

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

**AGENDA ITEM # \_\_\_\_\_**  
**Project # \_\_\_\_\_**

	<b>Action Requested</b>
DATE SUBMITTED: <u>October 12, 2005</u>	<input type="checkbox"/> Informational Presentation
	<input type="checkbox"/> Initial Approval and/or Recommendation
UDC MEETING DATE: <u>October 19, 2005</u>	<input checked="" type="checkbox"/> Final Approval and/or Recommendation

PROJECT ADDRESS: 1433 Monroe Street

ALDERMANIC DISTRICT: 5 (Robbie Webber)

OWNER/DEVELOPER (Partners and/or Principals) UW Credit Union ARCHITECT/DESIGNER/OR AGENT: PLANNING Design Build, Inc.  
3500 University Avenue 901 Deming Way, Suite 102  
Madison, WI 53705 Madison, WI 53717

CONTACT PERSON: Lisa Aumann  
Address: PLANNING Design Build, Inc.  
901 Deming Way, Suite 102, Madison, WI 53717  
Phone: 608-836-8055  
Fax: 608-836-5818  
E-mail address: laumann@planningdesignbuild.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)
- 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 50,000 Sq. Ft.
- Planned Commercial Site
- Deferral from Plan Commission - Recommendation Needed.

(See Section B for:)

- New Construction or Exterior Remodeling in C4 District (Fee required)

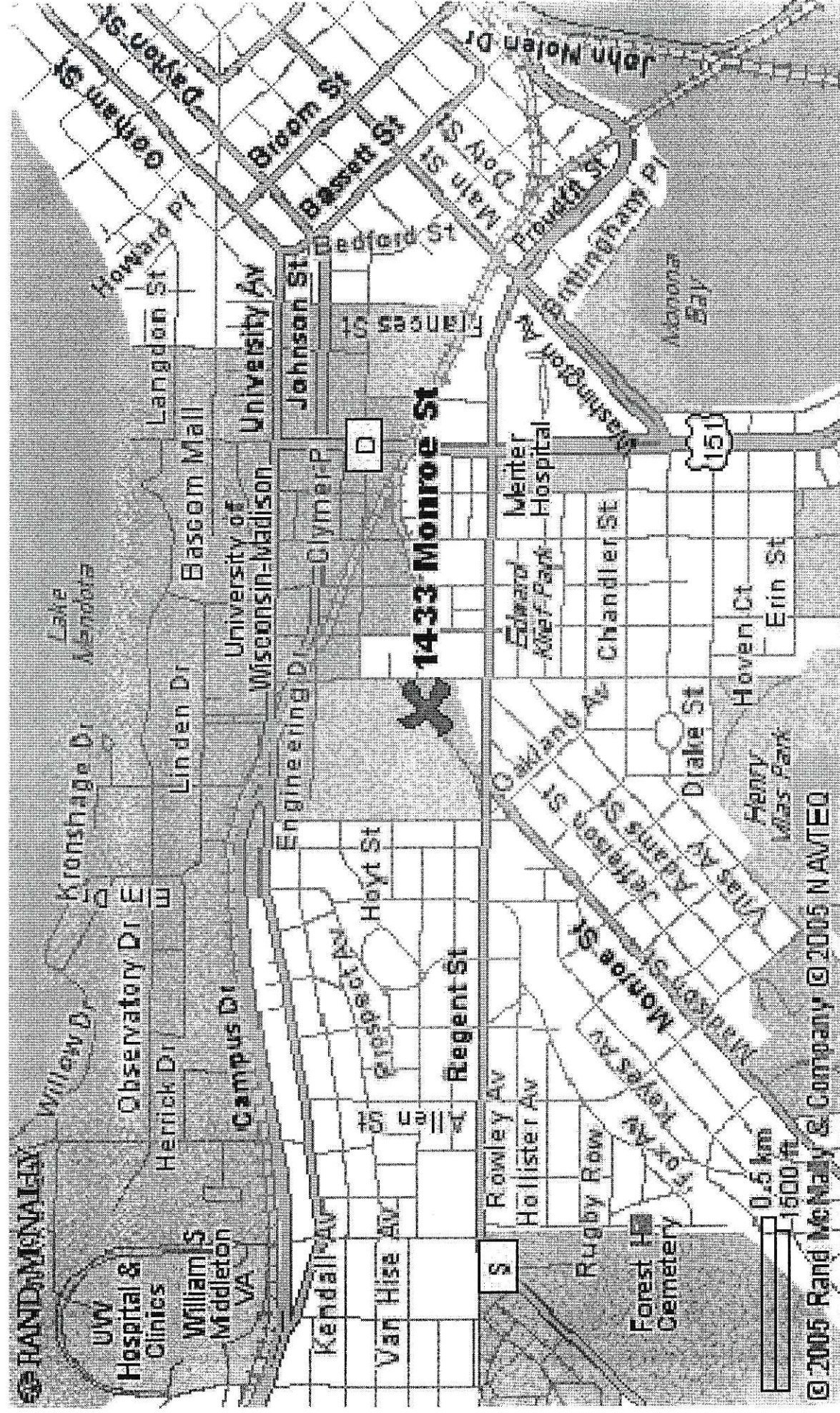
(See Section C for:)

- 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)



**1433 Monroe St**

0.5 km  
1500 ft

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SITE LOCATION MAP



ADDRESS:  
1433 MONROE STREET, MADISON, WI 53711



# UW CREDIT UNION MONROE STREET BRANCH

SYMBOLS LEGEND

**DRAWING LEGEND**

PLAN ORIENTATION  
 SOLID LINE, ALL ITEMS, EXCEPT AS NOTED BELOW.  
 DASH LINE, ITEMS HIDDEN, ABOVE, OR TO BE REMOVED.  
 CENTER LINES OF COLUMNS, OR OTHER OBJECT AS NOTED.  
 LEASE LINE OR PROP. LINE.  
 BREAK LINE - MATERIAL TO CONTINUE.  
 NEW GRADE ELEVATION 72.0'  
 EXISTING GRADE ELEVATION 73.0'  
 TOP OF WALL ELEVATION TW 85.0'  
 TOP OF CONCRETE TO 85.0'  
 TOP OF PAVEMENT TP 74.0'  
 EXISTING CONTOUR LINE 73.0'  
 NEW CONTOUR LINE 71.5'  
 TEST BORING NUMBER TB-7  
 LEVEL LINE OR ELEVATION LINE = 85.0'  
 REVISION NUMBER

**MATERIAL INDICATION**

ACOUSTIC TILE OR BOARD.  
 BRICK  
 CONCRETE  
 CONCRETE BLOCK  
 CUT STONE  
 EARTH  
 INSULATION BATT  
 INSULATION RIGID  
 METAL - (LARGE SECTION)  
 PLYWOOD  
 ROCK - COMPACTED FILL  
 SAND  
 WOOD - FINISH  
 WOOD - CONT. FRAMING  
 WOOD - BLOCKING OR INTERRUPTED

**ABBREVIATIONS**

L ANGLE  
 S I SHAPE  
 MC MISCELLANEOUS CHANNEL  
 W MISCELLANEOUS W/SHAP  
 C STANDARD CHANNEL  
 ST TEE SHAPE  
 WT TEE SHAPE  
 TS TUBE  
 W WIDE FLANGE SHAPE  
 WWF WELDED WIRE FABRIC  
 D PENNY  
 PL PLATE  
 U.M.G. UNLESS NOTIFIED OTHERWISE  
 O.C. ON CENTER  
 E.C. ELECTRICAL CONTRACTOR  
 M.S.D.W. METAL STUD DRYWALL CONTRACTOR  
 E.W.C. EARTHWORK CONTRACTOR

**SYMBOLS**

Ø AT  
 X BY (AS E' X B')  
 CL CENTER LINE  
 φ ROUND/DIAMETER  
 W/ WITH  
 W/O WITHOUT

**REVISION NUMBER**

AREA REVISED  
 SECTION THRU IRON WALL, OR OTHER SECTION NUMBER IS AT TOP AND DRAWING NUMBER IS AT BOTTOM.  
 NEW COLUMN LINE  
 EXISTING COLUMN LINE  
 DIMENSION TO EDGE / FACE  
 DIMENSION TO CENTERLINE  
 PARTITION TYPE 12

PROJECT DIRECTORY

**DESIGN-BUILDER**  
 PLANNING DESIGN BUILD, INC.  
 901 DEMING WAY, SUITE 102  
 MADISON, WISCONSIN 53717  
 PHONE: (608) 836-8055  
 FAX : (608) 836-5818

**OWNER**  
 UW CREDIT UNION,  
 3500 UNIVERSITY AVE.  
 MADISON, WI 53744-4963

**CIVIL CONSULTANT**  
 TEAM ENGINEERING  
 240 MAIN STREET  
 LOGANVILLE, WI 53943  
 PHONE: (608) 727-2146  
 FAX : (608) 727-2148

**LANDSCAPING CONSULTANT**  
 THE BRUCE COMPANY  
 2830 W. BETLINE HWY  
 MIDDLETON, WI 53562-0330  
 PHONE: (608) 836-7041  
 FAX : (608) 831-6266

BID PACKAGES

INDEX OF DRAWINGS

SHEET	TITLE	SHEET	TITLE	SHEET	TITLE
A001	TITLE SHEET				
ARCHITECTURAL					
A100	SITE PLAN				
L101	LANDSCAPING PLAN				
E101	ELECTRICAL SITE PLAN				
A201	FLOOR PLAN				
A301	ELEVATIONS				
A301	COLORLED ELEVATIONS				

BUILDING CODE

Project: 20040190 UWCU - Monroe Street Branch  
 Code Review

- Construction Type: (602.5) Type VB - Any material permitted by code
- Occupancy Type: (304.1) Business Group B
- Allowable Height & Area (Table 503) Type VB = 40' maximum  
Group B = 2 stories/ 9,000 sf / floor
- Actual Height and Area: 1 story (16'-0") 3,774 GSF
- Fire Resistive Ratings: (Tables 601 and 602) Type VB:  
 Struct Framing: 0 hr  
 Bearing Walls: 0 hr  
 Non-Bearing Exterior Walls: <10' dist. = 1 hr, >10' dist. = 0 hr  
 Non-Bearing Interior Walls: Any code permitted material  
 Floor Construction: 0 hr  
 Roof Construction: 0 hr
- Means of Egress (Table 1003.2.2.2) Floor area/ occupant  
 Total = 3,774 GSF/100 GSF/Occ = 38 Occupants  
 (1003.3.1.1) Egress door size 32" clear min. 48" max.
- Exit Access (1004.2.1) 2 exits required  
 (Table 1004.2.4) 200' Maximum travel distance  
 (1004.2.5) Common path of travel 75'  
 (1004.3.2.2) Minimum corridor width = 36" if >50 occupants  
 (1004.3.2.3) A Use dead end max. 20'
- Exits: (Table 1004.2.1) 2 exits
- Drinking Fountain (Table 2902.1) One required. Drinking water provided at Coffee Station.
- Sprinklers: None
- Fire Extinguishers: Per International Fire Code
- Interior Finishes (Table 803.4) Sprinklered: Class A: Exit Access Corridors & other exit ways  
Class C: Rooms & Enclosed spaces



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UW CREDIT UNION - MONROE STREET

1433 Monroe Street  
 Madison, WI 53711  
 UW Credit Union  
 3500 University Ave.  
 Madison, WI 53744-4963

REVISION DATES:

ISSUE DATES:

Construction Documents:

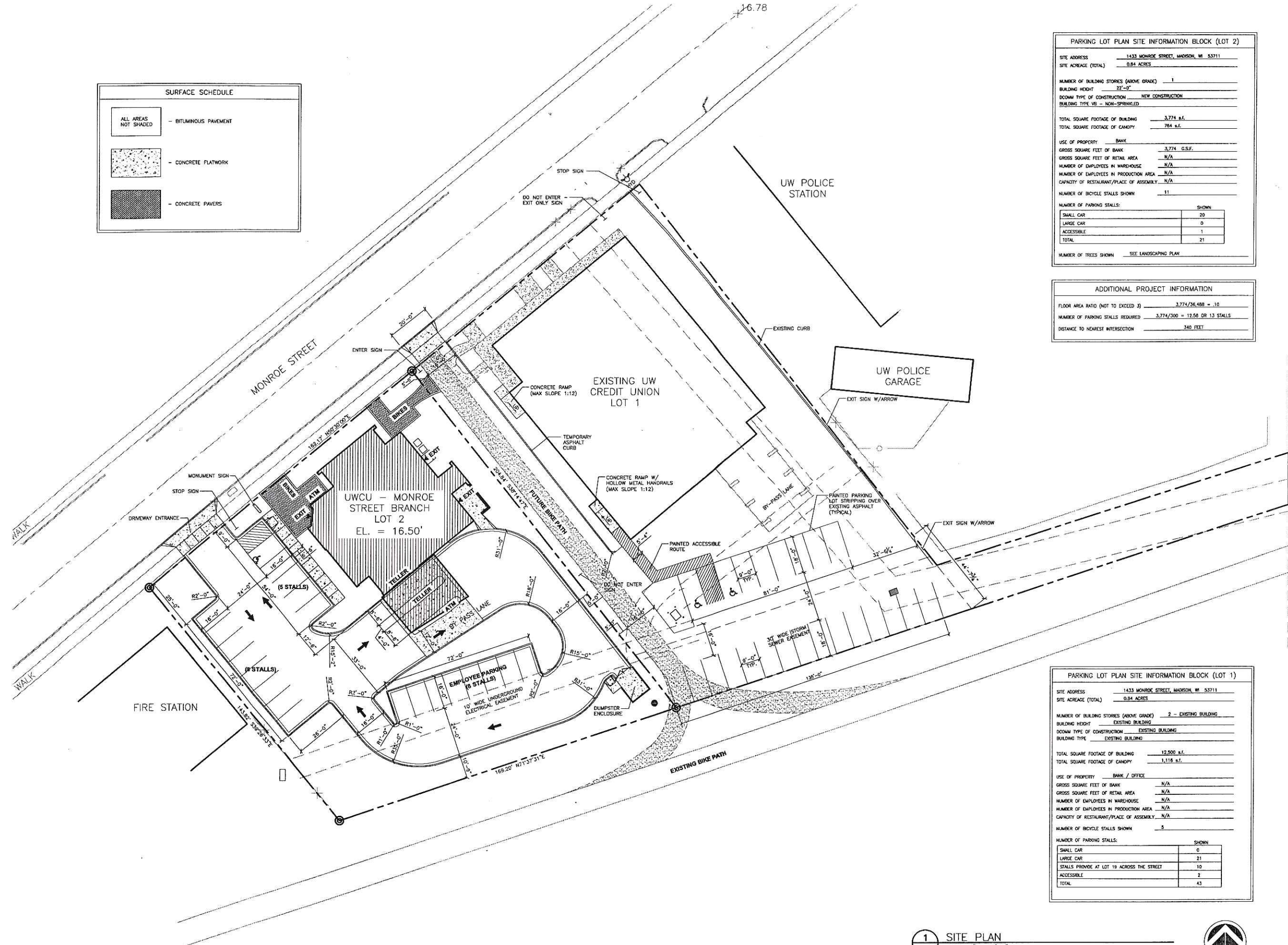
This drawing shall be used for fabrication, erection and/or installation. Check all project addenda and construction bulletins for modifications.

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PROJECT #: 20040190  
 PLOT DATE: 10/12/2005  
 SHEET NUMBER

A001

SURFACE SCHEDULE	
ALL AREAS NOT SHADED	- BITUMINOUS PAVEMENT
[Pattern]	- CONCRETE FLATWORK
[Pattern]	- CONCRETE PAVERS



PARKING LOT PLAN SITE INFORMATION BLOCK (LOT 2)	
SITE ADDRESS	1433 MONROE STREET, MADISON, WI 53711
SITE ACREAGE (TOTAL)	0.84 ACRES
NUMBER OF BUILDING STORES (ABOVE GRADE)	1
BUILDING HEIGHT	22'-0"
DCOMM TYPE OF CONSTRUCTION	NEW CONSTRUCTION
BUILDING TYPE (VB - NON-SPRINKLED)	
TOTAL SQUARE FOOTAGE OF BUILDING	3,774 s.f.
TOTAL SQUARE FOOTAGE OF CANOPY	784 s.f.
USE OF PROPERTY	BANK
GROSS SQUARE FEET OF BANK	3,774 G.S.F.
GROSS SQUARE FEET OF RETAIL AREA	N/A
NUMBER OF EMPLOYEES IN WAREHOUSE	N/A
NUMBER OF EMPLOYEES IN PRODUCTION AREA	N/A
CAPACITY OF RESTAURANT/PLACE OF ASSEMBLY	N/A
NUMBER OF BICYCLE STALLS SHOWN	11
NUMBER OF PARKING STALLS:	SHOWN
SMALL CAR	20
LARGE CAR	0
ACCESSIBLE	1
TOTAL	21
NUMBER OF TREES SHOWN	SEE LANDSCAPING PLAN

ADDITIONAL PROJECT INFORMATION	
FLOOR AREA RATIO (NOT TO EXCEED 3)	3,774/36,488 = .10
NUMBER OF PARKING STALLS REQUIRED	3,774/300 = 12.58 OR 13 STALLS
DISTANCE TO NEAREST INTERSECTION	340 FEET

PARKING LOT PLAN SITE INFORMATION BLOCK (LOT 1)	
SITE ADDRESS	1433 MONROE STREET, MADISON, WI 53711
SITE ACREAGE (TOTAL)	0.84 ACRES
NUMBER OF BUILDING STORES (ABOVE GRADE)	2 - EXISTING BUILDING
BUILDING HEIGHT	EXISTING BUILDING
DCOMM TYPE OF CONSTRUCTION	EXISTING BUILDING
BUILDING TYPE	EXISTING BUILDING
TOTAL SQUARE FOOTAGE OF BUILDING	12,800 s.f.
TOTAL SQUARE FOOTAGE OF CANOPY	1,116 s.f.
USE OF PROPERTY	BANK / OFFICE
GROSS SQUARE FEET OF BANK	N/A
GROSS SQUARE FEET OF RETAIL AREA	N/A
NUMBER OF EMPLOYEES IN WAREHOUSE	N/A
NUMBER OF EMPLOYEES IN PRODUCTION AREA	N/A
CAPACITY OF RESTAURANT/PLACE OF ASSEMBLY	N/A
NUMBER OF BICYCLE STALLS SHOWN	5
NUMBER OF PARKING STALLS:	SHOWN
SMALL CAR	0
LARGE CAR	21
STALLS PROVIDED AT LOT 19 ACROSS THE STREET	10
ACCESSIBLE	2
TOTAL	43

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**UW CREDIT UNION - MONROE STREET**

1433 Monroe Street  
 Madison, WI 53711

**UW Credit Union**  
 3500 University Ave.  
 Madison, WI 53744-4953

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**REVISION DATES:**


**ISSUE DATES:**


**Construction Documents:**

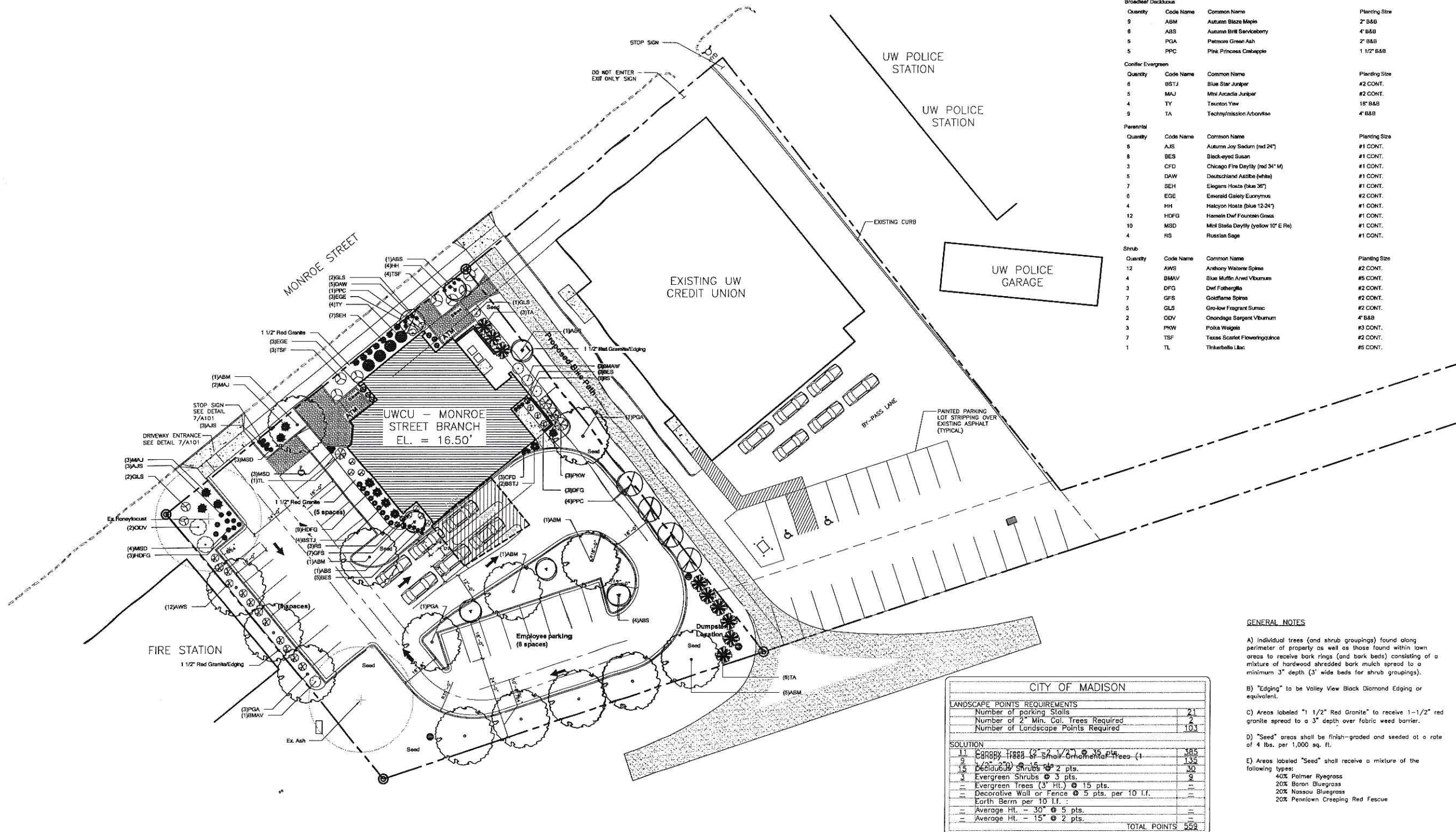
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**PROJECT #:** 20040190  
**PLOT DATE:** 10/12/2005  
**SHEET NUMBER**

A100

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Plant Material List

Quantity	Code Name	Common Name	Planting Size
9	ABM	Autumn Blaze Maple	2" B&B
6	ABS	Autumn Brill Serviceberry	4" B&B
5	PGA	Patmore Green Ash	2" B&B
5	PPC	Pink Princess Crabapple	1 1/2" B&B
<b>Conifer Evergreen</b>			
Quantity	Code Name	Common Name	Planting Size
6	BSTJ	Blue Star Juniper	#2 CONT.
5	MAJ	Mini Arcadia Juniper	#2 CONT.
4	TY	Taunton Yew	18" B&B
9	TA	Tachymiscium Arborvitae	4" B&B
<b>Perennial</b>			
Quantity	Code Name	Common Name	Planting Size
6	AJS	Autumn Joy Sedum (red 24")	#1 CONT.
8	BES	Black-eyed Susan	#1 CONT.
3	CFD	Chicago Fire Daylily (red 34" W)	#1 CONT.
5	DAW	Deutschiand Astilbe (white)	#1 CONT.
7	SEH	Elegans Hosta (blue 36")	#1 CONT.
6	EGE	Emerald Galaxy Eucrymus	#2 CONT.
4	HH	Halcyon Hosta (blue 12-24")	#1 CONT.
12	HDFG	Hamelin Dwarf Fountain Grass	#1 CONT.
10	MSD	Mini Stella Daylily (yellow 10" E R)	#1 CONT.
4	RS	Russian Sage	#1 CONT.
<b>Shrub</b>			
Quantity	Code Name	Common Name	Planting Size
12	AWS	Anthony Waterer Spirea	#2 CONT.
4	BMV	Blue Muffin Arved Viburnum	#5 CONT.
3	DFG	Dwarf Forsythia	#2 CONT.
7	GFS	Goldflame Spirea	#2 CONT.
5	GLS	Gro-low Fragrant Sumac	#2 CONT.
2	ODV	Onondaga Sargent Viburnum	4" B&B
3	PKW	Polka Wiegela	#3 CONT.
7	TSF	Texas Scarlet Flowering Quince	#2 CONT.
1	TL	Timberline Lilac	#5 CONT.

CITY OF MADISON

LANDSCAPE POINTS REQUIREMENTS	
Number of parking Stalls	21
Number of 2" Min. Cal. Trees Required	2
Number of Landscape Points Required	103
<b>SOLUTION</b>	
11 2" Cal. Trees @ 2 Shrub/Ornamental Trees (1)	365
9 1 1/2" Red Granite @ 15 pts.	135
15 Deciduous Shrubs @ 2 pts.	30
3 Evergreen Shrubs @ 3 pts.	9
Evergreen Trees (3" HL) @ 15 pts.	45
Decorative Wall or Fence @ 5 pts. per 10 L.F.	5
Earth Berm per 10 L.F.	5
Average Ht. - 30" @ 5 pts.	15
Average Ht. - 15" @ 2 pts.	10
<b>TOTAL POINTS</b>	<b>559</b>

- GENERAL NOTES**
- A) Individual trees (and shrub groupings) found along perimeter of property as well as those found within lawn areas to receive bark rings (and bark beds) consisting of a mixture of hardwood shredded bark mulch spread to a minimum 3" depth (3" wide beds for shrub groupings).
  - B) "Edging" to be Valley View Black Diamond Edging or equivalent.
  - C) Areas labeled "1 1/2" Red Granite" to receive 1-1/2" red granite spread to a 3" depth over fabric weed barrier.
  - D) "Seed" areas shall be finish-graded and seeded at a rate of 4 lbs. per 1,000 sq. ft.
  - E) Areas labeled "Seed" shall receive a mixture of the following types:
    - 40% Palmer Ryegrass
    - 20% Baron Bluegrass
    - 20% Nassau Bluegrass
    - 20% Pennlawn Creeping Red Fescue

**1 LANDSCAPE PLAN**  
SCALE: 1"=20'-0"



**UW CREDIT UNION - MONROE STREET**

1433 Monroe Street  
Madison, WI 53711

**UW Credit Union**  
3500 University Ave.  
Madison, WI 53744-4963

PROJECT #: 20040190  
PLOT DATE: 10/12/2005

REVISION DATES:  
Landscape Plan-07/21/05  
Landscape Plan-07/28/05  
Landscape Plan-10/11/05


ISSUE DATES:

**Design Development Phase:**  
This drawing indicates the size and character of the entire project as to materials, architectural elements, structural, mechanical and electrical systems, and such other essentials as may be appropriate. This drawing is **not for construction.**

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DRAWING NUMBER  
**L101**

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Type:   
Job:  
Catalog number:

Approvals:

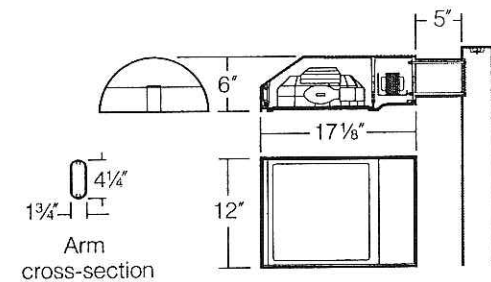
Mtg.	Fixture	Electrical Module	Finish	Options	Optional Vertical Slipfitter Mount
				See pages 3-4	See page 5

Date:  
Page: 1 of 5

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

**Specifications**

70 to 175 watt  
Medium Base Lamps  
Maximum Fixture weight (150HPS) = 25 lb



**Housing:** One piece low copper (less than .6%) die-cast 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. The fixture's housing forms a half cylinder with 58° 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 low copper (less than .6%) die-cast 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. MH and HPS sockets are porcelain 4KV pulse rated medium base. 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 mounts to 3" or 4" Junction Boxes by a cast aluminum adapter plate with fixture mounting bolts.

**NOTE:** Junction Box in wall must provide adequate fixture support. See NEC sections 370-13, 17 and 410-14, 16. Quick-disconnect plug and wiring are provided to allow field connections prior to fixture mounting.

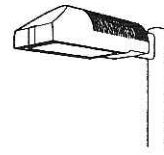
**Finish:** Super TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness, applied over a chromate conversion coating; 2500 hour salt spray test endurance rating. Standard colors are Black, Dark Bronze, Light Gray, Platinum Silver, or White. Custom colors are available and subject to additional charges, minimum quantities and longer lead times. Consult representative.

**Certification:** UL Listed to U.S. and Canadian safety standards for wet locations. Fixture manufacturer shall employ a quality program that is certified to meet the ISO 9001:2000 standard.


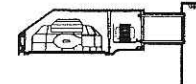



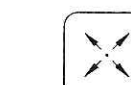
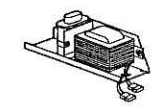
**CAUTION:** Fixtures must be grounded in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.



Type:  
Job:



## Standard Features

<p><b>Mounting</b> 3SY configuration is available for round poles only.</p>	<p>Plan View:  Wall Mount</p> <p>EPA: 0.7 1.4 1.2 1.9 1.9 2.5</p> <p>Cat. No.: <input checked="" type="checkbox"/> 1SA <input type="checkbox"/> 2SB <input type="checkbox"/> 2SL <input type="checkbox"/> 3ST <input type="checkbox"/> 3SY <input type="checkbox"/> 4SC <input type="checkbox"/> 1W</p>																																																																				
<p><b>Fixture</b> Cat. No. designates fixture and light distribution. See the Kim Site/Roadway Optical Systems Catalog for detailed information on reflector design and application.</p>	<p>Flat Lens     </p> <p>Light Distribution: Type II Full Cutoff Type III Full Cutoff Type IV Forward Throw Full Cutoff Type V Square Full Cutoff</p> <p>Cat. No.: <input type="checkbox"/> SAR2 <input checked="" type="checkbox"/> SAR3 <input type="checkbox"/> SAR4 <input type="checkbox"/> SAR5</p>																																																																				
<p><b>Electrical Module</b> HPS = High Pressure Sodium MH = Metal Halide</p>  <table border="1" data-bbox="155 1310 404 1411"> <thead> <tr> <th>Lamp Watts</th> <th>Lamp Type</th> <th>Line Volts</th> </tr> </thead> <tbody> <tr> <td>150</td> <td>HPS</td> <td>120</td> </tr> </tbody> </table>	Lamp Watts	Lamp Type	Line Volts	150	HPS	120	<p>Cat. Nos. for Electrical Modules available:</p> <table border="1" data-bbox="590 1048 1181 1209"> <tr> <td><input type="checkbox"/> 70HPS120</td> <td><input type="checkbox"/> 100HPS120</td> <td><input checked="" type="checkbox"/> 150HPS120</td> </tr> <tr> <td><input type="checkbox"/> 70HPS208</td> <td><input type="checkbox"/> 100HPS208</td> <td><input type="checkbox"/> 150HPS208</td> </tr> <tr> <td><input type="checkbox"/> 70HPS240</td> <td><input type="checkbox"/> 100HPS240</td> <td><input type="checkbox"/> 150HPS240</td> </tr> <tr> <td><input type="checkbox"/> 70HPS277</td> <td><input type="checkbox"/> 100HPS277</td> <td><input type="checkbox"/> 150HPS277</td> </tr> <tr> <td><input type="checkbox"/> 70HPS347</td> <td><input type="checkbox"/> 100HPS347</td> <td><input type="checkbox"/> 150HPS347</td> </tr> </table> <table border="1" data-bbox="466 1209 1181 1310"> <tr> <td>Lamp</td> <td>ED-17, Clear</td> <td>ED-17, Clear</td> <td>ED-17, Clear</td> </tr> <tr> <td>Socket</td> <td>Medium Base</td> <td>Medium Base</td> <td>Medium Base</td> </tr> <tr> <td>ANSI Ballast Type</td> <td>S-62</td> <td>S-54</td> <td>S-55</td> </tr> </table> <table border="1" data-bbox="590 1330 1367 1471"> <tr> <td><input type="checkbox"/> 70MH120</td> <td><input type="checkbox"/> 100MH120</td> <td><input type="checkbox"/> 150MH120</td> <td><input type="checkbox"/> 175MH120</td> </tr> <tr> <td><input type="checkbox"/> 70MH208</td> <td><input type="checkbox"/> 100MH208</td> <td><input type="checkbox"/> 150MH208</td> <td><input type="checkbox"/> 175MH208</td> </tr> <tr> <td><input type="checkbox"/> 70MH240</td> <td><input type="checkbox"/> 100MH240</td> <td><input type="checkbox"/> 150MH240</td> <td><input type="checkbox"/> 175MH240</td> </tr> <tr> <td><input type="checkbox"/> 70MH277</td> <td><input type="checkbox"/> 100MH277</td> <td><input type="checkbox"/> 150MH277</td> <td><input type="checkbox"/> 175MH277</td> </tr> <tr> <td><input type="checkbox"/> 70MH347</td> <td><input type="checkbox"/> 100MH347</td> <td><input type="checkbox"/> 150MH347</td> <td><input type="checkbox"/> 175MH347</td> </tr> </table> <table border="1" data-bbox="466 1471 1367 1592"> <tr> <td>Lamp</td> <td>ED-17, Clear</td> <td>ED-17, Clear</td> <td>ED-17, Clear</td> <td>ED-17, Clear</td> </tr> <tr> <td>Socket</td> <td>Medium Base</td> <td>Medium Base</td> <td>Medium Base</td> <td>Medium Base</td> </tr> <tr> <td>ANSI Ballast Type</td> <td>M-98</td> <td>M-90</td> <td>M-102</td> <td>M-57</td> </tr> </table>	<input type="checkbox"/> 70HPS120	<input type="checkbox"/> 100HPS120	<input checked="" type="checkbox"/> 150HPS120	<input type="checkbox"/> 70HPS208	<input type="checkbox"/> 100HPS208	<input type="checkbox"/> 150HPS208	<input type="checkbox"/> 70HPS240	<input type="checkbox"/> 100HPS240	<input type="checkbox"/> 150HPS240	<input type="checkbox"/> 70HPS277	<input type="checkbox"/> 100HPS277	<input type="checkbox"/> 150HPS277	<input type="checkbox"/> 70HPS347	<input type="checkbox"/> 100HPS347	<input type="checkbox"/> 150HPS347	Lamp	ED-17, Clear	ED-17, Clear	ED-17, Clear	Socket	Medium Base	Medium Base	Medium Base	ANSI Ballast Type	S-62	S-54	S-55	<input type="checkbox"/> 70MH120	<input type="checkbox"/> 100MH120	<input type="checkbox"/> 150MH120	<input type="checkbox"/> 175MH120	<input type="checkbox"/> 70MH208	<input type="checkbox"/> 100MH208	<input type="checkbox"/> 150MH208	<input type="checkbox"/> 175MH208	<input type="checkbox"/> 70MH240	<input type="checkbox"/> 100MH240	<input type="checkbox"/> 150MH240	<input type="checkbox"/> 175MH240	<input type="checkbox"/> 70MH277	<input type="checkbox"/> 100MH277	<input type="checkbox"/> 150MH277	<input type="checkbox"/> 175MH277	<input type="checkbox"/> 70MH347	<input type="checkbox"/> 100MH347	<input type="checkbox"/> 150MH347	<input type="checkbox"/> 175MH347	Lamp	ED-17, Clear	ED-17, Clear	ED-17, Clear	ED-17, Clear	Socket	Medium Base	Medium Base	Medium Base	Medium Base	ANSI Ballast Type	M-98	M-90	M-102	M-57
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Lamp	ED-17, Clear	ED-17, Clear	ED-17, Clear																																																																		
Socket	Medium Base	Medium Base	Medium Base																																																																		
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ANSI Ballast Type	M-98	M-90	M-102	M-57																																																																	
<p><b>Finish</b> Super TGIC powder coat paint over a chromate conversion coating.</p>	<p>Color: Black Dark Bronze Light Gray Platinum Silver White Custom Color<sup>1</sup></p> <p>Cat. No.: <input checked="" type="checkbox"/> BL-P <input type="checkbox"/> DB-P <input type="checkbox"/> LG-P <input type="checkbox"/> PS-P <input type="checkbox"/> WH-P <input type="checkbox"/> CC-P</p> <p><sup>1</sup>Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description: _____</p>																																																																				

Round Aluminum Non-Tapered Pole

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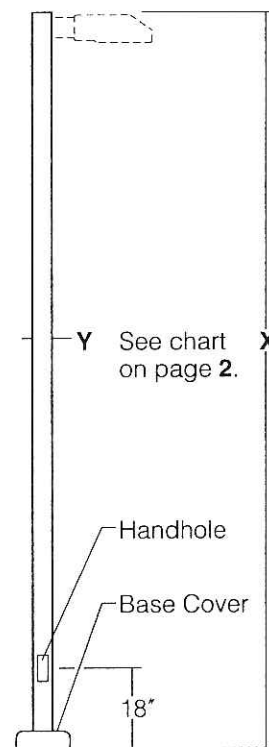
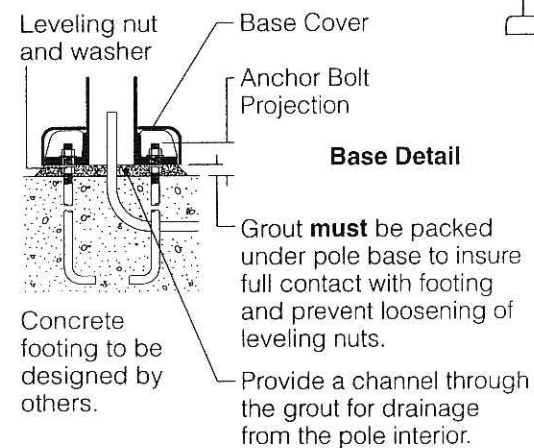
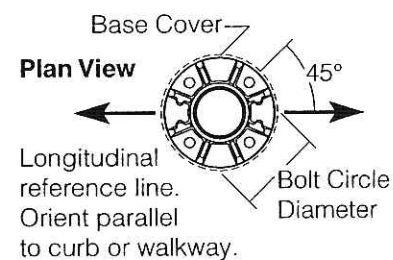
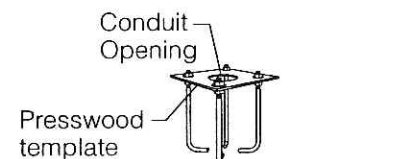
Type:  
Job:  
Catalog number:

Approvals:

Pole Cat. No.	Mounting	Pole Finish	Optional Hinged Base	Optional Duplex Receptacle
	/	/	/	/
See page 2		See page 3		

Date:  
Page: 1 of 4

Specifications



**Pole Construction:** Seamless round extruded aluminum tube of alloy 6063-T6, welded at top and bottom of aluminum base casting of alloy 356.

**Base Cover:** Base has a two piece cast aluminum full cover of 319 alloy, secured by stainless steel screws.

**Pole Cap:** A flush-sided cast aluminum pole cap is provided.

**Handhole:** 18" up from base, with a gasketed cover and ground lug. Poles with a 3 3/8" O.D. include a handhole reinforcement casting welded in place.

**Anchor Bolts:** Four galvanized anchor bolts provided, complete with eight nuts, eight flat washers, and a presswood template.

**Strength:** Poles will withstand wind loads as listed in chart (see page 2) when luminaires are mounted per fixture installation instructions.

**Finish:** Super TGIC thermoset polyester powder coat paint applied over a chromate conversion coating. Standard colors are: Black (BL-P), Dark Bronze (DB-P), Light Gray (LG-P), Platinum Silver (PS-P), and White (WH-P). Custom colors are available.

**CAUTION:** Do not install poles without luminaires or strength guarantee is voided. Any unauthorized accessories secured to pole shall void strength guarantee.

**Maintenance:** A regularly scheduled maintenance program must be established to insure the protective paint coating is intact, corrosion or structural damage has not occurred, and anchor bolt nuts are tight. Failure to do so could lead to eventual pole collapse and serious personal injury.



Round Aluminum Non-Tapered Pole

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Type:

Date:

Job:

Page: 2 of 4

**Standard Features**

**NOTE:** All allowable pole and fixture EPAs (Effective Projected Area, which is Fixture Area x Drag Factor) are derived from the AASHTO standard (American Association of State Highway and Transportation Officials). Responsibility lies with the specifier for correct pole selection based on local codes and standards for the job location (See page 4).

**Pole Catalog No.**

**Allowable Pole EPA**

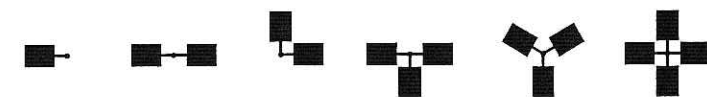
Pole Catalog Number	X	Y	Bolt Circle Dia.	Anchor Bolt Projection	Anchor Bolts	Base Cover Size	Conduit Opening	Allowable Pole EPA				
								Wind Map Steady Wind	80/104	90/117	Gusting Wind Equivalent 100/130	110/143
<input type="checkbox"/> PRA10-34125**	10'	3 3/8" x .125	7"	3 1/8"	3/4" x 15" + 3"	9 1/2" dia.	2 1/2" dia.	5.6	3.9	2.8	1.7	1.3
<input type="checkbox"/> PRA12-34188**	12'	3 3/8" x .188	7"	3 1/8"	3/4" x 15" + 3"	9 1/2" dia.	2 1/2" dia.	7.4	5.3	3.8	2.7	1.9
<input type="checkbox"/> PRA14-34188**	14'	3 3/8" x .188	7"	3 1/8"	3/4" x 15" + 3"	9 1/2" dia.	2 1/2" dia.	5.8	3.9	2.7	1.7	0.8
<input type="checkbox"/> PRA14-4188**	14'	4" x .188	8 1/2"	3 1/4"	3/4" x 15" + 3"	11 7/8" dia.	3" dia.	8.9	6.2	4.4	3.2	2.5
<input type="checkbox"/> PRA16-4188	16'	4" x .188	8 1/2"	3 1/4"	3/4" x 30" + 4"	11 7/8" dia.	3" dia.	6.9	4.6	3.1	2.1	1.6
<input checked="" type="checkbox"/> PRA20-4188	19.5'	4" x .188	8 1/2"	3 1/4"	3/4" x 30" + 4"	11 7/8" dia.	3" dia.	4.0	2.3	1.1	—	—
<input type="checkbox"/> PRA20-5188	19.5'	5" x .188	8 1/2"	3 1/4"	3/4" x 30" + 4"	11 7/8" dia.	3" dia.	7.6	5.1	3.7	2.8	2.2

\*\*Optional hinged base available for selected poles up to 14 feet (see page 3).

**Mounting Arrangements**

\*Allowable pole EPA for jobsite wind conditions must be equal to or greater than fixture mount EPA.

Plan Views:



Mounting:	SA	SB	SL	ST	SY	SC
Kim Fixture and EPA:						
SAR	0.7	1.4	1.2	1.9	1.9	2.5
SET	1.0	2.0	1.5	2.4	2.2	2.7

**Finish**

Super TGIC powder coat paint over a chromate conversion coating.

Color:	Black	Dark Bronze	Light Gray	Platinum Silver	White
Cat. No.:	<input checked="" type="checkbox"/> BL-P	<input type="checkbox"/> DB-P	<input type="checkbox"/> LG-P	<input type="checkbox"/> PS-P	<input type="checkbox"/> WH-P
Color:	*Custom Color				
Cat. No.:	<input type="checkbox"/> CC-P				

\* Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description: \_\_\_\_\_

Type: \_\_\_\_\_ Date: \_\_\_\_\_  
 Job: \_\_\_\_\_ Page: 3 of 4

### Optional Features

<p><b>Optional Hinged Base</b>          Cat. No. <input type="checkbox"/> HB-X1  <input type="checkbox"/> HB-X2  <input type="checkbox"/> HB-Y1  <input type="checkbox"/> HB-Y2  <input type="checkbox"/> No Option</p>	<p>Optional hinged base available for <b>SA</b> and <b>SB</b> mount poles up to <b>14 feet</b> only. The use of hinged bases requires some pre-planning so poles hinge in the right direction, as dictated by the surrounding environment.</p> <div data-bbox="1056 594 1383 937" style="text-align: center;"> <p>Hinging Directions</p> </div>
<p><b>Optional Duplex Receptacle</b>          Cat. No. <input type="checkbox"/> DR  <input type="checkbox"/> DR-GFI  <input type="checkbox"/> No Option</p>	<p>Mounted opposite the handhole, at 22½' from base of pole, in a cast aluminum box that is internally welded and sealed with a gasketed self-closing cover and locking bracket.  <b>Duplex Receptacle (DR)</b> rated 15A, 125V  <b>Duplex Receptacle with Ground Fault Circuit Interrupter (DR-GFI)</b> rated 15A, 125V</p>

Type: **52**

Job:

Catalog number:

Mtg.	Fixture	Electrical Module	Finish	Options	Optional Vertical Slipfitter Mount
				See pages 3-4	See page 5

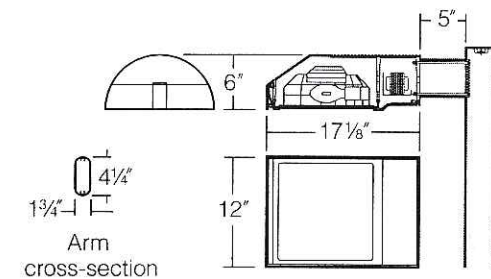
Select pole from Kim Pole Catalog. If pole is provided by others indicate O.D. for arm fitting.

Approvals:

Date:  
Page: 1 of 5

## Specifications

70 to 175 watt  
Medium Base Lamps  
Maximum Fixture weight (150HPS) = 25 lb



**Housing:** One piece low copper (less than .6%) die-cast 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. The fixture's housing forms a half cylinder with 58° 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 low copper (less than .6%) die-cast 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. MH and HPS sockets are porcelain 4KV pulse rated medium base. 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 mounts to 3" or 4" Junction Boxes by a cast aluminum adapter plate with fixture mounting bolts.

**NOTE:** Junction Box in wall must provide adequate fixture support. See NEC sections 370-13, 17 and 410-14, 16. Quick-disconnect plug and wiring are provided to allow field connections prior to fixture mounting.

**Finish:** Super TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness, applied over a chromate conversion coating; 2500 hour salt spray test endurance rating. Standard colors are Black, Dark Bronze, Light Gray, Platinum Silver, or White. Custom colors are available and subject to additional charges, minimum quantities and longer lead times. Consult representative.

**Certification:** UL Listed to U.S. and Canadian safety standards for wet locations. Fixture manufacturer shall employ a quality program that is certified to meet the ISO 9001:2000 standard.

**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.


Type:  
Job:



## Standard Features

### Mounting

3SY configuration is available for round poles only.


Plan View:  Wall Mount

EPA: 0.7 1.4 1.2 1.9 1.9 2.5

Cat. No.:  1SA  2SB  2SL  3ST  3SY  4SC  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 

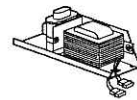
Light Distribution: Type II Type III Type IV Type V

Full Cutoff Full Cutoff Forward Throw Full Cutoff Square Full Cutoff

Cat. No.:  SAR2  SAR3  SAR4  SAR5

### Electrical Module

HPS = High Pressure Sodium  
MH = Metal Halide



Lamp Lamp Line  
Watts Type Volts  
150 HPS 120

Cat. Nos. for Electrical Modules available:

<input type="checkbox"/> 70HPS120	<input type="checkbox"/> 100HPS120	<input checked="" type="checkbox"/> 150HPS120	
<input type="checkbox"/> 70HPS208	<input type="checkbox"/> 100HPS208	<input type="checkbox"/> 150HPS208	
<input type="checkbox"/> 70HPS240	<input type="checkbox"/> 100HPS240	<input type="checkbox"/> 150HPS240	
<input type="checkbox"/> 70HPS277	<input type="checkbox"/> 100HPS277	<input type="checkbox"/> 150HPS277	
<input type="checkbox"/> 70HPS347	<input type="checkbox"/> 100HPS347	<input type="checkbox"/> 150HPS347	
Lamp	ED-17, Clear	ED-17, Clear	ED-17, Clear
Socket	Medium Base	Medium Base	Medium Base
ANSI Ballast Type	S-62	S-54	S-55

<input type="checkbox"/> 70MH120	<input type="checkbox"/> 100MH120	<input type="checkbox"/> 150MH120	<input type="checkbox"/> 175MH120	
<input type="checkbox"/> 70MH208	<input type="checkbox"/> 100MH208	<input type="checkbox"/> 150MH208	<input type="checkbox"/> 175MH208	
<input type="checkbox"/> 70MH240	<input type="checkbox"/> 100MH240	<input type="checkbox"/> 150MH240	<input type="checkbox"/> 175MH240	
<input type="checkbox"/> 70MH277	<input type="checkbox"/> 100MH277	<input type="checkbox"/> 150MH277	<input type="checkbox"/> 175MH277	
<input type="checkbox"/> 70MH347	<input type="checkbox"/> 100MH347	<input type="checkbox"/> 150MH347	<input type="checkbox"/> 175MH347	
Lamp	ED-17, Clear	ED-17, Clear	ED-17, Clear	ED-17, Clear
Socket	Medium Base	Medium Base	Medium Base	Medium Base
ANSI Ballast Type	M-98	M-90	M-102	M-57

### Finish

Super TGIC powder coat paint over a chromate conversion coating.

Color: Black Dark Bronze Light Gray Platinum Silver White Custom Color\*

Cat. No.:  BL-P  DB-P  LG-P  PS-P  WH-P  CC-P

\*Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description: \_\_\_\_\_

Round Aluminum Non-Tapered Pole

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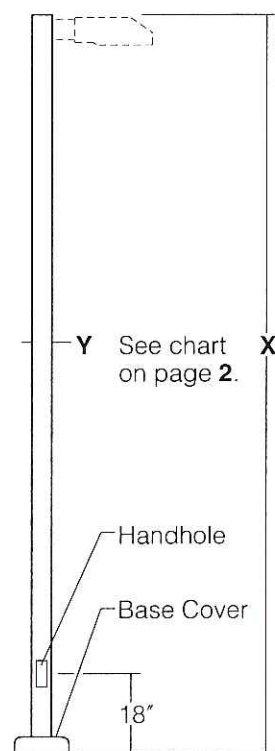
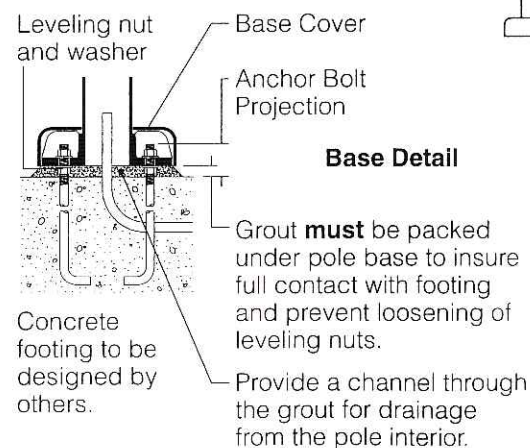
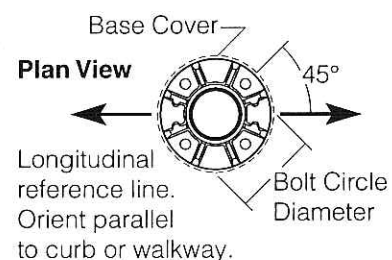
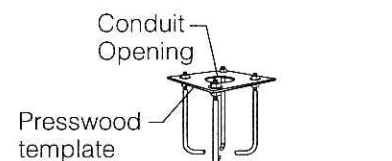
Type:  
Job:  
Catalog number:

Approvals:

Pole Cat. No.	Mounting	Pole Finish	Optional Hinged Base	Optional Duplex Receptacle
_____	_____	_____	_____	_____
See page 2		See page 3		

Date:  
Page: 1 of 4

Specifications



**Pole Construction:** Seamless round extruded aluminum tube of alloy 6063-T6, welded at top and bottom of aluminum base casting of alloy 356.

**Base Cover:** Base has a two piece cast aluminum full cover of 319 alloy, secured by stainless steel screws.

**Pole Cap:** A flush-sided cast aluminum pole cap is provided.

**Handhole:** 18" up from base, with a gasketed cover and ground lug. Poles with a 3 3/8" O.D. include a handhole reinforcement casting welded in place.

**Anchor Bolts:** Four galvanized anchor bolts provided, complete with eight nuts, eight flat washers, and a presswood template.

**Strength:** Poles will withstand wind loads as listed in chart (see page 2) when luminaires are mounted per fixture installation instructions.

**Finish:** Super TGIC thermoset polyester powder coat paint applied over a chromate conversion coating. Standard colors are: Black (BL-P), Dark Bronze (DB-P), Light Gray (LG-P), Platinum Silver (PS-P), and White (WH-P). Custom colors are available.

**CAUTION:** Do not install poles without luminaires or strength guarantee is voided. Any unauthorized accessories secured to pole shall void strength guarantee.

**Maintenance:** A regularly scheduled maintenance program must be established to insure the protective paint coating is intact, corrosion or structural damage has not occurred, and anchor bolt nuts are tight. Failure to do so could lead to eventual pole collapse and serious personal injury.

Round Aluminum Non-Tapered Pole

revision 8/1/99 • prasar.pdf

Type:

Date:

Job:

Page: 2 of 4

Standard Features

**NOTE:** All allowable pole and fixture EPAs (Effective Projected Area, which is Fixture Area x Drag Factor) are derived from the AASHTO standard (American Association of State Highway and Transportation Officials). Responsibility lies with the specifier for correct pole selection based on local codes and standards for the job location (See page 4).

Pole Catalog No.

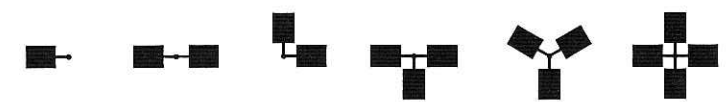
Allowable Pole EPA

Pole Catalog Number	X	Y	Bolt Circle Dia.	Anchor Bolt Projection	Anchor Bolts	Base Cover Size	Conduit Opening	Allowable Pole EPA				
								Wind Map Steady Wind	Wind Map Steady Wind	Gusting Wind Equivalent	Gusting Wind Equivalent	Gusting Wind Equivalent
								70/91	80/104	90/117	100/130	110/143
<input type="checkbox"/> PRA10-34125**	10'	3 3/8" x .125	7"	3 1/8"	3/4" x 15" + 3"	9 1/2" dia.	2 1/2" dia.	5.6	3.9	2.8	1.7	1.3
<input type="checkbox"/> PRA12-34188**	12'	3 3/8" x .188	7"	3 1/8"	3/4" x 15" + 3"	9 1/2" dia.	2 1/2" dia.	7.4	5.3	3.8	2.7	1.9
<input type="checkbox"/> PRA14-34188**	14'	3 3/8" x .188	7"	3 1/8"	3/4" x 15" + 3"	9 1/2" dia.	2 1/2" dia.	5.8	3.9	2.7	1.7	0.8
<input type="checkbox"/> PRA14-4188**	14'	4" x .188	8 1/2"	3 1/4"	3/4" x 15" + 3"	11 1/8" dia.	3" dia.	8.9	6.2	4.4	3.2	2.5
<input type="checkbox"/> PRA16-4188	16'	4" x .188	8 1/2"	3 1/4"	3/4" x 30" + 4"	11 1/8" dia.	3" dia.	6.9	4.6	3.1	2.1	1.6
<input checked="" type="checkbox"/> PRA20-4188	19.5'	4" x .188	8 1/2"	3 1/4"	3/4" x 30" + 4"	11 1/8" dia.	3" dia.	4.0	2.3	1.1	—	—
<input type="checkbox"/> PRA20-5188	19.5'	5" x .188	8 1/2"	3 1/4"	3/4" x 30" + 4"	11 1/8" dia.	3" dia.	7.6	5.1	3.7	2.8	2.2

\*\*Optional hinged base available for selected poles up to 14 feet (see page 3).

Mounting Arrangements

\*Allowable pole EPA for jobsite wind conditions must be equal to or greater than fixture mount EPA.

Plan Views: 

Mounting:  SA  SB  SL  ST  SY  SC

Kim Fixture and EPA:

SAR	0.7	1.4	1.2	1.9	1.9	2.5
SET	1.0	2.0	1.5	2.4	2.2	2.7

Finish

Super TGIC powder coat paint over a chromate conversion coating.

Color:  Black  Dark Bronze  Light Gray  Platinum Silver  White

Cat. No.:  BL-P  DB-P  LG-P  PS-P  WH-P

Color: \*Custom Color

Cat. No.:  CC-P

\* Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description: \_\_\_\_\_



**PRA**

SAR, SET fixtures only

Round Aluminum Non-Tapered Pole

revision 8/1/99 • prasar.pdf

Type:  
Job:

Date:  
Page: 3 of 4

### Optional Features

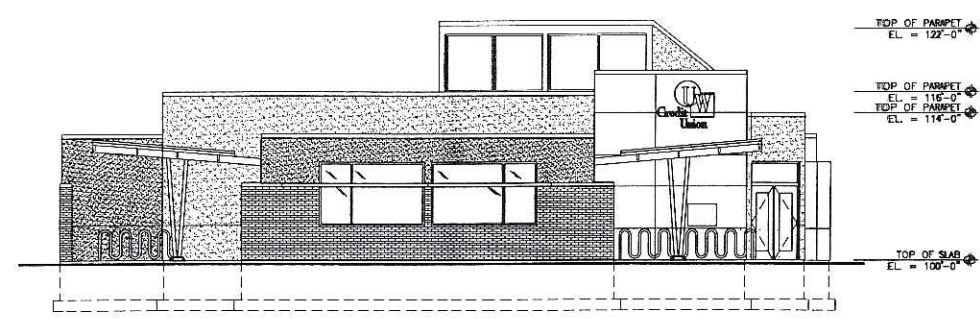
<p><b>Optional Hinged Base</b> Cat. No. <input type="checkbox"/> HB-X1 <input type="checkbox"/> HB-X2 <input type="checkbox"/> HB-Y1 <input type="checkbox"/> HB-Y2 <input type="checkbox"/> No Option</p>	<p>Optional hinged base available for <b>SA</b> and <b>SB</b> mount poles up to <b>14 feet</b> only. The use of hinged bases requires some pre-planning so poles hinge in the right direction, as dictated by the surrounding environment.</p> <div data-bbox="1056 604 1383 957" data-label="Diagram"> <p>Hinging Directions</p> </div>
<p><b>Optional Duplex Receptacle</b> Cat. No. <input type="checkbox"/> DR <input type="checkbox"/> DR-GFI <input type="checkbox"/> No Option</p>	<p>Mounted opposite the handhole, at 22½" from base of pole, in a cast aluminum box that is internally welded and sealed with a gasketed self-closing cover and locking bracket.</p> <p><b>Duplex Receptacle (DR)</b> rated 15A, 125V <b>Duplex Receptacle with Ground Fault Circuit Interrupter (DR-GFI)</b> rated 15A, 125V</p>



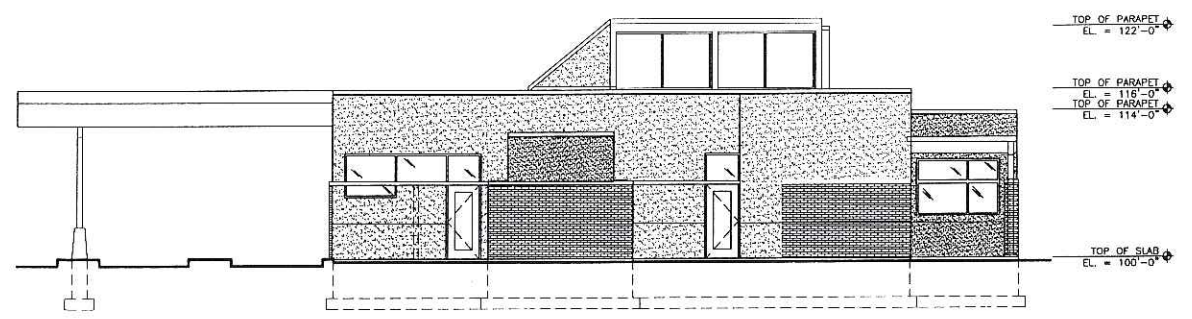




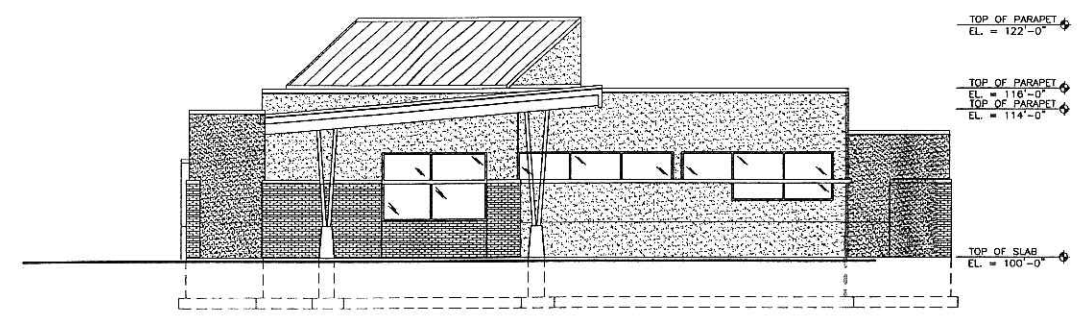
- EIFS #1 - TO MATCH "BENJAMIN MOORE" 2142-60 "NOVEMBER RAIN" (TEXTURE 534)
- EIFS #2 - TO MATCH "BENJAMIN MOORE" 2142-60 "GREY MIRAGE" (TEXTURE 534)
- BRICK #1 - IRON SPOT SET IN A RUNNING BOND
- METAL PANEL #1 - "ALPOLIC" COMPOSITE ALUMINUM PANELS. COLOR: CHAMPAGNE METALLIC
- EIFS BASE / or / PRECAST CONCRETE TO MATCH EIFS COLOR



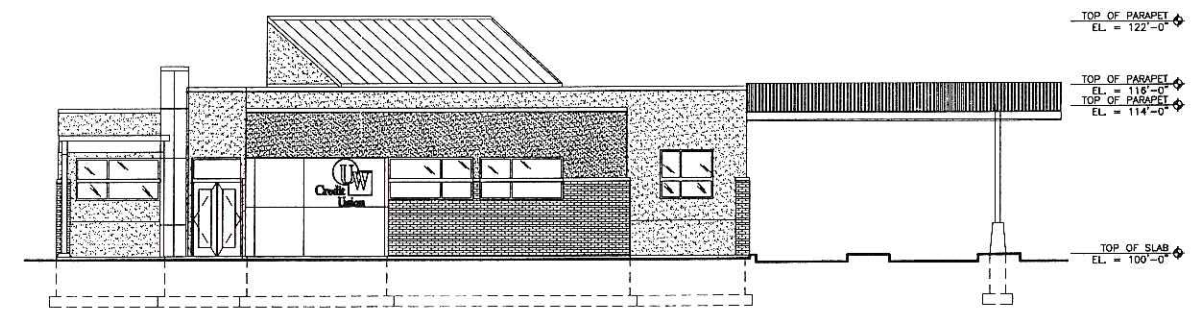
**3** NORTHWEST ELEVATION  
 A301 SCALE: 1/8" = 1'-0" 00000.000



**1** NORTHEAST ELEVATION  
 A301 SCALE: 1/8" = 1'-0" 00000.000



**4** SOUTHEAST ELEVATION  
 A301 SCALE: 1/8" = 1'-0" 00000.000



**2** SOUTHWEST ELEVATION  
 A301 SCALE: 1/8" = 1'-0" 00000.000

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 1433 Monroe Street  
 Madison, WI 53711  
**UW Credit Union**  
 3500 University Ave.  
 Madison, WI 53744-4963

REVISION DATES:


ISSUE DATES:


Schematic Design Phase:  
 This drawing indicates the scale and relationship of the project components. This drawing is not for construction.

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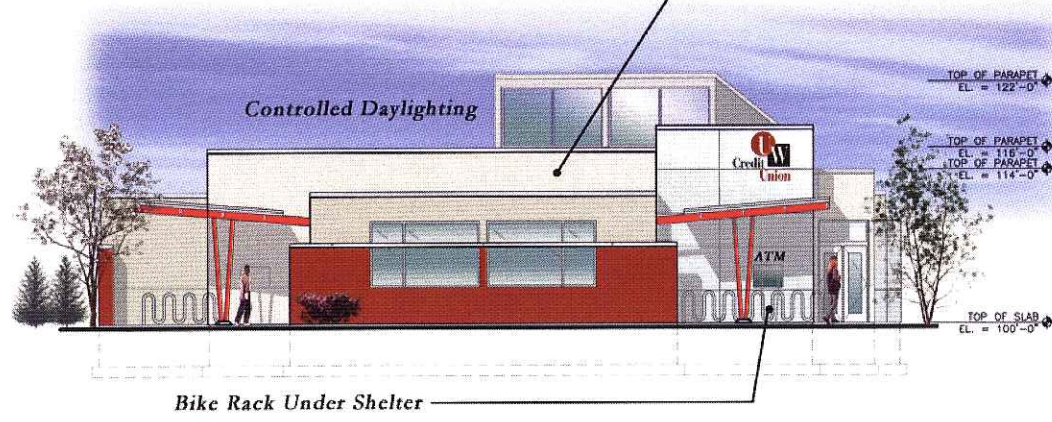
PROJECT #: 20040190  
 PLOT DATE: 10/12/2005  
 SHEET NUMBER

**A301**



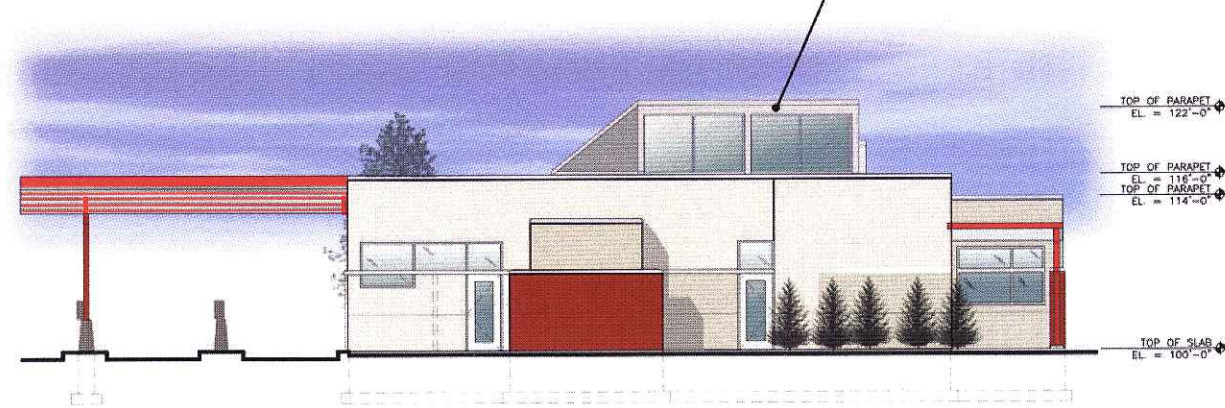
Application made for LEED-NC 2.1

Maximized Thermal Performance of Building Envelope while Minimizing "Embodied Energy" and Resources.



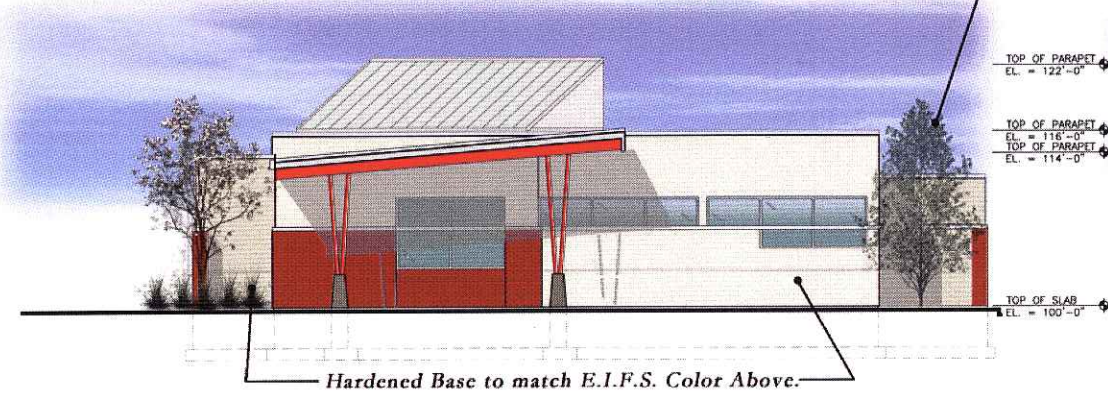
3 NORTHWEST ELEVATION  
A301 SCALE: 1/8" = 1'-0"

Sloped Roof Daylighting Monitor is also Optimized as Platform for P.V. Array



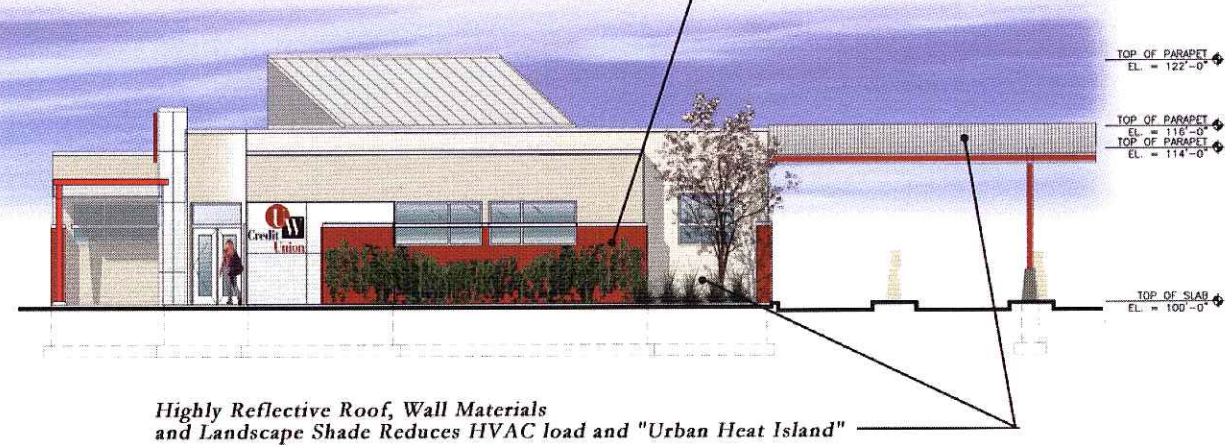
1 NORTHEAST ELEVATION  
A301 SCALE: 1/8" = 1'-0"

Landscape Shading of Southwest Building Wall and Glass.



4 SOUTHEAST ELEVATION  
A301 SCALE: 1/8" = 1'-0"

"Living-Wall" Multi-Functional Landscaping



2 SOUTHWEST ELEVATION  
A301 SCALE: 1/8" = 1'-0"

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Schematic Design Phase:

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PROJECT #: 20040190  
PLOT DATE: 10/11/2005  
SHEET NUMBER

A301

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