



City of Madison

Proposed Demolition & Conditional Use

Location
1933 Observatory Dr & 1932 Linden Dr

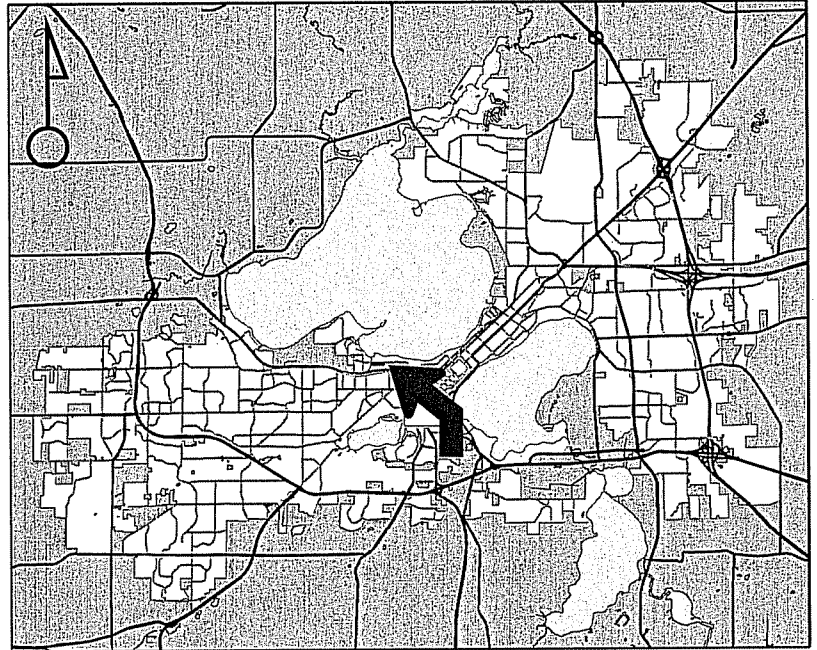
Project Name
Meat Science & Muscle Biology Building

Applicant
Board of Regents, UW System/
Michael Gordon – Potter Lawson, Inc.

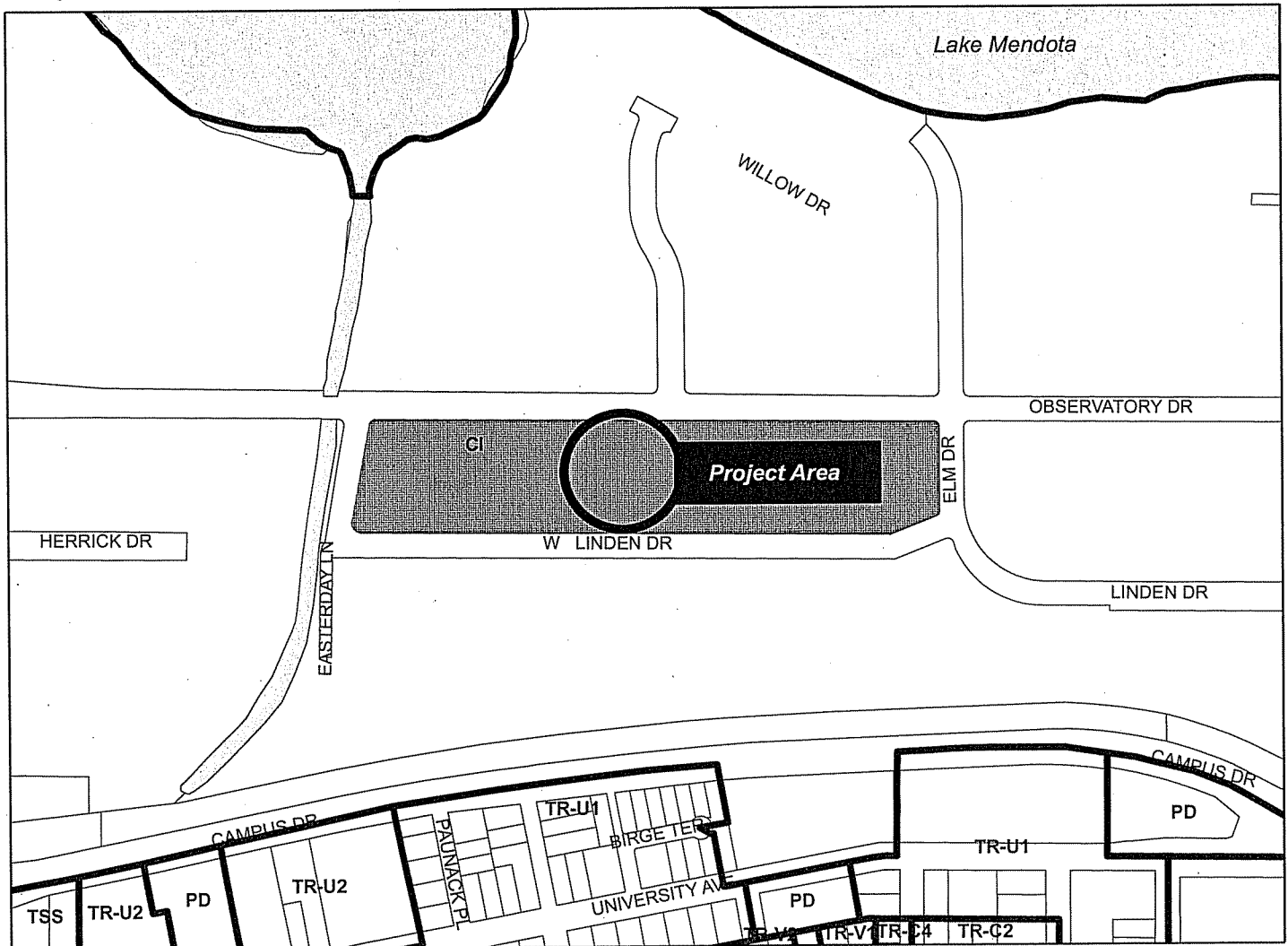
Existing Use
UW Seed building

Proposed Use
Demolish Seed Building and construct Meat Science and Muscle Biology research and instructional building on the UW campus

Public Hearing Date
Plan Commission
05 October 2015

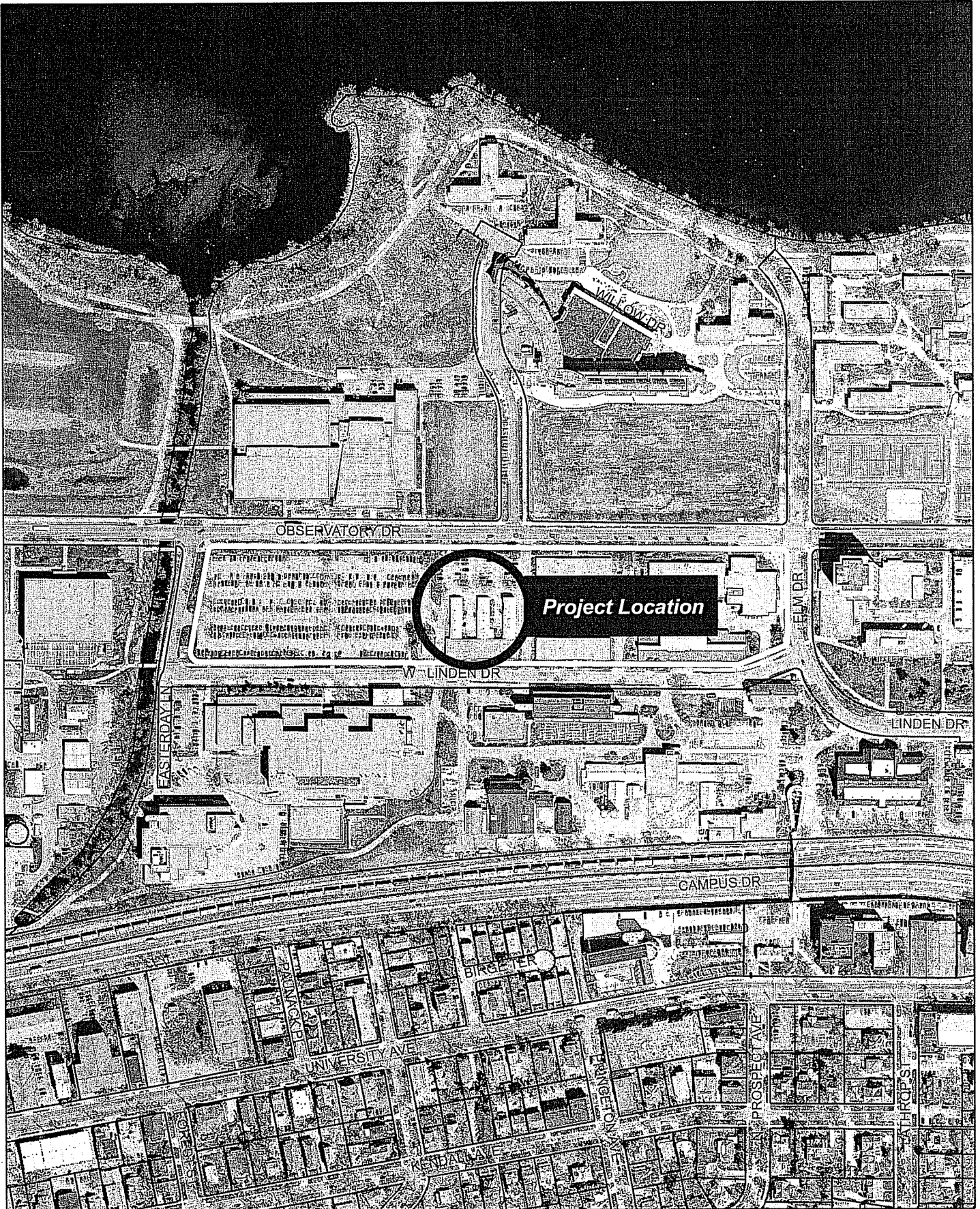


For Questions Contact: Heather Stouder at: 266-5974 or hstouder@cityofmadison.com or City Planning at 266-4635



Scale : 1" = 400'

City of Madison, Planning Division : RPJ : Date : 28 September 2015





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 <u>8/19/15</u>	
Received By <u>JCP</u>	
Parcel No. <u>0709-153-0501-9</u>	
Aldermanic District <u>S BIDAR-SIECAFF</u>	
Zoning District <u>C3</u>	
Special Requirements <u>dk</u>	
Review Required By:	
<input type="checkbox"/> Urban Design Commission	<input checked="" type="checkbox"/> Plan Commission
<input type="checkbox"/> Common Council	<input type="checkbox"/> Other: _____

Form Effective: February 21, 2013

1. **Project Address:** 1933 Observatory Drive (Meat Science Lab) & 1932 Linden Drive (BSL2 Lab)
Project Title (if any): Meat Science and Muscle Biology Building

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: Gary Brown **Company:** University of Wisconsin-Madison
Street Address: 610 Walnut Street **City/State:** Madison, WI **Zip:** 53726
Telephone: (608) 263-3023 **Fax:** () **Email:** gbrown@fpm.wisc.edu

Project Contact Person: Michael Gordon **Company:** Potter Lawson, Inc.
Street Address: 749 University Row, Suite 300 **City/State:** Madison, WI **Zip:** 53705
Telephone: (608) 274-2741 **Fax:** () **Email:** mikeg@potterlawson.com

Property Owner (if not applicant): Board of Regents, UW System
Street Address: 1860 Van Hise Hall; 1220 Linden Drive **City/State:** Madison, WI **Zip:** 53706

4. Project Information:

Provide a brief description of the project and all proposed uses of the site: _____
New Meat Science Lab, including Meat Lab, BSL2 Suite, other labs, instructional spaces, offices and common areas.

Development Schedule: Commencement 08/01/2016 Completion 06/01/2018

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/altere 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 ² 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:
District 4 Alder Shiva Bidar-Sielaff notified July 22, 2015, via email. Joint West Campus Area Committee information presentation occurred July 22, 2015

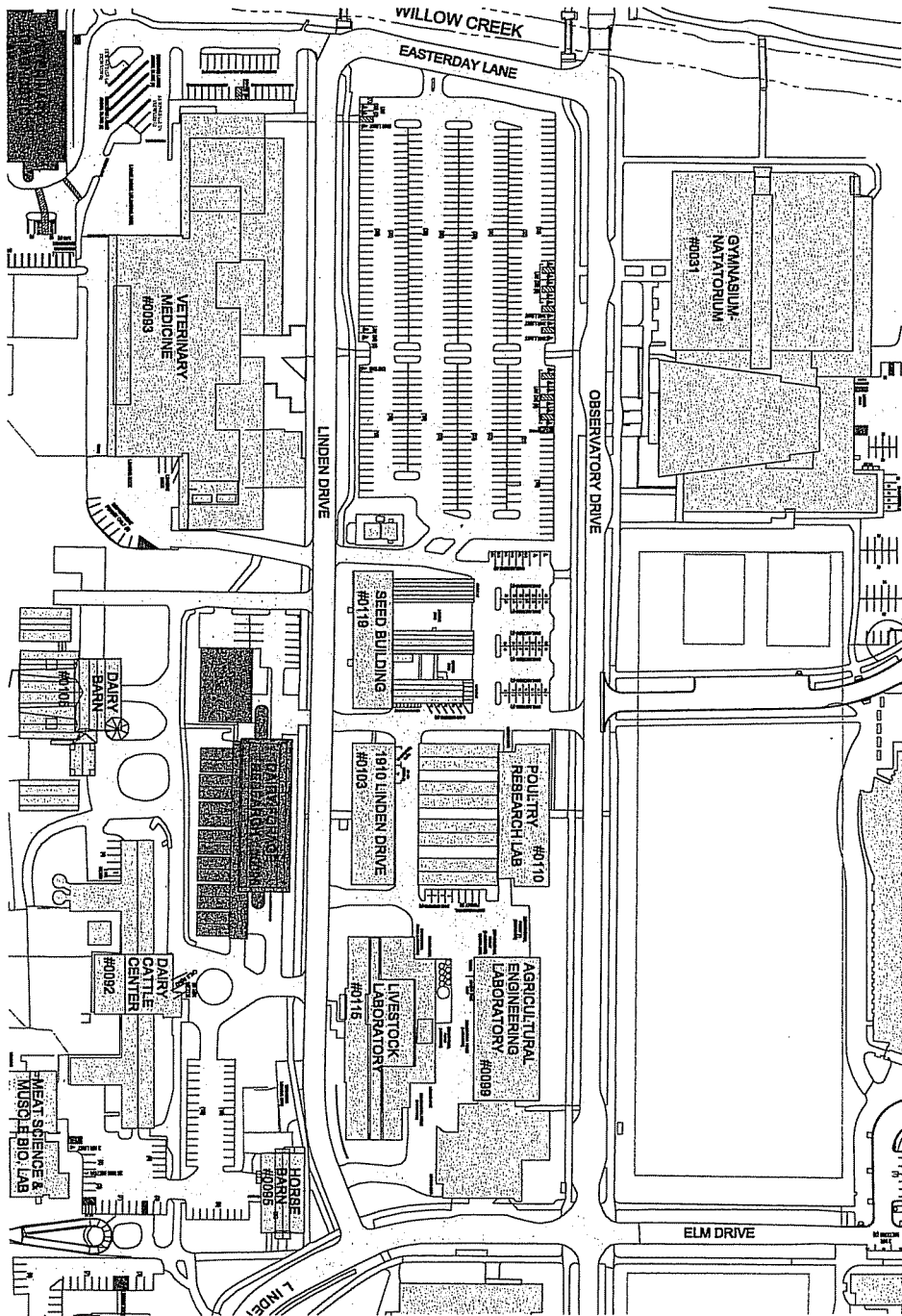
→ If a waiver has been granted to this requirement, please attach any correspondence to this effect to this form.

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: DAT Tim Parks Date: 07/09/2015 Zoning Staff: DAT Jenny Kirchgatter Date: 07/09/2015

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

Name of Applicant Gary Brown Relationship to Property: Owner's Representative
Authorizing Signature of Property Owner *Gary A. Brown* Date 8/11/15



9.0 DEMOLITION EVALUATION

August 3, 2015



Amy Scanlon
Madison Landmarks Commission
Department of Planning & Development
215 Martin Luther King, Jr. Blvd.
Madison, WI 53701-2985

RE: HISTORIC EVALUATION OF THE SEED BUILDING (UW#0119, WHS#160463) AT 1930 LINDEN DRIVE ON THE UNIVERSITY OF WISCONSIN-MADISON CAMPUS

Please accept this information packet in regards to the historical evaluation of the Seed Building (Agronomy Seed Laboratory) on the UW-Madison campus. This information is being provided for your information and review. Please respond with any comments or approval, as it is our understanding the demolition of the Seed Building will not trigger a landmarks commission submittal based on our assembled information. We value your knowledge as preservation planner for the city and its importance to development projects here at UW.

The currently named Seed Building at 1930 Linden Drive was built in 1940 as a central seed storage facility for the university. The brick building was connected to two existing Trachte structures. A third Trachte structure was also added at the time of this project. The astyilistic utilitarian building was designed by university architect, Arthur Peabody. I've attached an excerpt from Jim Feldman's book "The Buildings of the University of Wisconsin" for your reference.

Review of the plans will indicate where the existing structure currently resides and how the proposed building will develop in this area. I thank you for your timely response to this matter.

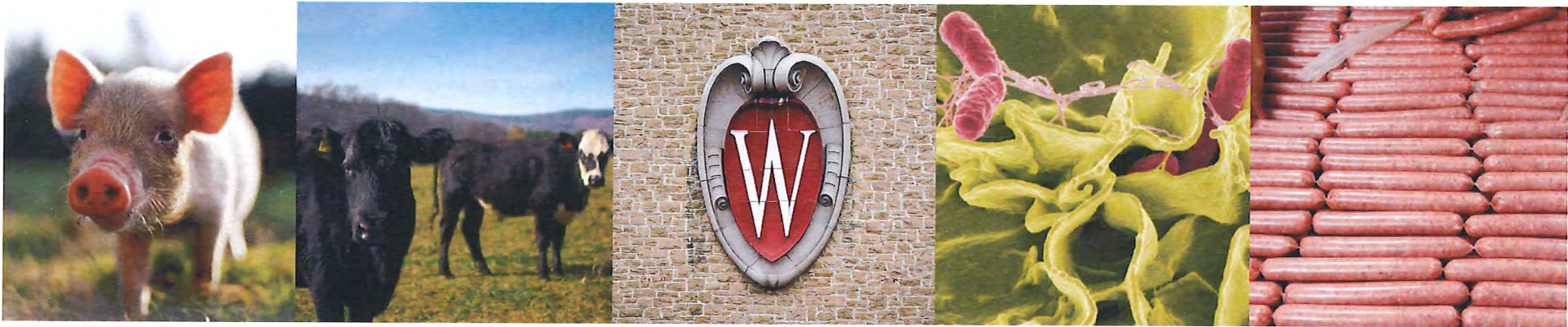
Aaron J. Williams
Assistant Campus Planner & Zoning Coordinator
Facilities Planning & Management, University of Wisconsin-Madison

cc: Gary Brown, Director, Campus Planning & Landscape Architecture
Su LaRose, Project Manager, Meat Science and Muscle Biology Building

Facilities Planning & Management

855C WARF Building University of Wisconsin-Madison 610 Walnut Street Madison, Wisconsin 53726-2387
(608) 265-3444 FAX (608) 262-6801

13



MADISON LAND USE SUBMITTAL

MEAT SCIENCE AND MUSCLE BIOLOGY BUILDING, UW MADISON

DSF PROJECT NUMBER: 13I2Y

AUGUST 19, 2015



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1.0 LETTER OF INTENT



August 19, 2015

Mr. Matthew Tucker
City of Madison Zoning Administrator
215 Martin Luther King Jr. Blvd
Rm. LL-100, Municipal Bldg
Madison, WI 53710

**RE: CONDITIONAL USE APPLICATION – Letter of Intent
Meat Science and Muscle Biology Building
1933 Observatory Drive (Science Lab) & 1932 Linden Drive (BSL2 Suite)
University of Wisconsin-Madison**

Dear Mr. Tucker:

This is an application for a Conditional Use request for removal of the 17,750 GSF existing Seed Building located at 1930 Linden Drive and for the development of a new 2-story modern teaching, research, and outreach facility with approximately 61,600 GSF (35,000ASF) to support the meat industry of the State of Wisconsin. The property is currently zoned Campus-Institutional District (CI), as defined in MGO 28.097. As such the building is an acceptable Primary Use. Construction of the improvements is scheduled to begin July 2016 and be completed in April 2018. All land is owned by the Board of Regents of the University of Wisconsin System.

Application Materials

- Zoning Application
- Plans (7 full size copies, 25 reduced size 11" x 17" copies, 1 letter size copy)
- Letter of Intent (32 copies)
- Legal Description

Project Participants

Owner: State of Wisconsin
Agency: University of Wisconsin System
Board of Regents
Room 1860 Van Hise Hall
1220 Linden Drive
Madison, Wisconsin 53706

Owner's Contact: University of Wisconsin – Madison
Facilities Planning and Management
919 WARF Building
610 Walnut Street
Madison, Wisconsin 53726
Phone: 608-263-3023
Fax: 608-265-3139
Attn: Gary Brown
E-Mail: gbrown@fpm.wisc.edu

Facilities Planning & Management

9th Floor WARF Building 610 Walnut Street Madison, Wisconsin 53726-2397
(608) 263-3000 FAX (608) 265-3139 TTY (608) 265-5147

Dept of Admin: Division of Facilities Development
101 E. Wilson Street – 7th Floor
P.O. Box 7866
Madison, Wisconsin 53707
Phone: 608-266-1412
Attn: Russ Van Gilder
E-Mail: Russ.VanGilder@wisconsin.gov

Architects: Potter Lawson, Inc.
749 University Row #300
Madison, Wisconsin 53705
Phone: 608-274-2741
Attn: Mike Gordon, Senior Vice President
E-Mail: MikeG@PotterLawson.com

Landscape Architect: Ken Saiki Design,
303 S. Paterson Street #1
Madison, Wisconsin 53703
Phone: 608-251-3600
Fax: 608-251-2330
Attn: Ken Saiki, ASLA
E-Mail: ksaiki@ksd-la.com

MEP Engineers: KJWW
802 W. Broadway
Madison, Wisconsin 53713
Attn: Dave Smith, PE, EDAC, LSS
Phone: 608-223-9600
Fax: 608-223-9601
E-Mail: smithda@kjww.com

Structural Engineers: Structural Engineers, P.C.
114 Nicholas Drive
Marshalltown, Iowa 50158
Phone: 641-752-6334
Fax: 641-752-6859
Attn: Larry Olson, PE
E-Mail: structuralEngineers@sepc.biz

Surveyor: Snyder Associates
2010 Voges Road
Madison, Wisconsin 53718
Phone: 608-838-0444
Attn: Mike Calkins
E-Mail: mcalkins@snyder-associates.com

Project Background:

The existing 25,747 ASF/30,190 GSF Meat Science and Muscle Biology Laboratory, located at 1805 Linden Drive, was constructed in the 1930's for faculty of the Animal Husbandry Department, with additions in 1959 and 1969. This building will be renovated for a different use for the College of Agricultural & Life Sciences, likely as a replacement for the Seed Building being removed as described below. In the 1940s, a Meat Science program was created at the UW-Madison and subsequent faculty recruitment and research resulted in the emergence of a preeminent program in Meat Science. The mission of the program includes (1) training the next generation of meat industry leaders with cutting edge insightfulness and technologies, (2) supporting innovative research interests through interdisciplinary collaborative efforts, and (3) providing outreach education to foster the production of wholesome meat products for the consuming public and the economic development of the meat industry.

Project Description:

The new Meat Science project site will be located on the UW-Madison campus at 1933 Observatory Drive. Currently, the site is occupied by the Seed Building and is bordered on the north by Observatory Drive, on the west by UW Parking Lot 62, on the south by Linden Drive, and to the east by the Poultry Research Laboratory.

The project will remove the existing Seed Building located at 1930 Linden Drive (17,750 GSF), a series of old Quonset hut buildings connected to the original brick building along Linden Drive which has no current historical designations per the Wisconsin Historical Society. The new project will construct a 2-story modern teaching, research, and outreach facility with approximately 61,600 GSF (35,000 ASF) to support the meat industry of the State of Wisconsin. The new laboratory will facilitate the development of modern meat processing and research through the inclusion of lab general-purpose benches for biochemical, chemical, and microbial studies, as well as more specialized rooms for microscopy, tissue culture, instrumentation and cold experiments. The project will also include a separate Biosafety Level 2 (BSL2) suite, an abattoir, carcass chilling and cooling facilities, and a meat processing area with retail capabilities through Bucky's Butchery, also located in the new facility.

No on-site vehicular parking will be provided, but a new parking structure is planned for the west side of the new building on the existing UW Parking Lot 62. The current timeframe for that project is to open in the 2017-19 biennium.

The Meat Science program serves to teach and conduct research in the evolving subject of meat science, food safety and the humane treatment of agricultural animals, as well as economic aspects of the meat industry as the supplier of meat for human consumption. Discovery from research is expected to lead to new markets and new higher levels of economic value for agricultural animals. Currently, the primary economic value of agricultural animals raised for the food supply lies in the edible meat, but with evolving research and discovery, the future value may lie in cellular/molecular level non-edible parts of the animal.

The primary exterior wall materials will include masonry, stone, and metal panels. The exterior walls will typically be non-bearing, insulated screen wall construction with 3" rigid insulation and concrete block backup. The overall aesthetic and material usage will be sympathetic to the near west campus design neighborhood where it is located.

The planned loading and service functions for the building will occur via four berths located along a one-way vehicular access road, north to south, between the proposed building and the existing Poultry Research Laboratory. The furthest south of these loading bays is designated for the BSL2 located along Linden Drive. An exterior trash enclosure will be provided within the general receiving area. It will house several 2 CY or 4 CY dumpsters as well as several 95 gallon recycling containers. A central CO2 tank will be enclosed and accessible for refill on the southeast corner of the building. Snow removal and site maintenance will be provided by university staff, as typical with all university facilities.

Building signage will be important with this facility have two addresses to distinguish between the primary teaching/research facility and the BSL2 Lab. New building mounted or ground mounted building signs will be included as part of the project following campus standards. Campus standard, sharp cut-off lighting fixtures will be used across the site.

From a fire protection standpoint, the entire building will be fully sprinkled. Currently there are fire hydrants within 500' on all four sides of the site. Hydrants are located: 125' north along Observatory Drive, 420' west along Observatory Drive, 435' east along Linden Drive, 90' south along Linden Drive.

The overall project generally follows the 2005 UW-Madison Campus Master Plan that suggests a new College of Agricultural & Life Sciences building in this area.

Project Schedule:

Start Construction:	August, 2016
Substantial completion:	April, 2018
Occupancy:	May, 2018

Proposed Uses:

The proposed uses and associated square footage are as follows:

Hardscape:	29,165 GSF
Softscape:	22,610 GSF
<u>Building Footprint:</u>	<u>39,400 GSF</u>
Total Developed Area:	91,175 GSF

Hours of Operation

Hours of operation will mostly occur during the regular business day, 7:00 AM to 5:00PM. However, since this is a university research lab, some activity may occur at other times of the day. Most of the off-hour activity is expected to occur within the lab spaces. Bucky's Butchery is an additional educational component of the facility which provides invaluable skills regarding food safety, sanitation and product sales in a small, 330 ASF public retail environment. The current hours of this operation are limited to Friday's from 11AM-3PM. These hours may be lengthened to meet student and facility need.

Building Areas:

The existing and proposed expansion areas are as follows:

Abattoir/Meat Cutting, Processing & Support:	14,753 ASF
Lecture/Demonstration:	3,840 ASF
Research Lab Suite/Lab Office:	7,837 ASF
Administration/Reception:	2,670 ASF
Back Door/Receiving:	1,226 ASF
<u>BSL2:</u>	<u>4,178 ASF</u>
Total at Completion:	34,504 ASF

Auto and Bike Parking Stalls:

Parking is addressed, in accordance with the overall university Campus Master Plan, on a campus-wide basis not by individual building. As part of this project Lot 43 (58 metered spaces) will be removed to make way for the building footprint. These metered spaces are primarily used by short term visitors to campus and will be distributed throughout the area into existing lots via stall re-designation. A future parking structure is planned for the 2017-19 biennium to be placed directly to the west on a portion of Lot 62. Accessible parking for the building will be served by existing Lot 62 facilities. Public metered parking for Bucky's Butchery will be included in this future parking ramp.

Bike parking will be accommodated throughout the site in greater numbers than exist today. There will be 24 bike parking added along the west facade of the building. Currently, there is limited bike parking (10 stalls) in the area.

The proposed project location is well serviced by existing Metro bus routes (11, 28, 38, 44, 80) both east and west bound along Observatory Drive. Natatorium boarding #2267 and #2442 currently see stops every seven minutes during Spring and Fall semesters stretching out to every 15 minutes during university break schedule.

Lot Coverage and Usable Open Space Calculations

The lot is 91,175 square feet. The total open space/area outside the building footprint and other impervious area is 51,775 square feet.

Estimated Project Cost:

The project is estimated to cost \$42,877,000.

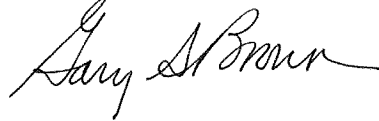
Number of Construction & Full-Time Equivalent Jobs Created

Based on a study entitled "The Impact of Construction on the Wisconsin Economy" by C3 Statistical Solutions, published in January 2011, every \$1 spent directly on construction projects produces an overall economic impact of approximately \$1.92. Using a related formula that 17 jobs are created for every \$1 million of construction costs, this \$42.9M project should create approximately 729 jobs split between design and construction workers and direct, indirect and induced jobs.

The project was presented to the City of Madison Development Assistance Team on July 9, 2015 and to the Joint West Campus Area Committee on July 22 for informational purposes.

Please contact me at 608-263-3023 if you have any questions or need further information.

Thank you,



Gary A. Brown, PLA, FASLA
Director, Campus Planning & Landscape Architecture
Facilities Planning & Management, University of Wisconsin-Madison

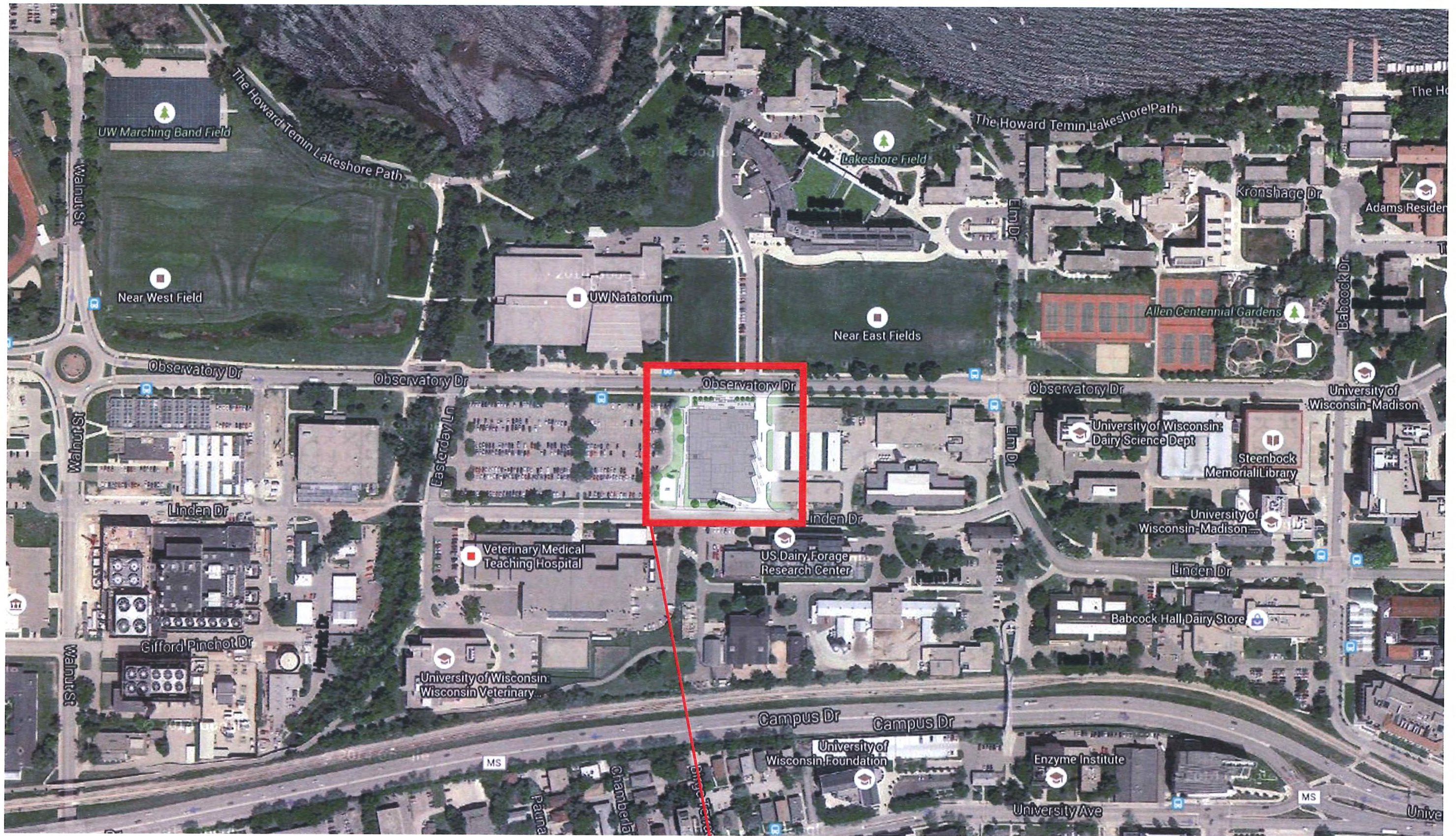
cc: Stu LaRose, UW-Madison FP&M Project Manager Alder Zach Wood, District 8
Russ Van Gilder, DOA/DFD Project Manager

LEGAL DESCRIPTION OF THE SITE

Provided by Snyder and Associates, the surveyor.

PART OF THE UNIVERSITY OF WISCONSIN LANDS LOCATED IN THE SOUTHEAST QUARTER AND THE SOUTHWEST QUARTER OF SECTION 15, TOWNSHIP 7 NORTH, RANGE 9 EAST, CITY OF MADISON, DANE COUNTY, WISCONSIN.

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Meat Science and Muscle Biology Building Site
with proposed building footprint

Locator Map

Meat Science and Muscle Biology Building - UW Madison

August 19, 2015



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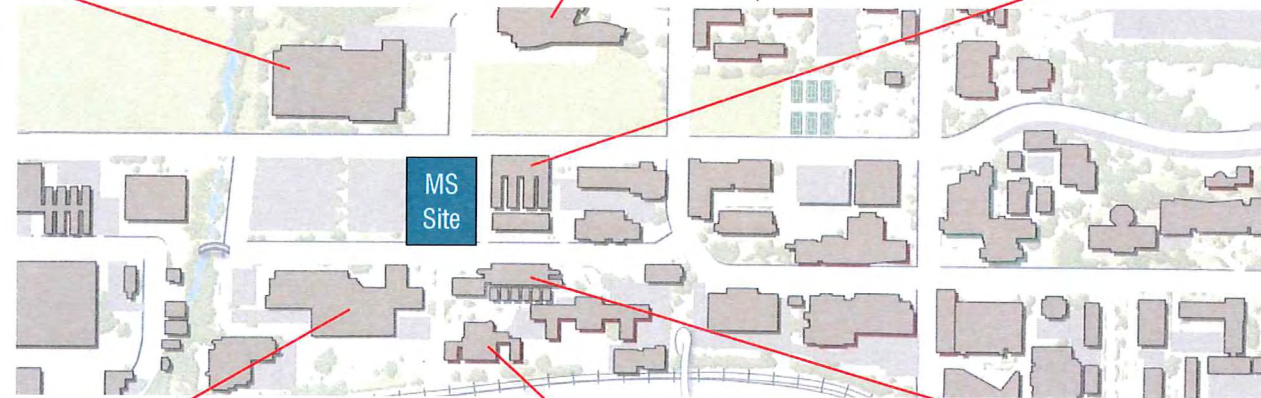
The NAT



Dejope Hall



Poultry Research



Veterinary Medicine

Dairy Barn

US Dairy Forage



Site Context Photos

Meat Science and Muscle Biology Building - UW Madison
August 19, 2015

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AERIAL VIEW FROM NORTHEAST



PERSPECTIVE VIEW FROM NORTHEAST



PERSPECTIVE VIEW FROM EAST

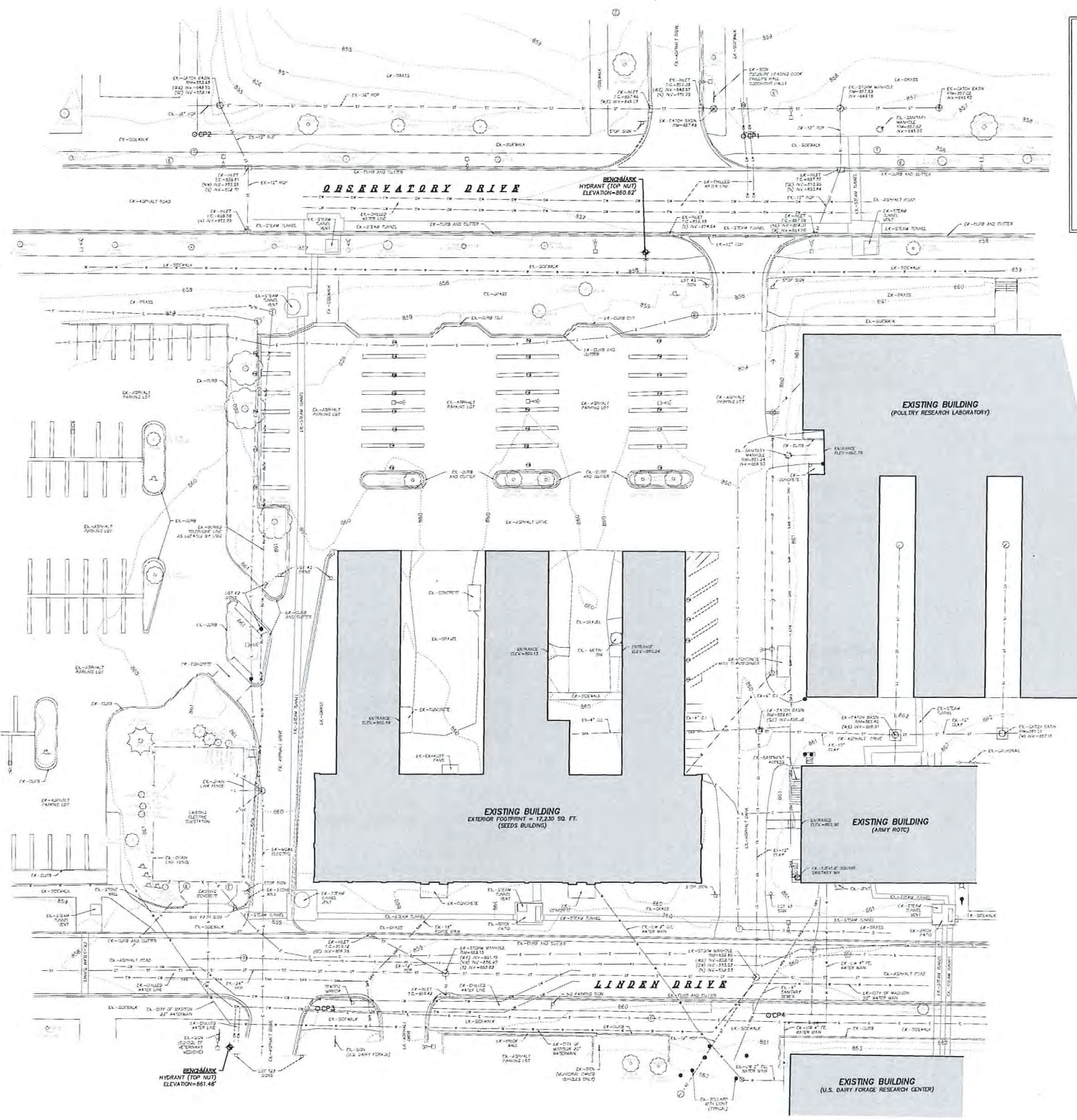


AERIAL VIEW FROM SOUTHEAST

Perspective Illustrations
Meat Science and Muscle Biology Building - UW Madison
August 19, 2015

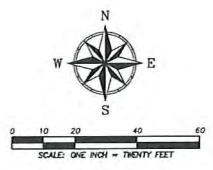
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DATE: 08-12-15	DATE: 08-10-15	DATE: 12-05-14	DATE: 11-20-14
ADDL. DATE DESCRIPTION	LOCAL ADDITIONAL DRAWING TITLES	REVISION	BY
		Checked By: ARG	Field Bk. Pkg
MADISON, WISCONSIN		Project No: POT12	Sheet 1 of 1
5010 VOIGES ROAD MADISON, WISCONSIN 53718 608-838-0444 www.potterlawson.com			
UW MADISON MEAT SCIENCE TOPOGRAPHIC SURVEY		SNYDER & ASSOCIATES	
		PROJECT No. POT12	
Sheet 1 of 1		Sheet 1 of 1	



LEGEND

○ SANITARY MANHOLE	□ YARD LIGHT	○ GAS MANHOLE/VAULT	— 2" — STORM SEWER LINE
△ FIRE HYDRANT	□ ELECTRIC POWER POLE	□ CABLE TV BOX	— 4" — WATER MAIN LINE
○ WATER CURB STOP	○ GUY ANCHOR	○ CABLE TV MANHOLE/VAULT	— 8" — SANITARY SEWER LINE
○ WATER VALVE	○ STREET LIGHT	○ PARKING METER	— 4" — OVERHEAD UTILITY LINE
○ CIRCULAR INTAKE/PALET	○ UTILITY POLE W/LIGHT	○ AIR CONDITIONER	— 1.5" — BURIED GAS LINE
○ STORM SEWER MANHOLE	□ ELECTRIC BOX	○ BENCHMARK	— 1.5" — BURIED TELEPHONE LINE
○ ELECTRIC INTAKE/PALET	○ ELECTRIC TRANSFORMER	○ HANDICAP PARKING STALL	— 1.5" — BURIED ELECTRIC LINE
○ SQUARE INTAKE/PALET	○ ELECTRIC MH OR VAULT	○ TRAFFIC SIGN	— 1.5" — BURIED CABLE TV LINE
○ STORM SEWER SHED	○ TELEPHONE JUNCTION BOX	○ DECIDUOUS SHRUB	— 1.5" — BURIED FIBER OPTIC LINE
○ FLARED END SECTION	○ TELEPHONE MH OR VAULT	○ CONIFEROUS SHRUB	— 1.5" — FENCE LINE
● GATE POST	○ TELEPHONE POLE	○ STUMP	— 1.5" — BOULDER RETAINING WALL
● GUARD POST/BOLLARD	○ GAS VALVE	○ DECIDUOUS TREE (SEE VARIES)	— 1.5" — BLOCK RETAINING WALL
● FLAG POLE	○ GAS METER	○ CONIFEROUS TREE (SEE VARIES)	— 1.5" — OVERHEAD ELECTRIC LINE
			— 1.5" — CHILLED WATER LINE

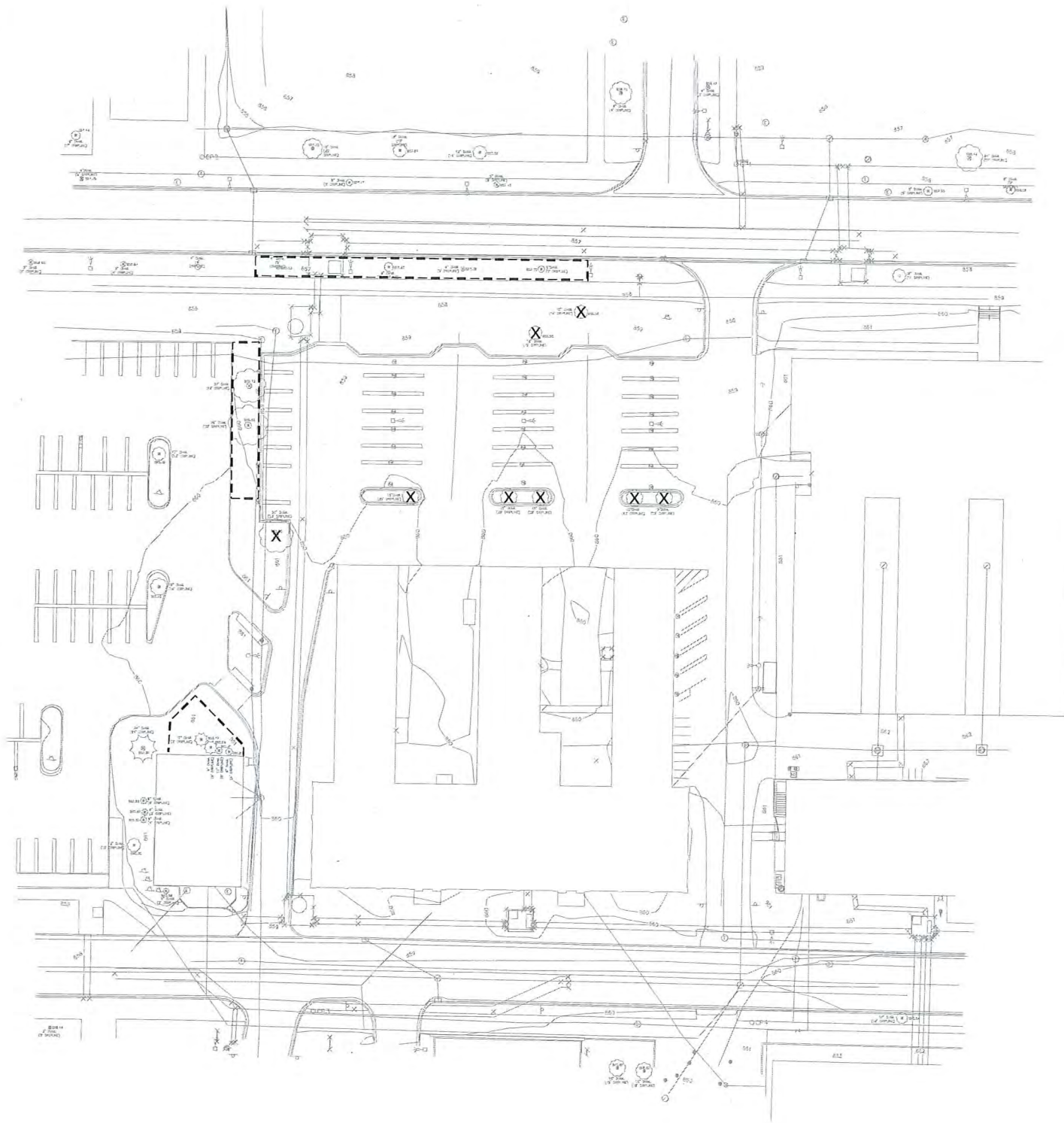


CONTROL POINTS

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	481512.63	812032.80	857.94	115 CP1 PK NO1
2	481514.56	811785.58	857.32	115 CP2 PK NO1
3	481522.17	811840.07	858.98	115 CP3 PK NO1
4	481517.77	812042.87	862.62	115 CP4 PK NO1

COORDINATES ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, LINE COUNTY, WISCONSIN

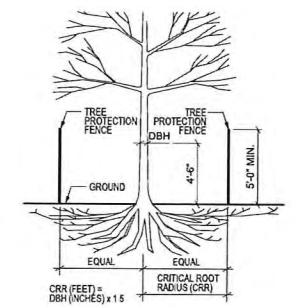
- NOTES:**
- 1) Date of Field Survey: November 21 and 24, 2014, February 13, 2015.
 - 2) Elevations are based upon NAVD88 Datum and are referenced to the WSCORS (Wisconsin Continuously Operating Reference Stations) network.
 - 3) Surveyor has made no investigation or independent search for encumbrances of record, encumbrances, restrictive covenants, ownership title evidence, or any other facts that the current title search may disclose.
 - 4) No attempt has been made as a part of this survey to obtain or show data concerning size, depth, condition or capacity of any utility or municipal/public service facility. For information regarding these utilities or facilities contact the appropriate agencies.
 - 5) "Sold property is located within an area having a Zone designation "X" by the Federal Emergency Management Agency, on Flood Insurance Rate Map No. 55025C0405G, with a date of identification of January 2, 2009, for Community Number 050003 in Dane County, State of Wisconsin, which is the current Flood Insurance Rate Map for the community in which said property is situated."
 - 6) Subsurface utilities and features shown on this survey have been approximated by locating surface features and appurtenances, locating Digger's Hotline field markings and by reference to utility records and maps. Digger's Hotline Ticket Number 20144609548.
 - 7) Before excavation, appropriate utility companies should be contacted. For exact location of underground utilities, contact Digger's Hotline at 1-800-242-8511.
 - 8) No wetlands exist on the property surveyed per the WDNR surface water data viewer website. (Wisconsin Wetland Inventory)
 - 9) All surface and subsurface improvements on and adjacent to the site are not necessarily shown hereon.
 - 10) All trees, hedges and ground cover on the site may not necessarily be shown hereon.
 - 11) Except as specifically stated or shown on this map, this survey does not purport to effect any of the following which may be applicable to the subject real estate: assessments, building setbacks lines, restrictive covenants; subdivision restrictions; zoning or other land use regulations; and any other facts that an accurate and current title search may disclose.



1
C103 **TREE PROTECTION AND REMOVALS PLAN**
 SCALE: 1" = 20'-0"

LEGEND

- X TREE / PLANT REMOVAL
- TREE / PLANT PROTECTION FENCE



- NOTES:**
1. ALL TREES SHOWN TO BE RETAINED WITHIN THE LIMITS OF CONSTRUCTION ON THE PLANS SHALL BE PROTECTED DURING CONSTRUCTION WITH FENCING.
 2. TREE PROTECTION FENCES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY SITE DEMOLITION OR PREPARATION WORK (CLEARING, GRUBBING, OR GRADING) AND SHALL BE MAINTAINED THROUGHOUT ALL PHASES OF THE CONSTRUCTION PROJECT. NO CONSTRUCTION MATERIALS, EQUIPMENT, OR SUPPLIES MAY BE STORED IN THE TREE PROTECTION AREA.
 3. SEE SPEC SECTION 31 13 16 - SELECTIVE TREE AND SHRUB PROTECTION AND TRIMMING FOR MORE INFORMATION.

NOTES




1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY SURVEY INFORMATION AND SITE CONDITIONS PRIOR TO START OF CONSTRUCTION AND REPORT ANY DISCREPANCIES. CONTRACTOR SHALL CONTACT DIGGERS' HOTLINE AND UW-MADISON TO LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO START OF CONSTRUCTION. ANY DAMAGE CAUSED TO EXISTING UTILITIES, EITHER SHOWN OR NOT, SHALL BE REPAIRED AND PAID FOR AT THE CONTRACTOR'S EXPENSE.
2. CONTRACTOR SHALL PROTECT BENCHMARKS.
3. ALL TREES SHOWN TO BE RETAINED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED WITH TREE PROTECTION FENCING. ALL TREE PROTECTION FENCING SHALL BE IN PLACE PRIOR TO ANY SITE WORK. SEE SPECIFICATION 31 13 16, "SELECTIVE TREE AND SHRUB PROTECTION AND TRIMMING" FOR PROTECTION REQUIREMENTS.

DIGGERS' HOTLINE
 Toll Free (800) 242-8511
 Milwaukee Area (414) 259-1181
 Hearing Impaired TDD (800) 542-2289
 www.DiggersHotline.com

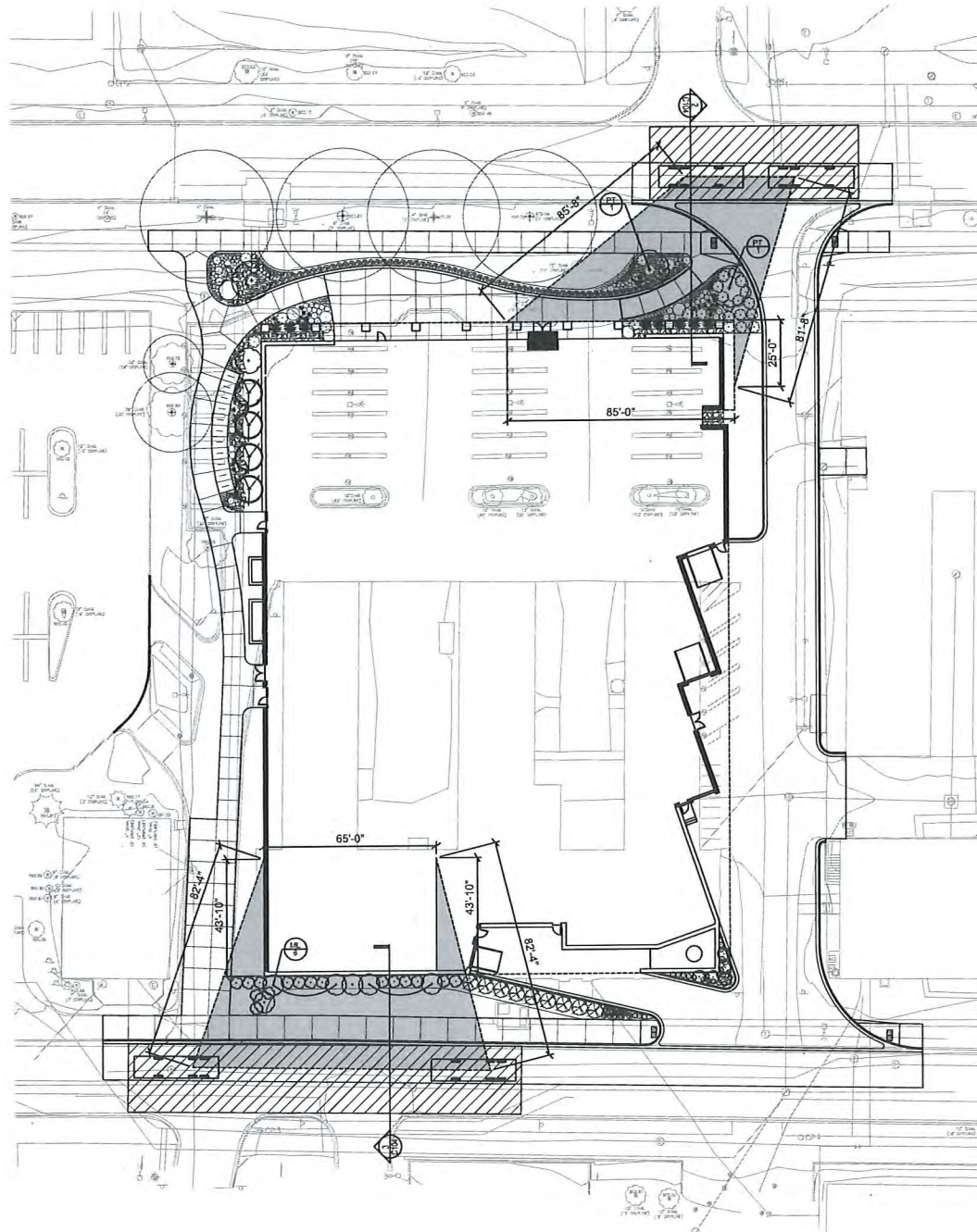
Rev.	Date	Description
08/19/15		CITY SUBMITTAL

Graphic Scale	0' 10' 20' 30'
DFD Number	1312Y
Set Type	CU
Date Issued	08/19/2015
Sheet Number	C103

LEGEND

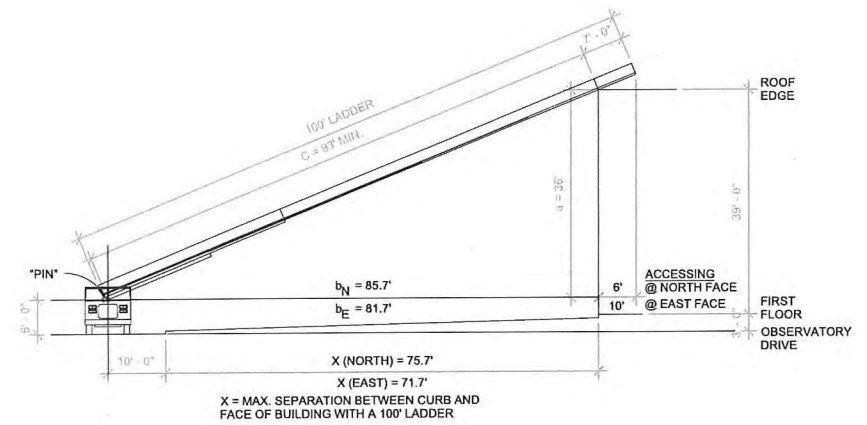
-  LADDER TRUCK
-  ZONE FOR FIRE DEPT. AERIAL ACCESS EQUIPMENT
-  LADDER ACCESS ZONE

Ornamental Trees Within Access Zone		
Key	Botanical Name	Mature Size
Ornamental Deciduous Trees		
ML	<i>Malus t. amzani</i>	10' Height x 8' Spread
PT	<i>Prinos trifoliata</i>	15' Height x 15' Spread

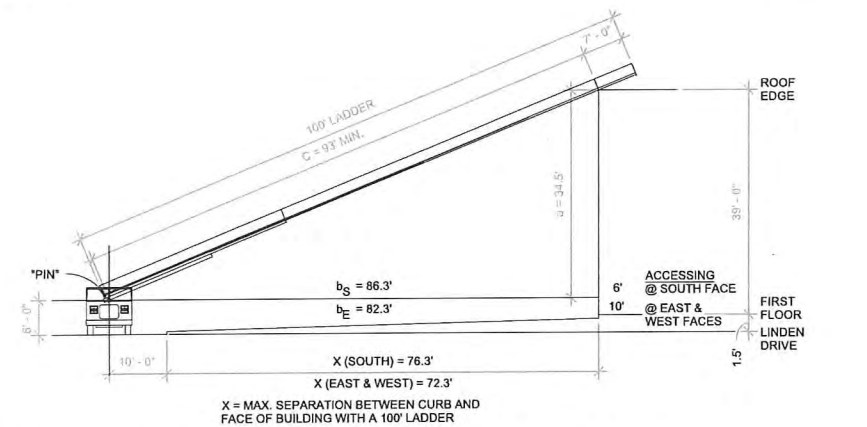


1
C104 **FIRE ACCESS PLAN**
SCALE: 1" = 20'-0"

ACCESS TO 2ND FLOOR ROOF	
REQUIRED LENGTH OF ACCESS = 25% OF BUILDING PERIMETER	
= 25% x 838 LF =	210 LF
TOTAL CALCULATED LENGTH OF ACCESS	
NORTHEAST CORNER = 85 LF + 25 LF =	110 LF
SOUTHWEST CORNER = 43 LF + 65 LF + 43 LF =	151 LF
TOTAL CALCULATED ACCESS	261 LF
CALCULATED ACCESS TO 2ND FLOOR ROOF EXCEEDS REQUIRED	



2
C104 **TRUCK WITH 100' LADDER ON OBSERVATORY DRIVE**
SCALE: 1" = 10'-0"



3
C104 **TRUCK WITH 100' LADDER ON LINDEN DRIVE**
SCALE: 1" = 10'-0"

Potter Lawson

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PLI Project No: 2014.21.00

Consultant:



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State of Wisconsin
Department of Administration
Division of Facilities Development



Madison, Wisconsin

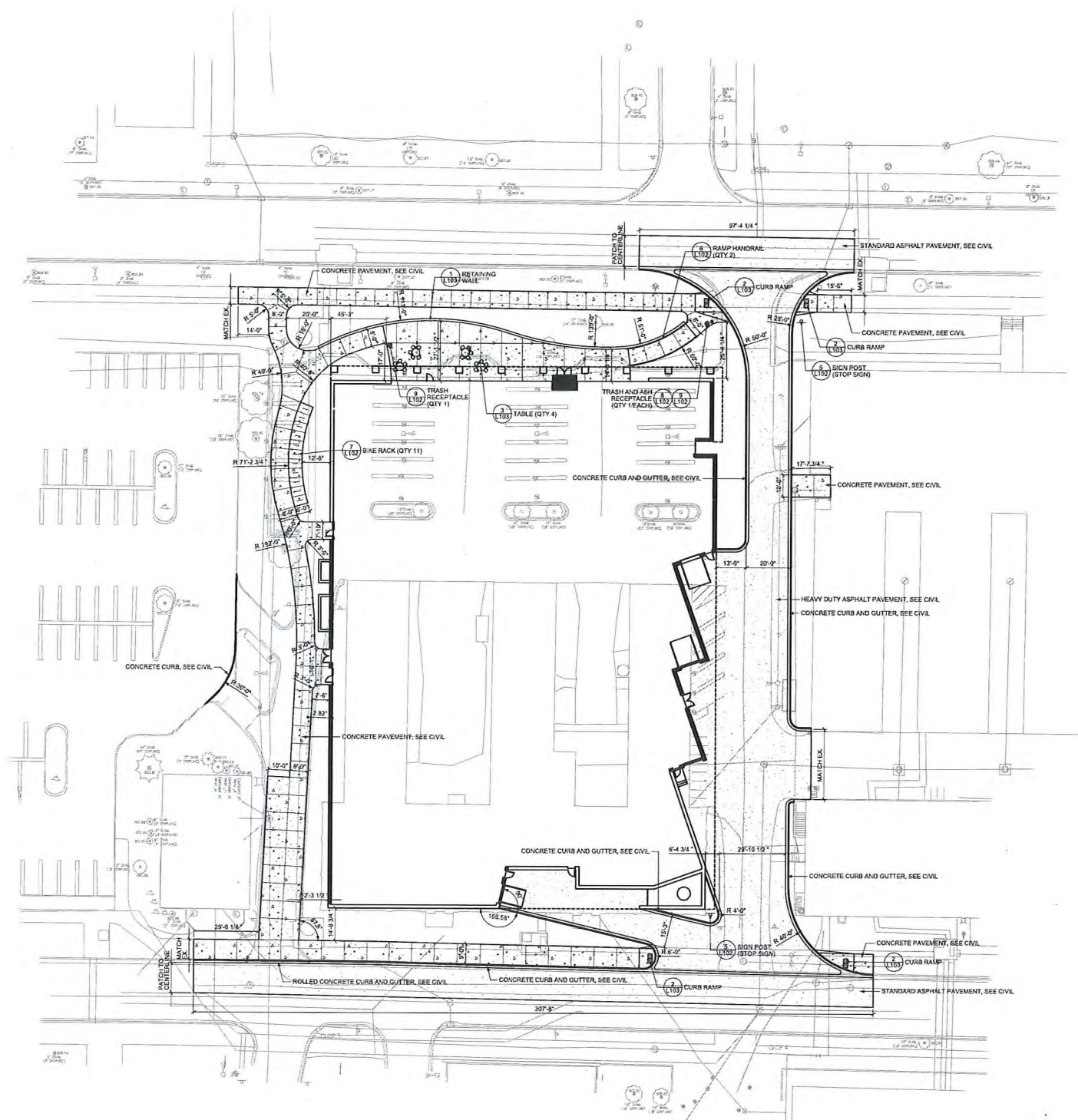
Meat Science Laboratory
UW - Madison

Fire Access Plan

Revisions:		
No.	Date	Description

Graphic Scale	VARIES
DFD Number	1312Y
Set Type	CU
Date Issued	08/19/2015
Sheet Number	C104





1 SITE LAYOUT PLAN
 C300 SCALE: 1" = 20'-0"

LEGEND

- EX EXISTING
- TYP. TYPICAL
- R x'x'" RADIUS
- CONCRETE PAVEMENT, SEE CIVIL
- STANDARD ASPHALT PAVEMENT, SEE CIVIL
- HEAVY DUTY ASPHALT PAVEMENT, SEE CIVIL

NOTES

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY SURVEY INFORMATION AND SITE CONDITIONS PRIOR TO START OF CONSTRUCTION AND REPORT ANY DISCREPANCIES. CONTRACTOR SHALL CONTACT DIGGER'S HOTLINE AND UW-MADISON TO LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO START OF CONSTRUCTION. ANY DAMAGE CAUSED TO EXISTING UTILITIES, EITHER SHOWN OR NOT, SHALL BE REPAIRED AND PAID FOR AT THE CONTRACTOR'S EXPENSE.
2. CONTRACTOR SHALL PROTECT BENCHMARKS.
3. ALL TREES SHOWN TO BE RETAINED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED WITH TREE PROTECTION FENCING. ALL TREE PROTECTION FENCING SHALL BE IN PLACE PRIOR TO ANY SITE WORK. SEE SPECIFICATION 31 13 16, "SELECTIVE TREE AND SHRUB PROTECTION AND TRIMMING" FOR PROTECTION REQUIREMENTS.

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 Department of Administration
 Division of Facilities Development

 Madison, Wisconsin

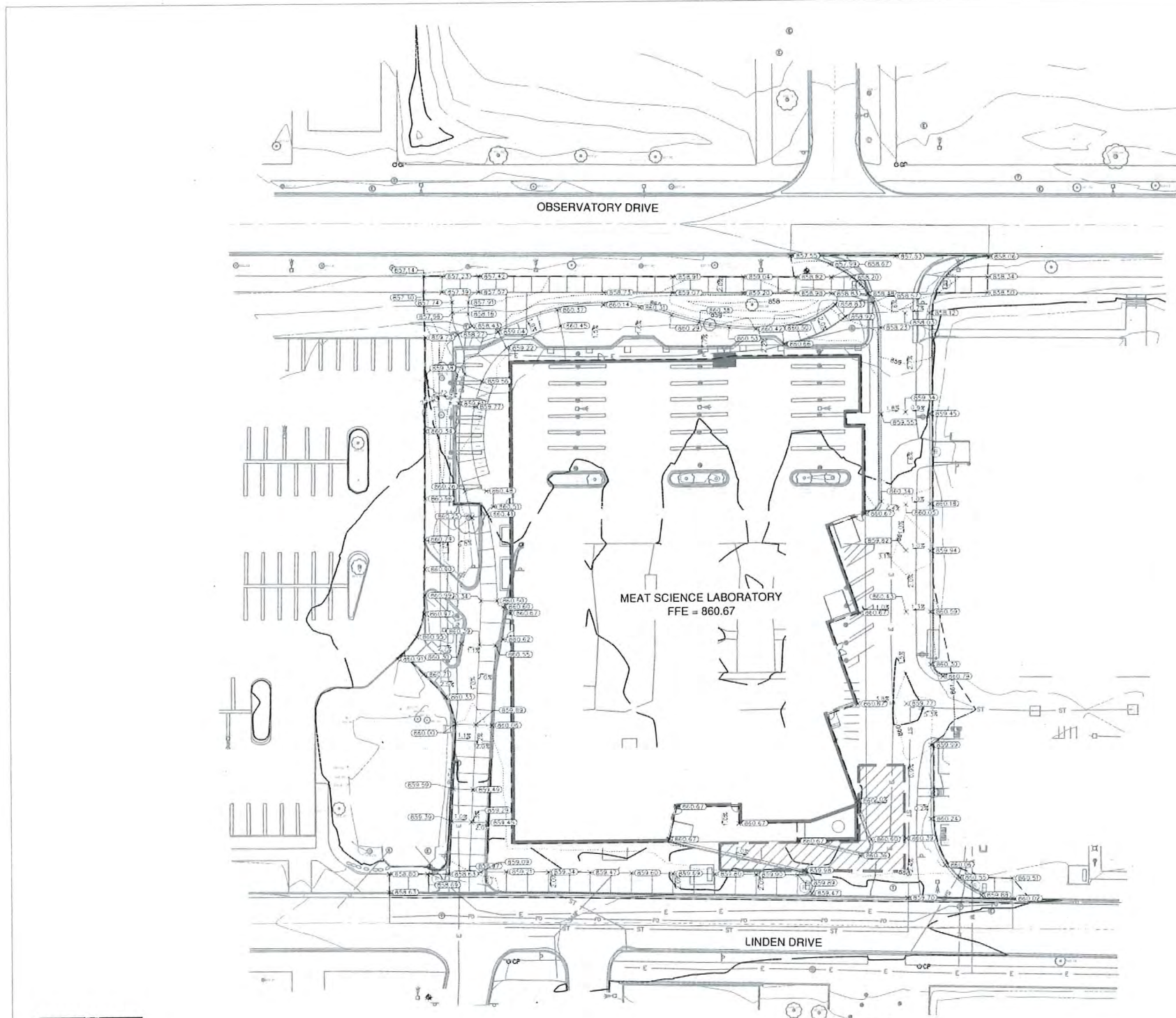
Meat Science Laboratory
 UW - Madison
 Sheet Title:
 Site Layout Plan

Revision	No.	Date	Description
	01	08/19/15	CITY SUBMITTAL

Graphic Scale	0' 10' 20' 30'
DFD Number	1312Y
Set Type	CU
Date Issued	08/19/2015
Sheet Number	C300

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 Milwaukee Area (414) 259-1881
 Hearing Impaired TDD (608) 542-2268
 www.DiggersHotline.com





GENERAL NOTES

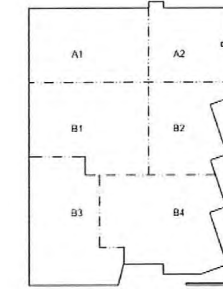
1. THE BASE SURVEY WAS PREPARED BY XXX IN XXX. ALL UNDERGROUND UTILITIES AND STRUCTURES HAVE BEEN SHOWN TO A REASONABLE DEGREE OF ACCURACY AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THEIR EXACT LOCATION AND TO AVOID DAMAGE THEREOF.
2. REFER TO SHEET CXXX FOR BENCHMARKS, DATUM, AND TOPOGRAPHIC ELEMENTS.
3. CONTRACTOR SHALL VERIFY LOCATION OF PROPOSED WORK AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO COMMENCING WORK.

GRADING NOTES

1. ADA REGULATIONS REQUIRE A MAXIMUM SLOPE OF 1:20 (5%) ALONG THE LENGTH OF THE ACCESSIBLE ROUTE AND A MAXIMUM SLOPE OF 1:50 (2%) ACROSS THE WIDTH OF THE ACCESSIBLE ROUTE. ADA REGULATIONS REQUIRE A MAXIMUM SLOPE OF 1:50 (2%) IN ALL DIRECTIONS WITHIN AN ADA PARKING STALL AND ADJACENT UNLOADING ZONE.
2. FIN ELEVATIONS IN CURB AND GUTTER ARE FINISH GRADES.

LEGEND

- 100 ——— EXISTING CONTOUR
- - - 100 - - - PROPOSED CONTOUR
- - - VERTICAL CURB
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED ADA RAMP WITH TRUNCATED DOMES



DIGGERS HOTLINE
 CALL 811 or Toll Free (800) 243-8111
 Invoicing Inquiries: (608) 742-2288
 www.diggershotline.com

NOTICE:
 In accordance with Wisconsin Statute 192.2172, through its
 Department of Transportation, the contractor shall be liable responsible to
 provide advance notice to the registered "ONE CALL SYSTEM"
 (800) 955-2888 prior to commencement of
 any excavation required to perform work outlined on this
 drawing and further, contractor shall comply with all other
 requirements of this statute relative to excavator's work.

DISCLAIMER:
 The underground utilities shown have been located from field
 survey, interpretation and existing drawings. The engineer makes
 no guarantee that the underground utilities shown comprise
 of such utilities in the area, either in terms of depth or location.
 The contractor, before commencing any excavation, shall verify
 the location, depth and nature of all underground utilities and
 shall certify that they are located as accurately as possible
 when information available. The engineer has not physically
 located the underground utilities.

8/4/2015 4:56:02 PM

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PL Project No:
2014 21 00

Consultant

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State of Wisconsin
Department of Administration
Division of Facilities Development

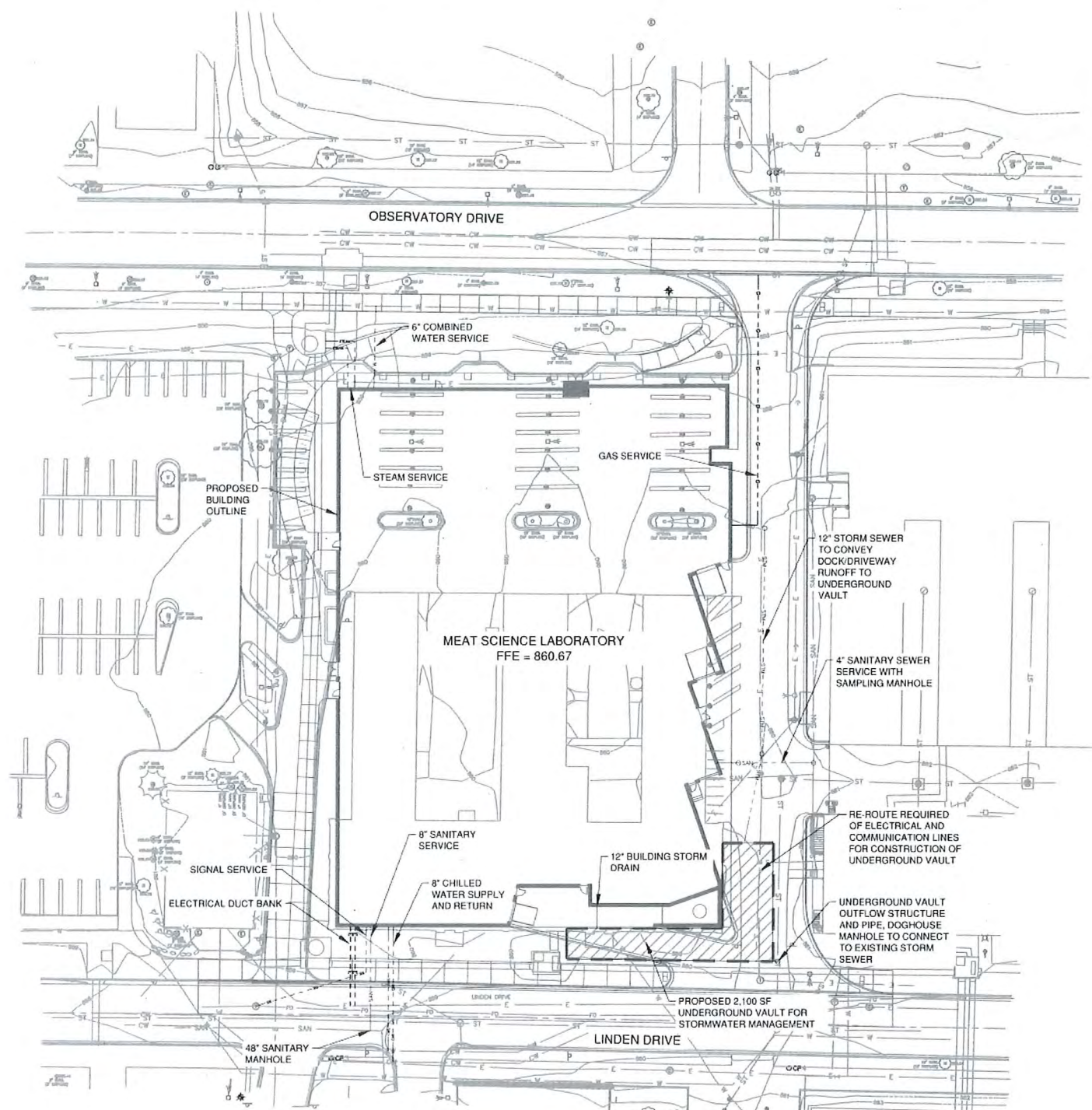
Madison, Wisconsin

Meat Science Laboratory
UW - Madison

Sheet Title:
Site Grading Plan

Revisions	No.	Date	By	Project
	001	08/04/2015	PL	1312Y

Graphic Scale	As Noted
DFO Number	1312Y
Set Type	CU
Date Issued	08/04/2015
Sheet Number	C400



GENERAL NOTES

1. THE BASE SURVEY WAS PREPARED BY XXX IN XXX. ALL UNDERGROUND UTILITIES AND STRUCTURES HAVE BEEN SHOWN TO A REASONABLE DEGREE OF ACCURACY AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THEIR EXACT LOCATION AND TO AVOID DAMAGE THERE TO.
2. REFER TO SHEET CXX FOR BENCHMARKS, DATUM, AND TOPOGRAPHIC ELEMENTS.
3. CONTRACTOR SHALL VERIFY LOCATION OF PROPOSED WORK AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO COMMENCING WORK.

LEGEND

- SN- - - - - PROPOSED STORM SEWER
- SAN- - - - - PROPOSED SANITARY SEWER
- W- - - - - PROPOSED WATER MAIN
- E- - - - - PROPOSED ELECTRICAL
- - - - - PROPOSED UTILITY EASEMENT
- - - - - - PROPOSED MANHOLE
- - - - - - PROPOSED CATCH BASIN
- ⊕ - - - - - PROPOSED GATE VALVE
- ⊙ - - - - - PROPOSED HYDRANT
- ⊔ - - - - - PROPOSED UTILITY PLUG

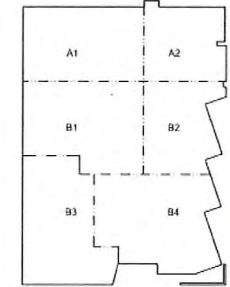
UNDERGROUND VAULT:

1. VAULT IS DESIGNED TO REDUCE THE 10-YEAR PEAK FLOW TO NATIVE CONDITIONS AND REDUCE THE TOTAL SUSPENDED SOLIDS FROM THE RUNOFF BY 80%.
2. FOOTPRINT OF VAULT NEEDS TO BE A MINIMUM OF 2,130 SQUARE FEET.
3. TOTAL STORAGE OF VAULT IS 19,555 CUBIC FEET (146,271.4 GALLONS).

DIGGERS HOTLINE
 Call 811 or 1-877-435-8841
 Hearing impaired 703 (800) 542-2283
 www.diggershotline.com

NOTICE: In accordance with Wisconsin statute 192.5175, damage to transportation facilities, material shall be solely responsible to provide advance notice to the designated "911 CALL SYSTEM" and shall have working signs prior to commencement of any excavation required to perform work contained on this drawing and further, excavator shall comply with all other requirements of this statute relative to excavator's work.

DISCLAIMER: The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantee that the underground utilities shown compare to actual utilities in the area, either in service or abandoned. The surveyor further disclaims any responsibility for the accuracy of the utility information shown on this drawing. The contractor shall verify that they are located as accurately as possible from information available. The surveyor has not physically located the underground utilities.



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PL11 Project No.
 2014.21.00

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State of Wisconsin
 Department of Administration
 Division of Facilities Development
 Madison, Wisconsin

Meat Science Laboratory
 UW - Madison
 Sheet Title
 Site Utility Plan

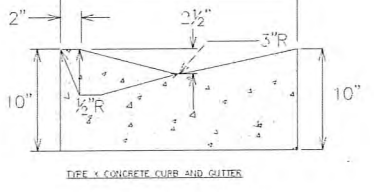
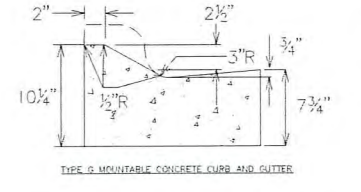
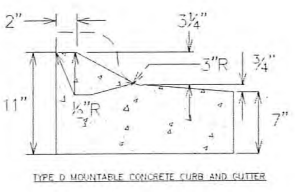
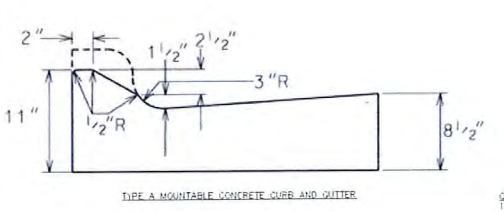
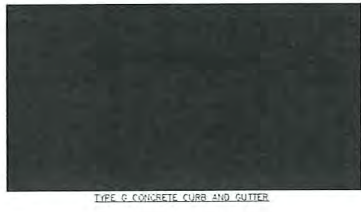
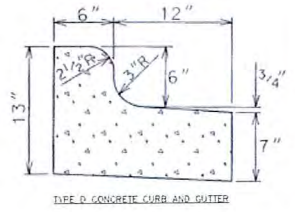
Revisions	No.	Date	By	Checked
	1	08/04/2015		

Graphic Scale	As Noted
DFD Number	1312Y
Set Type	CU
Date Issued	08/04/2015
Sheet Number	C500

Site Utility Plan
 Meat Science and Muscle Biology Building - UW Madison
 August 19, 2015

GRÄEF

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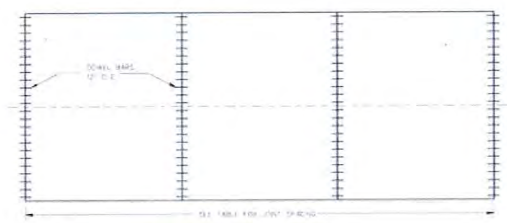
CONCRETE CURB AND GUTTER NOTES:

- CONSTRUCTION JOINTS COMMONLY CALLED CONTROL JOINTS, IN CONCRETE SLABS SHALL BE HAND TOoled AND THEN SAWED 1/4" PER 1" OF DEPTH OF THE CONCRETE SLAB.
- SAW CUT JOINTS WITHOUT HAND TOOLING ARE NOT ACCEPTABLE EXCEPT FOR STREETS AND OTHER LARGE PAVED AREAS OF THICKENED PAVEMENT PRIMARILY INTENDED FOR VEHICULAR TRAFFIC.
- CONTROL JOINTS SHALL BE PLACED SO THAT THE TOTAL SQUARE FOOTAGE OF THE SLAB DOES NOT EXCEED 800 SQUARE FEET TOTAL SURFACE AREA AND BE PLACED TO GIVE THE CONCRETE WORK SOME ARTISTIC CONTINUITY.
- THERE SHALL BE NO EXPANSION JOINT MATERIAL PLACED IN CONCRETE SIDEWALKS, CURB/GUTTERS, BETWEEN CURB AND ADJUTING SIDEWALK, BETWEEN SIDEWALK AND STAIRS, OR IN DRIVE APPROACHES UNLESS REVIEWED BY CIVIL ENGINEERS IN PRIMA DECISION TO PLACE EXPANSION JOINTS. THE PLACEMENT OF THE JOINTS AND THE TYPE OF EXPANSION JOINT WILL REST WITH PRIMA IF THE ARE DEEMED NECESSARY.

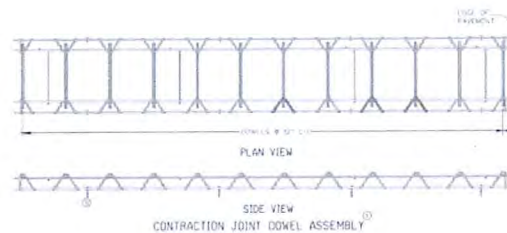
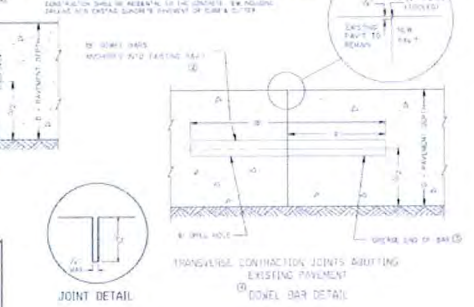
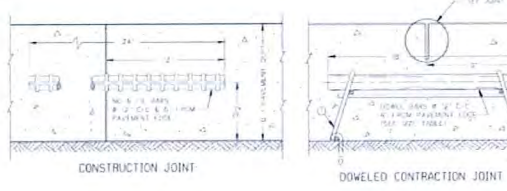
NOTES:

- LATERAL CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF NOT MORE THAN 15' NOR LESS THAN 6' IN LENGTH. THE JOINTS SHALL BE A MINIMUM OF 3" IN DEPTH.
- IN ALL CASES, CONCRETE CURB AND GUTTER SHALL BE PLACED ON THOROUGHLY COMPACTED CRUSHED STONE.
- NO EXPANSION JOINT MATERIAL SHALL BE USED IN OR BEHIND CURB AND GUTTER.
- CURB SHALL BE BACK-FILLED WITH THE APPROPRIATE SOIL MATERIAL AFTER CURB HAS ACHIEVED SPECIFIED STRENGTH AND PRIOR TO PLACING THE ADJACENT BASE COURSE AND PAVEMENT.
- THERE SHALL BE NO REBAR IN CURB WHEN ADJUTING SIDEWALK.

1 CONCRETE CURB AND GUTTER
N.T.S.



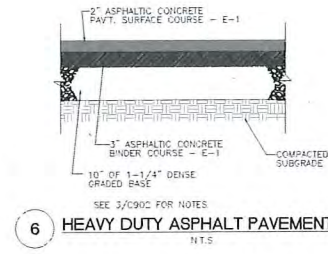
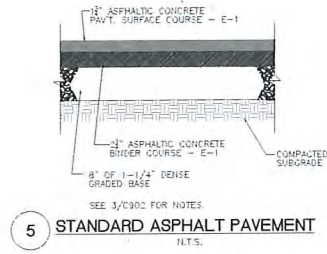
CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF NOT MORE THAN 15' NOR LESS THAN 6' IN LENGTH. THE JOINTS SHALL BE A MINIMUM OF 3" IN DEPTH. IN ALL CASES, CONCRETE CURB AND GUTTER SHALL BE PLACED ON THOROUGHLY COMPACTED CRUSHED STONE. NO EXPANSION JOINT MATERIAL SHALL BE USED IN OR BEHIND CURB AND GUTTER. CURB SHALL BE BACK-FILLED WITH THE APPROPRIATE SOIL MATERIAL AFTER CURB HAS ACHIEVED SPECIFIED STRENGTH AND PRIOR TO PLACING THE ADJACENT BASE COURSE AND PAVEMENT. THERE SHALL BE NO REBAR IN CURB WHEN ADJUTING SIDEWALK.



PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

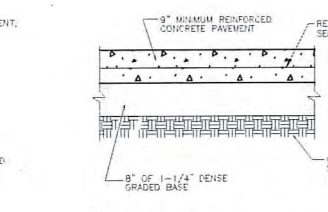
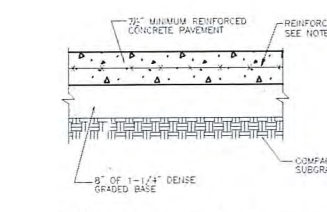
PAVEMENT DEPTH (INCHES)	DOWEL BAR SIZE (INCHES)	CONTRACTION JOINT SPACING (FEET)
4" TO 6"	3/8"	12'
6" TO 8"	1/2"	14'
8" TO 10"	5/8"	16'
10" TO 12"	3/4"	18'

4 DOWELED CONCRETE PAVEMENT
N.T.S.
9" PAVEMENT ONLY



5 STANDARD ASPHALT PAVEMENT
N.T.S.

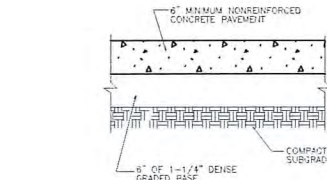
6 HEAVY DUTY ASPHALT PAVEMENT
N.T.S.



8 HEAVY DUTY AND STAMPED COLORED CONCRETE PAVEMENT
N.T.S.

9 EXTRA HEAVY DUTY AND COLORED BROOM-FINISH CONCRETE PAVEMENT
N.T.S.

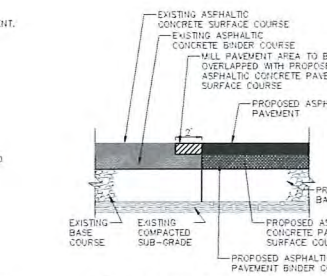
3 ASPHALT PAVEMENT NOTES
N.T.S.



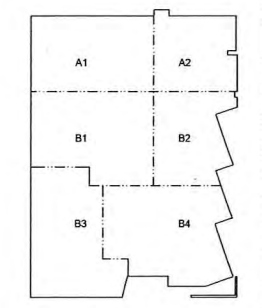
ASPHALT PAVEMENT NOTES:

- THE PAVEMENT SUBGRADE SHALL BE PREPARED AS FOLLOWS:
 - APPROVED FILL FOR THE SUBGRADE SHALL BE PLACED WHERE REQUIRED IN MAXIMUM 8" THICK, LOOSE LIFTS AND COMPACTED TO AT LEAST 95% OF ITS MAXIMUM DRY DENSITY AND WITHIN 1% OF ITS OPTIMUM MOISTURE CONTENT. THE FILL MATERIAL'S MAXIMUM DRY DENSITY AND OPTIMUM MOISTURE CONTENT SHALL BE DETERMINED BY ASTM D698 (STANDARD PROCTOR).
 - THE SUBGRADE SHALL BE BROOFGROINED WITH A MINIMUM 10 TON ROLLER. ANY SOFT AND WEILING AREAS SHALL BE OVER-COMPACTED TO A FIRM AND COMPETENT MATERIAL AND BACK-FILLED AS DESCRIBED ABOVE.
 - AFTER BROOFGROING, THE SUBGRADE SHALL BE GRADED AND SHAPED AS REQUIRED TO CONSTRUCT THE PAVEMENT AREAS IN CONFORMANCE WITH THE GRADES, LINES AND THICKNESS SHOWN ON THE DRAWINGS. THE SUBGRADE SHALL PROVIDE A FIRM AND UNWEILING FOUNDATION WITH NO SLOTTING, SHARP OR ABRUPT CHANGES OR BREAKS IN GRADES. NO STANDING WATER OR EXCESS MOISTURE SHALL BE PRESENT. ALL SOFT AND WEILING AREAS SHALL BE OVER-COMPACTED TO A FIRM AND COMPETENT MATERIAL, AND BACK-FILLED AS DESCRIBED IN SPECIFICATIONS.
- PLACE AGGREGATE BASE COURSE IN MAXIMUM 8" THICK LAYERS AND COMPACT EACH LIFT TO AT LEAST 95% OF THE AGGREGATE'S RELATIVE DENSITY, AS DETERMINED BY ASTM D4253 AND D4254.
- THE BITUMINOUS COURSES SHALL BE COMPACTED TO AT LEAST 95% OF THEIR MARSHALL DENSITY, AS DETERMINED BY THE ASPHALT PLAN.

7 STANDARD DUTY AND STAMPED COLORED CONCRETE SIDEWALK
N.T.S.



10 ASPHALT PAVEMENT OVERLAP
N.T.S.



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PLI Project No: 2014.21.00
Consultant:

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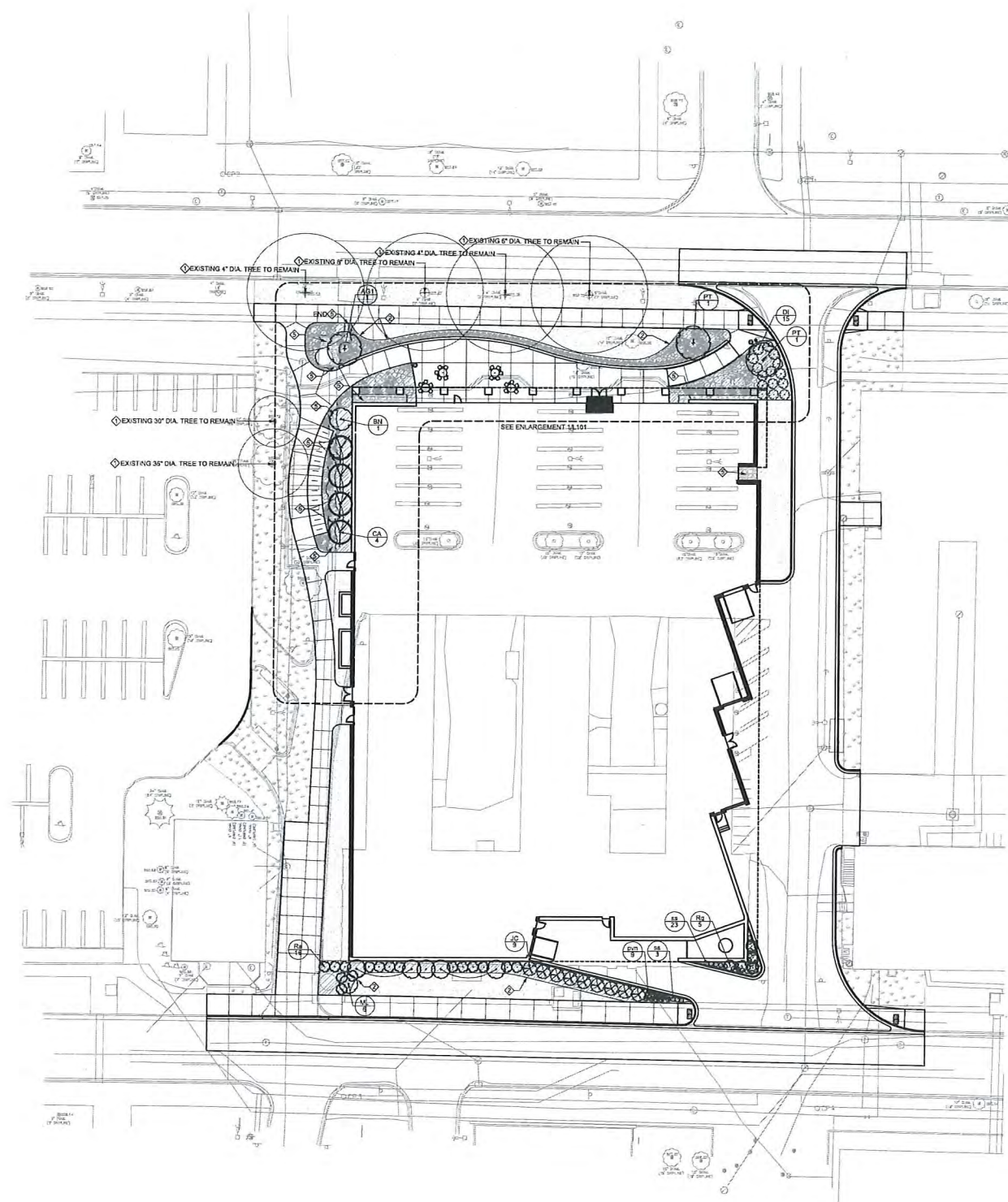
State of Wisconsin
Department of Administration
Division of Facilities Development
Madison, Wisconsin

Meat Science Laboratory
UW - Madison
CONSTRUCTION DETAILS

Revisions:

No.	Date	Description
01	08/04/2015	CON PLAN

Graphic Scale: As Noted
DFD Number: 1312Y
Sut Type: CU
Date Issued: 08/04/2015
Sheet Number: C902



1 SITE PLANTING PLAN
L100 SCALE: 1" = 20'-0"

Key Botanical Name	Common Name	Quantity	Size	Spec	Comments
Ornamental Deciduous Trees					
AG1 <i>Ametanhus grandiflora</i> 'Robin Hill'	Robin Hill Serviceberry	1	7" H	B&B	Master Specimen Form
BN <i>Betula nigra</i> 'Little King'	Fox Valley River Birch	1	5" H	B&B	Master Form
CA <i>Carpinus caroliniana</i> 'J.N. Goble'	Ball Of Fire Hackberry	4	15 Gal	Cort.	Tree Form, Space 12'-0" o.c.
LS <i>Liriodendron tulipifera</i>	Lancaster Crabapple	6	5" H	B&B	Tree Form, Space 10'-0" o.c.
PT <i>Prunella americana</i>	Hopblossom	2	5" H	B&B	Specimen Form
Evergreen Trees					
JC <i>Juniperus chinensis</i> 'Moulinet'	Moulinet Juniper	9	5" H	B&B	
Shrubs, Deciduous					
DL <i>Deutzia corymbosa</i>	Jewel Dwarf Bush Honeysuckle	15	2 Gal.	Cort.	Space 4'-0" o.c. per Plan
Ra <i>Rhus aromatica</i> 'Gro-low'	Gro-low Fragrant Sumac	16	3 Gal.	Cort.	Space 2'-0" o.c.
Rg <i>Rhus glabra</i>	Smooth Sumac	5	2 Gal.	Cort.	Space per Plan
Ornamental Grasses/Perennials/Groundcovers					
pm <i>Panicum virgatum</i> 'Nordwand'	Northeast Switch Grass	9	1 Gal.	Cort.	Space 30" o.c.
ss <i>Schizanthus luteus</i> 'Blue Heaven'	Blue Heaven Little Bluestem	26	1 Gal.	Cort.	Space 24" o.c.

City of Madison Landscape Worksheet
 Meat Science and Muscle Biology Building 1933 Observatory Drive
 1933-35
 Using District C1

Developed Lots	Maximum Open Space Required (sq ft)	Landscape Units Required	Landscape Points Subtotal
13-160	15,672	177	600
Landscape Points Required		600	

Development Footage	LF	Overstory Tree Req. (or #2 for Om. Surgn. Tree Sub.)	Shrubs Required
Total LF of Street Frontage Between City Parking & Street	342	11	57

Element	Point Value	Quantity Proposed	Quantity Existing	Points Achieved
Ornamental Deciduous Tree	35	0	0	0
Ornamental Tree	15	0	0	0
Evergreen Tree	15	0	0	0
Shrub, Deciduous	2	48	0	96
Shrub, Evergreen	3	8	0	24
Ornamental Grass	2	114	0	228
Ornamental Decorative Fence (or Wall @ 10' LF)	4	0	0	0
Development Footage Points Total				780

Element	Point Value	Quantity Proposed	Quantity Existing	Points Achieved
Ornamental Deciduous Tree	35	0	0	0
Ornamental Tree	15	0	0	0
Evergreen Tree	15	0	0	0
Shrub, Deciduous	2	0	0	0
Shrub, Evergreen	3	0	0	0
Ornamental Grass	2	0	0	0
Ornamental Decorative Fence (or Wall @ 10' LF)	4	0	0	0
Interior Parking Lots Points Total				0

Element	Point Value	Quantity Proposed	Quantity Existing	Points Achieved
Ornamental Deciduous Tree	35	0	0	0
Ornamental Tree	15	0	0	0
Evergreen Tree	15	0	0	0
Shrub, Deciduous	2	0	0	0
Shrub, Evergreen	3	0	0	0
Ornamental Grass	2	10	0	20
Ornamental Decorative Fence (or Wall @ 10' LF)	4	0	0	0
General Site Plantings Total				20

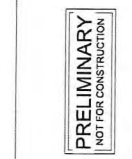
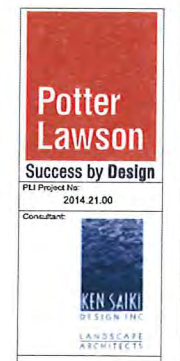
TOTAL LANDSCAPE POINTS 800

LEGEND

- 1 BARK MULCH NEW BED/BASE OF TREE OR RE-MULCH EXISTING BED/BASE OF TREE
- 2 SHOVEL CUT EDGE
- 3 BULBS, PLANT IN CLUSTERS SPACED RANDOMLY THROUGHOUT THE PLANTING BED INDICATED. PLACE THREE BULBS PER HOLE.
- 4 BULBS, PLANT IN A SWEEP OF A SINGLE SPECIES IN AREA INDICATED PLACE ONE BULB PER HOLE AND SPACE HOLES APPROXIMATELY 6 INCHES O.C.
- 5 DECORATIVE STONE
- NEW SODDED LAWN
- NEW SEEDED LAWN OR LAWN REPAIR
- BARK MULCH / PLANTING BED
- DECORATIVE STONE ACCENT BOULDER

NOTES

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY SURVEY INFORMATION AND SITE CONDITIONS PRIOR TO START OF CONSTRUCTION AND REPORT ANY DISCREPANCIES. CONTRACTOR SHALL CONTACT DIGGER'S HOTLINE AND UW-MADISON TO LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO START OF CONSTRUCTION. ANY DAMAGE CAUSED TO EXISTING UTILITIES, EITHER SHOWN OR NOT, SHALL BE REPAIRED AND PAID FOR AT THE CONTRACTOR'S EXPENSE.
2. CONTRACTOR SHALL PROTECT BENCHMARKS.
3. ALL TREES SHOWN TO BE RETAINED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED WITH TREE PROTECTION FENCING. ALL TREE PROTECTION FENCING SHALL BE IN PLACE PRIOR TO ANY SITE WORK. SEE SPECIFICATION 31 13 16 "SELECTIVE TREE AND SHRUB PROTECTION AND TRIMMING" FOR PROTECTION REQUIREMENTS.
4. ALL WRAPPINGS, WIRE BASKETS, BURLAP, AND OTHER MISCELLANEOUS MATERIAL SHALL BE COMPLETELY REMOVED FROM ALL SHRUB AND TREE ROOT BALLS PRIOR TO INSTALLATION.
5. ALL LAWN AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE RE-SOODED AT NO COST TO OWNER.
6. CONTRACTOR IS RESPONSIBLE FOR WATERING AND MAINTENANCE OF PLANT MATERIAL - SEE SPECIFICATION 32 97 00 FOR MORE INFORMATION.



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 Division of Facilities Development
 Madison, Wisconsin

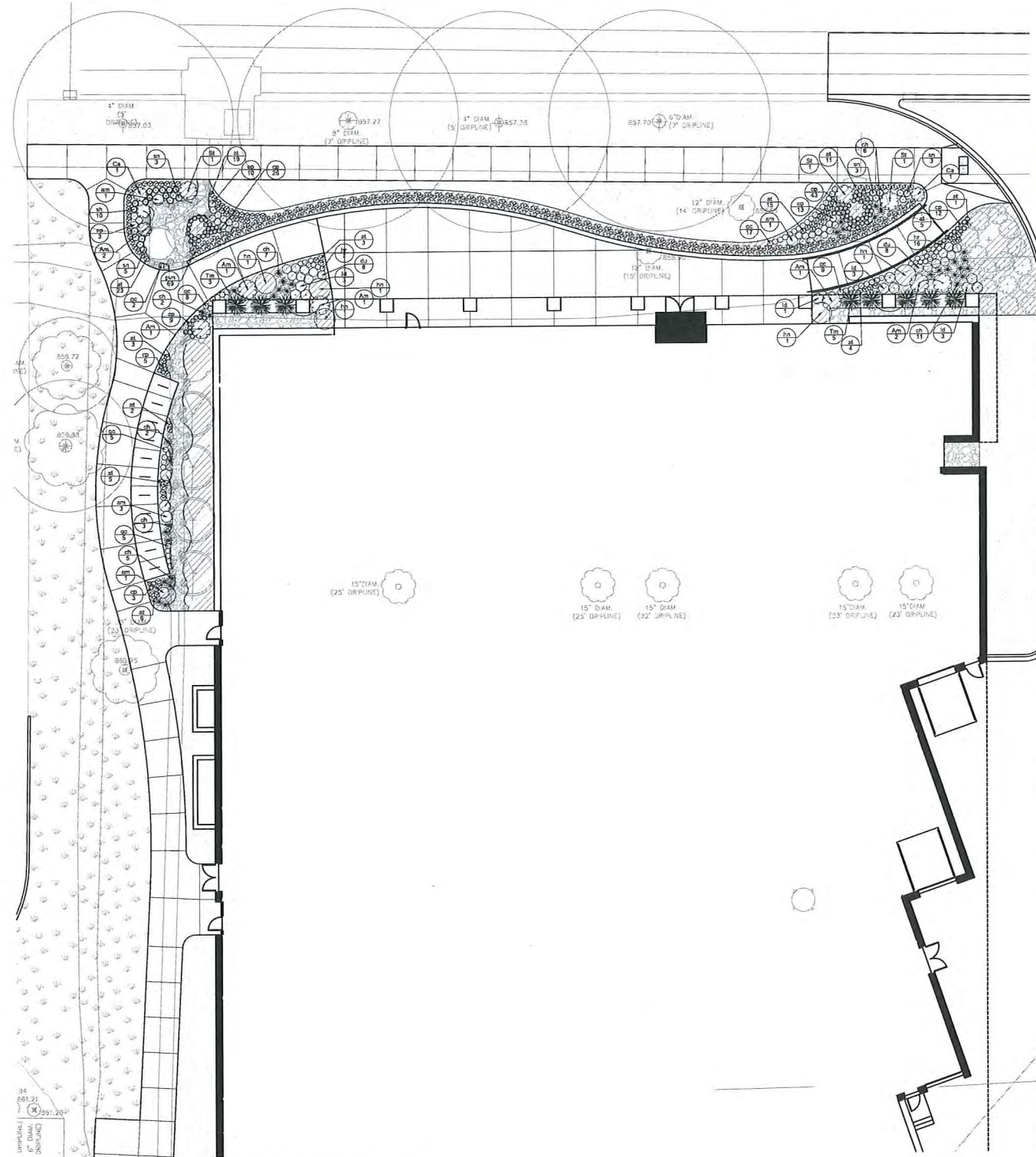
Meat Science Laboratory
 UW - Madison
 Site Planting Plan

Revisions	No.	Date	Description
	01/18/15		CITY SUBMITTAL

Graphic Scale: 0 10 20 30
 DFD Number: 1312Y
 Set Type: CU
 Date Issued: 08/19/2015
 Sheet Number: L100

Site Planting Plan
 Meat Science and Muscle Biology Building - UW Madison
 August 19, 2015





Key Botanical Name	Common Name	Quantity	Size	Spec	Comments
Shrubs, Deciduous					
Am <i>Amelanchier canadensis</i>	Glossy Black Chokeberry	8	3 Gal	Cont	Space 4'-0" o.c. or per Plan
Ca <i>Ceanothus americanus</i>	New Jersey Tea	2	1 Gal	Cont	Space 3'-0" o.c.
St <i>Stephanandra incisa 'Crisp'</i>	Cuteal Stephanandra	3	2 Gal	Cont	Space 4'-0" o.c.
Shrubs, Evergreen					
Tm <i>Taxus x media 'Crabon'</i>	Crabon Yew	8	5 Gal	Cont	Space Per Plan
Ornamental Grasses/Perennials/Groundcovers					
am <i>Amsonia hubertorum 'Halley to Arkansas'</i>	Halley to Arkansas Amsonia	6	1 Gal	Cont	Space per Plan
at <i>Alumina longicum 'Summer Beauty'</i>	Summer Beauty Alumina	97	4 inch	Pot	Space 15" o.c.
cl <i>Cheiranthus lobatum</i>	Northern Sea Oats	36	1 Gal	Cont	Space 24" o.c.
cp <i>Carex pensylvanica</i>	Pennsylvania Sedge	98	4 inch	Pot	Space 12" o.c.
du <i>Dennstaedtia punctilobula</i>	Hayscented Fern	16	1 Gal	Cont	Space 18" o.c.
ep <i>Echinacea purpurea</i>	Purple Coneflower	26	1 Gal	Cont	Space 18" o.c.
gc <i>Geranium x carabogense 'Blokovi'</i>	Blokovi Cranebill	46	4 inch	Pot	Space 15" o.c.
ht <i>Hosta nigrescens 'Krossa Regal'</i>	Krossa Regal Hosta	5	1 Gal	Cont	Space per Plan
lv <i>Heuchera zosterifolia</i>	Plains Alumroot	23	4 inch	Pot	Space 12" o.c.
li <i>Ligularia dentata 'Desdemona'</i>	Desdemona Ligularia	10	1 Gal	Cont	Space 30" o.c.
nv <i>Panicum virgatum 'Northwind'</i>	Northwind Switch Grass	89	1 Gal	Cont	Space 30" o.c.
sh <i>Sporobolus heterolepis 'Tara'</i>	Tara Prairie Dropseed	10	1 Gal	Cont	Space 18" o.c.
sa <i>Salvia nemoralis 'Cardinalis'</i>	Cardinalis Salvia	11	1 Gal	Cont	Space 18" o.c.

LEGEND

- 1 BARK MULCH NEW BED/BASE OF TREE OR RE-MULCH EXISTING BED/BASE OF TREE
- 2 SHOVEL CUT EDGE
- 3 BULBS PLANT IN CLUSTERS SPACED RANDOMLY THROUGHOUT THE PLANTING BED INDICATED. PLACE THREE BULBS PER HOLE.
- 4 BULBS PLANT IN A SWEEP OF A SINGLE SPECIES IN AREA INDICATED. PLACE ONE BULB PER HOLE AND SPACE HOLES APPROXIMATELY 6 INCHES O.C.
- 5 DECORATIVE STONE
- NEW SOODED LAWN
- NEW SEEDED LAWN OR LAWN REPAIR
- BARK MULCH / PLANTING BED
- DECORATIVE STONE
- ACCENT BOULDER

NOTES

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6. CONTRACTOR IS RESPONSIBLE FOR WATERING AND MAINTENANCE OF PLANT MATERIAL - SEE SPECIFICATION 32 97 00 FOR MORE INFORMATION.



1
L101 DETAILED SITE PLANTING PLAN
SCALE: 1" = 10'-0"

Potter Lawson

Success by Design

PLI Project No: 2014.21.00

Consultant:



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Division of Facilities Development



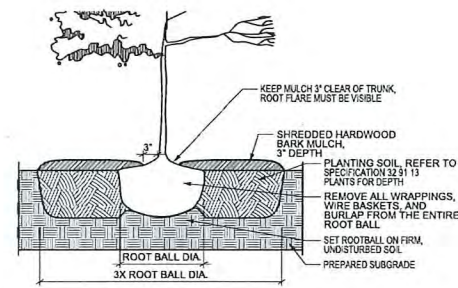
Madison, Wisconsin

Meat Science Laboratory
UW - Madison
Sheet Title: Detailed Site Planting Plan

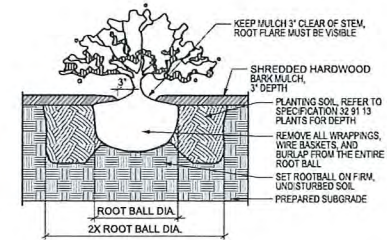
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No.	Date	Description

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DFD Number:	1312Y
Set Type:	CU
Date Issued:	08/19/2015
Sheet Number:	L101

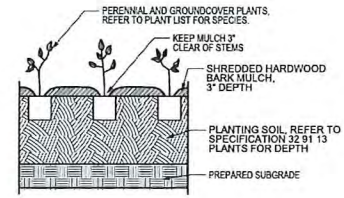




1 TREE PLANTING
L102 NOT TO SCALE



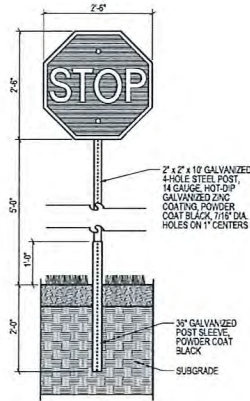
2 SHRUB PLANTING
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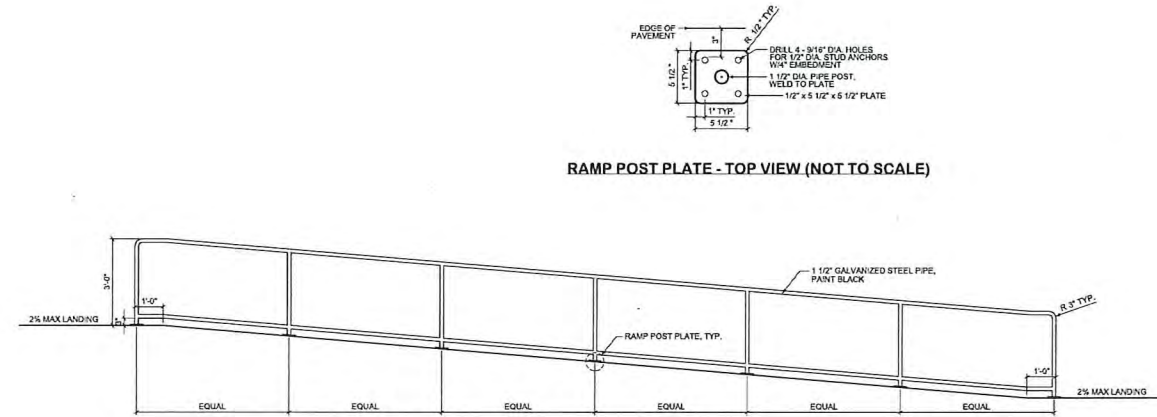
3 PERENNIAL PLANTING
L102 NOT TO SCALE

4 NOT USED
L102 SCALE: 1" = 1'-0"

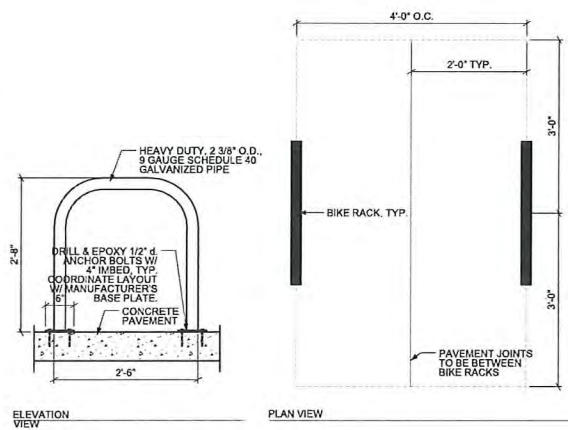
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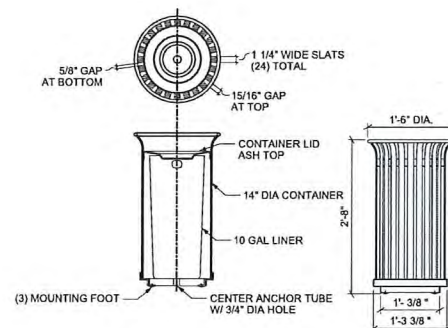
5 SIGN POST
L102 SCALE: 3/4" = 1'-0"



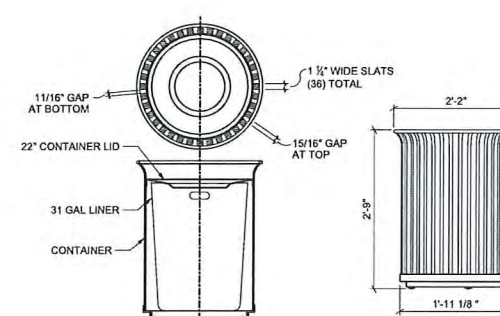
6 RAMP HANDRAIL
L102 SCALE: 1/2" = 1'-0"



7 BIKE RACK
L102 SCALE: 1" = 1'-0"



8 ASH RECEPTACLE
L102 SCALE: 1" = 1'-0"



9 TRASH RECEPTACLE
L102 SCALE: 1" = 1'-0"

Potter Lawson

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PLI Project No: 2014.21.00

Consultant:



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Division of Facilities Development

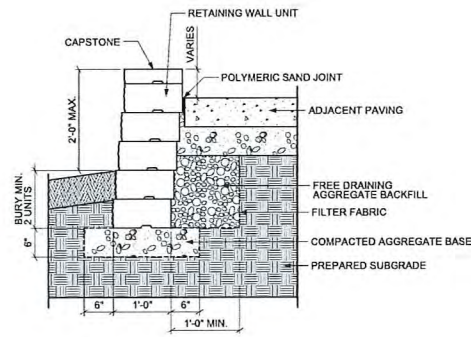


Madison, Wisconsin

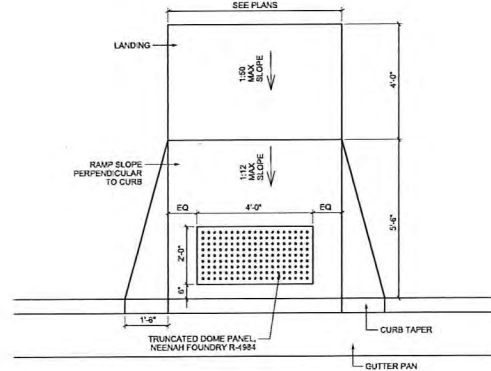
Meat Science Laboratory
UW - Madison
Sheet Title: Site and Planting Details

Revisions		
No.	Date	Description

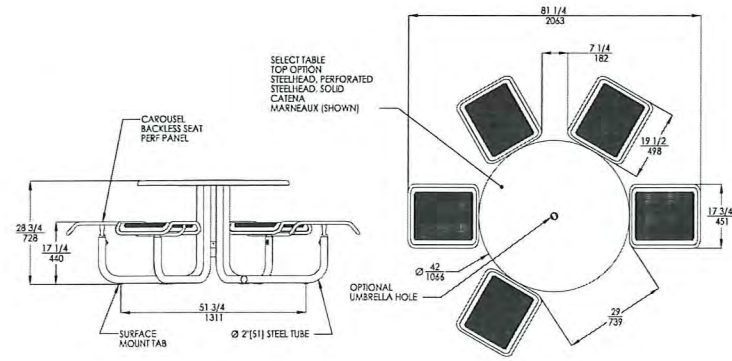
Graphic Scale	VARIES
D/D Number	1312Y
Set Type	CU
Date Issued	08/19/2015
Sheet Number	L102



1
L103 **RETAINING WALL**
SCALE: 1" = 1'-0"



2
L103 **CURB RAMP**
SCALE: 1/2" = 1'-0"



3
L103 **TABLE**
SCALE: 3/4" = 1'-0"

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FLJ Project No: 2014.21.00

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Division of Facilities Development



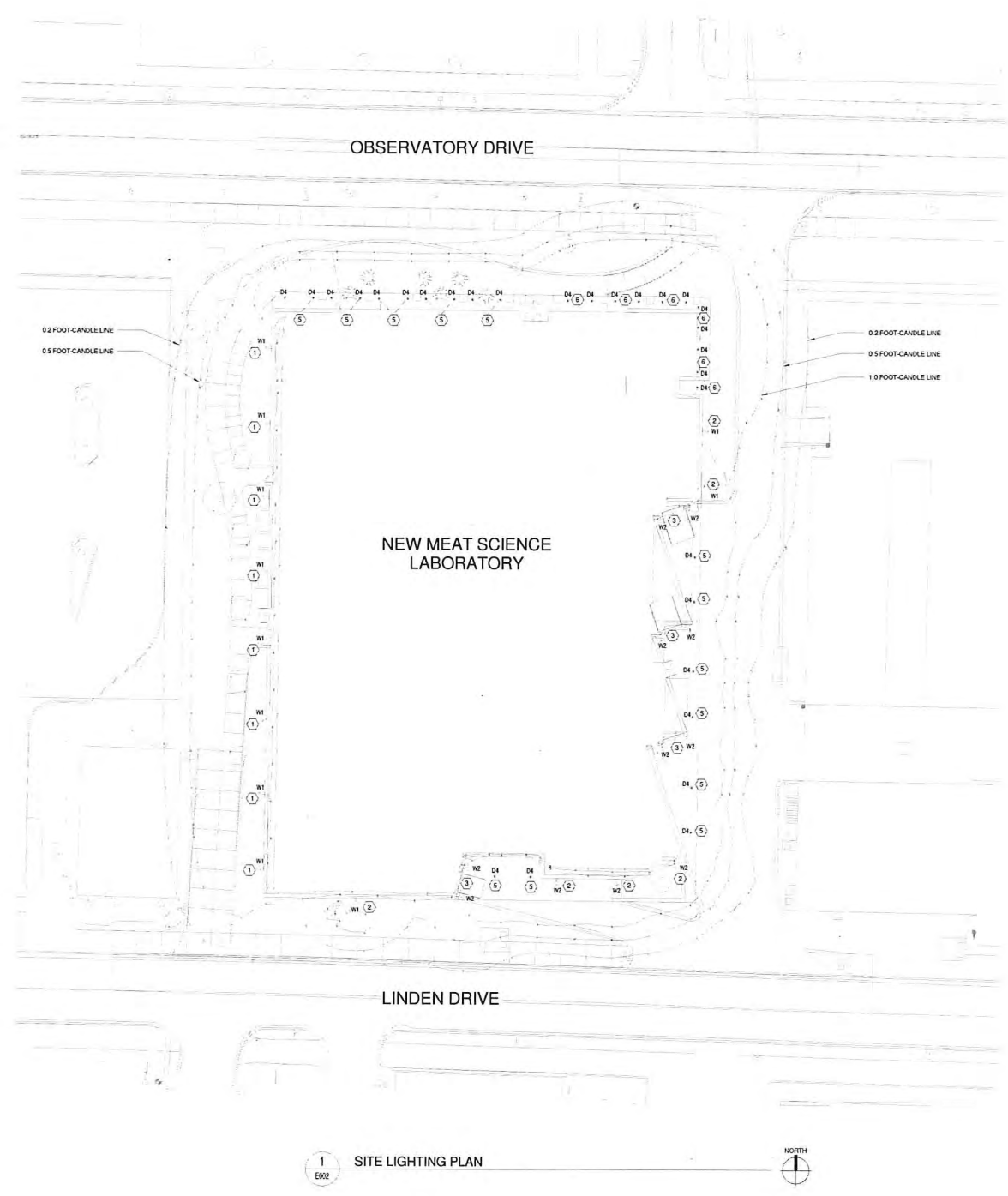
Madison, Wisconsin

Meat Science Laboratory
UW - Madison
Drawn for:
Site Details

Revisions:		
No.	Date	Description

Graphic Scale	VARIES
DFD Number	1312Y
Set Type	CU
Date Issued	08/19/2015
Sheet Number	L103





- GENERAL NOTES:**
1 LIGHT LEVELS SHOWN ARE MAINTAINED ILLUMINATION LEVELS AT GRADE
- KEY NOTES:**
① LIGHT FIXTURE INSTALLED AT 18" ABOVE FIRST FLOOR
② LIGHT FIXTURE INSTALLED AT 12" ABOVE FIRST FLOOR
③ LIGHT FIXTURE INSTALLED AT 13" ABOVE FIRST FLOOR
④ DOWN LIGHT RECESSED IN FIRST FLOOR EXTERIOR SOFFIT
⑤ DOWN LIGHT RECESSED IN SECOND FLOOR EXTERIOR SOFFIT

8/19/2015 8:05:34 AM




PLI Project No. 2014.21.00

Consultant



State of Wisconsin
Department of Administration
Division of Facilities Development



University of Wisconsin - Madison
Madison, Wisconsin

Meat Science Laboratory
University of Wisconsin - Madison
Madison, Wisconsin

Sheet Title
SITE LIGHTING PLAN

No.	Date	Description

Graphic Scale: 0, 10, 20, 30
DWD Number: 1312Y
Set Type: CU
Date Issued: 08/19/2015
Sheet Number: E002



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HALO LED ICAT HOUSING for NEW CONSTRUCTION

The H750ICAT is a dedicated LED new construction housing to be used with designated HALO LED modules. The H750ICAT is designed for insulated ceilings and can be in direct contact with ceiling insulation*. This AIRTITE housing design prevents airflow between conditioned and unconditioned spaces and saves on both heating and air conditioning costs. The LED connector system provides high efficacy code compliance when used with designated HALO LED modules and trims.

Catalog #		Type	
Project			
Comments		Date	
Prepared by			

HALO®

DESIGN FEATURES

Housings

Aluminum construction for greater heat dissipation. H750 ICAT housing is gasketed to prevent airflow from heated or air conditioned spaces.

Plaster Frame

Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness. Regressed locking screw for securing hanger bars. Cutouts included for easily crimping hanger bars in position.

Slide-N-Side™ Junction Box

- Positioned to accommodate straight conduit runs.
- Seven 1/2" trade size conduit knockouts with true pry-out slots.
- Slide-N-Side wire traps allow non metallic sheathed cable to be installed without tools and without removing knockouts.
- Allows wiring connections to be made outside the box.
- Simply insert the cable directly into the trap after connections are made.
- Accommodates the following standard non-metallic sheathed cable type:
 - U.S. #14/2, #14/3, #12/2, #12/3
 - Canada: #14/2, #14/3, #12/2

GOT NAIL! Pass -N-Thru™ Bar Hangers

Bar Hanger features include

- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and Guidance system prevents snagging, ensures smooth, straight nail penetration and allows bar hangers to be easily removed if necessary
- Automatic leveling flange aligns the housing and allows holding the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24" joist spans
- Score lines allow tool-free shortening for 12" joists and bar hangers do not need to be removed for shortening.
- Bar hangers may be repositioned 90° on plaster frame
- Integral T-bar clip snaps onto T-bars – no additional clips are required.

LED Module Connection

Halo LED modules simply install with a plug-in 120V-277V rated line voltage wiring connector (UL and CSA Listed Luminaire Disconnect). This non-screw-base connection preserves the high efficacy rating and prevents use of low efficacy incandescent sources (see LED Module specifications).

Caution

Connection is rated for 120V and 277V input. Installer must verify LED module voltage is compatible with the applicable voltage input. If uncertain, consult a qualified electrician.

Labels

- UL/cUL Listed 1598 Luminaire
- CE Marking - "Conformité Européene" conformity with the Council of European Communities Directives, meeting internationally recognized compliance when used with ML56 Series LED modules
- UL/cUL Listed for Feed Through
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location with select trims
- UL/cUL Listed for direct contact with insulation and combustible material*
- Rated for 20W maximum

Qualification

May be used with qualified Halo LED modules and designated trims for High Efficacy Luminaire Compliance:

- State of California Title 24
- International Energy Conservation Code (IECC)
- Washington State Energy Code
- New York State Energy Conservation Construction Code - AIR-TITE™ Compliant
- Certified under ASTM-E283 standard for air-tight construction



H750ICAT

6" New Construction IC AIR-TITE™ Housing For Halo LED Modules and Trims
 - ML56 Series
 - RL56 Series
 - RA56 Series

High Efficacy LED Housing

FOR USE IN INSULATED CEILINGS
 FOR DIRECT CONTACT WITH INSULATION*



Qualified and compliant with select trims. Refer to ENERGY STAR® Qualified Products List and CEC (T24) Appliance Database for listings.

ADV141509
6/17/2014

SEC-EDG-4M/4MB-WM

Cree Edge™ Security Wall Pack Luminaire – Type IV Medium – Wall Mount

Product Description

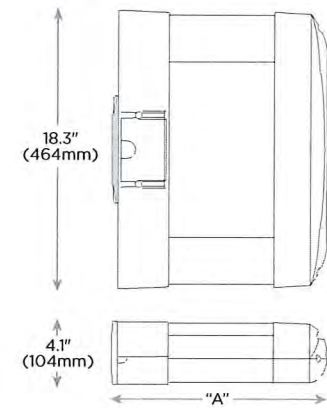
Slim, low profile design. Luminaire end cap is rugged die cast aluminum with integral, weathertight LED driver compartments and high performance aluminum heat sinks specifically designed for LED applications. Housing is rugged aluminum. Furnished with low copper lightweight mounting box designed for installation over standard and mud ring single gang J-Boxes. Secures to wall with four 3/16" (5mm) screws (by others). Conduit entry from top, bottom, sides and rear. Allows mounting for uplight or downlight. Designed and approved for easy through-wiring. Includes leaf / debris guard.

Performance Summary

- Utilizes BetaLED® Technology
- Patented NanoOptic® Product Technology
- Made in the U.S.A. of U.S. and imported parts
- CRI: Minimum 70 CRI
- CCT: 5700K (+ / - 500K) Standard, 4000K (+ / - 300K)
- Limited Warranty*: 10 years on luminaire / 10 years on Colorfast DeltaGuard® finish

Accessories

Field Installed Accessories
XA-BRDSPK Bird Spikes



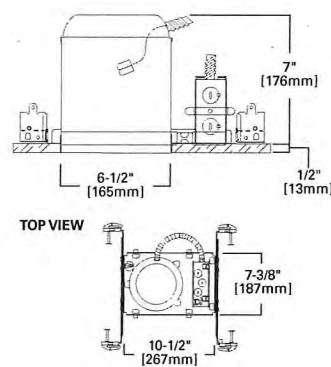
LED Count (x10)	Dim. "A"
02	9.9" (251mm)
04	11.9" (303mm)
06	13.9" (353mm)
08	15.9" (404mm)
10	17.9" (455mm)
12	19.9" (505mm)

Ordering Information

Example: SEC-EDG-4M-WM-02-E-UL-SV-350-OPTIONS

SEC-EDG	WM	E						
Product	Optic	Mounting	LED Count (x10)	Series	Voltage	Color Options	Drive Current	Options
SEC-EDG	4M Type IV Medium	WM Wall	02 04 06 08 10 12	E	UL Universal 120-277V UH Universal 347-480V 34 347V	SV Silver (Standard) BK Black BZ Bronze PB Platinum Bronze WH White	350 350mA 525 525mA 700 700mA	40K 4000K Color Temperature - Color temperature per luminaire DIM 0-10V Dimming - Control by others - Refer to dimming spec sheet for details - Can't exceed specified drive current F Fuse - Not available with UH or 34 voltages - Not available with all ML options. Refer to ML spec sheet for availability with ML options P Photocell - Not available with all ML options. Refer to ML spec sheet for availability with ML options - Must specify voltage other than UH ML Multi-Level - Refer to ML spec sheet for details

* See www.cree.com/lighting/products/warranty for warranty terms
 * Available on luminaires with 20-60 LEDs
 ** Available on luminaires with 20-60 LEDs



Cooper Lighting
by EATON

* Not to be used in direct contact with spray foam insulation.

Site Lighting Fixtures
Meat Science and Muscle Biology Building - UW Madison
August 19, 2015



Rev. Date: 12/20/13



www.cree.com/lighting

T (800) 236-6800 F (262) 504-5415



Job:
Type:
Notes:

120 LINE LED

121 LED Performance Sconce - Generation 2

The Philips Gardco 121 LED Performance Sconce provides an energy efficient, architecturally pleasing solution for wall mount applications. The sloped surface ribs of the die cast aluminum housing create a distinctly unique aesthetic element, and perform important functions in the Philips Gardco thermal management system. 121 Generation 2 luminaires feature high performance Class 1 LED systems. The high performance LED optical systems produce full cutoff performance, minimizing glare and light trespass. Philips Gardco's LED technology provides maximized light output and maximum energy savings.



PREFIX	OPTICAL SYSTEM	LED WATTAGE	LED SELECTION	VOLTAGE	FINISH	OPTIONS

Enter the order code into the appropriate box above. Note: Philips Gardco reserves the right to refuse a configuration. Not all combinations and configurations are valid. Refer to notes below for exclusions and limitations. For questions or concerns, please consult the factory.

PREFIX		OPTICAL SYSTEM	
121	121 LED Performance Sconce - Constant Wattage / Full Light Output	2	Type 2
121-MR	121 LED Performance Sconce - Motion Response	3	Type 3
121-DIM	121 LED Performance Sconce - 0 - 10V Dimming	4	Type 4
121-APD	121 LED Performance Sconce - Automatic Profile Dimming	MT	Medium Throw
121-DCC	121 LED Performance Sconce - Dual Circuit Control		

All optical systems are supplied with a clear glass lens standard. A Diffuse Lens (DL) option is available. See OPTIONS on Page 2.

LED WATTAGE AND LUMEN VALUES

Single LED Array Wattages, Available in 121, 121-MR, 121-DIM and 121-APD Only

Ordering Code	Average System Watts ¹	LED Current (mA)	LED Quantity - Single LED Array	LED Selection	Luminaire Initial Absolute Lumens ²			
					TYPE 2	TYPE 3	TYPE 4	MT
18LA	18	350	16	NW	1,673	1,707	1,609	2,022
26LA	26	530	16	NW	2,442	2,485	2,345	2,927
35LA-700	36	700	16	NW	3,102	3,139	2,972	3,650
35LA-350	35	350	32	NW	3,664	3,736	3,523	4,425
50LA	52	530	32	NW	5,587	5,685	5,365	6,697
75LA	72	700	32	NW	6,199	6,538	6,296	7,289

Dual LED Array Wattages, Available in 121-DCC Only

Ordering Code	Average System Watts ¹	LED Current (mA)	LED Quantity - Dual LED Arrays		LED Selection	Luminaire Initial Absolute Lumens ²			
			Per LED Array	Total LEDs		TYPE 2	TYPE 3	TYPE 4	MT
35LA-2	35	350	16	32	NW	3664	3736	3523	4425
50LA-2	52	530	16	32	NW	5587	5685	5365	6697
75LA-2	72	700	16	32	NW	6199	6538	6296	7289

1. Wattage may vary by +/- 8% due to LED manufacturer forward volt specification and ambient temperature. Wattage shown is average for 120V through 277V input. Actual wattage may vary by an additional +/- 10% due to actual input voltage.
2. Values shown are for luminaires without the DL option. Tests are in process for configurations not shown. "(s)" following the value indicates that values are scaled from tests on similar, but not identical luminaire configurations. Contact Gardco.applications@philips.com if any approximate estimates are required for design purposes. Lumen values based on tests performed in compliance with IESNA LM-79.



PHILIPS



120 LINE LED

121 LED Performance Sconce - Generation 2

LED SELECTION

CW	Cool White - 5700°K - 75 CRI Nominal
NW	Neutral White - 4000°K - 70 CRI Nominal
WW	Warm White - 3000°K - 80 CRI Nominal

VOLTAGE

120	
208	
240	
277	
UNIV	Accepts 120V through 277V input, 50hz to 60hz.
347	347V - Requires Extended Back Box, which is provided standard. Requires and includes auxiliary transformer mounted in Extended Back Box.

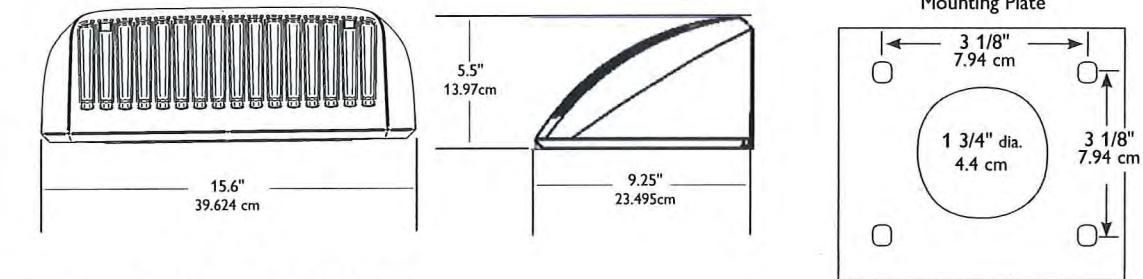
FINISH

BRP	Bronze Paint
BLP	Black Paint
WP	White Paint
NP	Natural Aluminum Paint
BGP	Beige Paint
OC	Optional Color Paint Specify Optional Color or RAL ex: OC-LGP or OC-RAL7024.
SC	Special Paint Specify. Must supply color chip.

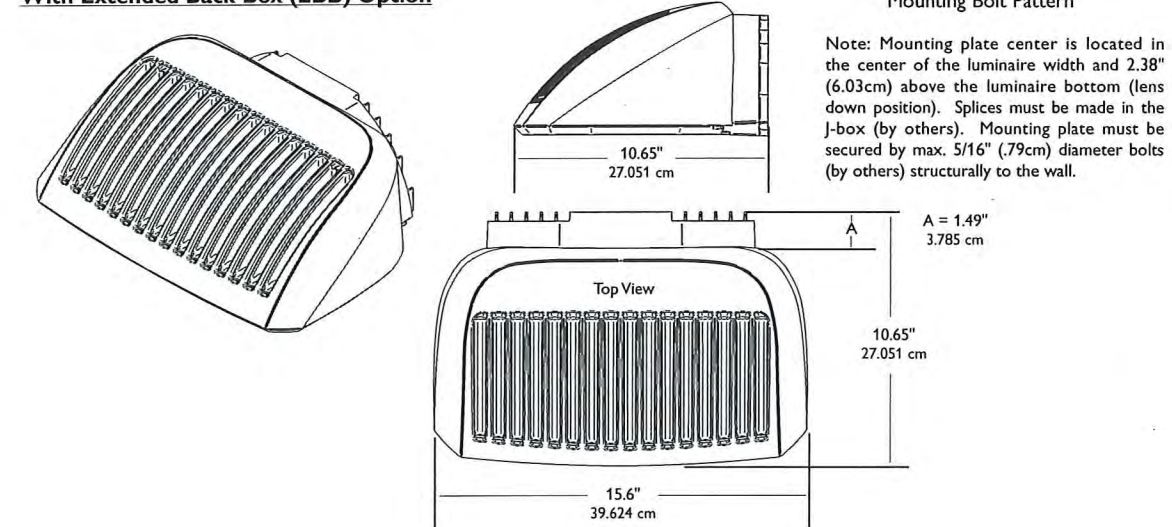
OPTIONS

F	Fusing (Provide specific input voltage)
DL	Solite Diffusing Glass Lens (Reduces performance significantly.)
PCB	Button Type Photocontrol (Provide specific input voltage)
WS	Wall Mounted Box for Surface Conduit (Rear entry permitted.)
EBB	Extended Back Box (Provided standard with 347V luminaires.)

DIMENSIONS

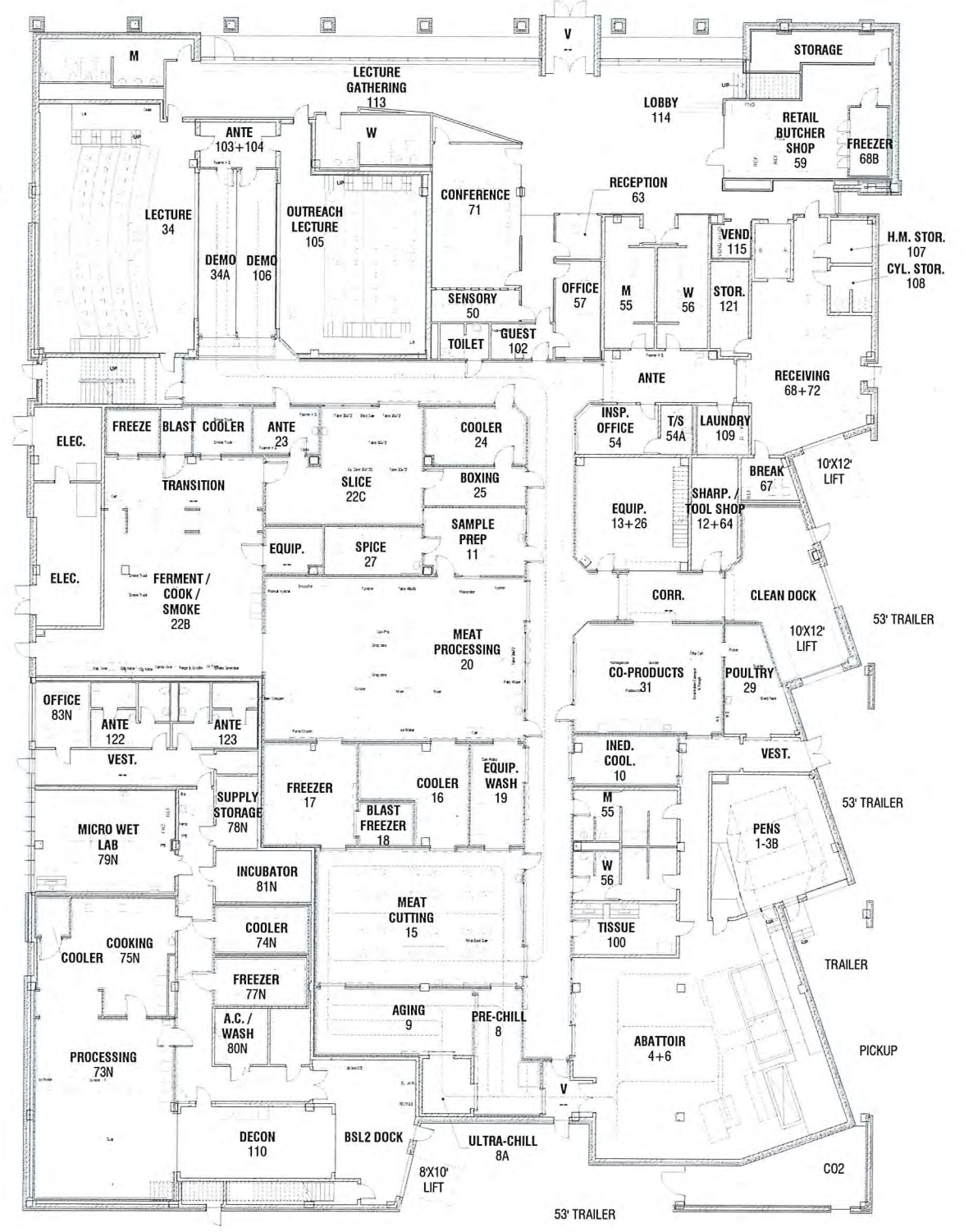


With Extended Back Box (EBB) Option





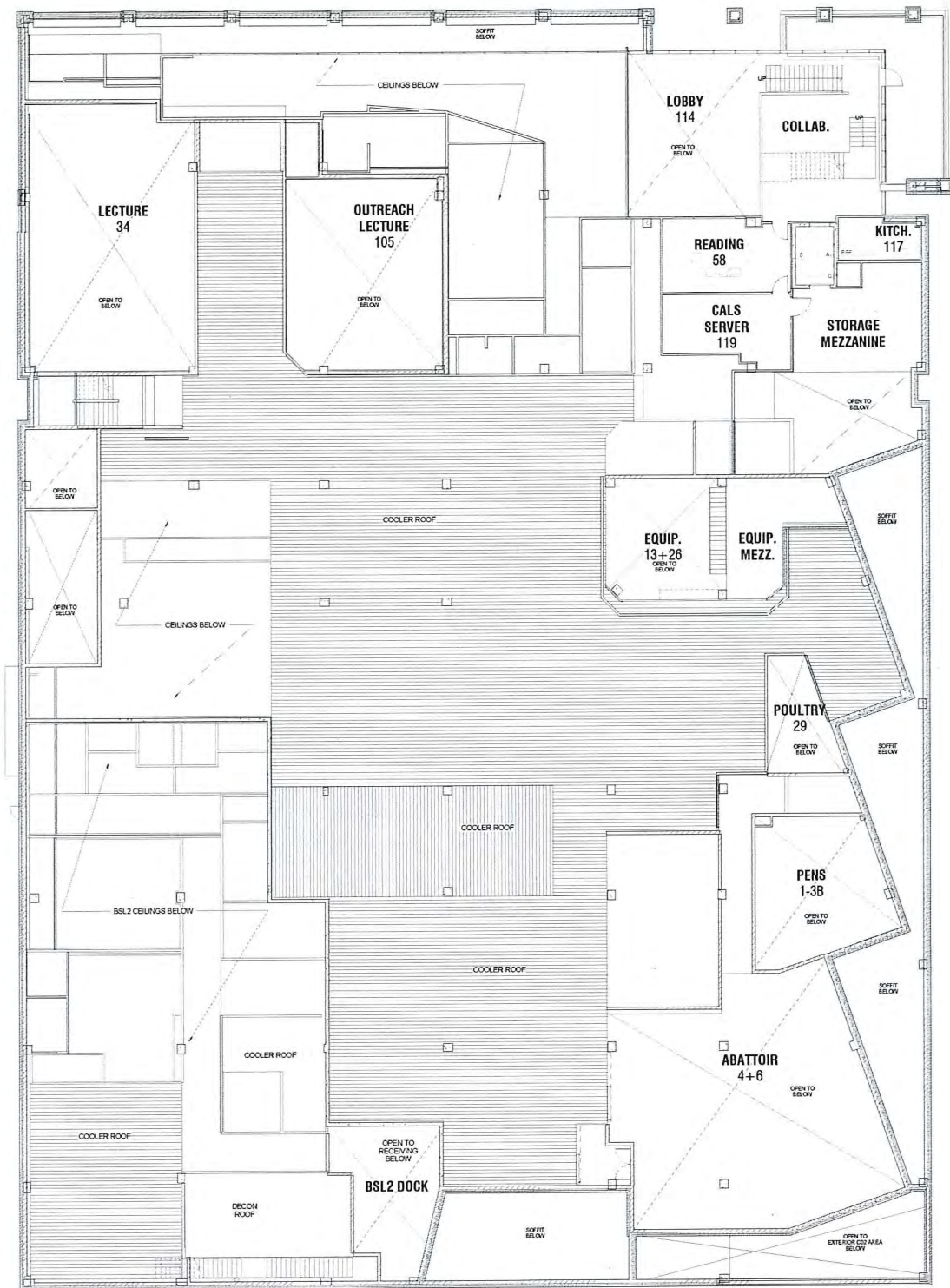
BASEMENT



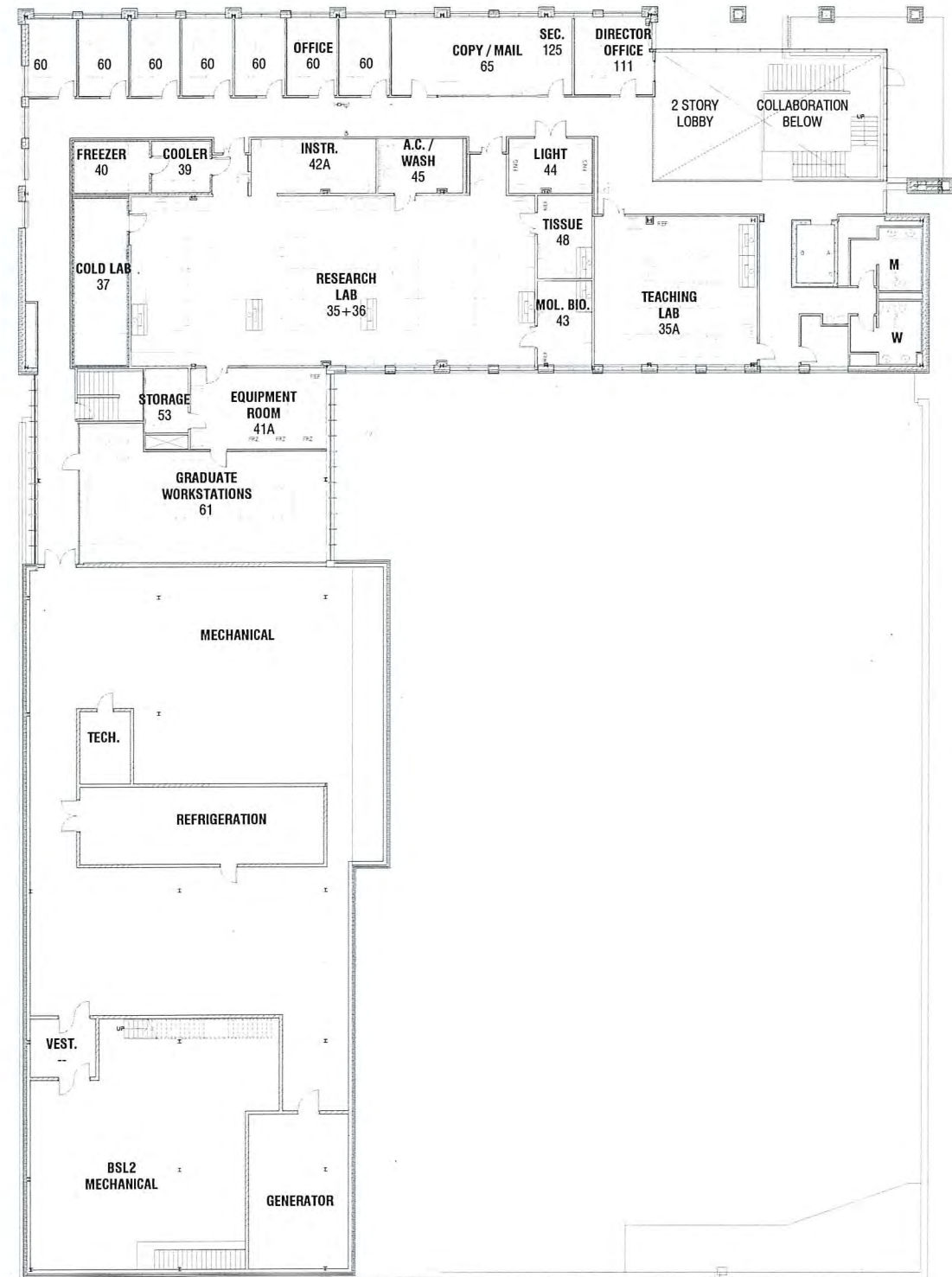
FIRST FLOOR

Building Floor Plans
Meat Science and Muscle Biology Building - UW Madison
 August 19, 2015





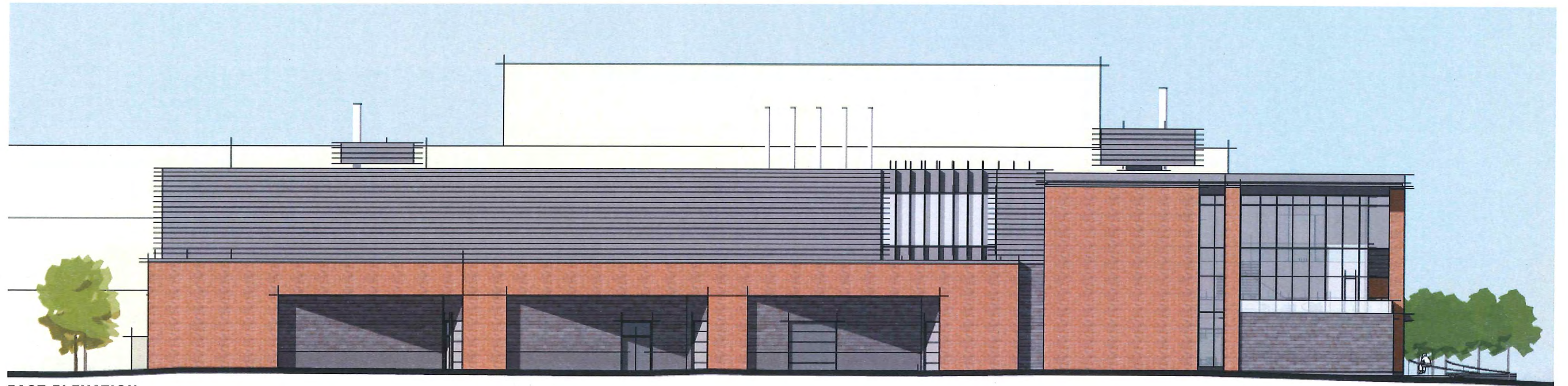
MID-LEVEL



SECOND FLOOR

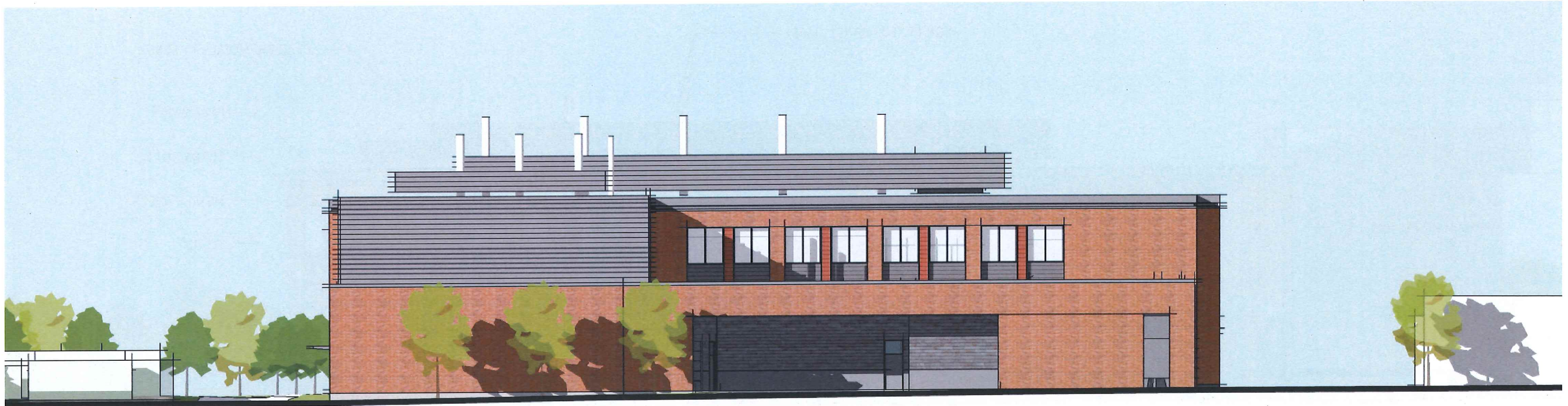


NORTH ELEVATION

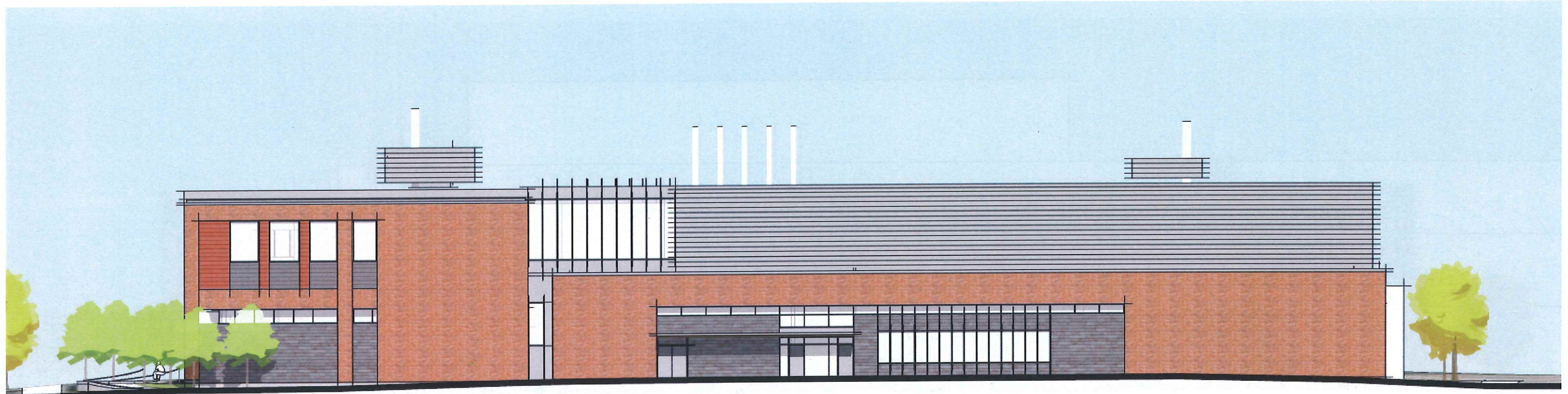


EAST ELEVATION

Building Elevations
 Meat Science and Muscle Biology Building - UW Madison
 August 19, 2015

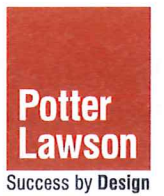


SOUTH ELEVATION



WEST ELEVATION

Building Elevations
Meat Science and Muscle Biology Building - UW Madison
August 19, 2015



9.0 DEMOLITION EVALUATION

August 3, 2015



Amy Scanlon
 Madison Landmarks Commission
 Department of Planning & Development
 215 Martin Luther King, Jr. Blvd.
 Madison, WI 53701-2985

**RE: HISTORIC EVALUATION OF THE SEED BUILDING (UW#0119, WHS#160463) AT
 1930 LINDEN DRIVE ON THE UNIVERSITY OF WISCONSIN-MADISON CAMPUS**

Please accept this information packet in regards to the historical evaluation of the Seed Building (Agronomy Seed Laboratory) on the UW-Madison campus. This information is being provided for your information and review. Please respond with any comments or approval, as it is our understanding the demolition of the Seed Building will not trigger a landmarks commission submittal based on our assembled information. We value your knowledge as preservation planner for the city and its importance to development projects here at UW.

The currently named Seed Building at 1930 Linden Drive was built in 1940 as a central seed storage facility for the university. The brick building was connected to two existing Trachte structures. A third Trachte structure was also added at the time of this project. The astylistic utilitarian building was designed by university architect, Arthur Peabody. I've attached an excerpt from Jim Feldman's book "The Buildings of the University of Wisconsin" for your reference.

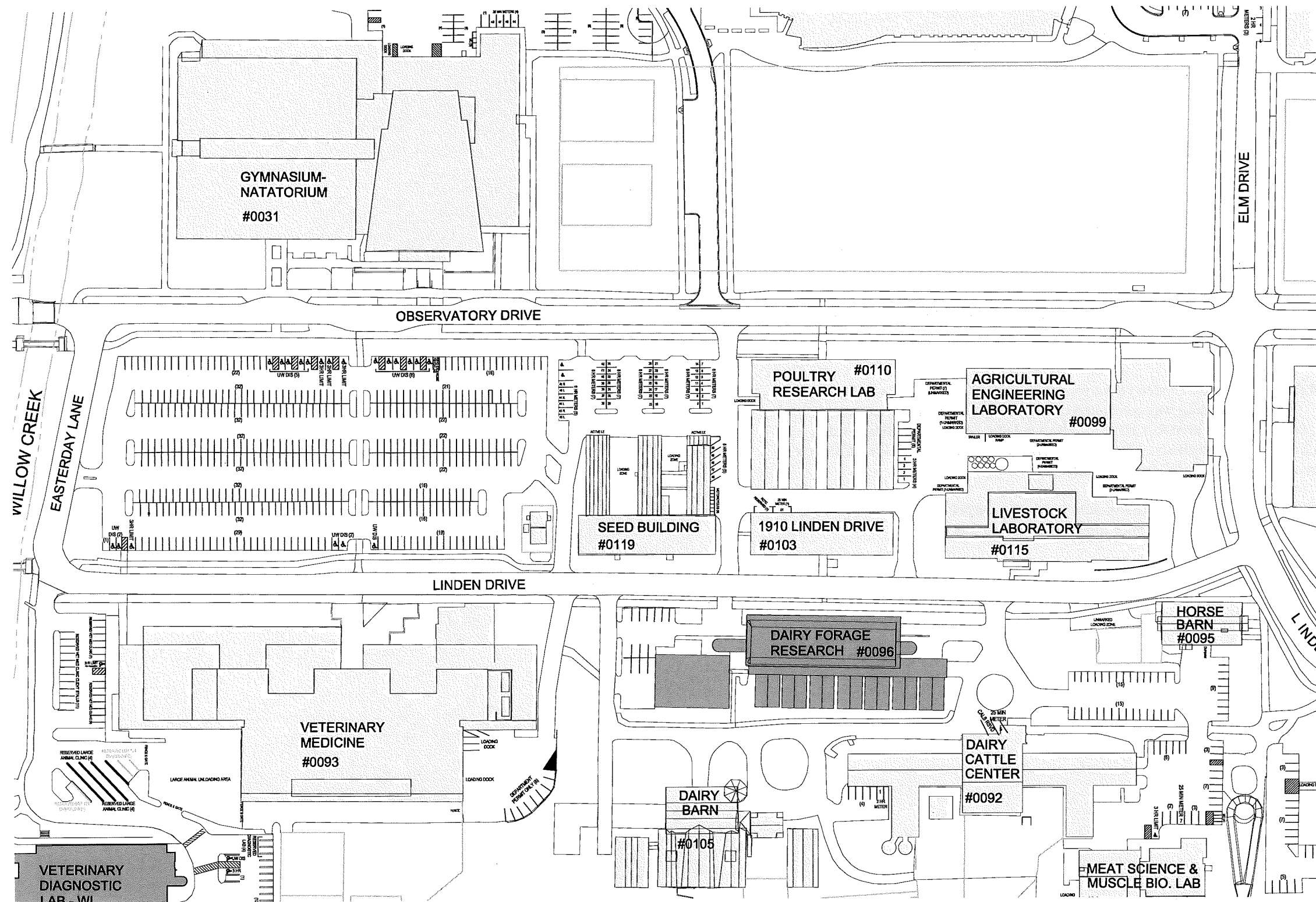
Review of the plans will indicate where the existing structure currently resides and how the proposed building will develop in this area. I thank you for your timely response to this matter.

Aaron J. Williams
 Assistant Campus Planner & Zoning Coordinator
 Facilities Planning & Management, University of Wisconsin-Madison

cc: Gary Brown, Director, Campus Planning & Landscape Architecture
 Stu LaRose, Project Manager Meat Science and Muscle Biology Building

Facilities Planning & Management

856C WARF Building University of Wisconsin-Madison 610 Walnut Street Madison, Wisconsin 53726-2397
 (608) 265-3444 FAX (608) 262-6801



SEED BUILDING

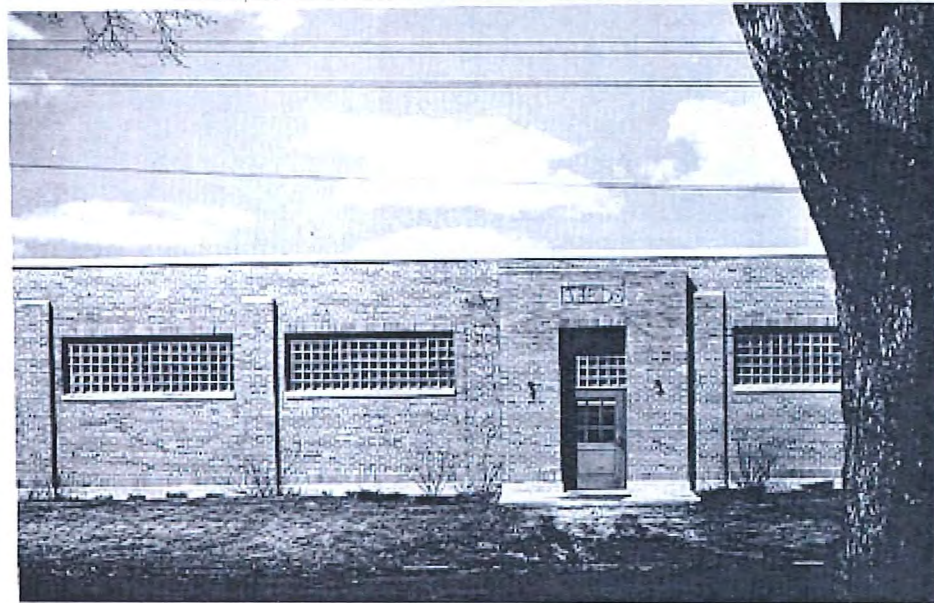


Fig. 1. The agronomy seed building south face. [Series 9/3, Seed Storage Building, jf-60]

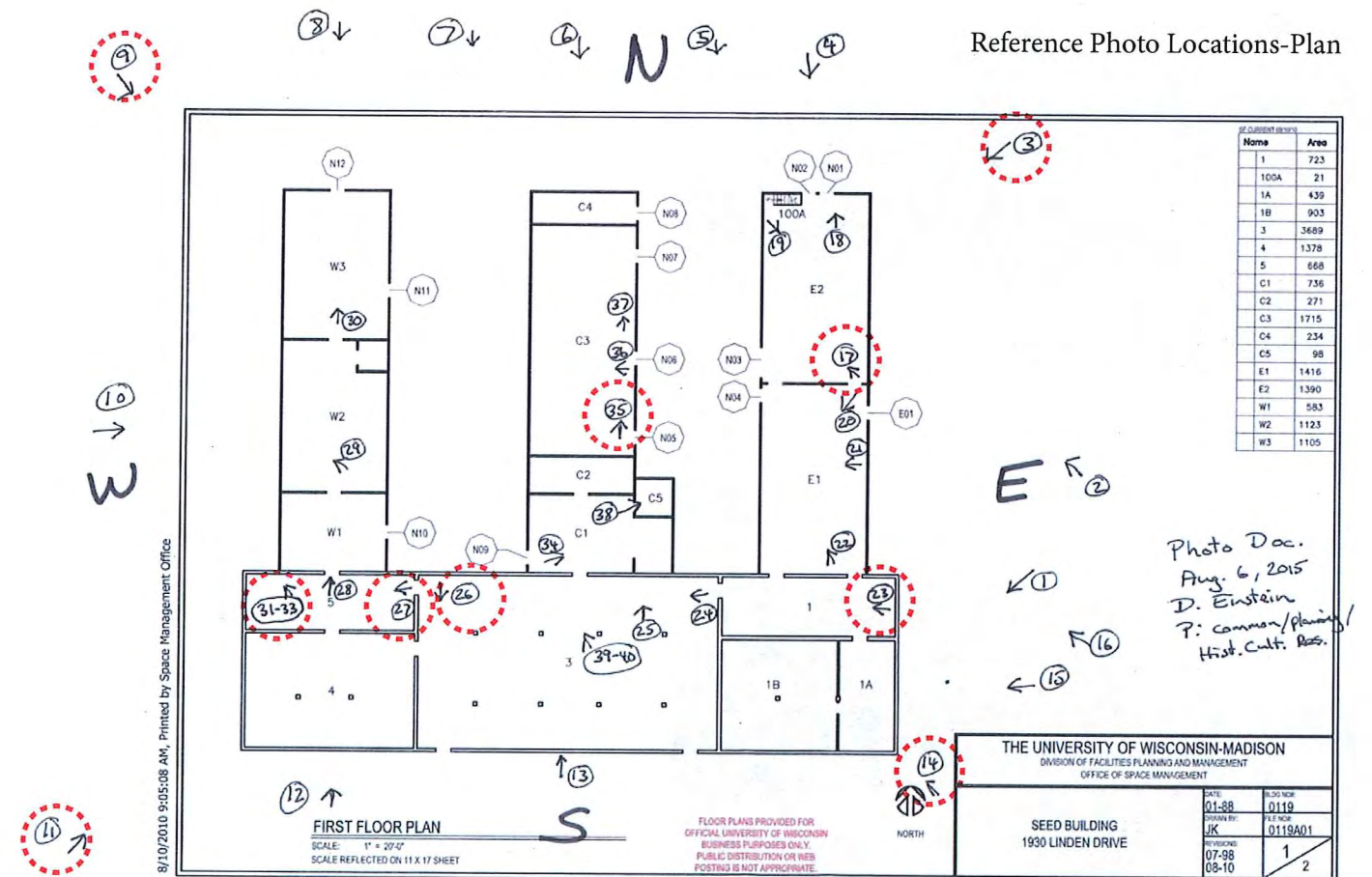
In the late 1930s, the agronomy department of the university under Ransom A. Moore was raising all the hybrid seed corn in the state, as well as doing experimentation to produce better hybrids in all important Wisconsin farm crops. The storage facilities for the seed produced by this department was woefully inadequate. Storage in buildings scattered around the campus, the outlying experimental farm, and rented space in Madison, made careful supervision and efficient retrieval impossible. Finally in 1939 the state legislature approved an appropriation of \$25,000 for a seed storage building. The department began to plan the new building.

In order to keep cost to a minimum, the state architect Arthur Peabody and agronomy professor Norman P. Peal decided to build a structure across the south ends of two 70 foot long existing metal storage sheds (probably the main seed storage facilities), while adding a third metal shed to the row. This produced a building shaped like an 'E' with the three sheds pointing north from the Linden Drive front. This front section was a plain one story brick building 175 feet by 48 feet without a basement, with a flat concrete roof, and large glass brick windows (see Fig. 1). The building was power ventilated and temperature controlled for best seed storage condition. A plan to add a second story to the building was never carried out.¹

Bids were called for on May 24, 1940. The regents approved the plans and estimates on May 27, 1940. The \$25,000 appropriation was supplemented by income from university dairy sales to bring the total to \$26,325. The next day contracts were signed with George Nelson & Son of Madison for \$19,900 for general construction. Utilities and grading subcontracts accounted for the balance of the cost. The general contract called for completion by August 31, 1940. The building was ready for use by October 1940. The metal shed sections were expanded 10 feet each in June 1953 by Trachte Brothers Construction Company at a cost of \$3779.²

1) Daily Cardinal, October 20, 1940.
2) Executive Committee Minutes, May 27, 1940, plans in records of department of planning and construction.

Source:
The Buildings of the University of Wisconsin, Jim Feldman, 1995



View 3: Northeast corner of building



View 9: Northwest corner of building



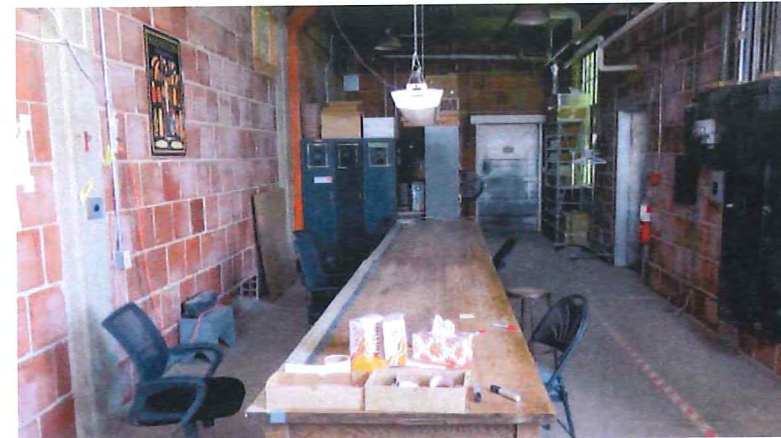
View 11: Southwest corner of building
(current utility work in progress)



View 14: Southeast corner of building
(current utility work in progress)



View 17: Room E2, view north



View 23: Room 1, view west



View 26: Room 3, view south



View 27: Room 5, view west



View 31: Room 5, seed drawer



View 35: Room C3, view north

**University of Wisconsin-Madison
Meat Science and Muscle Biology Building
1933 Observatory Drive (Meat Science Lab) & 1932 Linden Drive (BSL2 Suite)**

Project Description

The Meat Science project site is located on the UW-Madison campus at 1933 Observatory Drive (Meat Science Lab) and 1932 Linden Drive (BSL2 Suite). The UW's commitment to agriculture and food science has played a critical role in developing and supporting Wisconsin's meat industry. Currently, the site is occupied by the Seed Building and is bordered on the north by Observatory Drive, on the west by UW Parking Lot 62, on the south by Linden Drive, and to the east by the Poultry Research Laboratory.

The project will remove the existing Seed Building and associated Trachte buildings located at 1930 Linden Drive (17,750 GSF), which has no current historical designations per the Wisconsin Historical Society. The new project will construct a 2-story modern teaching, research, and outreach facility with approximately 56,100 GSF (30,000 ASF) to support the meat industry of the State of Wisconsin. The new laboratory will facilitate the development of modern meat processing and research through the inclusion of lab general-purpose benches for biochemical, chemical, and microbial studies, as well as more specialized rooms for microscopy, tissue culture, instrumentation and cold experiments. The project will also include a Biosafety Level 2 (BSL2) suite, an abattoir, carcass chilling and cooling facilities, and a meat processing area with retail capabilities through Bucky's Butchery, also located in the new facility. Four loading docks will be accommodated via a one-way access drive (north to south traffic) located on the east side of the building to coordinate with the existing service access for the Poultry Research Laboratory to the east. No on-site vehicular parking will be provided, but a new parking structure is planned for the west side of the new building on the existing UW Parking Lot 62. The current timeframe for that project is to open in the 2017-19 biennium. This project replaces the existing Meat & Muscle Biology Building built in three sections in 1930, 1959 and 1969 currently located at 1805 Linden Drive. The former building will be renovated for a different use for the College of Ag & Life Sciences, likely as a replacement for the Seeds facility being removed as described above.

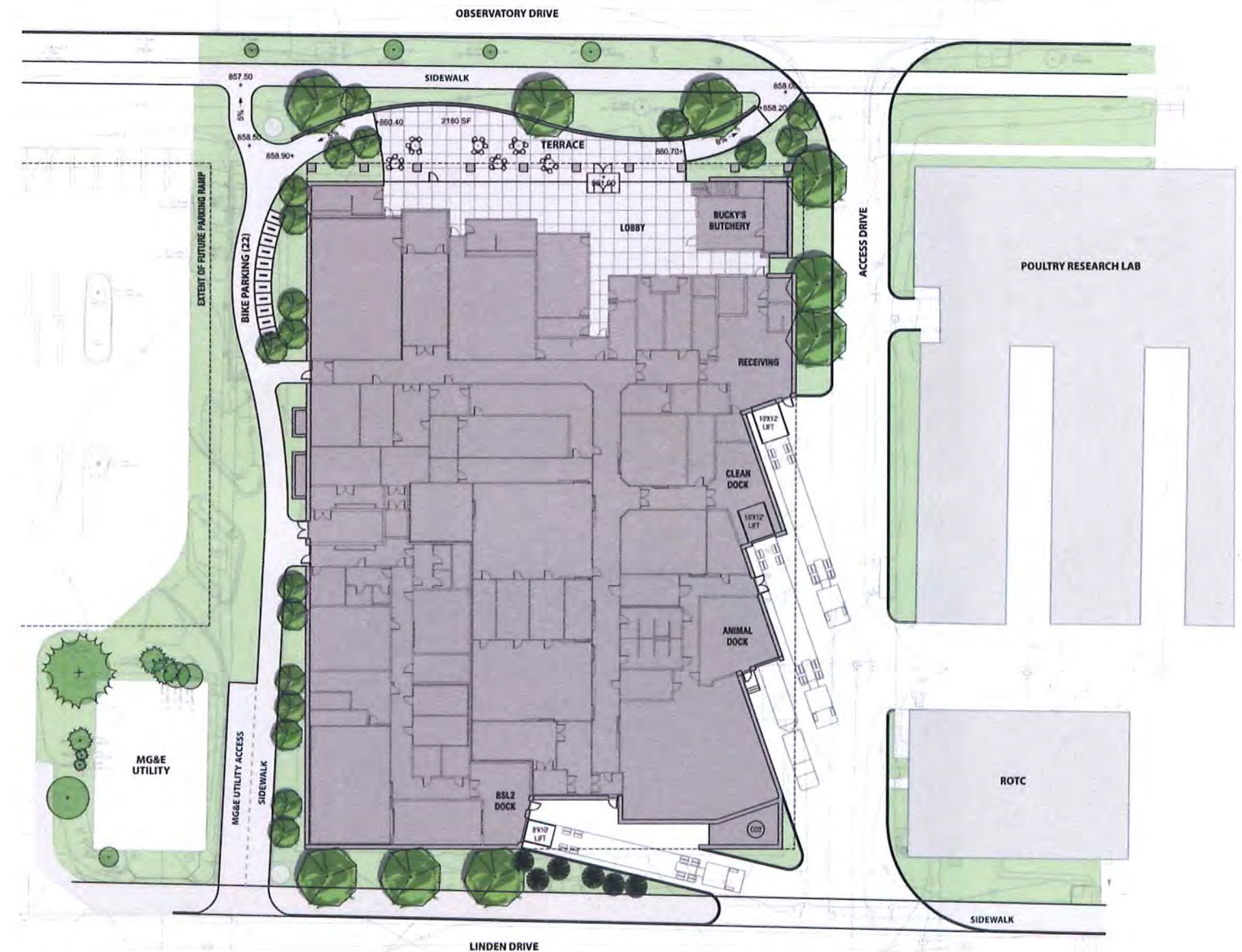
Current Zoning

The Meat Science and Muscle Biology Building site, as part of the UW-Madison, is in the Campus – Institutional District (CI), as defined in MGO 28.097. As such the building is an acceptable Primary Use. Since UW-Madison currently does not have a city of Madison approved Campus Master Plan, this project will require conditional use review by the Madison Plan Commission. It is our understanding that Urban Design Commission review is not required. The project has internally gone through both an introductory (November 11, 2014) and initial UW Design Review Board meetings (May 19, 2015). The project will be shared as an informational item with the Joint West Campus Area Committee on July 22, 2015 and go for a formal recommendation to the Plan Commission in late August 2015.

Draft Schedule

Madison Development Assistance Team – city staff review
 Notify alder in writing of Zoning Review schedule
 Joint West Campus Area Committee Informational Presentation
 Submit Plan Commission application
 Joint West Campus Area Committee, Action
 Plan Commission Conditional Use Review Meeting
 Start Construction
 Substantial Completion
 Occupancy

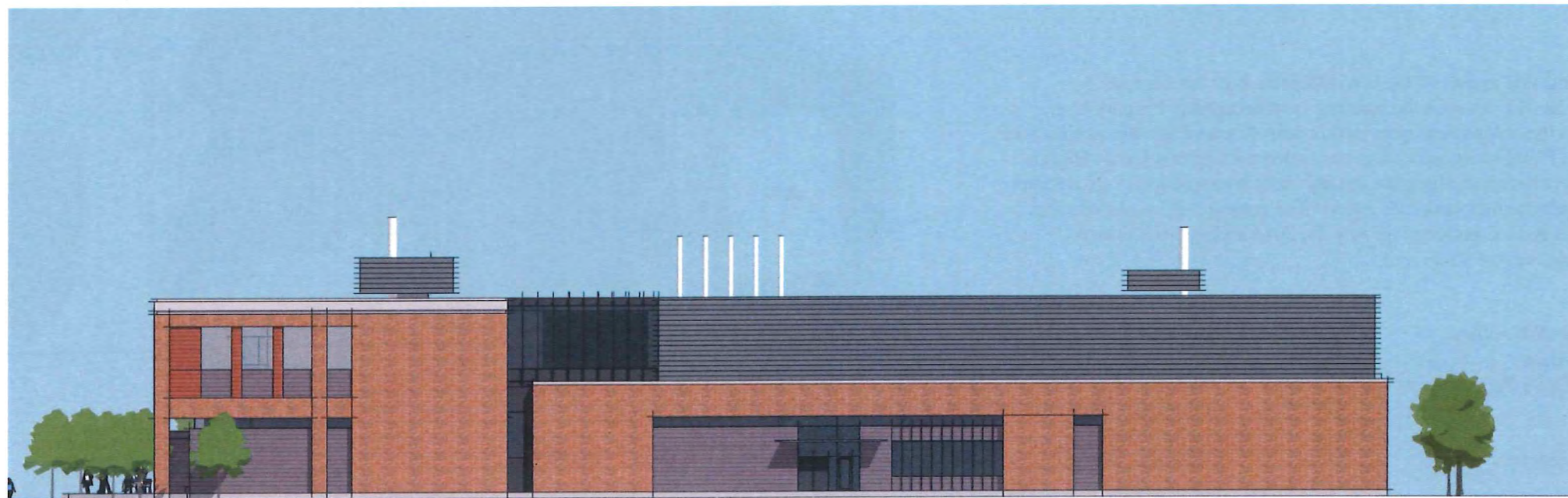
July 9, 2015
 July 17, 2015
 July 22, 2015
 August 19, 2015
 August 26, 2015
 October 5, 2015
 August, 2016
 April, 2018
 May, 2018



LANDSCAPE SITE PLAN

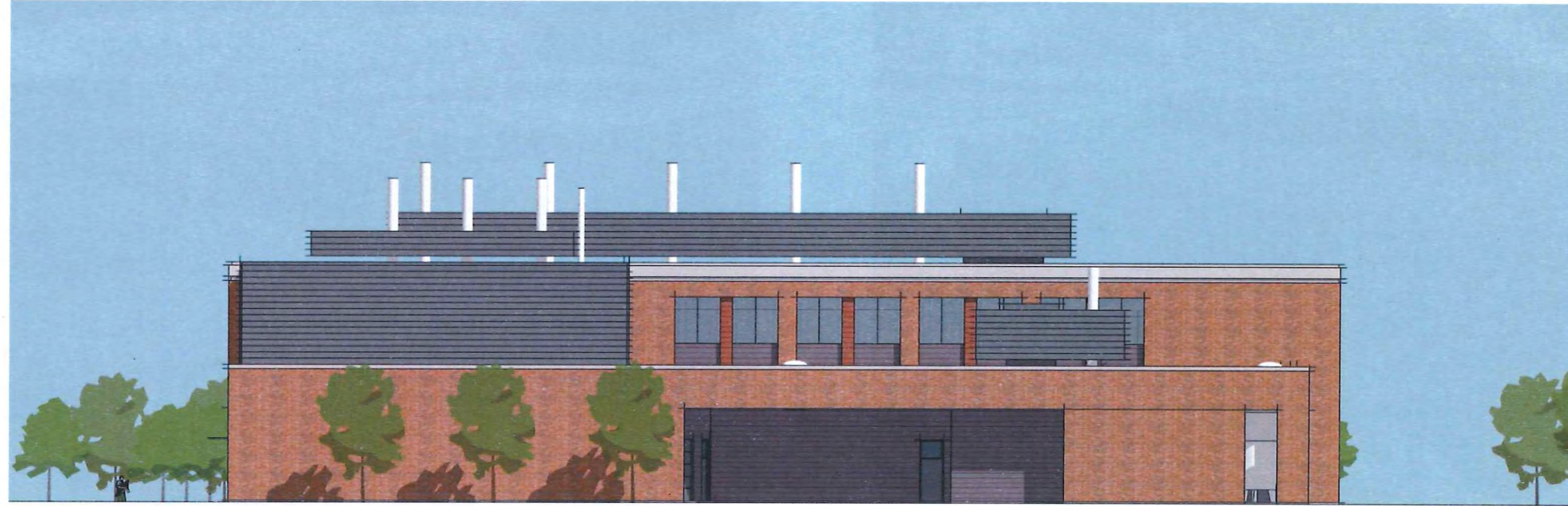


North Elevation



West Elevation

Building Elevations



South Elevation



East Elevation

Building Elevations



NORTHEAST AERIAL PERSPECTIVE



SOUTHEAST AERIAL PERSPECTIVE



NORTHWEST AERIAL PERSPECTIVE