



City of Madison

Proposed Demolition & Conditional Use

Location

1613-1721 North Sherman Avenue &
1713 Schlimgen Avenue

Project Name

Well No. 7 Reconstruction

Applicant

Madison Water Utility/
Andy Mullendore-Strand Associates, Inc.

Existing Use

Two residential structures and Madison
Water Utility well.

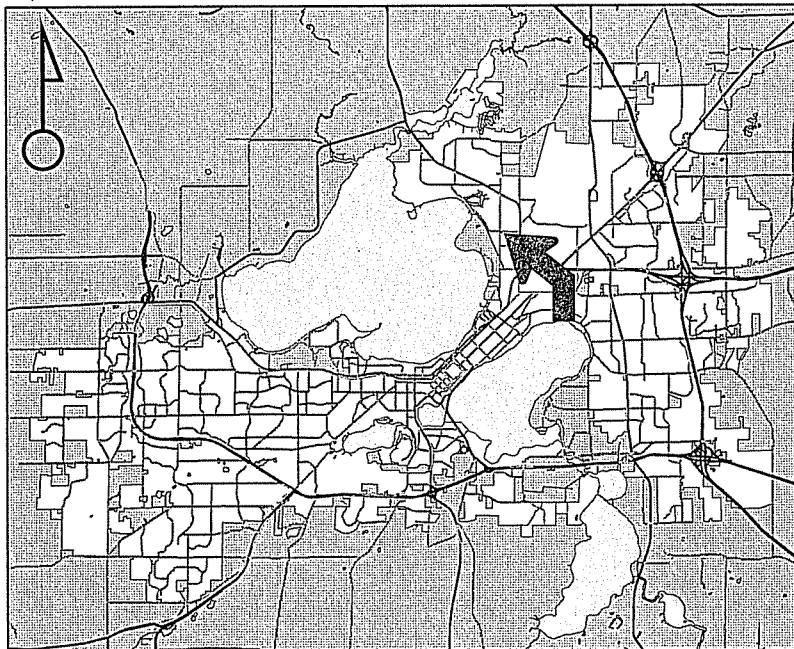
Proposed Use

Demolish Well #7 and two single-family
residences to allow construction of an
expanded well and reservoir facility

Public Hearing Date

Plan Commission

26 August 2013



For Questions Contact: Tim Parks at: 261-9632 or tparks@cityofmadison.com or City Planning at 266-4635



Scale : 1" = 400'

City of Madison, Planning Division : RPJ : Date : 20 August 2013





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.com

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

11

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/alterd 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 | • 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 ² of each) | • Lot Coverage & Usable Open Space Calculations | • Public Subsidy Requested |
| • Hours of Operation | | |

☒ **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, 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.

ALM:sme\S\MAD\1000--1099\1020\072\Wrd\Land Use Applications\May Planning 2013\Letter of Intent, Well No. 7 MWU.docx

Planning & Community & Economic Office
Planning Division
Page 2
May 8, 2013

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	<u>.53 AC</u>

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.

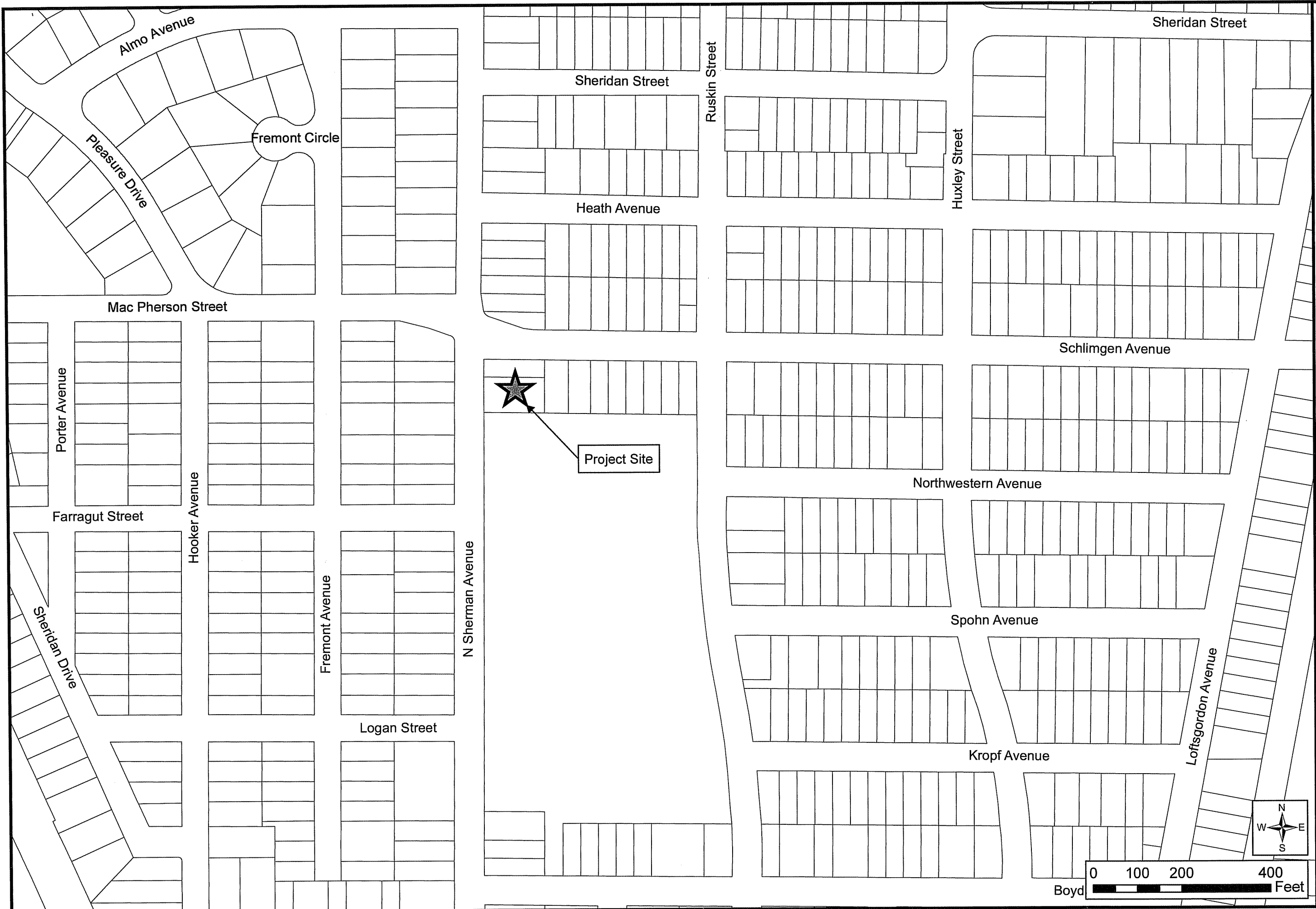
Enclosures

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

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

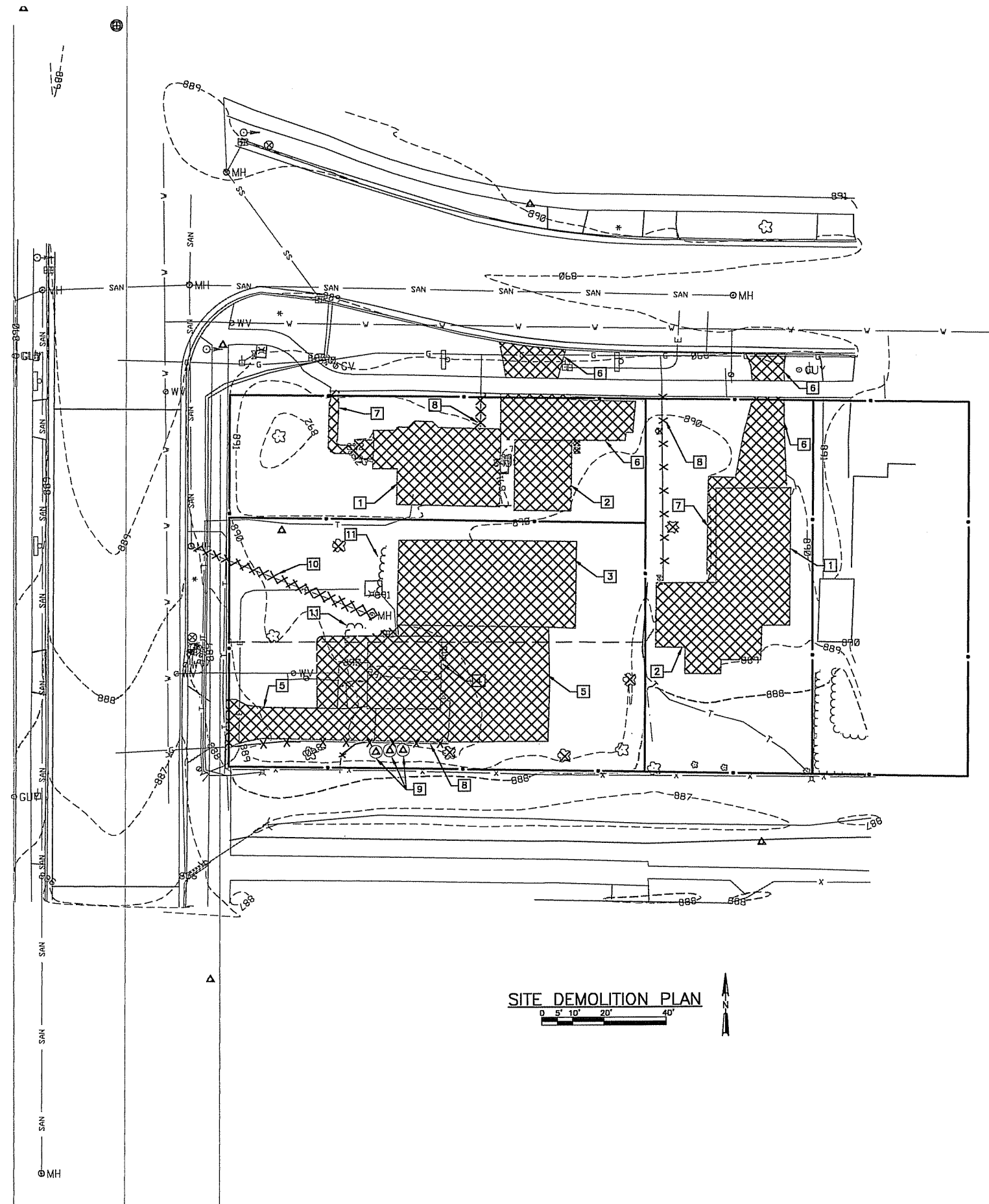


LOCATION MAP
1613 NORTH SHERMAN AVENUE

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



FIGURE 1
1020.072



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.

[illegible]

SITE DEMOLITION PLAN

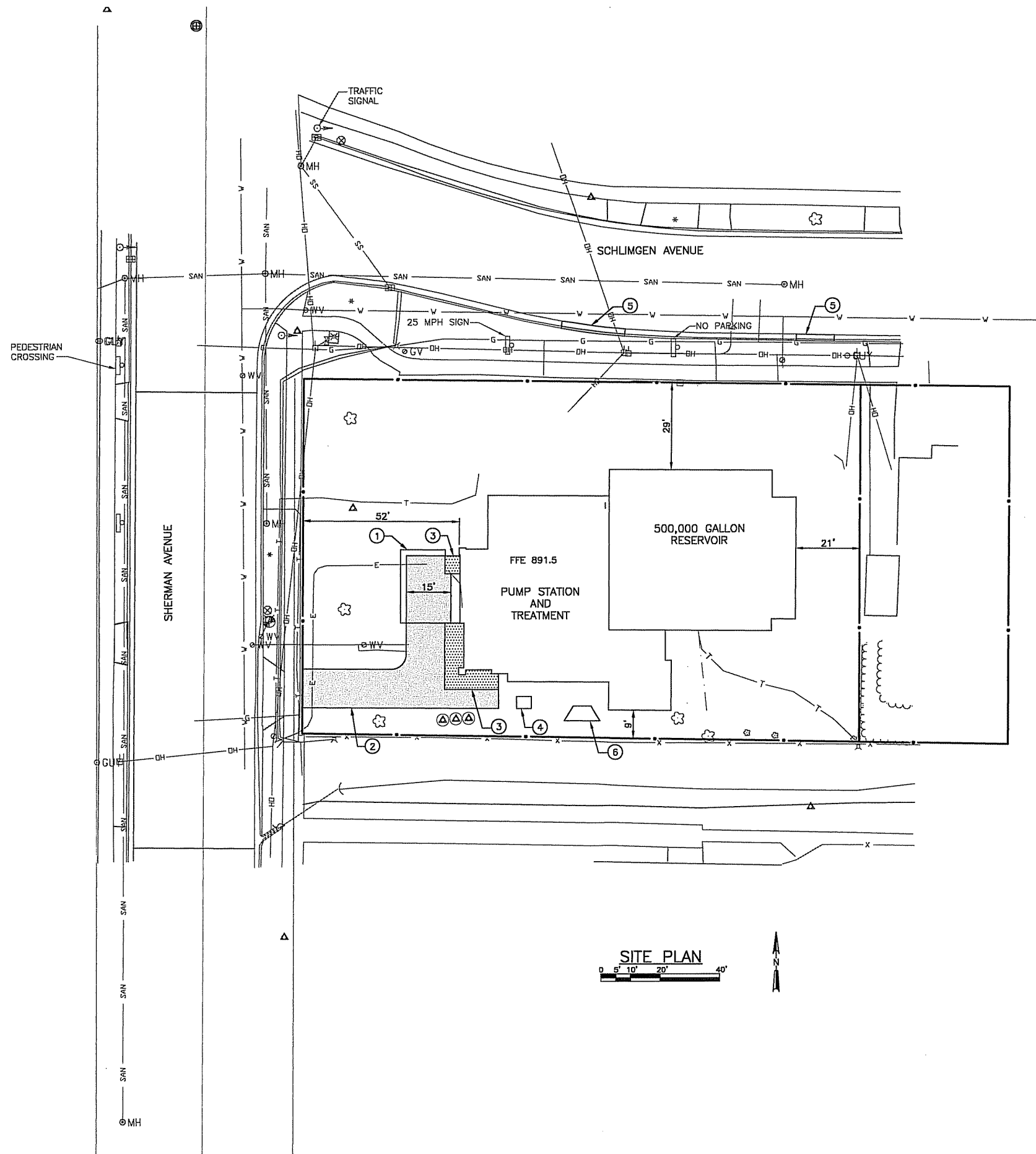
**WELL NO. 7 RECONSTRUCTION
1613 N. SHERMAN AVENUE
CITY OF MADISON
MADISON, WISCONSIN**

JOB NO.
1020.072

PROJECT MGR.
MARK OLENIK



SHEET
D1.1



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

OVERALL SITE PLAN

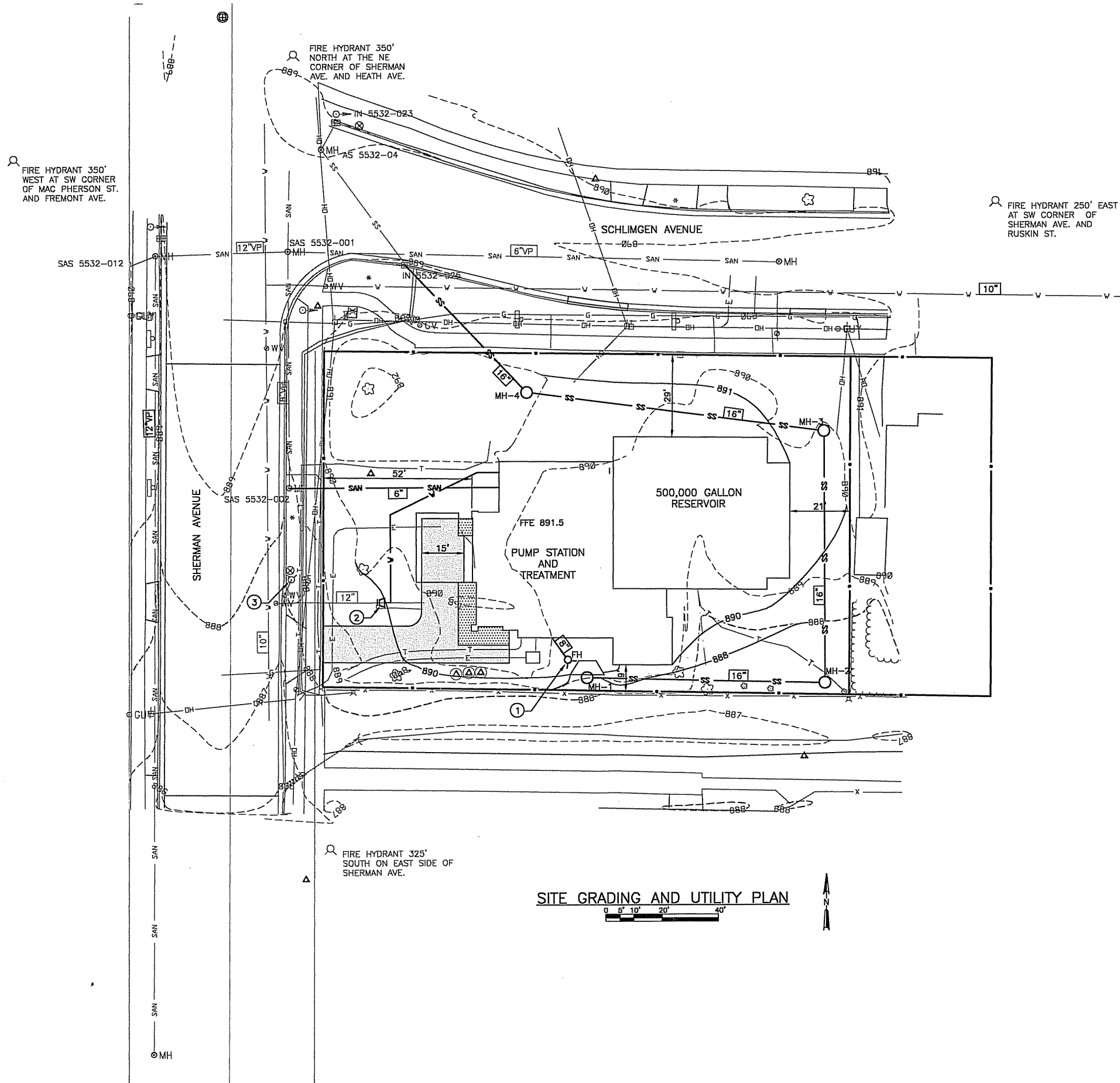
WELL NO. 7 RECONSTRUCTION
1613 N. SHERMAN AVENUE
CITY OF MADISON
MADISON, WISCONSIN

JOB NO.
1020.072

PROJECT MGR.
MARK OLEINIK



SHEET
C1.2



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

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



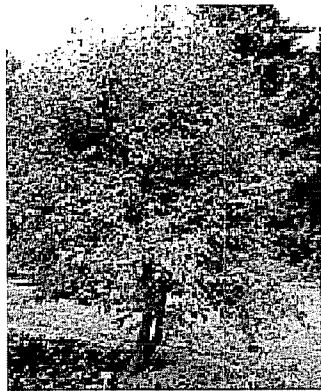
SHEET
C1.3



American Hornbeam



Oakleaf Hydrangea 'Sikes Dwarf'

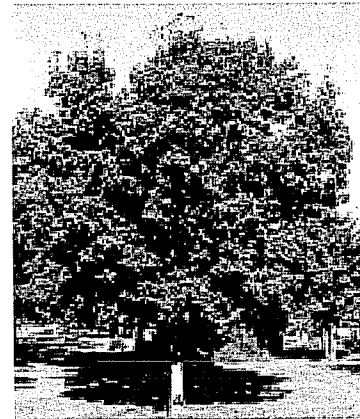


Blackhaw Viburnum

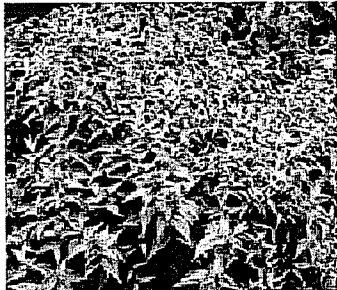


Serviceberry 'Sprizam'

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	Dwarf Bush 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



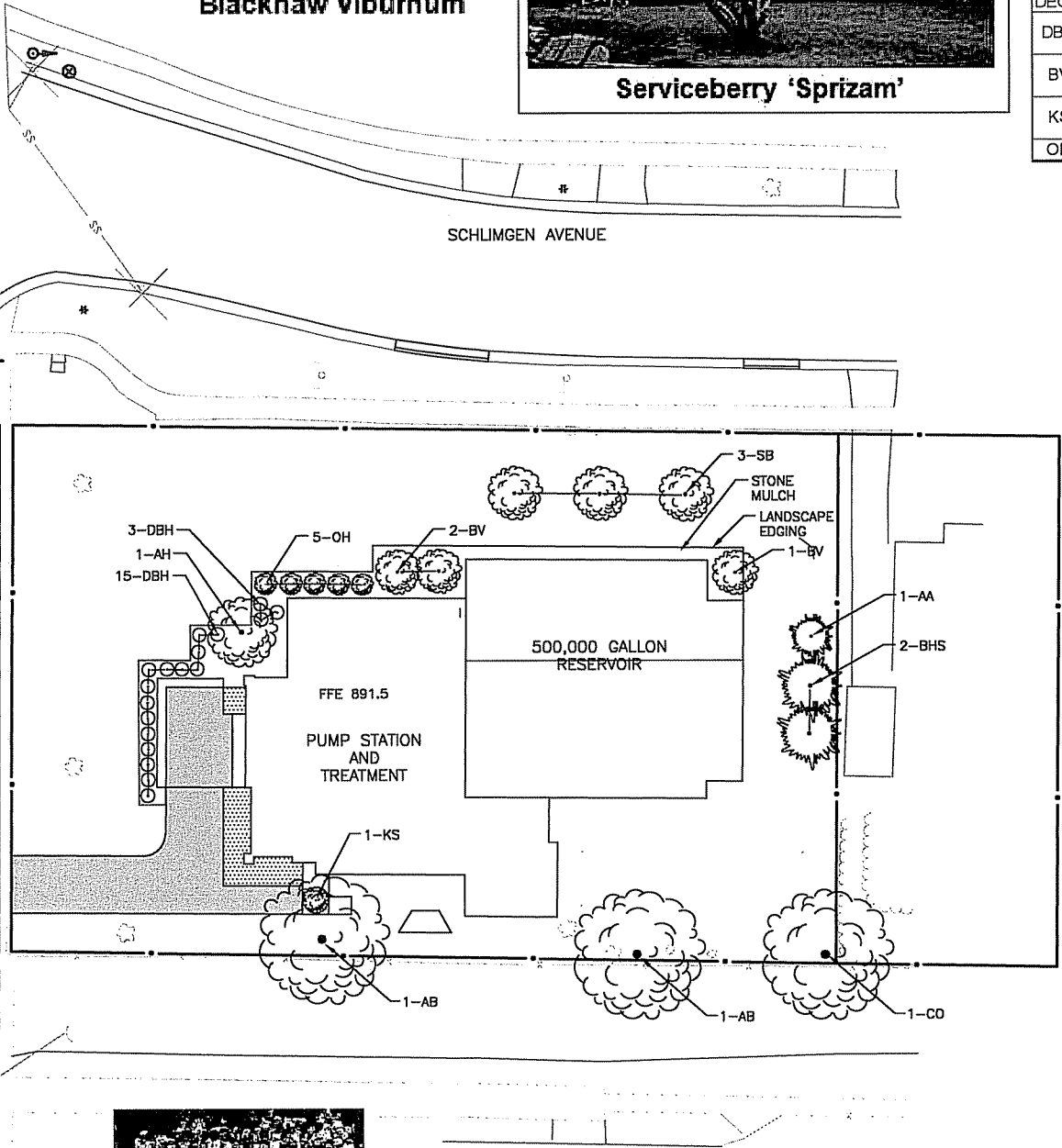
Dwarf Bush Honeysuckle



Autumn Blaze Maple

SHERMAN AVENUE

SCHLIMGEN AVENUE



Korean Spice Viburnum



Techny Arborvitae



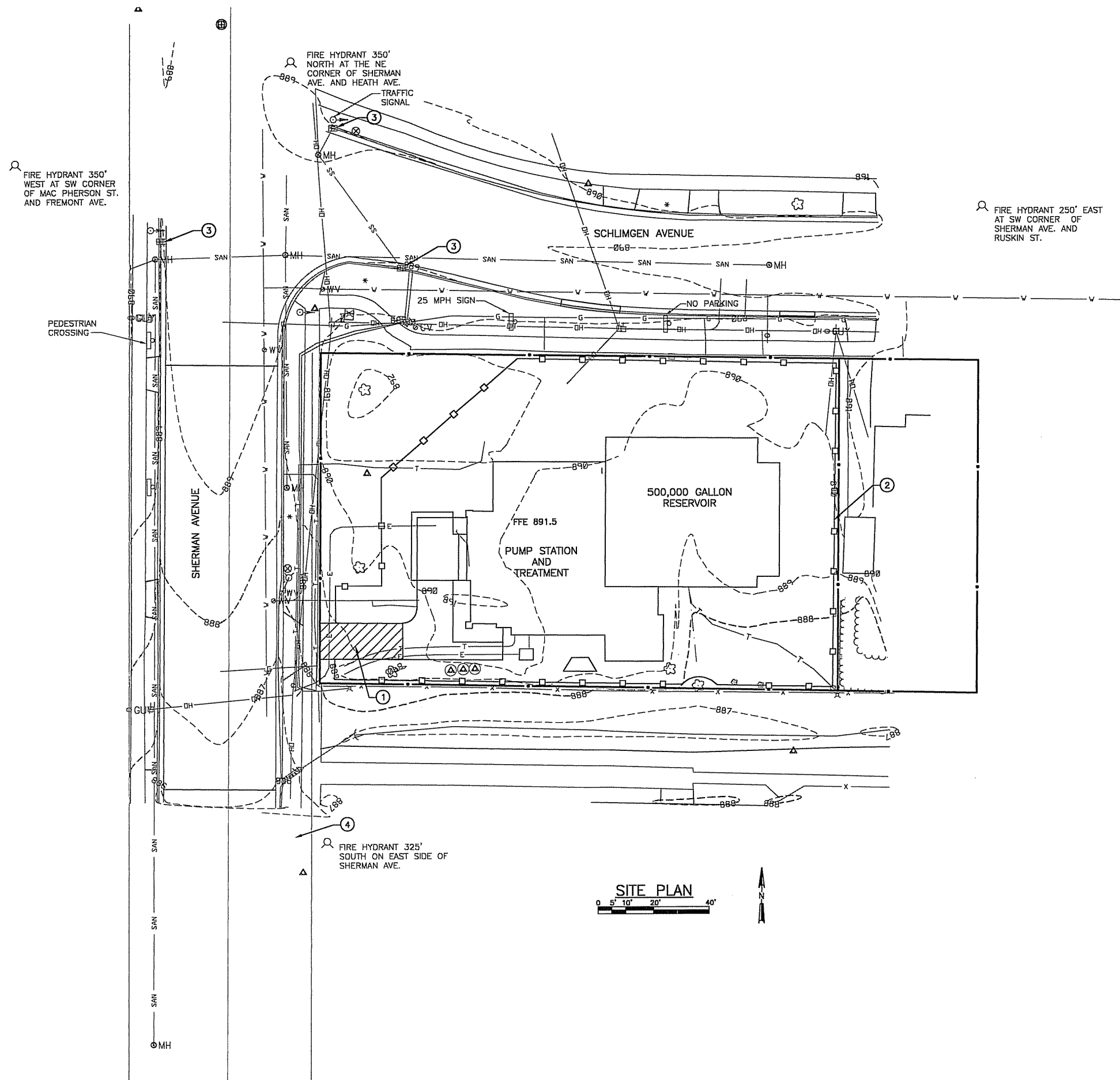
Black Hills Spruce

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

JOB NO.
1020.072
PROJECT MGR.
MARK OLENIK



SHEET
C1.4



KEY NOTES:

- ① STONE TRACKING MAT.
- ② SILT FENCE.
- ③ PROVIDE INLET PROTECTION.
- ④ PROVIDE INLET PROTECTION ON NEXT TWO DOWNSTREAM INLETS.

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

EROSION CONTROL PLAN

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

JOB NO.
1020.072

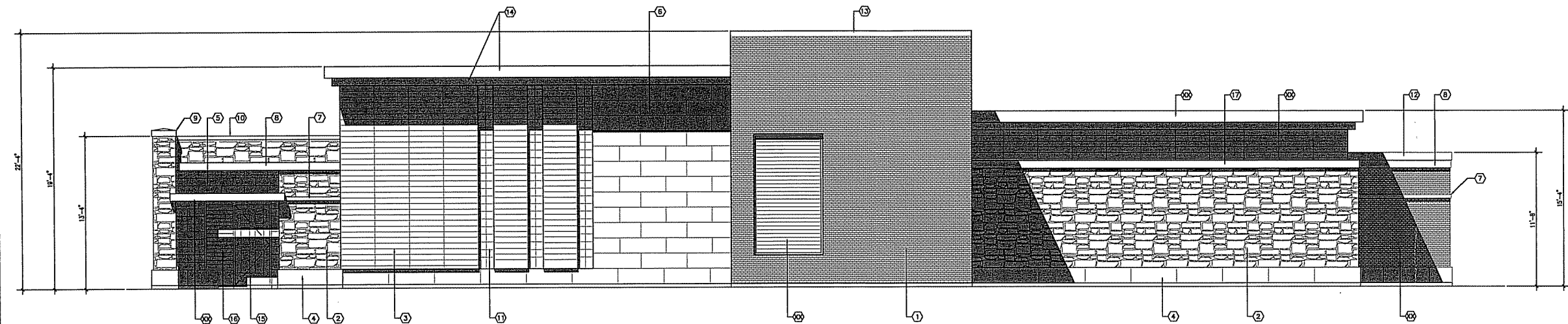
PROJECT MGR.
MARK OLEINIK



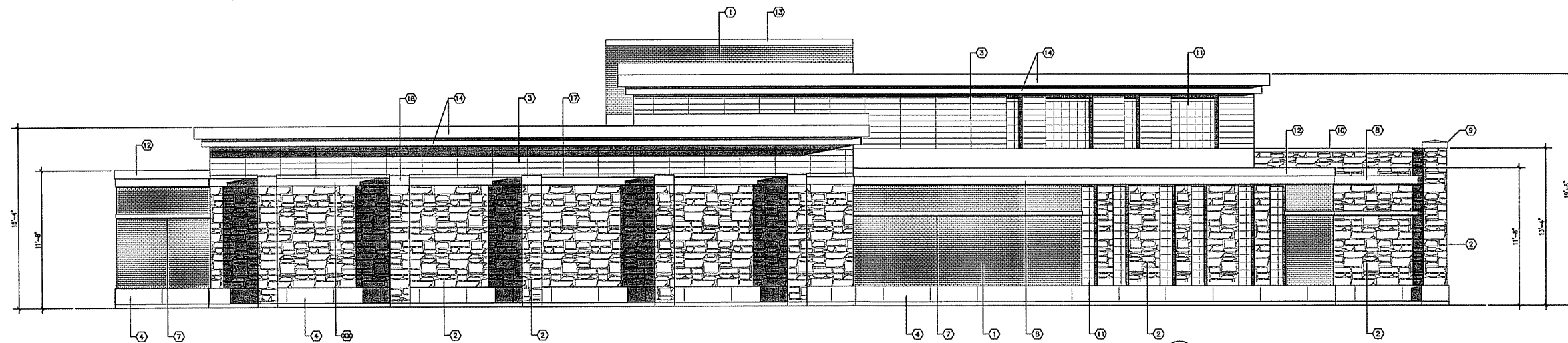
SHEET
C1.5

Consultants:

Notes:



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



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

KEYNOTES

- ① BRICK VENEER:
MFR: SOLIX CITY BRICK
TYPE: MODULAR, RUNNING BOND
COLOR: TOASTED FINE ART SMOOTH
- ② STONE VENEER:
MFR: MICHEL'S 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 HM 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 26"SQ.
COLOR: GUNPOWDER

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

MADISON WELL #7

MADISON WATER UTILITY

MADISON, WISCONSIN

BUILDING ELEVATIONS

Project Number:
2012.28.00

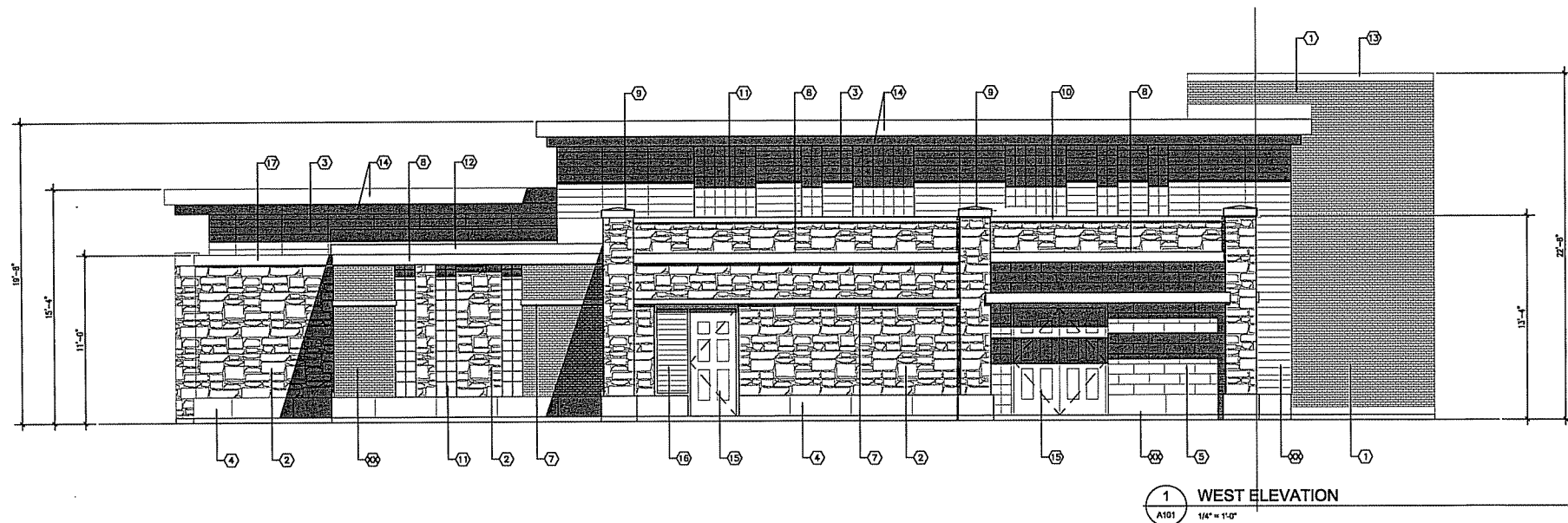
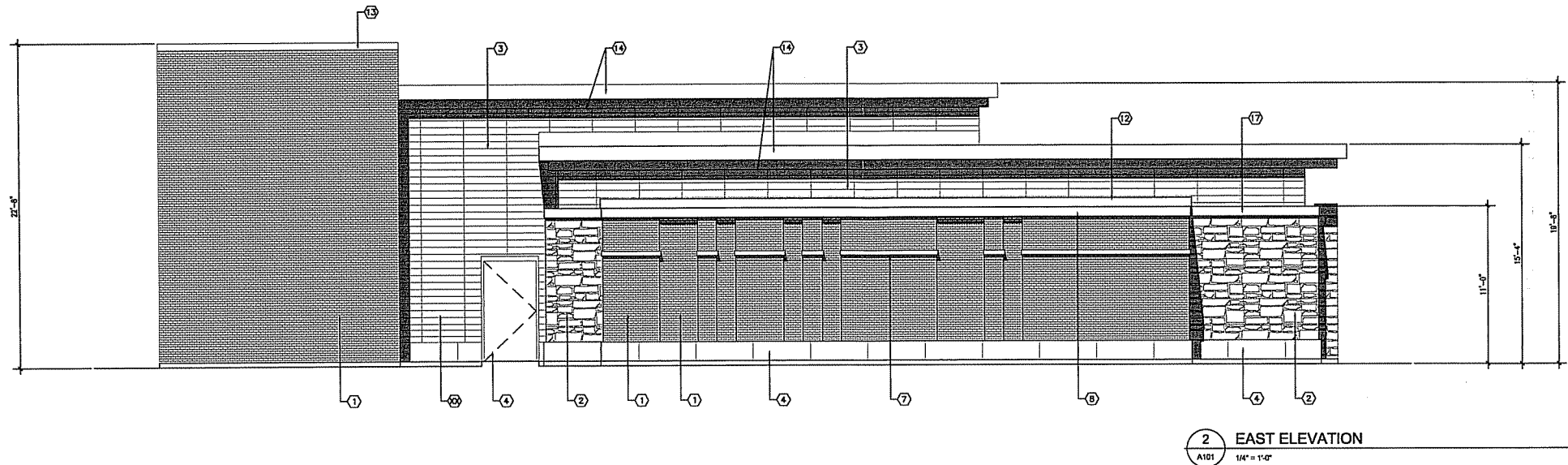
Drawn By:
DMT

Drawing No.

A101

Consultants:

Notes:



KEYNOTES

- 1 BRICK VENEER:
MFR: SILOX CITY BRICK
TYPE: MODULAR, RUNNING BOND
COLOR: TOASTED FINE ART SMOOTH
- 2 STONE VENEER:
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: EDWARDS CAST STONE CO.
TYPE: WATER TABLE, 16"H x 48"L
COLOR: 18-025
- 5 CAST STONE VENEER:
MFR: EDWARDS CAST STONE CO.
TYPE: 8"H x 24"L STONE
COLOR: 18-025

- 6 CAST STONE VENEER:
MFR: EDWARDS CAST STONE CO.
TYPE: 16"H x 48"L STONE
COLOR: 18-025
- 7 CAST STONE:
MFR: EDWARDS CAST STONE CO.
TYPE: 4"H BAND
COLOR: 18-025
- 8 CAST STONE:
MFR: EDWARDS CAST STONE CO.
TYPE: 8"H BAND
COLOR: 18-025
- 9 CAST STONE CAP:
MFR: EDWARDS CAST STONE CO.
TYPE: 5"H x 26"SQ, E1102
COLOR: 18-025
- 10 CAST STONE COPING:
MFR: EDWARDS CAST STONE CO.
TYPE: 4"H x 48"L
COLOR: 18-025

- 11 GLASS BLOCK:
MFR: PITTSBURGH CORNING
TYPE: 8" x 8" x 4"
STYLE: VUE
- 12 METAL FASCIA:
MFR: PAC CLAD
FINISH: KYMAR 500
COLOR: SIERRA TAN
- 13 METAL FASCIA:
MFR: PAC CLAD
FINISH: KYMAR 500
COLOR: CHARCOAL
- 14 PRE FINISHED METAL ROOF EDGE:
MFR:
FINISH: KYMAR 500
COLOR: WEATHERED ZINC
- 15 FIBERGLASS DOOR & FRAME:
MFR: SPECIAL LITE
STYLE: SL-105 COLONIAL, NO VISION LITES
FINISH: KYMAR 500
COLOR: AS SELECTED FROM FULL RANGE

- 16 METAL LOUVER:
- FACTORY FINISH COLOR TO MATCH:
MFR:
COLOR:
NUMBER:
- 17 CAST STONE COPING:
MFR: EDWARDS CAST STONE CO.
TYPE: 8"H x 48"L
COLOR: 18-025
- 18 CAST STONE CAP:
MFR: EDWARDS CAST STONE CO.
TYPE: 10"H x 20"SQ.
COLOR: 18-025

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

MADISON WELL #7

MADISON WATER UTILITY

MADISON, WISCONSIN

BUILDING ELEVATIONS

PU Project Number:
2012.28.00

Drawn By:
DMT

Drawing No.

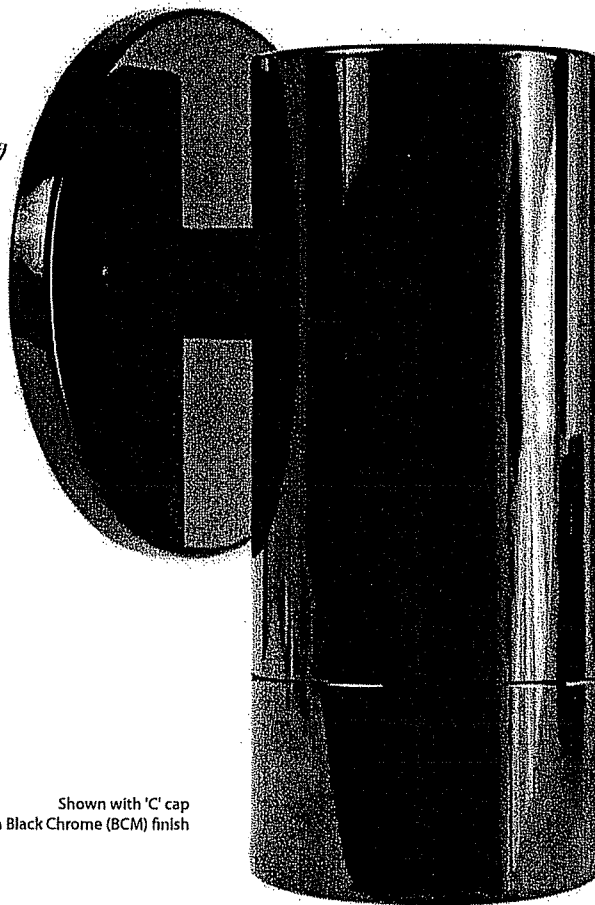
A102

CATSKILL™ CK

15 WATT • 120V-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



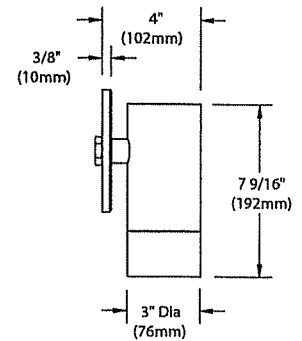
'A/D' CAP



'B/E' CAP



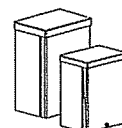
'C' CAP



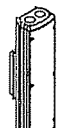
DRIVER HOUSINGS:



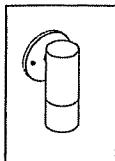
PM2



DRM/RM



PM2DRM



B-K LIGHTING
SOLID STATE LIGHTING powered by **XICATO**
MAKING SENSE WITH LEDs



CATSKILL™

PROJECT:	
TYPE:	
CATALOG NUMBER:	
SOURCE:	
NOTES:	

CATALOG NUMBER LOGIC

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

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

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

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

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 (L70)
50,000
50,000
50,000
50,000
50,000
50,000

OPTICAL DATA

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

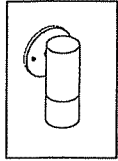
B-K LIGHTING

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

SUBMITTAL DATE
3-29-12

DRAWING NUMBER
SUB001114

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF B-K LIGHTING, INC. AND ITS RECEIPT OR POSSESSION DOES NOT CONVEY ANY RIGHTS TO REPRODUCE, DISCLOSE ITS CONTENTS, OR TO MANUFACTURE, USE OR SELL ANYTHING IT MAY DESCRIBE. REPRODUCTION, DISCLOSURE OR USE WITHOUT SPECIFIC WRITTEN AUTHORIZATION OF B-K LIGHTING, INC. IS STRICTLY FORBIDDEN.



BKSL
SOLID STATE LIGHTING powered by **XICATO**
MAKING SOLID STATE LIGHTS

THE POWER OF



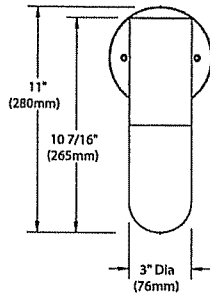
CATSKILL™

PROJECT:

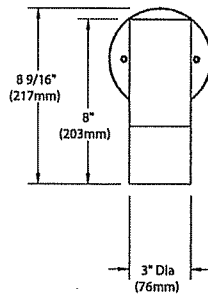
TYPE:

FRONT VIEW

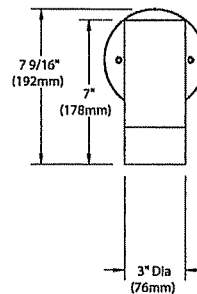
"A/D" CAP



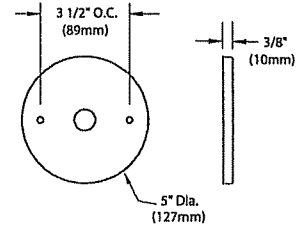
"B/E" CAP



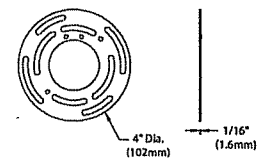
"C" CAP



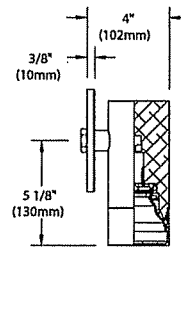
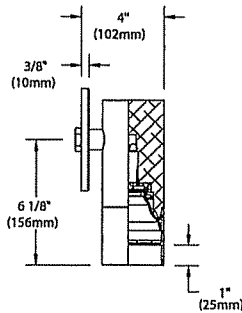
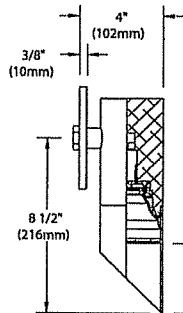
CANOPY DETAIL



UNIVERSAL RING

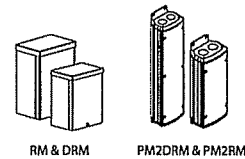


SIDE VIEW



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.bkllighting.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.

BKSL™

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). BKSL 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.bkllighting.com • info@bkllighting.com

SUBMITTAL DATE
3-29-12

DRAWING NUMBER
SUB001114