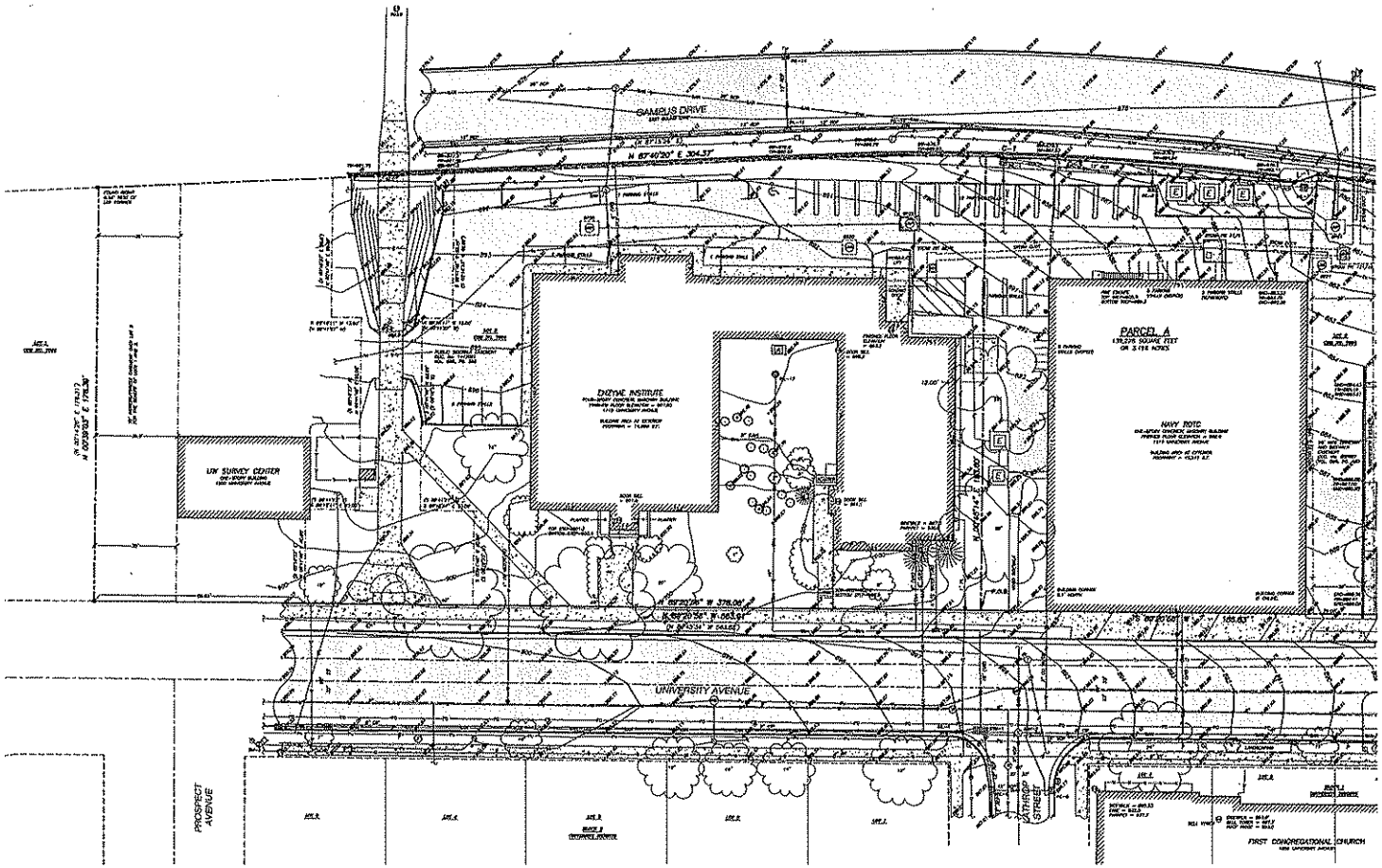


LEGEND

- 1/2" REBAR FOUND
- 1/2" REBAR SET (1.50 LBS/LF)
- COTTON SPINDLE SET
- BENCHMARK
- FINISHED FLOOR SHOT LOCATION
- BOLLARD
- SIGN
- ELECTRIC MANHOLE
- ELECTRIC TRANSFORMER
- VALVE
- POWER POLE W/GUY
- LIGHT POLE
- TRAFFIC SIGNAL
- GAS REGULATOR/METER
- TELEPHONE MANHOLE
- SANITARY MANHOLE
- CLEAN OUT
- STORM MANHOLE
- ROUND CASTED INLET
- SQUARE CASTED INLET
- CURB INLET
- STORM SEWER ACCESS
- HYDRANT
- WATER OR GAS VALVE
- DECIDUOUS TREE
- CONIFEROUS TREE
- HANDICAP PARKING
- PARKING METER
- PARCEL BOUNDARY
- RIGHT-OF-WAY LINE
- PLATTED LOT LINE
- CENTERLINE
- OVERHEAD LINE
- EASEMENT LINE
- LANDSCAPE LIMITS
- FENCE LINE
- EDGE OF PAVEMENT
- CONCRETE CURB & GUTTER
- FIBER OPTIC
- NATURAL GAS
- UNDERGROUND ELECTRIC
- SANITARY SEWER
- STORM SEWER
- UNDERGROUND TELEPHONE
- WATER LINE
- BUILDING
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- SPOT ELEVATION
- BITUMINOUS PAVEMENT
- CONCRETE PAVEMENT
- CONCRETE RETAINING WALL
- ( ) RECORDED INFORMATION

NOTES

1. BEARINGS FOR THIS SURVEY AND MAP ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, DANE COUNTY ZONE.
2. ELEVATIONS FOR THIS SURVEY AND MAP ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). SITE BENCHMARK IS A SYSCOM CAP ON THE NORTH SIDE OF UNIVERSITY AVENUE IN FRONT OF 1553 GAMMOSITY AVENUE. ELEVATION = 887.21.
3. CONTOUR INTERVAL IS ONE FOOT.
4. FIELD WORK PERFORMED BY JSD PROFESSIONAL SERVICES, INC. THE WEEK OF OCTOBER 12, 2009.
5. SUBSURFACE UTILITIES AND FEATURES SHOWN ON THIS MAP HAVE BEEN APPROXIMATED BY LOCATING SURFACE FEATURES AND APPURTENANCES, LOCATING DIGGERS HOTLINE (800 DIGGERS) MARKINGS AND BY REFERENCE TO UTILITY RECORDS AND MAPS. DIGGER'S HOTLINE TICKET NO. 20091015715.
6. BEFORE EXCAVATION, APPROPRIATE UTILITY COMPANIES SHOULD BE CONTACTED FOR EXACT LOCATION OF UNDERGROUND UTILITIES. CONTACT DIGGERS HOTLINE AT 1.800.242.8511.
7. THE ACCURACY OF THE BENCHMARKS SHOWN ON THIS MAP SHALL BE VERIFIED BEFORE BEING UTILIZED. JSD PROFESSIONAL SERVICES, INC. DOES NOT WARRANT THE ACCURACY OF THESE BENCHMARKS.
8. THIS PARCEL IS ZONED CR, OFFICE RESIDENCE FOR THE CITY OF MADISON ASSESSOR'S WEBSITE.
9. THIS PARCEL IS SUBJECT TO ALL EASEMENTS AND AGREEMENTS, BOTH RECORDED AND UNRECORDED.
10. ELEVATIONS SHOWN ALONG CURB AND GUTTER REFERENCE THE TOP BACK OF CURB.

LEGAL DESCRIPTION

LOT 2, CERTIFIED SURVEY MAP NO. 7084, RECORDED IN VOLUME 35 OF DANE COUNTY CERTIFIED SURVEY MAPS ON PAGES 274-275 AS DOCUMENT NUMBER 3453338, CITY OF MADISON, DANE COUNTY, WISCONSIN.

TAX KEY NO: 251/0708-123-0102-8

SURVEYOR'S CERTIFICATE

I, DAVE M. JOHNSON, WISCONSIN REGISTERED LAND SURVEYOR NO. S-2253, HEREBY CERTIFY THAT THIS EXISTING CONDITIONS SURVEY AND MAP IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF IN ACCORDANCE WITH THE INFORMATION PROVIDED.

DAVID M. JOHNSON, S-2253
REGISTERED LAND SURVEYOR

DATE

STATE OF WISCONSIN
DAVID M. JOHNSON
S-2253
SURVEYOR

CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	TANGENT	BEARING	CHORD BEARING
C-1	206.06'	1363.22'	10°12'36"	103.38'	205.87'	S 66°16'16" E
C-2	222.06'	1169.62'	10°52'02"	111.27'	221.72'	S 67°20'45" E
C-3	189.95'	1169.62'	9°18'17"	95.12'	189.77'	S 72°24'04" E
C-4	32.11'	20.00'	91°57'11"	20.57'	28.78'	N 45°58'31" E

LINE TABLE

LINE	BEARING	DISTANCE
L-1	N 72°10'00" E	10.00'
L-2	N 79°40'00" E	10.00'
L-3	N 87°40'00" E	13.75'
L-4	N 87°40'00" E	5'

BENCHMARKS

BENCH MARK	ELEVATION	DESCRIPTION
BM-1	887.21	TOP NUT ON HYDRANT IN FRONT OF 1553 UNIVERSITY AVENUE.
BM-2	905.53	TOP NUT ON HYDRANT SE CORNER OF PROSPECT AND UNIVERSITY.

STORM SEWER INLETS

INLET ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
IN-1	887.23	E	883.41	8"	PVC
		W	883.58	12"	RCP
IN-2	889.53	E	882.98	12"	RCP
IN-3	879.61	E	875.09	12"	RCP
		W	874.64	15"	RCP
IN-4	884.93	E	881.48	12"	RCP
IN-5	893.62	E	890.18	12"	RCP
IN-6	898.51	E	893.33	12"	RCP
		W	893.53	12"	RCP
		N	893.58	12"	RCP
IN-7	884.93	N	881.48	12"	RCP
IN-8	878.90	N	875.06	12"	RCP
IN-9	877.37	E	874.04	12"	RCP
		W	873.37	12"	RCP
		N	873.41	12"	RCP
IN-10	877.12	E	873.12	12"	RCP
IN-11	874.65	E	871.65	12"	RCP
		W	873.90	12"	RCP
IN-12	879.81	E	873.16	12"	RCP
		W	873.21	12"	RCP
		N	873.17	12"	RCP
		NW	873.17	12"	RCP
IN-13	881.53	E	878.03	12"	RCP
IN-14	874.20	E	874.59	12"	RCP
		W	874.05	12"	RCP
IN-15	877.70	E	873.24	12"	RCP
		W	*	12"	RCP
		N	*	12"	RCP
IN-16	877.07	E	*	12"	RCP
IN-17	874.70	E	873.90	12"	RCP
		NW	*	12"	RCP
		N	873.70	12"	RCP
IN-18	877.61	E	874.66	12"	RCP
		W	874.58	12"	RCP
IN-19	878.11	NW	873.19	12"	RCP
		NW	*	12"	RCP
		N	873.20	12"	RCP
IN-20	878.85	E	873.40	12"	RCP
		NW	873.50	12"	RCP
IN-21	875.75	E	873.25	24"	RCP
		W	873.05	24"	RCP

* PARTIAL OF DESIGN

STORM SEWER MANHOLES

STRUCT. ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
STM-1	888.69	E	881.78	12"	RCP
		W	881.90	15"	RCP
		S	(1)		
		N	(1)		
STM-2	883.33	E	880.72	15"	RCP
		SW	881.07		RCP
		W	880.72	18"x24"	RCP
STM-3	878.33	E	875.83	18"x24"	RCP
		W	875.83	18"x24"	RCP
		S	875.83	24"	RCP
		N	874.93	18"x24"	RCP
STM-4	879.32	E	874.93	24"	RCP
		W	874.93	24"	RCP
		N	874.93	24"	RCP
		S	876.17	18"x24"	RCP
STM-5	883.84	NW	879.84	12"	RCP
		SW	879.84	12"	RCP

(1) COULD NOT SEE PIPE TO MEASURE.

SANITARY SEWER MANHOLES

STRUCT. ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
SAN-1	891.41	E	885.30	8"	PVC
		W	885.30	8"	PVC
SAN-2	896.11	E	891.00	8"	CIP
		W	891.00	8"	CIP
		S	887.48	8"	VCP
		N	887.48	8"	VCP
SAN-3	883.33	E	877.18	8"	CIP
		W	877.20	8"	CIP
		SE	877.30	8"	VCP
		NE	877.15	8"	VCP
SAN-4	883.15	E	877.91	8"	VCP
		W	877.91	8"	VCP
		NW	877.91	8"	VCP
		S	877.91	8"	VCP
		N	877.93	8"	VCP
SAN-5	877.96	E	872.03	10"	VCP
		S	872.73	8"	PVC
		N	872.07	10"	VCP
SAN-6	882.55	E	877.71	8"	VCP
		W	877.81	8"	VCP
		S	877.81	8"	VCP
		N	877.83	8"	VCP
SAN-7	882.22	E	877.13	8"	VCP
		W	877.18	8"	VCP
SAN-8	877.66	E	872.31	8"	VCP
		NW	872.22	8"	VCP
		N	872.22	8"	VCP
SAN-9	883.99	E	877.50	8"	VCP
		NW	877.50	8"	VCP

(2) PIPE SIZE COULD NOT BE DETERMINED.
(1) INSIDE DROP PIPE.

CALL DIGGERS HOTLINE
1-800-242-8511 TOLL FREE

0 10' 20' 40'
SCALE IN FEET

PREPARED FOR:
POTTER LANDON INC.
15 ELLIS POTTER COURT
MADISON, WI 53711

PROJECT NO.	09-2810	SURVEYED BY:	JK
FILE NO.	2-06	DRAWN BY:	JK
FIELDBOOK/PG	2/06,08	CHECKED BY:	DJ
SHEET NO.	1 OF 1	APPROVED BY:	DMJ

DRAWING:
J:\2009\09-2810\Survey\09-2810-Existing.dwg

Consultants:
JSD Professional Services, Inc.
Engineers • Surveyors • Planners
• PLANNING & DEVELOPMENT
• CIVIL ENGINEERING
• TRANSPORTATION ENGINEERING
• LANDSCAPE ARCHITECTURE
• SURVEYING AND MAPPING
• CONSTRUCTION MANAGEMENT
MADISON REGIONAL OFFICE
131 Hudson Drive
Suite 1
Sun Prairie, Wisconsin 53590
(608) 843-3000

EXISTING CONDITIONS SURVEY

LOT 2, CERTIFIED SURVEY MAP No. 7084, AS RECORDED IN VOLUME 35, ON PAGES 274 AND 275 OF CERTIFIED SURVEY MAPS, BEING LOCATED IN THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 22, TOWN 7 NORTH, RANGE 9 EAST, CITY OF MADISON, DANE COUNTY, WISCONSIN.

State of Wisconsin
Department of Administration
Division of State Facilities

Agency / Institution:
DOA - Division of State Facilities

Project Title:
WISCONSIN ENERGY INSTITUTE
UW Wisconsin - Madison

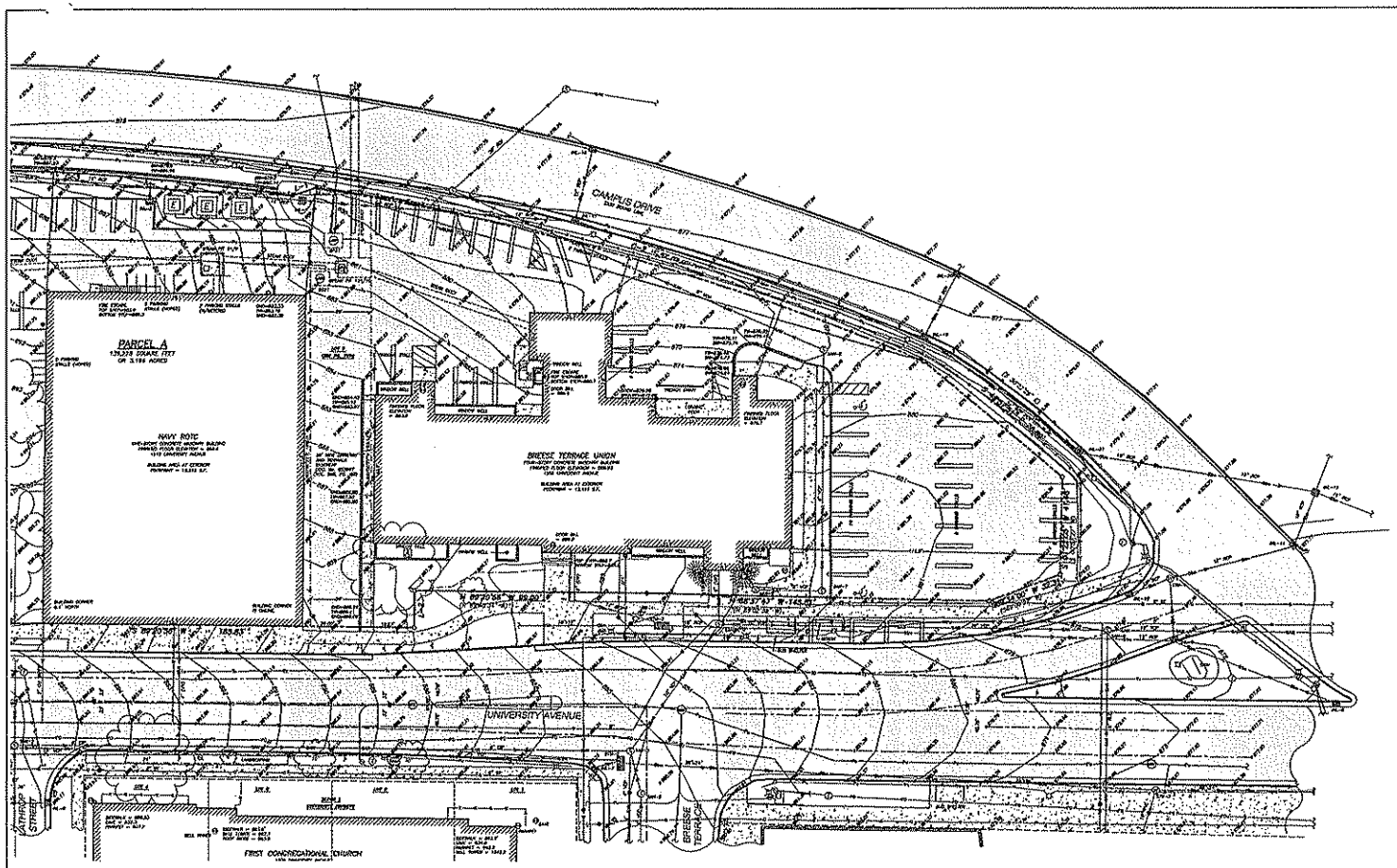
Project Location:
Madison, Wisconsin

Sheet Title:
EXISTING CONDITIONS SURVEY

Revisions:

No.	Date	By:	Description

Scale: 1" = 20'
Graphic Scale: 0' 5' 10' 20' 30'
DSF Number: 08A2E
Bid Type: 100% Review
Date Issued: 10/21/2009
Sheet Number: C100A



LEGEND

- 5/8" REBAR FOUND
- 1/2" REBAR SET (1.50 LBS/LF)
- COTTON SPINDLE SET
- BENCHMARK
- FINISHED FLOOR SPOT LOCATION
- BOLLARD
- DOH
- ELECTRIC MANHOLE
- ELECTRIC TRANSFORMER
- VAULT
- POWER POLE W/GUY
- LIGHT POLE
- TRAFFIC SIGNAL
- GAS REGULATOR/METER
- TELEPHONE MANHOLE
- SANITARY MANHOLE
- CLEAN OUT
- STORM MANHOLE
- ROUND CASTED INLET
- SQUARE CASTED INLET
- CURB INLET
- STORM SEWER ACCESS
- HYDRANT
- WATER OR GAS VALVE
- DECIDUOUS TREE
- CONIFEROUS TREE
- HANDICAP PARKING
- PARKING METER
- PARCEL BOUNDARY
- RIGHT-OF-WAY LINE
- PLATTED LOT LINE
- CENTERLINE
- CURVE LINE
- EASEMENT LINE
- LANDSCAPE TIMBER
- FENCE LINE
- EDGE OF PAVEMENT
- CONCRETE CURB & GUTTER
- FIBER OPTIC
- NATURAL GAS
- UNDERGROUND ELECTRIC
- SANITARY SEWER
- STORM SEWER
- UNDERGROUND TELEPHONE
- WATER LINE
- BUILDING
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- SPOT ELEVATION
- BITUMINOUS PAVEMENT
- CONCRETE PAVEMENT
- CONCRETE RETAINING WALL
- ( ) RECORDED INFORMATION

NOTES

1. BEARINGS FOR THIS SURVEY AND MAP ARE REFERENCED TO THE MADISON COUNTY COORDINATE SYSTEM, DANE COUNTY ZONE.
2. ELEVATIONS FOR THIS SURVEY AND MAP ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). SITE BENCHMARK IS A HYDRANT ON THE NORTH SIDE OF UNIVERSITY AVENUE IN FRONT OF 1552 UNIVERSITY AVENUE. ELEVATION = 867.81.
3. CONTOUR INTERVAL IS ONE FOOT.
4. FIELD WORK PERFORMED BY JSD PROFESSIONAL SERVICES, INC. THE WEEK OF OCTOBER 13, 2000.
5. SUBSURFACE UTILITIES AND FEATURES SHOWN ON THIS MAP HAVE BEEN APPROXIMATED BY LOCATING SURFACE FEATURES AND APPURTENANCES, LOCATING DIGGERS HOTLINE FIELD MARKINGS AND BY REFERENCE TO UTILITY RECORDS AND MAPS. DIGGERS HOTLINE TICKET NO. 2009101101.
6. BEFORE EXCAVATION, APPROPRIATE UTILITY COMPANIES SHOULD BE CONTACTED FOR EXACT LOCATION OF UNDERGROUND UTILITIES. CONTACT DIGGERS HOTLINE AT 1.800.242.8511.
7. THE ACCURACY OF THE BENCHMARKS SHOWN ON THIS MAP SHALL BE VERIFIED BEFORE BEING UTILIZED. JSD PROFESSIONAL SERVICES, INC. DOES NOT WARRANT THE ACCURACY OF THESE BENCHMARKS.
8. THIS PARCEL IS ZONED OR, OFFICE RESIDENCE FOR THE CITY OF MADISON ASSESSOR'S WEBSITE.
9. THIS PARCEL IS SUBJECT TO ALL EASEMENTS AND AGREEMENTS, BOTH RECORDED AND UNRECORDED.
10. ELEVATIONS SHOWN ALONG CURB AND GUTTER REFERENCE THE TOP EDGE OF CURB.

LEGAL DESCRIPTION

LOT 2, CERTIFIED SURVEY MAP NO. 7064, RECORDED IN VOLUME 33 OF DANE COUNTY CERTIFIED SURVEYS MAPS ON PAGES 274-275 AS DOCUMENT NUMBER 3451358. CITY OF MADISON, DANE COUNTY, WISCONSIN.

TAX KEY NO: 251/0709-172-0102-8

SURVEYOR'S CERTIFICATE

I, DANE M. JENNINGS, WISCONSIN REGISTERED LAND SURVEYOR NO. S-2715, HEREBY CERTIFY THAT THIS EXISTING CONDITIONS SURVEY AND MAP IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF IN ACCORDANCE WITH THE INFORMATION PROVIDED.

DANE M. JENNINGS, S-2715
REGISTERED LAND SURVEYOR

DATE

WISCONSIN DANE M. JENNINGS S-2715 MADISON, WI SURVEYOR

CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD	CHORD BEARING
C-1	208.39'	1,021.02'	11°41'06"	104.56'	208.10'	S 83°31'16" E
C-2	270.06'	1,021.02'	15°08'53"	135.71'	269.31'	S 72°06'05" E
C-3	203.06'	1,021.02'	11°23'00"	101.77'	202.72'	S 57°33'06" E
C-4	125.00'	1,021.02'	7°01'07"	62.70'	124.92'	S 50°07'37" E

LINE TABLE

LINE	BEARING	DISTANCE
L-1	S 41°30'00" E	10.00'
L-2	N 41°30'00" W	10.00'
L-3	N 48°30'00" E	10.00'
L-4	S 48°30'00" W	10.00'

BENCHMARKS

BENCH MARK	ELEVATION	DESCRIPTION
BM-1	867.81	SQ. NUT ON HYDRANT IN FRONT OF 1552 UNIVERSITY AVENUE.
BM-2	869.33	SQ. NUT ON HYDRANT IN CORNER OF RESIDENCE AND UNIVERSITY.

STORM SEWER INLETS

INLET ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
INL-1	867.33	S	863.41	8"	PVC
		E	863.66	8"	PVC
INL-2	865.53	N	862.66	12"	RCP
INL-3	870.61	W	864.53	12"	RCP
		E	864.64	12"	RCP
INL-4	869.53	S	864.06	12"	RCP
INL-5	869.53	N	863.13	12"	RCP
INL-6	868.51	S	863.53	12"	RCP
		E	863.30	12"	RCP
		N	863.20	12"	RCP
INL-7	869.62	W	863.66	12"	RCP
INL-8	870.99	NW	870.04	12"	RCP
INL-9	877.37	W	873.27	12"	RCP
		E	873.34	12"	RCP
		N	873.27	12"	RCP
		S	873.67	12"	RCP
INL-10	872.13	S	873.11	12"	RCP
INL-11	878.65	W	873.85	12"	RCP
		NE	873.85	12"	RCP
INL-12	873.81	SW	873.75	12"	RCP
		NW	873.77	12"	RCP
		NE	873.77	12"	RCP
INL-13	873.50	NE	873.25	12"	RCP
		SW	873.25	12"	RCP
INL-14	878.26	N	874.56	12"	RCP
		S	874.46	12"	RCP
INL-15	877.70	N	873.24	12"	RCP
		S	*	12"	RCP
INL-16	877.00	N	*	12"	RCP
INL-17	876.50	NE	873.00	12"	RCP
		SW	*	12"	RCP
		SE	873.12	12"	RCP
INL-18	877.81	N	874.46	12"	RCP
		S	874.36	12"	RCP
INL-19	876.31	NE	873.26	12"	RCP
		SW	*	12"	RCP
		S	873.06	24"	RCP
INL-20	876.95	N	873.30	24"	RCP
		SW	873.20	24"	RCP
INL-21	873.75	N	870.21	24"	RCP
		S	870.06	24"	RCP

(*) OUT OF DRAWS

STORM SEWER MANHOLES

STRUCT. ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
STM-1	869.69	N	861.73	12"	RCP
		S	861.63	12"	RCP
		E	(1)		
STM-2	865.33	N	860.33	12"	RCP
		SW	861.31	12"	RCP
STM-3	870.33	N	866.61	18"x24"	RCP
		S	874.83	18"x24"	RCP
		E	875.04	18"	RCP
STM-4	877.33	N	874.95	18"x24"	RCP
		S	874.83	18"	RCP
		E	874.83	18"	RCP
STM-5	863.84	N	872.07	18"	RCP
		S	872.17	18"	RCP
		W	872.17	18"x24"	RCP
		NE	872.24	18"	RCP

(1) COULD NOT SEE PIPE TO MEASURE.

SANITARY SEWER MANHOLES

STRUCT. ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
SAN-1	871.41	N	872.30	8"	PVC
		S	863.06	8"	PVC
SAN-2	868.11	N	861.50	8"	PVC
		W	861.50	8"	PVC
SAN-3	865.53	N	861.87	8"	VCP
		S	862.06	8"	VCP
		E	862.06	8"	VCP
		W	861.48	8"	VCP
SAN-4	863.16	N	872.72	8"	VCP
		S	872.55	8"	VCP
		W	872.48	8"	PVC
		NE	872.70	10"	VCP
		SE	872.65	10"	VCP
SAN-5	872.98	N	872.72	8"	VCP
		S	872.70	8"	VCP
		E	872.07	10"	VCP
SAN-6	870.25	NW	872.72	8"	VCP
		N	871.83	8"	VCP
		S	871.65	8"	VCP
SAN-7	870.22	N	871.33	8"	VCP
		S	871.18	8"	VCP
SAN-8	872.00	N	870.12	8"	VCP
		NW	870.12	8"	VCP
SAN-9	869.80	NW	870.00	8"	VCP
		N	870.00	8"	VCP
		S	870.05	8"	PVC

(2) PIPE SIZE COULD NOT BE DETERMINED.
(*) INSIDE DROP PIPE.

SCALE IN FEET

PREPARED FOR:

POTTER LANGER INC.
15 ELDS POTTER COURT
MADISON, WI 53711

PROJECT NO.	00-3041	SURVEYED BY:	JL
FILE NO.	3041	DRAWN BY:	JL
FIELDBOOK NO.	2002-01	CHECKED BY:	DM
SHEET NO.	1 OF 1	APPROVED BY:	DM

ORIGINAL
J:\2000\3041\Dwg\00-3041-Cover-Survey

CALL DIGGERS HOTLINE
1-800-242-8511 ROU 7978

THE UNDERSIGNED HEREBY OF THIS DRAWING AND ALL REPRODUCTIONS THEREOF AS AN INSTRUMENT OF SERVICE. THE USE OF THIS DRAWING BY ANY PERSON OR ENTITY OTHER THAN THE UNDERSIGNED IS PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE UNDERSIGNED.

Consultant:

JSD Professional Services, Inc.
"Right Place • Particular • Talented"
- PLANNING & DEVELOPMENT
- CIVIL ENGINEERING
- TRANSPORTATION ENGINEERING
- LANDSCAPE ARCHITECTURE
- SURVEYING AND MAPPING
- CONSTRUCTION MANAGEMENT

MADISON REGIONAL OFFICE
131 Hidden Ridge
P.O. Box 44
Suite 110
Middleton, Wisconsin 53562
(608) 836-1500

EXISTING CONDITIONS SURVEY

LOT 2, CERTIFIED SURVEY MAP No. 7064, AS RECORDED IN VOLUME 33, ON PAGES 274 AND 275 OF CERTIFIED SURVEY MAPS, BEING LOCATED IN THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 22, TOWN 7 NORTH, RANGE 9 EAST, CITY OF MADISON, DANE COUNTY, WISCONSIN.

State of Wisconsin
Department of Administration
Division of State Facilities

Approval Recommended:
DOA - Division of State Facilities

Project Title:
WISCONSIN ENERGY INSTITUTE
UW Wisconsin - Madison

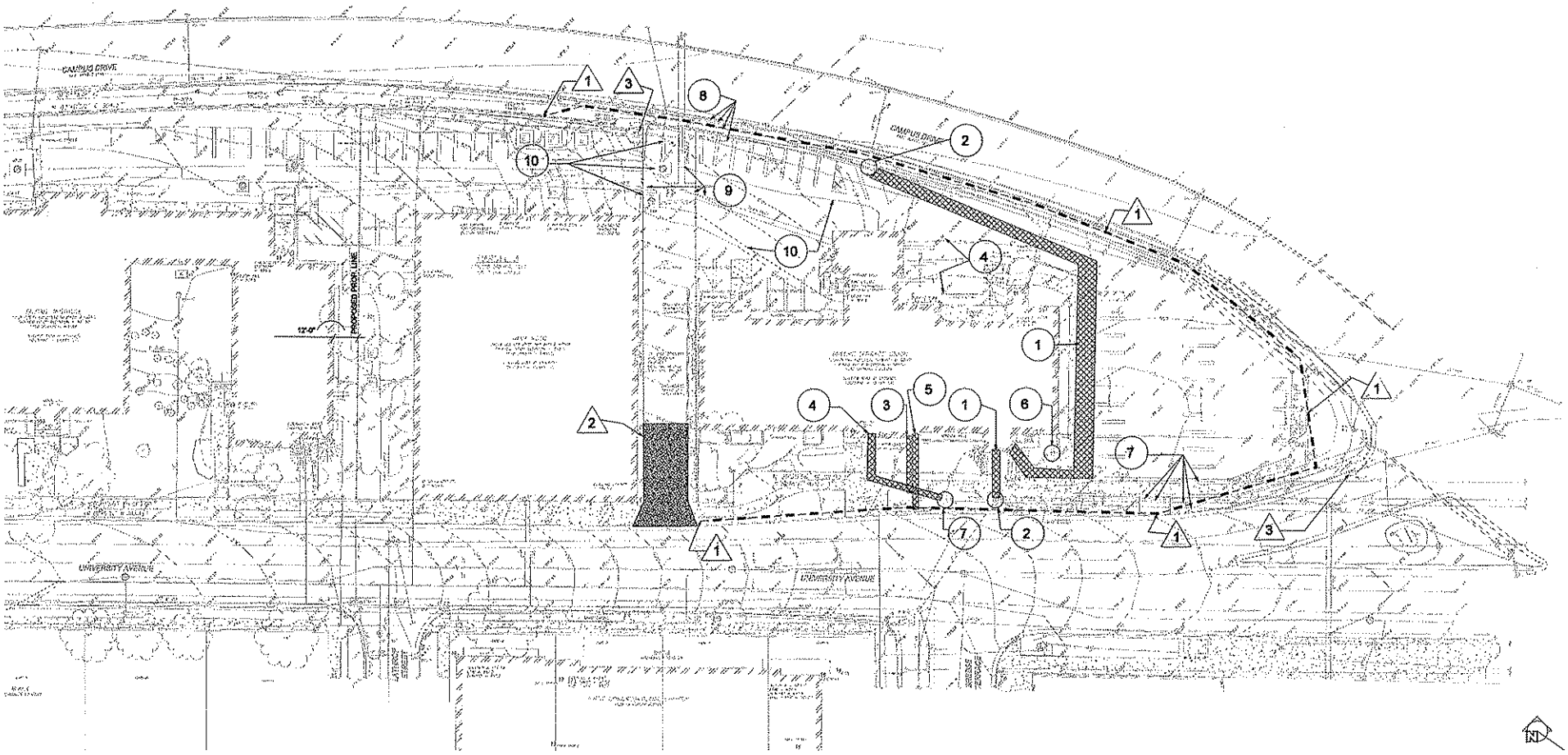
Project Location:
Madison, Wisconsin

Sheet Title:
EXISTING CONDITIONS SURVEY

Revisions:

No.	Date	By:	Description

Scale	1" = 20'
Graph Scale	0' 5' 10' 20' 30'
DSF Number	08A28
Set Type	100% Review
Date Issued	10/21/2000
Sheet Number	C100B



KEY

- Silt Fence
- Stone Tracking Pad
- Pavement Removal

EROSION CONTROL NOTES

1. PROVIDE STABILIZED CONSTRUCTION ENTRANCE SEE DETAIL
2. PROVIDE SILT FENCE ALONG PERIMETER OF NORTH, SOUTH AND EAST SIDES OF PROJECT SEE DETAIL
3. PROVIDE STORM INLET PROTECTION, SEE DETAIL
4. USLE AND OTHER CITY OF MADISON DOCUMENTATION TO BE SUBMITTED TO SHOW PROJECT MEETS CITY'S EROSION CONTROL REQUIREMENTS.

PLUMBING UTILITY DEMOLITION NOTES

1. REMOVE EXISTING SANITARY SEWER TO LIMITS SHOWN
2. CAP AND PLUG SEWER PIPE AT P.I. MANHOLE IN ACCORDANCE WITH CITY OF MADISON AND MMSD REQUIREMENTS
3. REMOVE EXISTING WATER LATERAL IN ACCORDANCE WITH CITY OF MADISON WATER UTILITY REQUIREMENTS
4. REMOVE AND CAP EXISTING STORM SEWER AND ROOF DRAIN LATERAL IN ACCORDANCE WITH CITY OF MADISONREQUIREMENTS
5. REMOVE AND CAP EXISTING GAS LATERAL IN ACCORDANCE WITH MGNE REQUIREMENTS
6. VERIFY UTILITY SOURCE FOR EXISTING CLEANOUT AND REMOVE AS DIRECTED BY CONSTRUCTION REPRESENTATIVE
7. PROTECT EXISTING STORM MAIN, WATER MAIN, SEWER MAIN, UNDERGROUND POWER AND ALL OTHER PUBLIC UTILITIES IN THIS AREA DURING CONSTRUCTION
8. PROTECT EXISTING STORM MAIN, WATER MAIN, SEWER MAIN, UNDERGROUND POWER AND ALL OTHER PUBLIC UTILITIES IN CAMPUS DRIVE R.O.W. DURING CONSTRUCTION
9. REFER TO MECHANICAL DEMOLITION PLAN FOR REMOVAL AND PROTECTION OF TEAM DUCT BANKS AND MANHOLES
10. REFER TO ELECTRICAL DEMOLITION PLAN FOR REMOVAL AND PROTECTION OF EXISTING ELECTRICAL AND TELECOM LINES, DUCT BANKS AND MANHOLES

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 PRIVATELY OWNED UTILITIES WITHIN THE STATE OF WISCONSIN

CALL DIGGERS HOTLINE
TOLL FREE 1-800-242-8511

FAX A LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289
REF. STATUTE NO 895.18(4)
WARNING: BE SAFE, STAY ALIVE
NOTIFY BEFORE YOU EXCAVATE!

Architect:
Potter Lawson

PL Project No: 2009.18.00

Consultant:
KEN SAUER

State of Wisconsin
Department of Administration
Division of State Facilities

Agency / Institution:
UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN - MADISON

Project Title:
WISCONSIN ENERGY INSTITUTE

Project Location:
UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

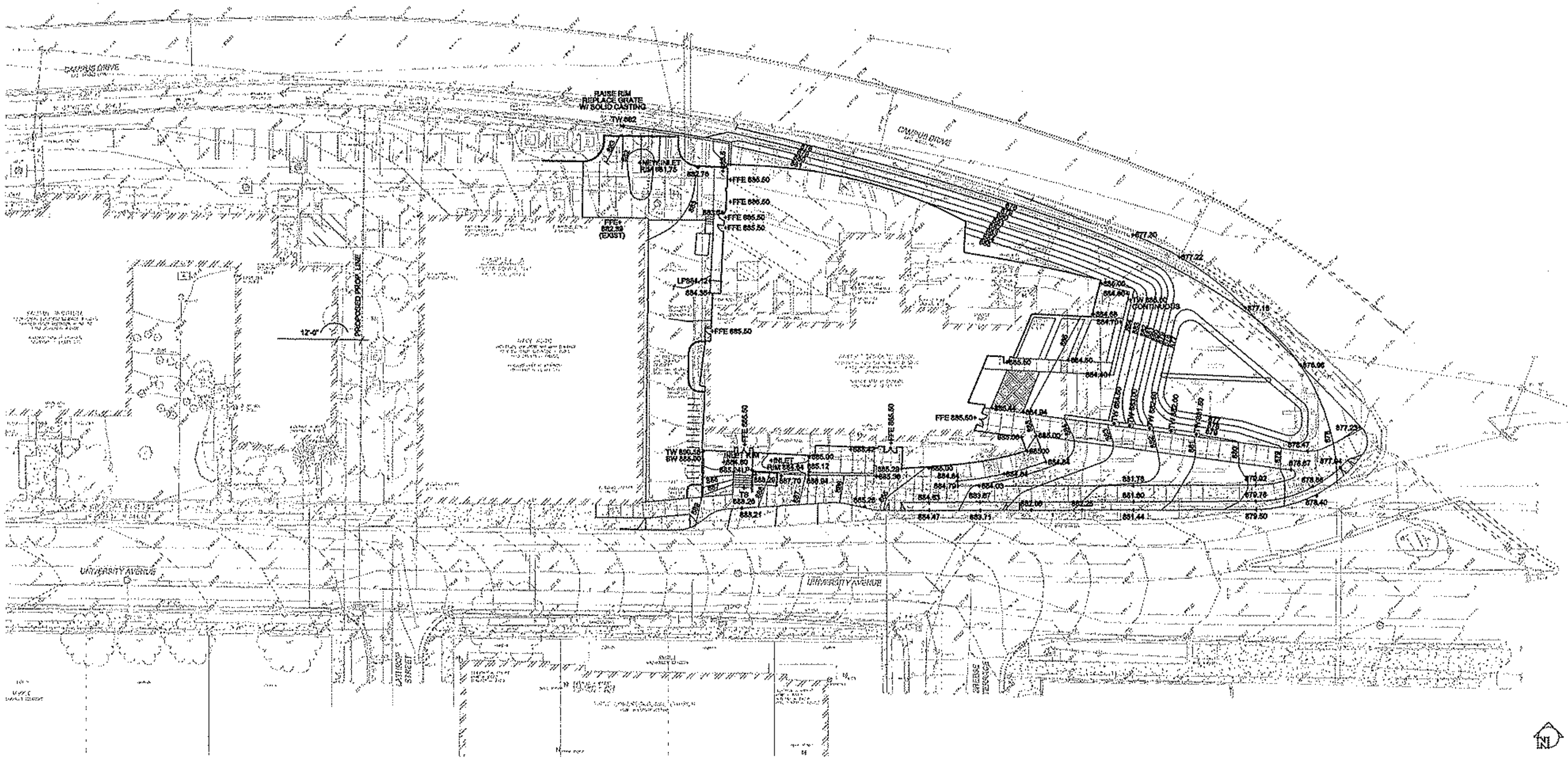
Sheet Title:
Erosion Control and Utility Demolition Plan

Revisions:

No.	Date	Description

Graphic Scale: 0 5 10 20 30

DSF Number	08A2E
Set Type	PUD/GDP/SIP
Date Issued	06/04/10
Sheet Number	C101



KEY

860	Major Contour
863	Minor Contour
+864.00	Spot Elevation
+HP	High Point
+LP	Low Point
+TW	Top Of Wall
+BW	Bottom of Wall
+TS	Top of Step
+BS	Bottom of Step
+EX	Existing
+FFE	Finished Floor Elevation

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 JSD Professional Services, Inc. The survey was created October 21, 2009. It is the contractor's responsibility to field verify survey information prior to start of construction and report and discrepancies.

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.

CALL DIGGERS HOTLINE
TOLL FREE 1-800-242-8511

FAX A LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

Architect: Potter Lawson

PLI Project No: 2009.18.00

Consultant:

State of Wisconsin
Department of Administration
Division of State Facilities

Agency / Institution: UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN - MADISON

Project Title: WISCONSIN ENERGY INSTITUTE

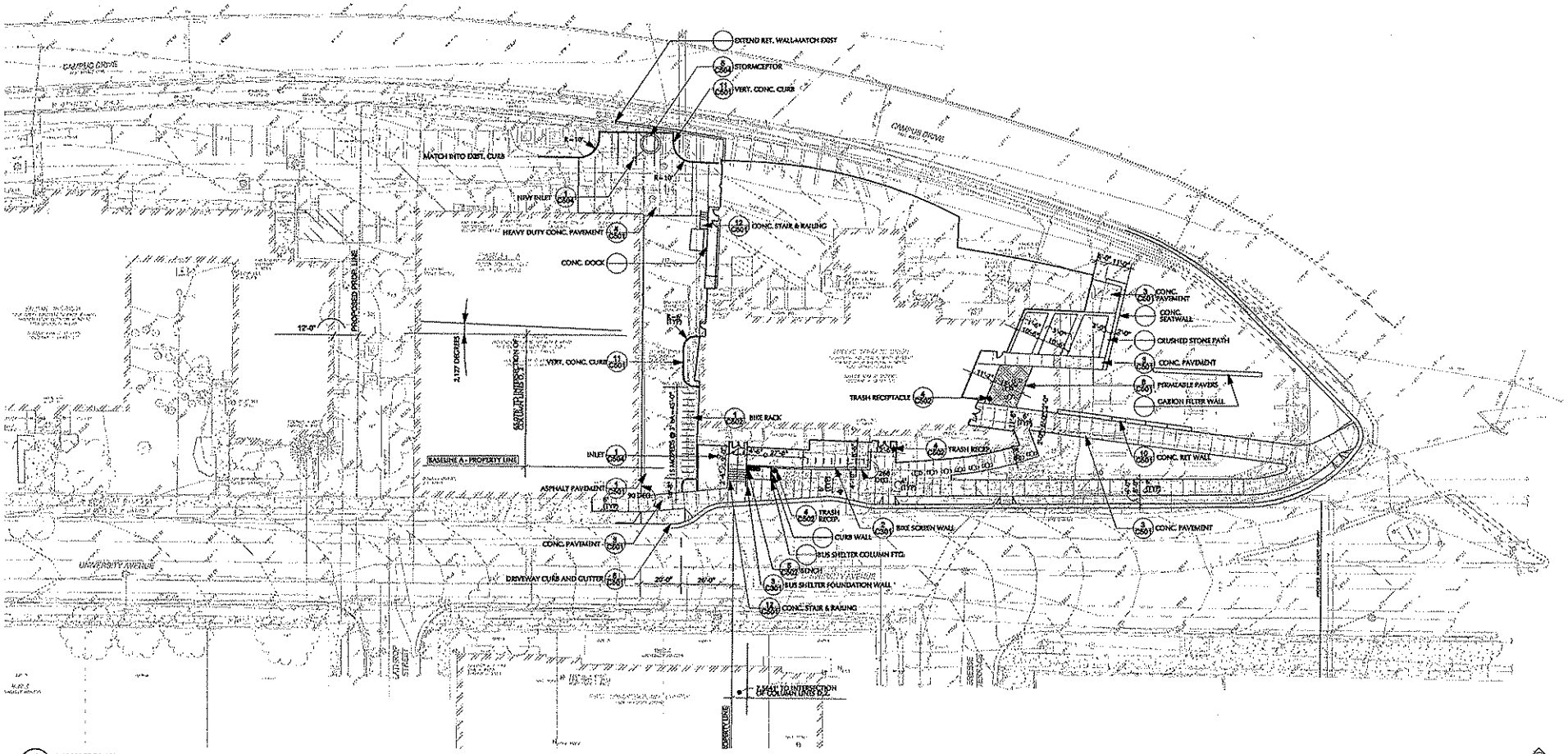
Project Location: UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

Sheet Title: Grading Plan

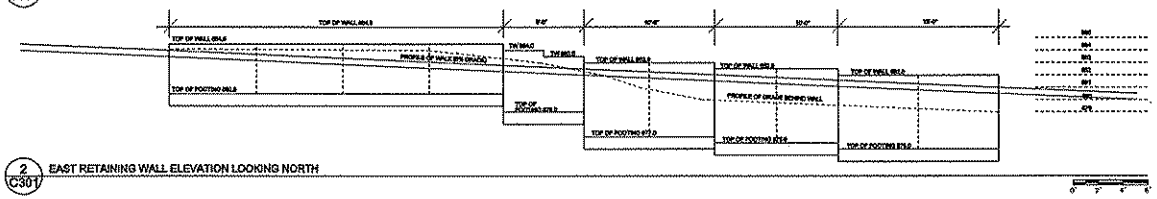
Revisions:

No.	Date:	Description:

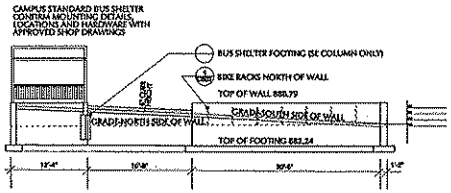
Graphic Scale	0' 5' 10' 20' 30'
DSF Number	08A2E
Set Type	PUD/GDP/SIP
Date Issued	05/04/10
Sheet Number	C201



1 C301 LAYOUT PLAN



2 C301 EAST RETAINING WALL ELEVATION LOOKING NORTH



3 C301 SOUTH WALL/BUS SHELTER FOUNDATION WALL

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 JSD Professional Services, Inc. The survey was created October 21, 2009. It is the contractor's responsibility to field verify survey information prior to start of construction and report and discrepancies.
3. All curb radii to be 6'-0" unless noted otherwise on plan.

KEY

	Heavy Duty Pavement
EX.	Existing
TYP.	Typical
R X'-X"	Radius

Architect: Potter Lawson

PL Project No: 2009.18.00

Consultant: JSD Professional Services

State of Wisconsin
Department of Administration
Division of State Facilities

Agency / Institution: UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN - MADISON

Project Title: WISCONSIN ENERGY INSTITUTE

Project Location: UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

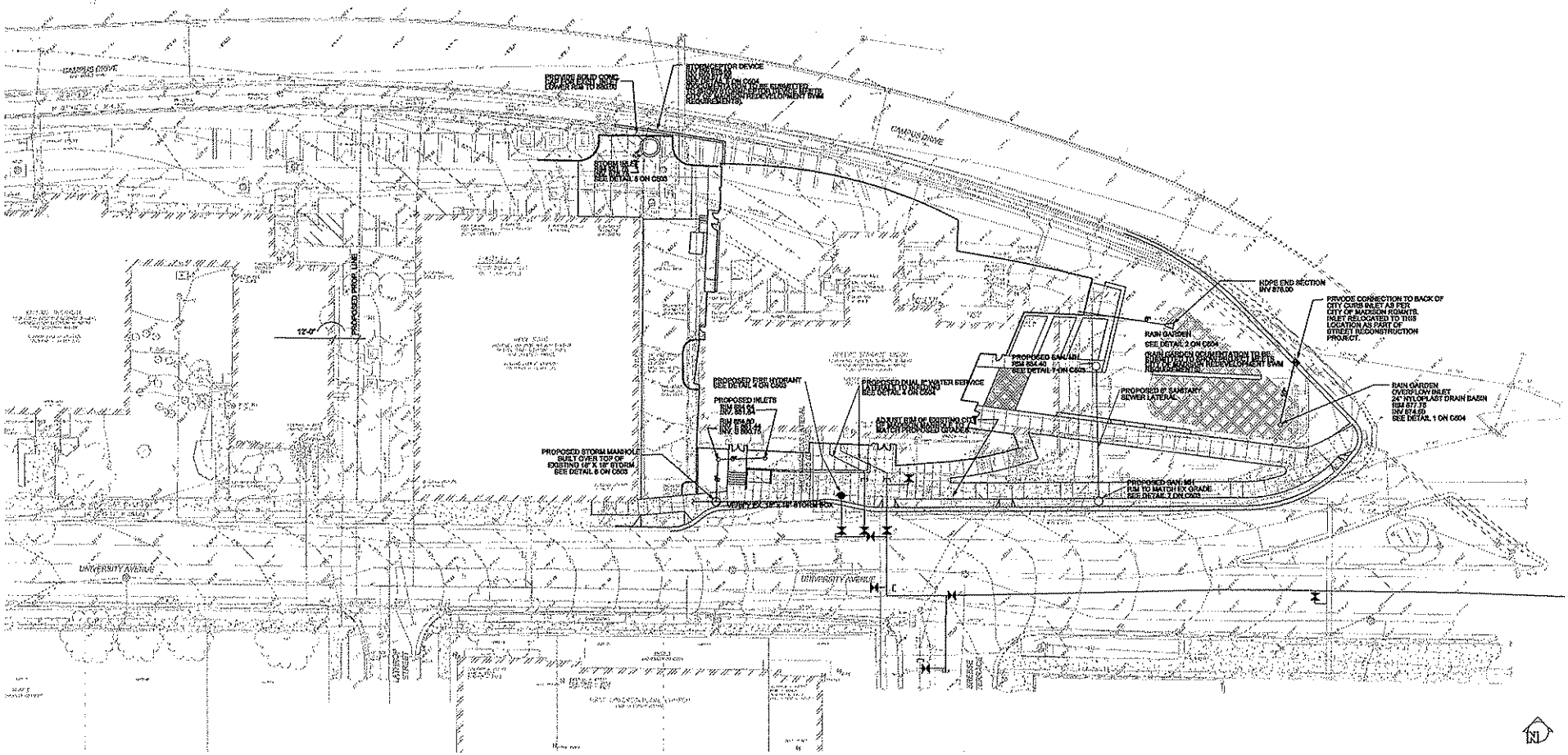
Sheet Title: Layout Plan

Revisions:

No.	Date	Description

Graphic Scale: 0 5 10 20 30

DSF Number	08A2E
Set Type	PUD/GDP/SIP
Date Issued	08/04/10
Sheet Number	C301



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 JSD Professional Services, Inc. The survey was created October 21, 2009. It is the contractor's responsibility to field verify survey information prior to start of construction and report and discrepancies.
3. REFER TO PLUMBING DRAWING P101 FOR WATER, BLDG. STORM AND SANITARY SEWER CONNECTIONS AND ACID WASTE SYSTEM.
4. REFER TO MECHANICAL SITE PLAN FOR STEAM AND CHILLED WATER SYSTEM.
5. REFER TO ELECTRICAL SITE PLAN FOR ELECTRIC, TELECOM AND SITE LIGHTING SYSTEM.

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 PROPERTIES CONTAINING GAS IN WISCONSIN

CALL DIGGERS HOTLINE
TOLL FREE 1-800-242-8511

FAX A LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

NO EXCAVATION MAY BE STARTED BEFORE THE 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

Architect:
Potter Lawson

PLI Project No:
2009.16.00

Consultant:

State of Wisconsin
Department of Administration
Division of State Facilities

Agency / Institution:
UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN - MADISON

Project Title:
WISCONSIN ENERGY INSTITUTE

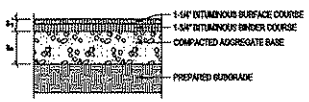
Project Location:
UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

Sheet Title:
Utility Plan

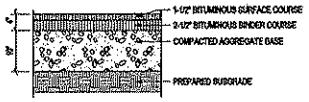
Revisions:

No.	Date:	Description

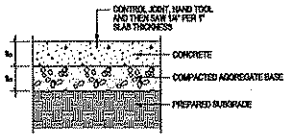
Graphic Scale	0 5 10 20 30
DSF Number	08A2E
Set Type	PUD/GDP/SIP
Date Issued	06/04/10
Sheet Number	C401



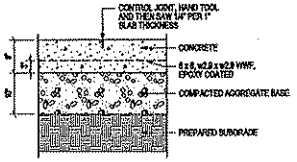
1 C501 ASPHALT PAVEMENT



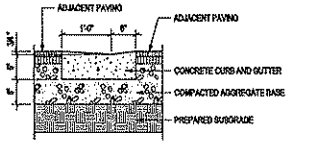
2 C501 HEAVY DUTY ASPHALT PAVEMENT



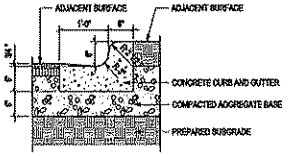
3 C501 CONCRETE PAVEMENT



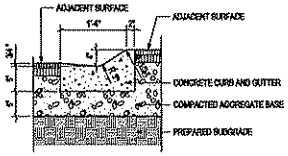
4 C501 HEAVY DUTY CONCRETE PAVEMENT



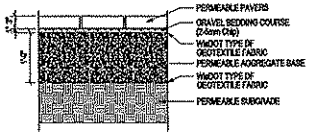
5 C501 DRIVEWAY CURB AND GUTTER



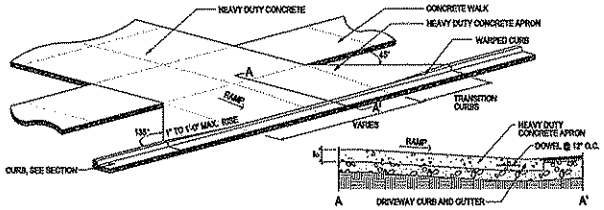
6 C501 CONCRETE CURB AND GUTTER



7 C501 MOUNTABLE CONCRETE CURB AND GUTTER

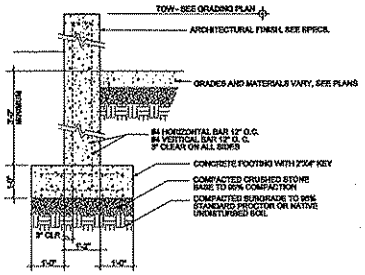


8 C501 PERMEABLE PAVERS ON AGGREGATE BASE

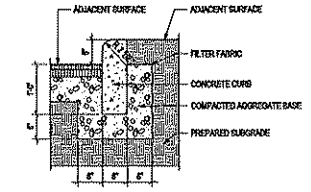


9 C501 CONCRETE DRIVEWAY APRON

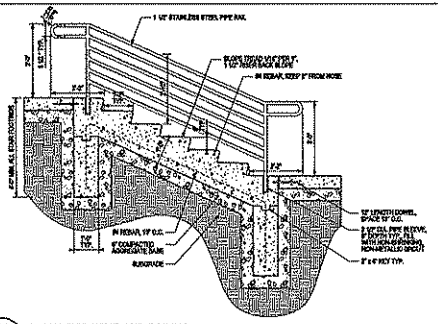
NOT TO SCALE



10 C501 CONCRETE RETAINING WALL



11 C501 VERTICAL CONCRETE CURB



12 C501 CONCRETE STAIR AND RAILING

13 C501 Detail Name Here

NOT USED

14 C501 Detail Name Here

NOT USED

15 C501 Detail Name Here

NOT USED

Architect:
Potter Lawson

PU Project No: 2009.18.00

Consultant:

State of Wisconsin
Department of Administration
Division of State Facilities

Agency / Institution:
UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN - MADISON

Project Title:
WISCONSIN ENERGY INSTITUTE

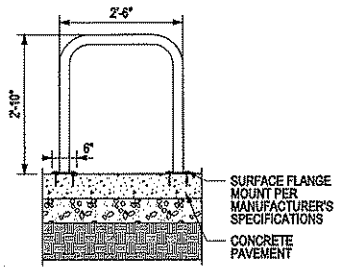
Project Location:
UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

Sheet Title:
Site Details

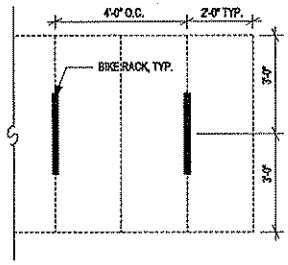
Revisions:

No.	Date:	Description:

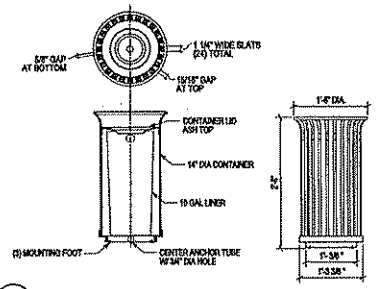
Graphic Scale	VARIES
DSF Number	08A2E
Set Type	PUD/GDP/SIP
Date Issued	08/04/10
Sheet Number	C501



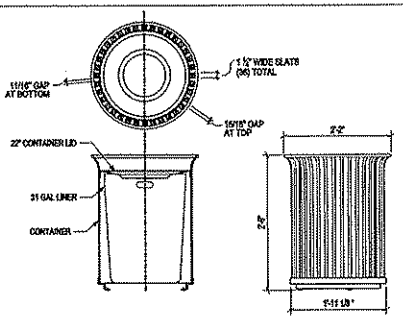
1 C502 CAMPUS STANDARD BIKE RACK



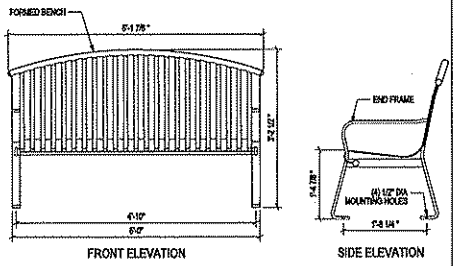
2 C502 CAMPUS STANDARD BIKE RACK LAYOUT

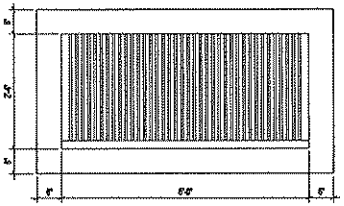


3 C502 METAL ASH URN

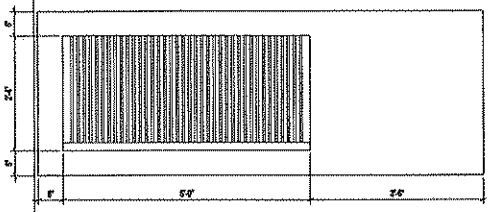


4 C502 METAL TRASH RECEPTACLE



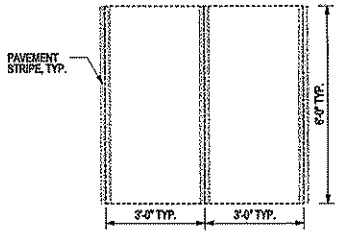


TYPICAL LAYOUT

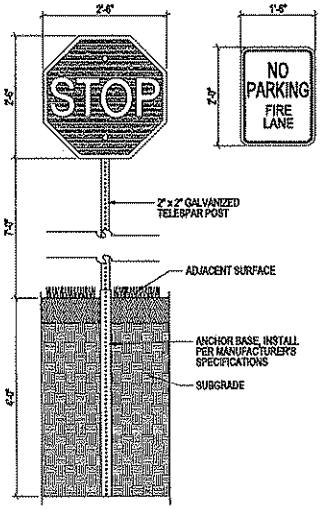


COMPANION LAYOUT

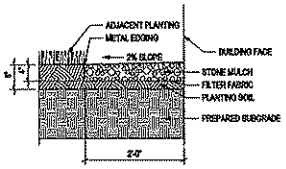
5 C502 METAL BENCH WITH TYPICAL AND COMPANION LAYOUT



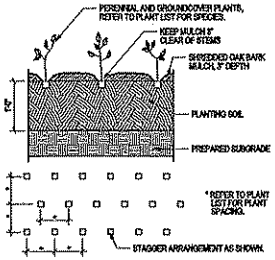
6 C502 MOPED PARKING LAYOUT



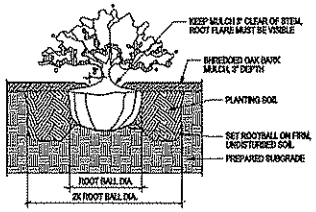
10 C502 POLE MOUNTED SIGN



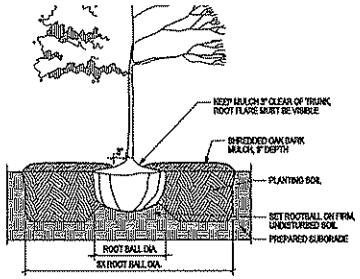
7 C502 STONE MULCH MAINTENANCE STRIP



8 C502 PERENNIAL PLANTING



9 C502 SHRUB PLANTING



11 C502 TREE PLANTING

NOT USED

12 C502 XXXXXXXXXXX

NOT USED

13 C502 XXXXXXXXXXX

Architect:
Potter Lawson

PD Project No: 2009.18.00

Consultant:

State of Wisconsin
Department of Administration
Division of State Facilities

Agency / Institution: UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN – MADISON

Project Title: WISCONSIN ENERGY INSTITUTE

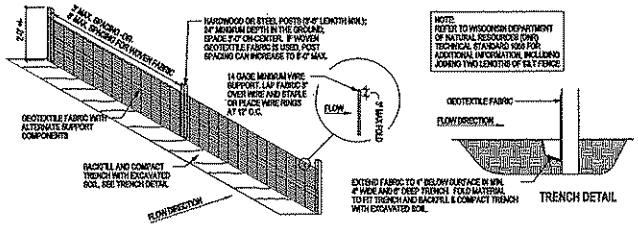
Project Location: UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

Sheet Title: Site Details

Revisions:

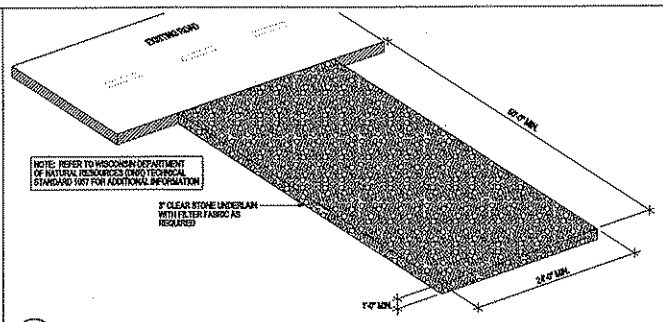
No.	Date:	Description:

Graphic Scale	VARIES
Grid Number	08A2E
Set Type	PUD/GDP/SIP
Date Issued	06/04/10
Sheet Number	C502



1 C503 SILT FENCE

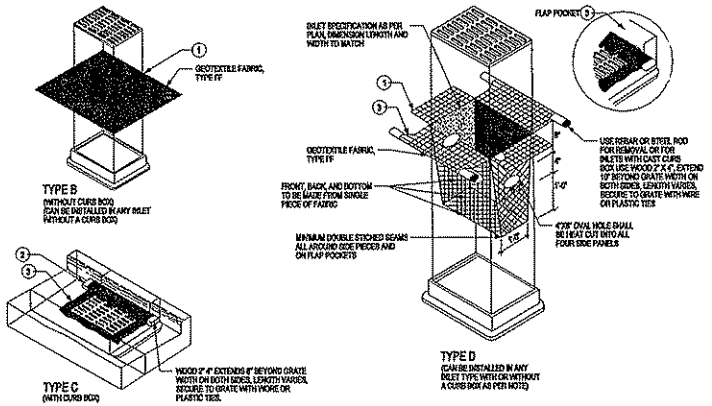
NOT TO SCALE



1) LENGTH - MINIMUM OF 50'.
2) WIDTH - 24' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
3) GEOTEXTILE FABRIC (FILTER CLOTH) SHALL BE PLACED OVER THE EXISTING GROUND PRIOR TO PLACING STONE.
4) STONE - CRUSHED AGGREGATE (2" TO 3" OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT) SHALL BE PLACED AT LEAST 12" DEEP OVER THE LENGTH AND WIDTH OF ENTRANCE.
5) SURFACE WATER - ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND MINIMUM OF 6" OF STONE OVER THE PIPE TO BE SIZED ACCORDING TO THE DRAINAGE. WHEN THE PIPE IS LOCATED AT A HIGHPOINT AND HAS NO DRAINAGE, TO CONVEY A PIPE WILL NOT BE NECESSARY, PIPE SHOULD BE SIZED ACCORDING TO THE AMOUNT OF RUNOFF TO BE CONVEYED. A 6" MINIMUM WILL BE REQUIRED.
6) LOCATION - A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED AT EVERY POINT WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES A CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE STABILIZED CONSTRUCTION ENTRANCE.
7) PROVIDE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH DNR TECH STD. 1057, EXCEPT AS NOTED.

2 C503 STABILIZED CONSTRUCTION ENTRANCE

NOT TO SCALE



GENERAL NOTES:

PROVIDE INLET PROTECTION IN ACCORDANCE WITH DNR TECHNICAL STANDARD 1060.

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

1. FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
2. FOR INLET PROTECTION, TYPE C (WITH CURB BOX) AN ADDITIONAL 10" OF FABRIC IS WRAPPED AROUND THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
3. FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2 X 4.

INSTALLATION NOTES:

TYPE B AND C:
TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER MEANS TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

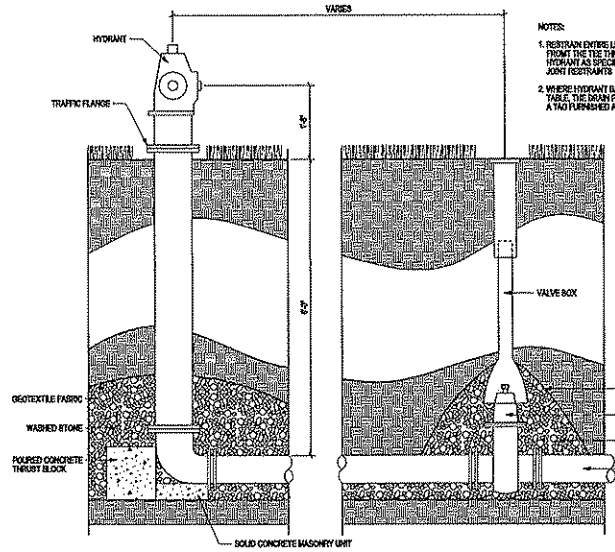
TYPE D:
DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF
THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVER LOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

3 C503 INLET PROTECTION

NOT TO SCALE

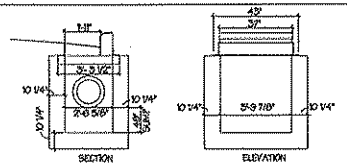


NOTES:

1. RESTRAIN ENTIRE LENGTH OF HYDRANT FROM THE TEE THROUGH THE VALVE TO THE HYDRANT AS SPECIFIED USING MECHANICAL JOINT RESTRAINTS
2. WHERE HYDRANT BASE IS IN OR NEAR WATER TABLE, THE DRAIN PORT SHALL BE PLUGGED AND A TAG FURNISHED AND PLACED ON THE HYDRANT.

4 C503 HYDRANT

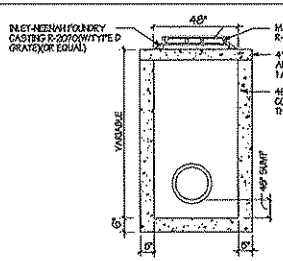
NOT TO SCALE



NOTES:
1. PRECAST INLET SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C-478
2. CURB INLET SHALL BE PLACES ON A THOROUGHLY COMPACTED SUBGRADE.
3. PROVIDE OPENINGS FOR STORM PIPES AT LOCATIONS AND ELEVATIONS SHOWN ON PLAN
4. PROVIDE NEENAH FOUNDRY TYPE R-3067 FRAME WITH TYPE C GRATES AT LOW POINTS AND TYPE L GRATES FOR SLOPED AREAS.

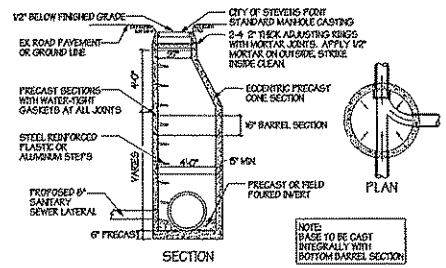
5 C503 CURB INLET

NOT TO SCALE

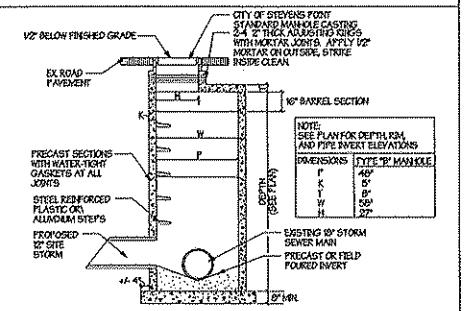


NOTES:
1. STORM INLET SHALL BE PLACED ON A THOROUGHLY COMPACTED SUBGRADE.
2. PRECAST INLET SECTIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C-478.
3. FRAME AND COVER SHALL BE MACHINED AND FITTED SO THAT ROCKING AND CHATTERING WILL BE ELIMINATED.
4. PROVIDE OPENINGS FOR STORM PIPES AT LOCATIONS AND ELEVATIONS SHOWN ON PLAN.

6 C503 YARD INLET



7 C503 SANITARY MANHOLE



8 C503 STORM MANHOLE

Architect:
Potter Lawson

PLI Project No: 2009.18.00

Consultant:

State of Wisconsin
Department of Administration
Division of State Facilities

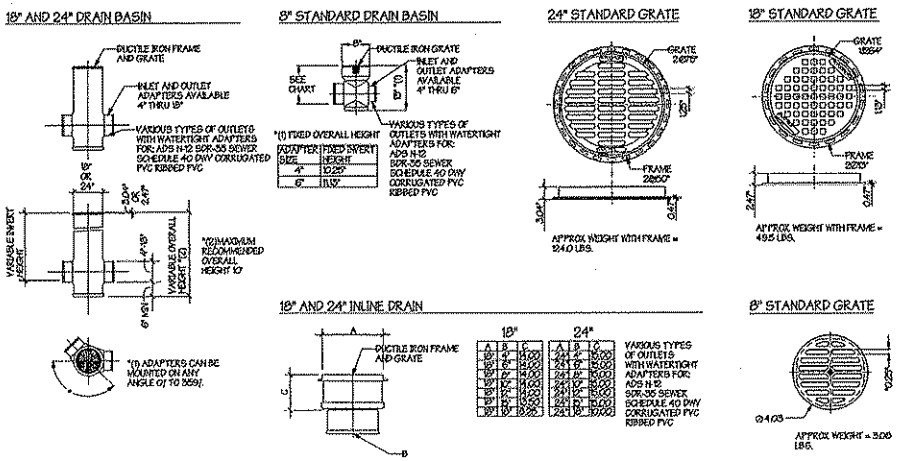
Agency / Institution: UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN - MADISON

Project Title: WISCONSIN ENERGY INSTITUTE
Project Location: UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN
Sheet Title: Utility Details

Revisions:

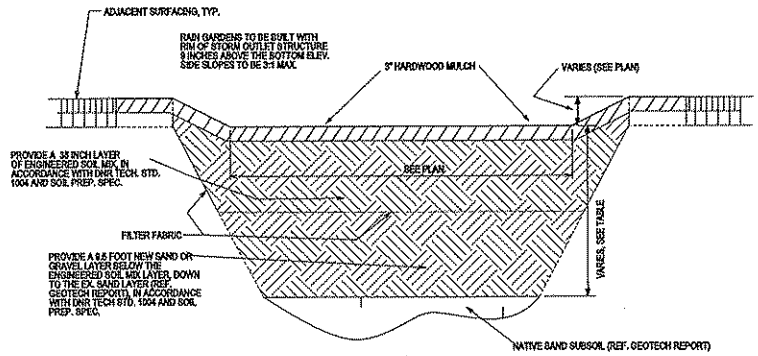
No.	Date	Description

Graphic Scale	VARIES
DSF Number	08A2E
Set Type	PUD/GDP/SIP
Date Issued	08/04/10
Sheet Number	C503



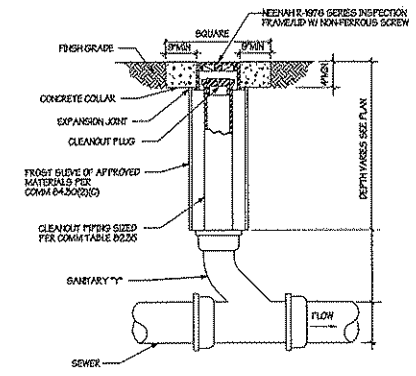
1 C504 NYOPLAST DRAIN BASIN AND INLET DRAIN WITH STANDARD GRATE

NOT TO SCALE



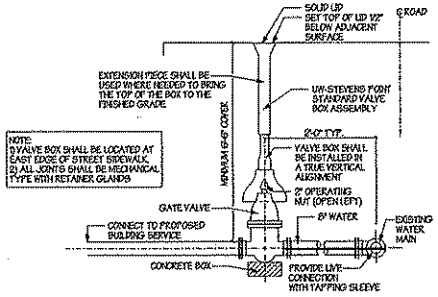
2 C504 RAIN GARDEN CROSS-SECTION

NOT TO SCALE



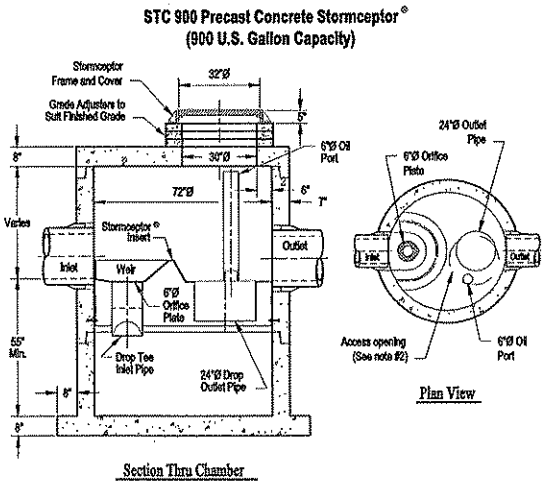
3 C504 STORM AND SANITARY CLEANOUT

NOT TO SCALE



4 C504 8" WATER SERVICE

NOT TO SCALE



5 C504 STORMCEPTOR

NOT TO SCALE

Architect:
Potter Lawson

PLI Project No: 2009.18.00

Consultant:

State of Wisconsin
Department of Administration
Division of State Facilities

Agency / Institution:
UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN – MADISON

Project Title:
WISCONSIN ENERGY INSTITUTE

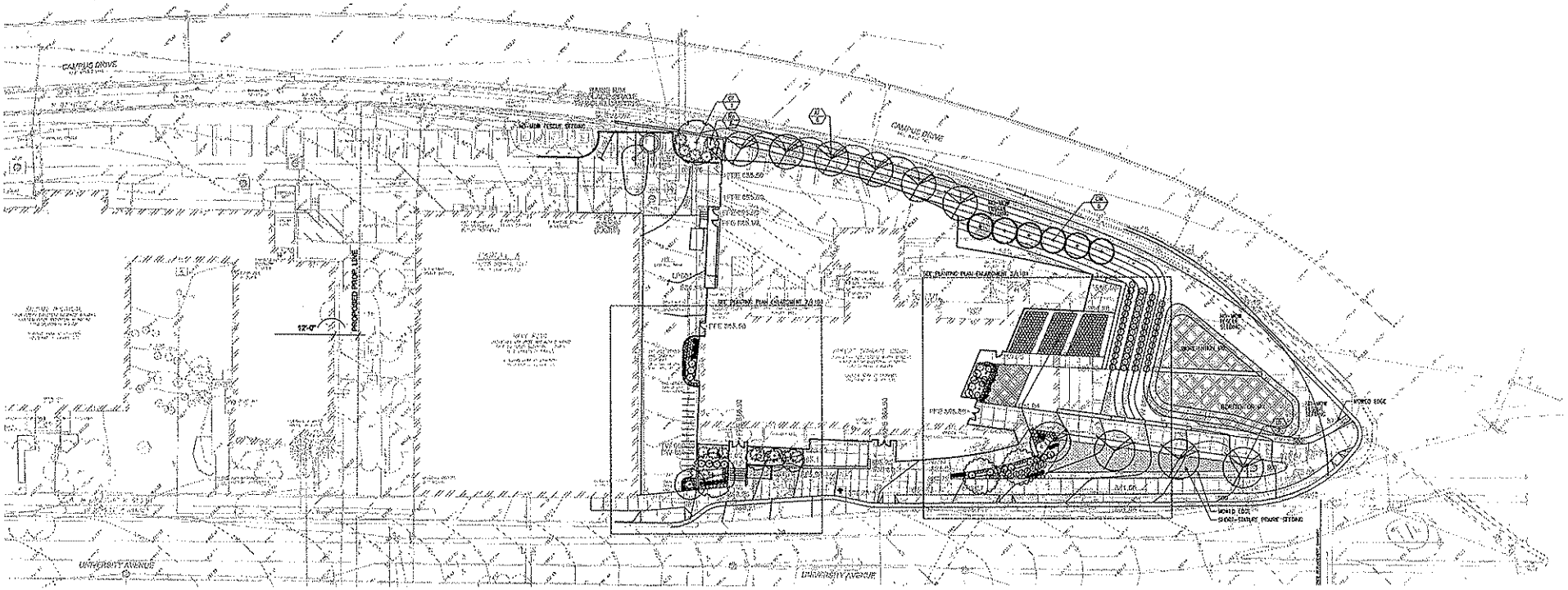
Project Location:
UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

Sheet Title:
Utility Details

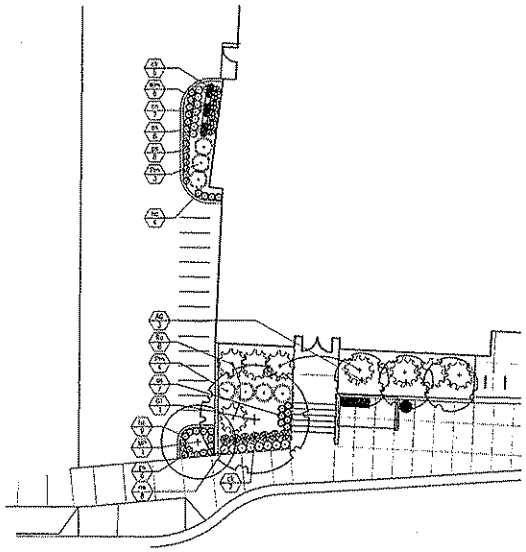
Revisions:

No.	Date:	Description:

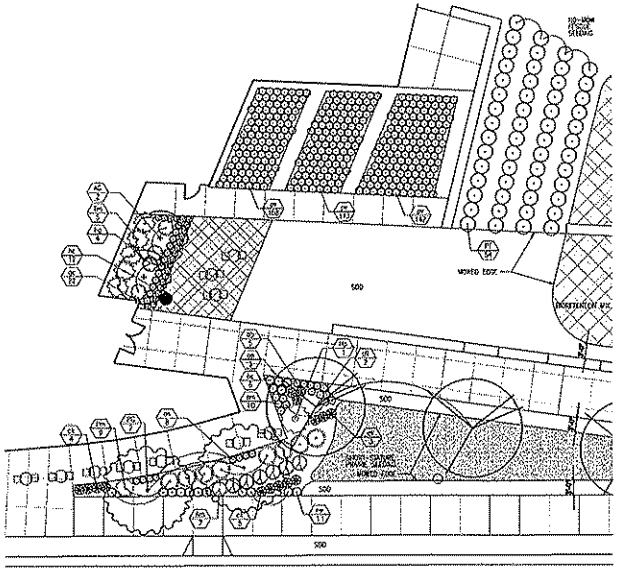
Graphic Scale	VARIES
DSF Number	08A2E
Set Type	PUD/GDP/SIP
Date Issued	08/04/10
Sheet Number	C504



1 L101 OVERALL PLANTING



2 L101 WEST ENTRY PLANTING



3 L101 EAST ENTRY PLANTING

Plant List						
Key	Botanical Name	Common Name	Quantity	Size	Spec	Comments
	Deciduous Trees					
CJ	Acer saccharum 'Green Mountain'	Sugar Maple	4	15' Cal	B&B	Shade/ Specimen
GT	Gleditsia triacanthos var. inermis 'Shademaster'	Shademaster Honeylocust	2	9' Cal	B&B	Single, straight leader
PT	Populus tremuloides	Quaking Aspen	24	11' Cal	Cont.	Popular Birdlike Acceptance
RC	Pyrus ussuriensis 'Autumn Blaze'	Autumn Blaze Calleary Pear	3	11' Cal	B&B	Single, straight leader
UT	Ulmus 'Morton Glossy'	Triumph Elm	4	9' Cal	B&B	Single, straight leader
	Ornamental Trees					
AG	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	3	10' ht	B&B or Cont.	Multistem, min. 3 leaders
CG	Cornus mas 'Golden Glow'	Golden Glow Cornelian Cherry Dogwood	5	8' ht	B&B or Cont.	Multistem, min. 3 leaders
MT	Malus 'Prairie Maid'	Prairie Maid Crabapple	4	2.5" cal.	B&B or Cont.	Single, straight leader
	Deciduous Shrubs & Vines					
Aro	Aronia melanocarpa 'Morton'	Upright Beauty Black Chokeberry	7	2 gal	Cont.	
Hb	Hydrangea paniculata 'UnoUP'	Limelight Hydrangea	7	2 gal	Cont.	
Rg	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	14	3 gal	Cont.	
Wm	Weigela maximowiczii 'Red Dwarf'	Red Dwarf Weigela	4	3 gal	Cont.	
	Evergreen Shrubs					
Pm	Pinus mugo mugo 'Compacta'	Compact Mugo Pine	36	2.5 gal	Cont.	
Tm	Taxus x media 'Tautauri'	Tautauri Yew	5	2' ht	Cont.	Prune minimally - maintain natural shape
	Perennials & Groundcovers					
aa	Allium angulosum 'Summer Beauty'	Summer Beauty Allium	21	1 qt	Cont.	
ab	Amsonia x 'Blue ice'	Blue Ice Star Flower	7	1 qt	Cont.	
ac	Calamintha nepeta ssp. nepeta	Lesser Calamintha	7	1 qt	Cont.	
cc	Coreopsis x grandiflora 'Baby Sun'	Baby Sun Coreopsis	23	1 qt	Cont.	
cl	Hemerocallis 'Cherry Cheeks'	Cherry Cheeks Daylily	21	1 qt	Cont.	
fg	Iris x 'Gold Standard'	Gold Standard Iris	4	1 qt	Cont.	
ln	Nepeta x faassenii 'Walker's Low'	Walker's Low Catmint	19	1 qt	Cont.	
pa	Phlox subulata 'White Delight'	White Delight Creeping Phlox	14	1 qt	Cont.	
sm	Salvia nemorosa 'May Night'	May Night Salvia	10	1 qt	Cont.	
	Ornamental Grasses					
cb	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	21	1 gal	Cont.	
cs	Calamagrostis x acutiflora 'Overdam'	Variegated Feather Reed Grass	3	1 gal	Cont.	
ne	Panicum virgatum	Switchgrass	308	1 qt	Cont.	
	Bioremediation Mix					
	Acorus calamus	Sweet Flag	64	2.5"	Cont.	
	Asclepias incarnata	Red Milkweed	48	2.5"	Cont.	
	Asclepias syriaca	Common Milkweed	48	2.5"	Cont.	
	Aster simplex	Heath Aster	32	2.5"	Cont.	
	Baptisia alba	Wild White Indigo	48	2.5"	Cont.	
	Caltha palustris	Marsh Marigold	48	2.5"	Cont.	
	Carex comosa	Bottle Sedge	48	2.5"	Cont.	
	Carex frankii	Frankii Sedge	48	2.5"	Cont.	
	Carex lacustris	Lake Sedge	48	2.5"	Cont.	
	Carex stipata	Wet Sedge	48	2.5"	Cont.	
	Chelone glabra	Turtlehead	48	2.5"	Cont.	
	Eupatorium maculatum	Spotted Joe Pye Weed	32	2.5"	Cont.	
	Iris virginica	Blue Flag Iris	48	2.5"	Cont.	
	Juncus effusus	Common Rush	48	2.5"	Cont.	
	Lobelia siphilitica	Great Blue Lobelia	48	2.5"	Cont.	
	Lythrum salicaria	Purple Loosestrife	48	2.5"	Cont.	
	Mimulus ringens	Monkey Flower	48	2.5"	Cont.	
	Pontederia cordata	Pickerel Weed	48	2.5"	Cont.	
	Sagittaria latifolia	Arrowhead	48	2.5"	Cont.	
	Scirpus atrovirens	Dark Green Bulrush	48	2.5"	Cont.	
	Scirpus cyperinus	Wool Grass	48	2.5"	Cont.	
	Solidago rigida	Hubbard's Goldenrod	48	2.5"	Cont.	
	Sparganium eurycarpum	Broad Bur Reed	48	2.5"	Cont.	Average plants randomly throughout
	Thelypteris palustris	Marsh Fern	48	2.5"	Cont.	Supplement planting area
	Thelypteris noveboracensis	Hubbard's Fern	48	2.5"	Cont.	Place 1 of 10, (250 SF total)

Architect
Potter Lawson

PLI Project No: 2009.18.00

Consultant:

State of Wisconsin
Department of Administration
Division of State Facilities

Agency / Institution: UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN - MADISON

Project Title: WISCONSIN ENERGY INSTITUTE

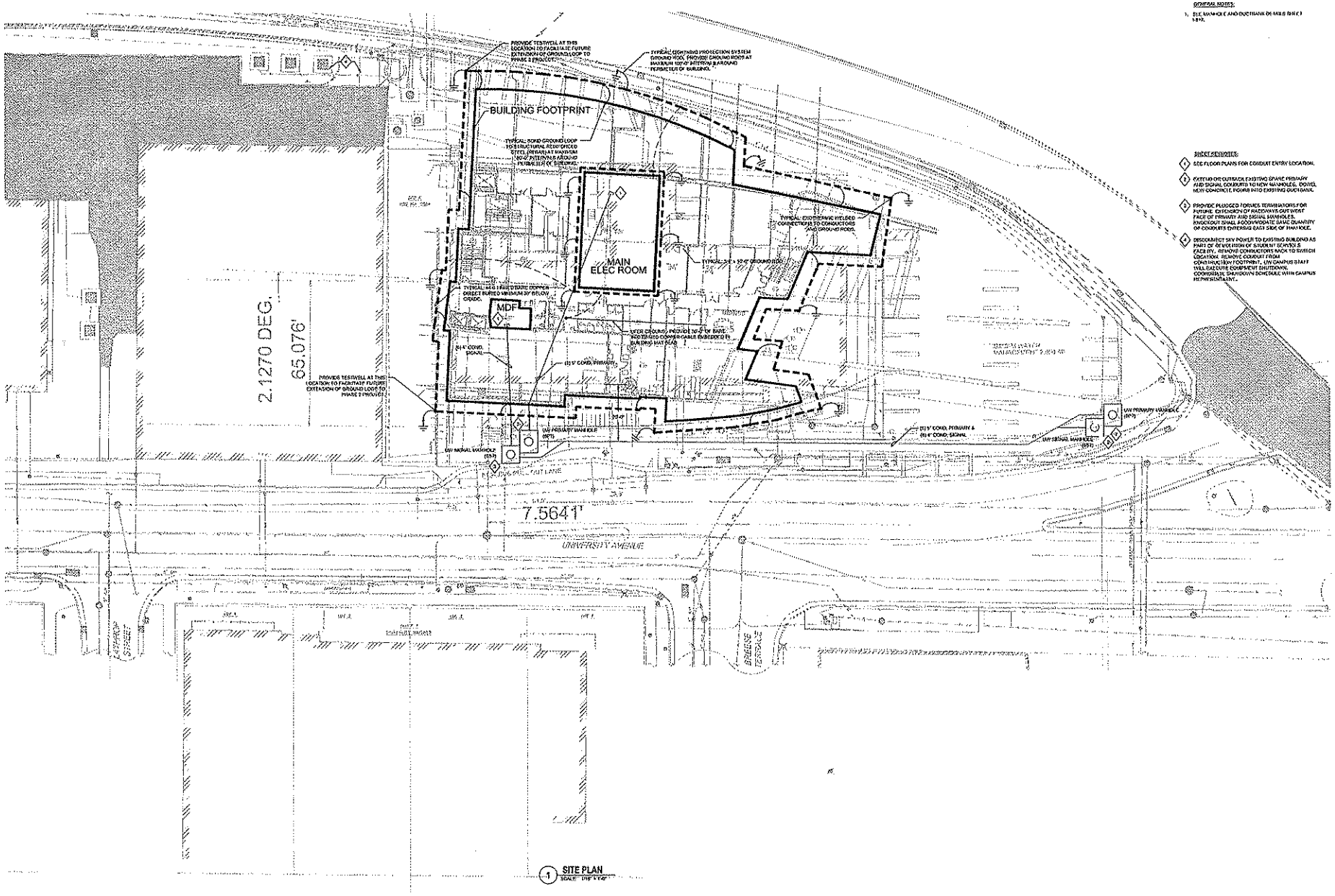
Project Location: UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

Sheet Title: Planting Plan

Revisions:

No.	Date	Description

Graphic Scale	VARIES
DSF Number	0BA2E
Sol Type	PUD/GDP/SIP
Date Issued	08/04/10
Sheet Number	L101



1 SITE PLAN
SCALE: 1/16" = 1'-0"

GENERAL NOTES:

1. ELEC MANHOLE AND DUCTBANK DETAILS SHEET E-101.

SHEET KEYNOTES:

1. SEE FLOOR PLANS FOR CONDUIT ENTRY LOCATION.
2. EXTEND OR OUTREACH EXISTING SPARE PRIMARY AND SIGNAL CONDUITS TO NEW MANHOLES. DOWEL NEW CONCRETE ENDWALL INTO EXISTING DUCTBANK.
3. PROVIDE PLUGGED TOTUES TERMINATIONS FOR FUTURE EXTENSION OF RACEWAYS OUTWEST FACE OF PRIMARY AND SIGNAL MANHOLES. RACEWAYS SHALL ACCOMMODATE SAME QUANTITY OF CONDUITS ENTERING EAST SIDE OF MANHOLE.
4. DISCONNECT SKV POWER TO EXISTING BUILDING AS PART OF DEMOLITION OF STUDENT SERVICES FACILITY. REMOVE CONDUCTORS BACK TO SWITCH LOCATION. REMOVE CONDUIT FROM CONSTRUCTION FOOTPRINT. UW CAMPUS STAFF WILL EXECUTE EQUIPMENT SHUTDOWN. COORDINATE SHUTDOWN SCHEDULE WITH CAMPUS REPRESENTATIVE.

Architect:
Potter Lawson

PLS Project No:
2009.18.00

Consultant:
AEI Affiliated Engineers
Affiliated Engineers, Inc.
1037 Raemers Park Boulevard
Madison, Wisconsin 53718
Tel 608.238.7618 Fax 608.238.2114

Key Plan

State of Wisconsin
Department of Administration
Division of State Facilities

Agency / Institution:
UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN – MADISON

Project Title:
WISCONSIN ENERGY INSTITUTE

Project Location:
UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

Sheet Title:
Site Plan

Revisions:

No.	Date	Description

Graphic Scale: 0 2 4 8 12

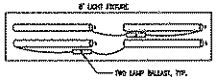
DSF Number: 08 A 2 E

Set Type: PR

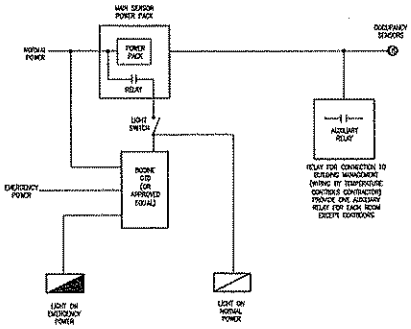
Date Issued: 05/21/2010

Sheet Number: E100

05/20/10 11:20:43 AM O:\09\09352-00\C\MODEL\E-FP-SITE.DWG



4 EL001 LIGHT FIXTURE DUAL LEVEL WIRING
NTS

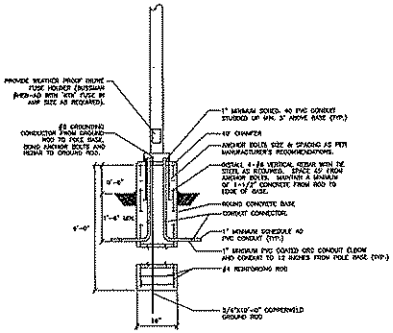


5 EL001 OCCUPANCY SENSOR WIRING DIAGRAM
NTS

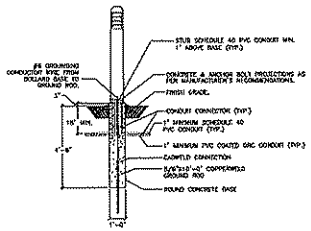
NOTES:
1. OCCUPANCY SENSOR QUANTITY AS SHOWN ON DRAWINGS.
2. POWER PACK AND SLAVE RELAY QUANTITIES AS REQUIRED.
3. REFER TO MANUFACTURER'S WIRING DIAGRAMS FOR DETAILED CONNECTION REQUIREMENTS.
4. DIAGRAM IS REPRESENTATIVE OF TYPICAL DEVICE CONNECTIONS. NOT ALL DEVICES WILL BE USED IN EACH CIRCUIT. REFER TO DRAWINGS FOR ADDITIONAL REQUIREMENTS.

6 EL001 LOW VOLTAGE LIGHTING CONTROL SYSTEM
NTS

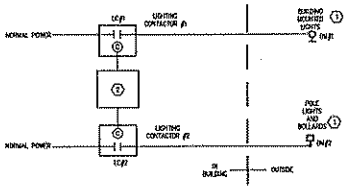
NOTES:
1. PROVIDE AUDIBLE TONE WARNING 5 MINUTES BEFORE TURNING OFF LIGHTS.
2. REFER TO DRAWINGS AND SPECIFICATIONS FOR PROGRAMMING REQUIREMENTS.
3. PROVIDE RELAY QUANTITIES AS REQUIRED TO MEET CIRCUITING REQUIREMENTS SHOWN ON DRAWINGS.
4. PROVIDE 5 SPARE RELAYS PER CABINET.
5. REFER TO DRAWINGS FOR LOW VOLTAGE SWITCHES.
6. INTERFACE CONTROL PANELS TOGETHER AT A NETWORK LEVEL.
7. FAULT CURRENT WITHSTAND RATING SHALL BE SUFFICIENT TO WITHSTAND THE MAXIMUM AVAILABLE THREE PHASE FAULT CURRENT AT THE LOW VOLTAGE RELAY PANEL.



1 EL001 POLE BASE DETAIL
NTS



2 EL001 BOLLARD BASE DETAIL
NTS



3 EL001 EXTERIOR LIGHTING CONTROL DETAIL
NTS

1. REFER TO PLANS FOR FIXTURE QUANTITIES.
2. BUILDING MANAGEMENT CONTROL RELAY BY MECHANICAL CONTRACTOR.

ABBREVIATIONS

AC	ACCENT ADDITION
ACOUS	ACOUSTICAL
ACOUS PNL	ACOUSTICAL PANEL
ACOUS TILE	ACOUSTICAL TILE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFS	ABOVE FINISHED SLAB
AHU	AIR HANDLING UNIT
AL	ALUMINUM
AMP	AMPERE
BMS	BUILDING MANAGEMENT CONTROL CIRCUIT
CORR	CORRIDOR
CPC	CLEAN PROTECTIVE COVER
CR	CHILD RESISTANT
CUH	CABINET UNIT HEATER
℄	CENTER LINE
E	EAST
EDB	ELECTRIC DASHBOARD
EHO	ELECTRIC HAND ORDER
ELEV	ELEVATOR
ENGR	ENGINEER
EP	EXPLOSION PROOF
EXR	EXISTING TO REMAIN
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WALL HEATER
FA	FIRE ALARM
FEC	FIRE EXTINGUISHER CABINET
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GRD	GRADE
HOA	"HAND-OFF-AUTO" CONTROL SWITCH
HP	HORSEPOWER
HR	HOUR
ID	INSIDE DIAMETER
JC	JANITOR'S CLOSET
KIT	KITCHEN
LAB	LABORATORY
LAV	LAVATORY
LDG	LANDING
LTG	LIGHTING
MAX	MAXIMUM
MECH	MECHANICAL
MEGB	MAIN EQUIPMENT GROUNDING BUS
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
N	NORTH
NL	NIGHT LIGHT-24/7 OPERATION
NTS	NOT TO SCALE
OC	ON CENTER
PAR	PARALLEL
PB	PUSH BUTTON
PC	PHOTOCELL CONTROLLED
PC/TO	PHOTOCELL ON/TIMECLOCK OFF
PNL	PANEL
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
QTY	QUANTITY
RCVR	RECEIVER
RE	REFERENCE
RECPT	RECEPTACLE
REF	REFERENCE
REFR	REFRIGERATOR
REP	REMOVE EXISTING AND REPLACE WITH NEW DEVICE
RM	ROOM
S	SOUTH
S.AMP	SUB-AMPLIFIER
SC	SECURITY CONTRACTOR
SF	SECURITY FURNITURE FIXED
SIO	STANDARD INFORMATION OUTLET
SMJB	SOUND SYSTEM CABINET W/MAIN JUNCTION BOX
SP	SPECIAL PURPOSE
SPKR	SPEAKER
SQ	SQUARE
SQ FT	SQUARE FEET
SQ IN	SQUARE INCH
SQ YD	SQUARE YARD
STD	STANDARD
STOR	STORAGE
SUSP CLG	SUSPENDED CEILING
T	TOILET
TCLF	TIMECLOCK CONTROLLED
TC	TECHNOLOGY CONTRACTOR
TEL	TELEPHONE
TEMP	TEMPERATURE
TP	TELEPHONE POLE
TS	TIME SWITCH
TYP	TYPICAL
UC	UNDER FLOOR
UGND	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
UH	UNIT HEATER
UR	URINAL
UTIL	UTILITY
UV	UNIT VENTILATOR
V	VOLT
VCST	VESTIBULE
VR	VARIABLE RESISTANT
W	WEST
WC	WATER CLOSET
WG	WAINSCOAT/WAINSCOTING COVER
WR	WEATHERPROOF
XFMR	TRANSFORMER

SYMBOL SCHEDULE

(NOTE: NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED)

MOUNTING HGT.	SYMBOL	DESCRIPTION
		LIGHTING FIXTURES
		DOWN LIGHT - RECESS MOUNTED
		DOWN LIGHT - RECESS MOUNTED SHOWS INDICATES EMERGENCY FIXTURE
		SURFACE MOUNTED ROUND
		WALL MOUNTED
		1'X2' - SURFACE MOUNTED
		1'X2' - RECESSED MOUNTED
		1'X4' - SURFACE MOUNTED
		1'X4' - RECESSED MOUNTED
		2'X2' - SURFACE MOUNTED
		2'X2' - RECESSED MOUNTED
		2'X4' - SURFACE MOUNTED
		2'X4' - RECESSED MOUNTED
		CEILING - SURFACE OR PENDENT MOUNTED
		WALL - SURFACE MOUNTED
		LIGHT INSIDE AIR HANDLING UNIT
		SHADING INDICATES EMERGENCY FIXTURE
		SHADING INDICATES EMERGENCY FIXTURE
		SHADING INDICATES EMERGENCY FIXTURE
		SINGLE FACE EXIT SIGN - ARROWS AS SHOWN ON DRAWINGS.
		DOUBLE FACE EXIT SIGN - ARROWS AS SHOWN ON DRAWINGS.
		WALL MOUNTED SINGLE FACE EXIT SIGN - ARROWS AS SHOWN ON DRAWINGS.
		EMERGENCY LIGHTING UNIT - WALL MOUNTED
		POLE LIGHT - SINGLE HEAD
		LIGHT FIXTURE LABELING
		FIXTURE TYPE — PANEL AND CIRCUIT NUMBER — SWITCH LEG
		SWITCHES
48"		SINGLE POLE
48"		DOUBLE POLE
48"		THREE WAY
48"		FOUR WAY
48"		SWITCH WITH PILOT LIGHT
48"		MOTED SWITCH
48"		DIMMING CONTROL
48"		LOW VOLTAGE LIGHTING CONTROL SWITCHES
48"		AUTOMATIC SHUT-OFF TIMER, TORK 2540A, OR APPROVED EQUAL
		CEILING OCCUPANCY SENSOR, MOUNTED DESIGNATED SENSOR TYPE, REFER TO OCCUPANCY SENSOR SCHEDULE.
48"		SINGLE WALL SWITCH W/PIR OCCUPANCY SENSOR
48"		TWO LEVEL SWITCHING WITH PIR OCCUPANCY SENSOR
		DAYLIGHT SENSOR
		PHOTOELECTRIC SENSOR
		MISCELLANEOUS
		ELECTRICAL NOTE TAG
		REVISION TAG

GENERAL NOTES

1. ALL UNDERGROUND WIRE SHALL HAVE TYPE THHW TYPE INSULATION.
2. REFER TO ALL DRAWINGS INCLUDING ARCHITECTURAL, CIVIL, STRUCTURAL, AUDIO/VISUAL, TELECOMMUNICATIONS, ELECTRICAL, POWER MECHANICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS AND SYMBOLS.
3. ALL DRAWINGS ARE OF EQUAL IMPORTANCE IN DEFINING THE WORK OF THE CONTRACT DOCUMENTS. CONTRACTORS SHALL REVIEW ALL DRAWINGS BEFORE THE INSTALLATION OF THEIR WORK. SHOULD THERE BE A DISCREPANCY NOTED AND BETWEEN THE DRAWINGS THAT WOULD CAUSE AN AMBIGUOUS OR IMPROPER INSTALLATION, NOTIFY ENGINEER FOR CLARIFICATION PRIOR TO INSTALLATION OF SAID WORK. ANY WORK INSTALLED IN CONFLICT WITH THE CONTRACTORS DRAWINGS SHALL BE CORRECTED BY CONTRACTOR AT THE CONTRACTOR'S EXPENSE AND AT NO ADDITIONAL COST TO OWNER OR ENGINEER.
4. DO NOT SCALE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE - USE GIVEN DIMENSIONS. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO THE START OF CONSTRUCTION. IF DISCREPANCIES ARE FOUND, NOTIFY ARCHITECT FOR CLARIFICATION BEFORE COMMENCING THE WORK. SEE WALL SECTIONS AND EXHIBITION TYPES FOR EXACT CONSTRUCTION.
5. REFER TO ARCHITECTURAL ROTUNDA CEILING PLANS FOR LIGHT FIXTURE LOCATIONS.
6. REFER TO DRAWING A100 FOR ADDITIONAL MOUNTING HEIGHT REQUIREMENTS.
7. SEE ARCHITECTURAL DRAWINGS FOR REFERENCE PLAN INDICATING FIRE RATED PARTITIONS AND SPACES. ALL ELECTRICAL PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE SLEEVED AND FIRE SAFED EQUALLY TO THE HOURLY FIRE RATING OF THE CONSTRUCTION.
8. DASHED PLAN ELEMENTS WILL BE PROVIDED BY OWNER AND ARE SHOWN FOR COORDINATION ONLY.
9. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CAN NOT BE DETERMINED, CONSULT ENGINEER BEFORE PROCEEDING WITH THE WORK.
10. ELECTRICAL CONTRACTOR SHALL COORDINATE LIGHT FIXTURE LOCATIONS IN HOSPITALS WITH ELEVATOR CONTRACTOR. ADJUST LIGHT FIXTURE LOCATIONS AS REQUIRED.
11. CONTRACTOR SHALL PROVIDE STIFFENERS, GRAININGS, BACKING PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE PROPER INSTALLATION OF ALL BOXES, LIGHT FIXTURES AND MISCELLANEOUS EQUIPMENT WHETHER SUCH SUPPORTS ARE SHOWN OR NOT.
12. INSTALL ALL RECESSED CABINETS, PANELS, BOXES, ETC., LOCATED IN FIRE-RATED PARTITIONS TO MAINTAIN THE FIRE-RATED CONSTRUCTION.
13. COORDINATE ALL ELECTRICAL, FLOOR, ROOF AND WALL SLEEVES WITH MECHANICAL, PLUMBING, FIRE PROTECTION, STRUCTURAL AND ARCHITECTURAL DRAWINGS.
14. PROVIDE DEDICATED NEUTRAL CONDUCTOR FOR ALL BRANCH CIRCUITS.
15. PROGRAM LIGHT SWITCH AUTOMATIC SHUT-OFF TIMERS FOR 30 MINUTE COUNTDOWN.
16. PROVIDE EQUIPMENT GROUNDING CONDUCTOR SIZED PER NEC IN ALL CONDUITS.
17. THIS PROJECT HAS PHASED CONSTRUCTION. REFER TO THE ARCHITECTURAL DRAWINGS AND THE PROJECT MANUAL FOR REQUIREMENTS.
18. PROVIDE A MINIMUM OF SIX FEET EXTRA CABLE COILED AND TIE TIED ABOVE THE CEILING FOR EACH OCCUPANCY SENSOR.
19. ALL LOW VOLTAGE CABLES NOT SPECIFIED TO BE IN CONDUIT INCLUDING BUT NOT LIMITED TO EXISTING CONTROL, ETC., SHALL BE PLENUM RATED.
20. COORDINATE GENERATOR TRANSFER DEVICES (CTD) WITH LIGHT FIXTURE TYPE SERVED. INSTALL CTD UNIT INSIDE BALLAST CHANNEL WHERE APPLICABLE. FOR LIGHT FIXTURES WITHOUT BALLAST CHANNEL (I.E. CONVERSIONS, ETC.) PROVIDE CTD IN JUNCTION BOX ABOVE SUSPENDED CEILING OR IN ELECTRICAL ROOM. NOTE INSTALLED CTD LOCATIONS ON AS-BUILT DRAWINGS. WHERE MULTIPLE LIGHT FIXTURES ARE CALLED TO HAVE CTD'S IN THE SAME ROOM AND ON THE SAME SWITCH LEG, A SINGLE CTD OF SUFFICIENT CAPACITY MAY BE USED. INSTALL CTD UNITS IN ACCESSIBLE LOCATIONS. COORDINATE LOCATIONS WITH THE CEILING TYPE.

PRELIMINARY
NOT FOR CONSTRUCTION

Architect:
Potter Lawson

PLI Project No: 2009.18.00

Consultant:

State of Wisconsin
Department of Administration
Division of State Facilities

Agency / Institution: UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN - MADISON

Project Title: WISCONSIN ENERGY INSTITUTE

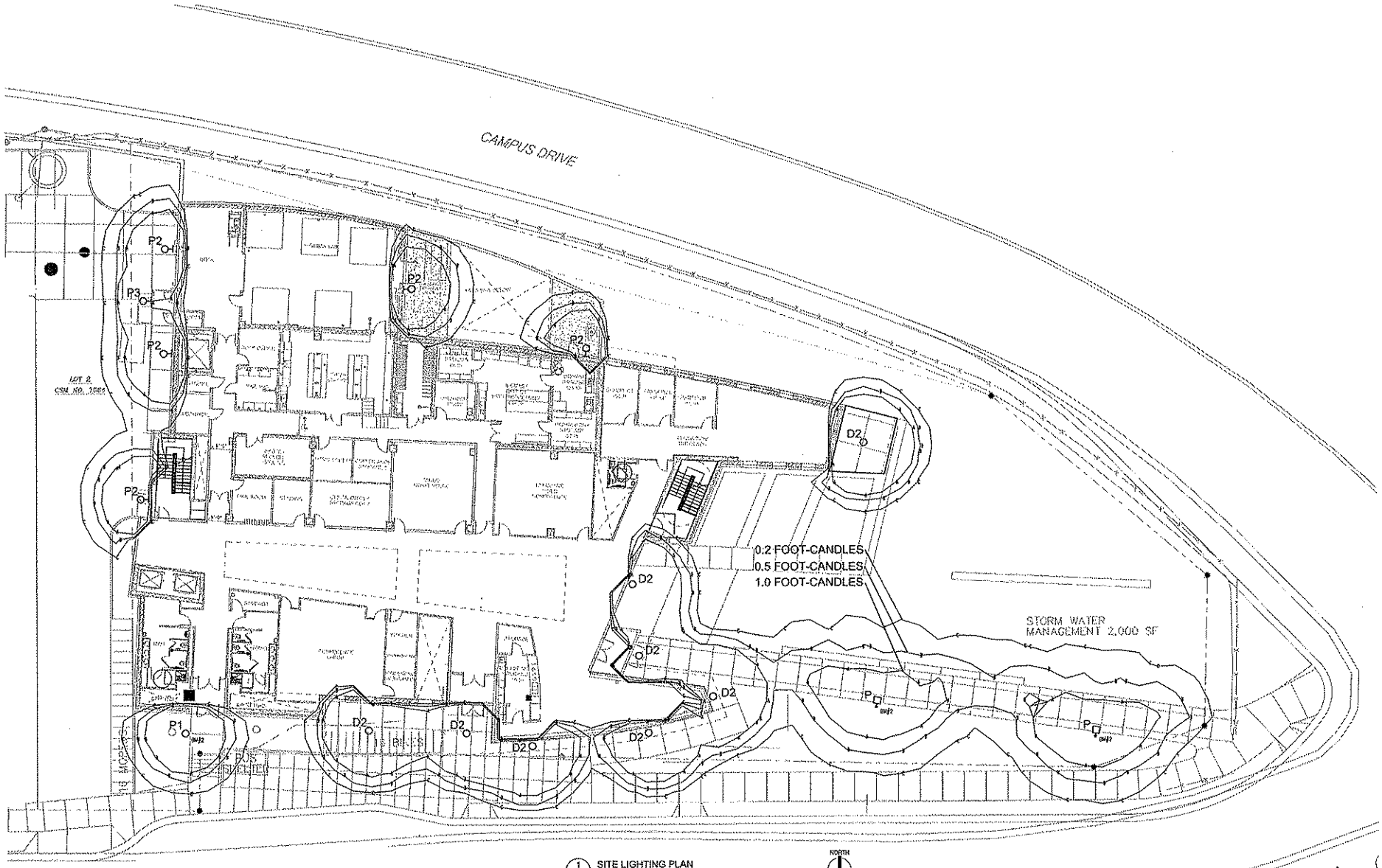
Project Location: UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

Sheet Title: ABBREVIATIONS, SYMBOLS, ABBREVIATIONS AND GENERAL NOTES

Revisions:

No.	Date	Description

Graphic Scale	NTS
DSF Number	08 A 2 E
Set Type	PR
Date Issued	05/21/2010
Sheet Number	EL001



1 SITE LIGHTING PLAN
EL002

NORTH

NOTE TO REVIEWER:

SITE LIGHTING ISO-FOOTCANDLE LINES SHOWN ON THIS DRAWING ARE BASED ON INITIAL ILLUMINATION LEVELS.

GENERAL NOTES:

1. LIGHT FIXTURE TYPE P IS MOUNTED ON A 12 FOOT HIGH POLE.
2. LIGHT FIXTURE TYPE D2 IS INSTALLED IN THE SEALING SOFFIT, AT A HEIGHT OF 14 FEET ABOVE GRADE.
3. LIGHT FIXTURE TYPE P3 IS BULKHEAD MOUNTED AT 9 FEET ABOVE GRADE.
4. LIGHT FIXTURE TYPE P3 IS INSTALLED IN THE CONCRETE RANDING AT 18 INCHES ABOVE THE STEP TREAD DIRECTLY BELOW THE FIXTURE.

PRELIMINARY
NOT FOR CONSTRUCTION

Architect:
Potter Lawson

PL Project No:
2009.18.00

Consultant:

State of Wisconsin
Department of Administration
Division of State Facilities

Agency / Institution:
UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN - MADISON

Project Title:
WISCONSIN ENERGY INSTITUTE

Project Location:
UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

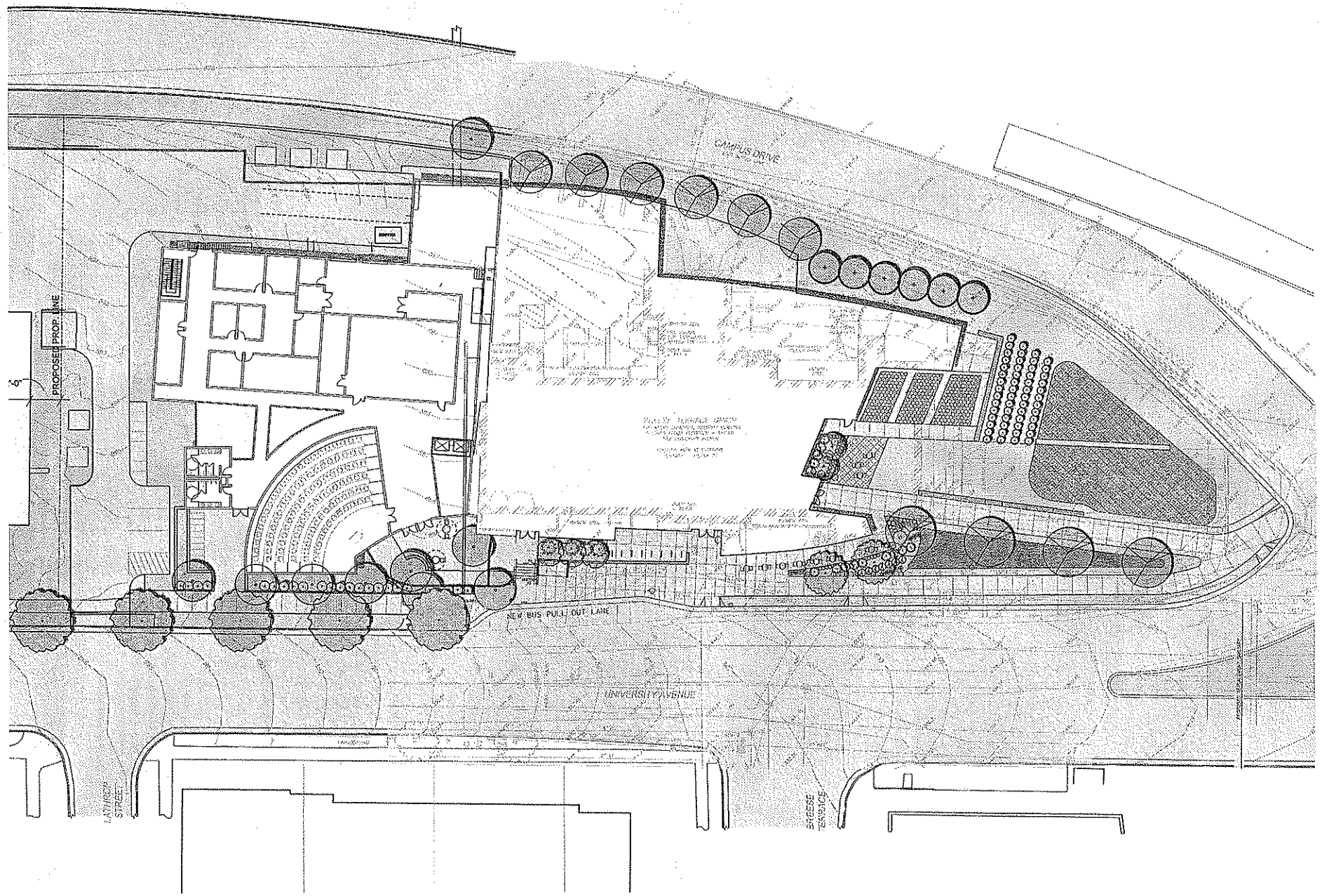
Sheet Title:
SITE LIGHTING PLAN AND DETAILS

Revisions:

No.	Date	Description

Graphic Scale: 0' 5' 10' 15'

DSF Number	08 A 2 E
Set Type	REVIEW
Date Issued	06/7/2010
Sheet Number	EL002



PO Project No:
2009.18.00

State of Wisconsin
Department of Administration
Division of State Facilities

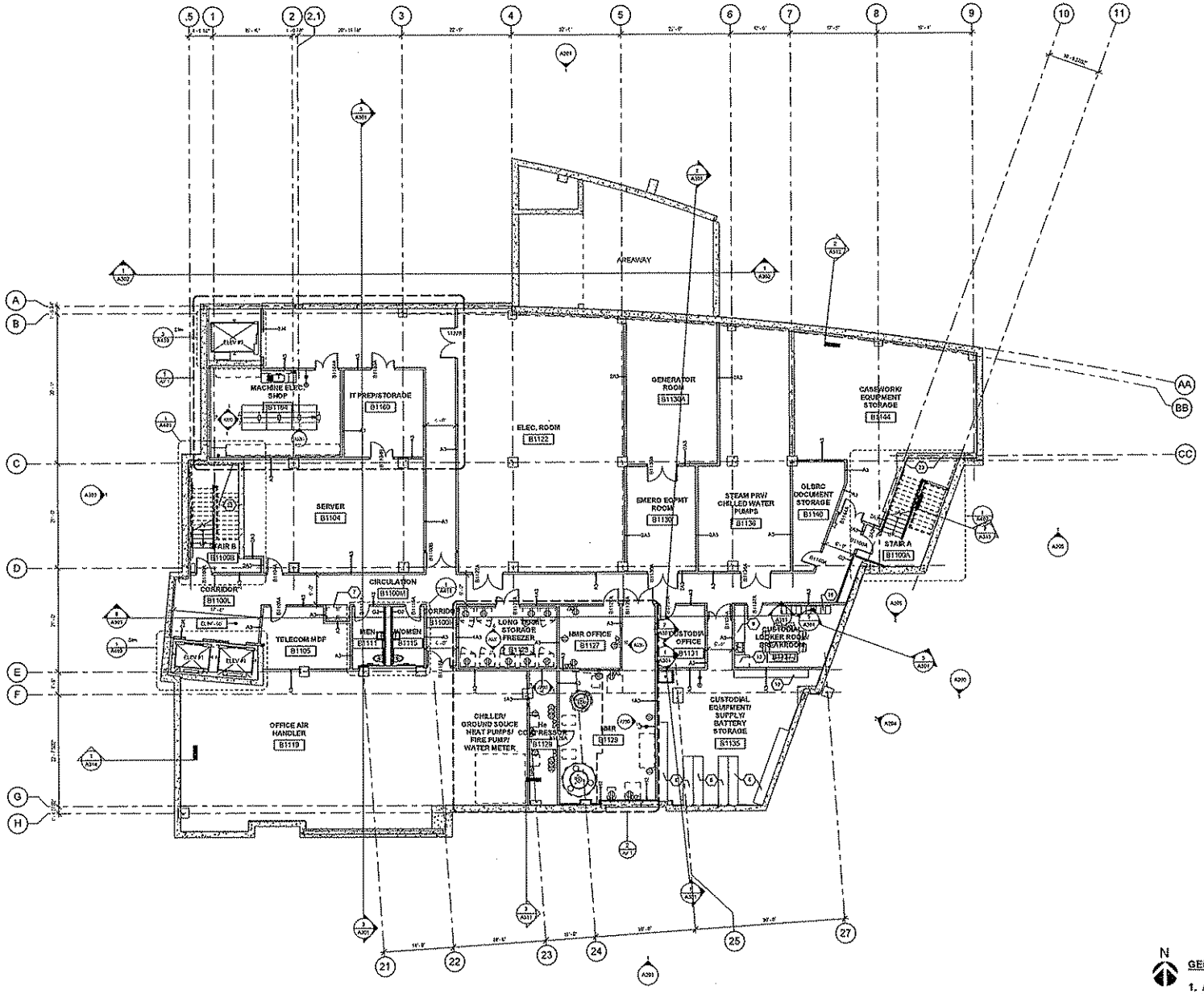
WISCONSIN ENERGY INSTITUTE

UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

Phase 1 & Phase 2 Concept Site Plan

0 2.5 5 10 15

06/04/10



1 A101 BASEMENT FLOOR PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. All Electrical and IT room walls to be covered with A-C grade plywood from 12" AFF to 96" AFF. Plywood to be painted with fire retardant (intumescent) paint (front, back and all edges)

2. All Toilet rooms to have water resistent green gypsum board on finish surface

Architect: Potter Lawson

Project No: 2009.18.00

Consultant:

State of Wisconsin
Department of Administration
Division of State Facilities

Agency Institution: UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN - MADISON

Project Title: WISCONSIN ENERGY INSTITUTE

Project Location: UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

Sheet Title: Basement Floor Plan

Revisions:

No.	Date	Description

Graphic Scale: 0' 2' 4' 8' 12'

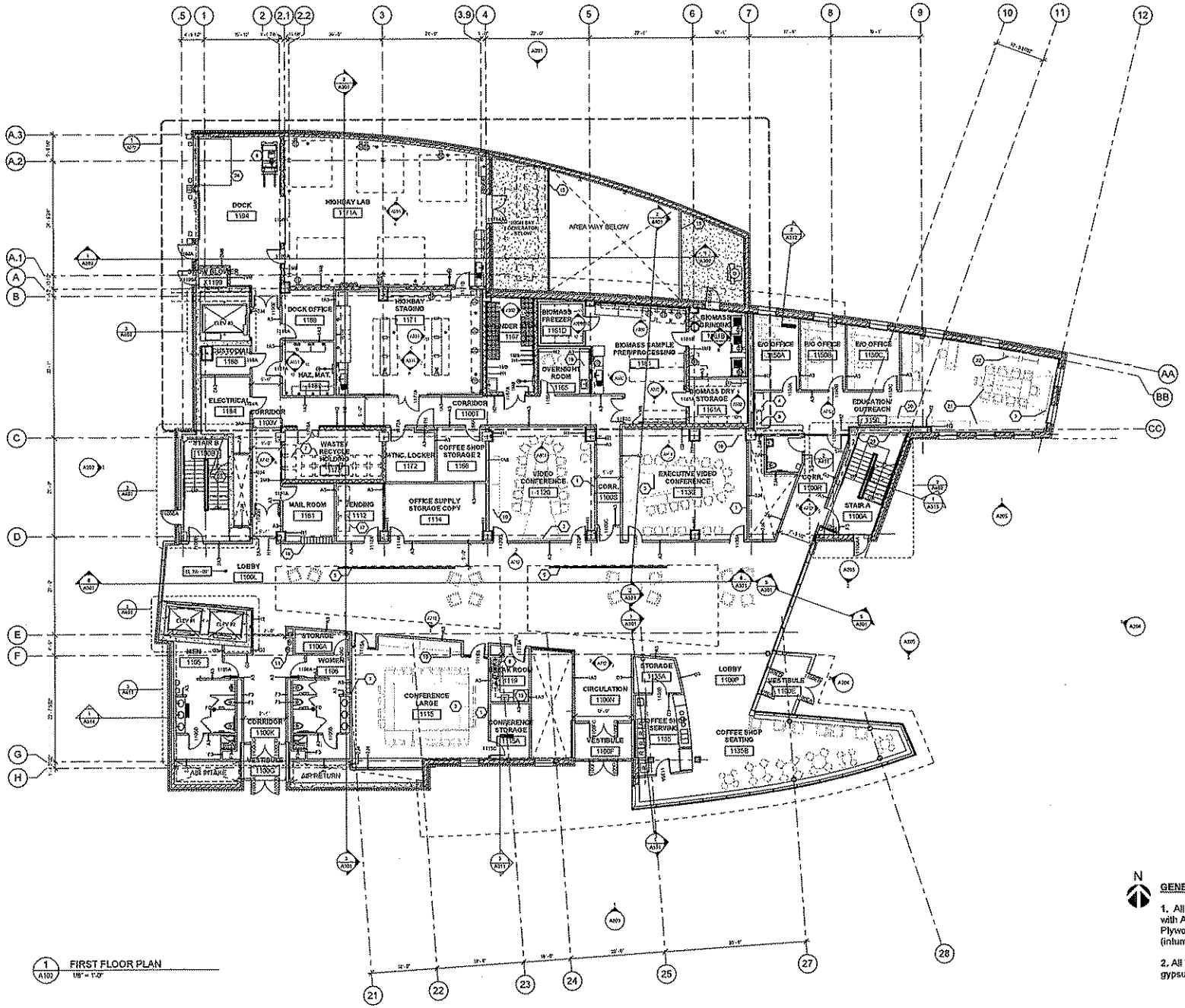
DSF Number: 08 A 2 E

Set Type: PR

Date Issued: 05/21/2010

Sheet Number: A101

5/20/2010 2:31:02 PM



1 A102 FIRST FLOOR PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. All Electrical and IT room walls to be covered with A-C grade plywood from 12" AFF to 96" AFF. Plywood to be painted with fire retardant (intumescent) paint (front, back and all edges)

2. All Toilet rooms to have water resistent green gypsum board on finish surface

Architect: Potter Lawson

P.O. Project No.: 2009.16.00

Consultant:

State of Wisconsin
Department of Administration
Division of State Facilities

Agency Project:
UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN - MADISON

Project Title: WISCONSIN ENERGY INSTITUTE

Project Location: UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

Sheet Title: First Floor Plan

Revisions

No.	Date	Description

Graphic Scale: 0 2' 4' 8' 12'

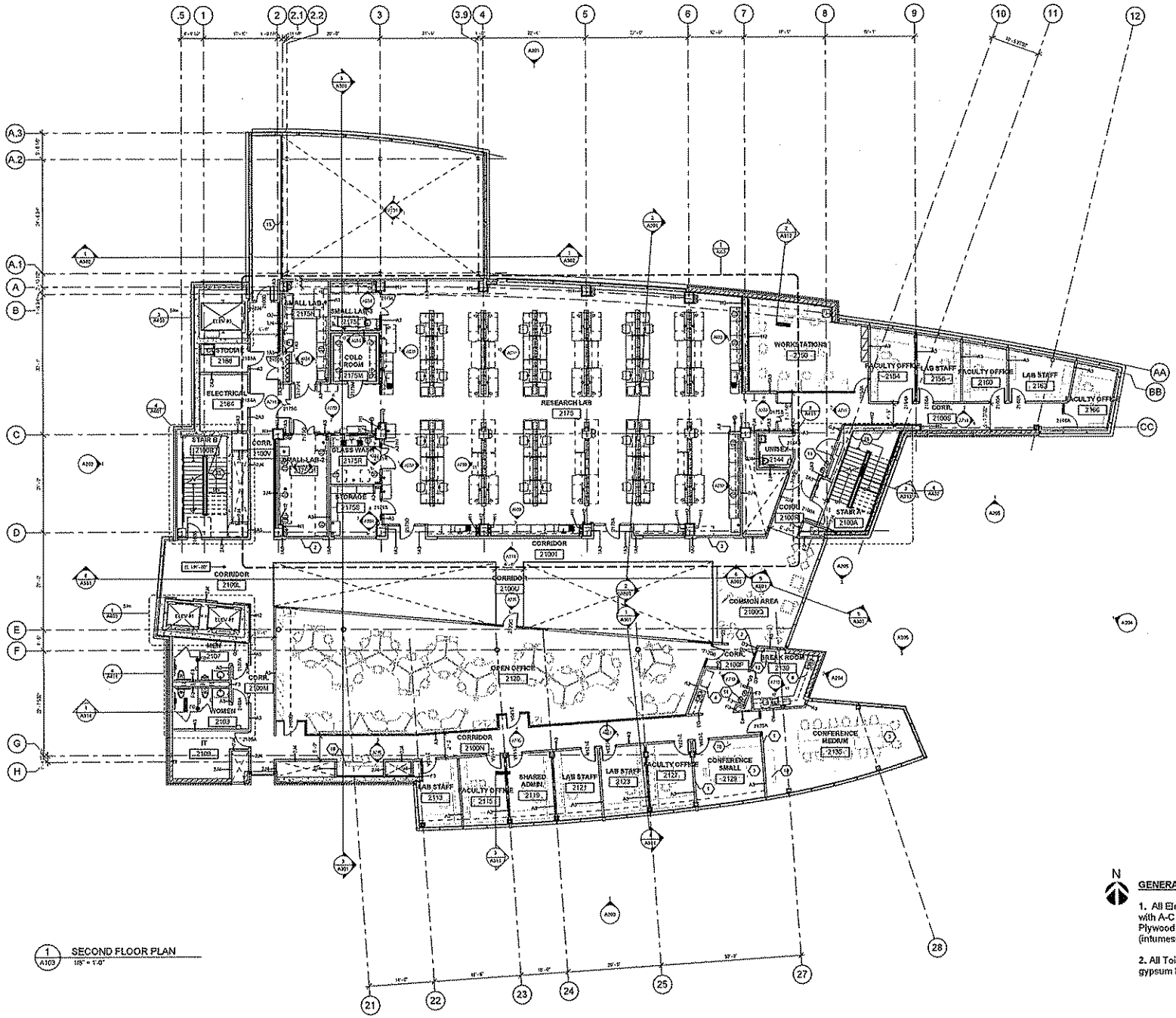
DFD Number: 08 A 2 E

Set Type: PR

Date Issued: 05/21/2010

Sheet Number: A102

5/20/2010 2:31:09 PM



1 SECOND FLOOR PLAN
A103 1/8" = 1'-0"

GENERAL NOTES:

1. All Electrical and IT room walls to be covered with A-C grade plywood from 12" AFF to 96" AFF. Plywood to be painted with fire retardant (intumescent) paint (front, back and all edges)

2. All Toilet rooms to have water resistent green gypsum board on finish surface

Architect: Potter Lawson

Project No.: 2009.18.00

State of Wisconsin
Department of Administration
Division of State Facilities

Agency / Institution: UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN - MADISON

Project Title: WISCONSIN ENERGY INSTITUTE

Project Location: UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

Sheet Title: Second Floor Plan

Revisions

No.	Date	Description

Graphic Scale: 0' 2' 4' 8' 12'

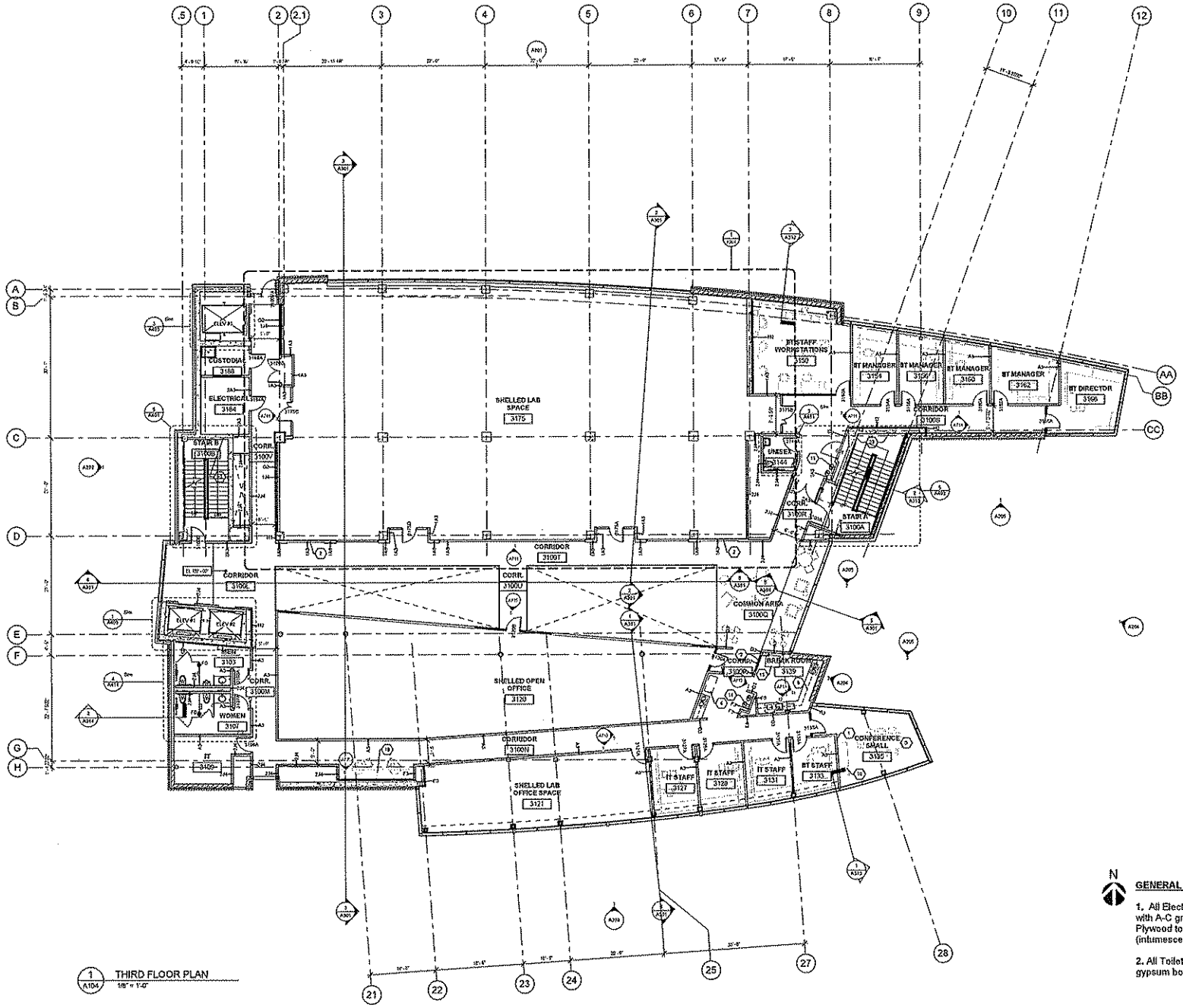
DSF Number: 09 A 2 E

Set Type: PR

Date Issued: 05/25/2010

Sheet Number: A103

5/25/2010 2:31:20 PM



1 A104 THIRD FLOOR PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. All Electrical and IT room walls to be covered with A-C grade plywood from 12" AFF to 96" AFF. Plywood to be painted with fire retardant (intumescent) paint (front, back and all edges)

2. All Toilet rooms to have water resistent green gypsum board on finish surface

Architect: Potter Lawson

Bid Project No: 2009.18.00

State of Wisconsin
Department of Administration
Division of State Facilities

Agency Project: UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN - MADISON

Project Title: WISCONSIN ENERGY INSTITUTE
Project Location: UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN
Sheet Title: Third Floor Plan

Revisions

No.	Date	Description

Graphic Scale: 0' 2' 4' 8' 12'

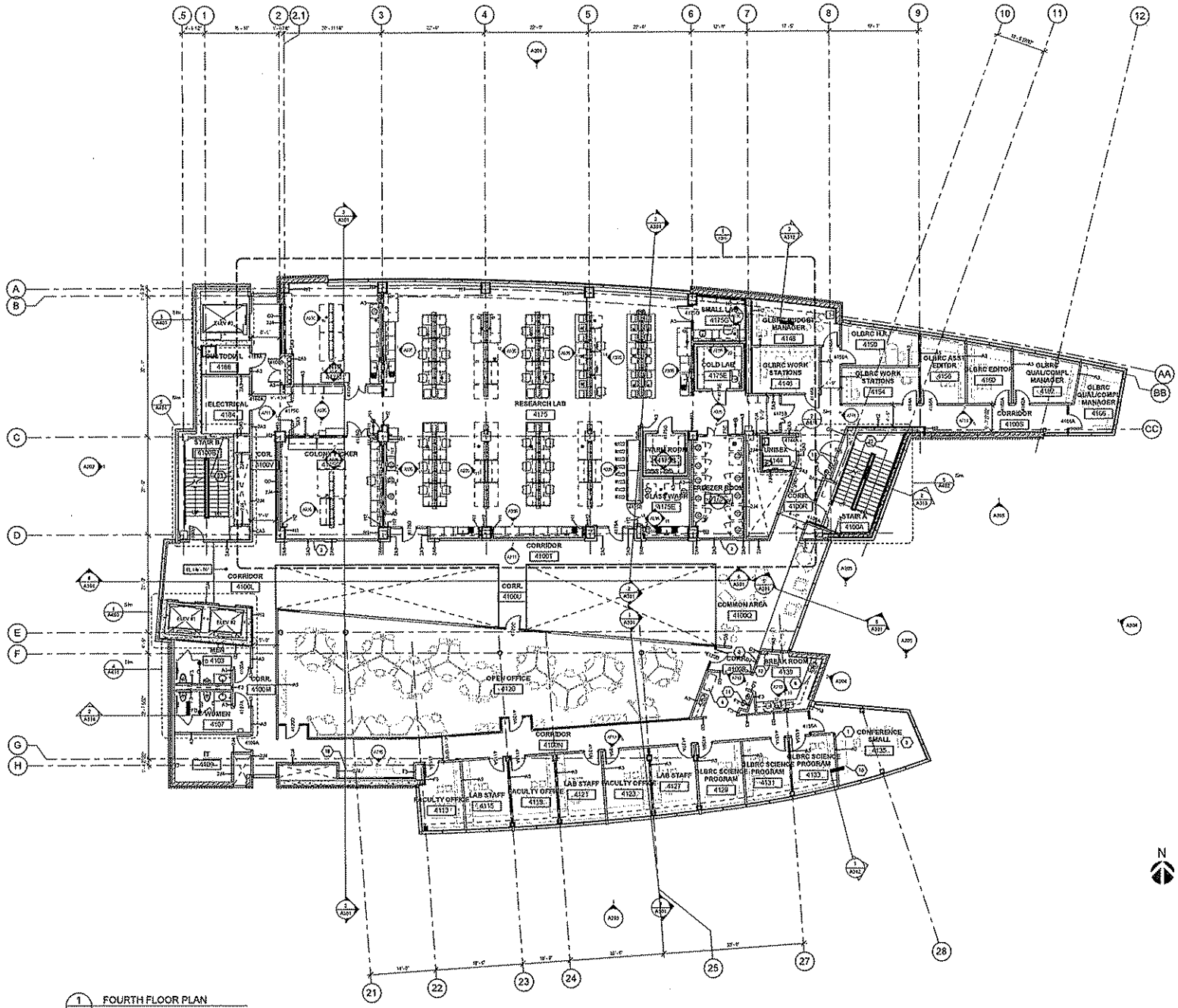
DFD Number: 08 A 2 E

Set Type: PR

Date Issued: 05/21/2010

Sheet Number: A104

5/20/2010 2:01:04 PM



1 A105 FOURTH FLOOR PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. All Electrical and IT room walls to be covered with A-C grade plywood from 12" AFF to 96" AFF. Plywood to be painted with fire retardant (intumescent) paint (front, back and all edges)

2. All Toilet rooms to have water resistent green gypsum board on finish surface

Architect: Potter Lawson

Project No. 2009.18.00

State of Wisconsin
Department of Administration
Division of State Facilities

Project Name: WISCONSIN ENERGY INSTITUTE
Project Location: UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN
Sheet Title: Fourth Floor Plan

Owner: UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN - MADISON

Revisions

No.	Date	Description

Graphic Scale: 0 2 4 8 12

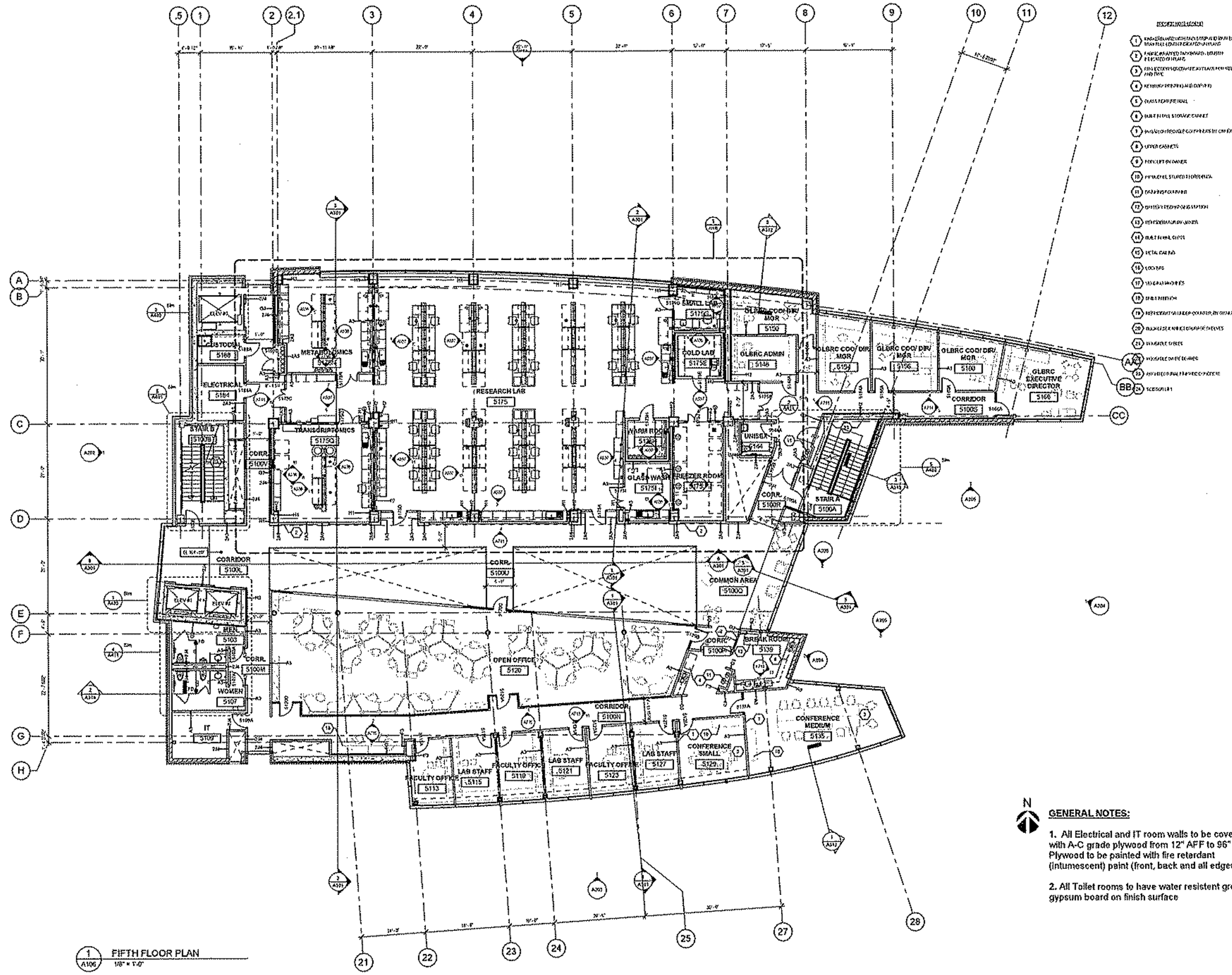
CSF Number: 08 A 2 E

Set Type: PR

Date Issued: 05/21/2010

Sheet Number: A105

5/20/2010 2:31:32 PM



1 FIFTH FLOOR PLAN
A106 1/8" = 1'-0"

N

GENERAL NOTES:

1. All Electrical and IT room walls to be covered with A-C grade plywood from 12" AFF to 96" AFF. Plywood to be painted with fire retardant (intumescent) paint (front, back and all edges)

2. All Toilet rooms to have water resistent green gypsum board on finish surface

Architect:
Potter Lawson

Project No: 2009.18.00

Consultant:

State of Wisconsin
Department of Administration
Division of State Facilities

Agency / Institution: UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN - MADISON

Project Title: **WISCONSIN ENERGY INSTITUTE**

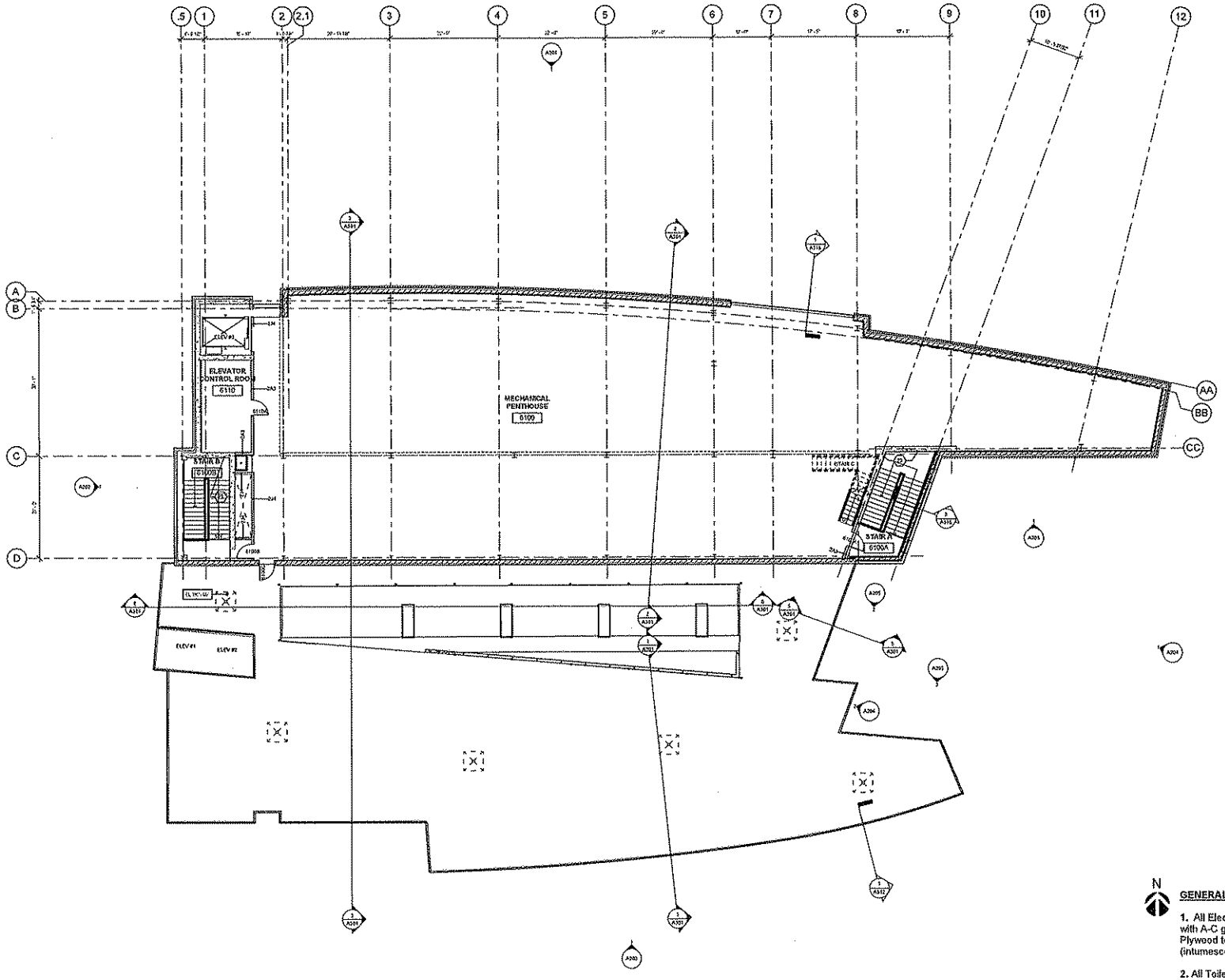
Project Location: UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

Sheet Title: Fifth Floor Plan

Revisions:		
No.	Date:	Description:

Graphic Scale	0' 2' 4' 8' 12'
DSF Number	09A2E
Set Type	PR
Date Issued	05/21/2010
Sheet Number	A106

5/20/2010 2:31:40 PM



1 A107 PENTHOUSE FLOOR PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. All Electrical and IT room walls to be covered with A-C grade plywood from 12" AFF to 96" AFF. Plywood to be painted with fire retardant (intumescent) paint (front, back and all edges)

2. All Toilet rooms to have water resistent green gypsum board on finish surface

Architect: Potter Lawson

Issue Date: 2009.10.09

State of Wisconsin
Department of Administration
Division of State Facilities

Agency Project: UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN - MADISON

Project Title: WISCONSIN ENERGY INSTITUTE

Project Location: UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

Sheet Title: Penthouse Floor Plan

Revisions:

No.	Date	Description

Graphic Scale: 0' 2' 4' 8' 12'

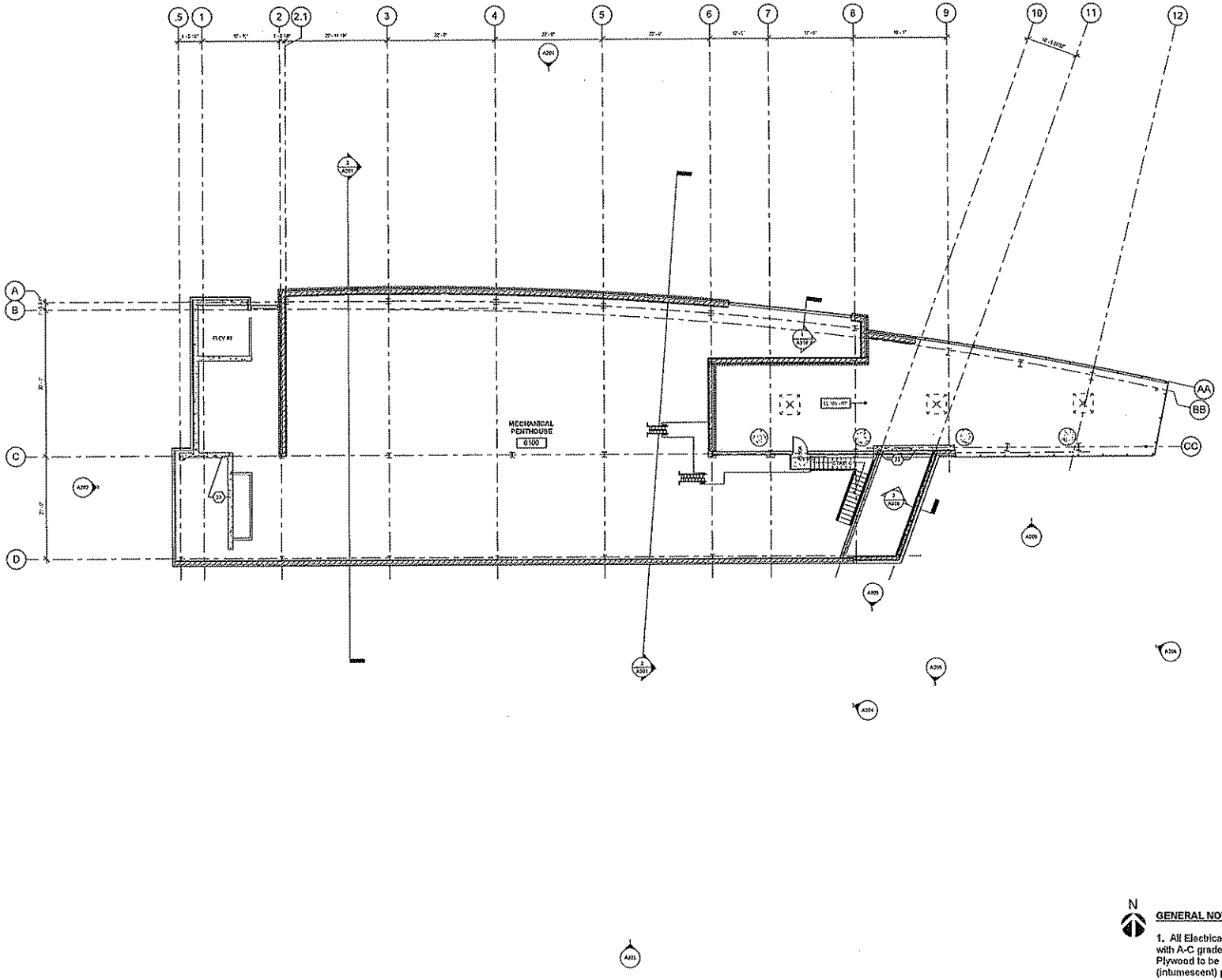
DFD Number: 08 A 2 E

Set Type: PR

Date Issued: 05/21/2010

Sheet Number: A107

5/20/2010 2:31:44 PM



1 A105 PENTHOUSE MEZZANINE FLOOR PLAN
1/8" = 1'-0"

N

GENERAL NOTES:

1. All Electrical and IT room walls to be covered with A-C grade plywood from 12" AFF to 96" AFF. Plywood to be painted with fire retardant (intumescent) paint (front, back and all edges)

2. All Toilet rooms to have water resistent green gypsum board on finish surface

Architect: Potter Lawson

PO Project No.: 2009.18.00

Consultant:

State of Wisconsin
Department of Administration
Division of State Facilities

Agency Employer: UNIVERSITY OF WISCONSIN-SYSTEM
UNIVERSITY OF WISCONSIN - MADISON

Project Title: WISCONSIN ENERGY INSTITUTE

Project Location: UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

Sheet Title: PentHouse Mezzanine Floor Plan

Addenda:

No.	Date	Description

Graphic Scale: 0' 2' 4' 8' 12'

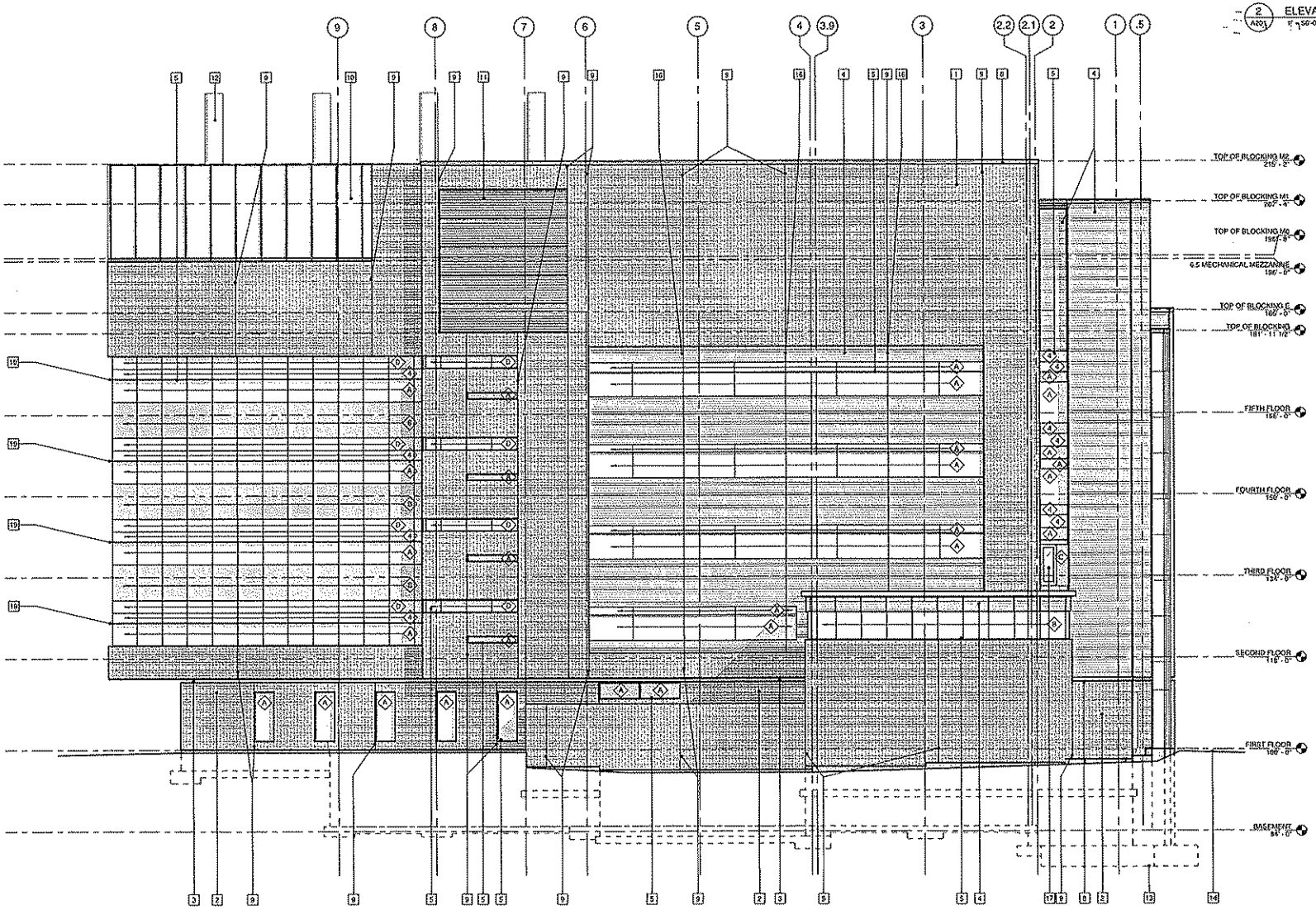
DSF Number: 08 A 2 E

Est Type: PR

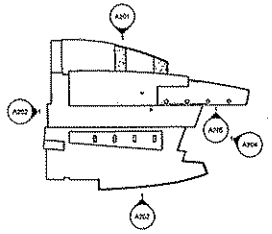
Date Issued: 05/21/2010

Sheet Number: A108

S:\2010\2-31-45.PM



1 A201 NORTH ELEVATION
1/8" = 1'-0"



2 A201 ELEVATION KEY PLAN
1" = 50'-0"

INSULATING GLASS TYPES (IGU)

ALL IGU TYPES ARE TYPE "A" UNLESS NOTED OTHERWISE

- A IGU-A: CLEAR VISION GLASS
- B IGU-B: SPANDREL
- C IGU-C: CLEAR VISION GLASS - PT
- D IGU-D: CLEAR VISION GLASS
- E IGU-E: CLEAR VISION GLASS - PT

NONINSULATING GLASS TYPES

- 4 SHADOW BOX

KEYNOTES:

1. BRICK TYPE 1 - RUNNING BOND
2. BRICK TYPE 2 - STACKED BOND
3. STAINLESS STEEL REVEAL
4. METAL PANEL
5. CURTAIN WALL GLAZING SYSTEM
6. HOLLOW METAL DOOR AND FRAME
7. INSULATED, SECTIONAL OVERHEAD DOOR
8. METAL FASCIA
9. VERTICAL MOVEMENT JOINTS
10. SCREEN WALL
11. LOUVER
12. VENT STACKS
13. LINE OF FOUNDATION AND FOOTING
14. GRADE
15. LIGHTWELL BEYOND
16. METAL PANEL JOINT, TYP.
17. EXTERIOR ALUMINUM DOOR
18. CONCRETE STAIR, RAMP AND RAILING - SEE S-301
19. CURTAINWALL CAP

Architect: Potter Lawson

PLA Project No: 2009.18.00

State of Wisconsin
Department of Administration
Division of State Facilities

Agency Project Manager: UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN - MADISON

Project Title: WISCONSIN ENERGY INSTITUTE

Project Location: UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

Sheet Title: BUILDING ELEVATIONS

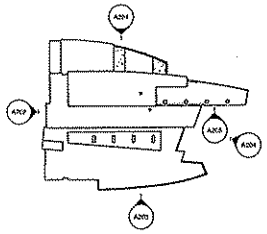
Revisions:

No.	Date	Description

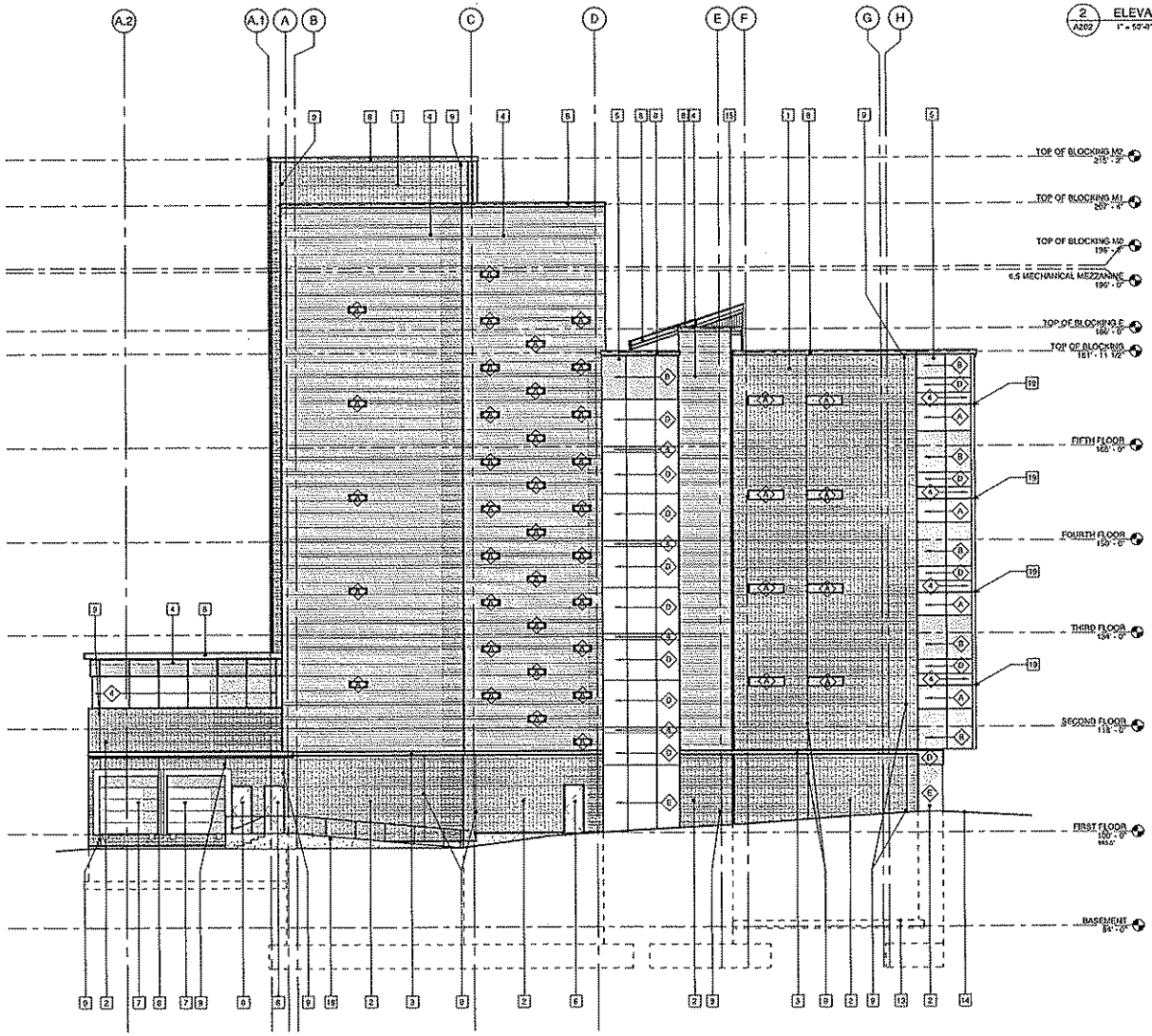
Graphic Scale: 0' 8' 16' 32' 48' 64'

CSF Number	09 A 2 E
Set Type	PR
Date Issued	05/21/2010
Sheet Number	A201

5/21/2010 2:12:20 PM



2 A202 ELEVATION KEY PLAN
1" = 50'-0"



1 A202 WEST ELEVATION
1/8" = 1'-0"

INSULATING GLASS TYPES (IGU)

ALL IGU TYPES ARE TYPE "A" UNLESS NOTED OTHERWISE

- A IGU-A: CLEAR VISION GLASS
- B IGU-B: SPANDREL
- C IGU-C: CLEAR VISION GLASS - PT
- D IGU-D: CLEAR VISION GLASS
- E IGU-E: CLEAR VISION GLASS - PT

MONOLITHIC GLASS TYPES

- 4 SHADOW BOX

KEY NOTES:

1. BRICK TYPE 1 - RUNNING BOND
2. BRICK TYPE 2 - STACKED BOND
3. STAINLESS STEEL REVEAL
4. METAL PANEL
5. CURTAIN WALL GLAZING SYSTEM
6. HOLLOW METAL DOOR AND FRAME
7. INSULATED, SECTIONAL OVERHEAD DOOR
8. METAL FASCIA
9. VERTICAL MOVEMENT JOINTS
10. SCREEN WALL
11. LOUVER
12. VENT STACKS
13. LINE OF FOUNDATION AND FOOTING
14. GRADE
15. LIGHTWELL BEYOND
16. METAL PANEL JOINT, TYP.
17. EXTERIOR ALUMINUM DOOR
18. CONCRETE STAIR, RAMP AND RAILING - SEE V.C.N.1
19. CURTAINWALL CAP

Architect:
Potter Lawson

PCI Project No: 2009.18.00

Consultant:

State of Wisconsin
Department of Administration
Division of State Facilities

Agency Project Mgr:
UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN - MADISON

Project Title:
WISCONSIN ENERGY INSTITUTE

Project Location:
UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

Sheet Title:
BUILDING ELEVATIONS

Revisions:

No.	Date	Description

Graphic Scale: 0' 2' 4' 8' 12'

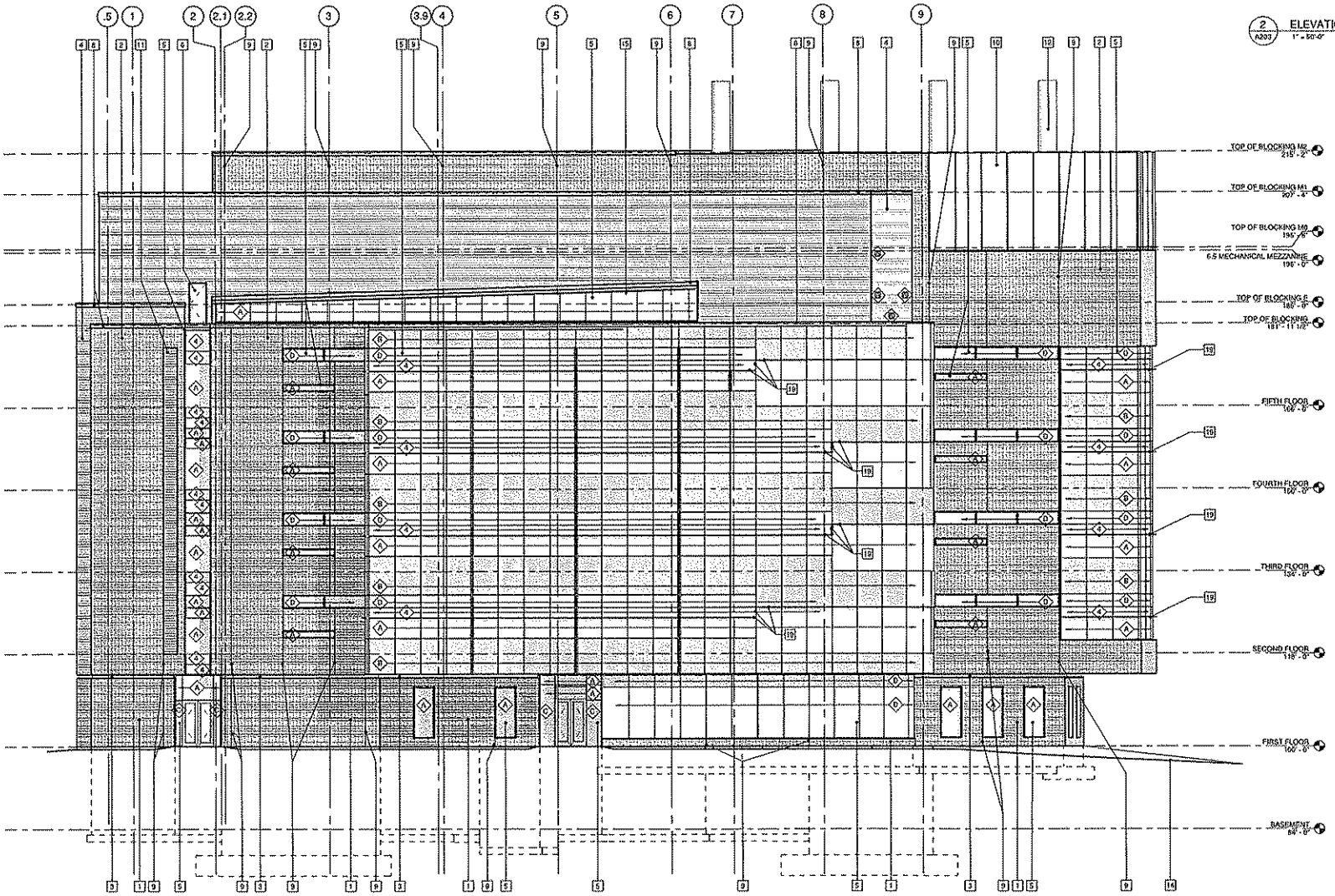
CSF Number: 08 A 2 E

Set Type: PR

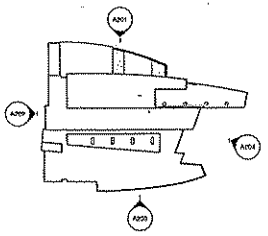
Date Issued: 05/21/2010

Sheet Number: A202

5/21/2010 2:15:40 PM



1 A203 SOUTH ELEVATION
1/8" = 1'-0"



2 A203 ELEVATION KEY PLAN
1" = 60'-0"

INSULATING GLASS TYPES (IGU)

ALL BUILDINGS ARE TYPE "A" UNLESS NOTED OTHERWISE

- A IGU-A: CLEAR VISION GLASS
- B IGU-B: SPANDREL
- C IGU-C: CLEAR VISION GLASS - FT
- D IGU-D: CLEAR VISION GLASS
- E IGU-E: CLEAR VISION GLASS - FT

MONOLITHIC GLASS TYPES

- 4 SHADOW BOX

KEY NOTES:

1. BRICK TYPE 1 - RUNNING BOND
2. BRICK TYPE 2 - STACKED BOND
3. STAINLESS STEEL REVEAL
4. METAL PANEL
5. CURTAIN WALL GLAZING SYSTEM
6. HOLLOW METAL DOOR AND FRAME
7. INSULATED, SECTIONAL OVERHEAD DOOR
8. METAL FASCIA
9. VERTICAL MOVEMENT JOINTS
10. SCREENWALL
11. LOUVER
12. VENT STACKS
13. LINE OF FOUNDATION AND FOOTING
14. GRADE
15. LIGHTWELL BEYOND
16. METAL PANEL JOINT, TYP.
17. EXTERIOR ALUMINUM DOOR
18. CONCRETE STAIR, RAMP AND RAILING - SEE I CNT
19. CURTAINWALL CAP

Architect:
Potter Lawson

PL Project No: 2009.10.00

Consultant:

State of Wisconsin
Department of Administration
Division of State Facilities

Agency Project:
UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN - MADISON

Project Title:
WISCONSIN ENERGY INSTITUTE

Project Location:
UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

Sheet Title:
BUILDING ELEVATIONS

Revisions:

No.	Date:	Description:

Graphic Scale: 0 2 4 8 12

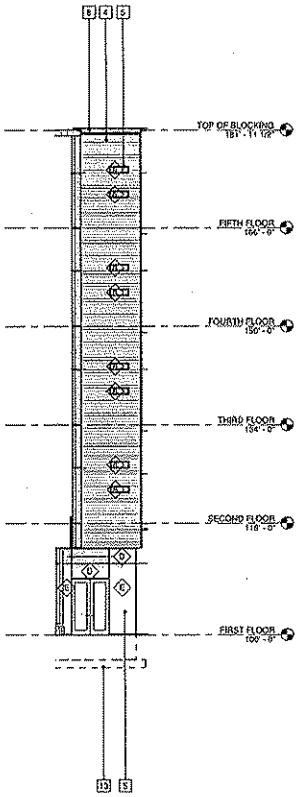
DSF Number: 06 A 2 E

Set Type: PR

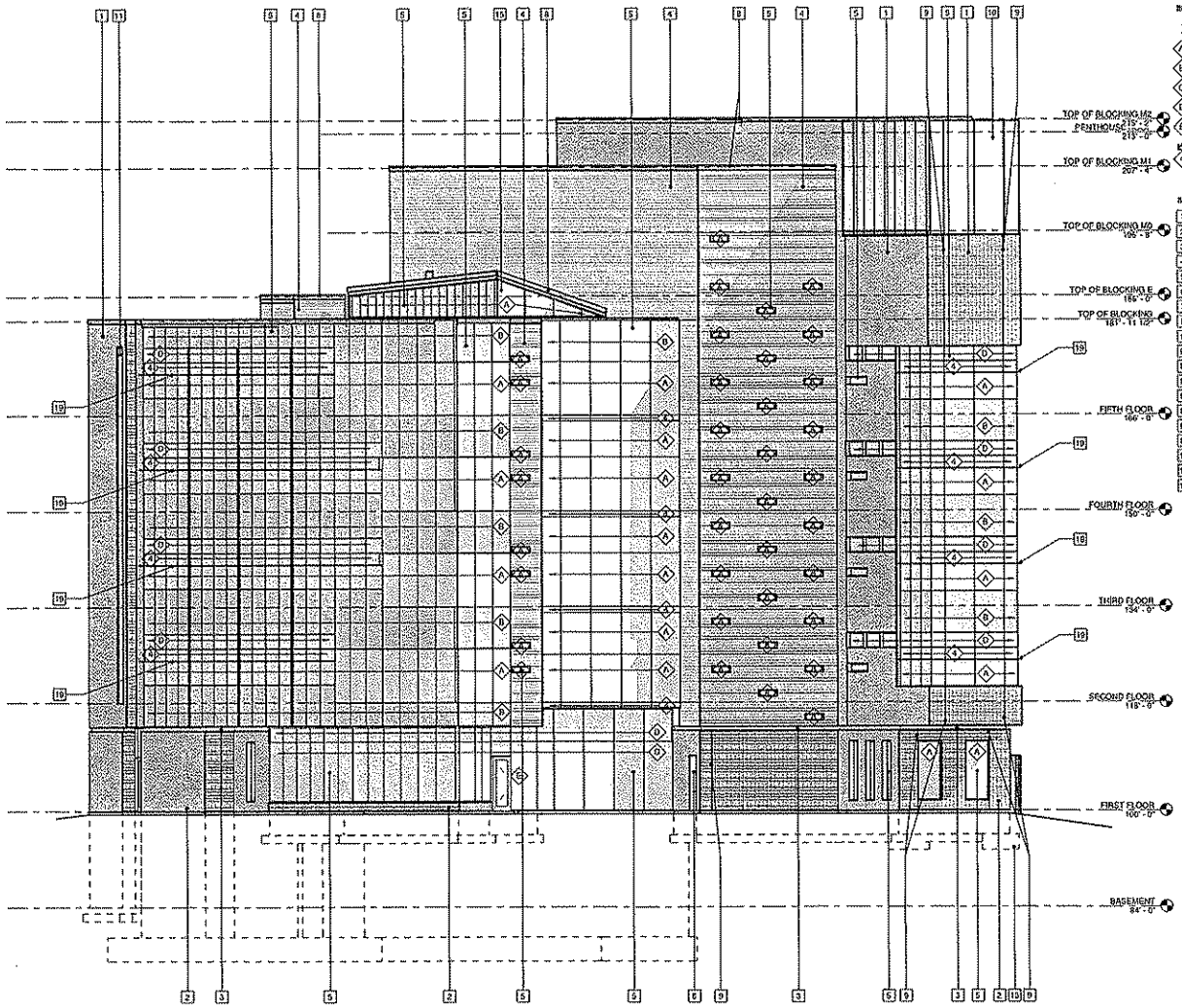
Date Issued: 05/21/2010

Sheet Number: A203

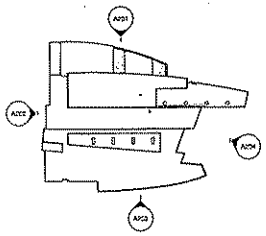
5/21/2010 2:25:40 PM



2 A204 EAST ENTRY PARTIAL EAST ELEVATION
1/8" = 1'-0"



1 A204 EAST ELEVATION
1/8" = 1'-0"



3 A204 ELEVATION KEY PLAN
1" = 50'-0"

WINDOW/GLAZING GLASS TYPES (TYP)

ALL SPLITTERS ARE TYPE "A" UNLESS NOTED OTHERWISE

- A IGU-A: CLEAR VISION GLASS
- B IGU-B: SPANDREL
- C IGU-C: CLEAR VISION GLASS - FT
- D IGU-D: CLEAR VISION GLASS
- E IGU-E: CLEAR VISION GLASS - FT

MONOLITHIC GLASS TYPES

- 4 SHADOW BOX

KEY NOTES:

1. BRICK TYPE 1 - RUNNING BOND
2. BRICK TYPE 2 - STACKED BOND
3. STAINLESS STEEL REVEAL
4. METAL PANEL
5. CURTAIN WALL GLAZING SYSTEM
6. HOLLOW METAL DOOR AND FRAME
7. INSULATED, SECTIONAL OVERHEAD DOOR
8. METAL FASCIA
9. VERTICAL MOVEMENT JOINTS
10. SCREEN WALL
11. LOUVER
12. VENT STACKS
13. EDGE OF FOUNDATION AND FOOTING
14. GRADE
15. LIGHTWELL BEYOND
16. METAL PANEL JOINT, TYP.
17. EXTERIOR ALUMINUM DOOR
18. CONCRETE STAIR, RAMP AND RAILING - SEE I-C001
19. CURTAINWALL CAP

Architect:
Potter Lawson

Issuing for:
2009.10.00

State of Wisconsin
Department of Administration
Division of State Facilities

Project Number:
UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN - MADISON

Project Title:
WISCONSIN ENERGY INSTITUTE
Project Location:
UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

Sheet Title:
BUILDING ELEVATIONS

Revisions:

No.	Date	Description

Graphic Scale: 0' 2' 4' 8' 12'

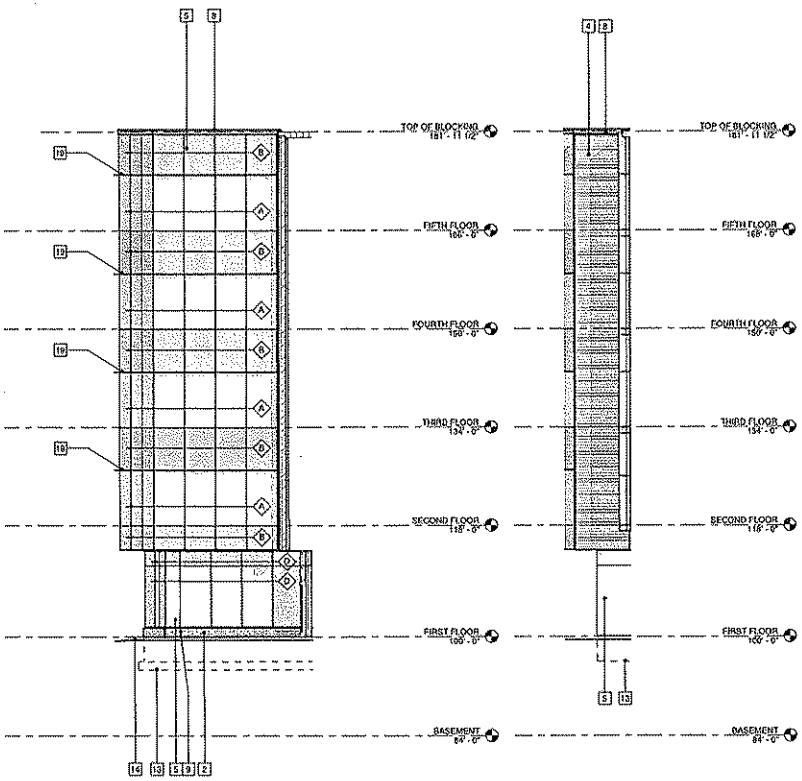
CSF Number: 08 A 2 E

Set Type: PR

Date Issued: 05/21/2010

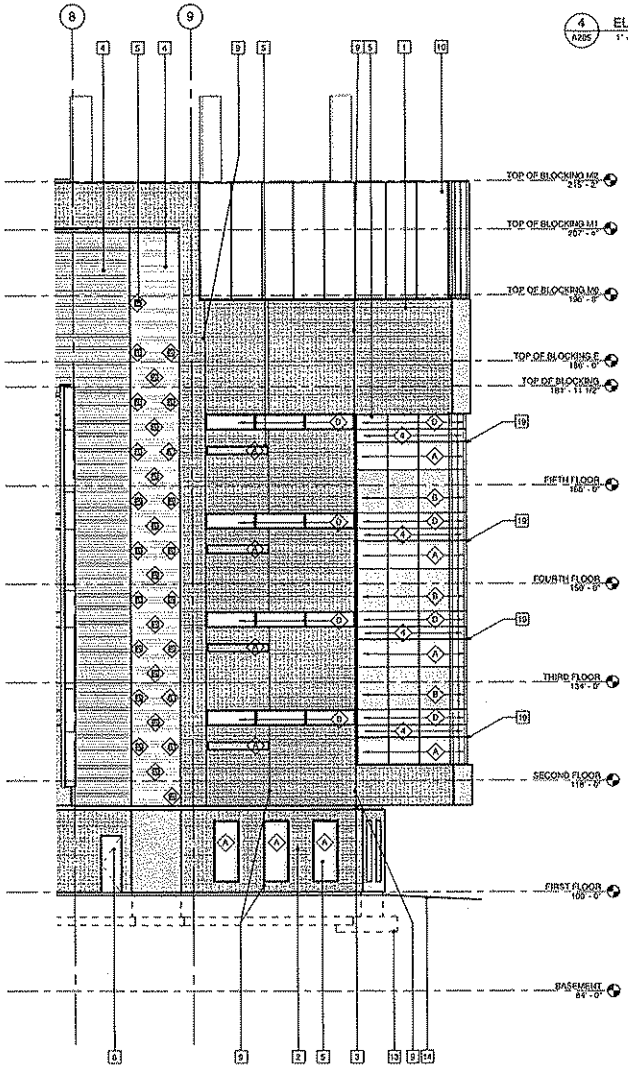
Sheet Number: A204

5/21/2010 2:23:51 PM

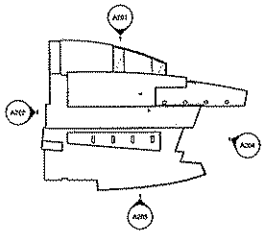


3 A205 SE WING PARTIAL NORTH ELEVATION
1/8" = 1'-0"

2 A205 EAST ENTRY PARTIAL NORTH ELEVATION
1/8" = 1'-0"



1 A205 NE WING PARTIAL SOUTH ELEVATION
1/8" = 1'-0"



4 A205 ELEVATION KEY PLAN
1" = 50'-0"

INSULATING GLASS TYPES (IGU)

ALL IGU TYPES ARE TYPE "A" UNLESS NOTED OTHERWISE

- A IGU-A: CLEAR VISION GLASS
- B IGU-B: SPANDREL
- C IGU-C: CLEAR VISION GLASS - FT
- D IGU-D: CLEAR VISION GLASS
- E IGU-E: CLEAR VISION GLASS - FT

MONOLITHIC GLASS TYPES

- 4 SHADOW BOX

KEY NOTES:

1. BRICK TYPE 1 - RUNNING BOND
2. BRICK TYPE 2 - STACKED BOND
3. STAINLESS STEEL REVEAL
4. METAL PANEL
5. CURTAIN WALL GLAZING SYSTEM
6. HOLLOW METAL DOOR AND FRAME
7. INSULATED, SECTIONAL OVERHEAD DOOR
8. METAL FASCIA
9. VERTICAL MOVEMENT JOINTS
10. SCREEN WALL
11. LOUVER
12. VENT STACKS
13. LINE OF FOUNDATION AND FOOTING
14. GRADE
15. LIGHTWELL BEYOND
16. METAL PANEL JOINT, TYP.
17. EXTERIOR ALUMINUM DOOR
18. CONCRETE STAIR, RAMP AND RAILING - SEE L-C301
19. CURTAINWALL CAP

Architect:
Potter Lawson

PLP Project No.
2009.18.00

Consultant:

State of Wisconsin
Department of Administration
Division of State Facilities

Agency Project:
UNIVERSITY OF WISCONSIN SYSTEM
UNIVERSITY OF WISCONSIN - MADISON

Project Title:
WISCONSIN ENERGY INSTITUTE

Project Location:
UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

Sheet Title:
BUILDING ELEVATIONS

Revisions:

No.	Date	Description

Graphic Scale: 0' 2' 4' 8' 12'

CGF Number: 09 A 2 B

Set Type: PR

Date Issued: 05/21/2010

Sheet Number: A205

3/21/2010 2:20:03 PM