APPLICATION FOR
URBAN DESIGN COMMISSION
REVIEW AND APPROVAL

AGENDA ITEM # _____
Project # _____
Legistar # _____

DATE SUBMITTED: 08/02/2013

UDC MEETING DATE: 08/07/2013

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

PLEASE PRINT!

PLEASE PRINT!

PROJECT ADDRESS: 1613 North Sherman Avenue

ALDERMANIC DISTRICT: 12

OWNER/DEVELOPER (Partners and/or Principals)
Madison Water Utility
Alan Larson, Principal Engineer
119 E Olin Ave
Madison WI 53713

ARCHITECT/DESIGNER/OR AGENT:
Engineer
Strand Associates, Inc.
Andy Mullendore, P.E./ Mark Oleinik, P.E.
910 W Wingra Drive
Madison WI 53715

CONTACT PERSON: Andy Mullendore
Address: 910 W Wingra Drive
Madison, WI 53715
Phone: 608-251-2129 Ext 1108
Fax: 608-251-8655
E-mail address: andy.mullendore@strand.com

Architect
Potter Lawson
Doug Hursh, AIA
15 Ellis Potter Ct
Madison, WI 53711

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)
_X_ 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.

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

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: 1613 North Sherman Avenue

Project Title (if any): Well No. 7 Reconstruction: Madison Water Utility

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

☐ **Zoning Map Amendment from** _____ to _____

☐ **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:** _____

3. Applicant, Agent & Property Owner Information:

Applicant Name: Alan Larson, P.E. Company: Madison Water Utility

Street Address: 119 East Olin Ave City/State: Madison WI Zip: 53713

Telephone: (608) 266-4653 Fax: (608) 266-4426 Email: allarson@madisonwater.org

Project Contact Person: Andy Mullendore Company: Strand Associates, Inc

Street Address: 910 West Wingra Drive City/State: Madison WI Zip: 53175

Telephone: (608) 251-4843 Fax: (608) 251-8655 Email: andy.mullendore@strand.comMadi

Property Owner (if not applicant): Madison Water Utility

Street Address: See above City/State: _____ Zip: _____

4. Project Information:

Provide a brief description of the project and all proposed uses of the site: This project involves the demolition and reconstruction of the Madison Water Utility Well No. 7.

Development Schedule: Commencement September 2013 Completion September 2014

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 ½ 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
- Existing Conditions
- Project Schedule
- Proposed Uses (and ft^2 of each)
- Hours of Operation
- Building Square Footage
- Number of Dwelling Units
- Auto and Bike Parking Stalls
- Lot Coverage & Usable Open Space Calculations
- Value of Land
- Estimated Project Cost
- Number of Construction & Full-Time Equivalent Jobs Created
- Public Subsidy Requested

☒ **Filing Fee**: Refer to the Land Use Application Information & Fee Schedule. Make checks payable to: *City Treasurer.*
Fee will be paid through intergovernmental transfer contact Alan Larson

☒ **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:
Sent Dec. 5, 2012 to Rhodes-Conway, Sherman, Brentwood Village, Sheridan Triangle Neighborhood Associations, Maple Wood Condo Assoc. and Northside Business Assoc.
→ 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: Parks *Date:* 1/28/2013 *Zoning Staff:* Martin *Date:* 1/28/2013

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

Name of Applicant ALAN L. LARSON Relationship to Property: Engineer

Authorizing Signature of Property Owner [signature] Date 5/7/13

STRAND ASSOCIATES®

Strand Associates, Inc.®
910 West Wingra Drive
Madison, WI 53715
(P) 608-251-4843
(F) 608-251-8655

May 8, 2013

Planning & Community & Economic Office
Planning Division
115 Martin Luther King Jr. Blvd., Suite LL 100
Madison Municipal Building
Madison, WI 53703

Re: Madison Water Utility Well No. 7 Reconstruction
1613 North Sherman Avenue

Dear Plan Commission:

This letter serves as the Letter of Intent for the Madison Well No. 7 Reconstruction project for the City of Madison Water Utility (MWU). The following describes the project.

1. Project Name: Madison Well No. 7 Reconstruction

2. Preliminary Construction Schedule:

Advertisement	August 2013
Notice to Proceed	September-November 2013
Construction completion	November 2014

3. Description of Existing Conditions: The existing site contains a well and ground-level reservoir. The facility is undersized for today's standards, needs additional space for water treatment to improve water quality, and has features that are not in compliance with current Wisconsin Department of Natural Resources requirements. The existing facilities are flat-roofed structures of masonry constructed in the 1940s. Access to the site is from a single driveway from Sherman Avenue. The water utility has purchased the two adjoining properties, one to the north and the other to the east to allow for the larger facilities required to provide the required level of water treatment and fire protection.

4. Names of People Involved: Andy Mullendore is the lead project engineer for Strand Associates, Inc.® Strand Associates, Inc.® will serve as the engineer. Mark Oleinik is the Strand Project Manager and may be contacted as a backup to Andy Mullendore. Alan Larson, MWU's Principal Engineer, is the Project Manager for the MWU. The project architect is Doug Hursh of Potter Lawson, Inc. The project will be publicly bid, so the contractor is unknown at this time.

5. Uses: The entire facility is dedicated to the production, treatment, storage, and pumping of municipal drinking water by the MWU.

6. Gross Square Footage: The proposed building square footage is 6,810 square feet.

7. The current facility and proposed new facility are designed to run automatically through the MWU Supervisory Control and Data Acquisition system without any on-site employees needed. Standard operating procedure calls for an operator to visit the site on a daily basis during normal business hours (7 A.M. through 4 P.M.). This will be a single vehicle. Deliveries of water treatment chemicals are made on a weekly basis.

8. Capacity: Not Applicable.

9. Hours of Operation: Please see description in item 7 above.

10. Square Footage of Site:

1613 Sherman Ave	.25 AC
1701 Schlimgen Ave	.13 AC
1713 Schlimgen Ave	.15 AC
Total	.53 AC

11. Number of Dwelling Units: Not Applicable.

12. Potential School Children: Not Applicable.

13. Trash Removal and Storage, Snow Removal, and other Maintenance Equipment Requirements: The Rounder who visits the site on a daily basis removes trash as necessary. Snow removal is by the Water Utility Staff.

If additional information is required, please contact Andy Mullendore, Mark Oleinik, or Alan Larson.

Sincerely,

STRAND ASSOCIATES, INC.®

Andy Mullendore, P.E.

Enclosures

c: Alan Larson, P.E. Madison Water Utility
Doug Hush, AIA Potter Lawson, Inc.
Mark Oleink, P.E. Strand Associates, Inc.

Brief Narrative Description
Madison Well No. 7 Reconstruction
1613 North Sherman Avenue
May 1, 2013

The proposed Well No. 7 reconstruction project is a Madison Water Utility (MWU) project to reconstruct and improve an existing well house and reservoir. The final facility will include a well, chlorine addition, fluoride addition, filtration, 500,000 gallon ground level reservoir, booster pumping station, and stand by power generation. The project will demolish the existing well house and reservoir at 1613 North Sherman Avenue. MWU is in the process of acquiring the properties at 1701 Schlimgen Avenue and 1713 Schlimgen Avenue. The structures on these properties will either be relocated or demolished to provide space for the new facility in accordance with water utility policies.

Well No. 7 is a critical component of the water supply system. The objective of this project is to improve water quality, eliminate code deficiencies in the existing facility, improve reliability, improve fire protection, and bring the site up to current water utility standards.

MWU has held eight Citizen Advisory Panel and Public Meetings regarding the proposed construction of this facility. A public hearing in front of the water board was also held. The input from these interactions is incorporated into the preliminary designs being presented to the UDC.

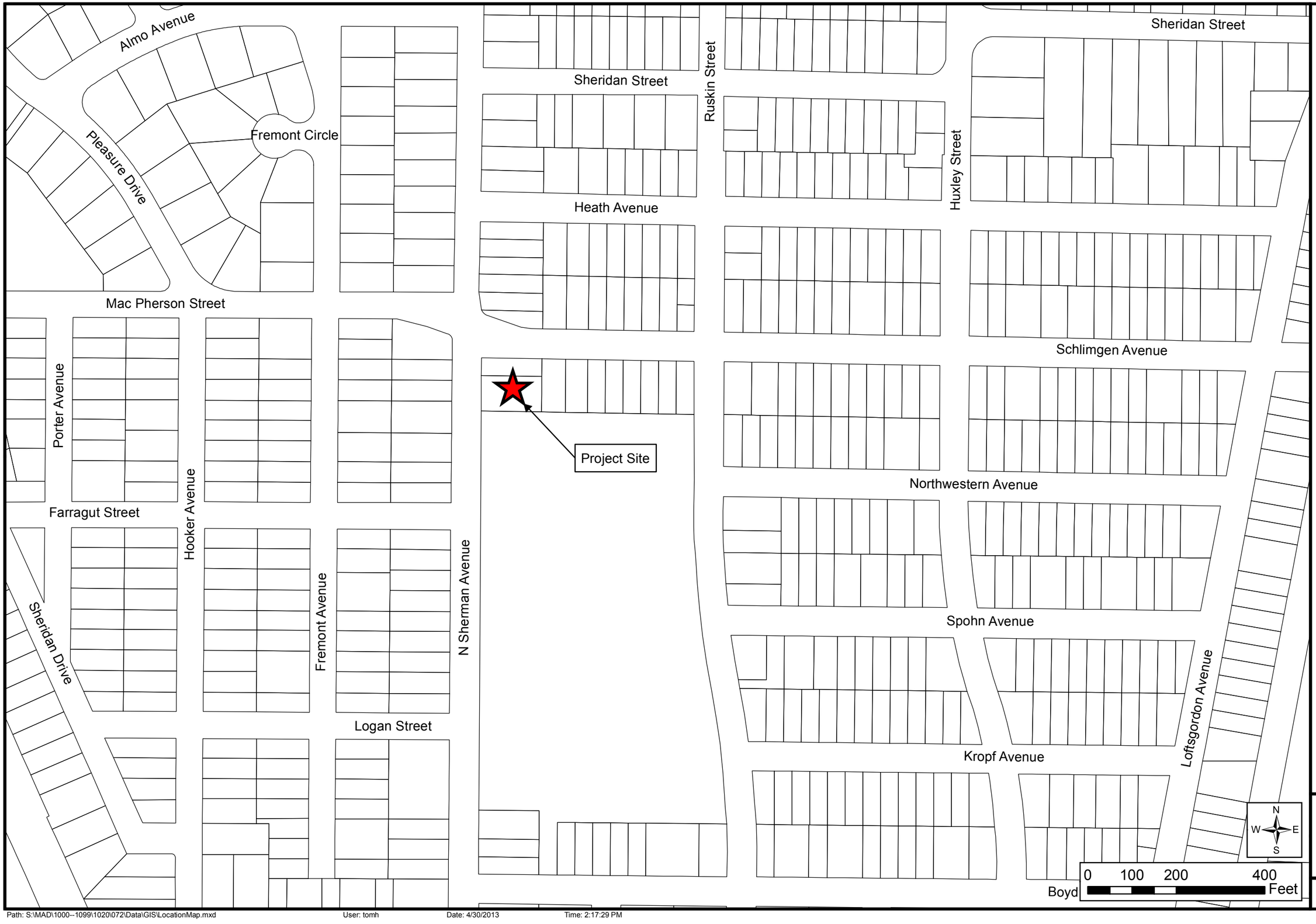
The proposed structure will be approximately 6,810 square feet.

The current facility and proposed new facility is designed to run automatically through the MWU Supervisory Control and Data Acquisition system without any on-site employees needed. Standard operating procedure calls for an operator to visit the site on a daily basis during normal business hours (7 a.m. through 4 p.m.). This will be a single vehicle. Deliveries of water treatment chemicals are made on a weekly basis.

Legal Description for 1613 North Sherman Avenue

CLYDE A. GALLAGHER'S SHERMAN AVENUE. SUBDIVISION, BLK 1, LOTS 4 & 5.

Parcel No. 251/0810-312-1501-6



LOCATION MAP
1613 NORTH SHERMAN AVENUE

WELL NO. 7 RECONSTRUCTION
MADISON WATER UTILITY
DANE COUNTY, WISCONSIN

STRAND ASSOCIATES®

FIGURE 1
1020.072

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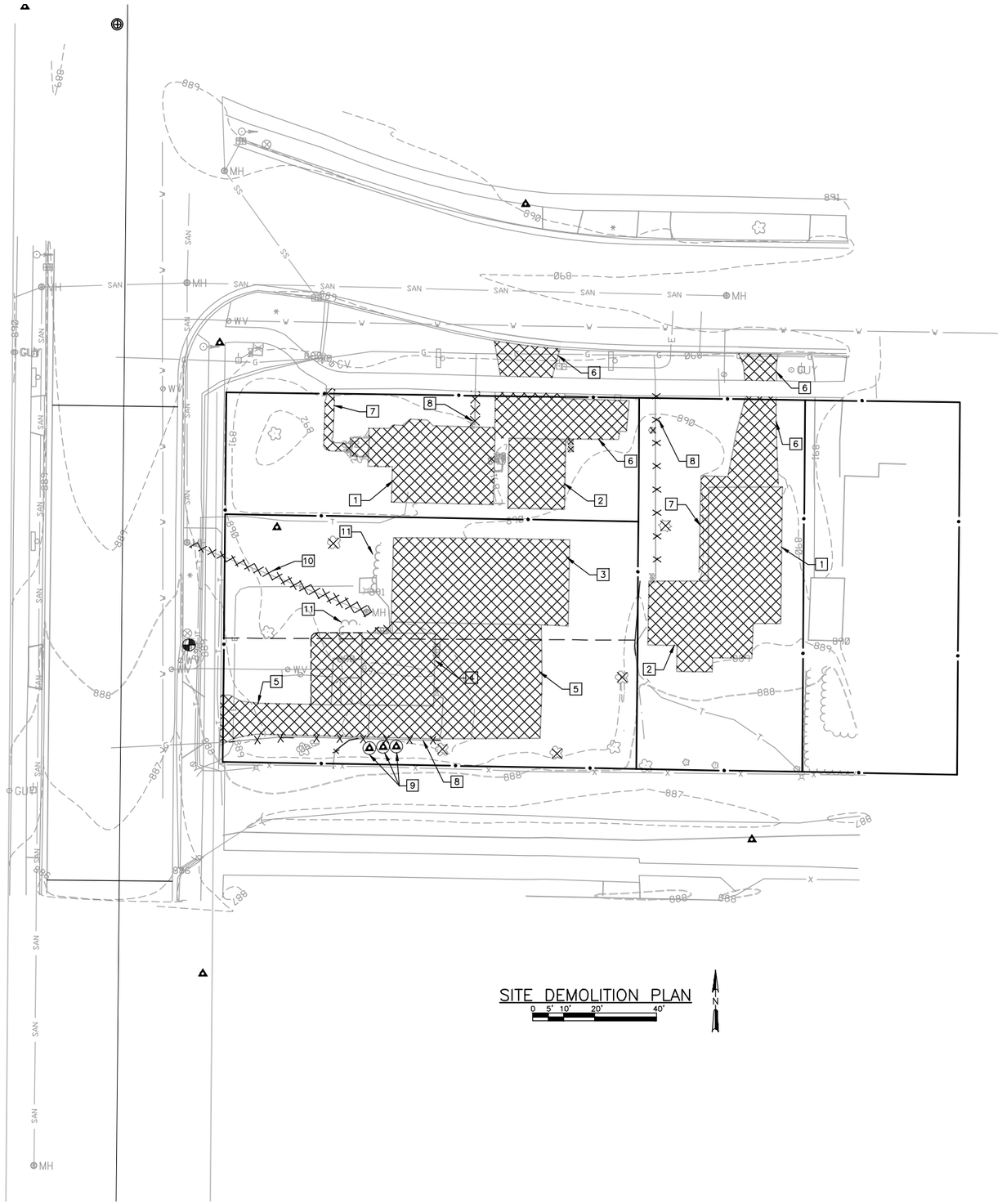

SITE DEMOLITION PLAN

0 5' 10' 20' 40'

N

GENERAL NOTES:

1. UNLESS NOTED BELOW REMOVAL OF STRUCTURES AND OTHER IMPROVEMENTS ARE BY CONTRACTOR.
2. SALVAGE EXTERIOR STONE ON WELL AND RESERVOIR FOR RE-USE AS SHOWN ON DRAWINGS.

KEY NOTES:

1. REMOVE EXISTING HOUSE BY MADISON WATER UTILITY.
2. REMOVE EXISTING GARAGE BY MADISON WATER UTILITY.
3. REMOVE EXISTING GROUND LEVEL RESERVOIR.
4. REMOVE EXISTING WELL HOUSE.
5. REMOVE EXISTING ASPHALT/CONCRETE DRIVEWAY.
6. REMOVE EXISTING CONCRETE DRIVEWAY APRONS.
7. REMOVE SIDEWALK.
8. REMOVE/ABANDON EXISTING UTILITIES TO DEMOLISHED STRUCTURES. COORDINATE WITH RESPECTIVE UTILITIES.
9. PROTECT EXISTING MONITORING WELL.
10. REMOVE EXISTING MANHOLE AND SANITARY SEWER LATERAL.
11. REMOVE EXISTING BUSHES.

NO. | REVISIONS | DATE:

SITE DEMOLITION PLAN

WELL NO. 7 RECONSTRUCTION
1613 N. SHERMAN AVENUE
CITY OF MADISON
MADISON, WISCONSIN

JOB NO.
1020.072

PROJECT MGR.
MARK OLEINIK

STRAND ASSOCIATES®

SHEET
D1.1

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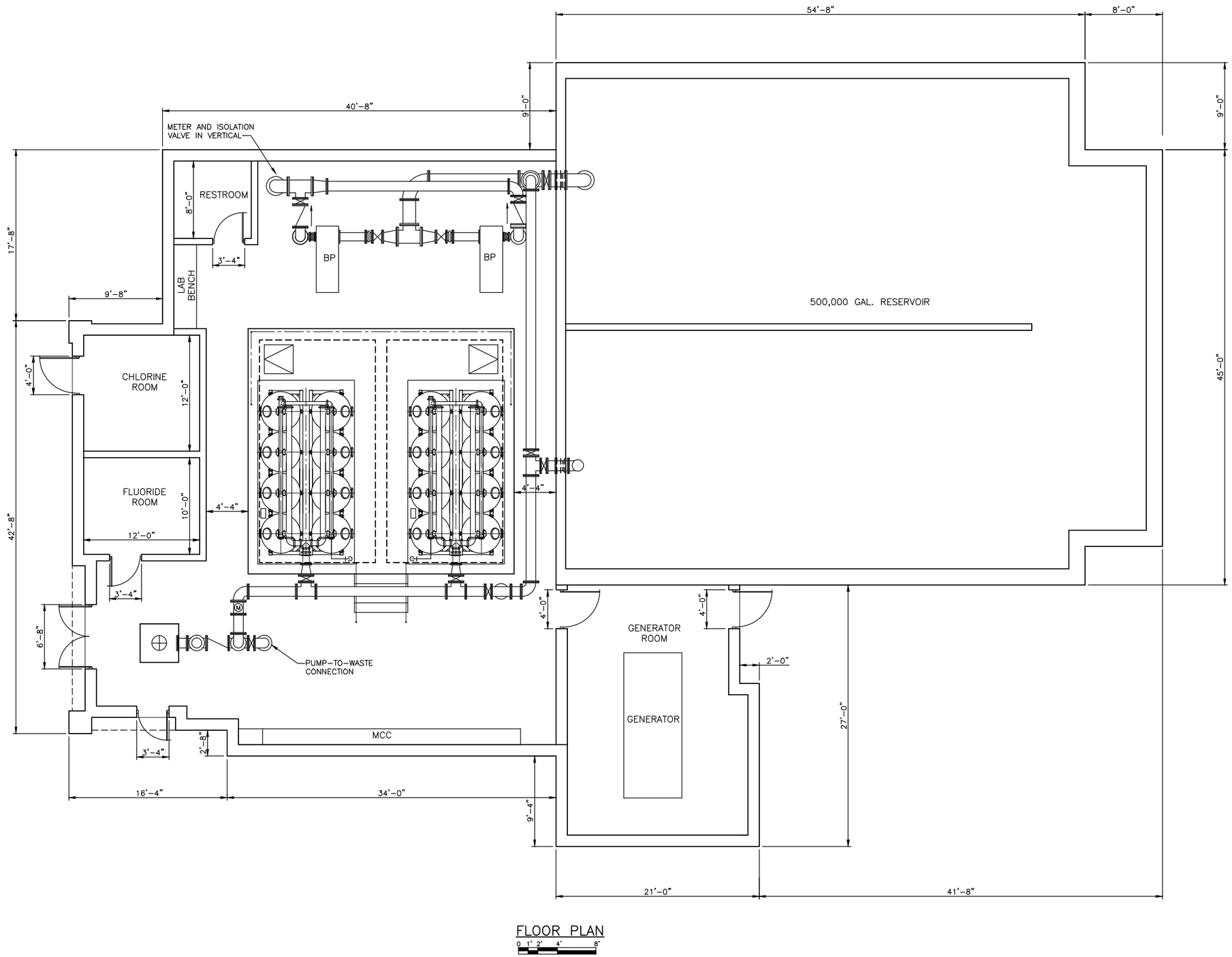


FLOOR PLAN

0 1' 2' 4' 8'

NO.	REVISIONS	DATE:

FLOOR PLAN

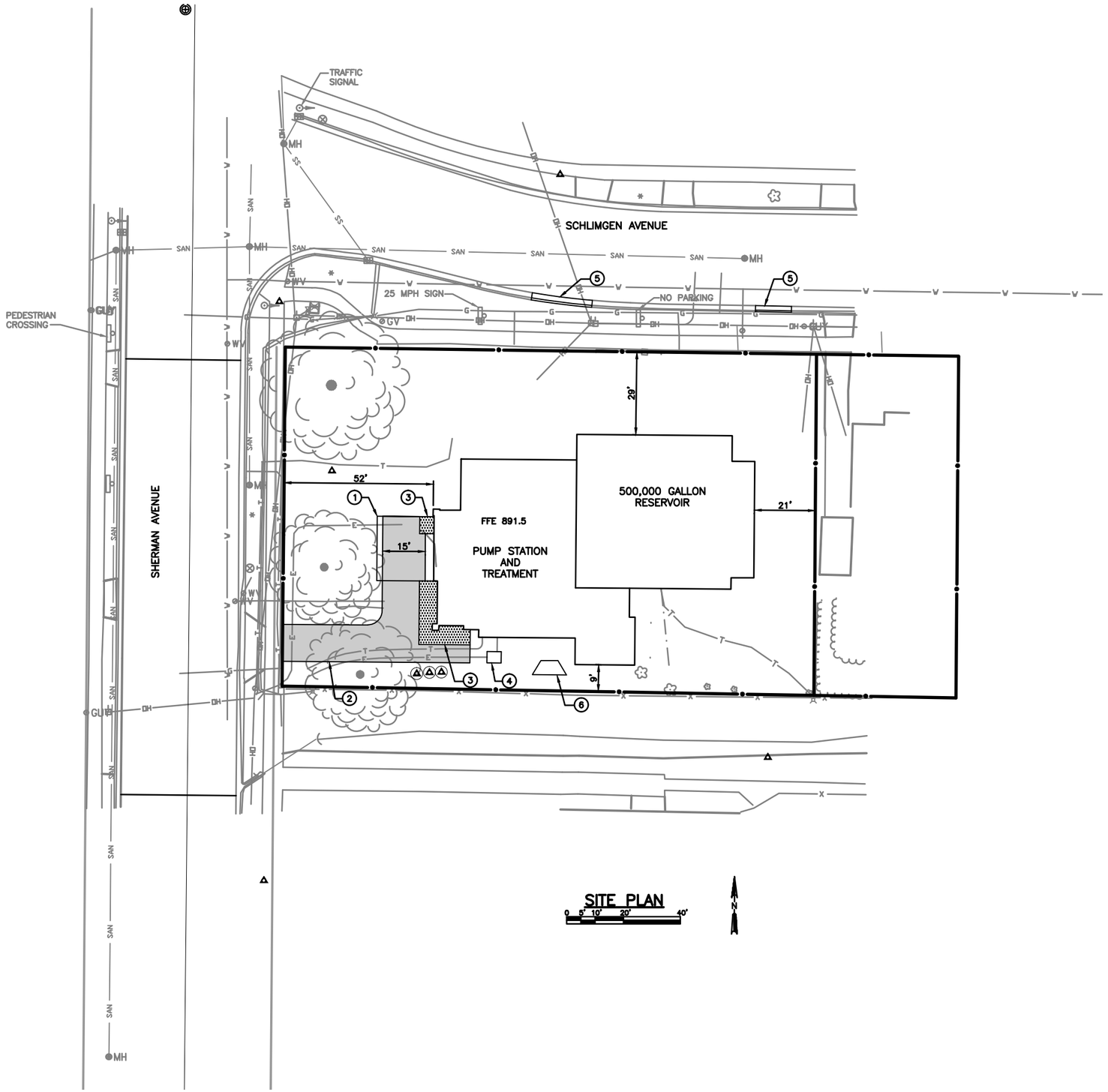
WELL NO. 7 RECONSTRUCTION
1613 N. SHERMAN AVENUE
CITY OF MADISON
MADISON, WISCONSIN

JOB NO. 1020.072

PROJECT MGR. MARK OLEINIK

STRAND ASSOCIATES®

SHEET A1.1



KEY NOTES:

1. 3-FOOT TALL, 2 FOOT THICK WALL.
2. ASPHALT DRIVE.
3. CONCRETE STOOP.
4. ELECTRICAL TRANSFORMER.
5. NEW CURB AND GUTTER. MATCH EXISTING SECTION AND GRADE. SEE STANDARD SPECIFICATIONS.
6. OVERFLOW STRUCTURE.

LEGEND:

- EXISTING ASPHALT PAVEMENT
- EXISTING SIDEWALK/CONCRETE PAVEMENT
- EXISTING GRAVEL
- NEW ASPHALT PAVEMENT
- NEW SIDEWALK/CONCRETE PAVEMENT
- EROSION CONTROL MAT
- STONE MULCH
- NEW GRAVEL

NO.	REVISIONS	DATE:
1	PLANNING COMMISSION SUBMITTAL	05/09/13

OVERALL SITE PLAN

WELL NO. 7 RECONSTRUCTION
1613 N. SHERMAN AVENUE
CITY OF MADISON
MADISON, WISCONSIN

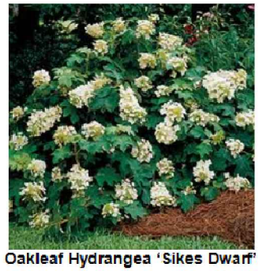
JOB NO.
1020.072

PROJECT MGR.
MARK OLEINIK

STRAND ASSOCIATES®

SHEET
C1.2

American Hornbeam



Oakleaf Hydrangea 'Sikes Dwarf'

Blackhaw Viburnum

Serviceberry 'Sprizam'

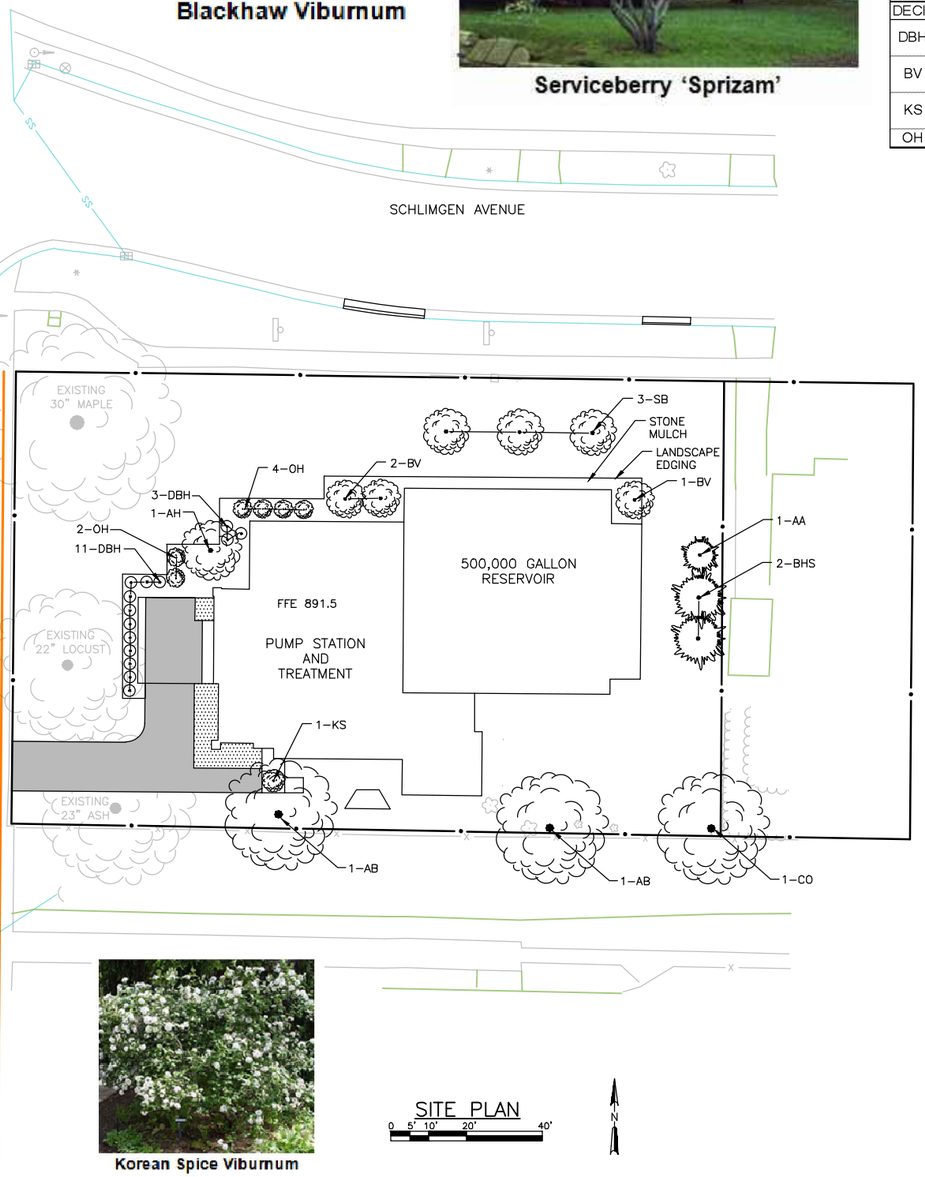
PLANT DATA CHART

PLANT CODE	COMMON NAME	SCIENTIFIC NAME	AVG. MATURE HEIGHT	SIZE WHEN PLANTED
DECIDUOUS TREES				
AB	Autumn Blaze Maple	Acer rubrum 'Autumn Blaze'	50'	2"Cal.
AH	American Hornbeam	Carpinus caroliniana	25'	1.5" Cal.
CO	Chinkapin Oak	Quercus muehlenbergii	50'	2.5" Cal
SB	Serviceberry Sprizam	Amelanchier canadensis 'Sprizam'	12'	1.5"Cal.
EVERGREEN TREES				
BHS	Black Hills Spruce	Picea glauca 'Densata'	35'	6' HT
AA	American Arborvitae	Thuja occidentalis 'Techny'	12'	5' HT
DECIDUOUS SHRUBS				
DBH	Dwarfbush Honeysuckle	Diervilla lonicera	3'	24" HT
BV	Blackhaw Viburnum	Viburnum prunifolium	15'	5' HT
KS	Koreanspice Viburnum	Viburnum carleii	5'	3' HT
OH	Oakleaf Hydrangea	Hydrangea quercifolia	4-6'	24" HT

Chinkapin Oak

Dwarf Bush Honeysuckle

Autumn Blaze Maple



Korean Spice Viburnum

SITE PLAN

0 5' 10' 20' 40'

N

Techny Arborvitae

Black Hills Spruce

NO.	REVISIONS	DATE:
1	PLANNING COMMISSION SUBMITTAL	05/08/13

LANDSCAPING PLAN

WELL NO. 7 RECONSTRUCTION
1613 N. SHERMAN AVENUE
CITY OF MADISON
MADISON, WISCONSIN

JOB NO. 1020.072

PROJECT MGR. MARK OLEINIK

STRAND ASSOCIATES®

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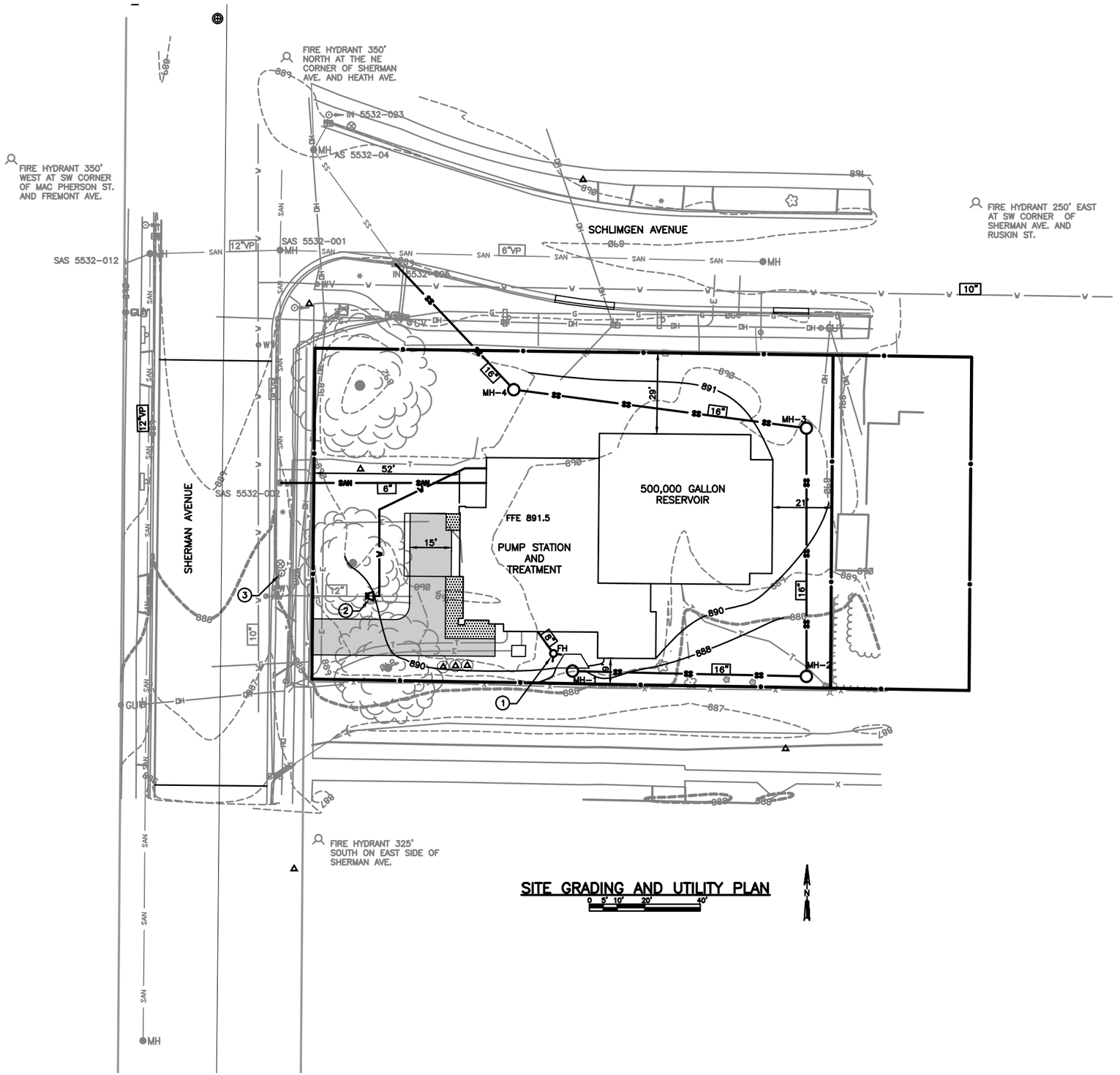

KEY NOTES:

1. FLUSHING HYDRANT PAINT WHITE
2. 12x16 REDUCER WITH ISOLATION VALVE.
3. EXISTING HYDRANT W/ ISOLATION VALVE.

MANHOLE NOTES:

SAS 5432-012

RIM	889.56	
IE. E	870.38	12"VP
IE. W	881.08	6"(LATERAL)
IE. S	870.36	12"VP

SAS 5532-001

RIM	889.56	
IE.N	870.65	10"VP
IE.S	875.43	8"VP
IE.W	870.52	12"VP
IE. E	882.87	6"VP
	870.89	DROP 6"VP

SAS 5532-002

RIM	888.70	
IE. N	876.39	8"VP
IE. E	876.50	8"VP (LATERAL)
IE. S	876.38	8"VP

IN 5532-025

RIM	808.67	
IE. N	883.13	12"RCP
IE. S	883.2	16"DI

AS 5532-04

RIM	888.92	
IE. S	884.48	12"RCP
IE. NE	884.33	12"RCP
IE. N	883.13	15"RCP

MH-1

RIM INLET	888.3	
IE. E	886.3	16"DI

MH-2

RIM	887.5±	
IE. W	885.8	16"DI
IE. N	888.8	16"DI

MH-3

RIM	890.3±	
IE. S	885.2	16"DI
IE. W	885.2	16"DI

MH-4

RIM	891.2	
IE. E	884.6	16"DI
IE. N	884.6	16"DI

LEGEND:

- EXISTING ASPHALT PAVEMENT
- EXISTING SIDEWALK/CONCRETE PAVEMENT
- EXISTING GRAVEL
- NEW ASPHALT PAVEMENT
- NEW SIDEWALK/CONCRETE PAVEMENT
- EROSION CONTROL MAT
- STONE MULCH
- NEW GRAVEL

NO.	REVISIONS	DATE:
1	PLANNING COMMISSION SUBMITTAL	05/08/13

SITE GRADING AND UTILITY PLAN

WELL NO. 7 RECONSTRUCTION
1613 N. SHERMAN AVENUE
CITY OF MADISON
MADISON, WISCONSIN

JOB NO.
1020.072

PROJECT MGR.
MARK OLEINIK

STRAND ASSOCIATES®

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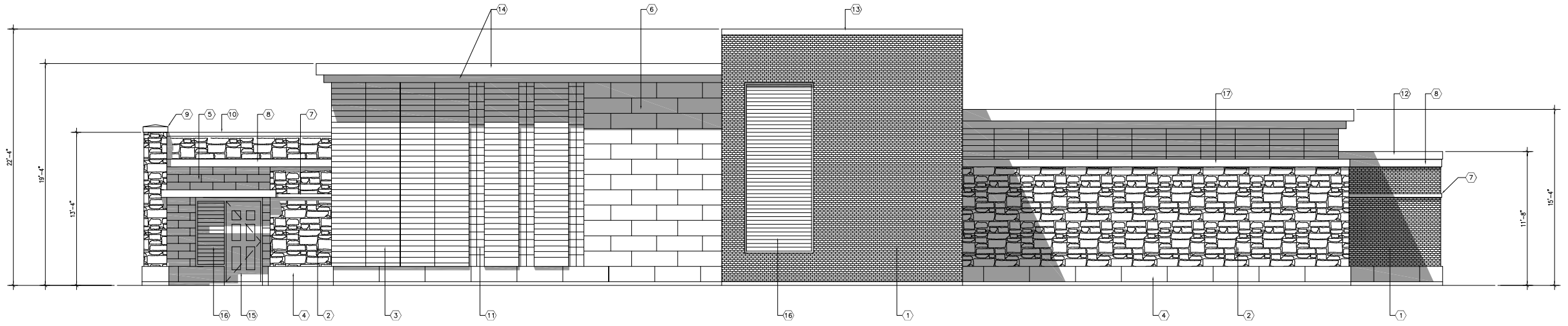
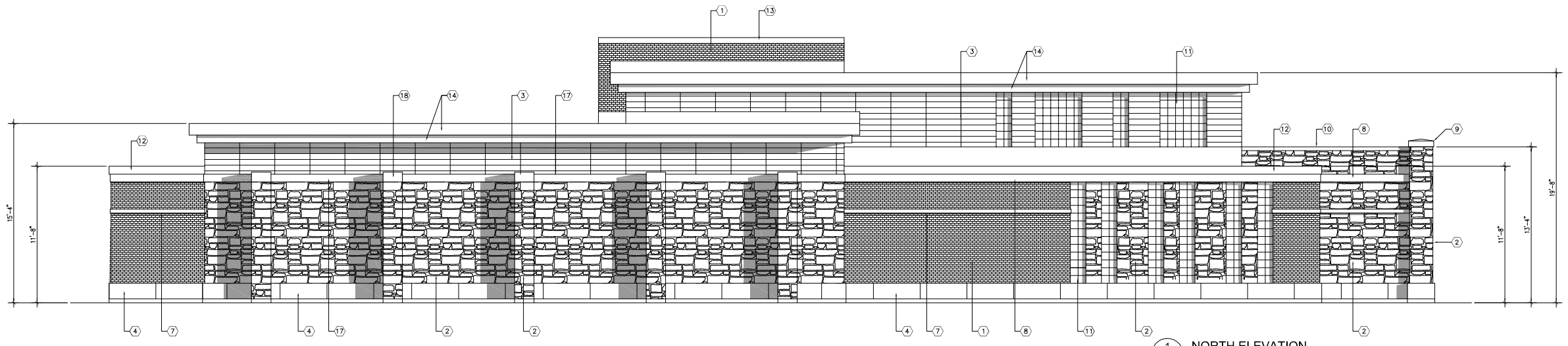


2 A101 SOUTH ELEVATION
1/4" = 1'-0"



1 A101 NORTH ELEVATION
1/4" = 1'-0"

KEYNOTES

1. BRICK VENNER:
   MFR: SIOUX CITY BRICK
   TYPE: MODULAR, RUNNING BOND
   COLOR: TOASTED FINE ART SMOOTH
2. STONE VENNER:
   MFR: MICHELS STONE
   TYPE: HAMILTON CREAM
3. TERRA COTTA:
   MFR: NEA CERA
   TYPE: STACK BOND INSTALL
   COLOR: UMBRA GRAY, NATURAL FINISH
4. CAST STONE:
   MFR: HERITAGE CAST STONE
   TYPE: CHAMFERED BAND 16"H x 48"L
   COLOR: 5TH
5. CAST STONE VENEER:
   MFR: HERITAGE CAST STONE
   TYPE: 8"H x 24"L STONE
   COLOR: SMOOTH, 5TH
6. CAST STONE VENEER:
   MFR: HERITAGE CAST STONE
   TYPE: 16"H x 48"L STONE
   COLOR: SMOOTH, 5TH
7. CAST STONE BAND:
   MFR: HERITAGE CAST STONE
   TYPE: 4"H CHAMFERED BAND
   COLOR: GUNPOWDER
8. CAST STONE BAND:
   MFR: HERITAGE CAST STONE
   TYPE: 8"H CHAMFERED BAND
   COLOR: GUNPOWDER
9. CAST STONE CAP:
   MFR: HERITAGE CAST STONE
   TYPE: 5"H x 26"SQ, E1102
   COLOR: 5TH
10. CAST STONE COPING:
    MFR: HERITAGE CAST STONE
    TYPE: 4"H x 48"L
    COLOR: GUNPOWDER
11. GLASS BLOCK:
    MFR: PITTSBURGH CORNING
    TYPE: 8" x 8" x 4"
    STYLE: VUE
12. METAL FASCIA:
    MFR: PAC CLAD
    FINISH: KYNAR 500
    COLOR: MUSKET GREY
13. METAL FASCIA:
    MFR: PAC CLAD
    FINISH: KYNAR 500
    COLOR: MUSKET GREY
14. PRE FINISHED METAL ROOF EDGE:
    MFR:
    FINISH: KYNAR 500
    COLOR: WEATHERED ZINC
15. FIBERGLASS DOOR & FRAME, PAINT TO MATCH:
    MFR:
    COLOR:
    NUMBER:
16. METAL LOUVER:
    – FACTORY FINISH COLOR TO MATCH:
    MFR:
    COLOR:
    NUMBER:
17. CAST STONE COPING:
    MFR: HERITAGE CAST STONE
    TYPE: 8"H (FRONT EDGE) x 48"L
    COLOR: GUNPOWDER
18. CAST STONE CAP:
    MFR: EDWARDS CAST STONE CO.
    TYPE: 10"H x 20"SQ.
    COLOR: GUNPOWDER

Potter Lawson

Consultants:

Notes:

Date	Issuance/Revisions	Symbol
8/01/13	URBAN DESIGN	
05/01/13	URBAN DESIGN INFORMATIONAL	

MADISON WELL #7

MADISON WATER UTILITY

MADISON, WISCONSIN

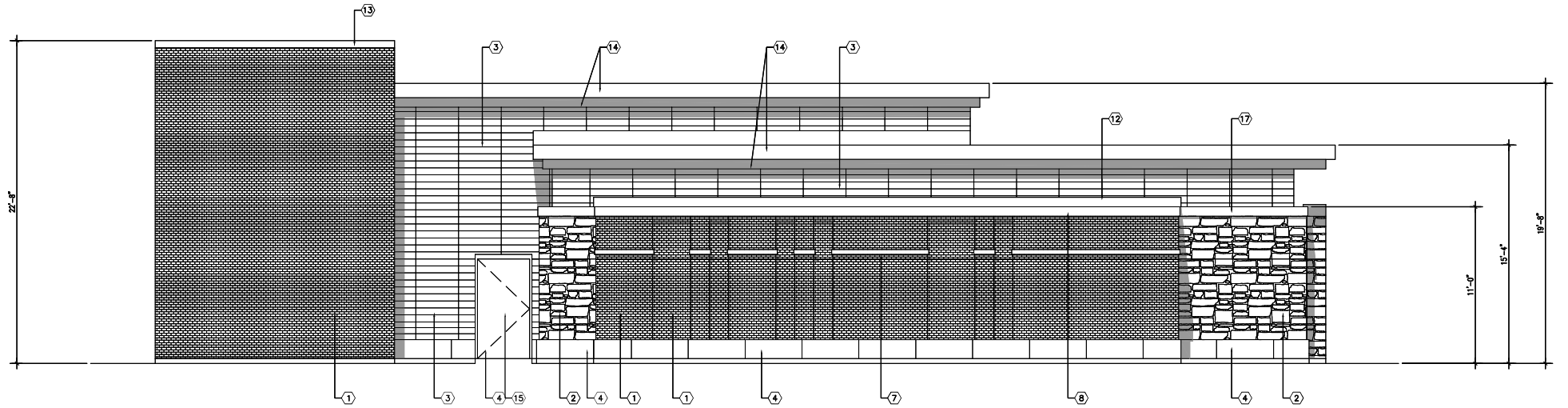
Drawing Title:

BUILDING ELEVATIONS

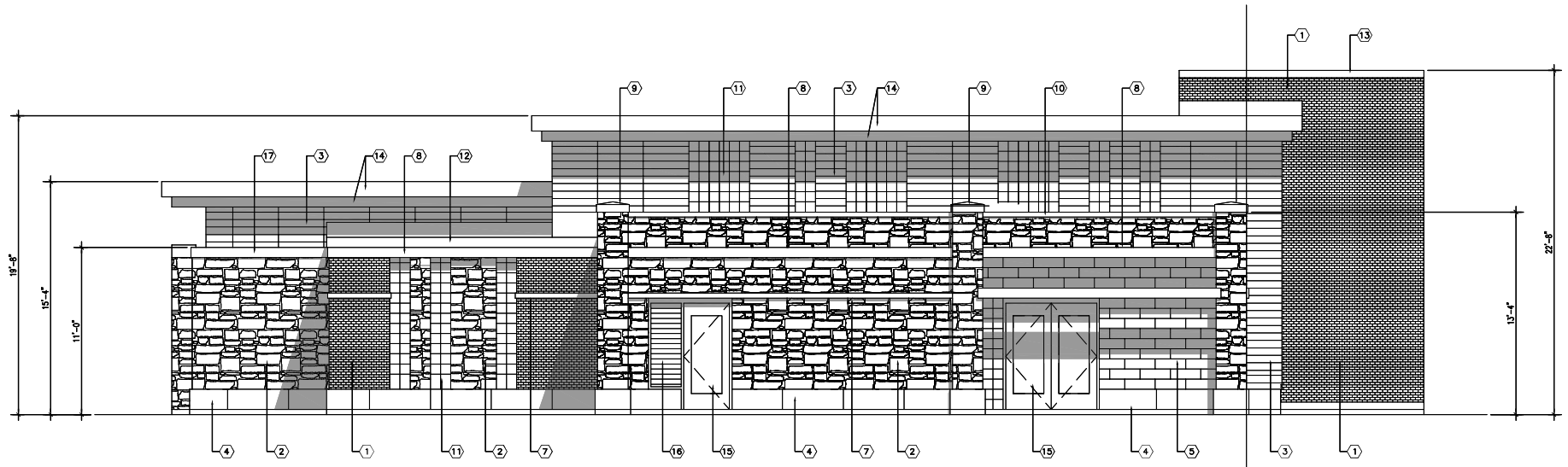
PLJ Project Number: 2012.28.00

Drawn By: DMT

Drawing No. A101



2 A101 EAST ELEVATION
1/4" = 1'-0"



1 A101 WEST ELEVATION
1/4" = 1'-0"

KEYNOTES

1. BRICK VENNER:
MFR: SIOUX CITY BRICK
TYPE: MODULAR, RUNNING BOND
COLOR: TOASTED FINE ART SMOOTH

2. STONE VENNER:
MFR: MICHELS STONE
TYPE: HAMILTON CREAM

3. TERRA COTTA:
MFR: NEA CERA
TYPE: STACK BOND INSTALL
COLOR: UMBRA GRAY, NATURAL FINISH

4. CAST STONE:
MFR: HERITAGE CAST STONE
TYPE: CHAMFERED BAND 16"H x 48"L
COLOR: 5TH

5. CAST STONE VENEER:
MFR: HERITAGE CAST STONE
TYPE: 8"H x 24"L STONE
COLOR: SMOOTH, 5TH

6. CAST STONE VENEER:
MFR: HERITAGE CAST STONE
TYPE: 16"H x 48"L STONE
COLOR: SMOOTH, 5TH

7. CAST STONE BAND:
MFR: HERITAGE CAST STONE
TYPE: 4"H CHAMFERED BAND
COLOR: GUNPOWDER

8. CAST STONE BAND:
MFR: HERITAGE CAST STONE
TYPE: 8"H CHAMFERED BAND
COLOR: GUNPOWDER

9. CAST STONE CAP:
MFR: HERITAGE CAST STONE
TYPE: 5"H x 26"SQ, E1102
COLOR: 5TH

10. CAST STONE COPING:
MFR: HERITAGE CAST STONE
TYPE: 4"H x 48"L
COLOR: GUNPOWDER

11. GLASS BLOCK:
MFR: PITTSBURGH CORNING
TYPE: 8" x 8" x 4"
STYLE: VUE

12. METAL FASCIA:
MFR: PAC CLAD
FINISH: KYNAR 500
COLOR: MUSKET GREY

13. METAL FASCIA:
MFR: PAC CLAD
FINISH: KYNAR 500
COLOR: MUSKET GREY

14. PRE FINISHED METAL ROOF EDGE:
MFR:
FINISH: KYNAR 500
COLOR: WEATHERED ZINC

15. FIBERGLASS DOOR & FRAME, PAINT TO MATCH:
MFR:
COLOR:
NUMBER:

16. METAL LOUVER:
– FACTORY FINISH COLOR TO MATCH:
MFR:
COLOR:
NUMBER:

17. CAST STONE COPING:
MFR: HERITAGE CAST STONE
TYPE: 8"H (FRONT EDGE) x 48"L
COLOR: GUNPOWDER

18. CAST STONE CAP:
MFR: EDWARDS CAST STONE CO.
TYPE: 10"H x 20"SQ.
COLOR: GUNPOWDER

Potter Lawson

Consultants:

Notes:

Date	Issuance/Revisions	Symbol
08/01/13	URBAN DESIGN	
05/01/13	URBAN DESIGN INFORMATIONAL	

MADISON WELL #7

MADISON WATER UTILITY

MADISON, WISCONSIN

Drawing Title:

BUILDING ELEVATIONS

PLJ Project Number: 2012.28.00

Drawn By: DMT

Drawing No. A102

WEST ELEVATION

NORTH ELEVATION

EAST ELEVATION

SOUTH ELEVATION

Building Elevations

Madison Well #7

July 1, 2013

Potter Lawson

Success by Design

VIEW FROM CORNER

VIEW FROM SHERMAN AVE.

SITE PLAN

AERIAL VIEW

Site Plan & Aerial View

Madison Well #7

July 1, 2013

Potter Lawson

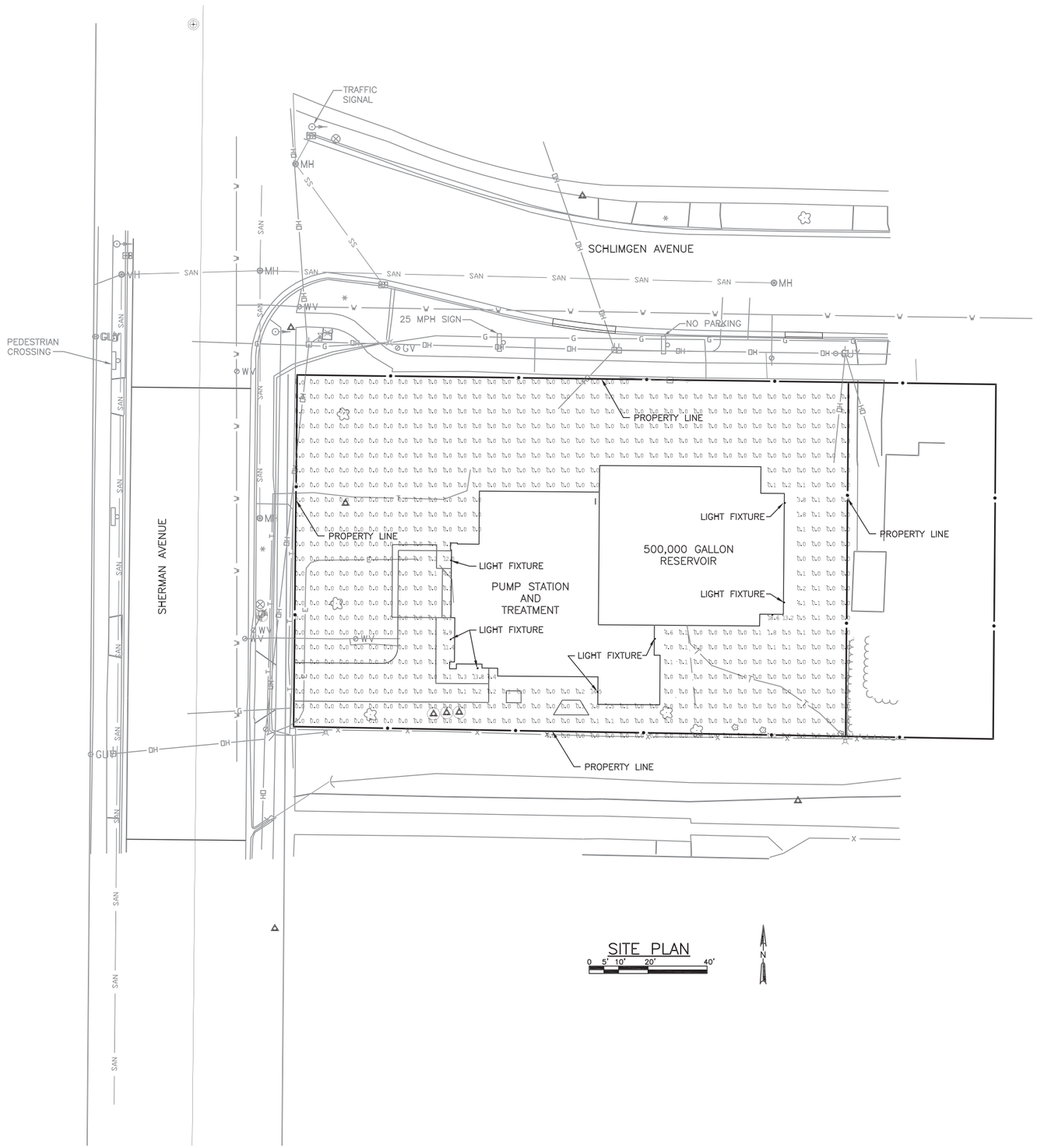
Success by Design

NORTH BUILDING ELEVATION

WEST BUILDING ELEVATION

SCHLIMGEN NORTH STREET ELEVATION

SHERMAN WEST STREET ELEVATION



NO.	REVISIONS	DATE:

ELECTRICAL SITE PLAN

WELL NO. 7 RECONSTRUCTION
1613 N. SHERMAN AVENUE
CITY OF MADISON
MADISON, WISCONSIN

JOB NO.
1020.072

PROJECT MGR.
MARK OLEINIK

STRAND ASSOCIATES®

SHEET
E1.1

File: S:\MAD\1000--1099\1020\072\Data\Electrical\Urban Design Lighting.dwg Time: May 06, 2013 – 11:20am

CATSKILL™ CK

15 WATT • 120V-277V

OPTICS

Spot

Flood

Wide Flood

Rectilinear

CCT

2.7K 3K 4K

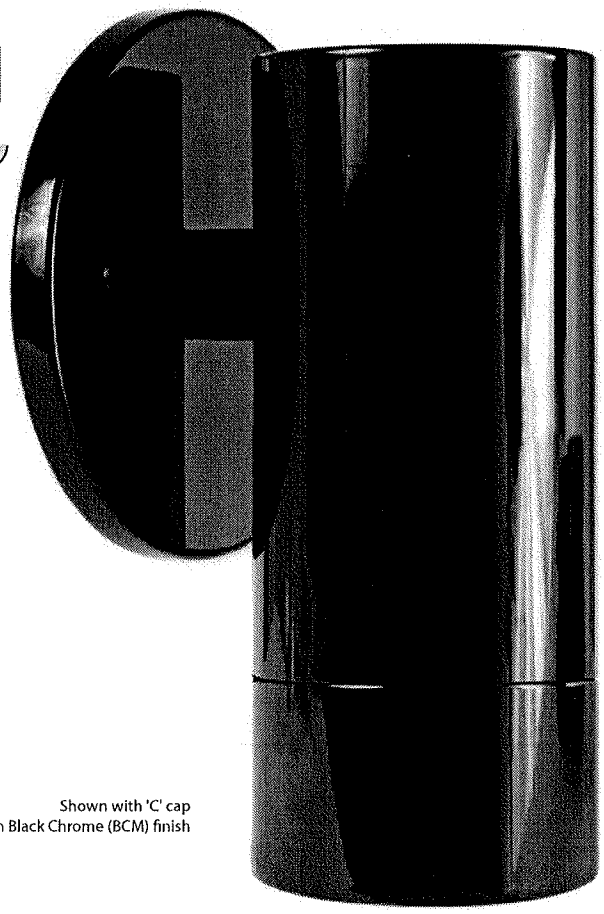
MATERIAL

ALU

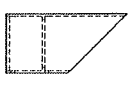
VOLTAGE

120-277V •

The Catskill Series™ is designed for architectural up lighting or down lighting applications. With a projection of only four inches, the Catskill Series™ meets the ADA requirements for Architectural Surface lighting. The addition of our 'X' technology makes this fixture a stylish and smart addition to any indoor or outdoor application. Visit www.bklighting.com for ordering logic. Keyword CK -LED



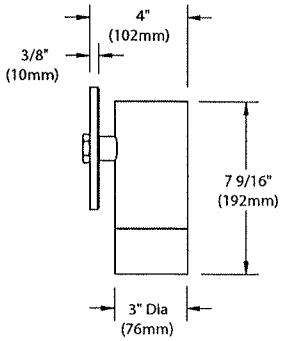
Shown with 'C' cap
in Black Chrome (BCM) finish



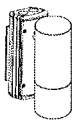
'A/D' CAP

'B/E' CAP

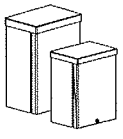
'C' CAP



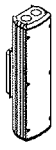
DRIVER HOUSINGS:



PM2

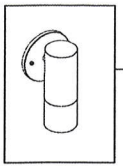


DRM/RM



PM2DRM

ARCHITECTURAL SURFACE



BKSSL SOLID STATE LIGHTING powered by XICATO Making sense with LEDs

THE POWER OF X

CATSKILL™

PROJECT:	
TYPE:	
CATALOG NUMBER:	
SOURCE:	
NOTES:	

CATALOG NUMBER LOGIC

CK	LED						
Example: CK	- LED	- x21	- FL	- SAP	- 12	- 11	- A

Configure Driver Housing Separately
Driver Housing Required

INTEGRAL DRIVER HOUSINGS:
PM2 - Universal Power Module 2

REMOTE DRIVER HOUSINGS:
PM2RM - Universal Power Module 2 Remote
PM2DRM - Universal Power Module 2 Dual Remote
RM - Remote Wall Mount
DRM - Dual Remote Wall Mount

Series
CK - Catskill Series™

Source
LED - 'X' Module with Cold Phosphor Technology

LED Type
x21 - 15WLED/2700K
x22 - 15WLED/3000K
x23 - 15WLED/4000K
x24 - 25WLED/2700K
x25 - 25WLED/3000K
x26 - 25WLED/4000K

Optics
SP - Spot (20°)
FL - Flood (40°)
WFL - Wide Flood (60°)

Finish

Standard Finish

Powder Coat Color	Satin	Wrinkle
Bronze	BZP	BZW
Black	BLP	BLW
White (Gloss)	WHP	WHW
Aluminum	SAP	—
Verde	—	VER

Premium Finish

ABP	Antique Brass Powder	CMG	Cascade Mountain Granite	RMG	Rocky Mountain Granite
AMG	Aleutian Mountain Granite	CRI	Cracked Ice	SDS	Sonoran Desert Sandstone
AQW	Antique White	CRM	Cream	SMG	Sierra Mountain Granite
BCM	Black Chrome	HUG	Hunter Green	TXF	Textured Forest
BGE	Beige	MDS	Mojave Desert Sandstone	WCP	Weathered Copper
BPP	Brown Patina Powder	NBP	Natural Brass Powder	WIR	Weathered Iron
CAP	Clear Anodized Powder	OCP	Old Copper	*Also available in RAL Finishes See submittal SUB-1439-00*	

Lens Type
9 - Clear (Standard)
10 - Spread Lens*
12 - Soft Focus Lens*
13 - Rectilinear Lens*

Shielding
11 - Honeycomb Baffle*
**Accommodates up to 2 Lens/Shielding media*

Cap Style
A - 45°
B - 90°
C - Flush
D - 45° without Weep Hole *(Interior Use Only)*
E - 90° without Weep Hole *(Interior Use Only)*

LM79 DATA

BK No.	CCT (Typ.)	CRI (Ra. Typ.)	Color Consistency	Input Watts (Typ.)
x21	2700K	>80	±40K	15
x22	3000K	>80	±50K	15
x23	4000K	>80	±70K	15
x24	2700K	>80	±40K	25
x25	3000K	>80	±50K	25
x26	4000K	>80	±70K	25

L70 DATA

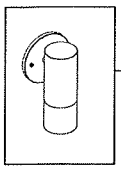
Minimum Rated Life (hrs.) 70% of initial lumens (L_{70})
50,000
50,000
50,000
50,000
50,000
50,000

OPTICAL DATA

Beam Type	Angle
Spot	20°
Flood	40°
Wide Flood	60°

B-K LIGHTING
40429 Brickyard Drive • Madera, CA 93636 • USA
559.438.5800 • FAX 559.438.5900
www.bklighting.com • info@bklighting.com

SUBMITTAL DATE	DRAWING NUMBER
3-29-12	SUB001114



BKSSL SOLID STATE LIGHTING powered by XICATO

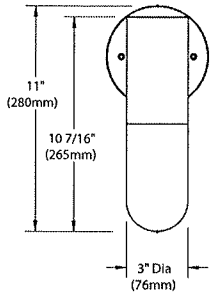
THE POWER OF X

CATSKILL™

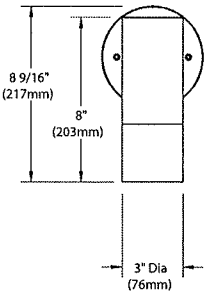
PROJECT:	
TYPE:	

FRONT VIEW

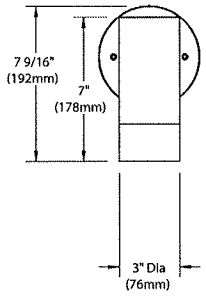
"A/D" CAP



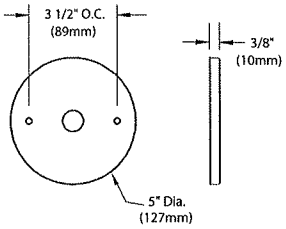
"B/E" CAP



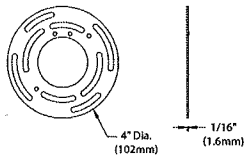
"C" CAP



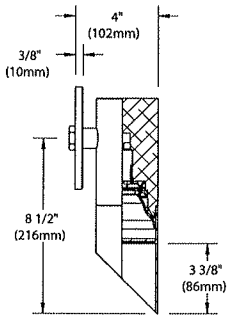
CANOPY DETAIL

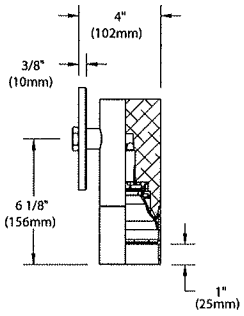


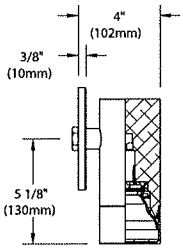
UNIVERSAL RING



SIDE VIEW

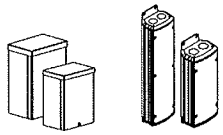






Accessories *(Configure separately)*

Remote Driver Housing:



RM & DRM PM2DRM & PM2RM

All dimensions indicated on this submittal are nominal.
Contact Technical Sales if you require more stringent specifications.

SPECIFICATIONS

GreenSource Initiative™
Metal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced onsite. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFC's). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult www.bklighting.com/greensource for program requirements.

Materials
Furnished in Copper-Free Aluminum (Type 6061-T6).

Body
Fully machined from solid billet. Unibody design provides enclosed, water-proof wireway and integral heat sink for maximum component life. High temperature, silicone 'O' Ring provides water-tight seal.

Cap
Fully machined. Accommodates [2] lens or louver media. Choose from 45° cutoff ('A' or 'D'), 1" deep bezel with 90° cutoff ('B' or 'E') or flush lens ('C') cap styles. 'A' and 'B' caps include weep-hole for water and debris drainage. 'D' and 'E' caps exclude weep-hole and are for interior use only.

Lens
Shock resistant, tempered, glass lens is factory adhered to fixture cap and provides hermetically sealed optical compartment.

BKSSL™
Integrated solid state system with 'x' technology is scalable for field upgrade. Modular design with electrical quick disconnects permit field maintenance.

LM-80 certified. Minimum 50,000 hour rated life at 70% of initial lumens (L70). BKSSL technology provides long life, significant energy reduction and exceptional thermal management.

Color Management
Corrected cold phosphor technology delivers near-perfect natural white light. Long term phosphor maintenance over product life. Exact color point conformity exceeds ANSI C78.377 standard. Provides uniform beam with no color variation over angle. Module exceeds 80 CRI (RA>80, R9>16).

Remote Driver
For use with remote LED driver. See remote driver submittal to determine remote distance and wiring requirements prior to detailing field installation of any remote wiring.

Installation
5" dia., machined canopy with stainless steel universal mounting ring permits mounting to 4" octagonal junction box (by others). Suitable for uplight or downlight installation.

Optics
Interchangeable OPTIKIT™ modules permit field changes to optical distribution.

Wiring
Teflon® coated, 18AWG, 600V, 250° C rated and certified to UL 1659 standard.

Hardware
Tamper-resistant, stainless steel hardware. Canopy mounting screws are additionally black oxide treated for additional corrosion resistance.

Finish
StarGuard® (Pat. Pend.), a RoHs compliant, 15 stage chromate-free process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating. RoHs compliant.

Warranty
5 year limited warranty.

Certification and Listing
ITL tested to IESNA LM-79. Lighting Facts Registration per USDOE (www.lightingfacts.com). ETL Listed to ANSI/UL Standard 1598 and Certified to CAN/CSA Standard C22.2 No. 250. RoHs compliant. Suitable for indoor or outdoor use. Suitable for use in wet locations. IP66 Rated. Made in USA.

Teflon is a registered trademark of DuPont Corporation.

B-K LIGHTING
40429 Brickyard Drive • Madera, CA 93636 • USA
559.438.5800 • FAX 559.438.5900
www.bklighting.com • info@bklighting.com

SUBMITTAL DATE	DRAWING NUMBER
3-29-12	SUB001114