

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

AGENDA ITEM# _____
Project # _____

Action Requested	
DATE SUBMITTED: <u>October 13, 2010</u>	<input type="checkbox"/> Informational Presentation
UDC MEETING DATE: <u>October 20, 2009</u>	<input type="checkbox"/> Initial Approval and/or Recommendation
	<input checked="" type="checkbox"/> Final Approval and/or Recommendation

PROJECT ADDRESS: 105 East Campus Mall (UW Hockey/ Swim Facility) _____

ALDERMANIC DISTRICT: 4 (Alder Verveer) _____

OWNER/DEVELOPER (Partners and/or Principles):
State of Wisconsin, UW System Board of Regents
1220 Linden Drive, Madison, WI 53706 _____

ARCHITECT/DESIGNER/OR AGENT:
Jeff Piette, Kahler-Slater Architects
111 W Wisconsin Ave Milwaukee, WI 53203 _____

CONTACT PERSON: Gary A. Brown, FASLA, Director, Campus Planning & Landscape Architecture
Address: 610 Walnut Street, Madison, WI 53726 _____
Phone: 608-263-3023 _____
Fax: 608-265-3139 _____
E-mail address: gbrown@fpm.wisc.edu _____

TYPE OF PROJECT:

(See Section A for:)

- Planned Unit Development (PUD)
 - General Development Plan (GDP)
 - Specific Implementation Plan (SIP)
- Planned Community Development (PCD)
 - General Development Plan (GDP)
 - Specific Implementation Plan (SIP)
- Planned Residential Development (PRD)
- New Construction or Exterior Remodeling in an Urban Design District * (A public hearing is required as well as a fee)
- School, Public Building or Space (Fee may be required)
- New Construction or Addition to or Remodeling of a Retail, Hotel or Motel Building Exceeding 40,000 S.F.
- Planned Commercial Site

(See Section B for:)

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

(See Section C for:)

- R.P.S.M. Parking Variance (Fee required)

(See Section D for:)

- Comprehensive Design Review* (Fee Required)
- Street Graphics Variance* (Fee Required)
- Other _____

* Public Hearing Required (Submission Deadline 3 Weeks in Advance of Meeting Date)

Where fees are required (as noted above) they apply with the first submittal for either initial or final approval of a project.

Ordering Information

The Archetype®



Ordering Example:

For Standard Fixture and Pole

Mounting	Fixture	Electrical Module	Finish	Options	Pole	VSF Option	
2B	AR3	250HPS277	WH-P	A-25	PSA16-4125B	WH-P	VSF-2B
1	2	3	4	5-12	13	14	

See separate Kim Pole Catalog.
Omit for 1W Wall Mount.

1 Mounting:

3Y configuration is available for round poles only.



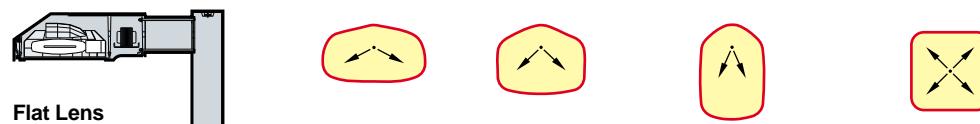
EPA:	1.2	2.4	2.0	3.2	3.2	3.9	n/a
Cat. No.:	1A	2B	2L	3T	3Y	4C	1W

2 Fixture:

Cat. No. designates **AR** fixture and light distribution.

See the Kim Site/Roadway Optical Systems Catalog for detailed information on reflector design and application.

Horizontal Lamp



Flat Lens

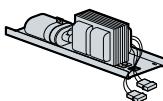
Light Distribution:	Type II	Type III	Type IV	Type V
Cat. No.:	Full Cutoff AR2	Full Cutoff AR3	Forward Throw Full Cutoff AR4	Square Full Cutoff AR5

3 Electrical Module:

HPS = High Pressure Sodium

MH = Metal Halide

PMH = Pulse Start Metal Halide



Lamp Watts	Lamp Type	Line Volts
400	HPS	277

High Pressure Sodium

150HPS120	250HPS120	400HPS120
150HPS208	250HPS208	400HPS208
150HPS240	250HPS240	400HPS240
150HPS277	250HPS277	400HPS277
150HPS347	250HPS347	400HPS347
150HPS480	250HPS480	400HPS480



KimNOW! Available Configurations:

KN-AR3/250PMH/DB*, KN-AR3/400PMH/DB*, KN-AR5/250PMH/DB*, KN-AR5/400PMH/DB*

Accessories:

KN-AR/HS, KN-VSF-1A/DB,

KN-VSF-2B/DB, KN-1W/AR/DB

*Multi-tap ballast (120, 208, 240, or 277 volts)

Pulse Start Metal Halide

250PMH120	320PMH120	350PMH120	400PMH120
250PMH208	320PMH208	350PMH208	400PMH208
250PMH240	320PMH240	350PMH240	400PMH240
250PMH277	320PMH277	350PMH277	400PMH277
250PMH347	320PMH347	350PMH347	400PMH347
250PMH480	320PMH480	350PMH480	400PMH480

NOTE: Due to the Energy Independence and Security Act (EISA) of 2007, Kim Lighting can no longer supply probe start metal halide ballasts with its luminaires, effective January 1, 2009. Contact Kim Lighting for availability of replacement ballasts for warranty service claims.

(Visit www.aboutlightingcontrols.org or the Library of Congress website for more details).

4 Finish:

Super TGIC powder coat paint over titanated zirconium conversion coating.

Color:	Black	Dark Bronze	Light Gray	Platinum Silver	White	Custom Colors ¹
Cat. No.:	BL	DB	LG	PS	WH	CC

¹Consult representative for custom colors.

5 Optional Photocell Receptacle:

Receptacle provided for NEMA base photocells (by others).

Receptacle	Mounting Configuration			
	S – Fixture with Photocell Receptacle	1A or 1W	2B	4C
	S – slave unit(s)	2L	3T, 3Y	4C
Cat. No.:	A-25	Allowable Wattage per fixture:	150-400W	150-250W
				400W

Luminaire Specifications

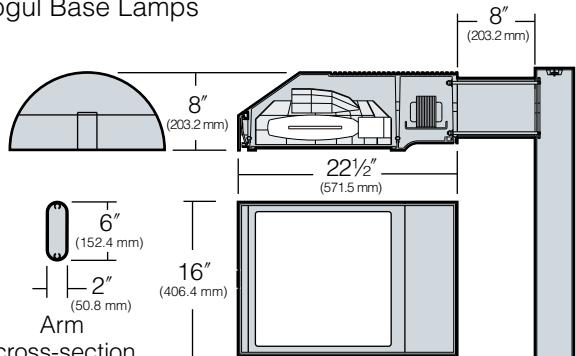
AR and SAR Models

Dimensions

AR Model

150 to 400 watt

Mogul Base Lamps

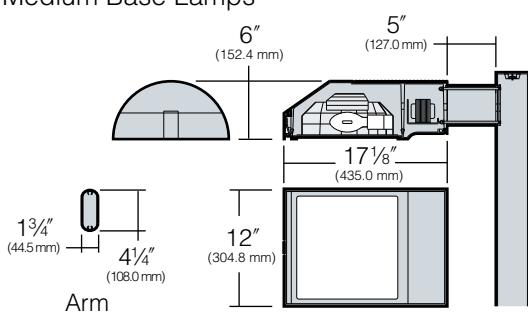


Maximum Fixture weight (400HPS) = 45 lb

SAR Model

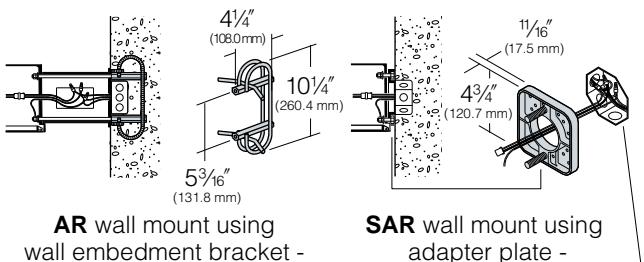
70 to 175 watt

Medium Base Lamps



Maximum Fixture weight (150HPS) = 25 lb

Optional Wall Mounts



AR wall mount using
wall embedment bracket -
J-box in wall (by others)

SAR wall mount using
adapter plate -
3" or 4" J-box (by others)

Housing: One-piece, die-cast low copper (<0.6% Cu) aluminum alloy with integral cooling ribs over the optical chamber and electrical compartment. Solid barrier wall separates optical and electrical compartments. Double-thick wall with gussets on the support-arm mounting end. For the large AR model, housing forms a half cylinder with 55° front face plane providing a recess to allow a flush single-latch detail. For the small SAR model, housing forms a half cylinder with 58° front face plane providing a recess to allow a flush single-latch detail. All hardware is stainless steel or electro-zinc plated steel.

Lens Frame: One-piece, die-cast low copper (<0.6% Cu) aluminum alloy lens frame with 1" minimum depth around the gasket flange. Integral hinges with stainless steel pins provide no-tool mounting and removal from housing. Single die-cast aluminum cam-latch provides positive locking and sealing of the optical chamber by a one-piece extruded and vulcanized silicone gasket. Clear 3/16" thick tempered glass lens retained by eight steel clips with full silicone gasketing around the perimeter.

Reflector Module: Specular Alzak® optical segments are rigidly mounted within a one-piece, die-cast low copper (<0.6% Cu) aluminum alloy enclosure that attaches to the housing as a one-piece module. Reflector module is field rotatable in 90° increments. AR model HPS and PMH sockets are porcelain 4KV pulse rated mogul base, MH sockets are porcelain mogul base, pin-oriented, with molded silicone lamp stabilizer. SAR model MH and HPS sockets are porcelain 4KV pulse rated medium base. All reflector modules are factory prewired with quick-disconnect plug and include silicone seal at the penetration of the internal barrier wall in the luminaire housing.

Electrical Module: All electrical components are UL and CSA recognized, mounted on a single plate and factory prewired with quick-disconnect plugs. Electrical module attaches to housing with no-tool hinges and latches, accessible by opening the lens frame only. All ballasts are high power factor rated -20°F. starting.

Support Arm: One-piece extruded aluminum with internal bolt guides and fully radiussed top and bottom. Luminaire-to-pole attachment is by internal draw bolts, and includes a pole reinforcing plate with wire strain relief. Arm is circular cut for specified round pole.

Optional Wall Mounting: Large AR model mounted to poured concrete walls only. A modified support arm is provided with side access to allow field splices within the arm. A wall embedment bracket is provided to accept draw bolts, and a trim plate covers the wall-embedded junction box. All wall mount components are finished to match the fixture. Small SAR model mounts to 3" or 4" junction boxes by a cast aluminum adapter plate with fixture mounting bolts.

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

Finish/color: Finish is Super TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness, applied over a titanated zirconium conversion coating; A.S.T.M. 2500 hour salt spray test endurance rating. Standard colors are Black, Dark Bronze, Light Gray, Platinum Silver, or White. Custom colors are available.

CAUTION: Fixtures must be grounded in accordance with national, state, and/or local codes. Failure to do so may result in serious personal injury.

Listings and Ratings		
UL cUL 1598	4G Vibration ¹	25C Ambient
IP66 Rated	CE	ISO 9001:2000
Full-Cutoff ² with flat glass lens; Cutoff ² with convex glass lens		

¹5K Cycle Tested

²Dark Sky Legislation Compliant

70 to 400 Watt / 10' to 30' Poles

32'

30'

28'

26'

24'

22'

20'

18'

16'

14'

12'

10'

8'

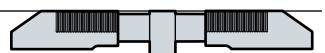
6'

4'

2'

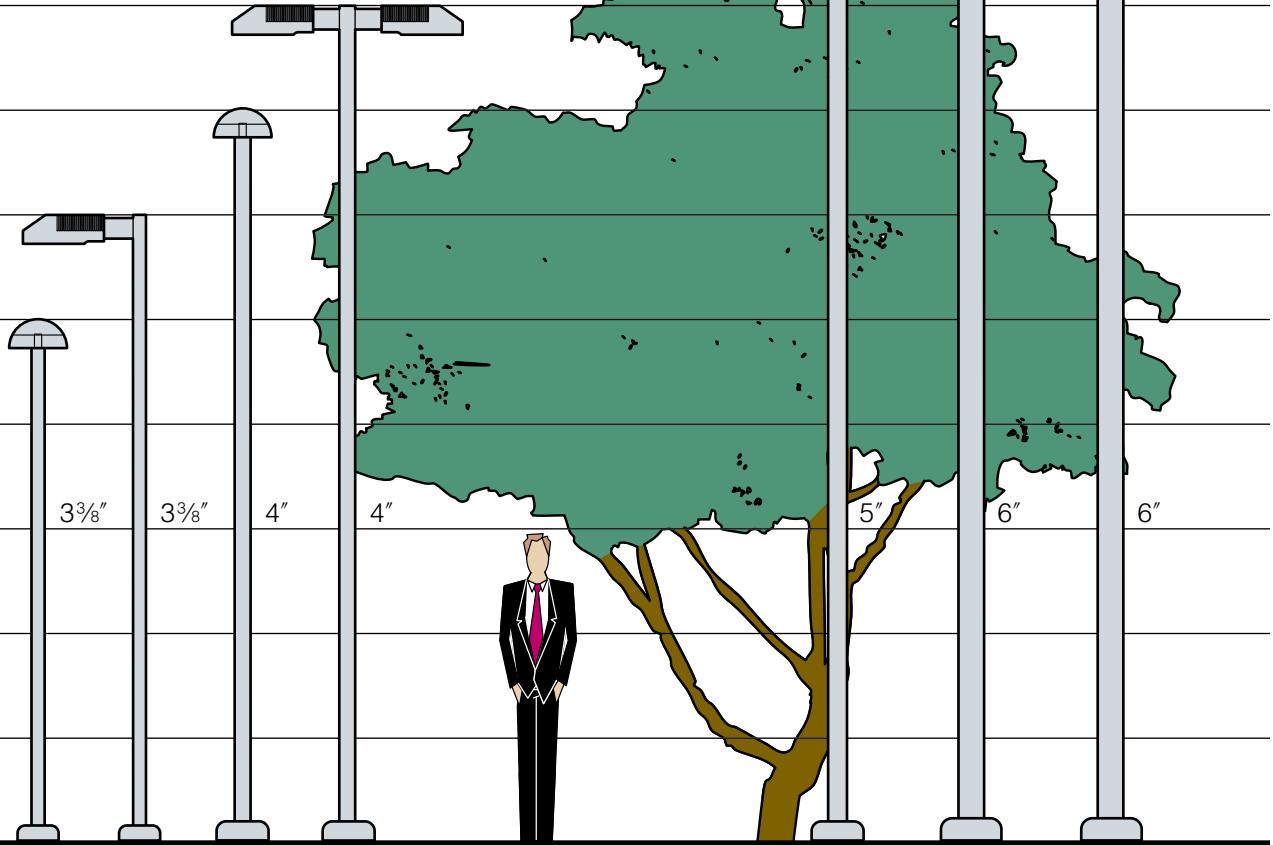
GRADE

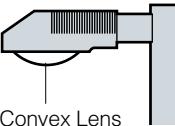
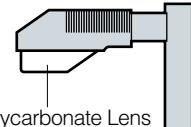
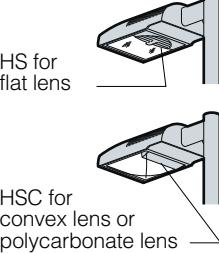
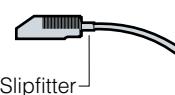
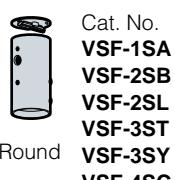
AR Models:
150 to 400 Watt
20' to 30' poles



This proportion diagram is intended to help visualize and select the best Archetype® system to satisfy aesthetic requirements. Remember, the pole height also affects performance; the higher the fixture is mounted, the greater the light throw. If poles are mounted on concrete pedestals such as in parking lots, the height of the pedestal must be considered in selecting the pole height.

SAR Models:
70 to 175 Watt
10' to 16' poles



6 Optional Convex Glass Lens:	 <p>Convex Lens</p>	Cat. No.: CGL	Tempered convex glass lens replaces standard flat lens. Optics become cutoff.																																																							
7 Optional Polycarbonate Lens:	 <p>Polycarbonate Lens</p>	Cat. No.: LS	Polycarbonate Lens replaces standard tempered glass lens. See " CAUTION " on page 17 .																																																							
8 Optional Houseside Shield:	 <p>HS for flat lens</p> <p>HSC for convex lens or polycarbonate lens</p>	Cat. No.: HS Cat. No.: HSC	Recommended for use with clear lamps only. Effectiveness is reduced for coated lamps. Not for use with Type V light distributions. For use with all fixtures with convex glass lens. Not for use with Type V light distributions.																																																							
9 Optional Tamper-Resistant Latch:		Cat. No.: TL	Standard die-cast latch is provided with a captive 10-32 stainless steel flat socket-head screw to prevent unauthorized opening. Required only for vandal protection in locations where fixtures can be reached by unauthorized persons.																																																							
10 Optional Support Arm: NOTE: Refer to Kim Lighting's Architectural Arms Catalog for complete details. Optional Support Arm cannot be used with #12 Pole Mounted Structural Option. ¹ Same as standard arm	Arm Cat. No.: <table border="1" data-bbox="528 1142 1569 1448"> <thead> <tr> <th>Mounting:</th> <th>Optional Support Arm:</th> <th>AA02</th> <th>AA04¹</th> <th>AA06</th> <th>AA08</th> <th>AA10</th> <th>AA12</th> </tr> </thead> <tbody> <tr> <td>1A</td> <td>EPA for fixture</td> <td>0.8</td> <td>0.7</td> <td>1.0</td> <td>0.8</td> <td>1.2</td> <td>1.2</td> </tr> <tr> <td>2B</td> <td>fixture and arm:</td> <td>1.6</td> <td>1.4</td> <td>2.0</td> <td>1.6</td> <td>2.4</td> <td>2.4</td> </tr> <tr> <td>2L</td> <td></td> <td>1.3</td> <td>1.2</td> <td>1.5</td> <td>1.3</td> <td>1.7</td> <td>1.7</td> </tr> <tr> <td>3T</td> <td></td> <td>2.1</td> <td>1.9</td> <td>2.5</td> <td>2.1</td> <td>2.9</td> <td>2.9</td> </tr> <tr> <td>3Y</td> <td></td> <td>2.1</td> <td>1.9</td> <td>2.5</td> <td>2.1</td> <td>2.9</td> <td>2.9</td> </tr> <tr> <td>4C</td> <td></td> <td>2.7</td> <td>2.5</td> <td>3.0</td> <td>2.7</td> <td>3.5</td> <td>3.5</td> </tr> </tbody> </table>	Mounting:	Optional Support Arm:	AA02	AA04 ¹	AA06	AA08	AA10	AA12	1A	EPA for fixture	0.8	0.7	1.0	0.8	1.2	1.2	2B	fixture and arm:	1.6	1.4	2.0	1.6	2.4	2.4	2L		1.3	1.2	1.5	1.3	1.7	1.7	3T		2.1	1.9	2.5	2.1	2.9	2.9	3Y		2.1	1.9	2.5	2.1	2.9	2.9	4C		2.7	2.5	3.0	2.7	3.5	3.5	Replaces standard mounting arm with a slipfitter for mounting to a horizontal pole davit-arm with 2" pipe-size mounting end (2 $\frac{3}{8}$ " O.D.).
Mounting:	Optional Support Arm:	AA02	AA04 ¹	AA06	AA08	AA10	AA12																																																			
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4C		2.7	2.5	3.0	2.7	3.5	3.5																																																			
11 Optional Horizontal Slipfitter Mount:	 <p>Slipfitter</p>	Cat. No.: HSF	Replaces standard mounting arm with a slipfitter for mounting to a horizontal pole davit-arm with 2" pipe-size mounting end (2 $\frac{3}{8}$ " O.D.).																																																							
12 Special Options for Street Lighting:		Cat. No.: AF	Air Filter to allow ventilation through the optical chamber.																																																							
13 Poles:			See Kim Pole Catalog for a complete selection of square and round poles in aluminum or steel.																																																							
14 Optional Vertical Slipfitter Mounts:	 <p>Round</p> <p>Square</p>	Cat. No. VSF-1SA VSF-2SB VSF-2SL VSF-3ST VSF-3SY VSF-4SC	Cat. No. SVSF-1SA SVSF-2SB SVSF-2SL SVSF-3ST SVSF-4SC Mounting Configuration 1SA - Single arm mount 2SB - 2 at 180° 2SL - 2 at 90° 3ST - 3 at 90° 3SY - 3 at 120° 4SC - 4 at 90°	Allows standard fixture and arm to be mounted to poles having a 2" pipe-size tenon (2 $\frac{3}{8}$ " O.D. x 4 $\frac{1}{2}$ " min. length).																																																						

Ordering Information

The Small Archetype®



Ordering Example:

For Standard Fixture and Pole

Mounting Fixture Electrical Module Finish Options Pole VSF Option

1SA / SAR2 / 175MH120 / BL-P / A-30 / PSA16-4125SA / BL-P / VSF-1SA

1 2 3 4 5-12 13 14

See separate Kim Pole Catalog.
Omit for **1W** Wall Mount.

1 Mounting:

3SY configuration is available for round poles only.

Plan View:							
EPA: Cat. No.:	0.7 1SA	1.4 2SB	1.2 2SL	1.9 3ST	1.9 3SY	2.5 4SC	n/a 1W

2 Fixture:

Cat. No. designates **SAR** fixture and light distribution.

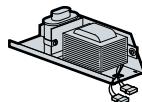
See the Kim Site/Roadway Optical Systems Catalog for detailed information on reflector design and application.

Horizontal Lamp					
Flat Lens					
Light Distribution:		Type II Full Cutoff SAR2	Type III Full Cutoff SAR3	Type IV Forward Throw Full Cutoff SAR4	Type V Square Full Cutoff SAR5

3 Electrical Module:

HPS = High Pressure Sodium

MH = Metal Halide



Lamp Watts	Lamp Type	Line Volts
150	HPS	120

High Pressure Sodium

70HPS120	100HPS120	150HPS120
70HPS208	100HPS208	150HPS208
70HPS240	100HPS240	150HPS240
70HPS277	100HPS277	150HPS277
70HPS347	100HPS347	150HPS347



KimNOW! Available Configurations:

KN-SAR3/100PMH/DB*, **KN-SAR5/100PMH/DB***,
KN-SAR3/150PMH/DB*, **KN-SAR5/150PMH/DB***

Accessories:

KN-SAR/HS, **KN-1W/SAR/DB**

*Multi-tap ballast (120, 208, 240, or 277 volts)

Pulse Start Metal Halide

70PMH120	100PMH120	150PMH120
70PMH208	100PMH208	150PMH208
70PMH240	100PMH240	150PMH240
70PMH277	100PMH277	150PMH277
70PMH347	100PMH347	150PMH347

NOTE: Due to the Energy Independence and Security Act (EISA) of 2007, Kim Lighting can no longer supply probe start metal halide ballasts with its luminaires, effective January 1, 2009. Contact Kim Lighting for availability of replacement ballasts for warranty service claims.

(Visit www.aboutlightingcontrols.org or the Library of Congress website for more details).

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Super TGIC powder coat paint over titanated zirconium conversion coating.

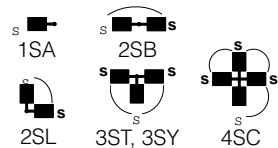
Color:	Black	Dark Bronze	Light Gray	Platinum Silver	White	Custom Colors ¹
Cat. No.:	BL	DB	LG	PS	WH	CC

¹Consult representative for custom colors.

5 Optional Photocell Control:

Not available for **1W** Wall Mount.

	Cat. No. and Line Volts:	A-30 120V A-31 208V A-32 240V A-33 277V A-35 347V	Mounting Configuration
			S – Fixture with Photocell Sensor S – slave unit(s)
			No fixture wattage limit.



Recessed wall luminaire - stainless steel

Housing: Constructed of die cast and extruded aluminum with integral wiring compartment. Mounting tabs provided.

Enclosure: All stainless steel faceplate, $\frac{3}{16}$ " thick. $\frac{1}{8}$ " thick, tempered glass, etched, (behind louvers). Faceplate is secured by two (2) flat socket head, stainless steel, captive screws threaded into stainless steel inserts in the housing casting. Continuous high temperature O-ring gasket for weather tight operation.

Electrical: Provided with a quantity of six (6) 1W white LEDs, 8 total system watts, -40°C start temperature. Integral 120V through 277V electronic LED driver. LED board and the driver are mounted on a removable plate for easy replacement. LED color temperature is 3300K. Junction temperature is 78.4°C .

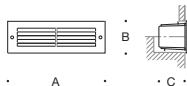
Through Wiring: Maximum of four (4) No. 12 AWG conductors (plus ground) suitable for 75°C . Two $\frac{7}{8}$ " knockouts provided for $\frac{1}{2}$ " conduit.

Note: Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of BEGA-US. For the most current technical data, please refer to www.bega-us.com.

Finish: #4, brushed stainless steel. Stainless steel requires regular cleaning and maintenance, much like household appliances, to maintain its luster and to prevent tarnishing or the appearance of rust like stains.

UL listed, suitable for wet locations and for installation within 3 feet of ground. Type non-IC. Protection class: IP64.

Type:
BEGA Product #:
Project:
Voltage:
Color:
Options:
Modified:



2136LED	Recessed	ADA	Lamp	Lumen	A	B	C
			6W LED	500	10%	3 $\frac{1}{8}$	4



BEGA-US 1000 BEGA Way, Carpinteria, CA 93013 [P] 805-684-0533 [F] 805-684-6682

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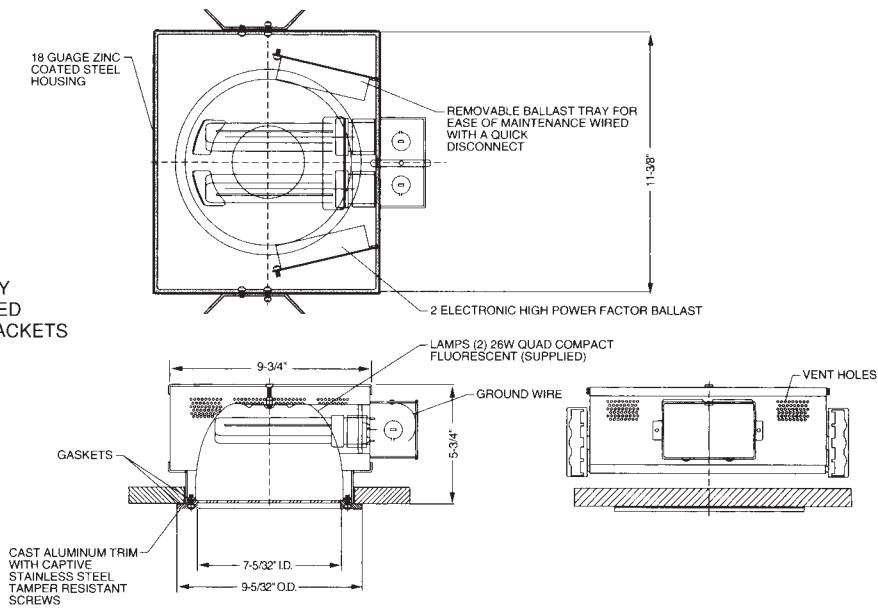


design: richard klapper

RDL/RHL

- 18GA Zinc coated steel housing
- Adjustable for 1/2" to 11/2" thick ceiling
- Concrete pour housing available
- Low copper alloy cast trim ring
- 3/16" thick UV stabilized polycarbonate lens
- Electronic ballasts for -25°F cold weather start for fluorescent, HPF magnetic ballast for HID
- Zero iridescence reflector
- Triple gasketed
- Trim ring is mechanically attached to body
- listed wet label IP 55
- Available as matching wall wash

DRAWING SHOWS BODY
STYLE FULLY RECESSED
WITH HANGER BAR BRACKETS



ORDERING CHART

SERIES	Lamp X	Wattage	Body X	Ring Finish X	Grill X	Ballast X	Lens X	Options XX
DOWNLIGHTS	8-Fluorescent	FOR RDL/RWL	4 - Fully Recessed with Hanger Bar Brackets	00 - Semi Gloss Black	0 - None	C- 120V/277V Elect.	C- Clear	0 - None
RDL	9-HID (RHL only)	J3-2x13W QUAD 2700K	V - Fully Recessed for Concrete Pour	01 - Semi Gloss White		2- 347V Elect.	X- Opal	1 - Emergency Ballast
RHL		J1-2x13W QUAD 3500K		02 - Black Suede		9- 120V HPF MAG	P- Clear Prismatic	3 - 2 Circuit Wiring
WALL WASH		G7-2x18W QUAD 3500K		03 - Grey		A- 277V HPF MAG	T- Tempered Glass	8 - Non Std. Screws
RWL		G8-2x18W QUAD 3500K		04 - Bronze			F- Linear Prism Overlay	A - DC Bayonet Socket (HID only)
RWH		G2-2x26W QUAD 2700K		05 - Hammered Bronze				D - Black Oxide Screws
		E8-2x26W QUAD 3500K		07 - Hammered Copper				F - Quartz Restrike (HID only)
		H2-1x32W TRIPLE 2700K		10 - Matte Silver				S - Spanner Head Screws
		H3-1x32W TRIPLE 3500K		17 - Granite				
		FOR RHL/RWH		47 - Weathered Bronze				
		H4-1X42W TRIPLE 4 PIN 27K		48 - Weathered Moss				
		H5-1X42W TRIPLE 4 PIN 35K		49 - Good Earth				
		10-2X32W TRIPLE 4 PIN 27K		61 - Onyx				
		J8-2X32W TRIPLE 4 PIN 35K		80 - Weathered Copper				
		L3-70W MH ED17 MED CLEAR		81 - Weathered Iron				
		B4-70W MH ED17 MED COATED		82 - Hammered Gunmetal				
		L6-70W HPS ED17 MED CLEAR		83 - Metallic Silver				
		B6-70W HPS ED17 MED COATED		84 - Aluminum				
				85 - Terracotta				
				86 - Metallic Gold				
				87 - Chrome				
				88 - Quick Silver				
				89 - Zinc Grey				
				0M-BLK Marine Finish				
				1M - WH. Marine Finish				
				HB - Hand Painted Weathered Bronze				
				HC - Hand Painted Weathered Copper				
				99 - Custom				

To order choose one number from each column and two numbers from options column. Use 00 for options to signify none required.

NOTE:
HID is available in T only

NOTE:
C and 2 are for fluorescent
9 and A are for HID

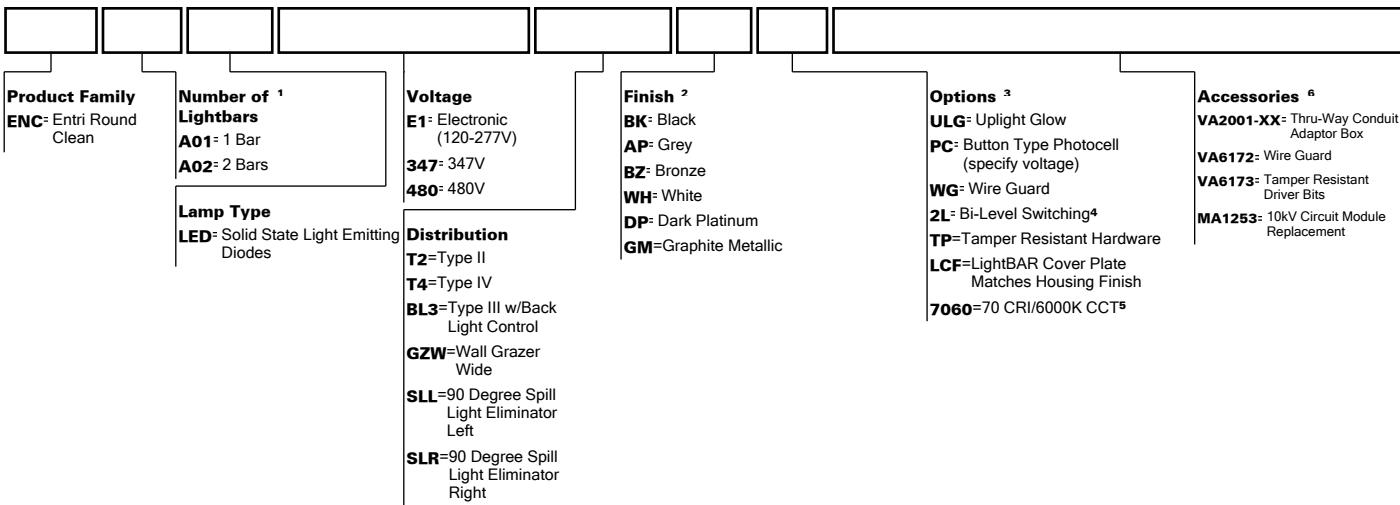
POWER AND LUMENS BY BAR COUNT

# of Bars	System Watts	Type BL2 Lumens	Type BL3 Lumens	Type BL4 Lumens	Ambient Temperature	Lumen Multiplier
1 Bar	26	1,626	1,724	1,677	10°C	1.04
2 Bars	53	3,252	3,447	3,354	15°C	1.03
Options	System Watts	Lumens			25°C	1.00
ULG	8	315			40°C	0.96

NOTE: Lumen values based upon 4000K CCT, 350mA drive current, 25°C ambient operating temperature.

ORDERING INFORMATION

Sample Number: ENC-A02-LED-E1-BL3-GM



Notes: 1 Standard 4000 K CCT and greater than 70 CRI. LightBARS for downlight use only.

2 Custom and RAL color matching available upon request. Consult your customer service representative for further information.

3 Add as suffix in the order shown.

4 Low-level output varies by bar count, consult factory. Not available with 347V or 480V. Available with 2 Bars (A02) only.

5 Consult customer service for lead times and lumen multiplier.

6 Order separately, replace XX with color suffix.

DESCRIPTION

Entri LED features a classic and stylish design with the added benefits of solid state lighting technology, offering outstanding uniformity and energy savings. Using Cooper Lighting's proprietary LED LightBAR™ technology and AccuLED optical systems, Entri LED offers designers vast versatility in system design, function and performance. Use Entri LED for wall mount architectural lighting applications and egress lighting requirements. UL and cUL listed for use in wet locations.

Catalog #	Type
Project	
Comments	Date
Prepared by	

SPECIFICATION FEATURES
Construction

HOUSING: Heavy wall, one piece die-cast aluminum construction for precise tolerance control and repeatability in manufacturing. Integral extruded aluminum heat sink provides superior thermal heat transfer in +40°C ambient environments. Housing and heat sink are designed to offer various options for down lighting, up lighting or a combination of both up and down. **FACEPLATE / DOOR:** One-piece die-cast aluminum construction. Captive, side hinged faceplate swings open via release of one (1) flush mount die-cast aluminum latch on housing side panel. Door closure and seal is ensured through a robust and positive retention bale latch which upon closing can be heard through distinct sound. **GASKET:** One-piece molded silicone gasket mates perfectly between the door and housing for repeatable seal. Silicone wire way plug on housing back wall seals incoming electrical leads to prevent moisture and dust entry. **LENS:** Uplight lens is impact resistant, 5/32" thick tempered frosted glass sealed to housing with continuous bead silicone gasket. Downlight lens is LED board integrated acrylic over-optics, each individually sealed for IP66 rating. **HARDWARE:** Stainless steel mounting screws and latch hardware allow access to electrical components for installation and servicing.

Optics

DISTRIBUTION: Primary downlight distribution offers a choice of eight (8) high efficiency AccuLED optical systems, featuring patented designs that maximize light collection and directional distribution onto the application region. Each optical lens is precision manufactured via injection molding then precisely arranged and sealed on the board media. Optional uplight LED distribution features a diffuse soft glow for enhancing architectural scenes or accentuating structural features. **LED's:** High output LED's, 50,000+ hours life at >70% lumen maintenance, offered standard in 4000K (+/- 275K) CCT and >70 CRI.

Electrical

DRIVER: LED drivers are potted and heat sunk for optimal performance and prolonged life. Standard drivers feature electronic universal voltage (120-277V/50-60Hz), greater than 0.9 power factor, less than 20% harmonic distortion and feature ambient temperature range of +40°C (104°F) down to minimum starting temperature of -30°C (-22°F). Shipped standard with Cooper Lighting proprietary circuit module designed to withstand 10kV of transient line surge. Options to control light levels, energy savings and egress capabilities (battery pack and separate circuit) are available. All LED LightBARS™ and drivers are mounted to a primary mounting plate and are easily replaced by use of quick disconnects for ease of wiring.

Mounting

JUNCTION BOX: Standard with zinc plated quick-mount junction box plate that mounts directly to 4" J-Box. LightBARS mount facing downward. Fixture slides over mounting plate and is secured with two (2) stainless steel fasteners. Mounting plate features a one-piece EPDM gasket on back side of plate to firmly seal fixture to wall surface, forbidding entry of moisture and particulates. Optional mounting arrangements utilize a die-cast mounting adaptor box to allow for LED battery pack, surface conduit and through branch wiring. Entri LED is approved for mounting on combustible surfaces.

Finish

Housing is finished in 5 stage super premium TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. LightBAR™ cover plates are standard white and may be specified to match finish of luminaire housing. Standard colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available. Consult Outdoor Architectural Colors brochure for a complete selection.

Warranty

Entri LED features a 5 year limited warranty.



ENC
ENTRI LED
ROUND CLEAN

1-2 LightBARS
Solid State LED

ARCHITECTURAL WALL
LUMINAIRE

Sustainable Design

CERTIFICATION DATA

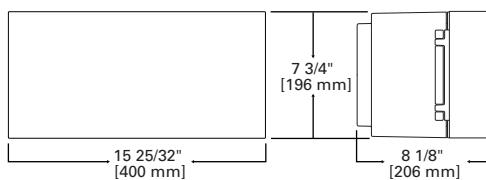
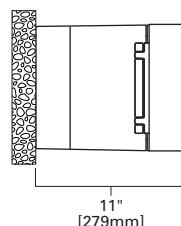
40°C Ambient Temperature Rating
U.L. and cUL Listed
ISO 9001
IP66 LightBARS
ARRA Compliant
LM79 / LM80 Compliant

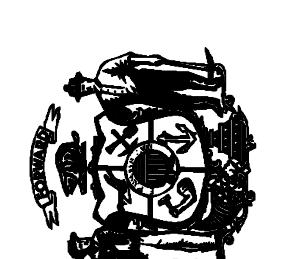
ENERGY DATA

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

SHIPPING DATA

Approximate Net Weight:
16 lbs. (7.3 kgs.)

DIMENSIONS

CONDUIT MOUNT / BATTERY BACK BOX


UDC SUBMITTAL SET
OCTOBER 13, 2010
NOT FOR CONSTRUCTIONState of Wisconsin
Department of Administration
Division of State FacilitiesATHLETICS HOCKEY/SWIMMING
FACILITY - KOHL CENTER
UNIVERSITY OF WISCONSIN - MADISON
DETAILED SITE PLANTING PLANSProject Title: ATHLETICS HOCKEY/SWIMMING
FACILITY - KOHL CENTER
Project Location: UNIVERSITY OF WISCONSIN - MADISON, WISCONSIN
Sheet Title: DETAILED SITE PLANTING PLANS

Revisions:

No. Date Description

Graphic Scale 0' 2' 4' 6' 12'
 DSF Number 09B1U
 Set Type UDC SUBMITTAL
 Date Issued 10/13/2010
 Sheet Number L303

LEGEND

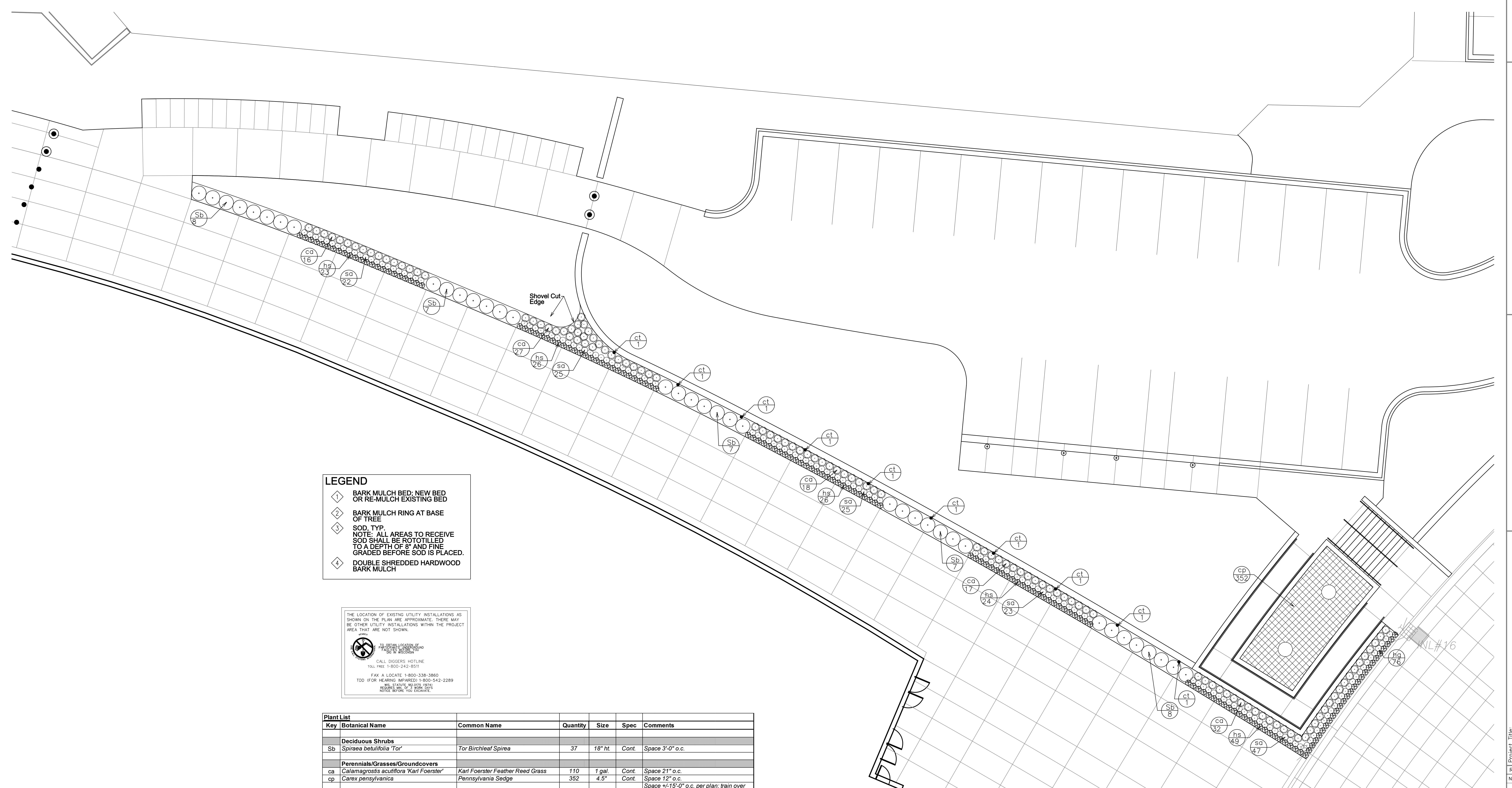
① BARK MULCH BED: NEW BED OR RE-MULCH EXISTING BED
 ② BARK MULCH RING AT BASE OF TREE
 ③ SOD, TYP.
 NOTE: ALL AREAS TO RECEIVE SOD SHALL BE ROTOTILLED TO A MAX. DEPTH OF 3" AND THEN GRADED BEFORE SOD IS PLACED.
 ④ DOUBLE SHREDDED HARDWOOD BARK MULCH

THE LOCATION OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
 TO OBTAIN LOCATION OF EXISTING UTILITY INSTALLATIONS, CALL DIGGER'S HOTLINE TOLL FREE 1-800-242-8511.
 FAX A LOCATE 1-800-338-3860 (FOR HEARING IMPAIRED) 1-800-542-2289
 TDD TOLL FREE 1-800-242-8511
 NOTICE: MIN. OF 5 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

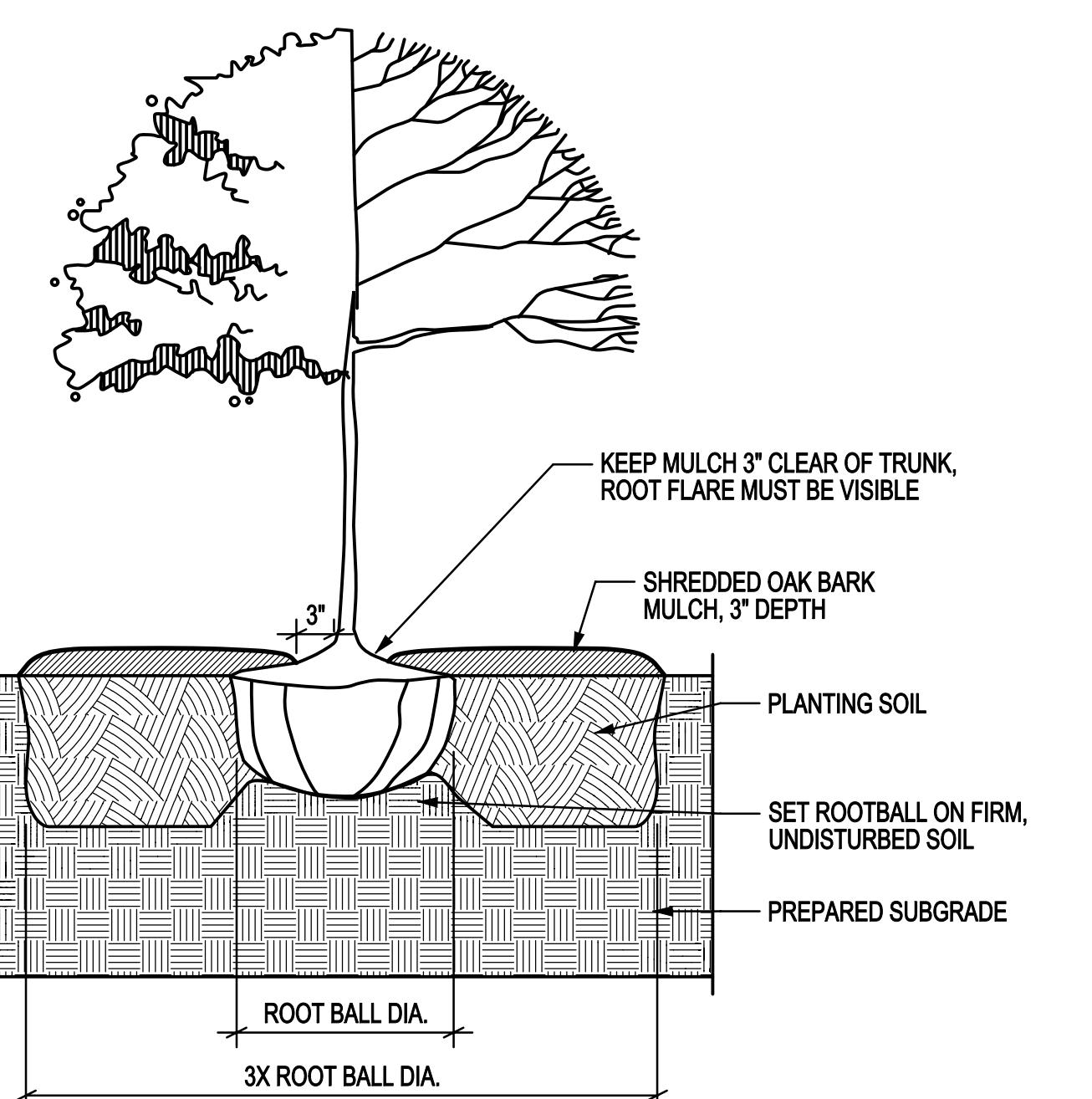
Key	Botanical Name	Common Name	Quantity	Size	Spec	Comments
Deciduous Shrubs						
Sb	<i>Spiraea betulifolia 'Tor'</i>	Birchleaf Spirea	37	18" ht	Cont.	Space 3'-0" o.c.
Perennials/Grasses/Groundcovers						
ca	<i>Calamagrostis acutiflora 'Karl Foerster'</i>	Karl Foerster Feather Reed Grass	110	1 gal.	Cont.	Space 21" o.c.
cp	<i>Carex pensylvanica</i>	Pennsylvania Sedge	352	4.5"	Cont.	Space 12" o.c.
ct	<i>Clematis terniflora</i>	Sweet Autumn Clematis	10	1 gal.	Cont.	Space 4'-15"-0" o.c. per plan; train over top of v to cascade down face
hs	<i>Hemerocallis 'Ruby Stella'</i>	Ruby Stella Daylily	148	4.5"	Cont.	Space 15" o.c.
sa	<i>Sedum 'Autumn Fire'</i>	Autumn Fire Sedum	142	4.5"	Cont.	Space 15" o.c.

1 DETAILED PLANTING PLAN - PLAZA
L303

SCALE: $\frac{1}{8}$ " = 1'-0"

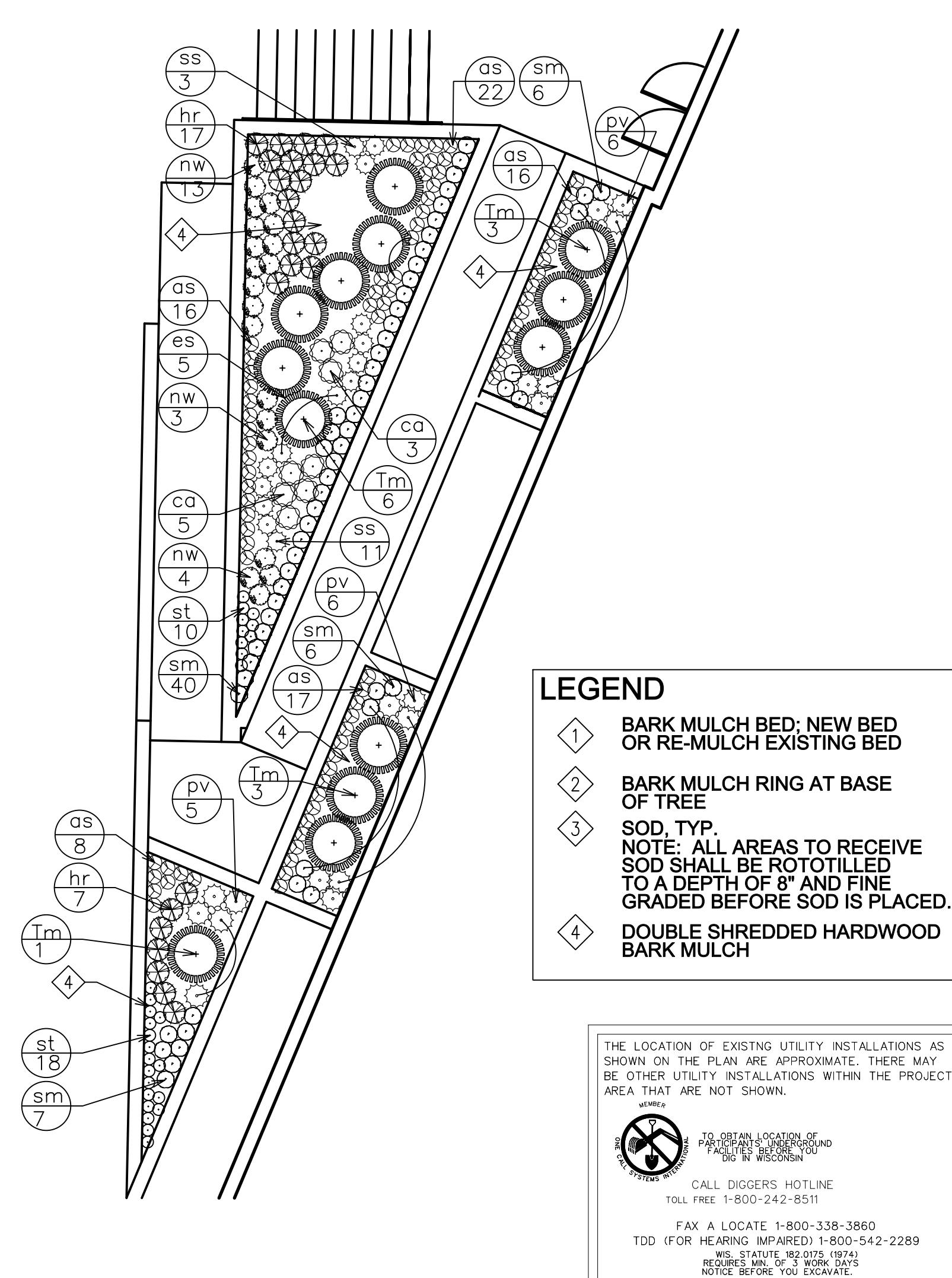


**UDC SUBMITTAL SET
OCTOBER 13, 2010
NOT FOR CONSTRUCTION**



3
L302 **TREE PLANTING DETAIL**

SCALE: N.T.S.



LEGEND

- 1 BARK MULCH BED: NEW BED OR RE-MULCH EXISTING BED
- 2 BARK MULCH RING AT BASE OF TREE
- 3 SOD, TYP.
NOT ALL AREAS TO RECEIVE SOD SHALL BE ROTOTILLED TO A DEPTH OF 8" AND FINE GRADED BEFORE SOD IS PLACED.
- 4 DOUBLE SHREDDED HARDWOOD BARK MULCH

THE LOCATION OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

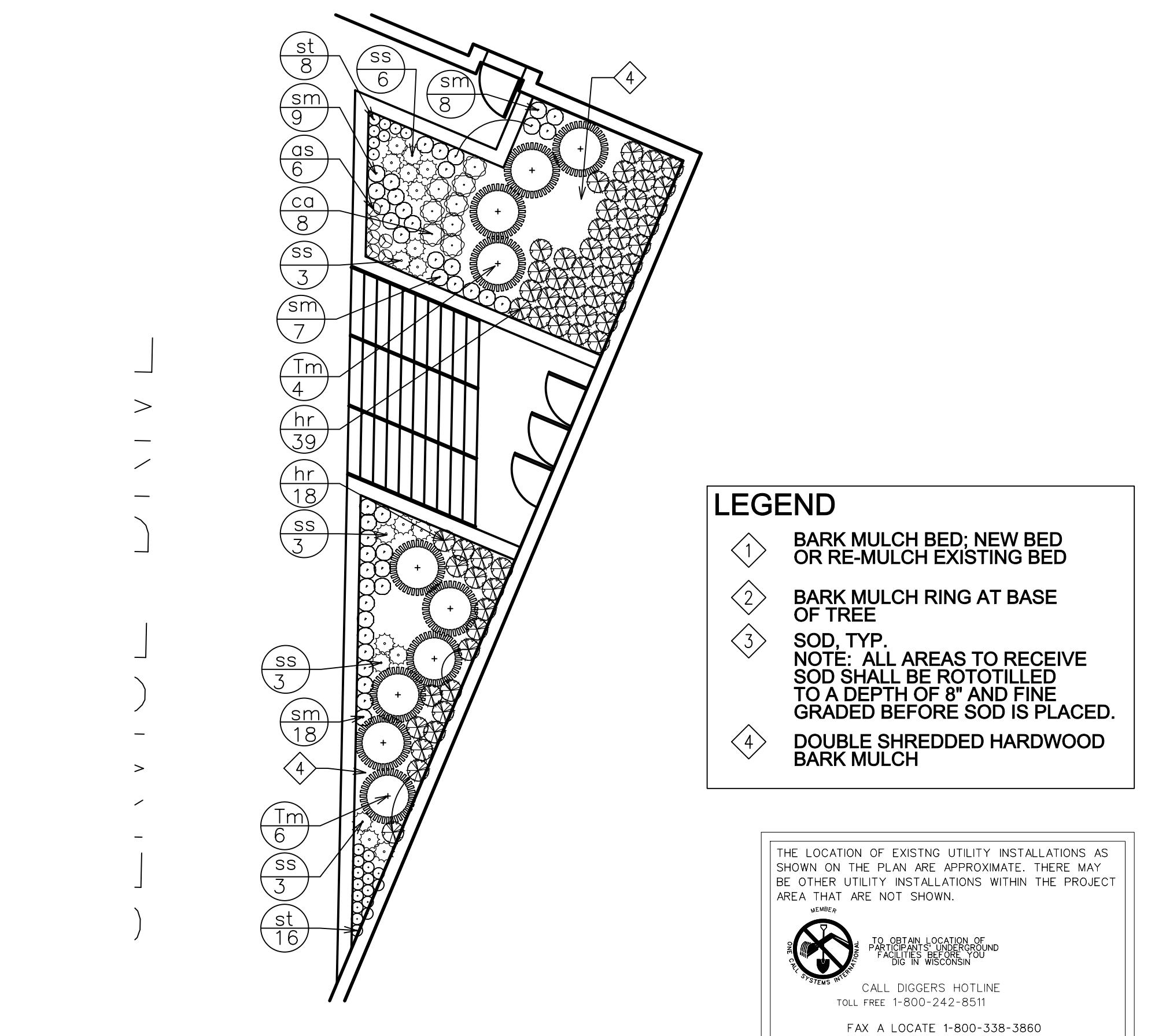
TO OBTAIN LOCATION OF EXISTING UTILITY INSTALLATIONS, CALL DISCERF HOTLINE TOLL FREE 1-800-242-8511

FAX A LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289
REQUIRES MIN. 5 WORK DAYS
NOTICE BEFORE YOU EXCAVATE

Key	Botanical Name	Common Name	Quantity	Size	Spec	Comments
Evergreen Shrubs						
Tm	<i>Taxus x media 'Tauntonii'</i>	Taunton Yew	13	18" spr.	Cont.	Space 4'-0" o.c.
Perennials/Grasses/Groundcovers						
as	<i>Allium 'Summer Beauty'</i>	Summer Beauty Allium	79	1 gal.	Cont.	Space 12" o.c.
ca	<i>Calamagrostis acutiflora 'Karl Foerster'</i>	Karl Foerster Feather Reed Grass	8	1 gal.	Cont.	Space 21" o.c.
hr	<i>Hemerocallis 'Ruby Throat'</i>	Ruby Throat Daylily	24	1 gal.	Cont.	Space 18" o.c.
rw	<i>Nepeta faassenii 'Walker's Low'</i>	Walker's Low Catmint	17	1 gal.	Cont.	Space 18" o.c.
pv	<i>Panicum virgatum 'Heavy Metal'</i>	Heavy Metal Switchgrass	12	1 gal.	Cont.	Space 21" o.c.
sm	<i>Salvia nemorosa 'May Night'</i>	May Night Salvia	59	1 gal.	Cont.	Space 15" o.c.
ss	<i>Schizachyrium scoparium 'The Blues'</i>	The Blues Little Bluestem	14	1 gal.	Cont.	Space 18" o.c.
st	<i>Sedum telephium 'Red Cauli'</i>	Red Cauli Stonecrop	28	1 gal.	Cont.	Space 10" o.c.

1
L302 **DETAILED PLANTING PLAN - WEST ENTRY**

SCALE: $\frac{1}{8}$ " = 1'-0"



LEGEND

- 1 BARK MULCH BED: NEW BED OR RE-MULCH EXISTING BED
- 2 BARK MULCH RING AT BASE OF TREE
- 3 SOD, TYP.
NOT ALL AREAS TO RECEIVE SOD SHALL BE ROTOTILLED TO A DEPTH OF 8" AND FINE GRADED BEFORE SOD IS PLACED.
- 4 DOUBLE SHREDDED HARDWOOD BARK MULCH

THE LOCATION OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

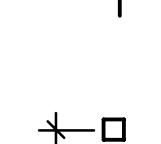
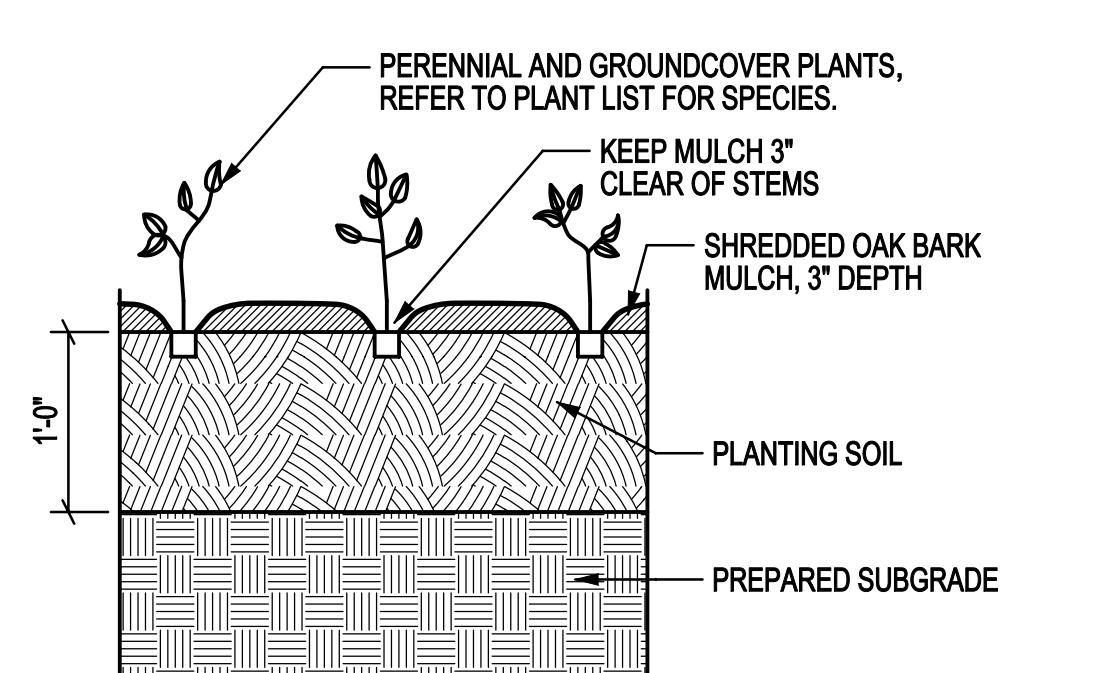
TO OBTAIN LOCATION OF EXISTING UTILITY INSTALLATIONS, CALL DISCERF HOTLINE TOLL FREE 1-800-242-8511

FAX A LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289
REQUIRES MIN. 5 WORK DAYS
NOTICE BEFORE YOU EXCAVATE

Key	Botanical Name	Common Name	Quantity	Size	Spec	Comments
Evergreen Shrubs						
Tm	<i>Taxus x media 'Tauntonii'</i>	Taunton Yew	10	18" spr.	Cont.	Space 4'-0" o.c.
Perennials/Grasses/Groundcovers						
as	<i>Allium 'Summer Beauty'</i>	Summer Beauty Allium	6	1 gal.	Cont.	Space 12" o.c.
ca	<i>Calamagrostis acutiflora 'Karl Foerster'</i>	Karl Foerster Feather Reed Grass	8	1 gal.	Cont.	Space 21" o.c.
hr	<i>Hemerocallis 'Ruby Throat'</i>	Ruby Throat Daylily	57	1 gal.	Cont.	Space 18" o.c.
rw	<i>Nepeta faassenii 'Walker's Low'</i>	Walker's Low Catmint	42	1 gal.	Cont.	Space 15" o.c.
sm	<i>Salvia nemorosa 'May Night'</i>	May Night Salvia	18	1 gal.	Cont.	Space 18" o.c.
st	<i>Schizachyrium scoparium 'The Blues'</i>	The Blues Little Bluestem	24	1 gal.	Cont.	Space 10" o.c.

2
L302 **DETAILED PLANTING PLAN - WEST ENTRY**

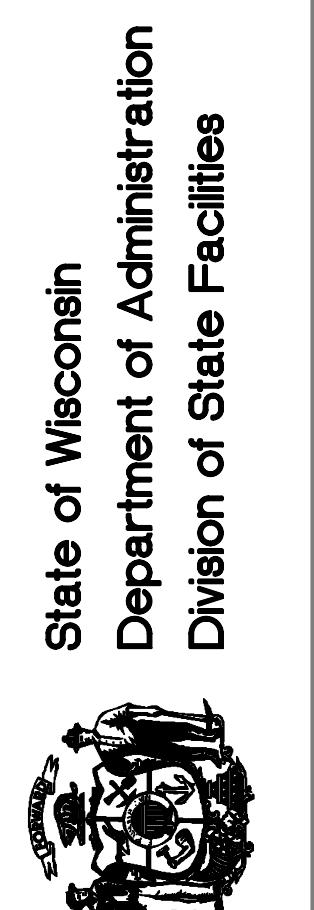
SCALE: $\frac{1}{8}$ " = 1'-0"



* REFER TO PLANT LIST FOR PLANT SPACING.

6
L302 **PERENNIAL PLANTING DETAIL**

SCALE: N.T.S.



Agency / Institution:

UNIVERSITY OF WISCONSIN - MADISON

601 WEST DAYTON; MADISON, WI 53715

Division of State Facilities

Division of State Administration

State of Wisconsin

State

Project Title:

ATHLETICS HOCKEY/SWIMMING

FACILITY - KOHL CENTER

Project Location:

UNIVERSITY OF WISCONSIN - MADISON

Project Number:

09B1U

Revisions:

No. Date Description:

09B1U

UDC SUBMITTAL SET
OCTOBER 13, 2010
NOT FOR CONSTRUCTION

State of Wisconsin
Department of Administration
Division of State Facilities

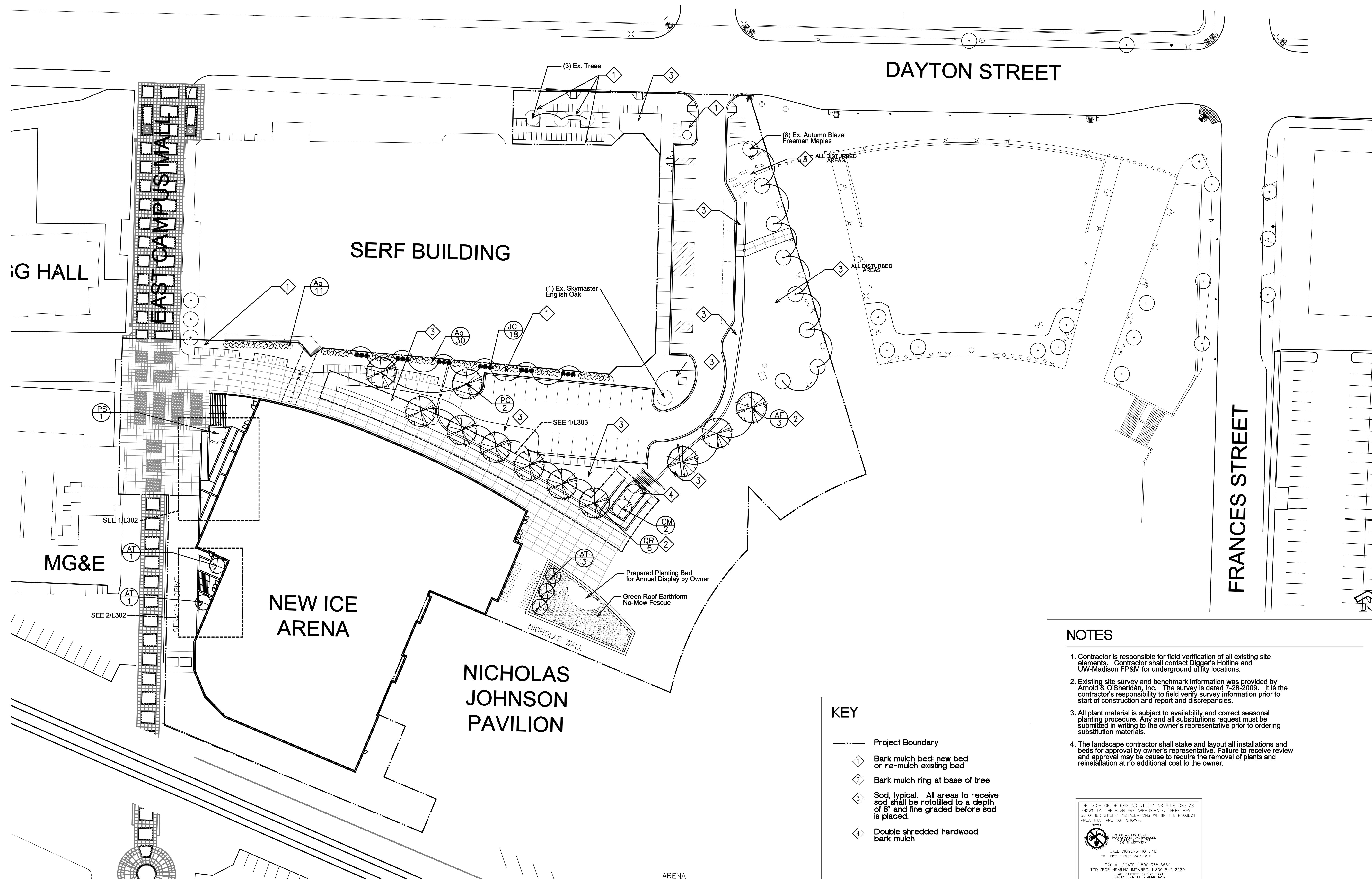


Project Location: **UNIVERSITY OF WISCONSIN - MADISON
MADISON, WISCONSIN**

Sheet Title: **SITE PLANTING PLAN**

ions:

nic
0' 15' 30' 45'
ber
09B1U
UDC SUBMITTAL
10/13/2010
L301



DAYTON STREET

SERF BUILDING

FRANCES STREET

KEY

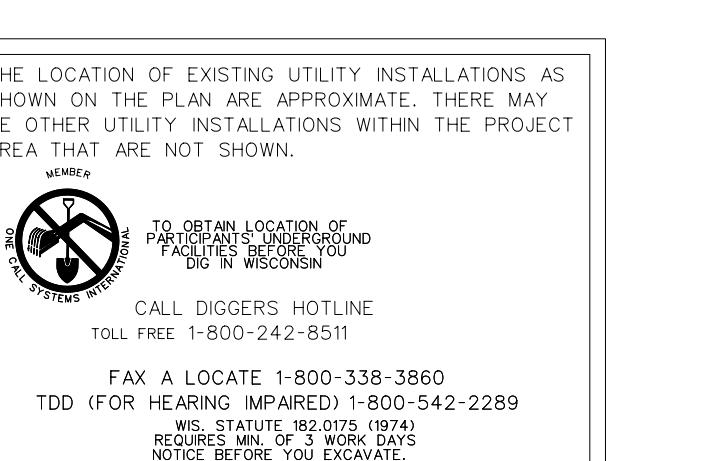
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Project Boundary

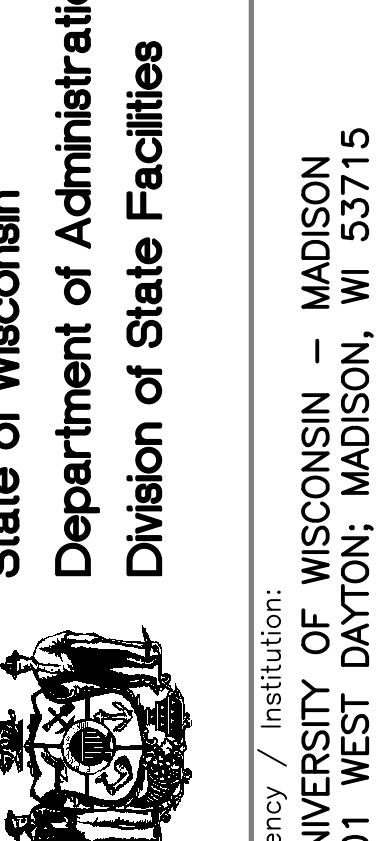
- 1** Bark mulch bed; new bed or re-mulch existing bed
- 2** Bark mulch ring at base of tree
- 3** Sod, typical. All areas to receive sod shall be rototilled to a depth of 8" and fine graded before sod is placed.
- 4** Double shredded hardwood bark mulch

NOTES

1. Contractor is responsible for field verification of all existing site elements. Contractor shall contact Digger's Hotline and UW-Madison FP&M for underground utility locations.
2. Existing site survey and benchmark information was provided by Arnold & O'Sheridan, Inc. The survey is dated 7-28-2009. It is the contractor's responsibility to field verify survey information prior to start of construction and report any discrepancies.
3. All plant material is subject to availability and correct seasonal planting procedure. Any and all substitutions request must be submitted in writing to the owner's representative prior to ordering substitution materials.
4. The landscape contractor shall stake and layout all installations and beds for approval by owner's representative. Failure to receive review and approval may be cause to require the removal of plants and reinstallation at no additional cost to the owner.



Plant List						
Key	Botanical Name	Common Name	Quantity	Size	Spec	Comments
	Deciduous Trees					
AT	<i>Acer triflorum</i>	Three-Flowered Maple	5	8' Ht.	B&B	Multistem, specimen form w/excellent branching habit and form
AF	<i>Acer x. freemanii 'Autumn Blaze'</i>	Autumn Blaze Freeman Maple	3	4" Cal.	B&B	Branching shall start at 7'-0"; Match form of Ex. Freeman Maples; Space 35' o.c.
CM	<i>Cornus mas 'Golden Glory'</i>	Golden Glory Cornelian Cherry Dogwood	2	6' Ht.	B&B	Multistem, nursery stock shall have been trained and pruned to ultimately mature into tree form
PC	<i>Pyrus calleryana 'Chanticleer'</i>	Chanticleer Flowering Pear	2	2.5" Cal.	B&B	Match specimens; branching shall start at 5'-0"
QR	<i>Quercus robur 'Skymaster'</i>	Skymaster English Oak	6	4" Cal.	B&B	Branching shall start at 7'-0"; Space 30' o.c.
	Evergreen Trees					
PS	<i>Pinus sylvestris 'Watereri'</i>	Walter Pine	1	6' Ht.	B&B	Branching shall start at 2'-0"; Specimen form
JC	<i>Juniperus chinensis 'Iowa'</i>	Iowa Juniper	18	6' Ht.	B&B	Match specimens
	Deciduous Shrubs					
Aa	<i>Aronia arbutifolia 'Brilliantissima'</i>	Red Chokeberry	41	3' Ht.	Cont.	Space 5'-0" o.c.

UDC SUBMITTAL SET
OCTOBER 13, 2010
NOT FOR CONSTRUCTIONProject Title: ATHLETICS HOCKEY/SWIMMING
FACILITY - KOHL CENTER
Project Location: UNIVERSITY OF WISCONSIN - MADISON
Sheet Title: SITE LAYOUT PLAN

Revisions:

No. Date Description:

Graphic Scale	0' 10' 20' 30'
DSF Number	09B1U
Set Type	UDC SUBMITTAL
Date Issued	10/13/2010
Sheet Number	L201

KEY
— Project Boundary

NOTES

1. Contractor is responsible for field verification of all existing site elements. Contractor shall contact Digger's Hotline and UW-Madison FP&M for underground utility locations.
2. Existing site survey and benchmark information was provided by Arnold & O'Sheridan, Inc. The survey is dated 7-28-2009. It is the contractor's responsibility to field verify survey information prior to start of construction and report any discrepancies.
3. Site shall be staked by contractor for horizontal and vertical alignments.
4. Contractor shall arrange for layout approval with owner's representative providing a minimum of two (2) working days notice prior to any execution of work. Failure to receive review and approval may be cause to require the removal of installed site work and reinstallation at no additional cost to the owner.
5. Any deviations from or modifications of layout and dimensions shown on this plan shall require prior written approval by the owner's representative.
6. Contractor shall place all concrete control joints to match pattern as shown. Concrete control joints in Kohl Center plaza shall match existing plaza pattern.
7. Contractor is responsible for any construction related damage at no cost to the owner.

THE LOCATION OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
TO OBTAIN LOCATION OF EXISTING UTILITY INSTALLATIONS, CALL DIGGERS HOTLINE
TOLL FREE 1-800-424-8511
FAX A LOCATE 1-800-338-3860
(FOR HEARING IMPAIRED) TDD 1-800-542-2289
REQUIRES MIN. OF 7 WORK DAYS
NOTICE BEFORE YOU EXCAVATE

SERF BUILDING

HALL


MG&E

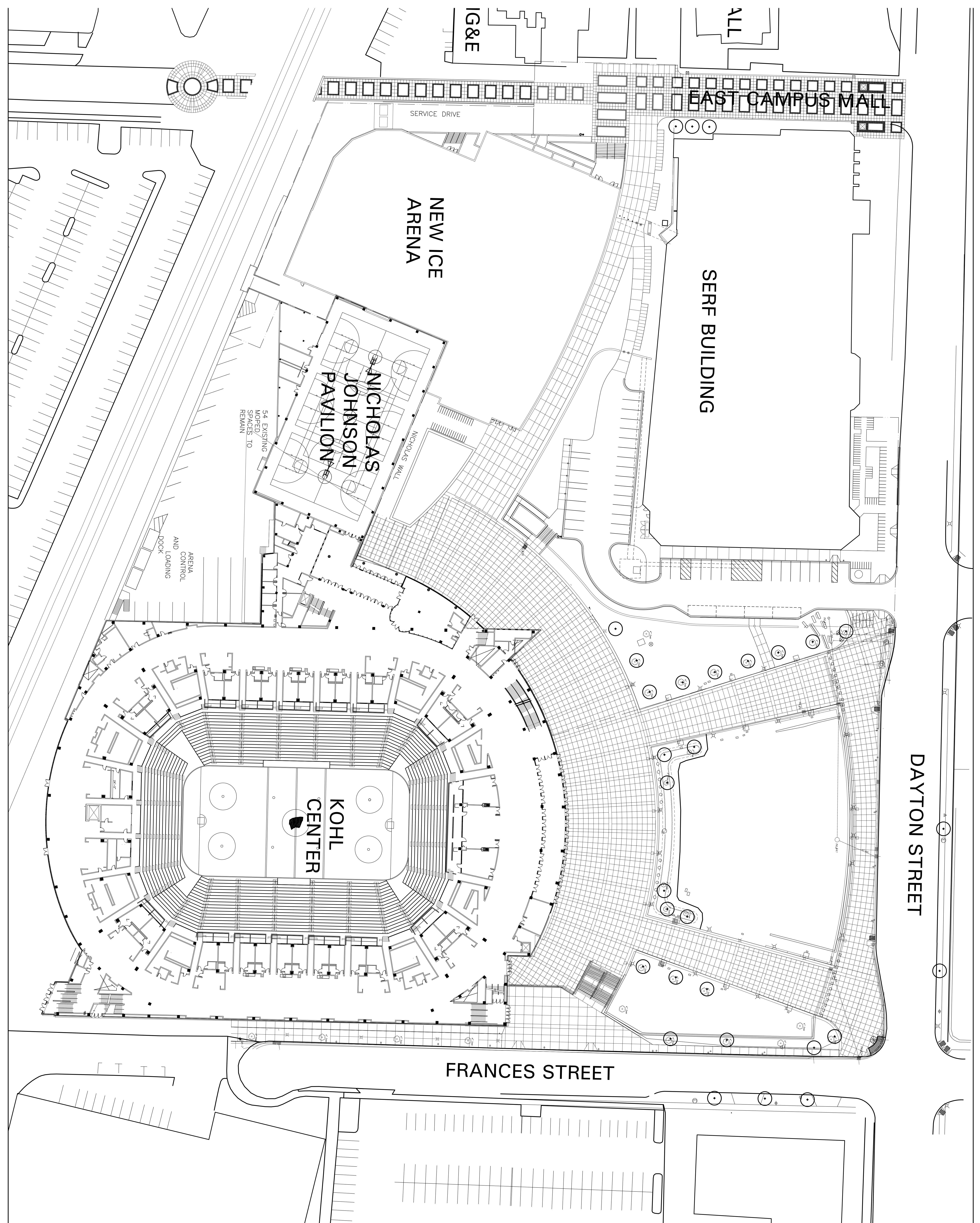
NEW ICE
ARENANICHOLAS
JOHNSON
PAVILION

SERVICE DRIVE

Match Line

Match Line





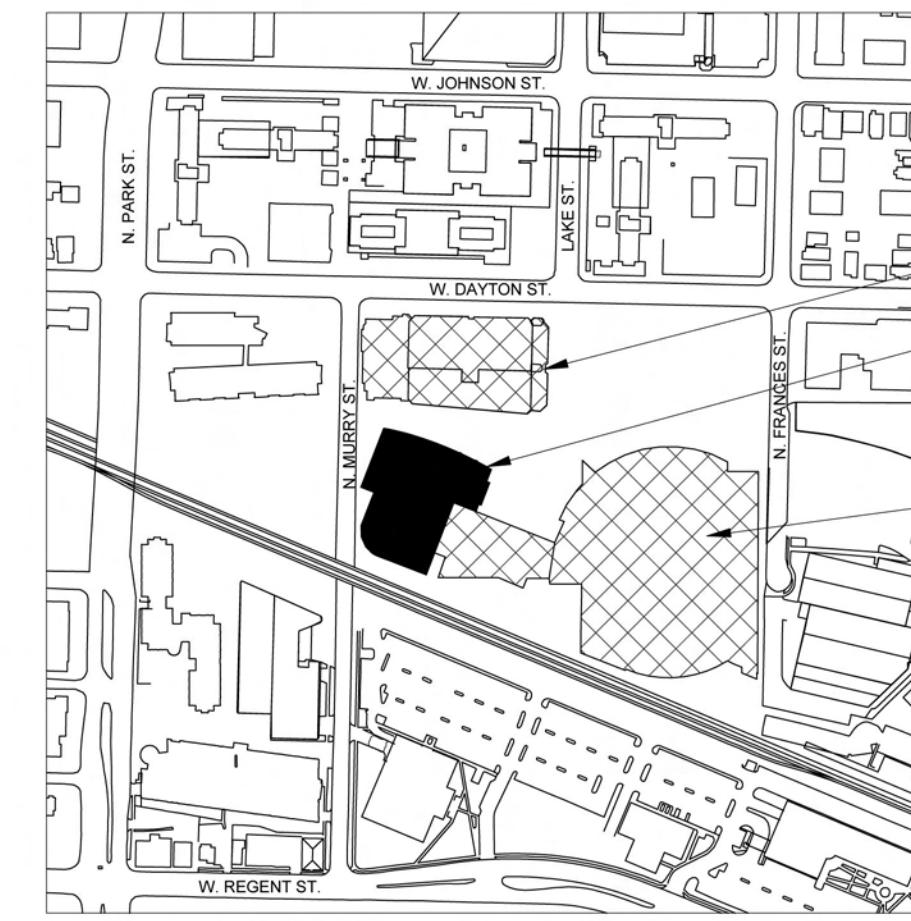
Revision:	Date:	Description:	Sheet Title:	State of Wisconsin	UDC SUBMITTAL SET	Comments:
			ATHLETICS HOCKEY / SWIMMING FACILITY - KOHL CENTER	State of Wisconsin Department of Administration Division of State Facilities	OCTOBER 13, 2010	
DSF	09B1U		UNIVERSITY OF WISCONSIN - MADISON MADISON, WISCONSIN		NOT FOR CONSTRUCTION	
Set			SITE PLAN	UNIVERSITY OF WISCONSIN - MADISON 601 WEST DAYTON; MADISON, WI 53715		
Type	UDC SUBMITTAL					
Date Issued	10/13/2010					
Sheet Number	G0.00					

ATHLETICS HOCKEY / SWIMMING FACILITY - KOHL CENTER

FOR:
 THE STATE OF WISCONSIN
 DEPARTMENT OF ADMINISTRATION
 DIVISION OF STATE FACILITIES
 STATE OF WISCONSIN ADMINISTRATION
 BUILDING - 7TH FLOOR
 101 EAST WILSON STREET
 P.O. 7866
 MADISON, WISCONSIN 53707

FOR:
 UNIVERSITY OF WISCONSIN - MADISON ATHLETICS
 MADISON, WISCONSIN

DSF PROJECT No. 09B1U
 KAHLER SLATER PROJECT No. 209080



UDC SUBMITTAL SET

OCTOBER 13, 2010



UDC SUBMITTAL DRAWINGS

G0.000 COVER SHEET - UDC SUBMITTAL SET
 G0.00 SITE PLAN
 C300 SITE PAVING
 L201 SITE LAYOUT PLAN
 L301 SITE PLANTING PLAN
 L302 DETAILED SITE PLANTING PLANS
 L303 DETAILED SITE PLANTING PLANS
 A1.1LL OVERALL FLOOR PLAN LOWER LEVEL
 A1.1LLe FLOOR PLAN - LOWER LEVEL - AREA E
 A1.1Lf FLOOR PLAN - LOWER LEVEL - AREA F
 A1.1Llg FLOOR PLAN - LOWER LEVEL - AREA G
 A1.1Llh FLOOR PLAN - MAIN CONCOURSE - AREA H
 A1.1Llj FLOOR PLAN - LOWER LEVEL - AREA J
 A1.1Mg OVERALL FLOOR PLAN - MAIN CONCOURSE
 A1.1Mj FLOOR PLAN - MAIN CONCOURSE - AREA C
 A1.1Mc FLOOR PLAN - MAIN CONCOURSE - AREA H
 A1.1Mj FLOOR PLAN - MAIN CONCOURSE - AREA J
 A1.1Mck FLOOR PLAN - MAIN CONCOURSE - AREA K
 A1.1Mci FLOOR PLAN - MAIN CONCOURSE - AREA L
 A1.102 OVERALL FLOOR PLAN - SECOND FLOOR
 A1.102g FLOOR PLAN - SECOND FLOOR - AREA G
 A1.102h FLOOR PLAN - SECOND FLOOR - AREA H
 A1.102j FLOOR PLAN - SECOND FLOOR - AREA J
 A1.102k FLOOR PLAN - SECOND FLOOR - AREA K
 A1.103 OVERALL FLOOR PLAN - PENTHOUSE
 A1.103g FLOOR PLAN - PENTHOUSE - AREA G
 A1.103h FLOOR PLAN - PENTHOUSE - AREA H
 A1.103j FLOOR PLAN - PENTHOUSE - AREA J
 A1.104 FLOOR PLAN - ROOF - OVERALL
 A2.10 EXTERIOR ELEVATIONS - NORTH & EAST
 A2.11 EXTERIOR ELEVATIONS - SOUTH & WEST
 A2.12 ELECTRICAL SITE PLAN
 E51.10 ELECTRICAL SITE PLAN
 E51.10A ELECTRICAL SITE PLAN
 E51.10B ELECTRICAL SITE PLAN
 E51.11A SITE PLAN DETAILS AND SCHEDULE
 E51.11B SITE PLAN DETAILS AND SCHEDULE
 LIGHT FIXTURE CUT SHEETS

ATHLETICS HOCKEY / SWIMMING
 FACILITY - KOHL CENTER

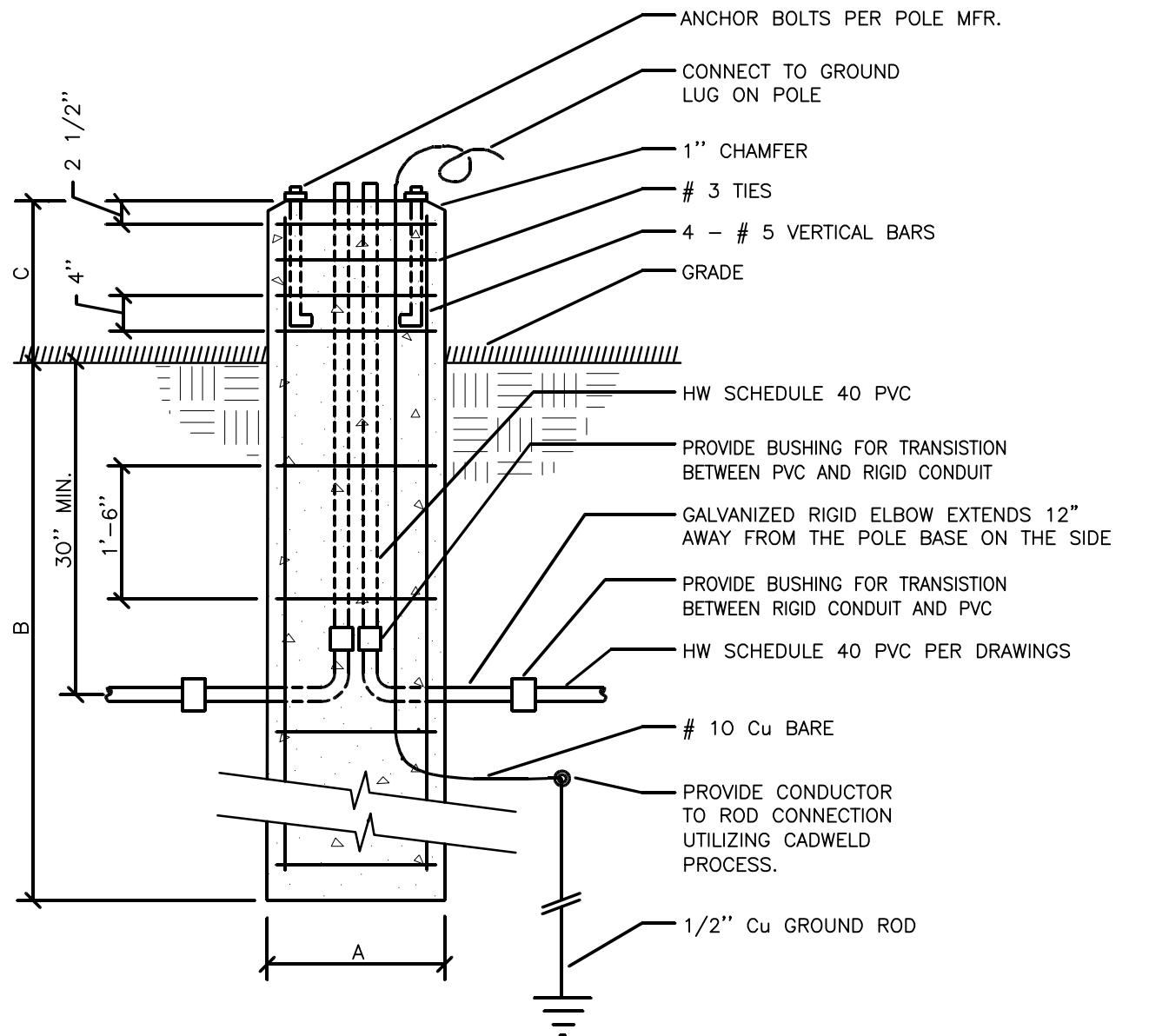
UNIVERSITY OF WISCONSIN - MADISON

MADISON, WISCONSIN

COVER SHEET - UDC SUBMITTAL SET

Revisions:		
No.	Date:	Description:

Graphic Scale	
DSF Number	09B1U
Set Type	UDC SUBMITTAL
Date Issued	10/13/2010
Sheet Number	G0.00D



FIXTURE TYPES OE & OF DIMENSIONS

$$A = 20''$$

$$B = 60''$$

$$C = 18''$$

Fixture Types OE1 & OF1 Dimensions

$$A = 24''$$

$$B = 80''$$

$$C = 18''$$

POLE BASE DETAIL

ES1.11

ES1.11 SCALE: NOT TO SCALE

LIGHTING FIXTURE SCHEDULE

NOTE: SEE SPECIFICATIONS SECTIONS 16501, 16502 AND 16510 FOR ADDITIONAL INFORMATION REGARDING LIGHTING FIXTURE AND INSTALLATION REQUIREMENTS. PROVIDE OPTIONS AND ACCESSORIES REFERENCED BY THE COLUMN TITLED "OPTIONS/ACCESSORIES". MANUFACTURERS LISTED AS ACCEPTABLE SHALL MEET ALL REQUIREMENTS AND FEATURES INDICATED. ACCEPTABLE MANUFACTURERS MUST MEET THE PHOTOMETRIC PERFORMANCE OF THE LISTED UNIT.

BALLAST CODE LISTING: (SEE SPECIFICATION SECTION 26 51 13 FOR ADDITIONAL INFORMATION)

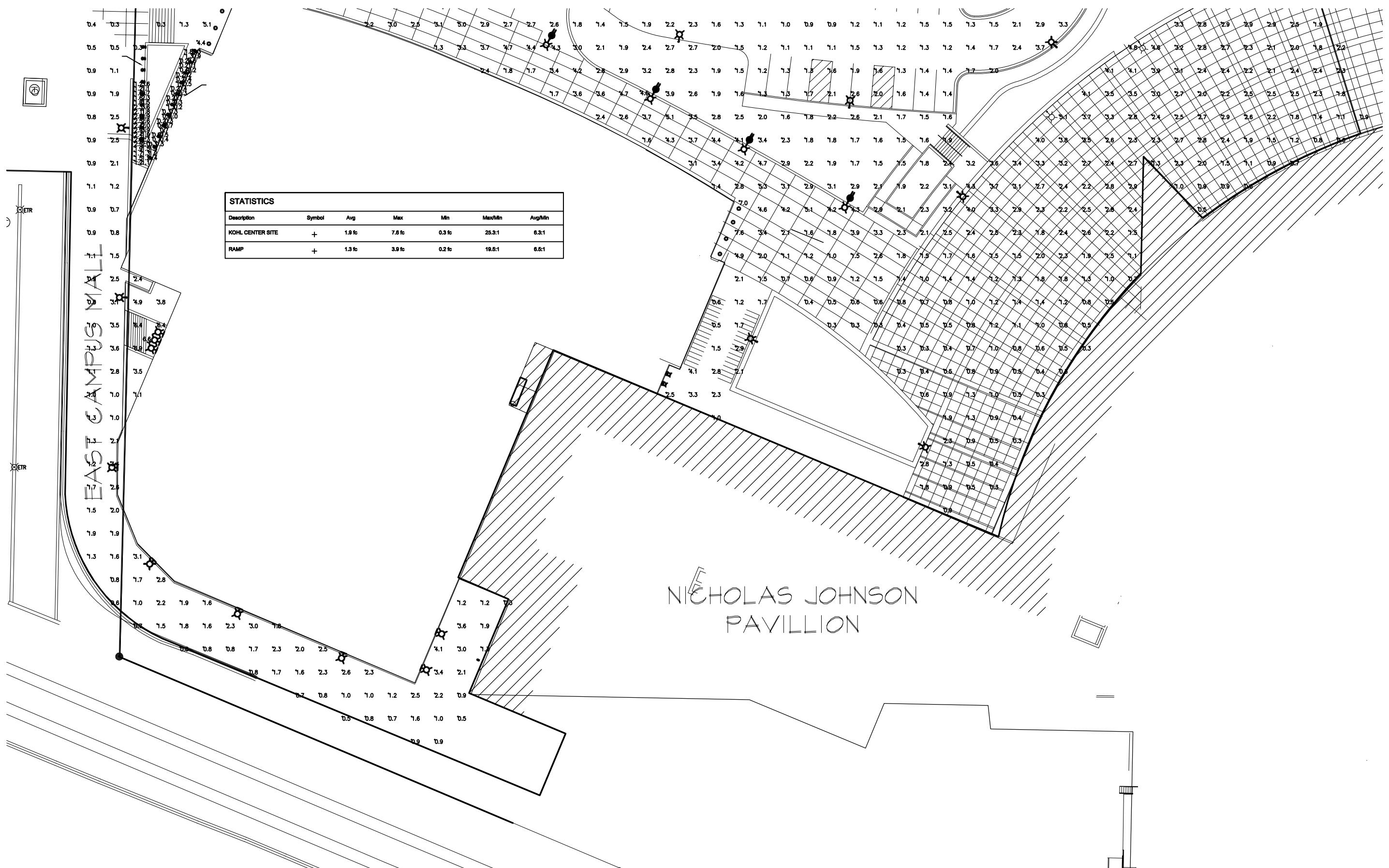
A T4 COMPACT FLUORESCENT PROGRAMMED START, <10% THD BY ADVANCE, UNIVERSAL, SYLVANIA OR EQUAL.
B PULSE START BALLAST AS MANUFACTURED BY SYLVANIA, UNIVERSAL, OR ADVANCE

GENERAL LIGHTING FIXTURE SCHEDULE NOTES:

1. EQUAL FIXTURES BY MANUFACTURER OTHER THAN THOSE LISTED IN THIS SCHEDULE WILL BE ACCEPTED SUBJECT TO A/E REVIEW AND APPROVAL PROCESS. ALL INTERESTED PARTIES SHALL SUBMIT THEIR CUT SHEET PACKAGE WITH EXACT FIXTURE CATALOG NUMBERS INCLUDING ALL ACCESSORIES A MINIMUM OF 10 DAYS BEFORE BIDS ARE DUE FOR REVIEW AND APPROVAL.
2. ONLY BALLAST SERIES IS INDICATED ON THIS SCHEDULE. REFER TO SPECIFICATIONS SECTION 26 51 13 FOR FURTHER INFORMATION. EACH FIXTURE SUBMITTAL SHALL BE PROVIDED WITH FULL BALLAST AND LAMP INFORMATION.
3. EACH FLUORESCENT FIXTURE SHALL BE SUPPLIED WITH QUICK DISCONNECTING MEANS FOR ALL BALLASTS AS REQUIRED BY NEC 410.73 AND AS MANUFACTURED BY THOMAS AND BETTS LD2 OR LD3 OR EQUAL

LIGHTING FIXTURE SCHEDULE NOTES:

1. EC SHALL PROPERLY CLEAN, RELAMP AND REPAINT FIXTURES PRIOR TO REINSTALLING POLES IN NEW LOCATIONS.



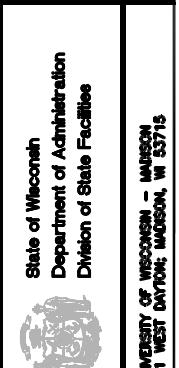
Kahler Slater
experience. design.

311 WEST WISCONSIN AVENUE
MILWAUKEE, WI 53203
Tel: 414-772-2000
Fax: 414-772-2001

Consultant:

**ARNOLD AND
O'NEILLERDAM INC**
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ATHLETICS HOCKEY / SWIMMING
FACILITY - KOHL CENTER
UNIVERSITY OF WISCONSIN - MADISON
MADISON, WISCONSIN
Sheet Title: ELECTRICAL SITE PLAN

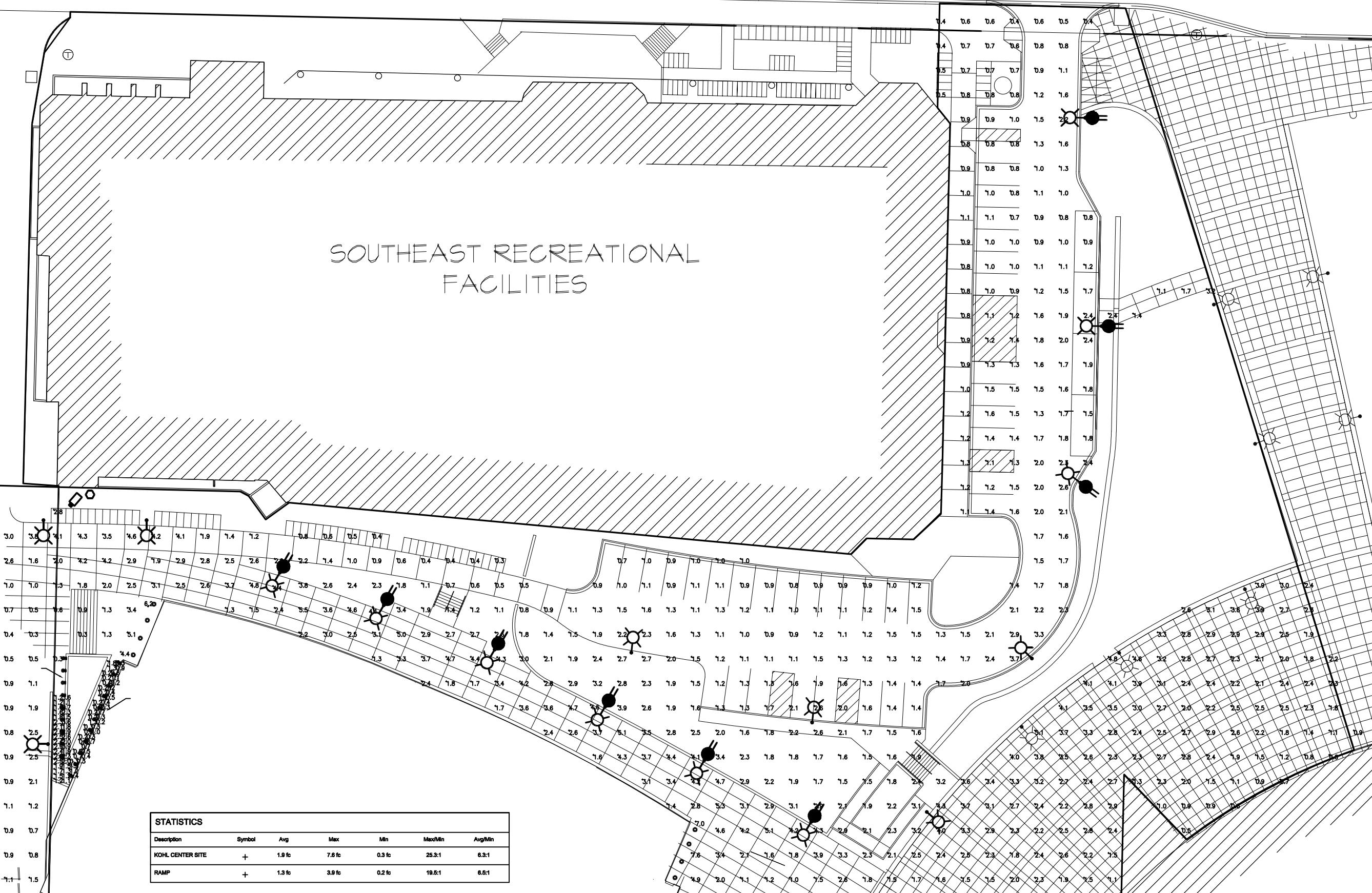
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Set Type: UDC SUBMITTAL
Date Issued: 10/13/2010
Sheet Number: ES1.10B

1
ES1.10B

ELECTRICAL SITE PLAN



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OCTOBER 13, 2010
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UNIVERSITY OF WISCONSIN - MADISON
UNIVERSITY WEST DAYTON MADISON, WI 53715ATHLETICS HOCKEY / SWIMMING
FACILITY - KOHL CENTER
UNIVERSITY OF WISCONSIN - MADISON
MADISON, WISCONSIN
Sheet Title: ELECTRICAL SITE PLANRevision:
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DSF Number 0681U
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Date Issued 10/13/2010
Sheet Number ES1.10ASOUTHEAST RECREATIONAL
FACILITIES

SOUTHEAST RECREATIONAL
FACILITIES

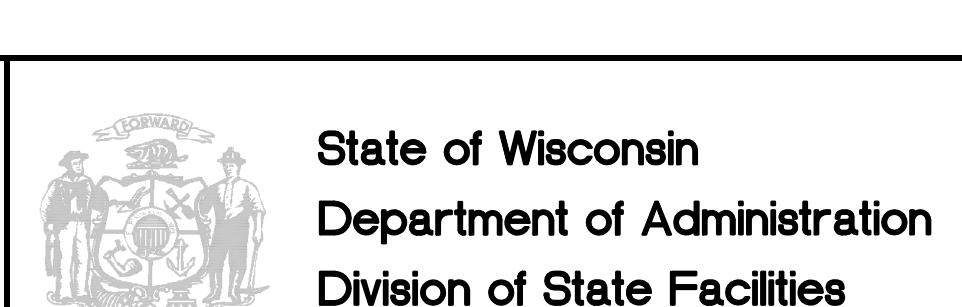
NICHOLAS JOHNSON
PAVILION

1 ELECTRICAL SITE PLAN

Revision:		No. Date:		Description:	
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Sel. Type:		UDC SUBMITTAL			
Date Issued:		10/13/2010			
Sheet Number:		ES1.10			

ATHLETICS HOCKEY / SWIMMING
FACILITY - KOHL CENTER
UNIVERSITY OF WISCONSIN - MADISON
MADISON, WISCONSIN

Sheet Title:
ELECTRICAL SITE PLAN



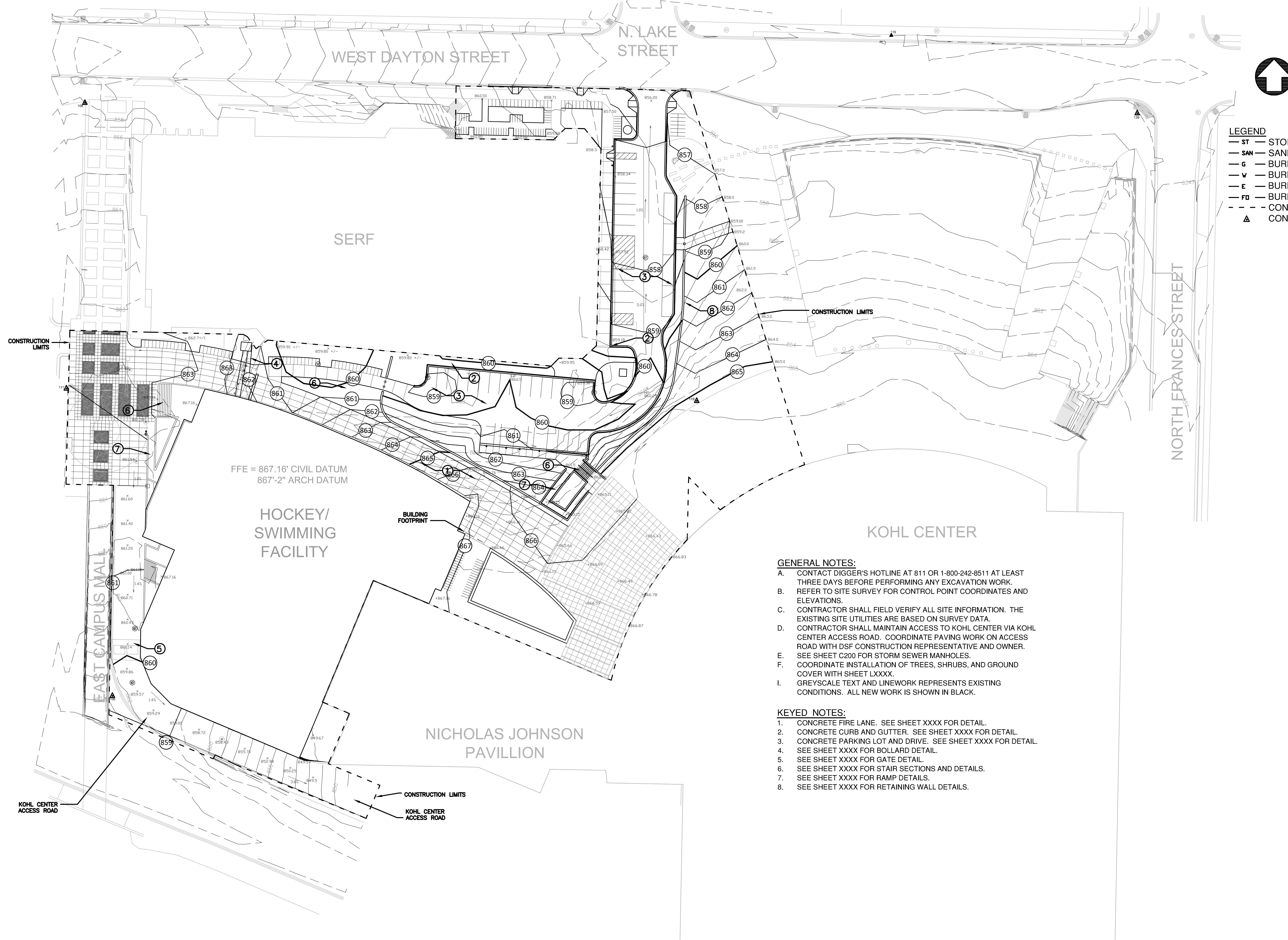
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ATHLETICS HOCKEY / SWIMMING
FACILITY - KOHL CENTER
UNIVERSITY OF WISCONSIN - MADISON
MADISON, WISCONSIN
Sheet No.: C300
Revisions:

No.	Date:	Description:
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DSF Number 09B1U
Set Type UDC SUBMITTAL
Date Issued 10/13/2010
Sheet Number C300



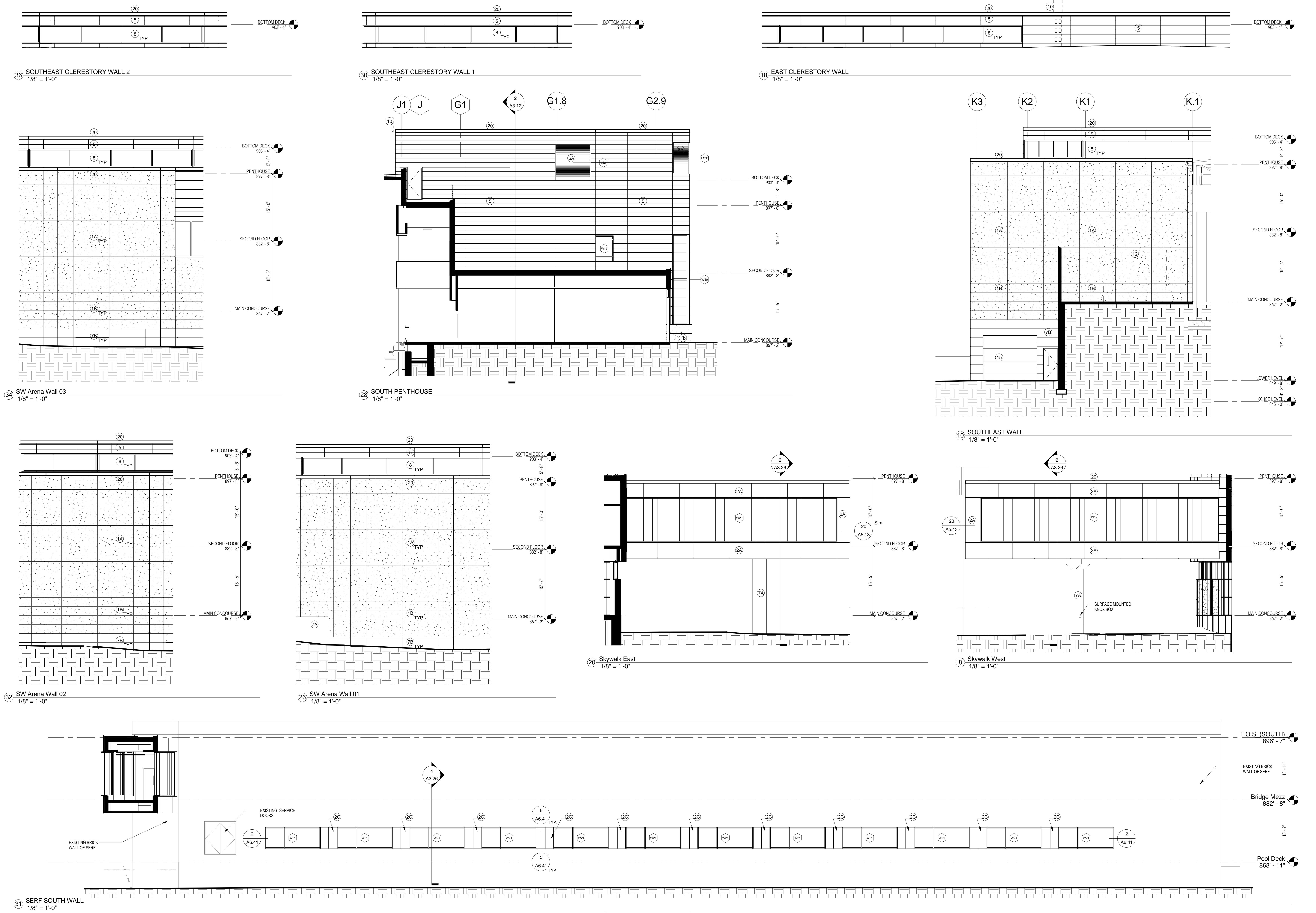
State of Wisconsin

Department of Administration
Division of State Facilities

Madison

UNIVERSITY OF WISCONSIN - MADISON

601 WEST DAYTON, MADISON, WI 53715

UDC SUBMITTAL SET
OCTOBER 13, 2010
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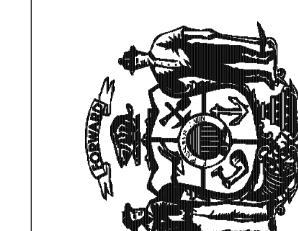
GENERAL ELEVATION NOTES

1. ALL METAL SURFACES EXPOSED TO VIEW, INCLUDING MISCELLANEOUS METALS, PIPING, MECHANICAL EQUIPMENT, LADDERS, STAIRS, RAILINGS, COLUMNS, PLATFORMS ETC. SHALL BE PAINTED TO MATCH STORE FRONT WALL COLOR U.N.O.

KEY NOTES

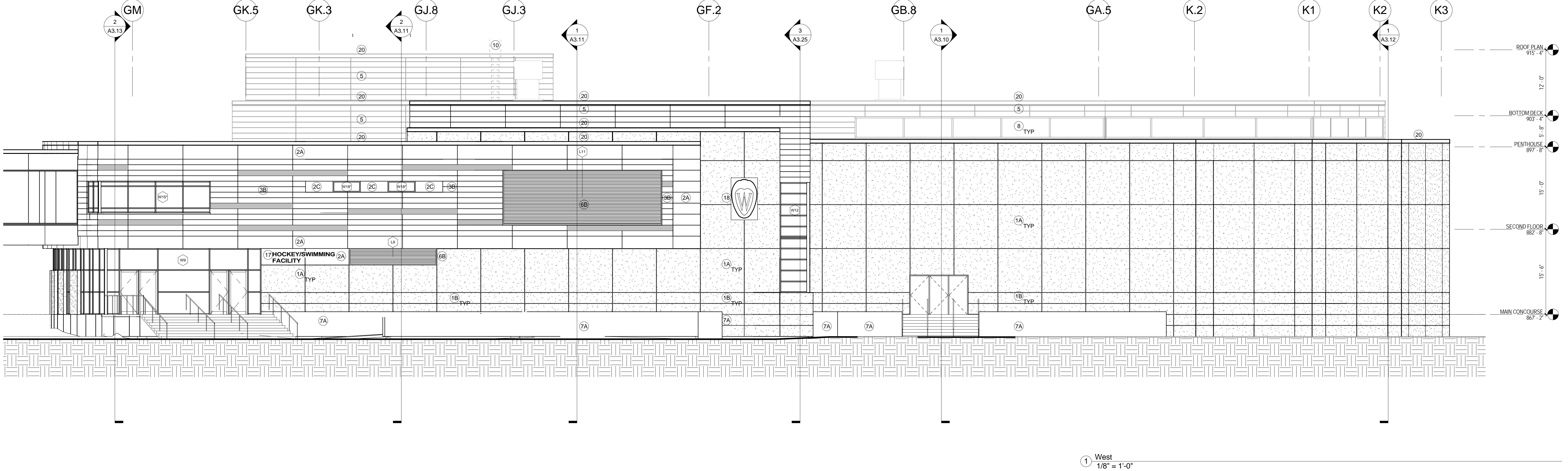
- 1A PRECAST WALL PANEL - FINISH A
- 1B PRECAST WALL PANEL - FINISH B
- 2A 2" INSULATED METAL WALL PANEL - COLOR A
- 2B 2" INSULATED METAL WALL PANEL - COLOR B
- 2C 2" INSULATED METAL WALL PANEL - COLOR C
- 3A 3" INSULATED METAL PANEL & 2" INSULATED METAL PANEL - ALTERNATE BACK AND FORTH
- 4A .
- 5A 1 1/2" METAL WALL PANEL - COLOR A
- 6A METAL LOUVER - COLOR A
- 7A CAST IN PLACE CONCRETE WALL - FINISH A
- 7B CAST IN PLACE CONCRETE WALL - FINISH B
- 8A TRANSLUCENT WALL PANEL
- 9A .
- 10A STEEL LADDER
- 11A STAINLESS STEEL HANDRAIL WITH INTEGRAL DOWNLIGHT
- 12A COOLING TOWER
- 13A .
- 14A .
- 15A INSULATED OVERHEAD SECTIONAL DOOR
- 16A 1 1/2" CORRUGATED METAL WALL PANEL ON PAINTED STEEL FRAMING
- 17A STAINLESS STEEL LETTERS
- 18A UV MADISON CREST-CORDONATE WITH PRECAST CONCRETE MFG & PROVIDE J-BOX FOR LIGHTING
- 19A .
- 20A PREFINISHED METAL COPING

State of Wisconsin
Department of Administration
Division of State Facilities

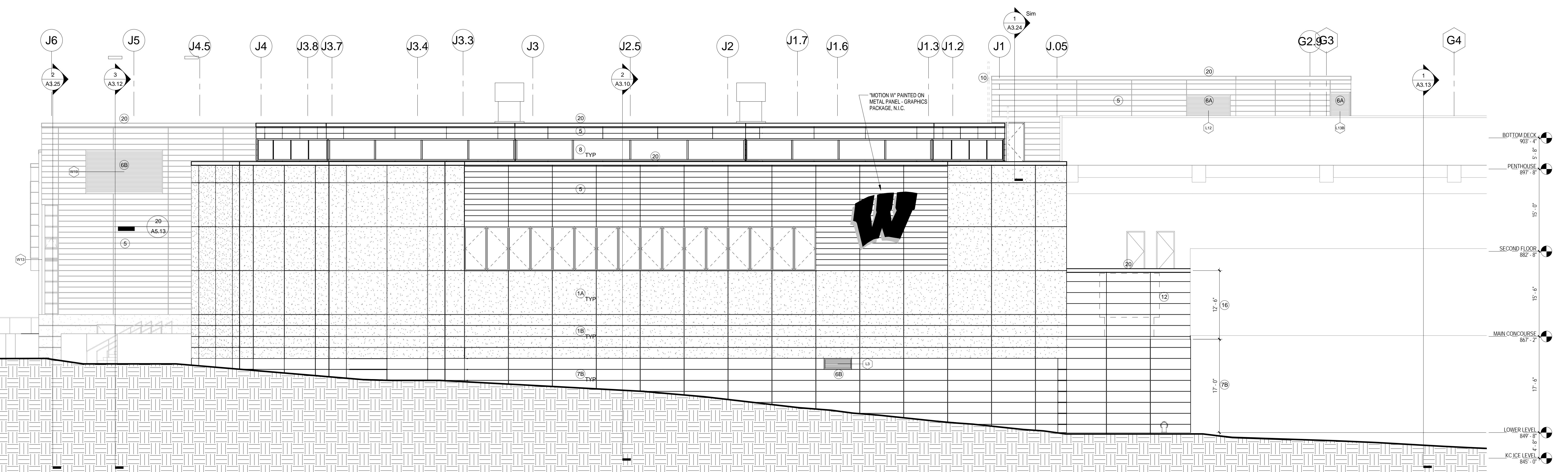


UNIVERSITY OF WISCONSIN - MADISON
601 WEST DAYTON; MADISON, WI 53715
Sheet Title: EXTERIOR ELEVATIONS
Revisions:
No. Date: Description:
10/13/2010

ATHLETICS HOCKEY / SWIMMING
FACILITY - KOHL CENTER
UNIVERSITY OF WISCONSIN - MADISON
MADISON, WISCONSIN
Sheet Title: EXTERIOR ELEVATIONS
Graphic Scale: 09B1U
DSF Number: 09B1U
Set Type: UDC SUBMITTAL
Date Issued: 10/13/2010
Sheet Number: A2.12

UDC SUBMITTAL SET
OCTOBER 13, 2010
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① West
1/8" = 1'-0"



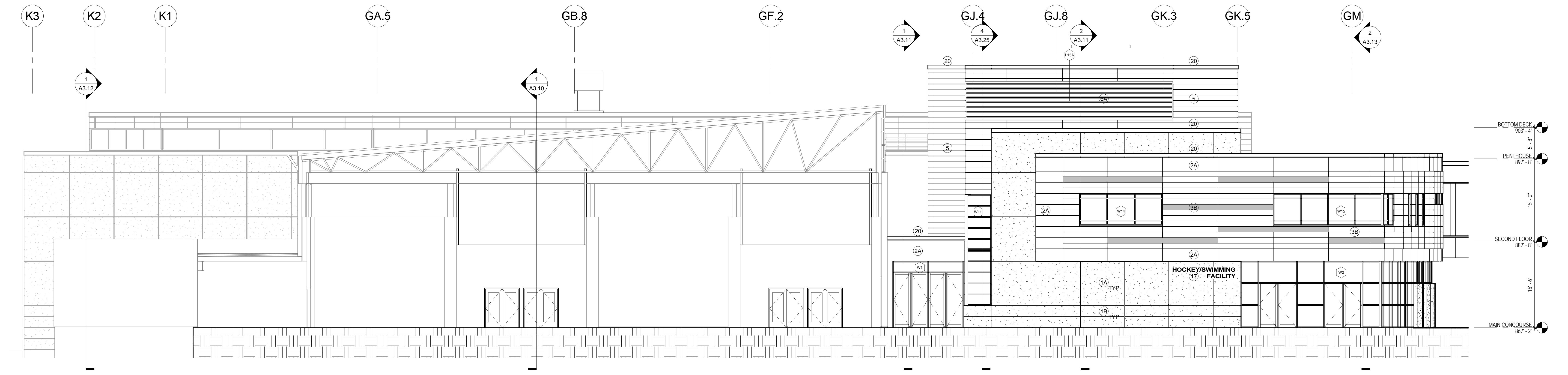
② South
1/8" = 1'-0"

GENERAL ELEVATION NOTES

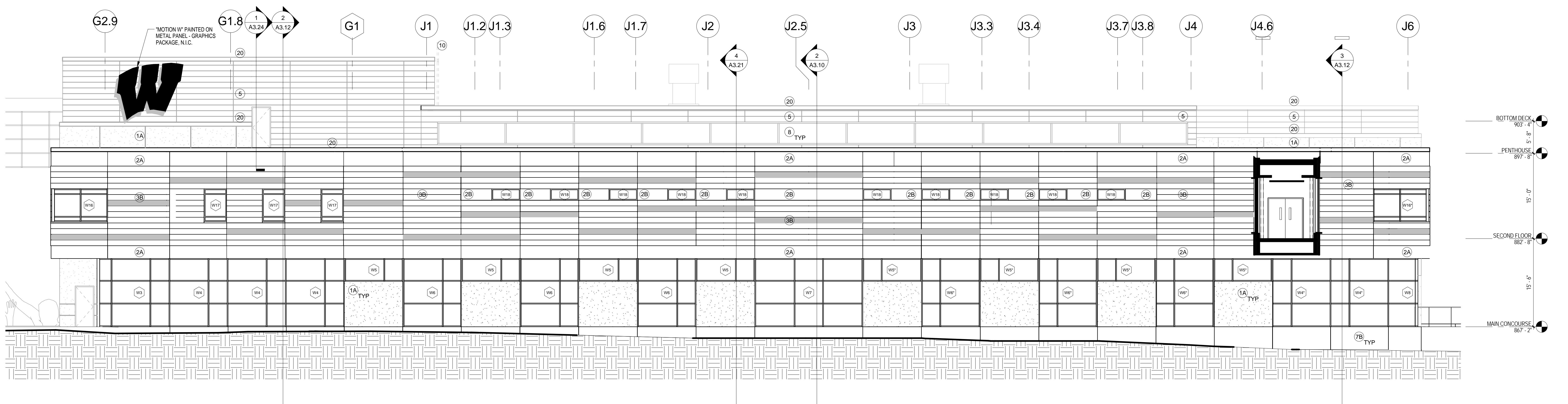
1. ALL METAL SURFACES EXPOSED TO VIEW, INCLUDING MISCELLANEOUS METALS, PIPING, MECHANICAL EQUIPMENT, LADDERS, STAIRS, RAILINGS, COLUMNS, PLATFORMS, ETC., SHALL BE PAINTED TO MATCH STORE FRONT WALL COLOR U.N.O.

KEY NOTES

- (1A) PRECAST WALL PANEL - FINISH A
- (1B) PRECAST WALL PANEL - FINISH B
- (2A) 2" INSULATED METAL WALL PANEL - COLOR A
- (2B) 2" INSULATED METAL WALL PANEL - COLOR B
- (2C) 2" INSULATED METAL WALL PANEL - COLOR C
- (3B) 3" INSULATED METAL PANEL & 2" INSULATED METAL PANEL - ALTERNATE BACK AND FORTH
- (4) -
- (5) 1 1/2" METAL WALL PANEL - COLOR A
- (6A) METAL LOUVER - COLOR A
- (6B) METAL LOUVER - COLOR B
- (7A) CAST IN PLACE CONCRETE WALL - FINISH A
- (7B) CAST IN PLACE CONCRETE WALL - FINISH B
- (8) TRANSLUCENT WALL PANEL
- (9A) -
- (10) STEEL LADDER
- (11) STAINLESS STEEL HANDRAIL WITH INTEGRAL DOWNLIGHT
- (12) COOLING TOWER
- (13) -
- (14) -
- (15) INSULATED OVERHEAD SECTIONAL DOOR
- (16) 1 1/2" CORRUGATED METAL WALL PANEL ON PAINTED STEEL FRAMING
- (17) STAINLESS STEEL LETTERS
- (18) UW MADISON CREST - COORDINATE WITH PRECAST CONCRETE MFG & PROVIDE J-BOX FOR LIGHTING
- (19) -
- (20) PREFINISHED METAL COPING



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**ATHLETICS HOCKEY / SWIMMING
-ACILITY - KOHL CENTER**

**UNIVERSITY OF WISCONSIN - MADISON
MADISON, WISCONSIN**

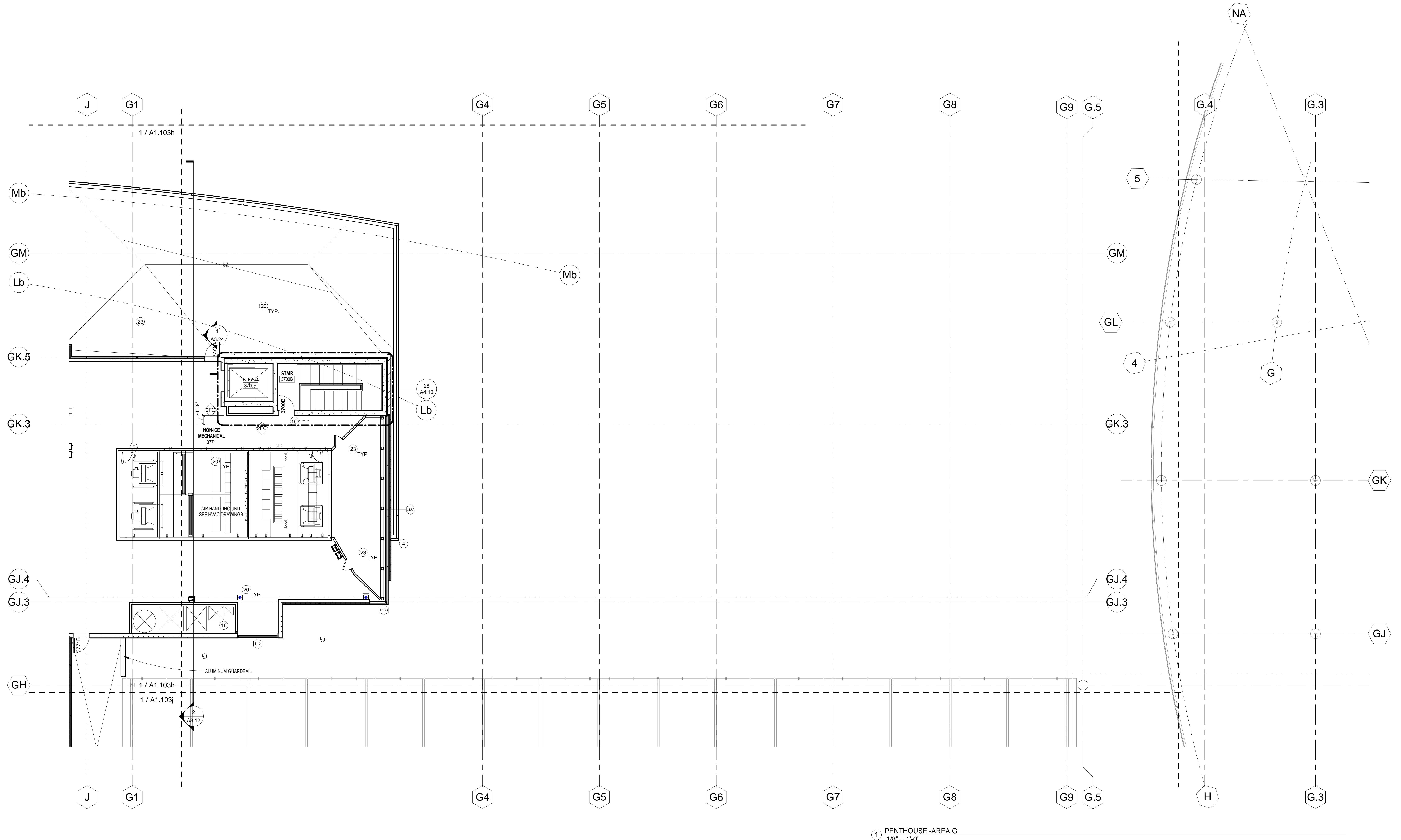
GENERAL ELEVATION NOTES

1. ALL METAL SURFACES EXPOSED TO VIEW, INCLUDING MISCELLANEOUS METALS, PIPING, MECHANICAL EQUIPMENT, LADDERS, STAIRS, RAILINGS, COLUMNS, PLATFORMS, ETC.) SHALL BE PAINTED TO MATCH STOREFRONT WALL COLOR U.L.N.O.

KEY NOTES

NOTES	1A PRECAST WALL PANEL - FINISH A	3B 3" INSULATED METAL PANEL & 2" INSULATED METAL PANEL - ALTERNATE BACK AND FORTH	7A CAST IN PLACE CONCRETE WALL - FINISH A	9B -	13 -	17 STAINLESS STEEL LETTERS
1. ALL METAL SURFACES EXPOSED TO VIEW, INCLUDING MISCELLANEOUS METALS, PIPING, MECHANICAL EQUIPMENT, LADDERS, STAIRS, RAILINGS, COLUMNS, PLATFORMS, ETC.) SHALL BE PAINTED TO MATCH STORE FRONT WALL COLOR U.N.O.	1B PRECAST WALL PANEL - FINISH B	4 -	7B CAST IN PLACE CONCRETE WALL - FINISH B	9C -	14 -	18 UW MADISON CREST-ORDINATE WITH PRECAST CONCRETE MFG & PROVIDE J-BOX FOR LIGHTING
	2A 2" INSULATED METAL WALL PANEL - COLOR A	5 1 1/2" METAL WALL PANEL - COLOR A	8 TRANSLUCENT WALL PANEL	10 STEEL LADDER	15 INSULATED OVERHEAD SECTIONAL DOOR	20 PREFINISHED METAL COPIING
	2B 2" INSULATED METAL WALL PANEL - COLOR B	6A METAL LOUVER - COLOR A	9A -	11 STAINLESS STEEL HANDRAIL WITH INTEGRAL DOWNLIGHT	16 1 1/2" CORRUGATED METAL WALL PANEL ON PAINTED STEEL FRAMING	
	2C 2" INSULATED METAL WALL PANEL - COLOR C	6B METAL LOUVER - COLOR B		12 COOLING TOWER		

<p>ATHLETICS HOCKEY / SWIMMING FACILITY - KOHL CENTER</p> <p>UNIVERSITY OF WISCONSIN - MADISON MADISON, WISCONSIN</p>		
<p>State of Wisconsin Department of Administration Division of State Facilities</p>		
		
<p>Sheet Title EXTERIOR ELEVATIONS - NORTH & EAST</p>		
<p>Revisions:</p>		
No.	Date:	Description:
<p>Graphic Scale</p>		
DSF Number	09B 1U	
Set Type	UDC SUBMITTAL	
Date Issued	10/13/2010	
Sheet Number	A2.10	

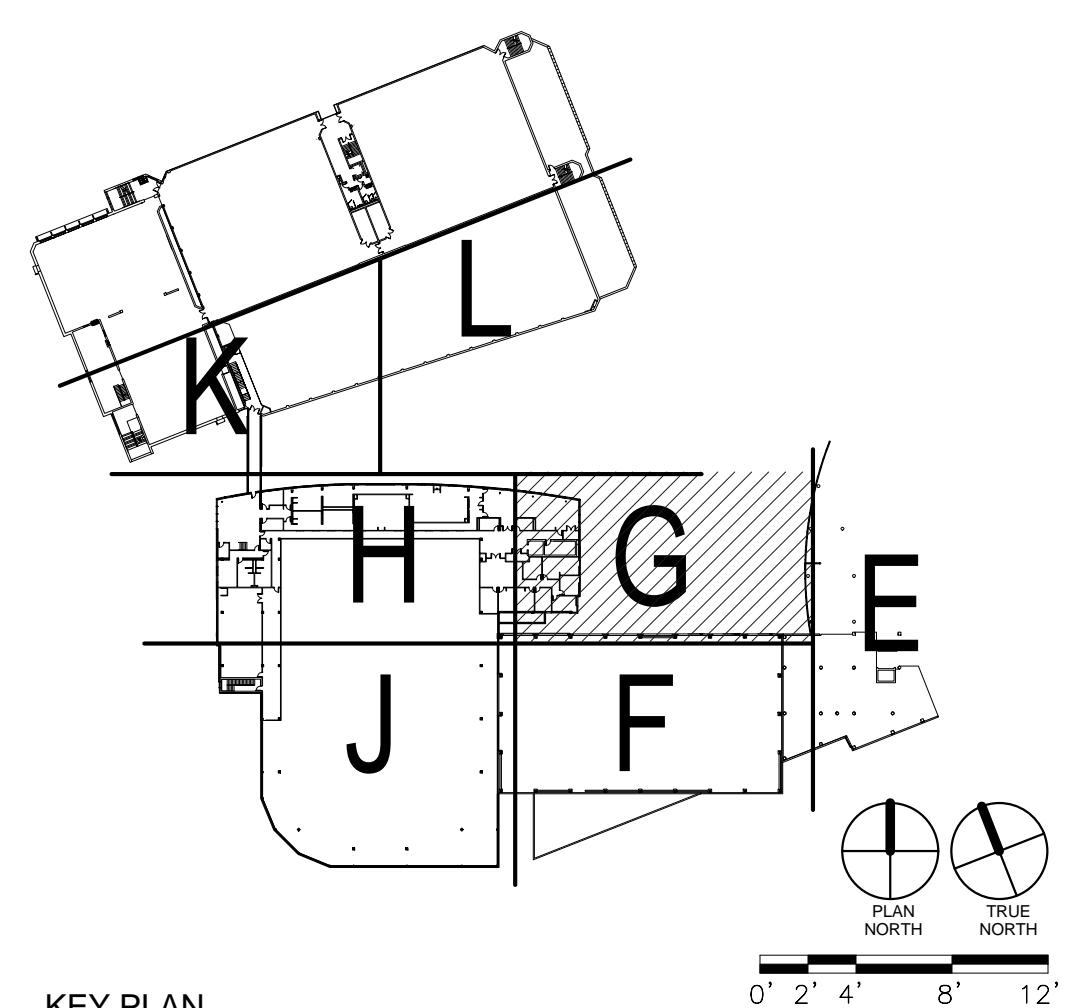


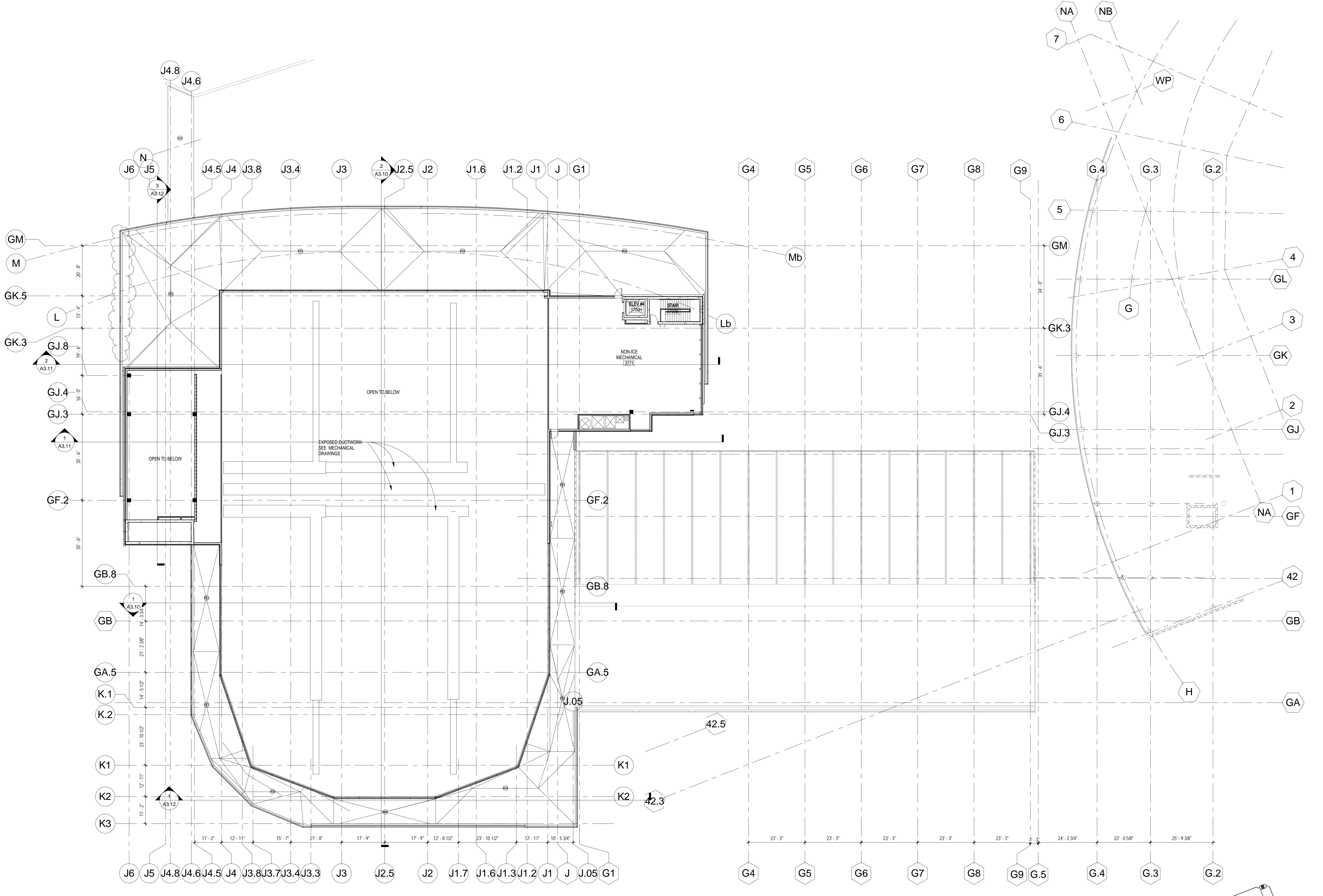
GENERAL NOTES

1. DO NOT SCALE DRAWINGS. VERIFY ALL EXISTING CONDITIONS AT SITE BEFORE PROCEEDING WITH WORK.
2. ANY DISCREPANCY BETWEEN INFORMATION ON DRAWINGS AND ACTUAL FIELD CONDITIONS SHOULD BE BROUGHT TO ARCHITECT'S ATTENTION FOR RESOLUTION PRIOR TO COMMENCING WORK.
3. PARTITION DIMENSION ARE INDICATED TO FACE OF GWB, CONCRETE OR UNIT MASONRY.
4. ALL FURNITURE, FILES AND OTHER OFFICE EQUIPMENT IS SHOWN FOR REFERENCE, UNLESS NOTED OTHERWISE.
5. SEE STRUCTURAL DRAWINGS FOR SLAB EDGE DIMENSIONS.
6. CONTRACTOR TO SLOPE FLOOR 1/8" PER 1'-0" AT ALL WET AREA LOCATIONS WITH FLOOR DRAINS (SHOWERS, E.G.).
7. BUILT-IN MILLWORK INCLUDING COUNTERTOPS, CABINETS, SHELVES, BENCHES, ETC. SHOWN ON 1/8" FLOOR PLANS ARE TO BE INCLUDED IN THE CONSTRUCTION WORK, UNLESS NOTED OTHERWISE.
8. ALL PARTITIONS ARE TO BE TYPE OCD, UNLESS OTHERWISE NOTED. FURRING TO BE TYPE OAD, UNLESS NOTED OTHERWISE.
9. AT ALL TRANSITIONS BETWEEN DIFFERENT FINISH FLOOR MATERIALS GREATER THAN 1/8" HEIGHT, SUBFLOOR SHALL BE BUILT UP USING A LEVELING COMPOUND WITH A MAX SLOPE OF 2% (SEE FLOOR FINISH PLANS).
10. SPRAY ON FIREPROOFING TO BE ON ALL STRUCTURAL STEEL LESS THAN AND EQUAL TO 20'-0" ABOVE THE FLOOR BELOW. IF STRUCTURAL STEEL IS BEYOND THE 20'-0" FROM FLOOR BELOW, NO FIREPROOFING IS REQUIRED. PROVIDE INTUMESCENT PAINT IN LIEU OF SPRAY ON FIREPROOFING WHERE NOTED ON DRAWINGS.

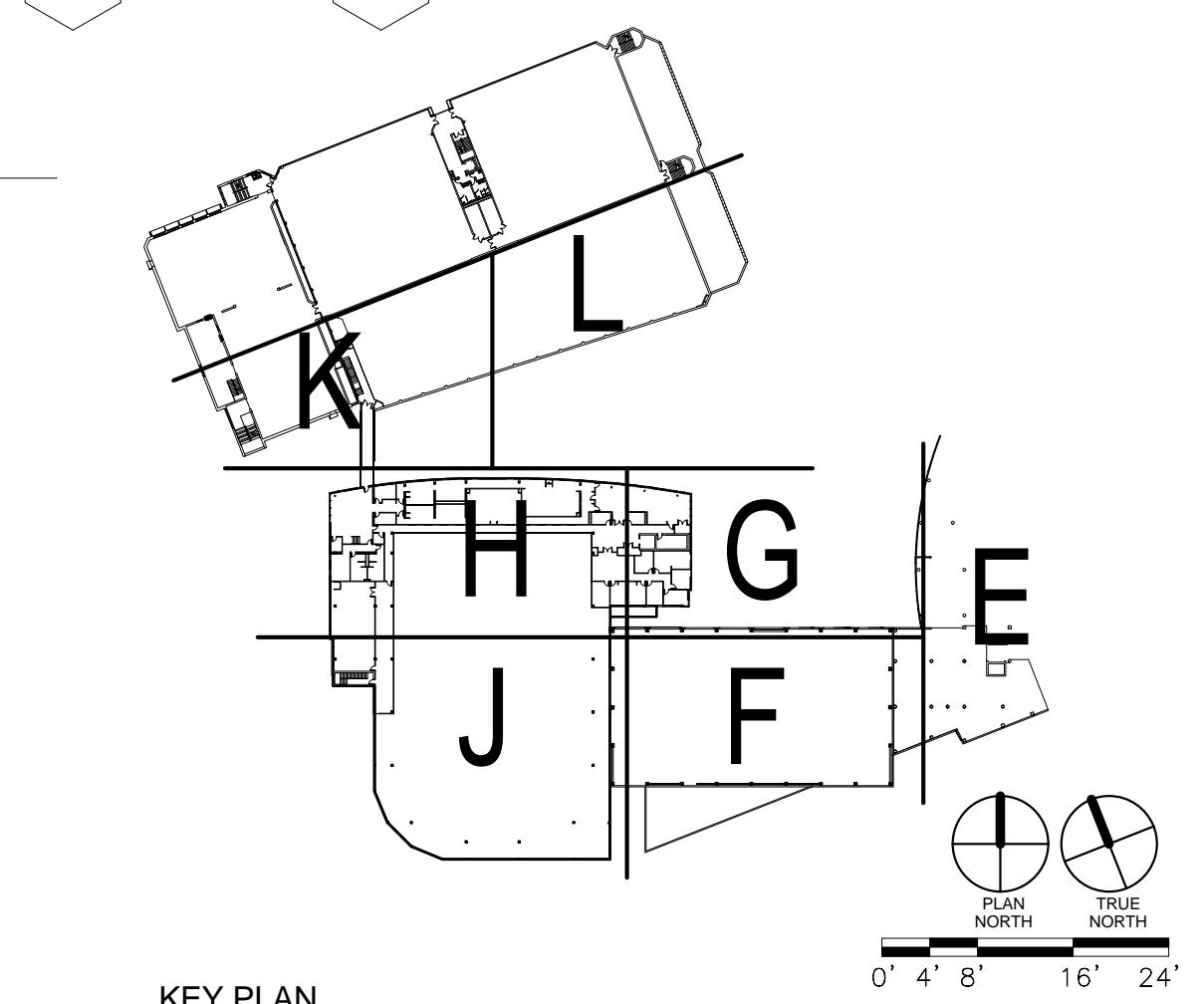
KEYED NOTES

- 1X FIRE EXTINGUISHER
 - A. RECESSED CABINET
 - B. SEMI-RECESSED CABINET
 - C. SURFACE MOUNTED
- 2X DRINKING FOUNTAIN (SEE PLUMBING DWGS)
 - A. HI/LO ADA STYLE
 - B. DRINKING FOUNTAIN WITH BOTTLE FILLER
- 3 PROFILE OF BUILDING ABOVE
- 4 EDGE OF BUILDING BELOW
- 5 MOP SINK & WALL SHELF (SEE 2&3/A2.40)
- 6 RAILING/GUARDRAIL SYSTEM
 - A. GUARDRAIL
 - B. HANDRAIL
 - C. DRINK RAIL
 - D. GUARDRAIL: STRUCTURAL GLASS
- 7 OWNER SUPPLIED EQUIPMENT
- 8 CONTOURED FIBERGLASS SEAT
- 9 LOCKERS - SEE INTERIOR ELEVATIONS
- 10 BENCHES - SEE INTERIOR ELEVATIONS
- 11 THERAPY/RECOVERY POOL
 - A. HOT POOL
 - B. COLD POOL
- 12 CASEWORK (SEE INTERIOR ELEVATIONS)
- 13 COUNTER
 - A. BUILT IN WORK SURFACE - PLASTIC LAMINATE
 - B. STAINLESS STEEL COUNTER
 - C. WOOD TRANSACTION COUNTER
- 14 EXPOSED STEEL STRUCTURE WITH INTUMESCENT PAINT COATING
- 15 KITCHEN EQUIPMENT
- 16 SHAFT
- 17 CONCRETE RAMP WITH HAND RAILINGS
- 18 CONCRETE RAMP WITH HAND RAILINGS
- 19 AREA WELL WITH REMOVABLE GRATING
- 20 EXPOSED STRUCTURAL STEEL AND METAL DECKING TO HAVE SPRAYED ON FIREPROOFING FOR FIRE RATING.
- 21 LOUVER - SEE ELEVATIONS
- 22 FIN TUBE HEATING - SEE MEP DRAWINGS
- 23 COLD AIR PLENUM- PROVIDE 4" MIN. TAPPERED RIGID INSULATION W/ EPDM ROOFING FLASHED TO A 16" HIGH CMU CURB AT LIMITS. STONE PAVERS TO BE PROVIDED OVER EPDM ROOFING
- 24 RAISED FLOOR CONSTRUCTION FOR CLASSROOM SEATING: COLD FORMED METAL STUD WALLS WITH METAL DECK AND 4" CONCRETE TOPPING.
- 25 TRANSACTION WINDOW WITH ALUMINUM FRAME, BULLET PROOF GLASS AND SPEAKER FOR VOICE COMMUNICATION - SEE BL TYPE 6



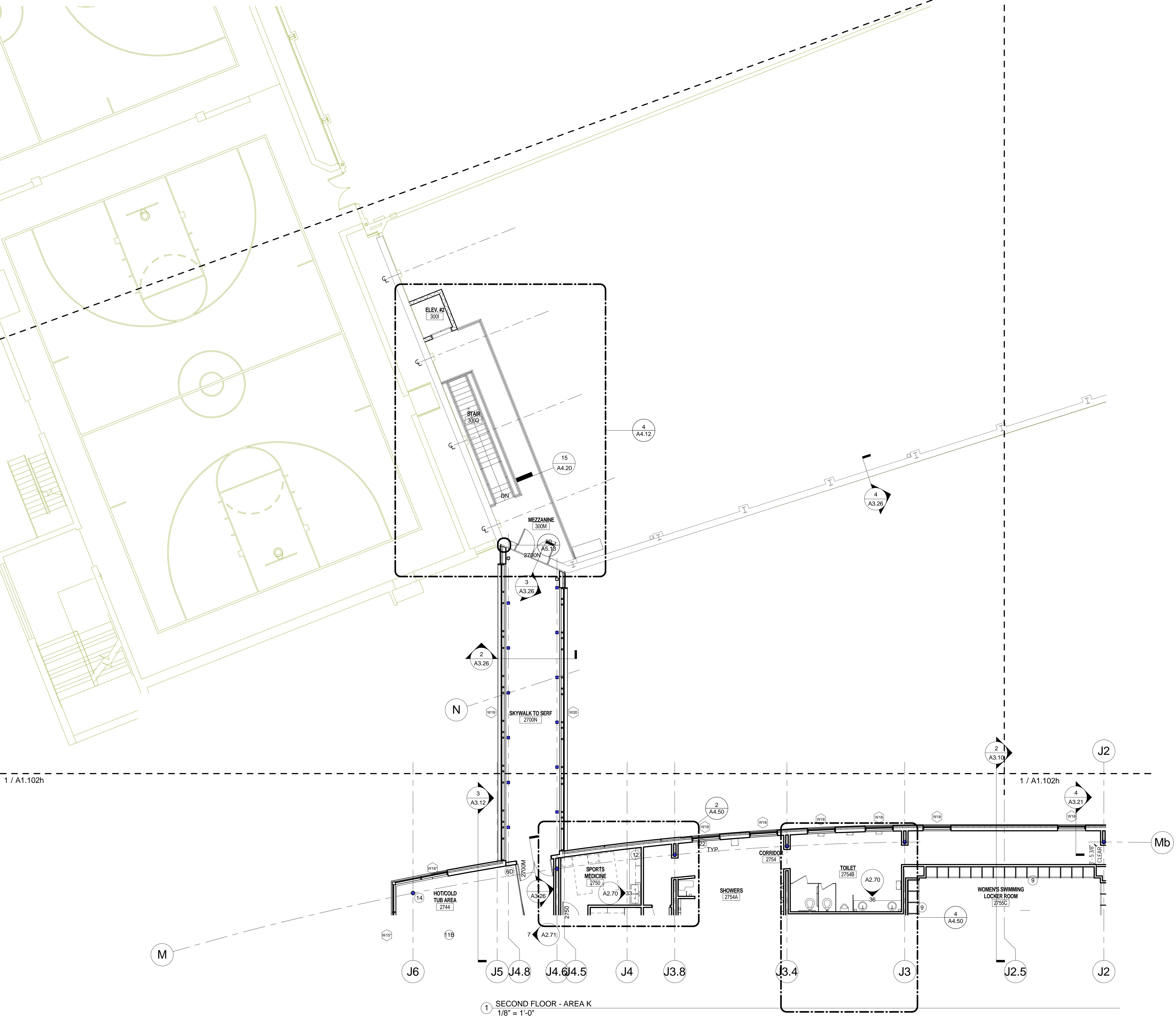
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① OVERALL - PENTHOUSE
1/16" = 1'-0"



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UNIVERSITY OF WISCONSIN - MADISON		
MADISON, WISCONSIN		
Sheet Title OVERALL FLOOR PLAN - PENTHOUSE		
Revisions: No. _____ Date: _____ Description: _____	State of Wisconsin Department of Administration Division of State Facilities	University of Wisconsin - Madison 601 West Dayton; Madison, WI 53715

Graphic Scale	09B1U
DSF Number	09B1U
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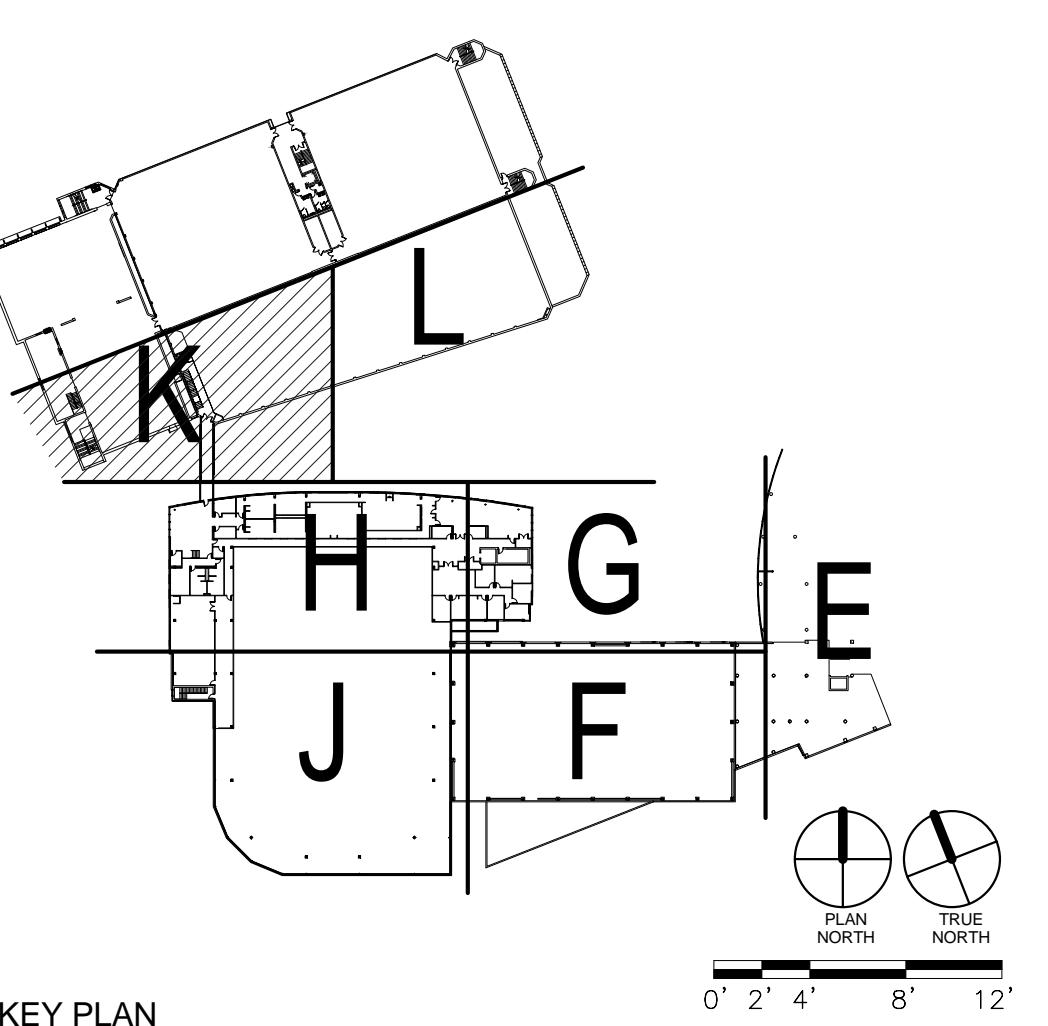
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OCTOBER 13, 2010
NOT FOR CONSTRUCTION

GENERAL NOTES

- DO NOT SCALE DRAWINGS. VERIFY ALL EXISTING CONDITIONS AT SITE BEFORE PROCEEDING WITH WORK.
- ANY DISCREPANCY BETWEEN INFORMATION ON DRAWINGS AND ACTUAL FIELD CONDITIONS SHOULD BE BROUGHT TO ARCHITECT'S ATTENTION FOR RESOLUTION PRIOR TO COMMENCING WORK.
- PARTITION DIMENSION ARE INDICATED TO FACE OF G.W.B., CONCRETE OR UNIT MASONRY.
- ALL FURNITURE, FILES AND OTHER OFFICE EQUIPMENT IS SHOWN FOR REFERENCE, UNLESS NOTED OTHERWISE.
- SEE STRUCTURAL DRAWINGS FOR SLAB EDGE DIMENSIONS.
- CONTRACTOR TO SLOPE FLOOR 1/8" PER 1'-0" AT ALL WET AREA LOCATIONS WITH FLOOR DRAINS (SHOWERS, E.G.).
- BUILT-IN MILLWORK INCLUDING COUNTERTOPS, CABINETS, SHELVES, BENCHES, ETC. SHOWN ON 1ST FLOOR PLANS ARE TO BE INCLUDED IN THE CONSTRUCTION WORK, UNLESS NOTED OTHERWISE.
- ALL PARTITIONS ARE TO TYPE O, UNLESS OTHERWISE NOTED. FURRING TO BE TYPE OAD, UNLESS NOTED OTHERWISE.
- AT ALL TRANSITIONS BETWEEN DIFFERENT FINISH FLOOR MATERIALS GREATER THAN 1/8" HEIGHT, SUBFLOOR SHALL BE BUILT UP USING A LEVELING COMPOUND WITH A MAX SLOPE OF 2% (SEE FLOOR FINISH PLANS).
- SPRAY ON FIREPROOFING TO BE ON ALL STRUCTURAL STEEL LESS THAN AND EQUAL TO 20'-0" ABOVE THE FLOOR BELOW. IF STRUCTURAL STEEL IS BEYOND THE 20'-0" FROM FLOOR BELOW, NO FIREPROOFING IS REQUIRED. PROVIDE INTUMESCENT PAINT IN LIEU OF SPRAY ON FIREPROOFING WHERE NOTED ON DRAWINGS.

KEYED NOTES

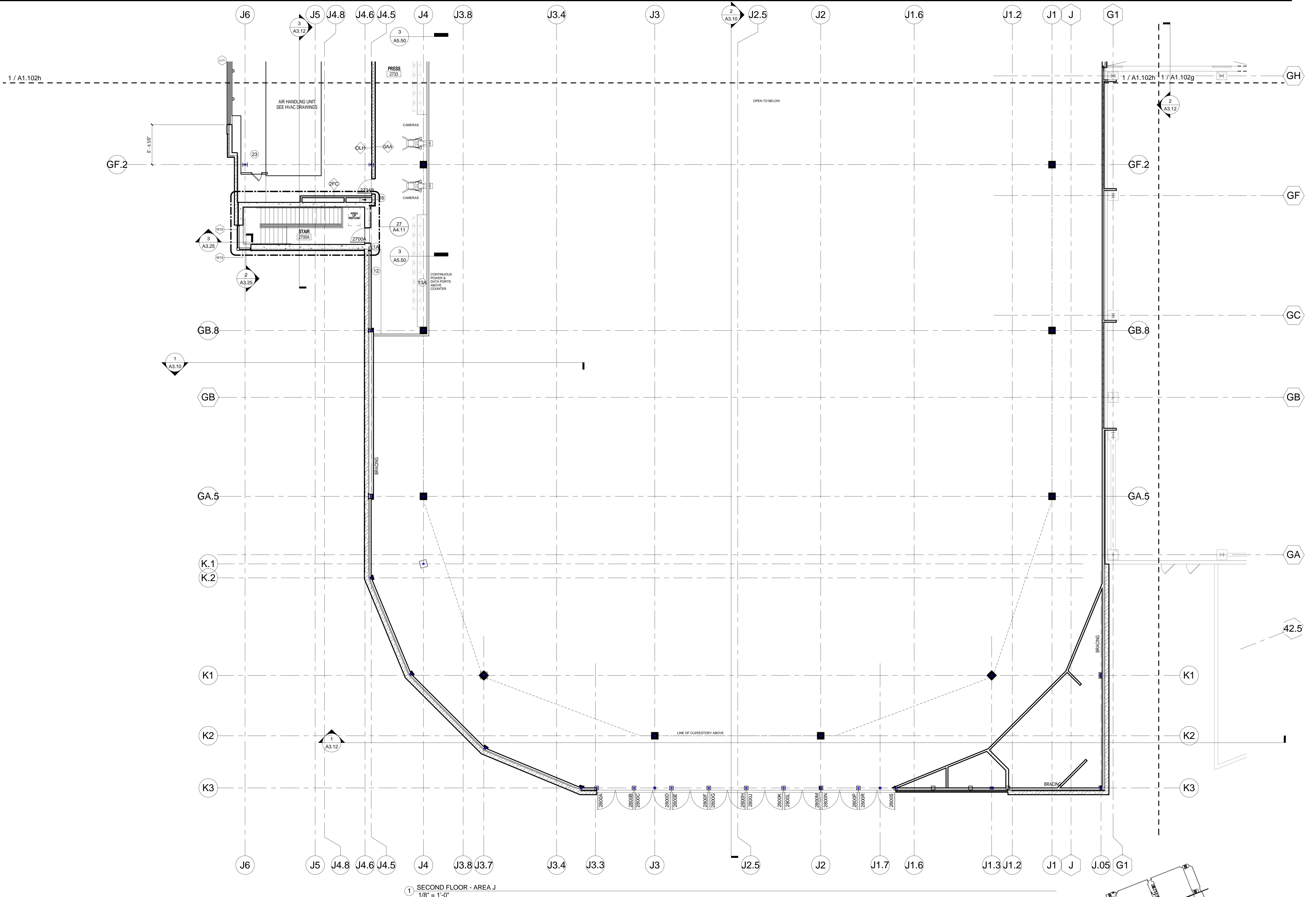
- 1x FIRE EXTINGUISHER
- 2x DRINKING FOUNTAIN (SEE PLUMBING DWGS)
- 3x PROFILE OF BUILDING ABOVE
- 4x EDGE OF BUILDING BELOW
- 5x MOP SINK & WALL SHELF (SEE 2&3/A2.40)
- 6x RAILING/GUARDRAIL SYSTEM
- 7x OWNER SUPPLIED EQUIPMENT
- 8x ALUMINUM BLEACHERS WITH BACKS AND CONTOURED FIBERGLASS SEAT
- 9x RECESSED CABINET
- 10x B. SEMI-RECESSED CABINET
- 11x C. SURFACE MOUNTED
- 12x CASEWORK (SEE INTERIOR ELEVATIONS)
- 13x COUNTER
- 14x A. GUARDRAIL
- 15x B. HANDRAIL
- 16x C. DECK RAIL
- 17x D. GUARDRAIL: STRUCTURAL GLASS
- 18x EXPOSED STEEL STRUCTURE WITH INTUMESCENT PAINT COATING
- 19x PLANTER
- 20x DASHER BOARD SYSTEM
- 21x AREA WELL WITH REMOVABLE GRATING
- 22x EXPOSED STRUCTURAL STEEL AND METAL DECKING TO HAVE SPRAYED ON FIREPROOFING FOR FIRE RATING.
- 23x LOUVER - SEE ELEVATIONS
- 24x FIN TUBE HEATING - SEE MEP DRAWINGS
- 25x COLD AIR PLUM- PROVIDE 4" MIN TAPERED RIGID INSULATION IN EPM ROOFING FLASHED TO A 16" HIGH CMU CURB AT LIMIT STONE PAVERS TO BE PROVIDED OVER EPM ROOFING
- 26x RAISED FLOOR CONSTRUCTION FOR CLAW DOORWAYS: COLD FORGED METAL STUDDED W/S WITH METAL DECK AND 4" CONCRETE TOPPING.
- 27x TRANSACTION WINDOW WITH ALUMINUM FRAME, BULLET PROOF GLASS AND SPEAKER FOR VOICE COMMUNICATION - SEE BL TYPE 6
- 28x PLASTIC BENCH
- 29x ELECTRICAL PANEL - SEE ELECTRICAL DRAWINGS
- 30x FULL RECESSED ANNUNCIATOR PANEL SEE, ELEC. DRAWINGS



ATHLETICS HOCKEY / SWIMMING
FACILITY - KOHL CENTER
UNIVERSITY OF WISCONSIN - MADISON
MADISON, WISCONSIN
Sheet Title: FLOOR PLAN - SECOND FLOOR - AREA K

Revisions:
No. Date: Description:

Graphic Scale	
DSF Number	09B1U
Set Type	UDC SUBMITTAL
Date Issued	10/13/2010
Sheet Number	A1.102k

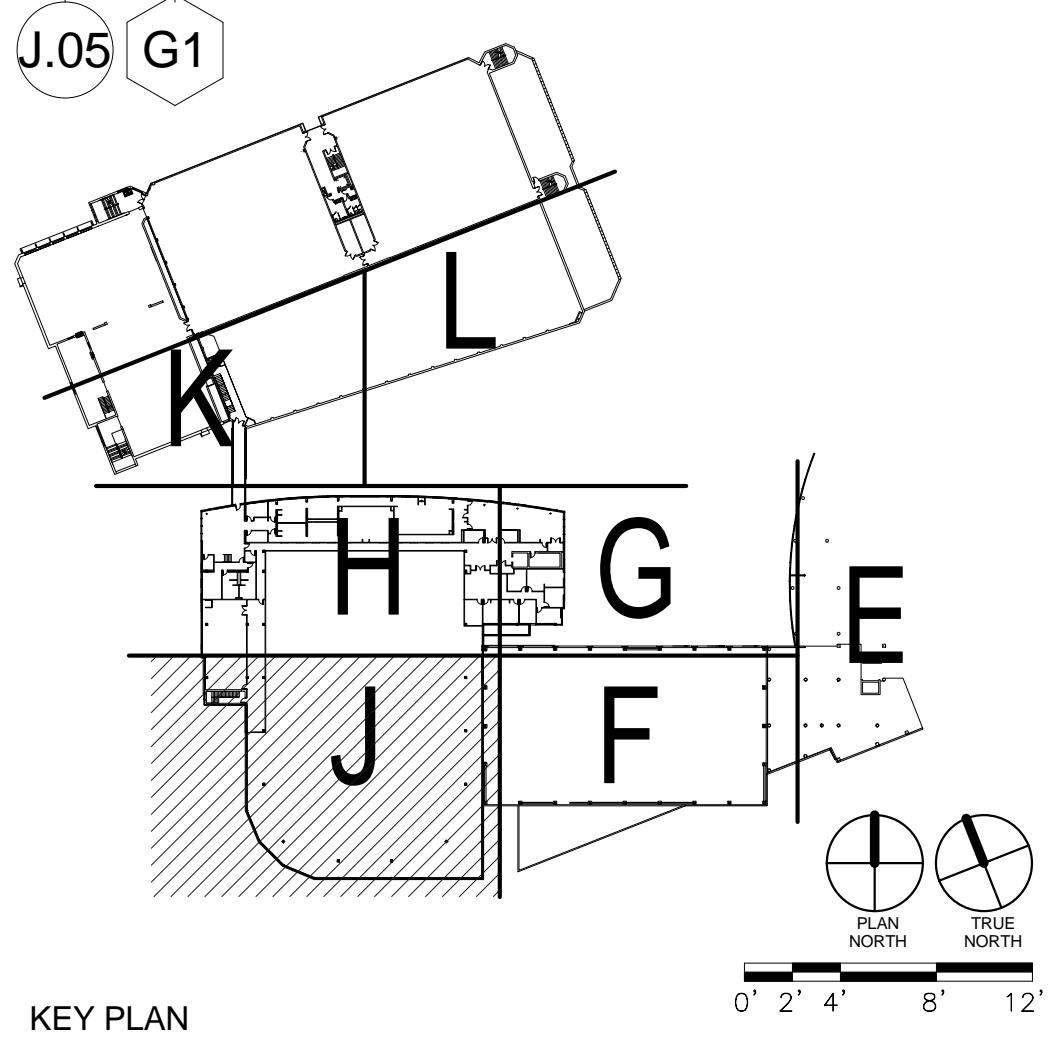
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OCTOBER 13, 2010
NOT FOR CONSTRUCTIONState of Wisconsin
Department of Administration
Division of State FacilitiesUNIVERSITY OF WISCONSIN - MADISON
601 WEST DAYTON; MADISON, WI 53715ATHLETICS HOCKEY / SWIMMING
FACILITY - KOHL CENTER
UNIVERSITY OF WISCONSIN - MADISON
MADISON, WISCONSIN
FLOOR PLAN - SECOND FLOOR - AREA J

GENERAL NOTES

- DO NOT SCALE DRAWINGS. VERIFY ALL EXISTING CONDITIONS AT SITE BEFORE PROCEEDING WITH WORK.
- ANY DISCREPANCY BETWEEN INFORMATION ON DRAWINGS AND ACTUAL FIELD CONDITIONS SHOULD BE BROUGHT TO ARCHITECTS ATTENTION FOR RESOLUTION PRIOR TO COMMENCING WORK.
- PARTITION DIMENSION ARE INDICATED TO FACE OF G.W.B. CONCRETE OR UNIT MASONRY.
- ALL FURNITURE, FILES AND OTHER OFFICE EQUIPMENT IS SHOWN FOR REFERENCE, UNLESS NOTED OTHERWISE.
- SEE STRUCTURAL DRAWINGS FOR SLAB EDGE DIMENSIONS.
- CONTRACTOR TO SLOPE FLOOR 1/8 PER 1'-0" AT ALL WET AREA LOCATIONS WITH FLOOR DRAINS (SHOWERS, E.G.).
- BUILT-IN MILLWORK INCLUDING COUNTERTOPS, CABINETS, SHELVES, BENCHES, ETC. SHOWN ON 18" FLOOR PLANS ARE TO BE INCLUDED IN THE CONSTRUCTION WORK, UNLESS NOTED OTHERWISE.
- ALL PARTITIONS ARE TO BE TYPE OCD, UNLESS OTHERWISE NOTED. FURRING TO BE TYPE OAD, UNLESS NOTED OTHERWISE.
- AT ALL TRANSITIONS BETWEEN DIFFERENT FINISH FLOOR MATERIALS GREATER THAN 1/8" HEIGHT, SUBFLOOR SHALL BE BUILT UP USING A LEVELING COMPOUND WITH A MAX SLOPE OF 2% (SEE FLOOR FINISH PLANS).
- SPRAY ON FIREPROOFING TO BE ON ALL STRUCTURAL STEEL LESS THAN AND EQUAL TO 30'-0" ABOVE THE FLOOR BELOW. IF STRUCTURAL STEEL IS BEYOND THE 20'-0" FROM FLOOR BELOW, NO FIREPROOFING IS REQUIRED. PROVIDE INTUMESCENT PAINT IN LIEU OF SPRAY ON FIREPROOFING WHERE NOTED ON DRAWINGS.

KEYED NOTES

- EX EXTRACTOR
- RECESSED CABINET
- SEMI-RECESSED CABINET
- SURFACE MOUNTED
- DRINKING FOUNTAIN (SEE PLUMBING DWGS)
- A. HILO ADA STYLE
- B. DRINKING FOUNTAIN WITH BOTTLE FILLER
- PROFILE OF BUILDING ABOVE
- EDGE OF BUILDING BELOW
- MOP SINK & WALL SHELF (SEE 2&3/A2.40)
- RAILING/GUARDRAIL SYSTEM
- A. GUARDRAIL
- B. HANDRAIL
- C. DRINK RAIL
- D. GUARDRAIL: STRUCTURAL GLASS
- OWNER SUPPLIED EQUIPMENT
- ALUMINUM BLEACHERS WITH BACKS AND CONTOURED FIBERGLASS SEAT
- LOCKERS - SEE INTERIOR ELEVATIONS
- BENCHES - SEE INTERIOR ELEVATIONS
- CASEWORK (SEE INTERIOR ELEVATIONS)
- COUNTER
- A. BUILT IN WORK SURFACE - PLASTIC LAMINATE
- B. STAINLESS STEEL COUNTER
- C. WOOD TRANSACTION COUNTER
- EXPOSED STEEL STRUCTURE WITH INTUMESCENT PAINT COATING
- KITCHEN EQUIPMENT
- SHAFT
- PLANTER
- AREA WELL WITH REMOVABLE GRATING
- EXPOSED STRUCTURAL STEEL AND METAL DECKING TO HAVE SPRAYED OR FIREPROOFING FOR SPRAYED OR FIRE RATING.
- Louver - SEE ELEVATIONS
- FIN TUBE HEATING - SEE MEP DRAWINGS
- COLD AIR PLENUM - PROVIDE 4 MIN. HEAD
- ROOFING FLASHED TO A 16" HIGH CMU CURB
- AT LIMIT, STONE PAVERS TO BE PROVIDED OVER EPDM ROOFING
- RAISED FLOOR CONSTRUCTION FOR CLASSROOM SEATING: COLD-FORMED METAL STUD WALLS WITH METAL DECK AND 4" CONCRETE TOPPING
- TRANSITION ROOM WITH ALUMINUM FRAME, BULLET PROOF GLASS AND SPEAKER FOR VOICE COMMUNICATION - SEE BL TYPE 5
- CONCRETE RAMP WITH HAND RAILINGS
- CHAIN LINK FENCE FROM FLOOR TO UNDERSIDE OF SEATING RISERS WITH GATES AND VINYL MESH BACKING
- PLASTIC BENCH
- ELECTRICAL PANEL - SEE ELECTRICAL DRAWINGS
- FULL RECESSED ANNUNCIATOR PANEL SEE ELEC. DRAWINGS

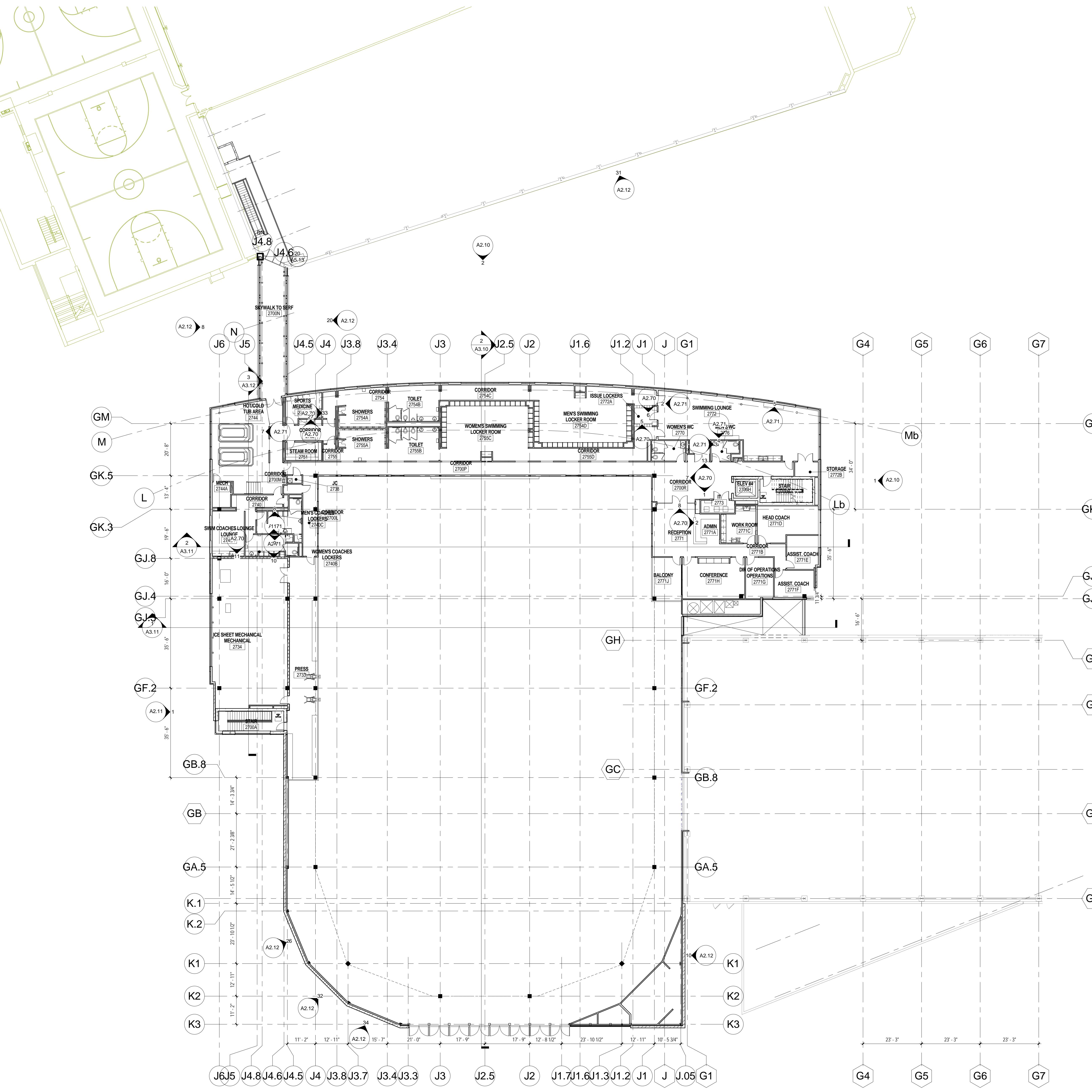


KEY PLAN

Revisions:		
No.	Date:	Description:

Graphic Scale	DSF Number	Set Type	Date Issued
	09B1U		
		UDC SUBMITTAL	
			10/13/2010

Sheet Number	Sheet Title
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experience
WEST WISCONSIN AVENUE
WAUKEE, WI 53203
414-272-2000
414-272-2001

UDC SUBMITTAL SET
OCTOBER 13, 2010
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State of Wisconsin Department of Administration Division of State Facilities

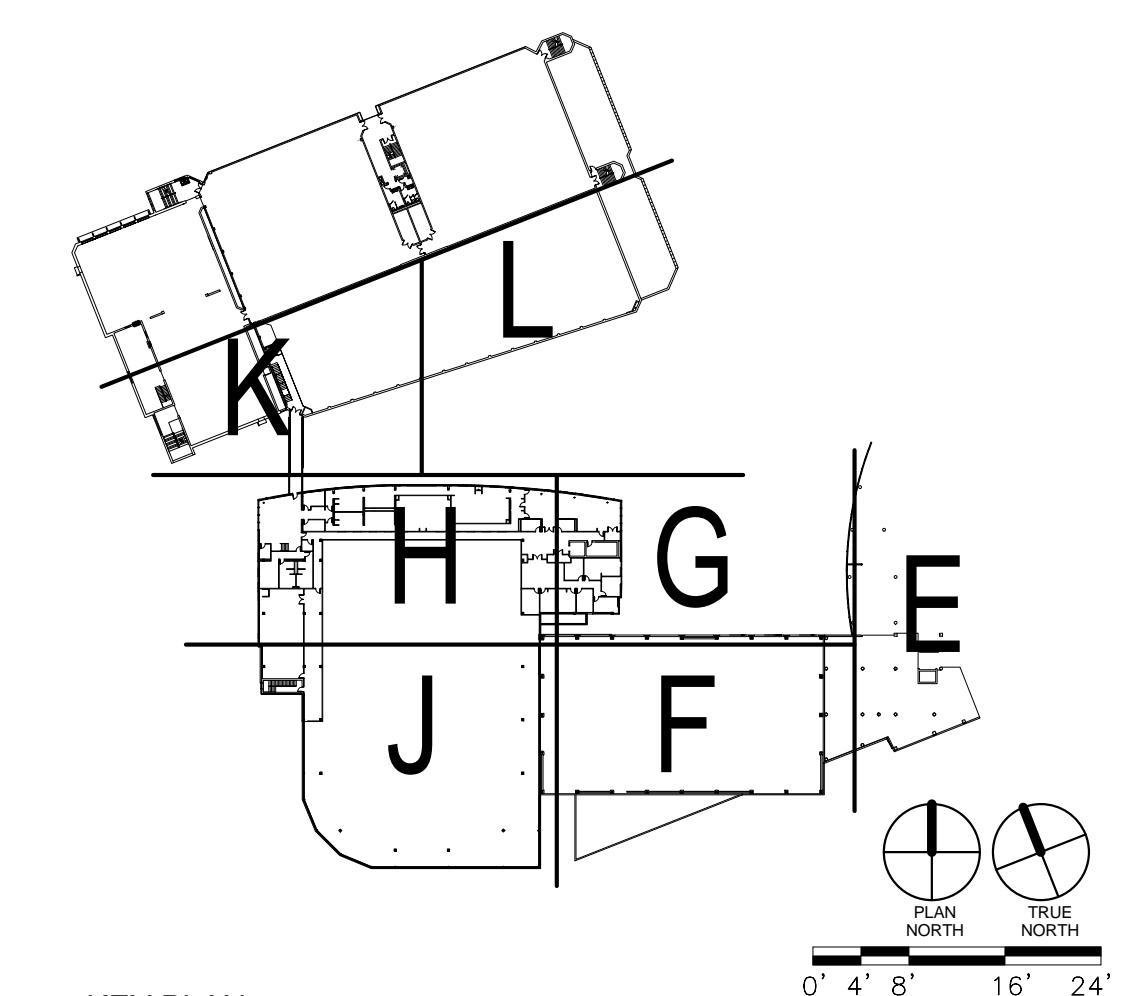
State of Wisconsin
Department of Administration
Division of State Facilities



A faint watermark of the Wisconsin state seal is visible in the background of the page. The seal features a central shield with a plow, a sheaf of wheat, and a sheaf of corn, surrounded by a circular border with the words "THE GREAT SEAL OF THE STATE OF WISCONSIN". Above the shield is a crest depicting a sheaf of wheat, and a scroll below it contains the state motto "Ense petit placidam sub libertate quietem".

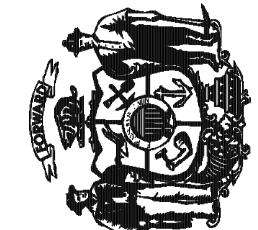
ATHLETICS HOCKEY / SWIMMING FACILITY - KOHL CENTER

UNIVERSITY OF WISCONSIN - MADISON MADISON, WISCONSIN



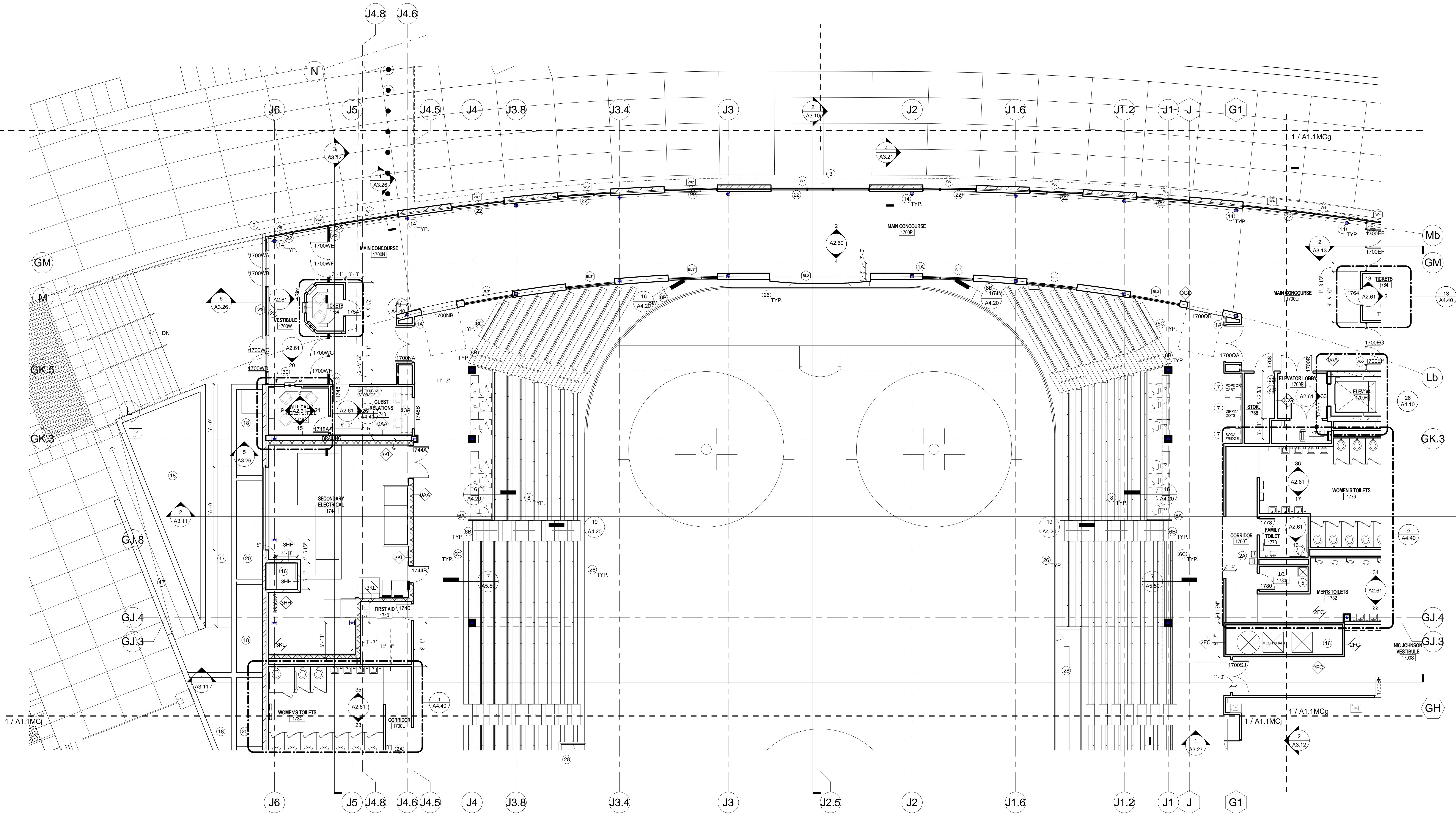
KEY PLAN

1 OVERALL - SECOND FL
1/16" = 1'-0"

UDC SUBMITTAL SET
OCTOBER 13, 2010
NOT FOR CONSTRUCTIONState of Wisconsin
Department of Administration
Division of State FacilitiesUNIVERSITY OF WISCONSIN - MADISON
601 WEST DAYTON; MADISON, WI 53715ATHLETICS HOCKEY / SWIMMING
FACILITY - KOHL CENTER
UNIVERSITY OF WISCONSIN - MADISON
MADISON, WISCONSIN
FLOOR PLAN - MAIN CONCOURSE - AREA H

Revisions:		
No.	Date:	Description:

Sheet Title: FLOOR PLAN - MAIN CONCOURSE - AREA H
Graphic Scale: 09B1U
DSF Number: 09B1U
Set Type: UDC SUBMITTAL
Date Issued: 10/13/2010
Sheet Number: A1.1Mch

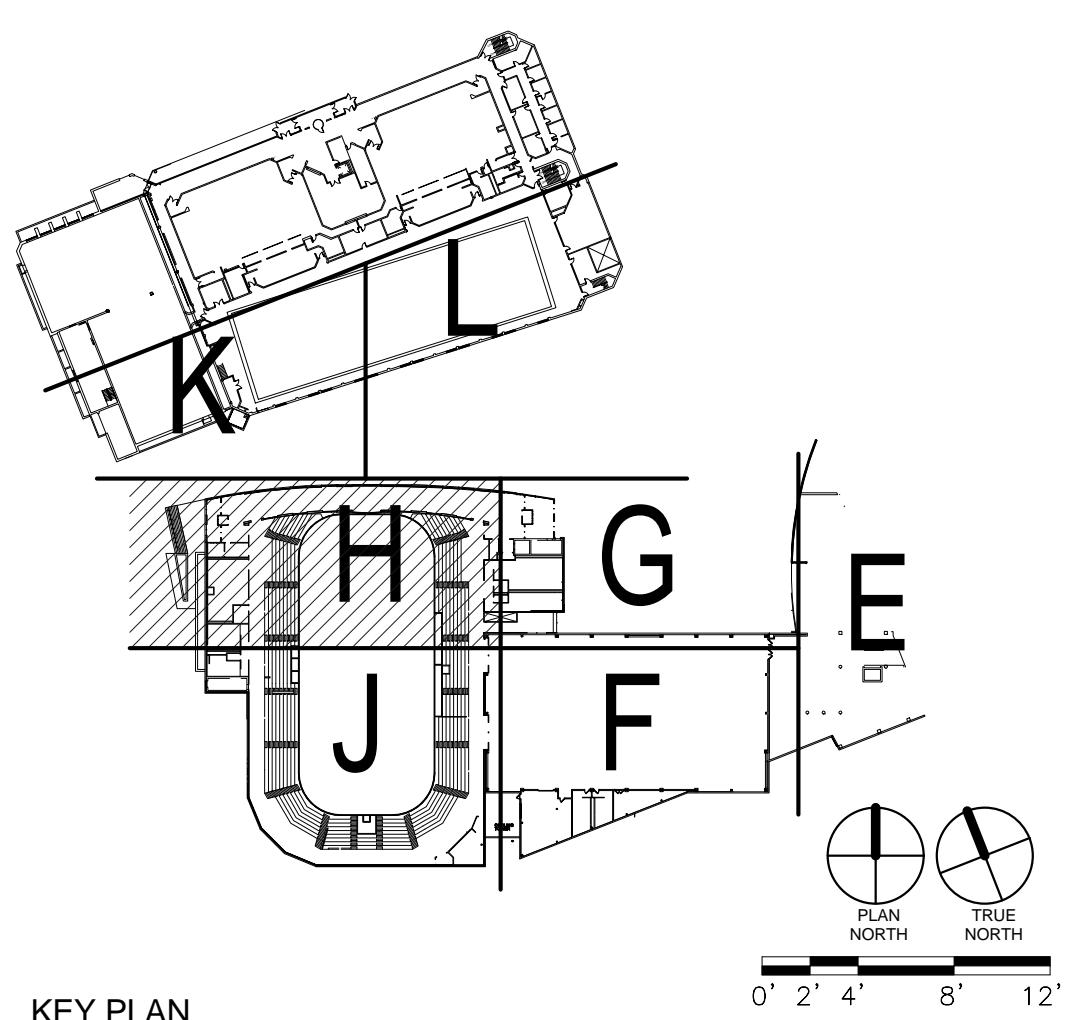
① MAIN CONCOURSE - AREA H
1/8" = 1'-0"

GENERAL NOTES

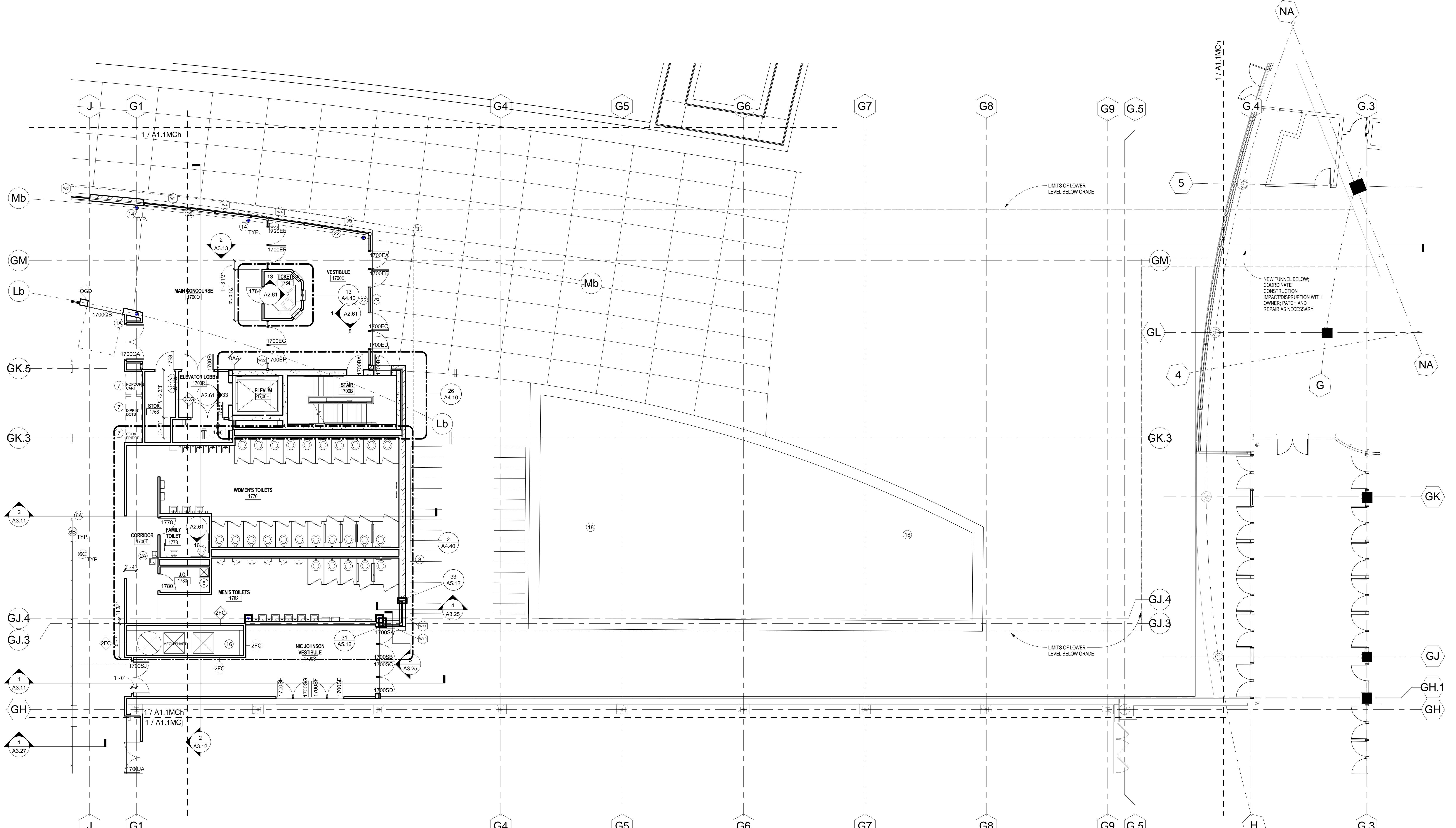
- DO NOT SCALE DRAWINGS. VERIFY ALL EXISTING CONDITIONS AT SITE BEFORE PROCEEDING WITH WORK.
- ANY DISCREPANCY BETWEEN INFORMATION ON DRAWINGS AND ACTUAL FIELD CONDITIONS SHOULD BE BROUGHT TO ARCHITECT'S ATTENTION FOR RESOLUTION PRIOR TO COMMENCING WORK.
- PARTITION DIMENSIONS ARE INDICATED TO FACE OF GIBW, CONCRETE OR UNIT MASONRY.
- ALL FURNITURE, FILES AND OTHER OFFICE EQUIPMENT IS SHOWN FOR REFERENCE, UNLESS NOTED OTHERWISE.
- SEE STRUCTURAL DRAWINGS FOR SLAB EDGE DIMENSIONS.
- CONTRACTOR TO SLOPE FLOOR 1/8" PER 1'-0" AT ALL WET AREA LOCATIONS WITH FLOOR DRAINS (SHOWERS, E.G.).
- BUILT-IN MILLWORK INCLUDING COUNTERTOPS, CABINETS, SHELVES, BENCHES, ETC. SHOWN ON 1ST FLOOR PLANS ARE TO BE INCLUDED IN THE CONSTRUCTION WORK, UNLESS NOTED OTHERWISE.
- ALL PARTITIONS ARE TO BE TYPE OAD, UNLESS OTHERWISE NOTED. FURRING IS TO TYPE OAD, UNLESS NOTED OTHERWISE.
- AT ALL TRANSITIONS BETWEEN DIFFERENT FINISH FLOOR MATERIALS GREATER THAN 1/8" HEIGHT, SUBFLOOR SHALL BE BUILT UP USING A LEVELING COMPOUND WITH A MAX SLOPE OF 2% (SEE FLOOR FINISH PLANS).
- SPRAY ON FIREPROOFING IS TO BE ON ALL STRUCTURAL STEEL LESS THAN AND EQUAL TO 20'-0" ABOVE THE FLOOR BELOW. IF STRUCTURAL STEEL IS BEYOND THE 20'-0" FROM FLOOR BELOW, NO FIREPROOFING IS REQUIRED. PROVIDE INTUMESCENT PAINT IN LIEU OF SPRAY ON FIREPROOFING WHERE NOTED ON DRAWINGS.

KEYED NOTES

- ⑧ FIRE EXTINGUISHER
A. RECESSED CABINET
B. SEMI-RECESSED CABINET
C. SURFACE MOUNTED
- ⑨ LOCKERS - SEE INTERIOR ELEVATIONS
- ⑩ BENCHES - SEE INTERIOR ELEVATIONS
- ⑪ THERAPY/RECOVERY POOL
A. HOT POOL
B. COLD POOL
- ⑫ DRINKING FOUNTAIN (SEE PLUMBING DWGS)
A. HILCO ADA STYLE
B. DRINKING FOUNTAIN WITH BOTTLE FILLER
- ⑬ CASEWORK (SEE INTERIOR ELEVATIONS)
- ⑭ EDGE OF BUILDING ABOVE
- ⑮ EDGE OF BUILDING BELOW
- ⑯ COUNTER
A. BUILT IN WORK SURFACE - PLASTIC
B. STAINLESS STEEL COUNTER
C. WOOD TRANSACTION COUNTER
- ⑰ RAILING/GUARDRAIL SYSTEM
A. GUARDRAIL
B. GUARDRAIL
C. GUARDRAIL
D. GUARDRAIL - STRUCTURAL GLASS
- ⑱ OWNER SUPPLIED EQUIPMENT
- ⑲ ALUMINUM BLEACHERS WITH BACKS AND CONTOURED FIBERGLASS SEAT
- ⑳ PLANTER
- ㉑ AREA WELL WITH REMOVABLE GRATING
- ㉒ EXPOSED STRUCTURAL STEEL AND METAL DECKING TO HAVE SPRAYED ON FIREPROOFING FOR FIRE RATING.
- ㉓ LOUVER - SEE ELEVATIONS
- ㉔ FIN TUBE HEATING - SEE MEP DRAWINGS
- ㉕ COLD AIR PLenum - PROVIDE 4' MIN. TAPERED RIGID INSULATION W/ EPDM ROOFING FLASHED TO A 16' HIGH CMU CURB AT LIMITS. STONE PAVERS TO BE PROVIDED OVER EPDM ROOFING.
- ㉖ DASHER BOARD SYSTEM
- ㉗ CHAIN LINK FENCE FROM FLOOR TO UNDERSIDE OF SEATING RISERS WITH GATES AND VINYL MESH BACKING.
- ㉘ PLASTIC BENCH
- ㉙ ELECTRICAL PANEL - SEE ELECTRICAL DRAWINGS
- ㉚ FULL RECESSED ANNUNCIATOR PANEL SEE, ELEC. DRAWINGS
- ㉛ RAISED FLOOR CONSTRUCTION FOR GYMNASIUM. 10" TALL REINFORCED METAL STUD WALLS WITH METAL DECK AND 4" CONCRETE TOPPING.
- ㉜ TRANSACTION WINDOW WITH ALUMINUM FRAME, BULLET PROOF GLASS AND SPEAKER FOR VOICE COMMUNICATION - SEE BL TYPE 6
- ㉝ CONCRETE RAMP WITH HAND RAILINGS



KEY PLAN

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OCTOBER 13, 2010
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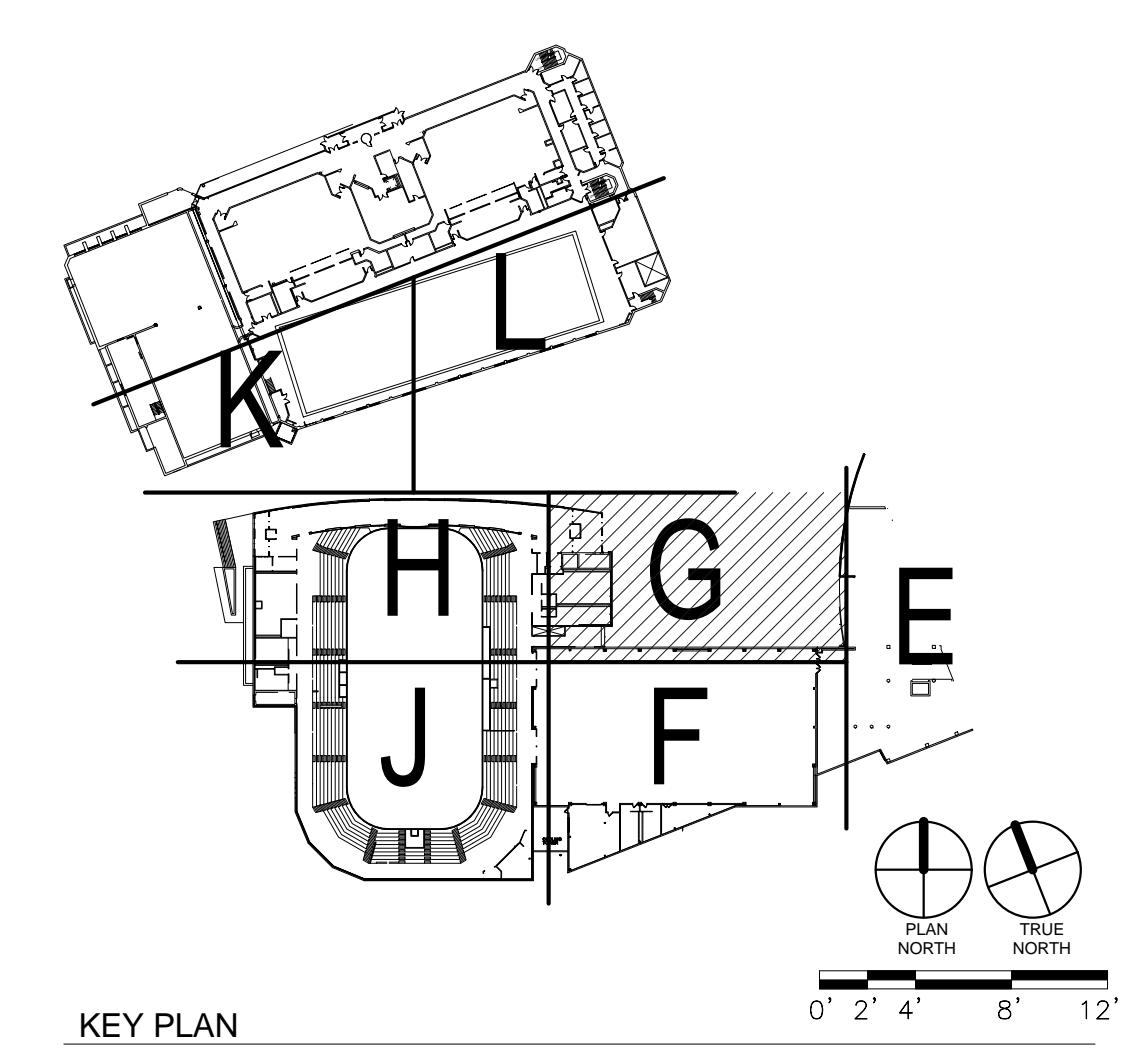
① MAIN CONCOURSE - AREA G
1/8" = 1'-0"

GENERAL NOTES

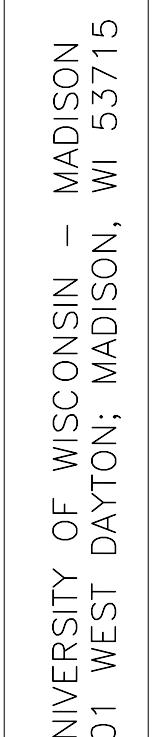
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- PARTITION DIMENSION ARE INDICATED TO FACE OF G/WB, CONCRETE OR UNIT MASONRY.
- ALL FURNITURE, FILES AND OTHER OFFICE EQUIPMENT IS SHOWN FOR REFERENCE, UNLESS NOTED OTHERWISE.
- SEE STRUCTURAL DRAWINGS FOR SLAB EDGE DIMENSIONS.
- CONTRACTOR TO SLOPE FLOOR 1/8" PER 1'-0" AT ALL WET AREA LOCATIONS WITH FLOOR DRAINS (SHOWERS, E.G.).
- BUILT-IN MILLWORK INCLUDING COUNTERTOPS, CABINETS, SHELVES, BENCHES, ETC. SHOWN ON 1/8" FLOOR PLANS ARE TO BE INCLUDED IN THE CONSTRUCTION WORK, UNLESS NOTED OTHERWISE.
- ALL PARTITIONS ARE TO BE TYPE OCD, UNLESS OTHERWISE NOTED. FURRING TO BE TYPE OCD, UNLESS NOTED OTHERWISE.
- AT ALL TRANSITIONS BETWEEN DIFFERENT FLOOR MATERIALS GREATER THAN 18" HEIGHT, SUBFLOOR SHALL BE BUILT UP USING A LEVELING COMPOUND WITH A MAX SLOPE OF 2% (SEE FLOOR FINISH PLANS).
- SPRAY ON FIREPROOFING TO BE ON ALL STRUCTURAL STEEL LESS THAN EQUAL TO 20'-0" ABOVE THE FLOOR BELOW. IF STRUCTURAL STEEL IS BEYOND THE 20'-0" FROM FLOOR BELOW, NO FIREPROOFING IS REQUIRED. PROVIDE INTUMESCENT PAINT IN LIEU OF SPRAY ON FIREPROOFING WHERE NOTED ON DRAWINGS.

KEYED NOTES

- ① FIRE EXTINGUISHER
A. BRASS
B. SEMI-RECESSED CABINET
C. SURFACE MOUNTED
- ② DRINKING FOUNTAIN (SEE PLUMBING DWGS)
A. HILCO ADA STYLE
B. DRINKING FOUNTAIN WITH BOTTLE FILLER
- ③ PROFILE OF BUILDING ABOVE
- ④ EDGE OF BUILDING BELOW
- ⑤ FIRE GUARDRAIL SYSTEM
A. GUARDRAIL
B. HANDRAIL
C. DRINK RAIL
D. GUARDRAIL: STRUCTURAL GLASS
- ⑥ OWNER SUPPLIED EQUIPMENT
- ⑦ CONCRETE RAMP WITH HAND RAILINGS
- ⑧ ALUMINUM BLEACHERS WITH BACKS AND CONTOURED FIBERGLASS SEAT
- ⑨ LOCKERS - SEE INTERIOR ELEVATIONS
- ⑩ BENCHES - SEE INTERIOR ELEVATIONS
- ⑪ THERAPY RECOVERY POOL
A. HOT POOL
B. COLD POOL
- ⑫ CASEWORK (SEE INTERIOR ELEVATIONS)
- ⑬ COUNTER
A. BUILT IN WORK SURFACE - PLASTIC LAMINATE
B. STAINLESS STEEL COUNTER
C. WOOD TRANSACTION COUNTER
- ⑭ EXPOSED STEEL STRUCTURE WITH INTUMESCENT PAINT COATING
- ⑮ KITCHEN EQUIPMENT
- ⑯ SHAFT
- ⑰ CONCRETE RAMP WITH HAND RAILINGS
- ⑱ PLANTER
- ⑲ AREA WELL WITH REMOVABLE GRATING
- ⑳ EXPOSED STRUCTURAL STEEL AND METAL DECKING TO HAVE SPRAYED ON FIREPROOFING FOR FIRE RATING
- ㉑ LOUVER - SEE ELEVATIONS
- ㉒ FIN TUBE HEATING - SEE MEP DRAWINGS
- ㉓ COLD AIR PLENUM: PROVIDE 4 MIN. TAPERED RIGID DUCTS WITH 10' COLD AIR PLENUM TO A 10' HIGH CMU CURB AT LIMITS. STONE PAVERS TO BE PROVIDED OVER EPDM ROOFING
- ㉔ RAISED FLOOR CONSTRUCTION FOR CLASSROOM SEATING: COLD FORMED METAL STUD WALLS WITH METAL DECK AND 4" CONCRETE TOPPING
- ㉕ TRANSACTION WINDOW WITH ALUMINUM FRAME, BULLET PROOF GLASS AND SPEAKER FOR VOICE COMMUNICATION - SEE BL TYPE 6

ATHLETICS HOCKEY / SWIMMING
FACILITY - KOHL CENTER
UNIVERSITY OF WISCONSIN - MADISON
MADISON, WISCONSIN

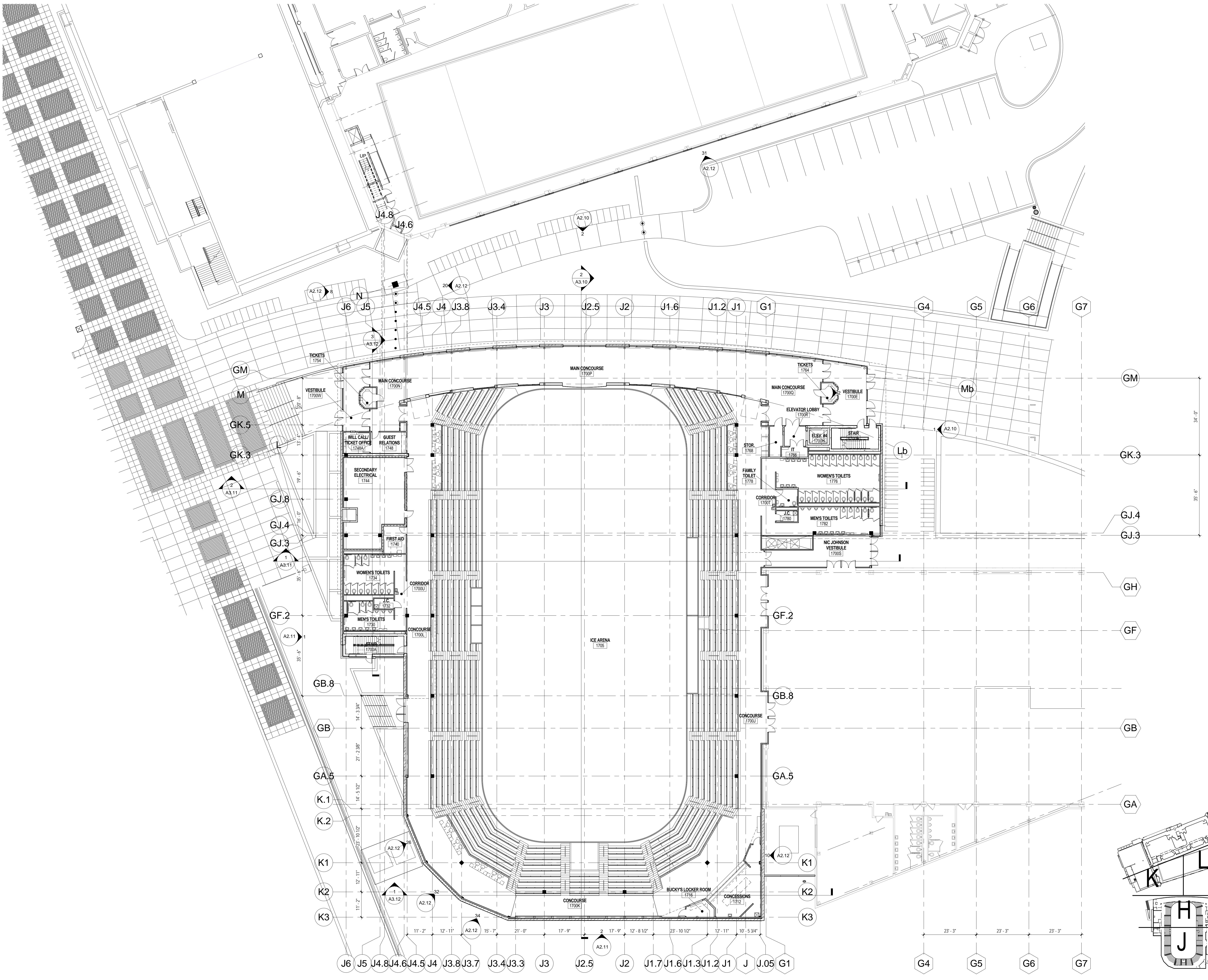
State of Wisconsin
Department of Administration
Division of State Facilities



UNIVERSITY OF WISCONSIN - MADISON, WI 53715

Revisions:		
No.	Date:	Description:

Graphic Scale	DSF Number	Set Type	Date Issued	Sheet Number
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		UDC SUBMITTAL		
			10/13/2010	
				A1.1MCg



1) OVERALL - MAIN CONCOURSE
1/16" = 1'-0"

KEY PLAN

0' 4" 8" 16" 24"
PLAN NORTH
TRUE NORTH

ATHLETICS HOCKEY / SWIMMING
FACILITY - KOHL CENTER
UNIVERSITY OF WISCONSIN - MADISON
MADISON, WISCONSIN
Sheet Title
Overall Floor Plan - Main Concourse

Revisions:
No. Date: Description:

Graphic Scale

DSF Number

09B1U

Set Type

UDC SUBMITTAL

Date Issued

10/13/2010

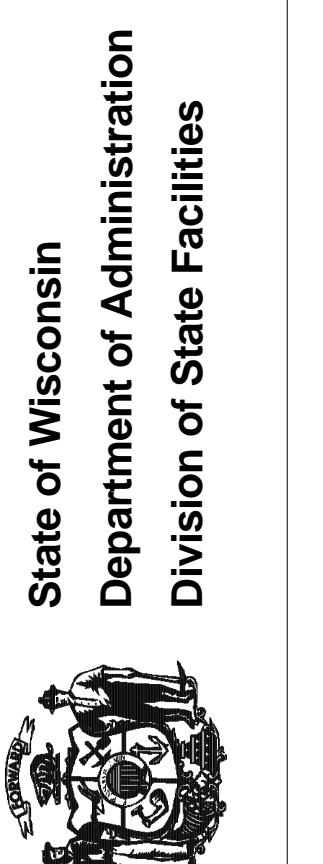
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111 WEST WISCONSIN AVENUE
MILWAUKEE, WI 53203
Tel: 414-272-2000
Fax: 414-272-2001

Kahler Slater
experience design
111 WEST WISCONSIN AVENUE
MILWAUKEE, WI 53203
Tel: 414-272-2000
Fax: 414-272-2001

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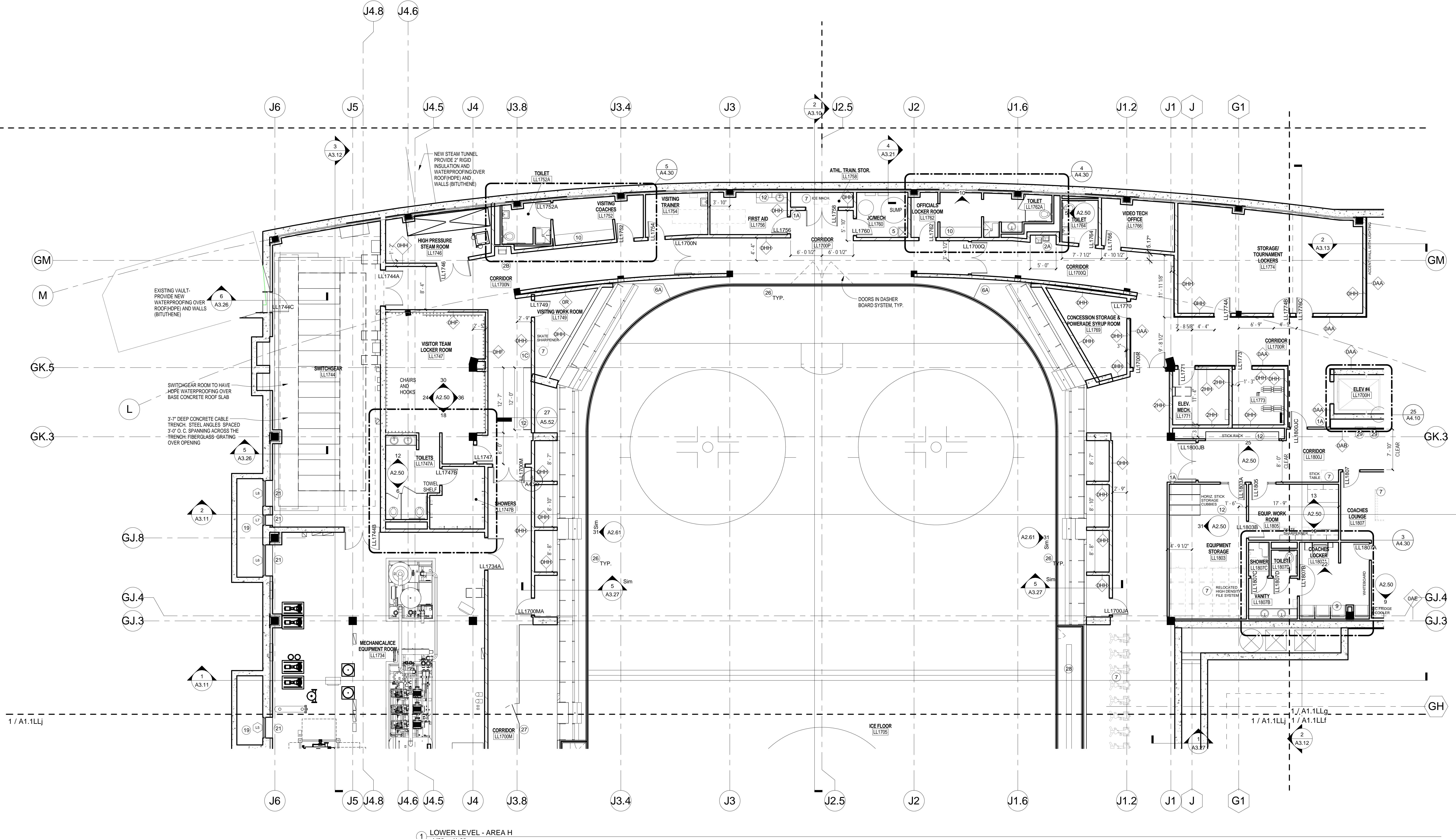
State of Wisconsin
Department of Administration
Division of State Facilities



UNIVERSITY OF WISCONSIN - MADISON
601 WEST DAYTON; MADISON, WI 53715

Sheet Title
Overall Floor Plan - Main Concourse

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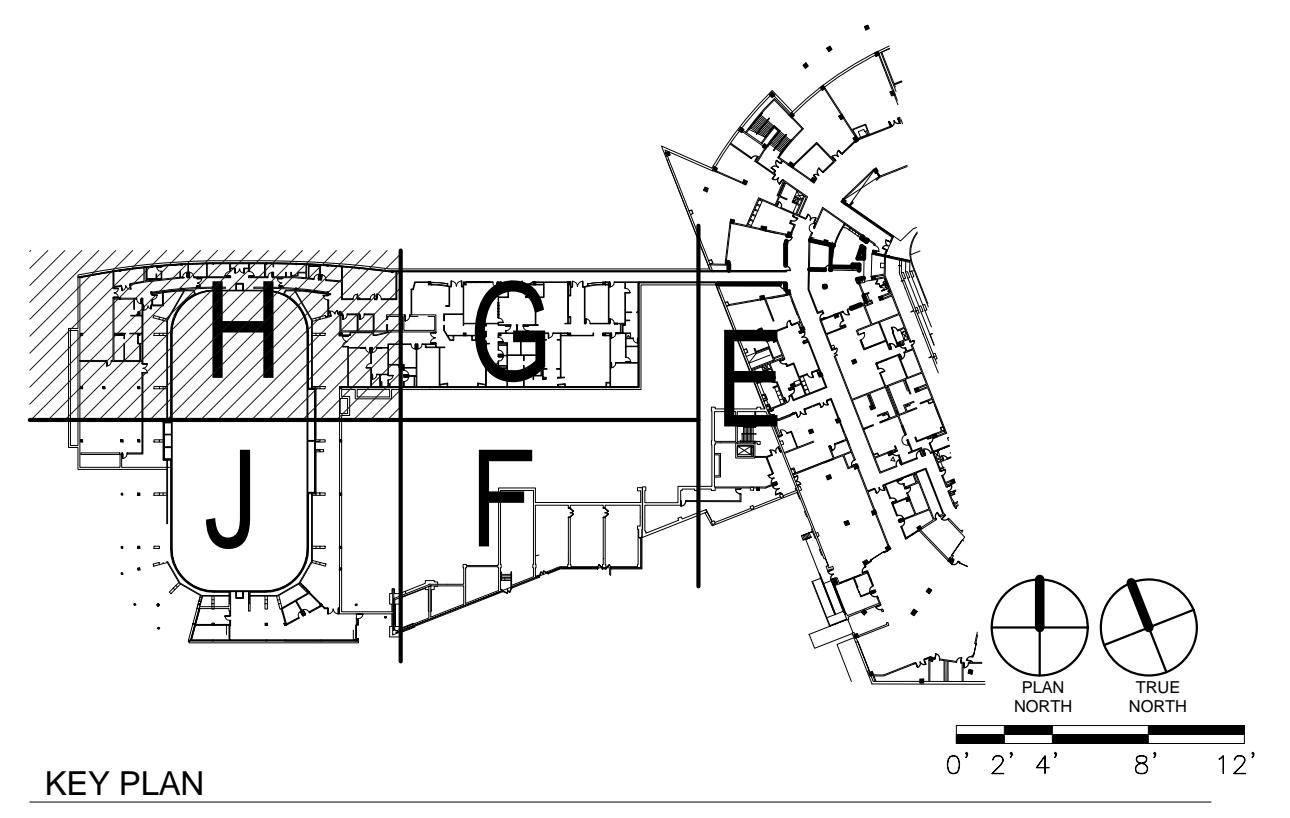
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GENERAL NOTES

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- ALL FURNITURE, FILES AND OTHER OFFICE EQUIPMENT IS SHOWN FOR REFERENCE, UNLESS NOTED OTHERWISE.
- SEE STRUCTURAL DRAWINGS FOR SLAB EDGE DIMENSIONS.
- CONTRACTOR TO SLOPE FLOOR 1/8" PER 1'-0" AT ALL WET AREA LOCATIONS WITH FLOOR DRAINS (SHOWERS, E.G.).
- BUILT-IN MILLWORK INCLUDING COUNTERTOPS, CABINETS, SHELVES, BENCHES, ETC. SHOWN ON 1/8" FLOOR PLANS ARE TO BE INCLUDED IN THE CONSTRUCTION WORK, UNLESS NOTED OTHERWISE.
- ALL PARTITIONS ARE TO BE TYPE OCD, UNLESS OTHERWISE NOTED. FURRING TO BE TYPE OAD, UNLESS NOTED OTHERWISE.
- AT ALL TRANSITIONS BETWEEN DIFFERENT FINISH FLOOR MATERIALS GREATER THAN 1/8" HEIGHT, SUBFLOOR SHALL BE BUILT UP USING A LEVELING COMPOUND WITH A MAX SLOPE OF 2% (SEE FLOOR FINISH PLANS).
- SPRAY ON FIREPROOFING IS TO BE ON ALL STRUCTURAL STEEL LESS THAN AND EQUAL TO 20'-0" ABOVE THE FLOOR BELOW. IF STRUCTURAL STEEL IS BEYOND THE 20'-0" FROM FLOOR BELOW, NO FIREPROOFING IS REQUIRED. PROVIDE INTUMESCENT PAINT IN LIEU OF SPRAY ON FIREPROOFING WHERE NOTED ON DRAWINGS.

KEYED NOTES

- 1x FIRE EXTINGUISHER
A. SEM-RECESSED CABINET
B. SEM-RECESSED CABINET
C. SURFACE MOUNTED
- 2x DRINKING FOUNTAIN (SEE PLUMBING DWGS)
A. HILCO ADA STYLE
B. DRINKING FOUNTAIN WITH BOTTLE FILLER
- 3 PROFILE OF BUILDING ABOVE
- 4 EDGE OF BUILDING BELOW
- 5 MOP SINK & WALL SHELF (SEE 2&3/A2.40)
- 6 RAILING/GUARDRAIL SYSTEM
A. GUARDRAIL
B. HANDRAIL
C. DRINK RAIL
D. GUARDRAIL: STRUCTURAL GLASS
- 7 OWNER SUPPLIED EQUIPMENT
- 8 ALUMINUM BLEACHERS WITH BACKS AND CONTOURED FIBERGLASS SEAT
- 9 LOCKERS - SEE INTERIOR ELEVATIONS
- 10 BENCHES - SEE INTERIOR ELEVATIONS
- 11 THERAPY/RECOVERY POOL
A. HOT POOL
B. COLD POOL
- 12 CASEWORK (SEE INTERIOR ELEVATIONS)
- 13 COUNTER
A. BUILT-IN WORK SURFACE - PLASTIC LAMINATE
B. STAINLESS STEEL COUNTER
C. WOOD TRANSACTION COUNTER
- 14 EXPOSED STEEL STRUCTURE WITH INTUMESCENT PAINT COATING
- 15 KITCHEN EQUIPMENT
- 16 SHAFT
- 17 CONCRETE RAMP WITH HAND RAILINGS
- 18 PLANTER
- 19 AREA WELL WITH REMOVABLE GRATING
- 20 EXPOSED STRUCTURAL STEEL AND METAL DECKING TO HAVE SPRAYED ON FIREPROOFING FOR FIRE RATING.
- 21 LOUVER - SEE ELEVATIONS
- 22 FIN TUBE HEATING - SEE MEP DRAWINGS
- 23 COOL AIR PLENUM - PROVIDED 4" MIN. DIFFERENTIAL INSULATION, EPM. ROOFING FLUSHED TO A 16" HIGH CMU CURB AT LIMITS. STONE PAVERS TO BE PROVIDED OVER EPM ROOFING
- 24 RAISED FLOOR CONSTRUCTION FOR CLASSROOM SEATING: COLD FORMED METAL STUD WALLS WITH METAL DECK AND 4" CONCRETE TOPPING
- 25 TRANSACTION WINDOW WITH ALUMINUM FRAME, BULLET PROOF GLASS AND SPEAKER FOR VOICE COMMUNICATION - SEE 8L TYPE 8
- 26 DASHER BOARD SYSTEM
- 27 CHAIN LINK FENCE FROM FLOOR TO UNDERSIDE OF SEATING RISERS WITH GATES AND VINYL MESH BACKING
- 28 PLASTIC BENCH
- 29 ELECTRICAL PANEL - SEE ELECTRICAL DRAWINGS
- 30 FULL RECESSED ANNUNCIATOR PANEL SEE, ELEC. DRAWINGS



ATHLETICS HOCKEY / SWIMMING
FACILITY - KOHL CENTER
UNIVERSITY OF WISCONSIN - MADISON
MADISON, WISCONSIN
Floor Plan - Main Concourse - Area H

Revisions:
No. Date Description:

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Graphic Scale

DSF Number 09B1U

Set Type UDC SUBMITTAL

Date Issued 10/13/2010

Sheet Number A1.1LLh

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OCTOBER 13, 2010
NOT FOR CONSTRUCTIONState of Wisconsin
Department of Administration
Division of State Facilities

UNIVERSITY OF WISCONSIN - MADISON

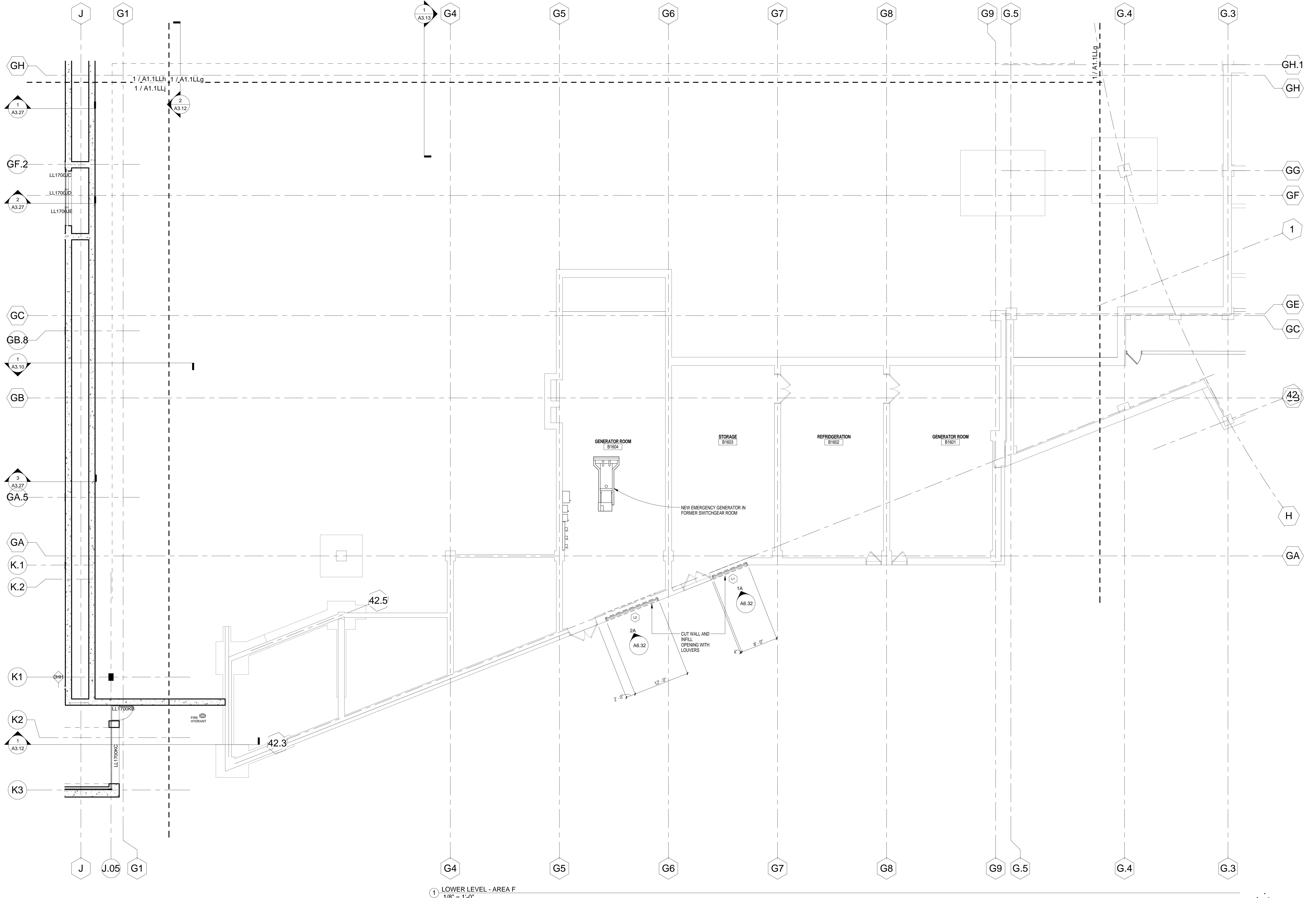
601 WEST DAYTON; MADISON, WI 53715

ATHLETICS HOCKEY / SWIMMING
FACILITY - KOHL CENTER
UNIVERSITY OF WISCONSIN - MADISON
MADISON, WISCONSIN
Floor Plan - Lower Level - Area F

Revisions:		
No.	Date:	Description:

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Graphic Scale	
DSF Number	09B1U
Set Type	UDC SUBMITTAL
Date Issued	10/13/2010
Sheet Number	A1.1LLf



LOWER LEVEL - AREA F

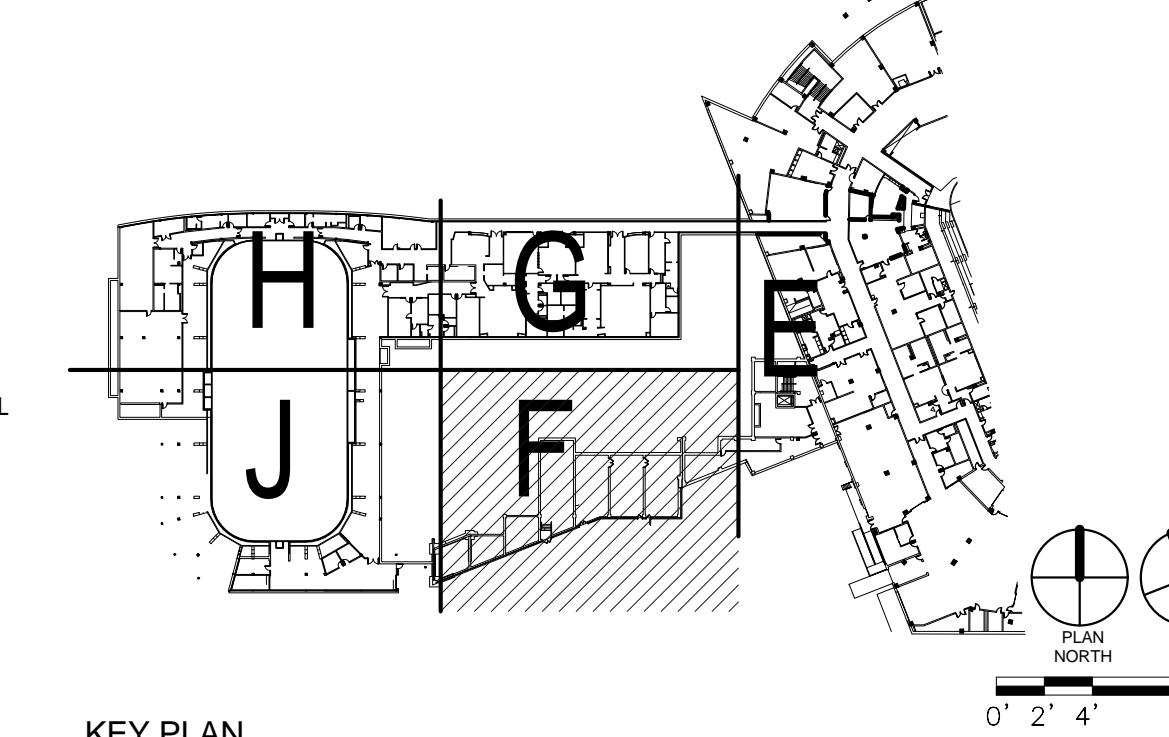
1/8" = 1'-0"

GENERAL NOTES

- DO NOT SCALE DRAWINGS. VERIFY ALL EXISTING CONDITIONS AT SITE BEFORE PROCEEDING WITH WORK.
- ANY DISCREPANCY BETWEEN INFORMATION ON DRAWINGS AND ACTUAL FIELD CONDITIONS SHOULD BE BROUGHT TO ARCHITECT'S ATTENTION FOR RESOLUTION PRIOR TO COMMENCING WORK.
- PARTITION DIMENSIONS ARE INDICATED TO FACE OF GWF, CONCRETE OR UNIT MASONRY.
- ALL FURNITURE, FILES AND OTHER OFFICE EQUIPMENT IS SHOWN FOR REFERENCE, UNLESS NOTED OTHERWISE.
- SEE STRUCTURAL DRAWINGS FOR SLAB EDGE DIMENSIONS.
- CONTRACTOR TO SLOPE FLOOR 1/8" PER 1'-0" AT ALL WET AREA LOCATIONS WITH FLOOR DRAINS (SHOWERS, E.G.).
- BUILT-IN MILLWORK INCLUDING COUNTERTOPS, CABINETS, SHELVES, BENCHES, ETC. SHOWN ON 18" FLOOR PLANS ARE TO BE INCLUDED IN THE CONSTRUCTION WORK, UNLESS NOTED OTHERWISE.
- ALL PARTITIONS ARE TO BE TYPE OCD, UNLESS OTHERWISE NOTED. FURRING TO BE TYPE OCD, UNLESS NOTED OTHERWISE.
- AT ALL TRANSITIONS BETWEEN DIFFERENT FINISH FLOOR MATERIALS GREATER THAN 1/8" HEIGHT, SUBFLOOR SHALL BE BUILT UP USING A LEVELING COMPOUND WITH A MAX SLOPE OF 2% SEE FLOOR FINISH PLANS.
- SPRAY ON FIREPROOFING TO BE ON ALL STRUCTURAL STEEL LESS THAN AND EQUAL TO 20' ABOVE THE FLOOR BELOW. IF STRUCTURAL STEEL IS BEYOND THE 20' FROM FLOOR BELOW, NO FIREPROOFING IS REQUIRED. PROVIDE INTUMESCENT PAINT IN LIEU OF SPRAY ON FIREPROOFING WHERE NOTED ON DRAWINGS.

KEYED NOTES

- 1 FIRE EXTINGUISHER
A. RECESSED CABINET
B. SEMI-RECESSED CABINET
C. SURFACE MOUNTED
- 2 DRINKING FOUNTAIN (SEE PLUMBING DWGS)
A. HILO ADA STYLE
B. DRINKING FOUNTAIN WITH BOTTLE FILLER
- 3 PROFILE OF BUILDING ABOVE
- 4 EDGE OF BUILDING BELOW
- 5 MOP SINK & WALL SHELF (SEE 243/A2.40)
- 6 RAILING/GUARDRAIL SYSTEM
A. GUARDRAIL
B. HANDBAR
C. DRINK RAIL
- 7 OWNER SUPPLIED EQUIPMENT
- 8 ALUMINUM BLEACHERS WITH BACKS AND CONTOURED FIBERGLASS SEAT
- 9 LOCKERS - SEE INTERIOR ELEVATIONS
- 10 BENCHES - SEE INTERIOR ELEVATIONS
- 11 THERAPY/RECOVERY POOL
A. HOT POOL
B. COLD POOL
- 12 CASEWORK (SEE INTERIOR ELEVATIONS)
- 13 COUNTER
A. BUILT-IN WORK SURFACE - PLASTIC LAMINATE
B. STAINLESS STEEL COUNTER
C. WOOD TRANSACTION COUNTER
- 14 EXPOSED STEEL STRUCTURE WITH INTUMESCENT PAINT COATING
- 15 KITCHEN EQUIPMENT
- 16 SHAFT
- 17 CONCRETE RAMP WITH HAND RAILINGS
- 18 PLANTER
- 19 AREA WELL WITH REMOVABLE GRATING
- 20 EXPOSED STRUCTURAL STEEL AND METAL DECKING TO HAVE SPRAYED ON FIREPROOFING FOR FIRE RATING.
- 21 LOUVER - SEE ELEVATIONS
- 22 FIN TUBE HEATING - SEE MEP DRAWINGS
- 23 COLD AIR PLenum - PROVIDE 4' MIN. TOPPED WITH INSULATION IN 12'0" ROOFING FLASHED TO A 16" HIGH CMU Curb AT LIMITS. STONE PAVERS TO BE PROVIDED OVER EPDM ROOFING
- 24 RAISED FLOOR CONSTRUCTION FOR CLASSROOM SEATING: COLD FORMED METAL STUD FRAMING, METAL DECK AND 4" CONCRETE TOPPING
- 25 TRANSCONTINENTAL WINDOW WITH ALUMINUM FRAME, BULLETPROOF GLASS AND SPEAKER FOR VOICE COMMUNICATION- SEE BL TYPE 6
- 26 DASHER BOARD SYSTEM
- 27 PLANK LINK FENCE FROM FLOOR TO UNDERSIDE OF SEATING RISERS WITH GATES AND VINYL MESH BACKING.
- 28 PLASTIC BENCH
- 29 ELECTRICAL PANEL - SEE ELECTRICAL DRAWINGS
- 30 FULL RECESSED ANNUNCIATOR PANEL SEE, ELEC. DRAWINGS

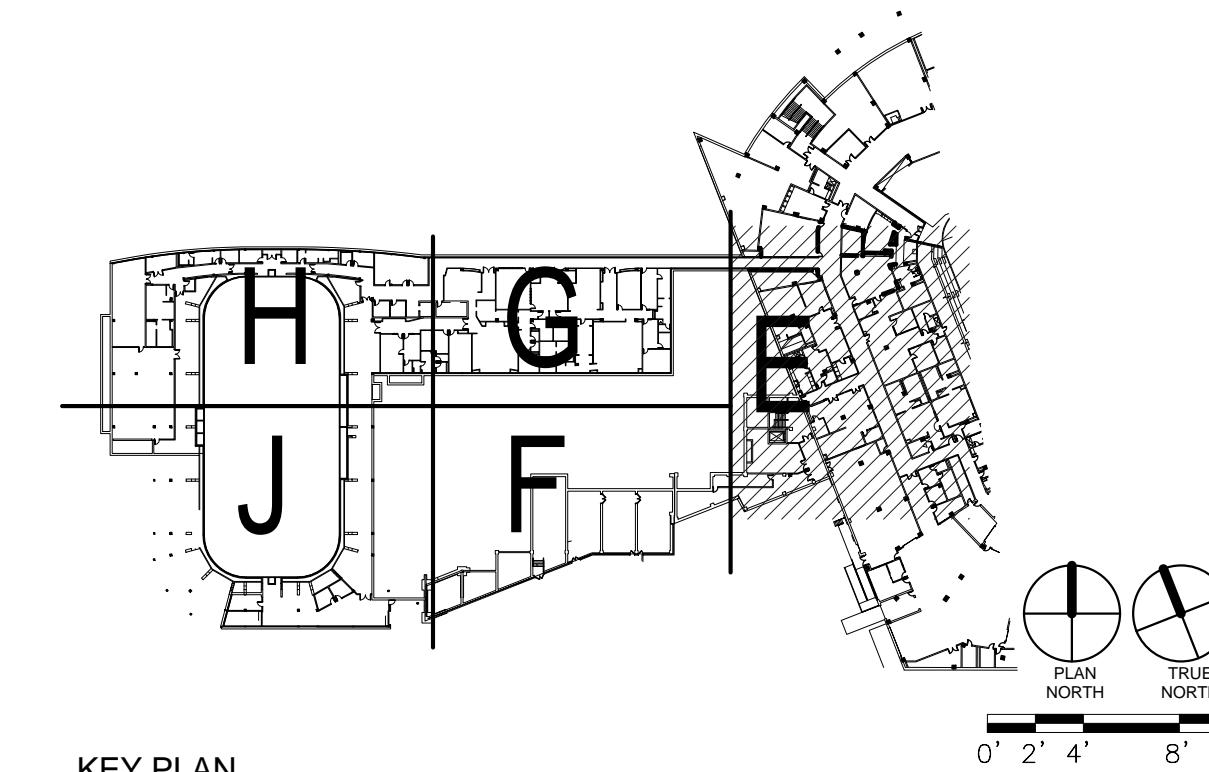
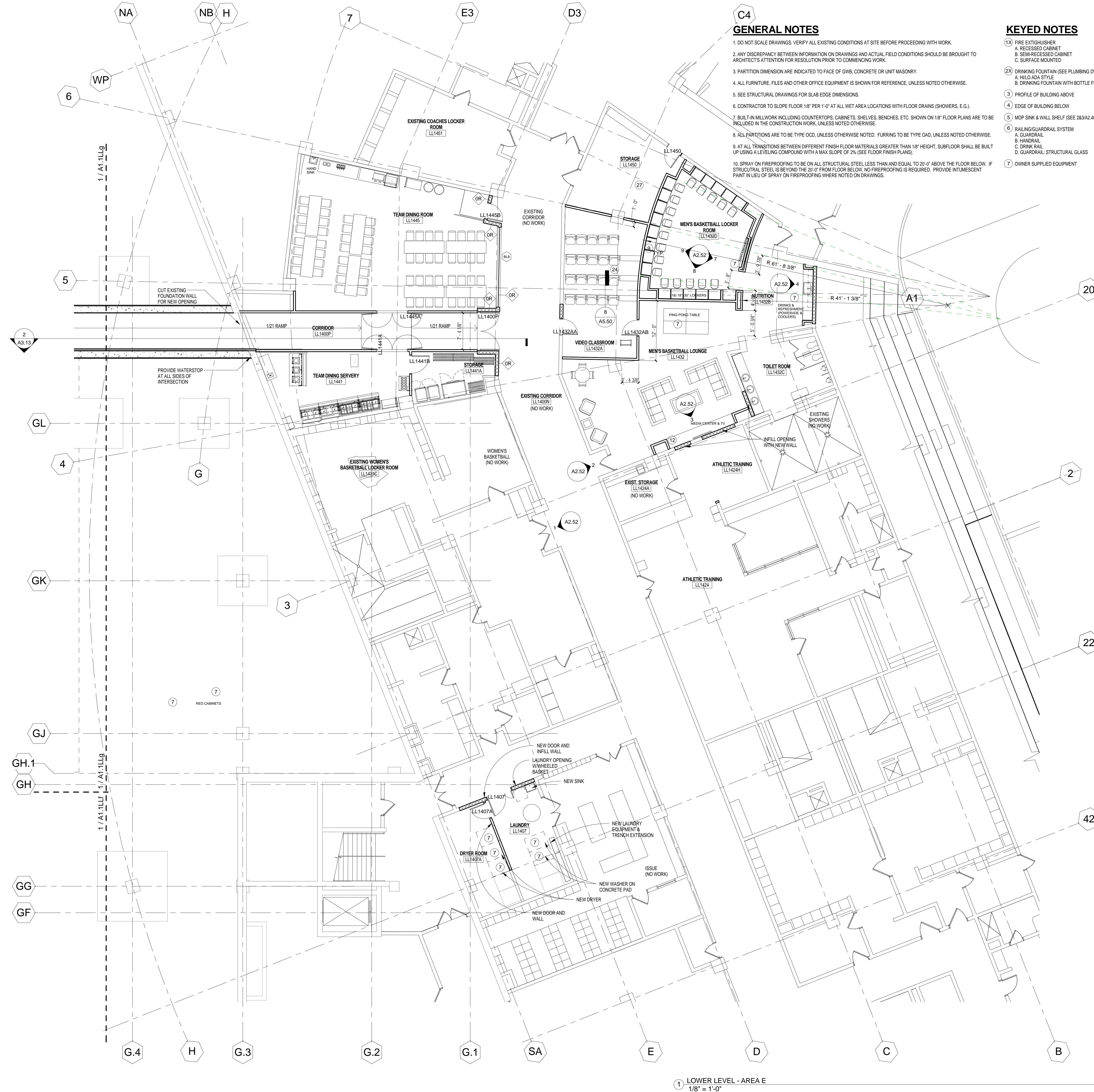


KEY PLAN

**UDC SUBMITTAL SET
OCTOBER 13, 2010
NOT FOR CONSTRUCTION**

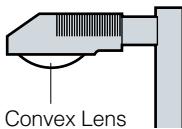


**ATHLETICS HOCKEY / SWIMMING
FACILITY - KOHL CENTER
UNIVERSITY OF WISCONSIN - MADISON
MADISON, WISCONSIN**



KEY PLAN

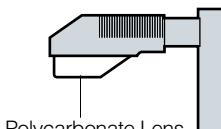
6 Optional Convex Glass Lens:



Cat. No.: **CGL**

Tempered convex glass lens replaces standard flat lens. Optics become cutoff.

7 Optional Polycarbonate Lens:



Cat. No.: **LS**

Polycarbonate Lens replaces standard tempered glass lens. 250 Watt Maximum. May be used with 400HPS in outdoor locations where ambient air temperature during fixture operation will not exceed 85°F.

See "CAUTION" on page 17.

8 Optional Houseside Shield:



Cat. No.: **HS**

Recommended for use with clear lamps only. Effectiveness is reduced for coated lamps. Not for use with Type V light distributions.



Cat. No.: **HSC**

For use with all fixtures with convex glass lens. Not for use with Type V light distributions.

9 Optional Tamper-Resistant Latch:



Cat. No.: **TL**

Standard die-cast latch is provided with a captive 10-32 stainless steel flat socket-head screw to prevent unauthorized opening. Required only for vandal protection in locations where fixtures can be reached by unauthorized persons.

10 Optional Support Arm:

NOTE: Refer to Kim Lighting's Architectural Arms Catalog for complete details.

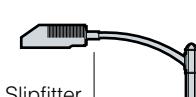
Optional Support Arm **cannot be used with #12 Pole Mounted Structural Option.**

¹Same as standard arm

Arm Cat. No.:

Mounting:	Optional Support Arm:	AA01	AA03	AA05	AA07 ¹	AA09	AA11
	Swept Solid Arm						
1A	EPA for fixture and arm:	1.4	1.1	1.7	1.2	1.9	1.9
2B		2.8	2.2	3.4	2.4	3.8	3.8
2L		2.2	1.9	2.5	2.0	2.7	2.7
3T		3.6	3.0	4.2	3.2	4.6	4.6
3Y		3.6	3.0	4.2	3.2	4.6	4.6
4C		4.3	3.7	4.9	3.9	5.3	5.3

11 Optional Horizontal Slipfitter Mount:



Cat. No.: **HSF**

Replaces standard mounting arm with a slipfitter for mounting to a horizontal pole davit-arm with 2" pipe-size mounting end (2 $\frac{3}{8}$ " O.D.).

12 Special Options for Street Lighting:

Cat. No.: **TB** Terminal Block located inside the fixture electrical compartment.

Cat. No.: **AF** Air Filter to allow ventilation through the optical chamber.

13 Poles:

See Kim Pole Catalog for a complete selection of square and round poles in aluminum or steel.

14 Optional Vertical Slipfitter Mounts:



Cat. No.
VSF-1A
VSF-2B
VSF-2L
VSF-3T
VSF-3Y
VSF-4C



Square

Cat. No.
SVSF-1A
SVSF-2B
SVSF-2L
SVSF-3T
—
SVSF-4C

Mounting Configuration
1A - Single arm mount
2B - 2 at 180°
2L - 2 at 90°
3T - 3 at 90°
3Y - 3 at 120°
4C - 4 at 90°

Allows standard fixture and arm to be mounted to poles having a 2" pipe-size tenon (2 $\frac{3}{8}$ " O.D. x 4 $\frac{1}{2}$ " min. length).