



# LAND USE APPLICATION

CITY OF MADISON

215 Martin Luther King Jr. Blvd; Room LL-100  
PO Box 2985; Madison, Wisconsin 53701-2985  
Phone: 608.266.4635 | Facsimile: 608.267.8739

- All Land Use Applications should be filed with the Zoning Administrator at the above address.
- The following information is required for all applications for Plan Commission review except subdivisions or land divisions, which should be filed using the Subdivision Application.
- This form may also be completed online at:  
[www.cityofmadison.com/developmentcenter/landdevelopment](http://www.cityofmadison.com/developmentcenter/landdevelopment)

**FOR OFFICE USE ONLY:**

Amt. Paid \_\_\_\_\_ Receipt No. \_\_\_\_\_

Date Received \_\_\_\_\_

Received By \_\_\_\_\_

Parcel No. \_\_\_\_\_

Aldermanic District \_\_\_\_\_

Zoning District \_\_\_\_\_

Special Requirements \_\_\_\_\_

Review Required By:

Urban Design Commission  Plan Commission

Common Council  Other: \_\_\_\_\_

Form Effective: February 21, 2013

1. **Project Address:** 750 University Row

**Project Title (if any):** U.W. Health, Outlot 2 & 3, Parking Lots

2. **This is an application for** (Check all that apply to your Land Use Application):

- Zoning Map Amendment from GDP to SIP
- Major Amendment to Approved PD-GDP Zoning  Major Amendment to Approved PD-SIP Zoning
- Review of Alteration to Planned Development (By Plan Commission)
- Conditional Use, or Major Alteration to an Approved Conditional Use
- Demolition Permit
- Other Requests: \_\_\_\_\_

AGENDA ITEM # 3  
LEGISTAR # 39295  
ALD. DIST. 19

3. **Applicant, Agent & Property Owner Information:**

Applicant Name: Andrew Howick Company: U.W. Health - U.W. Hospital & Clinics

Street Address: 600 N. Highland Ave City/State: Madison, WI Zip: 53792

Telephone: (608) 263 - 9160 Fax: ( ) Email: ahowick@uwhealth.org

Project Contact Person: Dan Day Company: D' Onofrio, Kottke & Associates

Street Address: 7553 Westward Way City/State: Madison, WI Zip: 53717

Telephone: (608) 833 - 7530 Fax: ( ) Email: \_\_\_\_\_

Property Owner (if not applicant): U.W. Health

Street Address: \_\_\_\_\_ City/State: \_\_\_\_\_ Zip: \_\_\_\_\_

4. **Project Information:**

Provide a brief description of the project and all proposed uses of the site: Temporary commuter surface parking lots.

Development Schedule: Commencement October 2015 Completion Partial - November 2015  
Final - June 2016

**5. Required Submittal Information**

All Land Use applications are required to include the following:

**Project Plans** including:\*

- Site Plans (fully dimensioned plans depicting project details including all lot lines and property setbacks to buildings; demolished/proposed/altered buildings; parking stalls, driveways, sidewalks, location of existing/proposed signage; HVAC/Utility location and screening details; useable open space; and other physical improvements on a property)
- Grading and Utility Plans (existing and proposed)
- Landscape Plan (including planting schedule depicting species name and planting size)
- Building Elevation Drawings (fully dimensioned drawings for all building sides, labeling primary exterior materials)
- Floor Plans (fully dimensioned plans including interior wall and room location)

Provide collated project plan sets as follows:

- **Seven (7) copies** of a full-sized plan set drawn to a scale of 1 inch = 20 feet (folded or rolled and stapled)
- **Twenty Five (25) copies** of the plan set reduced to fit onto 11 X 17-inch paper (folded and stapled)
- **One (1) copy** of the plan set reduced to fit onto 8 1/2 X 11-inch paper

\* For projects requiring review by the **Urban Design Commission**, provide **Fourteen (14) additional 11x17 copies** of the plan set. In addition to the above information, all plan sets should also include: 1) Colored elevation drawings with shadow lines and a list of exterior building materials/colors; 2) Existing/proposed lighting with photometric plan & fixture cutsheet; and 3) Contextual site plan information including photographs and layout of adjacent buildings and structures. The applicant shall bring samples of exterior building materials and color scheme to the Urban Design Commission meeting.

**Letter of Intent: Provide one (1) Copy per Plan Set** describing this application in detail including, but not limited to:

- |   |   |  |
|---|---|--|
| • Project Team                                | • Building Square Footage                       | • Value of Land  |
| • Existing Conditions                         | • Number of Dwelling Units                      | • Estimated Project Cost                                     |
| • Project Schedule                            | • Auto and Bike Parking Stalls                  | • Number of Construction & Full-Time Equivalent Jobs Created |
| • Proposed Uses (and ft <sup>2</sup> of each) | • Lot Coverage & Usable Open Space Calculations | • Public Subsidy Requested                                   |
| • Hours of Operation                          |   |  |

**Filing Fee:** Refer to the Land Use Application Instructions & Fee Schedule. Make checks payable to: *City Treasurer*.

**Electronic Submittal:** All applicants are required to submit copies of all items submitted in hard copy with their application as Adobe Acrobat PDF files on a non-returnable CD to be included with their application materials, or by e-mail to pcapplications@cityofmadison.com.

**Additional Information** may be required, depending on application. Refer to the Supplemental Submittal Requirements.

**6. Applicant Declarations**

**Pre-application Notification:** The Zoning Code requires that the applicant notify the district alder and any nearby neighborhood and business associations in writing no later than **30 days prior to FILING this request**. List the alderperson, neighborhood association(s), and business association(s) AND the dates you sent the notices:

→ If a waiver has been granted to this requirement, please attach any correspondence to this effect to this form.

**Pre-application Meeting with Staff:** Prior to preparation of this application, the applicant is required to discuss the proposed development and review process with Zoning and Planning Division staff; note staff persons and date.

Planning Staff: Tim Parks Date: 7/16/2015 Zoning Staff: Matt Tucker Date: 7/16/2015

The applicant attests that this form is accurately completed and all required materials are submitted:

Name of Applicant Andrew Howick Relationship to Property: U.W. Health Director of Facilities Planning

Authorizing Signature of Property Owner  Date 7 Aug 2015





## Letter of Intent

### Temporary Commuter Parking at University Crossing 750 University Row

UW Health – Hospitals and Clinics  
August 4, 2015

#### Project Description

UW Hospital would like to build a temporary commuter parking lot at University Crossing to replace the 300 commuter parking stalls currently leased at the Hill Farms State Office site. These stalls are used by the Hospital staff and are critical to the operation. These stalls provide an affordable alternative to the higher priced structured parking on the Hospital campus. The proposed surface parking lots for 300 cars at the UW Health sites at University Crossing are temporary until the site is developed, which is anticipated over the next five years. At that time the additional parking will be incorporated into the design of future parking structures and taken through the PUD/SIP city approval process.

We ask that the landscaping requirements and bike parking requirements for the parking lots be waved since these will be temporary lots and require minimal investment in infrastructure cost. Current bike parking is available at the UW Health Digestive Health Center. This includes 15 B-Cycles, 8 indoor and 4 outdoor bike parking stalls.

Site lighting for the project will be provided for safety reasons and will meet city ordinances for light trespass and dark sky.

Parking ratios on this master planned site are low due to shared parking between the apartments and the office buildings. The current master plan has a parking ratio of 2.69 to 2.79. With the additional 300 stalls the parking ratio at proposed full build-out would be 3.24 to 3.37/1000 GSF.

Current traffic patterns should not change significantly since the 300 stalls exist today at the Hill Farm site which is a few blocks away from the University Crossing site.

This site has an adopted storm water management plan that was approved with the plat of University Crossing. The impervious areas that come from the parking lots and structured parking are intended to go to the existing grit filtration system and bioretention basin on the west side of the University Crossing site. The areas being proposed with these parking areas is very similar to the areas assumed in the storm report. If the final design results in additional area we will be implementing an additional bioretention system to account for the differential.

Erosion control during construction will be a key component to the implementation of plan. We will be proposing erosion control features that will go above and beyond the ordinances of the City of Madison.

#### Project Schedule

Proposed schedule of construction for the parking lots will take place from October to December with final finish course, final seeding and final erosion control in May and June of 2016.

**Hours of Operation**

Anticipated hours of use are from 5:00 am until 10:00 pm.

**Estimated Project Cost:**

\$800,000

**Site Area Calculations**

Lot 2:	164,458 sf
Lot 3:	<u>43,005 sf</u>
Total Site areas for Lots 2 & 3:	207,463 sf
Total parking area:	89,751 sf
Total green space:	117,712 sf

**Project Team**

UW Health	Andrew Howick and Mike Grady
Krupp Construction	Paul Lenhart and Dietmar Bassuner
D'Onofrio Kottke & Assoc.	Dan Day
Potter Lawson Inc.	Doug Hursh



SITE LOCATION





Lot #	Potential Land Use	Net Lot Area (sf)	Proposed Footprint Area (sf)	Proposed Height (stories)	Proposed Building Area (sf)	F.A.R.	Proposed Parking Stalls
1	Clinic	186,000	Bldg 1: 20,000 Bldg 1A: 17,500	3 4	Bldg 1: 67,420 Bldg 1A: 70,000	0.74	Surface: 47 Structure A: 456 Below Bldg: 28
2	Clinic	144,184	Bldg 2: 26,700	3	Bldg 2: 80,000	0.55	Surface: 19 Structure B: 342 Below Bldg: 50
3	Non-profit hospitality	43,560	Bldg 3: 13,400	3	Bldg 3: 40,000	0.92	Surface: 42
4	Office/Retail	54,014	Bldg 4: 22,800	3	Bldg 4: 64,940	1.2	Surface: 29 Below Bldg: 35
5	Hotel (or Office)	40,075	Bldg 5: 14,000	6 (or 4)	84,000 (or 64,000)	2.10 (or 1.60)	Surface: 36 Below Bldg: 24
6	Residential + Parking C	68,000	Residential 24,234 Parking 32,315	4 & 5	Residential 131,810 Parking 139,690	1.94	337
					Total Building Area: 538,170		Total Parking Stalls 1,445

(or 518,170 w./ #5 Office)      2.69 stalls/ 1,000 sf (or 2.79 w./ #5 Office)

\*Parking Structure C for Buildings 4, 5, & 6

**Parking**

Parking Structure A: 3 Levels - approx. 456 stalls  
 Parking Structure B: 3 Levels - approx. 342 stalls  
 Parking Structure C: 3 Levels - approx. 337 stalls  
 (Parking Structures to be 10-11 feet floor to floor)

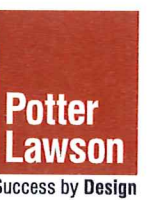


\*\*This is a Concept Masterplan. Final building footprint uses and sizes will be determined during the SIP submittals.

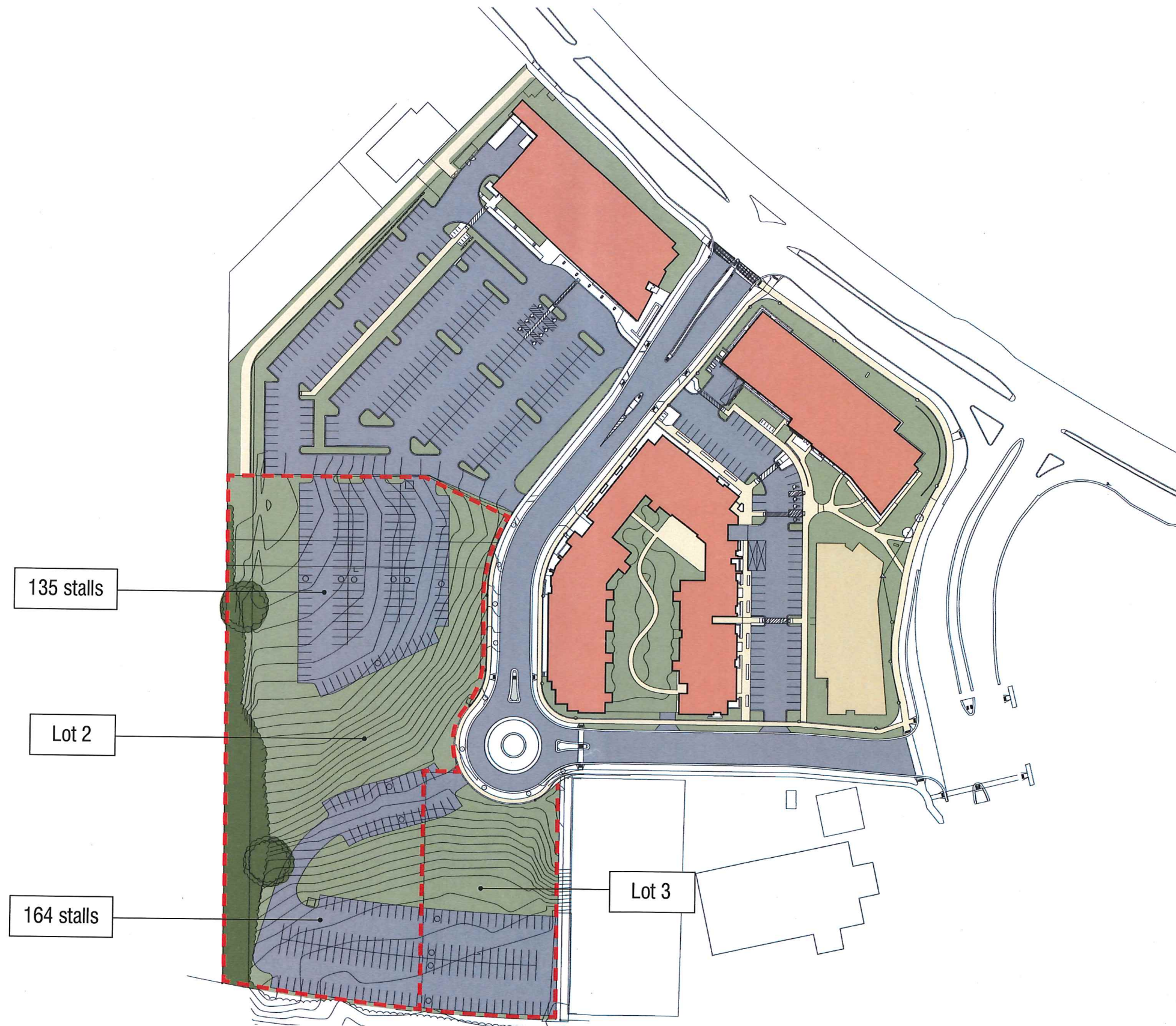




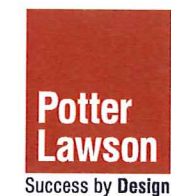
Existing Master Plan Massing Images  
August 5, 2015





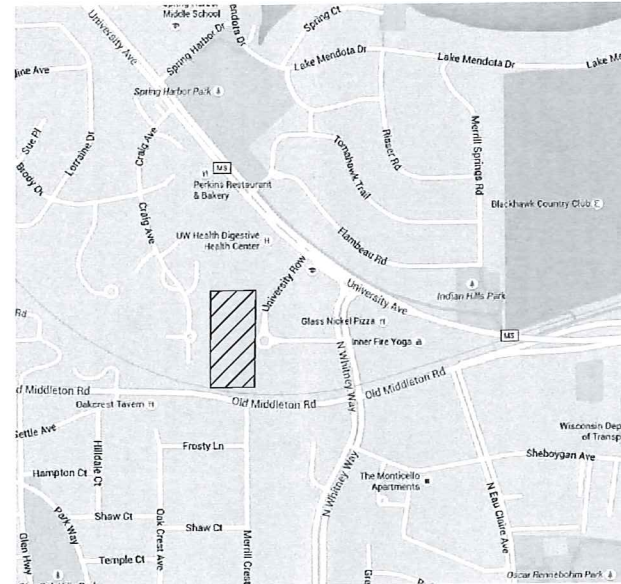


Proposed Temporary Commuter Parking Plan  
 August 5, 2015



# UNIVERSITY CROSSING - LOTS 2 & 3

CITY OF MADISON  
DANE COUNTY, WISCONSIN



PROJECT LOCATION

#### INDEX OF SHEETS

- TS-001 COVER SHEET
- C-101 EXISTING CONDITIONS
- C-102 SITE PLAN
- C-103 SITE GRADING AND EROSION CONTROL
- C-104 DETAILS
- E-100 ELECTRICAL SITE PLAN
- E-101 PHOTOMETRIC SITE PLAN .5 FC TRESPASSING LEVEL MARKED WITH CONTOUR LINE



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COVER SHEET  
UNIVERSITY CROSSING - LOTS 2 & 3  
CITY OF MADISON, DANE COUNTY, WISCONSIN

DATE: 08-05-15  
REVISED:

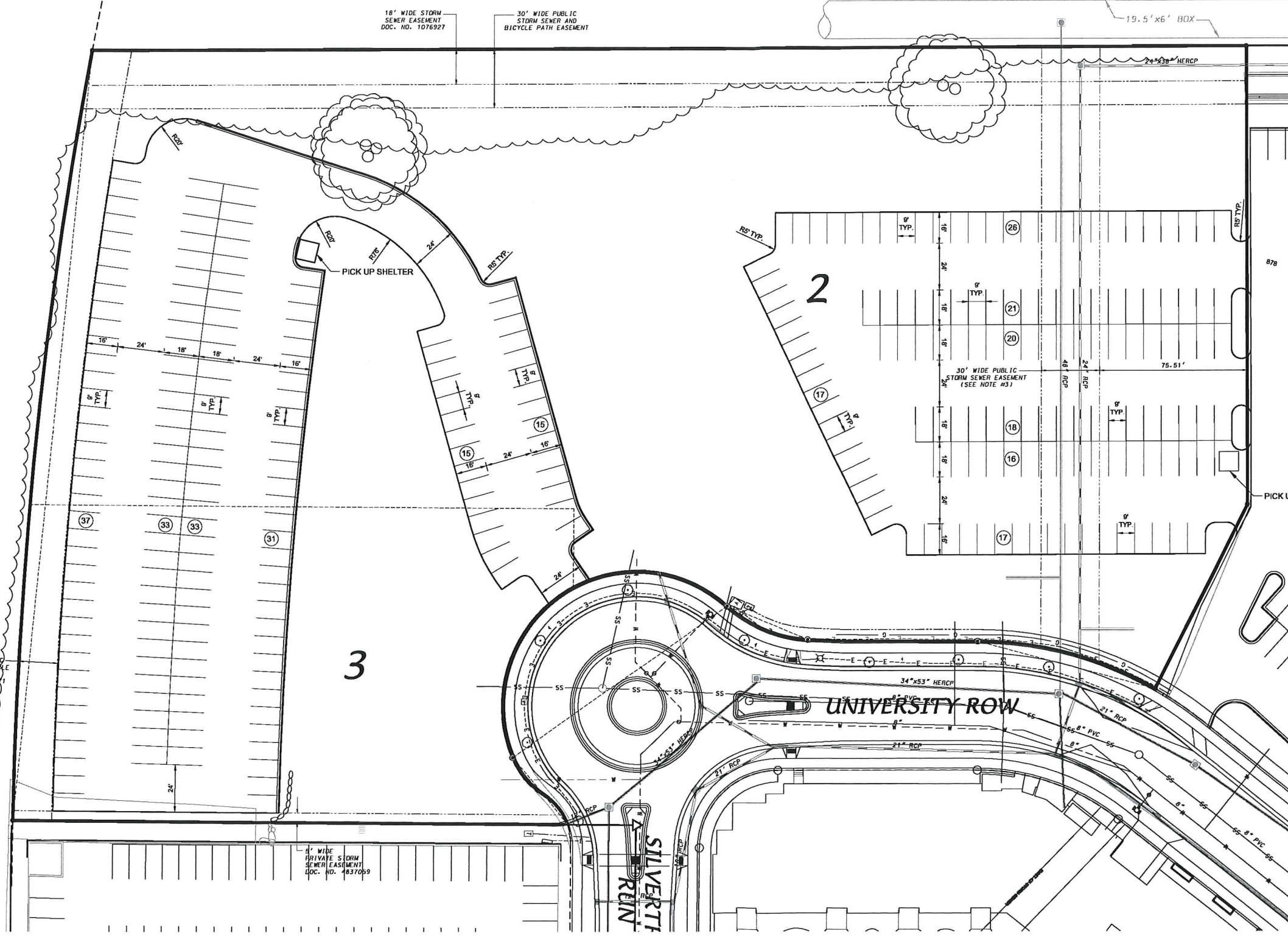
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Sheet Number:

TS-001





**LEGEND**

- ==== 18" CONCRETE CURB & GUTTER
- PROPOSED PAVEMENT

**GENERAL NOTES**

1. ALL SITE WORK SHALL BE PER THE CITY OF MADISON STANDARD SPECIFICATIONS.
2. CONTRACTOR IS RESPONSIBLE TO OBTAIN ANY AND ALL PERMITS REQUIRED.
3. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION
4. ALL DIMENSIONS TO FACE OF CURB UNLESS OTHERWISE NOTED.
5. CONTRACTOR SHALL REPLACE ANY EXISTING CONCRETE SIDEWALK DAMAGED DURING CONSTRUCTION PER CITY OF MADISON STANDARDS

SITE PLAN INFORMATION BLOCK	
PROJECT AREA	207,466 SF
PROPOSED TOTAL IMPERVIOUS	89,751 SF
TOTAL NUMBER OF PROPOSED SURFACE PARKING STALLS	299

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**UNIVERSITY CROSSING - LOTS 2 & 3**

SITE PLAN

CITY OF MADISON, DANE COUNTY, WISCONSIN

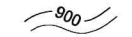

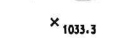
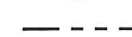




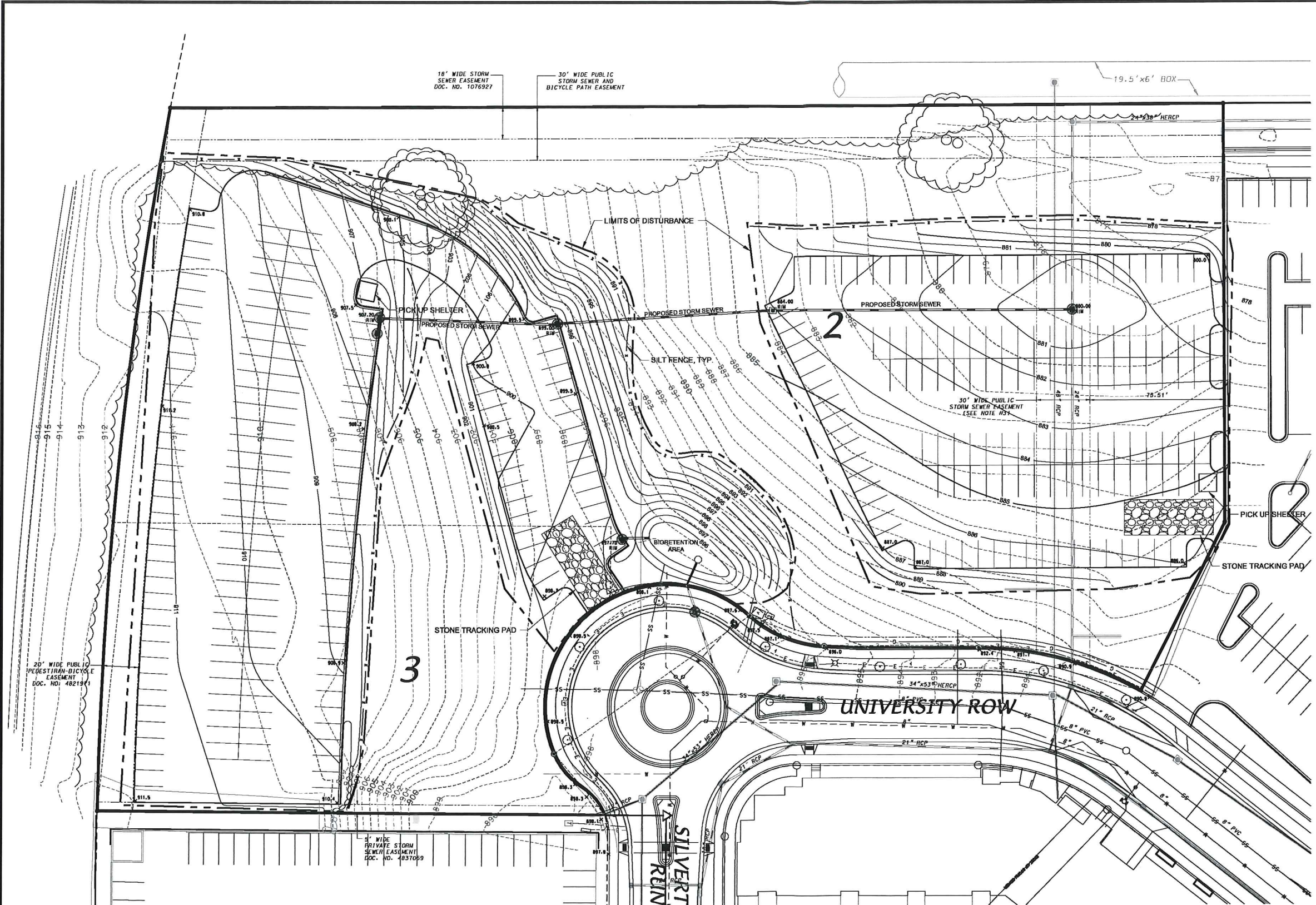
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 Sheet Number:  
 C-102



**LEGEND**

-  PROPOSED CONTOUR
-  EXISTING CONTOUR
-  SPOT ELEVATION
-  LIMITS OF DISTURBANCE
-  SILT FENCE
-  INLET FILTER



**GRADING AND EROSION CONTROL NOTES:**

1. ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED BY THE CONTRACTOR IN ACCORDANCE WITH THE WISCONSIN DNR TECHNICAL STANDARDS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF THESE STANDARDS.
2. INSTALL EROSION CONTROL MEASURES PRIOR TO ANY SITE WORK, INCLUDING GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIALS AS SHOWN ON PLAN. MODIFICATIONS TO SEDIMENT CONTROL DESIGN MAY BE CONDUCTED TO MEET UNFORESEEN FIELD CONDITIONS IF MODIFICATIONS CONFORM TO WDNR TECHNICAL STANDARDS.
3. EROSION CONTROL MEASURES INDICATED ON THE PLANS SHALL BE CONSIDERED MINIMUMS. IF DETERMINED NECESSARY DURING CONSTRUCTION THE COUNTY OR TOWN WILL REQUIRE ADDITIONAL MEASURES TO BE INSTALLED TO PREVENT SEDIMENT FROM LEAVING THE SITE.
4. INSPECTIONS AND MAINTENANCE OF ALL EROSION CONTROL MEASURES SHALL BE ROUTINE (ONCE PER WEEK MINIMUM) TO ENSURE PROPER FUNCTION OF EROSION CONTROLS AT ALL TIMES. EROSION CONTROL MEASURES ARE TO BE IN WORKING ORDER AT THE END OF EACH WORK DAY.
5. INSPECT EROSION CONTROL MEASURES AFTER EACH 1/2" OR GREATER RAINFALL. REPAIR ANY DAMAGE OBSERVED DURING THE INSPECTION.
6. NO SITE GRADING OUTSIDE OF THE LIMITS OF DISTURBANCE
7. EROSION CONTROL MEASURES SHALL BE REMOVED ONLY AFTER SITE CONSTRUCTION IS COMPLETE WITH ALL SOIL SURFACES HAVING AN ESTABLISHED VEGETATIVE COVER
8. INSTALL INLET PROTECTION IN ALL STORM SEWER INLETS AND CATCH BASINS THAT MAY RECEIVE RUNOFF FROM DISTURBED AREAS

9. CUT AND FILL SLOPES SHALL BE NO GREATER THAN 3:1
10. SLOPES EXCEEDING 4:1 SHALL BE STABILIZED WITH CLASS I, TYPE B EROSION MATTING AND ALL DRAINAGE SWALES SHALL BE STABILIZED WITH CLASS II, TYPE B EROSION MATTING.
11. ALL INCIDENTAL MUD TRACKING OFF-SITE ONTO ADJACENT PUBLIC THOROUGHFARES SHALL BE CLEANED UP AND REMOVED BY THE END OF EACH WORKING DAY USING PROPER DISPOSAL METHODS.
12. ANY DISTURBED AREA THAT REMAINS INACTIVE FOR GREATER THAN 7 DAYS SHALL BE STABILIZED WITH TEMPORARY STABILIZATION METHODS SUCH AS TEMPORARY SEEDING, SOIL TREATMENT, EROSION MATTING, OR MULCH
13. PREVENT EXCESSIVE DUST FROM LEAVING THE CONSTRUCTION SITE IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS.
14. INSTALL EROSION CONTROLS ON THE DOWNSTREAM SIDE OF STOCKPILES.
15. AT A MINIMUM ALL DISTURBED AREAS SHALL RECEIVE A MINIMUM OF 4" OF TOPSOIL FERTILIZER, SEED AND MULCH. SEE MIXTURE SHALL BE WISCONSIN DOT SEED MIX #40 OR EQUIVALENT APPLIED AT A RATE OF 5 POUNDS PER 1000 SQFT ON ALL DISTURBED AREAS. ANNUAL REYGRASS AT A RATE OF 1 1/2 POUNDS PER 1000 SQFT SHALL BE ADDED TO THE MIXTURE. FERTILIZER SHALL BE PLACED PER A SOIL TEST. SEE LANDSCAPE PLAN FOR A MORE DETAILED PLANTING PLAN AND LANDSCAPE DETAILS.
16. DEWATERING, IF APPLICABLE, SHALL BE CONDUCTED PER WDNR STORM WATER MANAGEMENT TECHNICAL STANDARD 1061.

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**SITE GRADING AND EROSION CONTROL PLAN**  
**UNIVERSITY CROSSING - LOTS 2 & 3**

CITY OF MADISON, DAIRY COUNTY, WISCONSIN



SCALE: 1" = 60'  
 (PAGE SIZE: 11x17)

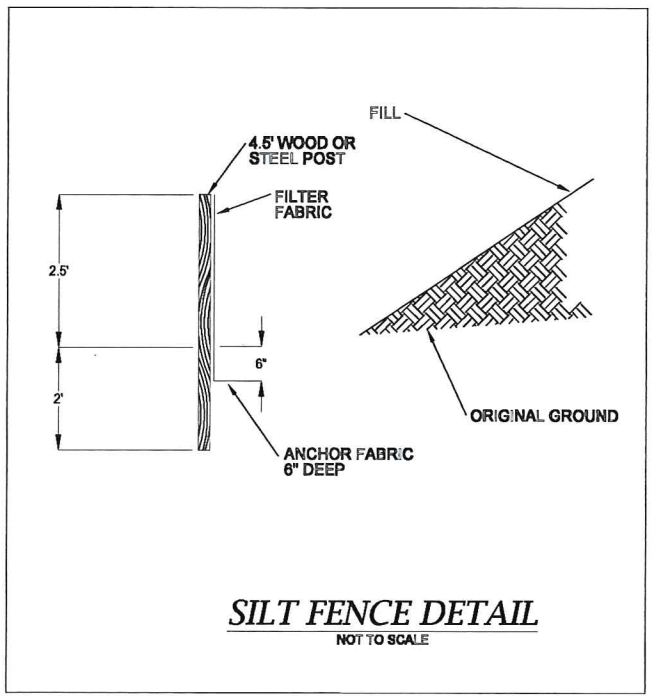
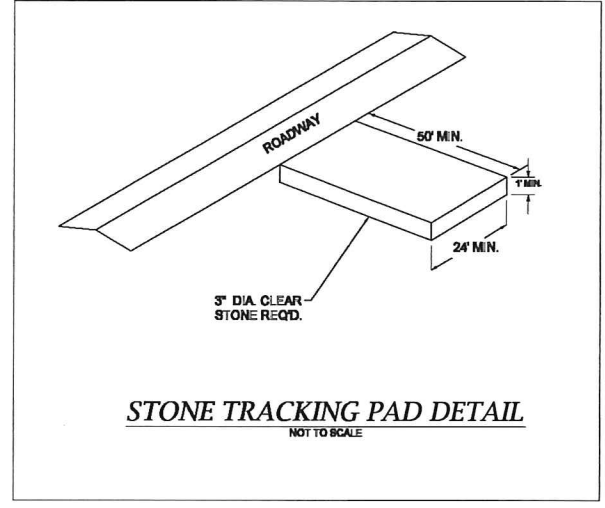
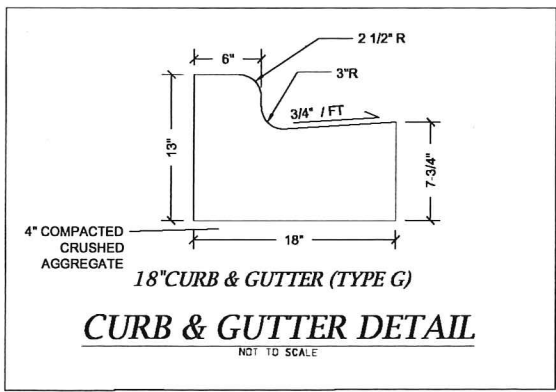
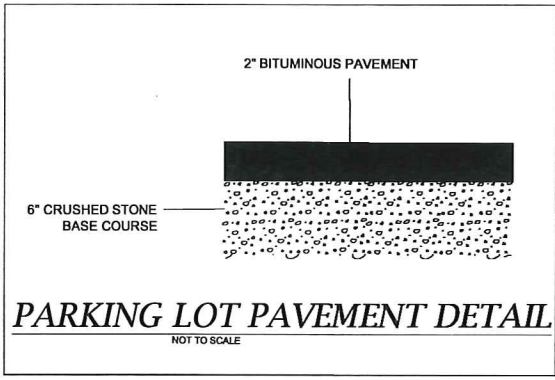
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**C-103**





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DETAILS

**UNIVERSITY CROSSING - LOTS 2 & 3**

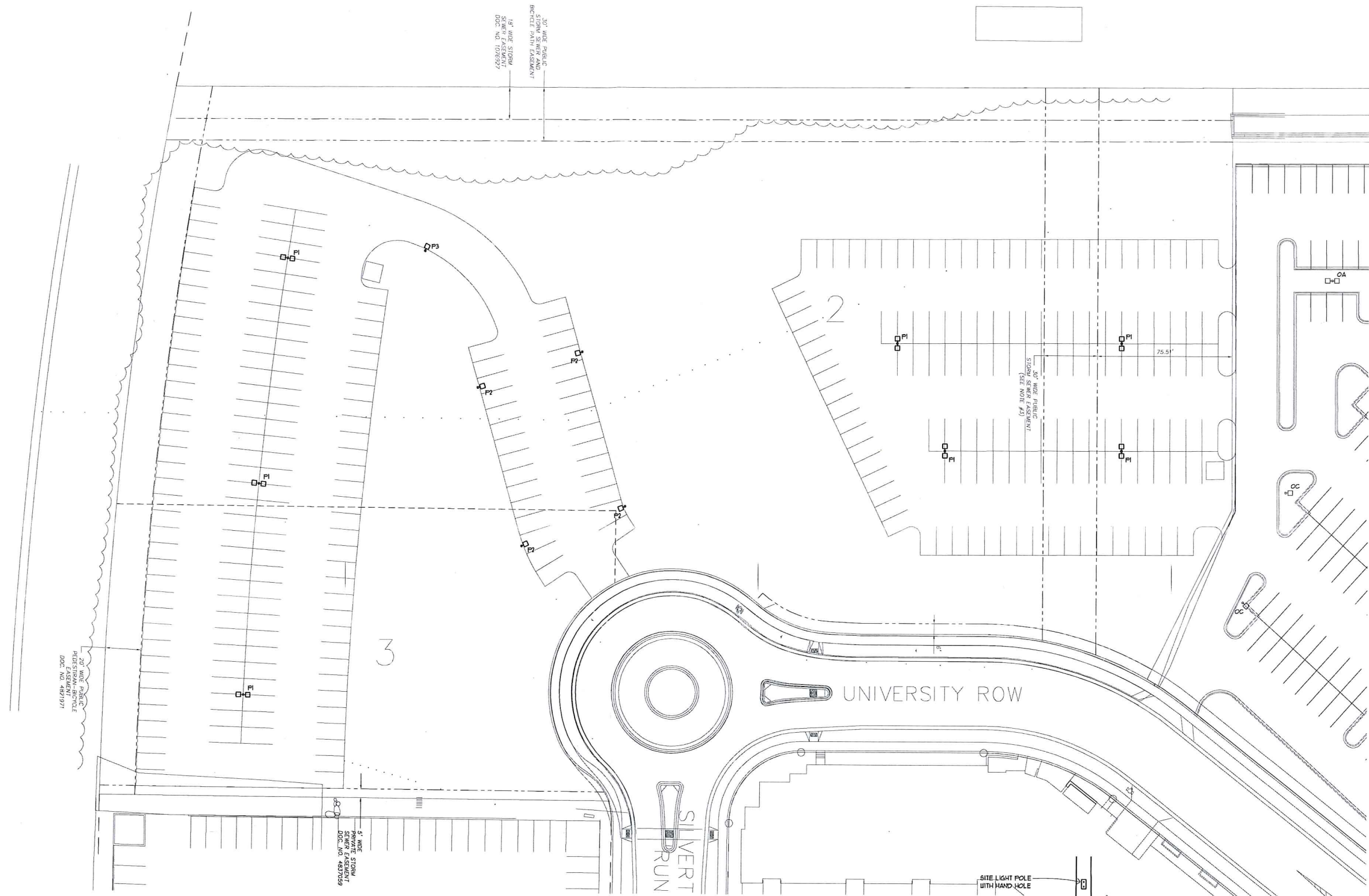
CITY OF MADISON, DANE COUNTY, WISCONSIN

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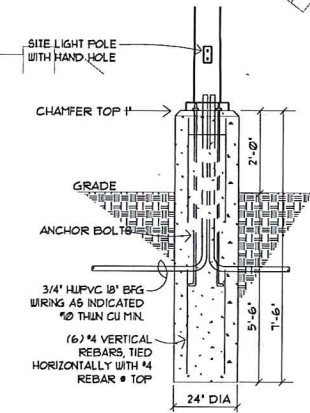
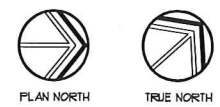
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Sheet Number:  
C-104



**SITE PLAN - ELECTRICAL**

SCALE: 1" = 30'-0"



**POLE BASE DETAIL - TYPE OA, OB, OC**  
NOT TO SCALE

**BUILDERS**  
THINKERS  
**STAFF STAFF STAFF**  
ELECTRIC COMPANY  
PARTNERS

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W133 N5030 Campbell Drive  
Menomonee Falls, WI 53051

Mailing Address • P.O. Box 917  
Butler, WI 53007-0917

Phone • 262-781-8230  
Fax • 262-781-1680  
staffelectric@staffelectric.com

PROJECT TITLE:  
**UWHC OFFICES @ UNIVERSITY CROSSING PARKING EXPANSION**

PROJECT LOCATION:  
**MADISON, WI**

SHEET TITLE:  
**ELECTRICAL SITE PLAN**

1.	
2.	
3.	
4.	
5.	
6.	

DATE: 08/04/2015

DRAWN BY: NRH

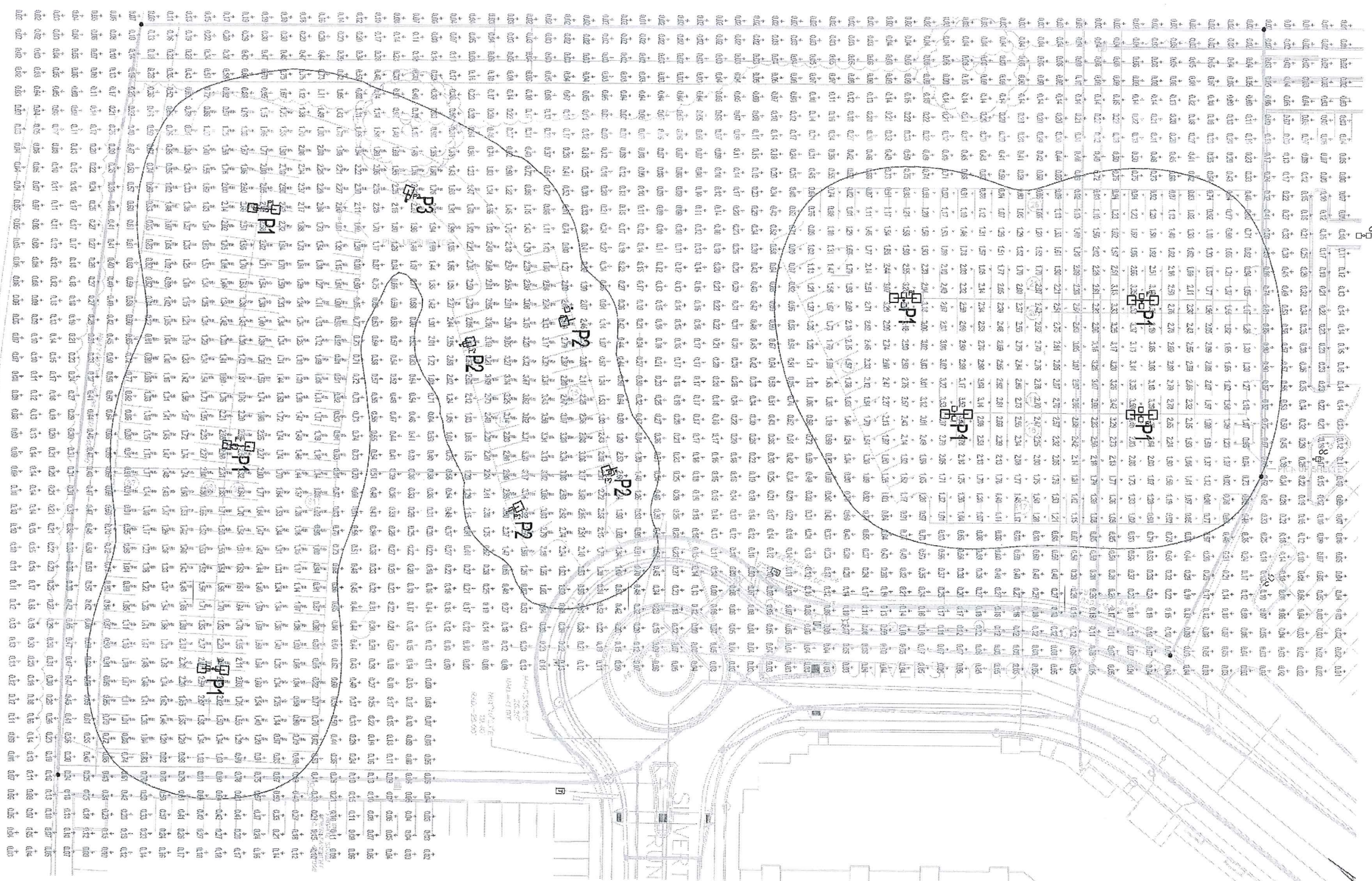
APPROVED BY: NRH

SCALE: 1" = 30'-0"

SHEET NUMBER

**E100**





CONTOURS: 0.50 FC AT 4' AFG

CALCULATION SUMMARY						
GRID HEIGHT	GROUP	AVE	MAX	MIN	MAX/MIN	AVE/MIN
At Grade	<> MISC	0.36	2.95	0.01	300.50	37.13
	<> UPPER LOT	1.99	3.58	0.64	5.62	3.11
	<#> LOWER LOT	1.76	3.62	0.72	5.06	2.46

UWHC Digestive Health LUMINAIRE SCHEDULE						
TYPE	DESCRIPTION	LAMP	LUMENS	MOUNTING	LLF	QTY
P1	McGraw-Edison Talon LED (2) TLM-B06-LED-E1-5WQ-BK	149w LED	13267	25' POLE 2' BASE	0.95	7
P2	McGraw-Edison Talon LED (1) TLM-B06-LED-E1-T4-BK	149w LED	12325	25' POLE 2' BASE	0.95	4
P3	McGraw-Edison Talon LED (1) TLM-B06-LED-E1-T3-BK	149w LED	12375	25' POLE 2' BASE	0.95	1

**SITE PLAN - PHOTOMETRIC W/ 5 fc TRESPASSING CONTOUR LINE**

SCALE: 1" = 30'-0"



**THINKERS**  
**STAFF**  
**STAFF**  
**STAFF**  
**PARTNERS**

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Design/Build

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Menomonee Falls, WI 53051

Mailing Address • P.O. Box 917  
Butler, WI 53007-0917

Phone • 262-781-8230  
Fax • 262-781-1680  
staffelectric @ staffelectric.com

PROJECT TITLE:  
**UWHC OFFICES @  
UNIVERSITY CROSSING  
PARKING EXPANSION**

PROJECT LOCATION:  
**MADISON, WI**

SHEET TITLE:  
**PHOTOMETRIC SITE PLAN  
.5 fc TRESPASSING LEVEL MARKED  
WITH CONTOUR LINE**

1.  
2.  
3.  
4.  
5.  
6.

DATE: 08/04/2015  
DRAWN BY: NRH  
APPROVED BY: NRH  
SCALE: 1" = 30'-0"  
SHEET NUMBER

**E101**



Submitted by Enterprise Lighting, LTD.



**Job Name:**

UW Digestive Health - FINAL BOM  
 Architect: Klein Lighting Design (Milwaukee)  
 Contractor: Staff Electric (Butler)

**Catalog Number:**  
 TLM-B06-LED-E1-T3-BK

Notes:

**Type:**

**OALED**

ELL12-26394

**McGRAW-EDISON®**

**DESCRIPTION**

The Talon is the most versatile, functionally designed, universally adaptable outdoor luminaire available. Incorporating modular LED LightBAR™ technology, Talon brings outstanding uniformity and energy-conscious illumination to walkways, parking lots, roadways, building areas, and any security lighting application. UL/cUL listed for wet locations.

Catalog #		Type	
Project		Date	
Comments			
Prepared by			

**SPECIFICATION FEATURES**

**Construction**

One-piece heavy-wall, die-cast aluminum construction with integral reveal channels along top surface of housing. Optimized for reliable operation from 40°C down to -30°C, internal cast-in wall separates optical and electrical chambers allowing components to operate cooler. Stainless steel latches and hinges allow for tool-less opening and removal of door frame.

**Optics**

Choice of thirteen (13) patented, high-efficiency AccuLED Optics™ manufactured from injection-molded acrylic. Optics are precisely designed to shape the distribution maximizing efficiency and application spacing. AccuLED optics create consistent distributions with the scalability to meet customized application requirements. Talon optics feature quick disconnect wiring plugs and are field-rotatable in 90° increments allowing manipulation of distribution independent of fixture position. Offered standard in 4000K (+/- 275K) CCT and nominal 70 CRI.

**Electrical**

Offered standard with LED drivers and related electrical componentry hard mounted to die-cast housing details for optimal heat transfer and operating efficiency. Talon operates from 120-277V 50/60Hz, 347V 60Hz, 480V 60Hz. Optional galvanized steel swing-down power tray with integral handle allow tray to be removed from housing providing ample hand and tool room for attachment of fixture during installation. Offered standard with the Cooper Lighting proprietary circuit module designed to withstand 10kV transient line surge. 50,000+ hour life with >70% lumen maintenance. LightBARs™ feature an IP66 enclosure rating.

**Mounting**

**Extruded 8" aluminum arm** includes internal bolt guides allowing for easy positioning of fixture during installation to pole or wall surface. Standard single carton packaging of housing, square pole arm and round pole adapter for contractor-friendly arrival of product on site. Optional mounting methods include a wall

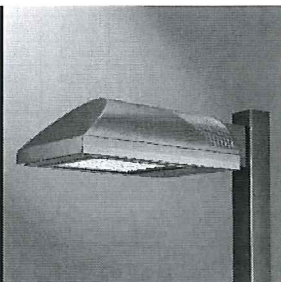
mount plate, an external mast arm that accepts 2-3/8" O.D. horizontal tenons and direct mounting to pole or wall surfaces. Tenon adapters available to slipfit over poles equipped with 2-3/8" or 3-1/2" O.D. tenon. 3G vibration rated.

**Finish**

Housing and arm finished in a 5-stage Super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard colors include black, bronze, grey, white, dark platinum, and graphite metallic. RAL and custom color matches available. Consult the McGraw-Edison Architectural Colors brochure for the complete selection.

**Warranty**

Talon LED features a five-year limited warranty.



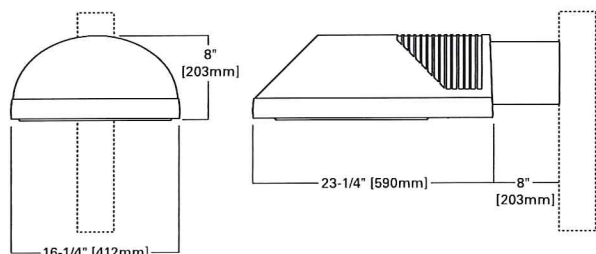
**TLM TALON MEDIUM LED**

2 - 6 LightBARs  
 Solid State LED

ARCHITECTURAL AREA LUMINAIRE

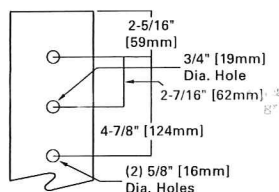
SustainableLEDesign

**DIMENSIONS**

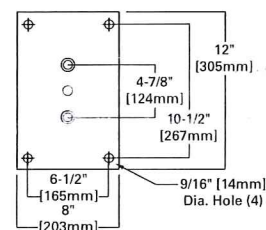


**ARM DRILLING**

**TYPE "M"**



**WALL MOUNT**



**CERTIFICATION DATA**

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

**ENERGY DATA**

**Electronic LED Driver**  
 >0.9 Power Factor  
 <20% Total Harmonic Distortion  
 120-277V/50 & 60hz, 347V/60hz, 480V/60hz  
 -30°C Minimum Temperature  
 40°C Ambient Temperature Rating

**EPA**

**Effective Projected Area:** (Sq. Ft.)  
 Luminaire w/o Arm: 0.79  
 8" Arm: 0.43

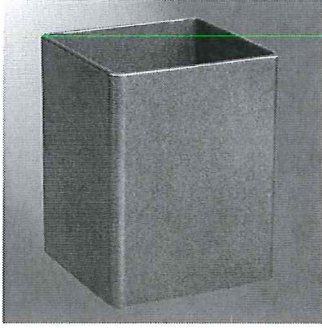
**SHIPPING DATA**

**Approximate Net Weight:**  
 42 lbs. (25.91 kgs.)



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# COOPER LIGHTING



## SSS SQUARE STRAIGHT STEEL

Catalog #		Type
Project		
Comments		Date
Prepared by		

### FEATURES

- ASTM Grade steel base plate with ASTM A366 base cover
- Hand hole assembly 3" x 5" on 5" and 6" pole; and 2" x 4" on 4" pole
- 10'-39' mounting heights
- Drilled or tenon (specify)

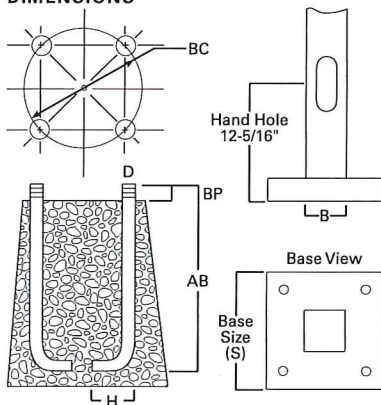
### ORDERING INFORMATION

SAMPLE NUMBER: SSS5A20SFM1XG

Product Family	Shaft Size (Inches) <sup>1</sup>	Wall Thickness (Inches)	Mounting Height (Feet)	Base Type	Finish	Mounting Type	Number and Location of Arms	Arm Lengths (Feet)	Options (Add as Suffix)
SSS=Square Straight Steel	4=4" 5=5" 6=6"	A=0.120" M=0.188" X=0.250"	10=10' 15=15' 20=20' 25=25' 30=30' 35=35' 39=39'	S=Square Steel Base	F=Dark Bronze G=Galvanized Steel J=Summit White K=Carbon Bronze L=Dark Platinum P=Primer Powder Coat R=Hartford Green S=Silver T=Graphite Metallic V=Grey W=White X=Custom Color Y=Black	2=2-3/8" O.D. Tenon (4" Long) 3=3-1/2" O.D. Tenon (5" Long) 4=4" O.D. Tenon (6" Long) 5=3" O.D. Tenon (4" Long) 6=2-3/8" O.D. Tenon (6" Long) 7=4" O.D. Tenon (10" Long) A=Type A Drilling C=Type C Drilling E=Type E Drilling F=Type F Drilling G=Type G Drilling J=Type J Drilling K=Type K Drilling M=Type M Drilling R=Type R Drilling Z=Type Z Drilling	1=Single 2=2 at 180° 3=Triple <sup>2</sup> 4=4 at 90° 5=2 at 90° X=None	X=None	A=1/2" Tapped Hub (Specify location desired) B=3/4" Tapped Hub (Specify location desired) C=Convenience Outlet <sup>3</sup> E=GFCI Convenience Outlet <sup>3</sup> G=Ground Lug H=Additional Hand Hole <sup>4</sup> L=Drilled for Bumper Glitter V=Vibration Dampener

NOTES: 1. All shaft sizes nominal. 2. Square poles are 3 at 90°, round poles are 3 at 120°. 3. Outlet is located 4' above base and on same side of pole as hand hole, unless specified otherwise. Receptacle not included, provision only. 4. Additional hand hole is located 12" below pole top and 90° from standard hand hole location, unless otherwise specified.

### DIMENSIONS



**WARNING:** The use of unauthorized accessories such as banners, signs, cameras or pennants for which the pole was not designed voids the pole warranty from Eaton's Cooper Lighting business and may result in pole failure causing serious injury or property damage. Upon request, Eaton's Cooper Lighting business will supply information regarding total loading capacity. The pole warranty from Eaton's Cooper Lighting business is void unless poles are used and installed as a complete pole/luminaire combination. This warranty specifically excludes failure as the result of a third party act or omission, misuse, unanticipated uses, fatigue failure or similar phenomena resulting from induced vibration, harmonic oscillation or resonance associated with movement of air currents around the product.

Specifications and dimensions subject to change without notice. Consult your Eaton's Cooper Lighting business representative or visit [www.cooperlighting.com](http://www.cooperlighting.com) for available options, accessories and ordering information.

**Cooper Lighting**

by **EATON**

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**Effective Projected Area (At Pole Top)**

Mounting Height (Feet)	Catalog Number <sup>1,2</sup>	Wall Thickness (Inches)	Base Square <sup>3</sup> (Inches)	Bolt Circle Diameter (Inches)	Anchor Bolt Projection <sup>3</sup> (Inches)	Shaft Size <sup>3</sup> (Inches)	Anchor Bolt Diameter x Length x Hook (Inches)	Net Weight (Pounds)	Maximum Effective Projected Area (Square Feet) <sup>4</sup>				Max. Fixture Load - Includes Bracket (Pounds)
									80 mph	90 mph	100 mph	110 mph	
MH			S	BC	BP	B	D x AB x H						
10	SSS4A10S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	85	30.0	22.0	17.0	13.0	100
15	SSS4A15S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	118	15.0	11.5	8.7	6.5	100
20	SSS4A20S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	150	8.7	5.9	3.9	2.5	150
20	SSS5A20S	0.120	10-1/2	11	4-1/2	5	3/4 x 25 x 3	183	15.4	11.1	7.9	5.5	150
25	SSS4A25S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	181	3.7	1.7	0.3	--	200
25	SSS5A25S	0.120	10-1/2	11	5	5	3/4 x 25 x 3	222	9.3	6.0	3.5	1.6	200
25	SSS6A25S	0.120	12-1/2	12-1/2	5	6	1 x 36 x 4	284	9.9	6.1	3.5	1.2	200
30	SSS5A30S	0.120	10-1/2	11	4-1/2	5	3/4 x 25 x 3	260	4.7	2.1	--	--	200
30	SSS5M30S	0.188	10-1/2	11	4-1/2	5	3/4 x 25 x 3	392	10.4	6.4	3.5	1.5	200
30	SSS6A30S	0.120	12-1/2	12-1/2	5	6	1 x 36 x 4	330	4.3	1.4	--	--	200
30	SSS6M30S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	489	19.0	13.0	8.7	5.6	200
35	SSS5M35S	0.188	10-1/2	11	4-1/2	5	3/4 x 25 x 3	453	5.8	2.8	--	--	200
35	SSS6M35S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	564	12.8	7.2	3.7	1.0	200
35	SSS6X35S	0.250	12-1/2	12-1/2	5	6	1 x 36 x 4	738	16.5	11.0	6.8	3.5	200
39	SSS6M39S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	618	7.3	3.0	--	--	300
39	SSS6X39S	0.250	12-1/2	12-1/2	5	6	1 x 36 x 4	816	13.0	7.0	3.7	0.8	300

**Effective Projected Area (Two Feet Above Pole Top)**

Mounting Height (Feet)	Catalog Number <sup>1,2</sup>	Wall Thickness (Inches)	Base Square <sup>3</sup> (Inches)	Bolt Circle Diameter (Inches)	Anchor Bolt Projection <sup>3</sup> (Inches)	Shaft Size <sup>3</sup> (Inches)	Anchor Bolt Diameter x Length x Hook (Inches)	Net Weight (Pounds)	Maximum Effective Projected Area (Square Feet) <sup>4</sup>				Max. Fixture Load - Includes Bracket (Pounds)
									80 mph	90 mph	100 mph	110 mph	
MH			S	BC	BP	B	D x AB x H						
10	SSS4A10S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	85	23.0	17.5	14.0	11.0	100
15	SSS4A15S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	118	13.4	10.0	7.5	5.7	100
20	SSS4A20S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	150	7.6	5.2	3.4	2.1	150
20	SSS5A20S	0.120	10-1/2	11	4-1/2	5	3/4 x 25 x 3	183	13.8	9.9	7.1	4.9	150
25	SSS4A25S	0.120	10-1/2	11	4-1/2	4	3/4 x 25 x 3	181	3.4	1.6	0.3	--	200
25	SSS5A25S	0.120	10-1/2	11	5	5	3/4 x 25 x 3	222	8.5	5.5	3.2	1.5	200
25	SSS6A25S	0.120	12-1/2	12-1/2	5	6	1 x 36 x 4	284	9.1	5.6	3.0	1.2	200
30	SSS5A30S	0.120	10-1/2	11	4-1/2	5	3/4 x 25 x 3	260	1.8	--	--	--	200
30	SSS5M30S	0.188	10-1/2	11	4-1/2	5	3/4 x 25 x 3	392	9.6	5.9	1.9	0.2	200
30	SSS6A30S	0.120	12-1/2	12-1/2	5	6	1 x 36 x 4	330	4.1	1.3	--	--	200
30	SSS6M30S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	489	18.5	12.5	8.4	5.3	200
35	SSS5M35S	0.188	10-1/2	11	4-1/2	5	3/4 x 25 x 3	453	5.5	2.4	--	--	200
35	SSS6M35S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	564	11.8	7.0	3.5	1.0	200
35	SSS6X35S	0.250	12-1/2	12-1/2	5	6	1 x 36 x 4	738	16.0	10.5	6.4	3.4	200
39	SSS6M39S	0.188	12-1/2	12-1/2	5	6	1 x 36 x 4	618	7.0	2.4	--	--	300
39	SSS6X39S	0.250	12-1/2	12-1/2	5	6	1 x 36 x 4	816	12.0	6.7	3.0	0.5	300

**NOTES:**

1. Catalog number includes pole with hardware kit. Anchor bolts not included. Before installing, make sure proper anchor bolts and templates are obtained from Eaton's Cooper Lighting business.
2. Tenon size or machining for rectangular arms must be specified. Hand hole position relative to drill location.
3. Shaft size, base square, anchor bolts and projections may vary slightly. All dimensions nominal.
4. EPAs based on shaft properties with wind normal to flat. EPAs calculated using base wind velocity as indicated plus 30% gust factor.