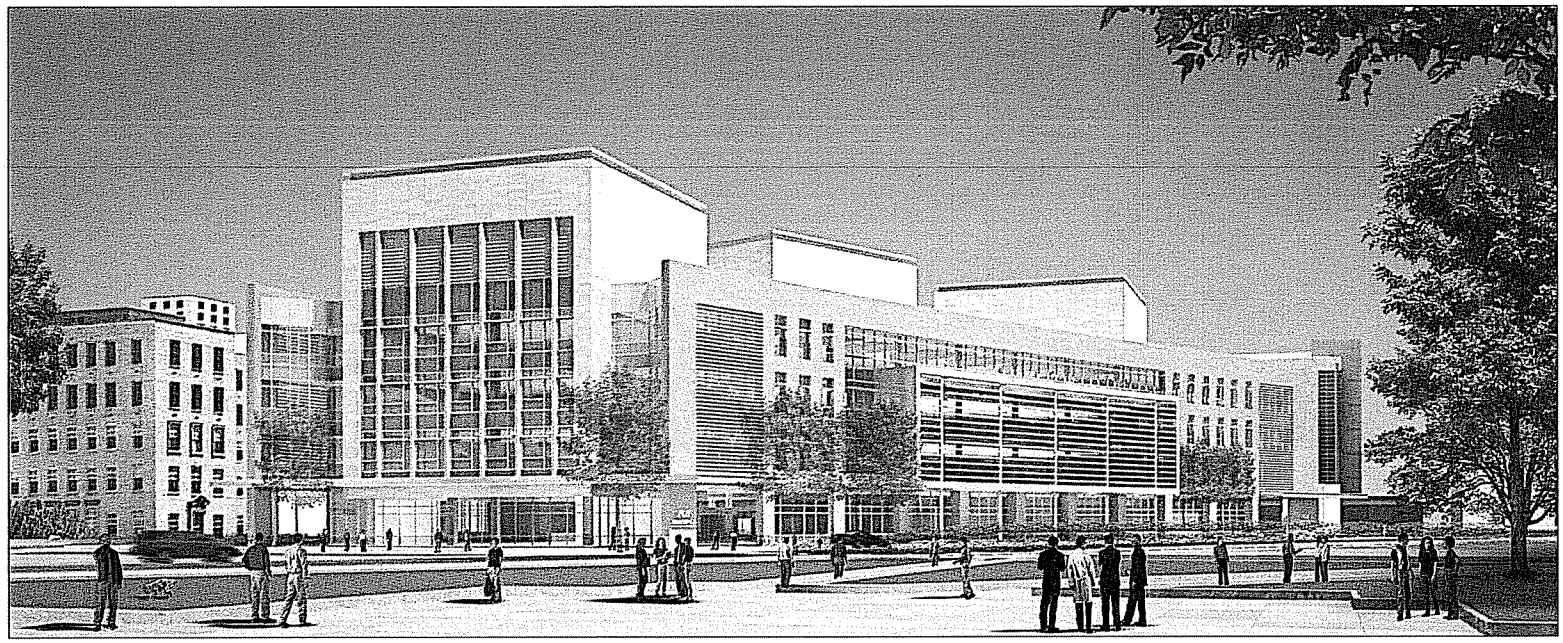
WISCONSIN INSTITUTE FOR DISCOVERY
THE MORGRIDGE INSTITUTE FOR RESEARCH

UNIVERSITY OF WISCONSIN MADISON, WISCONSIN

SIP SUBMISSION



PERSPECTIVE VIEW FROM SOUTHWEST

GENERAL DRAWINGS

G001 COVER SHEET

CIVIL DRAWINGS

C101 BOUNDARY AND TOPOGRAPHIC SURVEY – SHEET 1 OF 2
C102 BOUNDARY AND TOPOGRAPHIC SURVEY – SHEET 2 OF 2
C301 SITE DEMOLITION PLAN
C302 SITE PLAN
C303 GRADING DRAINAGE AND EROSION CONTROL PLAN
C304 NORTH RANDALL PLAN

FIRE DEPARTMENT ACCESS

FD100 FIRE DEPARTMENT ACCESS SITE PLAN

LANDSCAPE DRAWINGS

L101 MATERIALS PLAN
L201 PLANTING PLAN–OVERALL TREES
L202 PLANTING PLAN–ENLARGED UNDERSTORY PLAN
L203 PLANTING PLAN–ENLARGED UNDERSTORY PLAN
L204 PLANTING PLAN–ENLARGED UNDERSTORY PLAN
L205 PLANTING SCHEDULE
L301 SECTIONS
L302 SECTIONS
L401 SITE DETAILS
L501 PLANTING DETAILS

ARCHITECTURAL DRAWINGS

A100 LOWER LEVEL FLOOR PLAN
A101 GROUND FLOOR PLAN
A102 SECOND FLOOR PLAN
A103 THIRD FLOOR PLAN
A104 FOURTH FLOOR PLAN
A105 PENTHOUSE FLOOR PLAN
A106 ROOF PLAN
A301 NORTH & SOUTH ELEVATIONS
A302 EAST & WEST ELEVATIONS

ELECTRICAL DRAWINGS

ES100 SITE LIGHTING PLAN
ES101 SITE PHOTOMETRIC LIGHTING PLAN

SITE UTILIZATION DRAWINGS (DURING CONSTRUCTION)

SU101 SITE FENCE PLAN
SU102 FENCE DETAILS

DRAWING NUMBER

G001

SEAL

Key Plan

WISCONSIN INSTITUTE FOR DISCOVERY

Wisconsin Institute for Discovery
The Morgridge Institute for Research

Ballinger

UIHLEIN WILSON ARCHITECTS

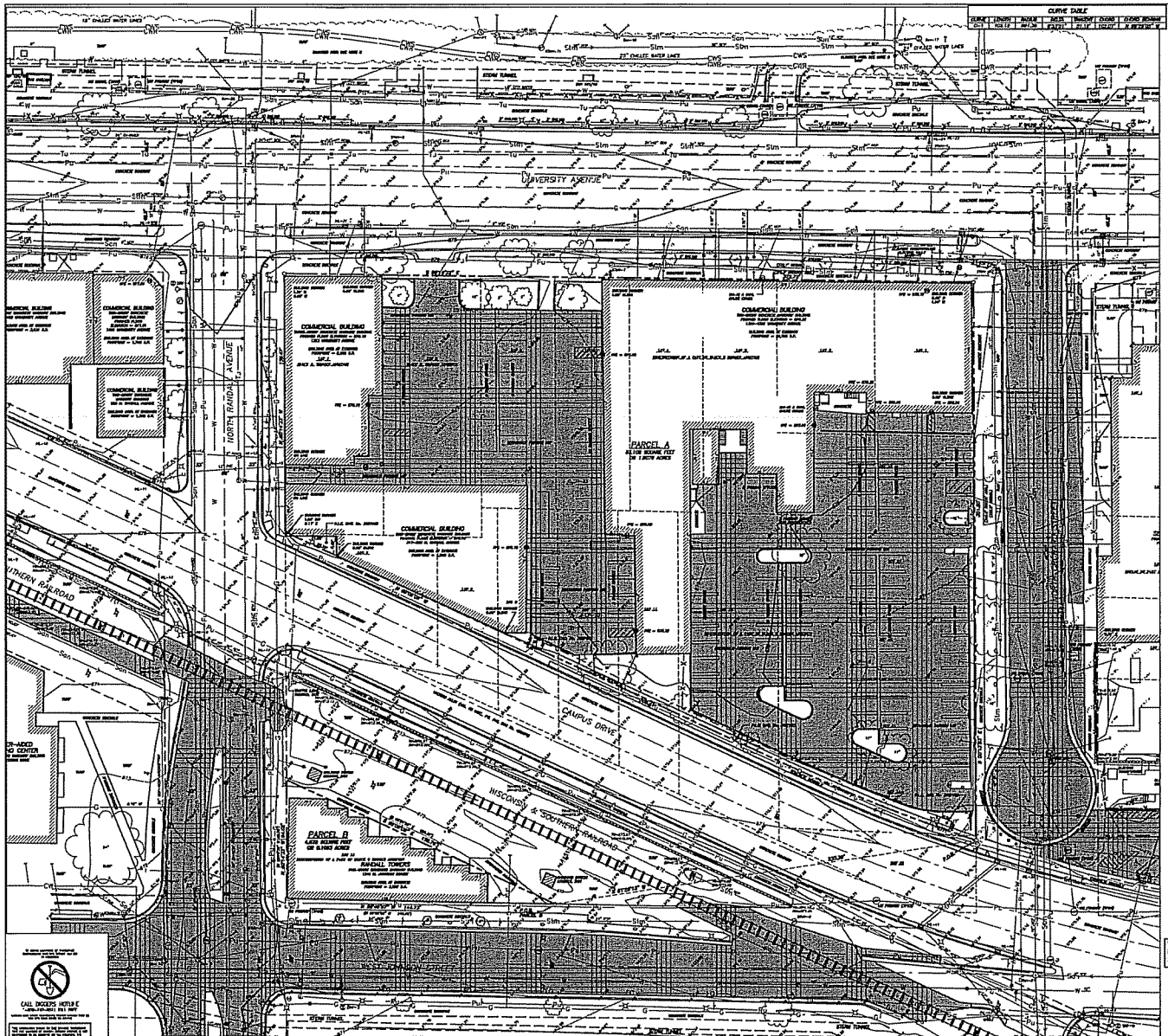
DRAWING ISSUE

DRAWN BY	DESIGNED BY
DL	GD
PROJECT	SCALE
05002.00	NTS

ARCHITECTURE

DRAWING TITLE

DRAWING LIST, SYMBOLS & ABBREVIATIONS



CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD	CHORD BEARING
C-1	10.0 FT	20.0 FT	28°37'00"	5.1 FT	10.0 FT	N 88°31'00" W

LEGEND

- SECTION CORNER
- PROPERTY CORNER FOUND, TYPE NOTED
- DRILL HOLE SET
- BENCHMARK
- FINISHED FLOOR ELEVATION
- SOIL BORING
- SIGN
- BOLLARD
- PARKING METER
- WATER GATE VALVE
- FIRE HYDRANT
- SANITARY SEWER MANHOLE
- STORM SEWER MANHOLE
- UNDERGROUND PRIMARY MANHOLE
- UNDERGROUND SECONDARY MANHOLE
- STORM SEWER INLET
- TELEPHONE MANHOLE
- ELECTRIC MANHOLE
- UTILITY MANHOLE
- LIGHT POLE
- UTILITY PEDESTALS
- SHRUB
- DECIDUOUS TREE
- CONIFEROUS TREE
- SPOT ELEVATION
- BUILDINGS
- PROPERTY LINE
- PLATTED LINE
- SECTION LINE
- CONCRETE/PAVEMENT EDGE
- WATER LINE
- SANITARY SEWER
- STORM SEWER
- UNDERGROUND ELECTRICAL POWER
- OVERHEAD ELECTRICAL POWER
- UNDERGROUND FIBER OPTIC
- UNDERGROUND TELEPHONE
- UNDERGROUND CABLE
- GAS MAIN
- FENCE
- CONCRETE CURB & GUTTER
- PAVEMENT EDGE
- RETAINING WALL
- 873 INDEX CONTOUR
- 872 INTERMEDIATE CONTOUR

NOTES

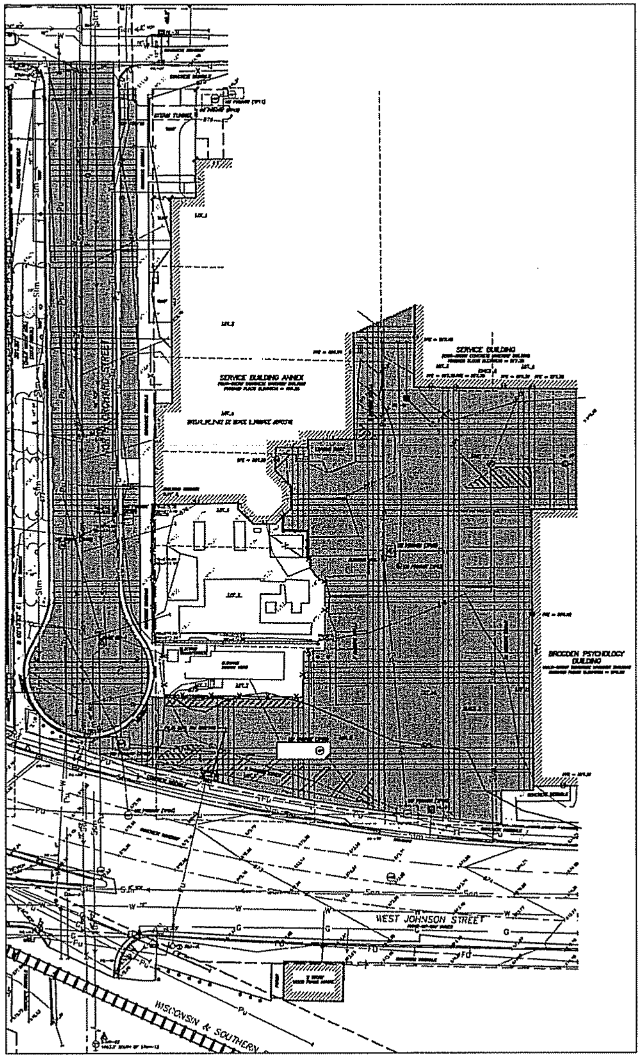
1. TOPOGRAPHIC AND UTILITY SURVEY PERFORMED BY JENKINS SURVEY AND DESIGN, INC. ON DECEMBER 19 THRU 23, 2006.
2. BEARINGS FOR THIS SURVEY AND MAP ARE BASED ON UNIVERSITY OF WISCONSIN HORIZONTAL DATUM. ELEVATIONS ARE BASED ON NAVD 88.
3. CONTOUR INTERVAL IS ONE FOOT.
4. SUBSURFACE UTILITIES AND FEATURES SHOWN ON THIS MAP HAVE BEEN APPROXIMATED BY LOCATING SURFACE FEATURES AND APPURTENANCES, EXISTING SERVICE RECORDS, FIELD MARKINGS (DIGGERS HOTLINE) AND BY REFERENCE TO UTILITY RECORDS AND MAPS.
5. BEFORE EXCAVATION, APPROPRIATE UTILITY COMPANIES SHOULD BE CONTACTED FOR EXACT LOCATION OF UNDERGROUND UTILITIES. CONTACT DIGGERS HOTLINE AT 1.800.242.8511.
6. THE ACCURACY OF THE BENCHMARKS SHOWN ON THIS MAP SHALL BE VERIFIED BEFORE BEING USED. CURRENT SURVEY AND DESIGN DATA MAY BE VERIFIED FOR ACCURACY OF THESE BENCHMARKS.
7. THESE PARCELS ARE SUBJECT TO ALL EASEMENTS AND AGREEMENTS, BOTH RECORDED AND UNRECORDED.
8. BURIED WATER LINES WITHIN THIS AREA, MORE NOT MARKED—LOCATION SHOWN IS FROM INFORMATION PROVIDED BY THE UW PHYSICAL PLANT.
9. SEE SHEET 2 OF 2 FOR UTILITY TABLES.

LEGAL DESCRIPTION

PARCEL A

LOTS 1 AND 2, BLOCK 6, BRIDGES' ADDITION TO MADISON AND LOTS 1 THRU 19, INCLUSIVE, OF A PART OF BLOCK 6 BRIDGES' ADDITION TO MADISON, MADISON, DANE COUNTY, WISCONSIN, THAT PORTION LYING FOR CAMPUS DRIVE, BEING A PART OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER (NE 1/4 OF NW 1/4) OF SECTION 23, T07N, R09E, CITY OF MADISON, DANE COUNTY, WISCONSIN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE EAST QUARTER CORNER OF SECTION 23, AFORESAID; THENCE NORTH 00°15'50" WEST, 1.00.00 FEET TO A POINT ON THE CURVED NORTHERLY RIGHT-OF-WAY LINE OF CAMPUS DRIVE, SAID POINT ALSO BEING THE POINT OF BEGINNING; THENCE NORTH 00°15'50" WEST, 1.00.00 FEET; THENCE A POINT BEYOND



CALL DIGGERS HOTLINE

SANITARY SEWER MANHOLES					
STRUCT. ID	RIM ELEVATION	INVERT	ELEV	PIPE SIZE	PIPE TYPE
SAN-1	876.41	NW	846.11	8"	VCP
		SE	[illegible]	8"	VCP
SAN-2	870.87	NW	[illegible]	8"	VCP
		N	846.27	8"	VCP
		E	[illegible]	8"	VCP
SAN-3	875.82	W	[illegible]	8"	VCP
		N	866.75	10"	VCP
		E	866.79	10"	VCP
SAN-4	875.48	NW	847.31	10"	VCP
		W	838.29	24"	CI
		S	847.04	24"	CI
SAN-5	875.35	N	847.77	24"	CI
		W	[illegible]	8"	VCP
		S	847.73	24"	CI
SAN-6	875.87	W	870.33	8"	VCP
		E	870.12	8"	VCP
SAN-7	873.72	N	847.41	24"	CI
		W	857.20	30"	VCP
		E	864.84	30"	VCP
		S	847.37	24"	CI
SAN-8	870.83	N	[illegible]	24"	CI
		E	838.42	12"	VCP
		SE	841.71	*	VCP
		NW	[illegible]	8"	VCP
		W	844.38	12"	VCP
		S	847.20	24"	CI
SAN-9	874.09	NE	808.11	30"	RCP
		S	808.11	30"	RCP
SAN-10	870.80	N	834.74	30"	RCP
		W	834.28	12"	VCP
		E	834.27	30"	RCP
SAN-11	873.88	NW	[illegible]	30"	CI
		S	[illegible]	30"	CI
SAN-12	874.47	N	868.63	15"	PVC
		E	871.83	8"	PVC
		S	868.57	8"	PVC
		W	868.63	12"	PVC
SAN-13	875.30	N	868.19	8"	VCP
		E	861.79	8"	VCP
		S	867.43	8"	VCP
		W	861.37	8"	VCP
SAN-14	873.78	W	867.19	8"	VCP
		NW	867.28	8"	VCP
		E	867.33	8"	VCP
SAN-15	874.34	W	865.79	8"	VCP
		N	846.01	8"	VCP
		E	865.79	8"	VCP
		S	846.81	12"	VCP
SAN-16	863.54	E	842.76	8"	VCP
		NW	842.54	12"	VCP
SAN-17	878.13	SE	840.90	12"	VCP
		W	840.30	12"	VCP
SAN-18	877.79	E	840.44	12"	VCP
		NE	843.07	12"	VCP
		W	840.43	12"	VCP
SAN-19	870.80	E	840.21	12"	VCP
		NE	**	*	VCP
		NW	845.76	8"	VCP
		W	840.21	12"	VCP
SAN-20	876.07	E	838.31	12"	VCP
		N	841.30	12"	VCP
		SW	838.31	12"	VCP
SAN-21	872.42	N	843.13	12"	VCP
		E	843.37	8"	VCP
		S	843.13	12"	VCP
SAN-22	873.84	E	811.28	12"	VCP
		NW	846.13	8"	PVC
		W	840.83	12"	VCP

** = DID NOT SEE PIPE AS MARKED ON THE GROUND

STORM SEWER MANHOLES					
STRUCT. ID	RIM ELEVATION	INVERT	ELEV	PIPE SIZE	PIPE TYPE
STMH-1	874.37	E	871.18	14"x23"	HERCP
		N	871.31	10"	RCP
		W	871.31	24"	RCP
STMH-2	873.18	E	871.18	24"x43"	RCP
		W	871.18	24"x43"	RCP
STMH-3	875.34	E	870.38	24"x43"	RCP
		W	870.80	24"x43"	RCP
STMH-4	873.88	N	867.07	24"x43"	RCP
		E	868.76	12"	RCP
		W	867.10	30"	RCP
		S	867.11	24"x43"	RCP
STMH-5	870.79	N	866.30	24"x43"	RCP
		E	866.36	24"	RCP
		SE	867.40	10"	PVC
		S	865.35	24"x43"	RCP
STMH-6	866.27	N	865.13	24"x43"	RCP
		E	866.36	12"	RCP
		S	865.13	24"x43"	RCP
STMH-7	873.06	S	873.80	8"	CI
		E	873.30	8"	PVC
STMH-8	874.34	W	871.37	8"	PVC
		NW	871.37	12"	RCP
		W	871.37	12"	RCP
		S	871.37	18"	STEEL
STMH-9	873.06	E	868.33	24"	RCP
		NW	868.33	12"	RCP
		W	868.33	30"	RCP
STMH-10	878.13	N	865.33	30"	RCP
		E	865.33	30"	RCP
STMH-11	875.74	W	861.22	30"	RCP
		N	868.90	30"	RCP
		NE	864.41	15"	RCP
		E	865.86	30"	RCP
STMH-12	874.85	W	865.00	30"	RCP
		E	865.18	24"	RCP
		S	864.73	48"	RCP
STMH-13	873.00	NE	867.13	24"	RCP
		W	865.13	24"	RCP
STMH-14	873.63	W	873.00	12"	RCP
		S	871.38	15"x23"	HERCP
STMH-15 COULD NOT OPEN	876.33	W			
		E			
STMH-16	878.22	W	875.80	18"	RCP
		E	873.19	18"x30"	HERCP
STMH-17	873.57	W	871.02	18"x30"	HERCP
		E	870.57	18"x30"	HERCP
STMH-18	871.46	NW	868.70	4"	PVC
		NE	867.24	12"	RCP
		S	868.80	12"	RCP
STMH-19	870.75	N	866.86	12"	RCP
		W	864.57	12"	PVC
		E	864.65	12"	RCP
STMH-20	870.90	W	863.13	12"	RCP
		E	864.61	12"	RCP
STMH-21	876.60	E	873.34	12"	RCP
		N	873.40	8"	CI
		S	872.36	12"	RCP
STMH-22	866.01	N	824.21	48"	RCP
		S	824.18	48"	RCP

STMH-22 IS 1063.3 FEET SOUTH OF STMH-12

STORM SEWER INLETS					
INLET ID	RIM ELEVATION	INVERT	ELEV	PIPE SIZE	PIPE TYPE
INL-1	876.15	E	873.75	12"	RCP
INL-2*	876.38	SW	874.21	12"	RCP
INL-3	876.33	NE	874.03	12"	RCP
		E	873.63	8"	PVC
		NW	873.88	12"	RCP
INL-4	876.15	NE	873.33	12"	RCP
		NW	873.48	12"	RCP
		SW	873.48	12"	RCP
INL-5	876.32	NE	871.12	12"	RCP
		SW	871.18	12"	RCP
INL-6	875.77	NE	870.80	12"	RCP
		NW	870.80	36"	RCP
		SE	870.80	36"	RCP
INL-7	875.31	N	872.88	12"	PVC
INL-8	873.84	S	873.84	12"	PVC
INL-9	873.03	NE	871.13	12"	RCP
INL-10	875.37	NW	873.37	8"	PVC
		NE	873.37	8"	PVC
		SE	871.83	12"	RCP
INL-11	874.89	NW	871.85	12"	RCP
		NE	871.35	12"	RCP
INL-12	873.89	SW	870.19	12"	RCP
		E	866.06	12"	RCP
INL-13	873.86	W	866.48	12"	RCP
		N	866.46	24"x43"	RCP
		S	866.46	24"x43"	RCP
INL-14	874.59	NW	868.33	30"	RCP
		NW	873.84	4"	PLASTIC
		SE	868.84	30"	RCP
INL-15	873.76	NW	868.36	30"	RCP
		E	867.86	30"	RCP
INL-16	874.11	W	866.86	12"	RCP
INL-17	871.03	SW	866.13	12"	PVC
INL-18	870.83	N	867.87	24"x43"	RCP
		S	867.81	24"x43"	RCP
INL-19	870.30	N	868.88	8"	PVC
		W	867.80	12"	RCP
INL-20	869.48	NW	868.78	12"	RCP
INL-21	868.81	W	863.87	12"	RCP
		N	863.87	24"x43"	RCP
		S	863.77	24"x43"	RCP
INL-22	874.89	E	872.74	14"x23"	HERCP
		W	872.81	14"x23"	HERCP
INL-23	874.03	W	871.73	12"	RCP
INL-24	874.03	E	871.38	12"	RCP
		W	871.38	12"	RCP
INL-25	874.09	E	871.31	18"	RCP
		W	871.31	18"	RCP
INL-26	874.80	S	871.80	12"	RCP
INL-27	875.52	S	872.42	12"	RCP
INL-28	875.35	S	873.83	12"	RCP
INL-29	875.49	S	873.33	12"	RCP
INL-30	873.42	W	FULL OF SAND	12"	RCP
INL-31	875.07	E	871.44	12"	RCP
		W	870.84	12"	RCP
INL-32	875.80	W	873.10	12"	RCP
INL-33	873.87	E	873.87	12"	RCP
INL-34	874.08	S	873.85	12"	RCP
INL-35	873.74	N	871.36	12"	RCP
		E	871.90	18"	RCP
INL-36	874.49	S	873.81	12"	RCP
INL-37	874.16	N	873.81	12"	RCP
		W	873.70	12"	RCP
INL-38	873.51	S	866.36	12"	RCP
INL-39	872.17	N	866.36	12"	RCP
		E	866.87	18"	RCP
		W	866.30	18"	RCP
INL-40	872.17	N	866.83	18"	STEEL
		E	864.30	18"	RCP
		SW	866.43	18"	RCP
		SW	866.48	18"	RCP
INL-41	871.89	N	866.40	18"	RCP
		N	866.10	12"	RCP
		NE	866.06	12"	RCP
		SW	866.36	21"	RCP
INL-42	871.88	NE	870.48	6"	HDPE
		SW	876.66	12"	RCP
INL-43	872.33	SE	868.86	12"	RCP
		NW	866.88	12"	RCP
INL-44	871.72	SW	866.87	12"	RCP
INL-45	872.44	SE	870.98	12"	RCP
		NE	866.80	12"	RCP
		NW	868.31	15"	RCP
INL-46	870.98	SE	867.35	12"	RCP
INL-47	874.31	NW	868.76	30"	RCP
		SW	***	12"	RCP
		SE	866.76	30"	RCP
INL-48	873.35	NE	870.30	12"	RCP
		W	870.84	12"	RCP
INL-49	876.88	N	873.88	8"	PVC
		SE	873.21	8"	PVC
INL-50	876.17	E	873.37	12"	RCP
		W	873.33	12"	RCP
INL-51	874.14	S	871.80	8"	RCP
INL-52	873.18	E	866.18	12"	RCP
		W	846.18	12"	RCP

& = INLET HAS DEBRIS IN IT.
*** = PIPE TO FAR FROM INLET TO GET AN INVERT.

UW — PRIMARY STRUCTURES			
VAULT ID	ELEVATION RIM	VAULT CEILING	VAULT FLOOR
7P02	871.88	866.85	863.82
7P03	872.33	DID NOT OPEN	
7P04	873.82	DID NOT OPEN	
7P05	874.57	871.89	867.09
7P06	874.09	872.15	865.36
7P07	876.14	874.03	867.70
7P08	876.85	873.89	866.45
7P11	876.46	874.13	867.09
7P12	875.36	874.33	866.83
7P26	874.39	873.84	867.41
7P30	873.83	870.83	864.86
7P64	873.81	873.88	861.81
7P65	873.13	872.43	866.13
7P66	876.31	873.86	863.07
MDAE-1X	874.82	871.43	861.36
MDAE SPH-1	872.56	871.34	864.77

UW — SIGNAL STRUCTURES			
VAULT ID	ELEVATION RIM	VAULT CEILING	VAULT FLOOR
7S46	872.37	DID NOT OPEN	
7S64	876.82	873.94	867.26
7S65	873.18	873.53	866.00
7S66	876.21	873.87	863.36

UW — STEAM VAULTS			
VAULT ID	ELEVATION RIM	VAULT CEILING	VAULT FLOOR
154/10	877.25		
180/10	877.19	873.58	867.08
181/10	876.17	872.17	866.87
184/10	874.84	871.06	863.84

BENCHMARKS		
BENCH MARK	ELEVATION	DESCRIPTION
BM-1	876.31	TOP NUT ON HYDRANT NE CORNER OF N. RANDALL ST. AND UNIVERSITY AVE.
BM-2	877.81	TOP NUT ON HYDRANT NE CORNER OF N. ORCHARD ST. AND UNIVERSITY AVE.
BM-3	877.41	TOP NUT ON HYDRANT SW CORNER OF N. ORCHARD ST. AND UNIVERSITY AVE.
BM-4	878.19	TOP NUT ON HYDRANT SW CORNER OF N. RANDALL ST. AND UNIVERSITY AVE.
BM-5	873.93	TOP NUT ON HYDRANT SE CORNER OF N. RANDALL ST. AND W. JOHNSON ST.
BM-6	875.47	TOP NUT ON HYDRANT SE CORNER OF N. ORCHARD ST. AND W. JOHNSON ST.

LEGEND

- SECTION CORNER
- PROPERTY CORNER FOUND, TYPE NOTED
- DRILL HOLE SET
- BENCHMARK (BM-1)
- FINISHED FLOOR ELEVATION
- SOIL BORING
- SIGN
- BOLLARD
- PARKING METER
- WATER OR GAS VALVE
- FIRE HYDRANT
- SANITARY SEWER MANHOLE
- STORM SEWER MANHOLE
- UW PRIMARY MANHOLE
- UW SIGNAL MANHOLE
- STORM SEWER INLET
- TELEPHONE MANHOLE
- ELECTRIC MANHOLE
- UTILITY MANHOLE
- LIGHT POLE
- UTILITY PEDESTALS
- SHRUB
- DECIDUOUS TREE
- CONIFEROUS TREE
- SPOT ELEVATION
- BUILDINGS
- PROPERTY LINE
- PLATTED LINE
- SETBACK LINE
- CENTERLINE/PAVEMENT JOINT
- WATER LINE
- SANITARY SEWER
- STORM SEWER
- UNDERGROUND ELECTRICAL POWER
- OVERHEAD ELECTRICAL POWER
- UNDERGROUND FIBER OPTIC
- UNDERGROUND TELEPHONE
- UNDERGROUND CABLE
- GAS MAIN
- FENCE
- CONCRETE CURB & GUTTER
- PAVEMENT EDGE
- RETAINING WALL
- INDEX CONTOUR (875)
- INTERMEDIATE CONTOUR (874)

NOTES

1. TOPOGRAPHIC AND UTILITY SURVEY PERFORMED BY JENKINS SURVEY AND DESIGN, INC. ON DECEMBER 18 THRU 22, 2008.
2. BEARINGS FOR THIS SURVEY AND MAP ARE BASED ON UNIVERSITY OF WISCONSIN HORIZONTAL DATUM. ELEVATIONS ARE BASED ON NAVD 88.
3. CONTOUR INTERVAL IS ONE FOOT.
4. SUBSURFACE UTILITIES AND FEATURES SHOWN ON THIS MAP HAVE BEEN APPROXIMATED BY LOCATING SURFICIAL FEATURES AND APPURTENANCES, LOCATING DIGGERS HOTLINE FIELD MARKINGS (TICKET No. [illegible]) AND BY REFERENCE TO UTILITY RECORDS AND MAPS.
5. BEFORE EXCAVATION, APPROPRIATE UTILITY COMPANIES SHOULD BE CONTACTED FOR EXACT LOCATION OF UNDERGROUND UTILITIES. CONTACT DIGGERS HOTLINE, AT 1.800.242.8511.
6. THE ACCURACY OF THE BENCHMARKS SHOWN ON THIS MAP SHALL BE VERIFIED BEFORE BEING UTILIZED. JENKINS SURVEY AND DESIGN DOES NOT WARRANT THE ACCURACY OF THESE BENCHMARKS.
7. THESE PARCELS ARE SUBJECT TO ALL EASEMENTS AND AGREEMENTS, BOTH RECORDED AND UNRECORDED.
8. CHILLED WATER LINES WITHIN THIS AREA WERE NOT MARKED—LOCATION SHOWN IS FROM INFORMATION PROVIDED BY THE UW PHYSICAL PLANT.

LEGAL DESCRIPTION

PARCEL A

LOTS 1 AND 2, BLOCK 8, BROOKS' ADDITION TO MADISON AND LOTS 1 THRU 18, RESUBDIVISION OF A PART OF BLOCK 8 BROOKS' ADDITION TO MADISON, EXCEPTING THEREFROM THAT PORTION USED FOR CAMPUS DRIVE, BEING A PART OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER (NE 1/4 OF THE NE 1/4) OF SECTION 22, TOWN 7 NORTH, RANGE 9 EAST, CITY OF MADISON, DANE COUNTY, WISCONSIN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE EAST QUARTER CORNER OF SECTION 22, AFORESAID; THENCE NORTH [illegible] WEST, [illegible] FEET TO A POINT ON THE CURVING NORTHEASTERLY RIGHT-OF-WAY LINE OF CAMPUS DRIVE, SAID POINT ALSO BEING ON THE WEST RIGHT-OF-WAY LINE OF NORTH ORCHARD STREET, ALSO BEING A POINT REFERRED TO AS POINT A AND THE POINT OF BEGINNING; THENCE NORTHWESTERLY 156.13 FEET ALONG A CURVE TO THE RIGHT, HAVING A RADIUS OF 881.39 FEET, THE CHORD WHICH BEARS NORTH [illegible] WEST, 156.07 FEET TO A POINT OF TANGENCY; THENCE NORTH [illegible] WEST, 308.81 FEET TO THE WEST LINE OF SAID BLOCK 8, ALSO BEING THE EAST RIGHT-OF-WAY LINE OF NORTH RANDALL STREET; THENCE NORTH [illegible] WEST, ALONG SAID LINE 136.47 FEET TO THE NORTHWEST CORNER OF SAID BLOCK 8, ALSO BEING THE SOUTH RIGHT-OF-WAY LINE OF UNIVERSITY AVENUE; THENCE SOUTH [illegible] EAST, ALONG SAID LINE 373.73 FEET TO THE NORTHEAST CORNER OF SAID BLOCK 8; THENCE SOUTH [illegible] EAST, ALONG THE EAST LINE OF SAID BLOCK 8, A DISTANCE OF 301.30 FEET TO THE POINT OF BEGINNING.

PARCEL CONTAINS 83,106 SQUARE FEET OR 1.9078 ACRES.

PARCEL B

TOGETHER WITH LOT 18, OF A RESUBDIVISION OF A PART OF BLOCK 8 BROOKS' ADDITION, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT POINT A, AFORESAID; THENCE SOUTH [illegible] WEST, 330.38 FEET TO THE SOUTHEAST CORNER OF LOT 18, AFORESAID, AND THE POINT OF BEGINNING; THENCE NORTH [illegible] WEST, ALONG THE NORTH RIGHT-OF-WAY LINE OF WEST JOHNSON STREET 144.73 FEET TO THE WEST LINE OF SAID BLOCK 8, ALSO BEING THE EAST RIGHT-OF-WAY LINE OF NORTH RANDALL STREET; THENCE NORTH [illegible] WEST, ALONG SAID LINE 84.03 FEET TO THE SOUTHWESTERLY RIGHT-OF-WAY LINE OF THE WISCONSIN AND SOUTHERN RAILROAD; THENCE SOUTH [illegible] EAST, ALONG SAID LINE 158.76 FEET TO THE POINT OF BEGINNING.

SAID PARCEL CONTAINS 4,832 SQUARE FEET OR 0.1063 ACRES.

SURVEYOR'S CERTIFICATE

I, JOHN KREBS, REGISTERED LAND SURVEYOR, HEREBY CERTIFY THAT THIS EXISTING CONDITIONS SURVEY AND MAP IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF WITH THE INFORMATION PROVIDED.

JOHN KREBS, S-1638
REGISTERED LAND SURVEYOR

DATE

north

0 15' 30' 60'

SCALE: 1" = 30'

"ALL WORK PROPOSED IN THE RIGHT-OF-WAY IS NOT BEING APPROVED AS PART OF THE PUD (GDP/SIP). ALL WORK IN THE RIGHT OF WAY IS APPROVED SEPARATELY BY THE BOARD OF PUBLIC WORKS, CITY OF MADISON)

PREPARED FOR:
UIHLEIN-WILSON ARCHITECTS
322 EAST MICHIGAN STREET

DRAWING NUMBER
C102

SEAL

Key Plan

WISCONSIN INSTITUTES FOR DISCOVERY
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GRAEF ANHALT SCHLOEMER and Associates, Inc.

NO.	DESCRIPTION	DATE

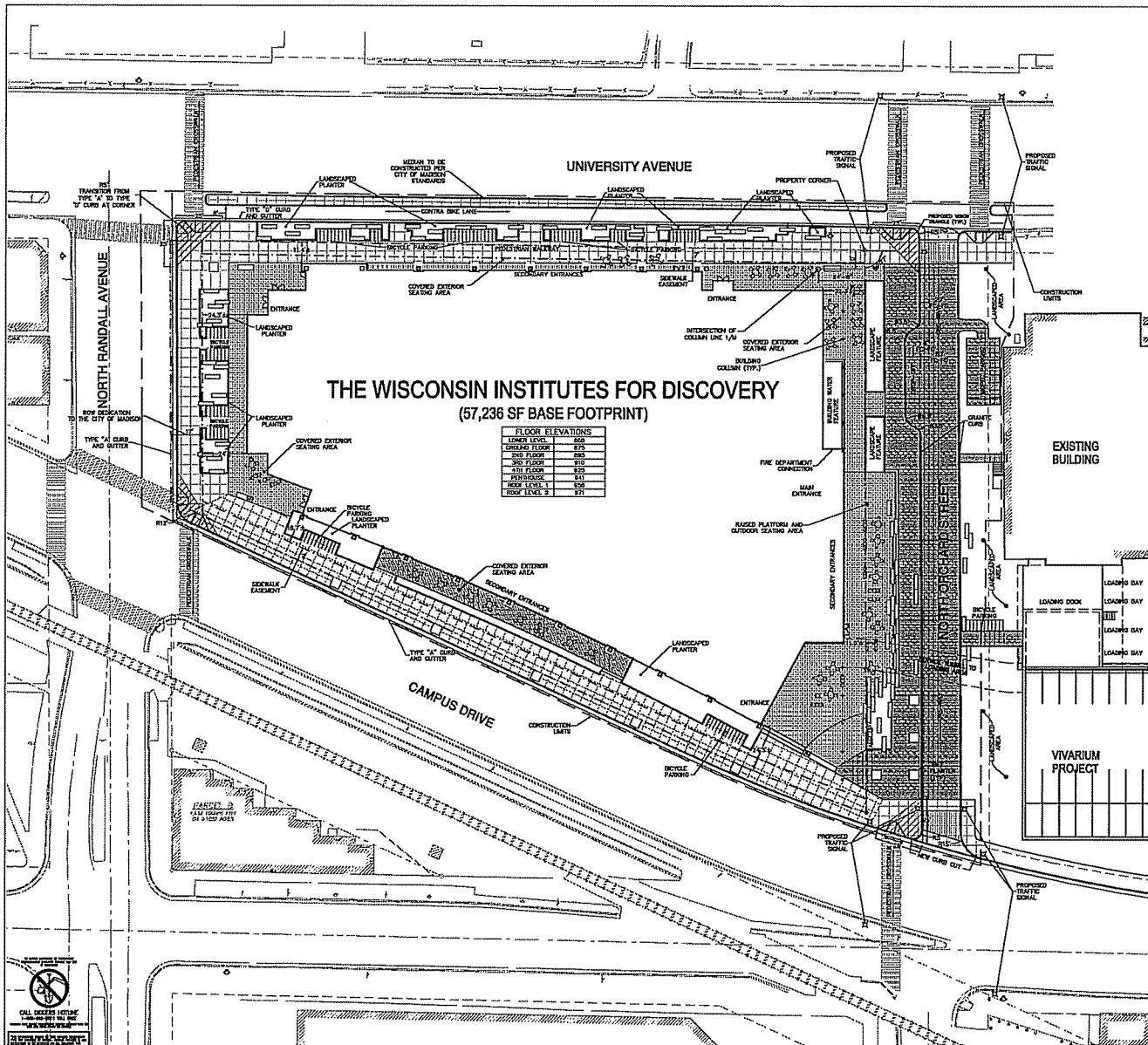
DRAWING ISSUE

DRAWN BY	CHECKED BY
FGM,JI	JL
PROJECT	SCALE
D8002.00	1:20_XREF

CIVIL SITE

DRAWING TITLE
BOUNDARY AND TOPOGRAPHIC SURVEY
SHEET 2 OF 2

DRAWING NUMBER



DRAWING NUMBER
C301

SEAL

Key Plan

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GRAEF ANHALT SCHLOEMER
Graef-Anhalt-Schloemer, Inc.
Milwaukee, Wisconsin · Madison, Wisconsin · Janesville, Wisconsin · Waukesha, Wisconsin · Fort Atkinson, Wisconsin · Dubuque, Iowa · Dubuque, Iowa · Rockford, Illinois

NO.	DESCRIPTION	DATE

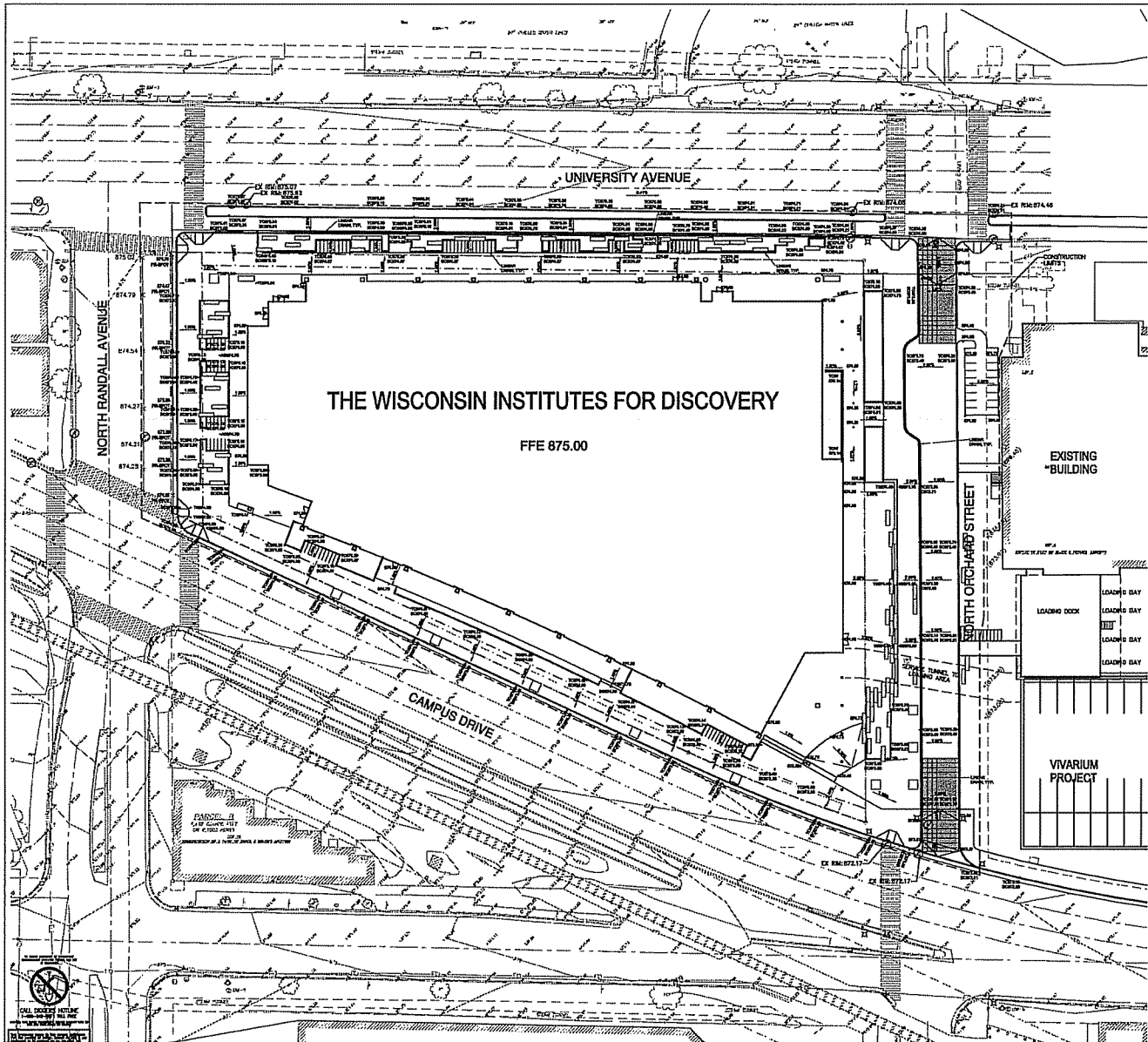
DRAWING ISSUE

DRAWN BY	CHECKED BY
FBM/JB	JK
PROJECT 060002.00	SCALE 1" = 20' 22_XREF_XREF

CIVIL SITE

DRAWING TITLE
SITE PLAN

DRAWING NUMBER



EROSION CONTROL NOTES:

1. CONSTRUCTION SITE EROSION CONTROL AND SEDIMENTATION CONTROL SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF MADISON AND SHALL FOLLOW THE DESIGN PRINCIPLES OUTLINED IN CURRENT DNR STANDARDS FOR THE CONTROL OF NATURAL SEDIMENTS (IF WISCONSIN BEST MANAGEMENT PRACTICE HANDBOOK (BMP HANDBOOK).
2. ALL EROSION CONTROL MEASURES SHALL BE ADAPTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND SHALL BE INSTALLED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON THE SITE.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED FOR STABILITY AND OPERATION AFTER A RAIN FALL OF 0.5 INCHES OR MORE, BUT NO LESS THAN ONCE EVERY WEEK. MAINTENANCE OF ALL EROSION CONTROL STRUCTURES SHALL BE PERFORMED TO ENSURE FUNCTIONING AS DESIGNED. ALL SEDIMENT REMOVED SHALL BE DISPOSED OF IN A MANNER NOT ADVERSELY AFFECTING ADJACENT PROPERTIES. EROSION CONTROL MEASURES MUST BE IN WORKING CONDITION AT END OF EACH WORK DAY.
4. FILTER FABRIC SHALL BE INSTALLED BENEATH INLET COVERS TO TRAP SEDIMENT AS PER INLET PROTECTION DETAIL IN THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS.
5. EROSION CONTROL MEASURES SHALL BE MAINTAINED ON A CONTINUING BASIS UNTIL SITE IS FULLY STABILIZED.
6. PERIODIC STREET SWEEPING SHALL BE COMPLETED TO MAINTAIN THE PUBLIC STREET FACE OF CURB AND GUTTER.
7. CONSTRUCTION SEQUENCE FOR EROSION CONTROL INCLUDES:
   1. INSTALL STABILIZED CONSTRUCTION ENTRANCES
   2. INSTALL SILT FENCE
   3. PERFORM MASS EXCAVATION.
   4. INSTALL UTILITIES.
   5. CONSTRUCT BUILDING
   6. INSTALL PAVEMENTS.
   7. PERFORM FINAL GRADING ON COMPLETED SITE WITHIN 7 DAYS OF COMPLETING CONSTRUCTION.
   8. REMOVE EROSION CONTROL MEASURES ONLY WHEN SITE IS FULLY STABILIZED.
8. SITE DEWATERING. WATER PUMPED FROM THE SITE SHALL BE TREATED BY SEDIMENT BASINS OR OTHER APPROPRIATE BEST MANAGEMENT PRACTICES SPECIFIED IN THE BMP HANDBOOK. WATER PUMPED FROM THE SITE SHALL BE DISCHARGED IN A MANNER THAT WILL NOT BE OBJECTIONABLE IN A MARKED DEGREE, BUT CAUSES EROSION OF THE SITE, ADJACENT SITES, OR ADJACENT CHANNELS.
9. WASTE AND MATERIAL DISPOSAL. ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, WASHWATER, TOXIC MATERIALS, PETROLEUM PRODUCTS, ASPHALT, CRUSHED CONCRETE, ETC.) SHALL BE PROPERLY DISPOSED AND NOT ALLOWED TO BE CARRIED OFF-SITE BY RUNOFF OR WIND.
10. TRACKING. EACH SITE SHALL HAVE GRAVELED ROADS, ACCESS DRIVES AND PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH TO PREVENT SEDIMENT FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SEDIMENT REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BY STREET CLEANING (NOT FLUSHING) TO THE SATISFACTION OF THE CITY, BEFORE THE END OF EACH WORKDAY. FLUSHING MAY ONLY BE USED UNDER SEDIMENT WILL BE CONTROLLED BY A SEDIMENT BASIN OR OTHER APPROPRIATE BEST MANAGEMENT PRACTICE SPECIFIED IN THE BMP HANDBOOK, WITH CITY OF MADISON FOR CHANGE. IN STABILIZED CONSTRUCTION ENTRANCE LOCATION.
11. SEDIMENT CLEANUP. ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF A STORM EVENT SHALL BE CLEANED UP BY THE END OF THE NEXT WORK DAY. ALL OTHER OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE CLEANED UP BY THE END OF THE NEXT WORK DAY.
12. ALL DISTURBED GROUND LEFT IDLE FOR SEVEN OR MORE DAYS SHALL BE STABILIZED BY TEMPORARY OR PERMANENT SEEDING, TEMPORARY OR PERMANENT SEEDING AND MULCHING, SODDING, DENSEMAT WITH TARPS OR TURNAFF BEST MANAGEMENT PRACTICES SPECIFIED IN THE BMP HANDBOOK. TEMPORARY SEEDING SHALL ALSO BE REQUIRED AS PART OF THE FINAL SITE STABILIZATION. SEEDING OR SODDING SHALL BE REQUIRED AS PART OF THE FINAL SITE STABILIZATION.
13. SOIL OR DIRT STORAGE PILES SHALL BE LOCATED A MINIMUM OF TWENTY-FIVE FEET FROM ROADWAYS, DRAINAGE FLOWS OR WATER BODIES. STABILIZATION OF THE PILES SHALL BE COMPLETED WITHIN TWO WEEKS. SILT FENCE SHALL BE PLACED ON THE DOWN HILL SIDE OF THE PILES. IF REMAINING FOR MORE THAN THIRTY DAYS, PILES SHALL BE STABILIZED BY MULCHING, VEGETATIVE COVER, TARPS OR OTHER MEANS.
14. WHEN THE DISTURBED AREA HAS BEEN STABILIZED BY PERMANENT VEGETATION OR OTHER MEANS, TEMPORARY BEST MANAGEMENT PRACTICES SUCH AS FILTER FABRIC FENCES, STRAW BALES, SEDIMENT AND SEDIMENT TRAPS SHALL BE REMOVED.
15. NOTIFY THE CITY WITHIN TWO WORKING DAYS OF COMMENCING ANY LAND DEVELOPMENT OR LAND DISTURBING ACTIVITY.
16. NOTIFY THE CITY OF COMPLETION OF ANY BEST MANAGEMENT PRACTICES WITHIN THE NEXT WORKING DAY AFTER THEIR INSTALLATION.
17. OBTAIN PERMISSION IN WRITING FROM THE CITY OF MADISON ENGINEERING DEPARTMENT PRIOR TO MODIFYING THE EROSION CONTROL PLAN.
18. REPAIR ANY BREAKS OR EROSION DAMAGE TO ADJOINING SURFACES AND DRAINAGEWAYS RESULTING FROM LAND DEVELOPMENT OR LAND DISTURBING ACTIVITIES.
19. KEEP A COPY OF THE EROSION CONTROL PLAN ON SITE.

GENERAL NOTES:

1. REFER TO DRAWINGS C101 THROUGH C102 FOR TOPOGRAPHIC SURVEY OF PROJECT SITE. SEE DRAWING C102 FOR BENCHMARK DATA.
2. EXISTING EDGE OF PAVEMENT GRADES ALONG UNIVERSITY AVENUE AND CAMPUS DRIVE SHALL BE MAINTAINED
3. REFER TO LANDSCAPE DRAWINGS FOR LINEAR DRAIN DESIGN.

LEGEND

+ (800.00)	EXIST. SPOT ELEV.
800	EXIST. CONTOUR
	PROP. INLET GRATE SCREEN
+ 800.00 PROPOSED	PROPOSED SPOT ELEVATION
	STABILIZED CONSTRUCTION ENTRANCE
	CONSTRUCTION LIMITS

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DRAWING NUMBER
C302

SEAL

Key Plan

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GRAEF ANHALT SCHLOEMER and Associates, Inc.
Civil · Structural · Mechanical · Electrical · Plumbing
Environmental
Milwaukee, Wisconsin · Madison, Wisconsin · Kenosha, Wisconsin · Naples, Florida · Sarasota, Florida

NO.	DESCRIPTION	DATE

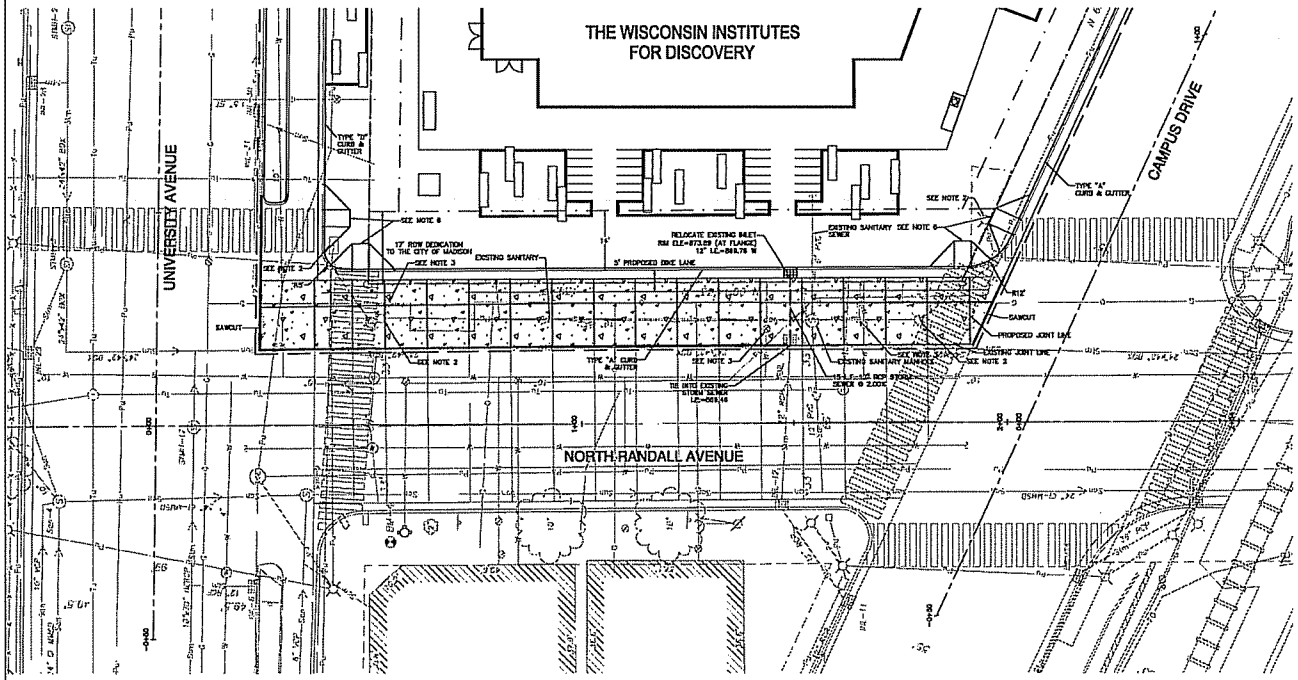
DRAWING ISSUE

DRAWN BY	CHECKED BY
RMJB	JL
PROJECT 0800200	SCALE 1"=20' XREF_XREF

CIVIL SITE

DRAWING TITLE
GRADING DRAINAGE AND EROSION CONTROL PLAN

DRAWING NUMBER



SCALE: 1" = 10'

GENERAL NOTES:

1. REFER TO DRAWINGS C101 THROUGH C102 FOR TOPOGRAPHIC SURVEY OF PROJECT SITE
2. EXISTING TRAFFIC SIGNALS AND TRAFFIC CONTROL BOX TO BE MOVED BY CONTRACTOR PER CITY OF MADISON STANDARDS
3. CONTRACTOR TO ADJUST VALVE TO MEET PROPOSED GRADES OF RANDALL AVENUE EXPANSION
4. CONTRACTOR SHALL REFERENCE DETAILS CONTAINED WITHIN THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 2007 EDITION, FOR ANY WORK PERFORMED WITHIN THE ROW
5. ALL UNDERGROUND UTILITIES HAVE BEEN SHOWN TO A REASONABLE DEGREE OF ACCURACY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY THEIR EXACT LOCATION AND DEPTH
6. CONTRACTOR SHALL BUILD CURB RAMPS PER CITY OF MADISON SPECIFICATIONS AND DETAILS.
7. CONTRACTOR SHALL PROTECT JOINT REINFORCEMENT AT EXISTING JOINT LINE.
8. CONTRACTOR SHALL PLACE TIE BARS AND DOWELS AT PROPOSED JOINTS.

LEGEND

- SECTION CORNER
- PROPERTY CORNER FOUND, TYPE NOTED
- DRILL HOLE SET
- BENCHMARK
- FINISHED FLOOR ELEVATION
- SOIL BORING
- SIGN
- BOLLARD
- PARKING METER
- BACK OF CURB VALVE
- FIRE HYDRANT
- SANITARY SEWER MANHOLE
- STORM SEWER MANHOLE
- GAS PRIMARY MANHOLE
- GAS SIGNAL MANHOLE
- STORM SEWER INLET
- TELEPHONE MANHOLE
- ELECTRIC MANHOLE
- UTILITY MANHOLE
- LIGHT POLE
- UTILITY POSSIBLE
- SHRUB
- DECIDUOUS TREE
- CONIFEROUS TREE
- SPOT ELEVATION
- BUILDINGS
- PROPERTY LINE
- PLATTED LINE
- RIGHTS LINE
- CONTROL/PROJECT JOINT
- WATER LINE
- SANITARY SEWER
- STORM SEWER
- UNDERGROUND ELECTRICAL POWER
- OVERHEAD ELECTRICAL POWER
- UNDERGROUND FIBER OPTIC
- UNDERGROUND TELEPHONE
- UNDERGROUND CABLE
- GAS MAIN
- FENCE
- CONCRETE CURB & GUTTER
- PAVEMENT EDGE
- RETAINING WALL
- ROCK BOWLDER
- INTERMEDIATE CONTOUR

LEGEND

- PROPOSED JOINT LINE
- PROPOSED STORM SEWER
- PROPOSED CONCRETE
- CONSTRUCTION LIMITS
- SAWCUT

CALL DIGGERS HOTLINE

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DRAWING NUMBER
C303

SEAL

Key Plan

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Wisconsin Institute for Discovery
The Morgridge Institute for Research

Ballinger

UIHLEIN WILSON ARCHITECTS

GRAEF ANHALT SCHLOEMER

NO.	DESCRIPTION	DATE

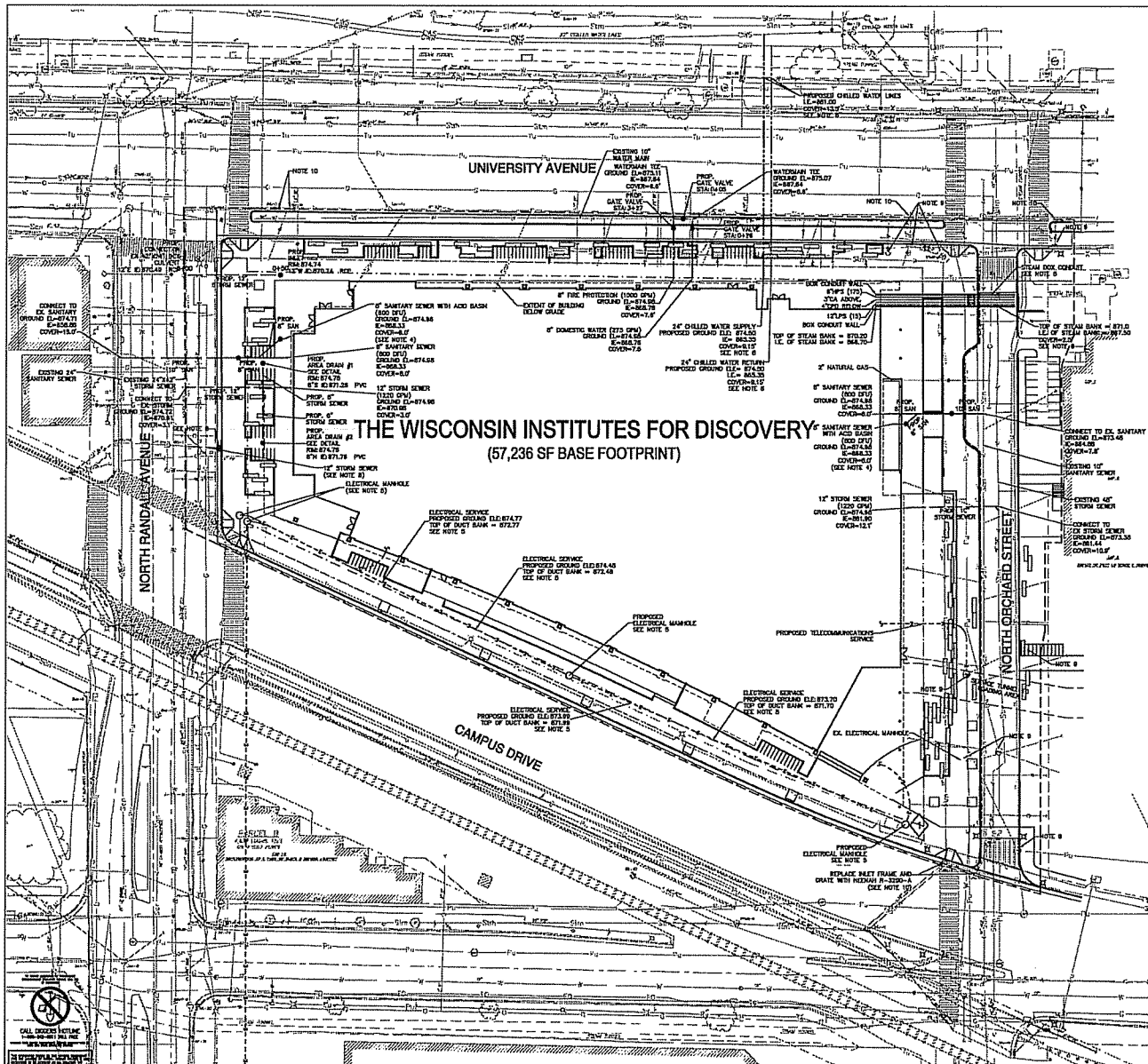
DRAWING ISSUE

DRAWN BY	DESIGNED BY
RSALB	JL
PROJECT	SCALE
080002.00	1:10_XREF

CIVIL SITE

DRAWING TITLE
NORTH RANDALL AVENUE

DRAWING NUMBER
C303



GENERAL NOTES:

1. REFER TO DRAWINGS C101 THROUGH C102 FOR TOPOGRAPHIC SURVEY OF PROJECT SITE.
2. UNDERGROUND UTILITIES AND STRUCTURES HAVE BEEN SHOWN TO A REASONABLE DEGREE OF ACCURACY BASED ON FIELD SURVEY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO CONTACT THE LOCAL "ONE CALL SYSTEM" AND UTILITY COMPANIES, AND TO VERIFY THEIR EXACT LOCATION AND DEPTH PRIOR TO START OF WORK.
3. PROPOSED UTILITIES SHALL BE INSTALLED TO WITHIN 5 FEET OF BUILDING EXTERIOR FOUNDATION
4. REFER TO PLUMBING DRAWINGS FOR LOCATION OF WATER METERS AND BACKFLOW PREVENTION DEVICES, AND ACID BASIN DETAIL.
5. REFER TO ELECTRICAL DRAWINGS FOR ELECTRIC DUCTBANK AND ELECTRICAL SERVICE DESIGN ON SITE. ALL DUCT BANKS SHALL BE A MINIMUM OF 24" BELOW FINISH GRADE TO TOP OF BANK. (DESIGNED BY AD)
6. REFER TO MECHANICAL DRAWINGS FOR CHILLED WATER AND STEAM SYSTEM DESIGN. (DESIGNED BY AD)
7. CONTRACTOR SHALL REFERENCE DETAILS CONTAINED WITHIN THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 2007 EDITION FOR ANY WORK PERFORMED WITHIN THE RIGHT-OF-WAY AND SHALL BE PERFORMED BY A CITY LICENSED CONTRACTOR.
8. REFERENCE DRAWING C303 FOR DESIGN OF STORM INLET WITH RANDALL STREET PAVEMENT IMPROVEMENTS.
9. ADJUST STRUCTURE TO MEET PROPOSED GRADE
10. MAINTAIN EXISTING RIM GRADE

LEGEND

●	PROP. SANITARY SEWER MANHOLE
	PROP. WATERMAIN
	PROP. STORM SEWER
	PROP. SANITARY SEWER
	PROP. CHILLED WATER SUPPLY
	PROP. CHILLED WATER RETURN
—E—	PROP. ELECTRICAL SERVICE
	PROP. PRESSURE STEAM
	PROP. DOMSATE PUMP DISCHARGE
⊗	PROP. GATE VALVE

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DRAWING NUMBER
C304

SEAL

Key Plan

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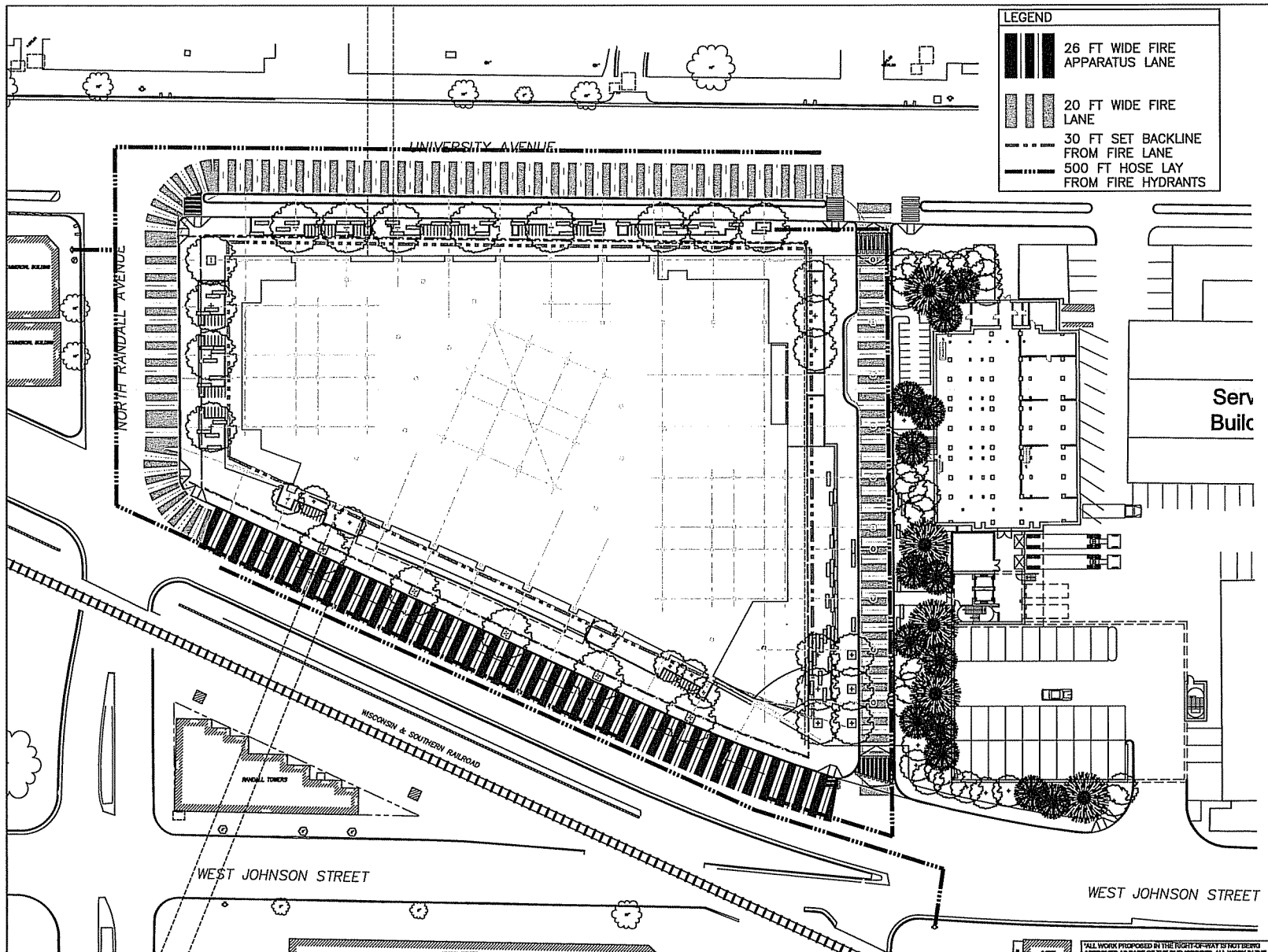
NO.	DESCRIPTION	DATE



DRAWING NUMBER
FD100

SEAL

Key Plan

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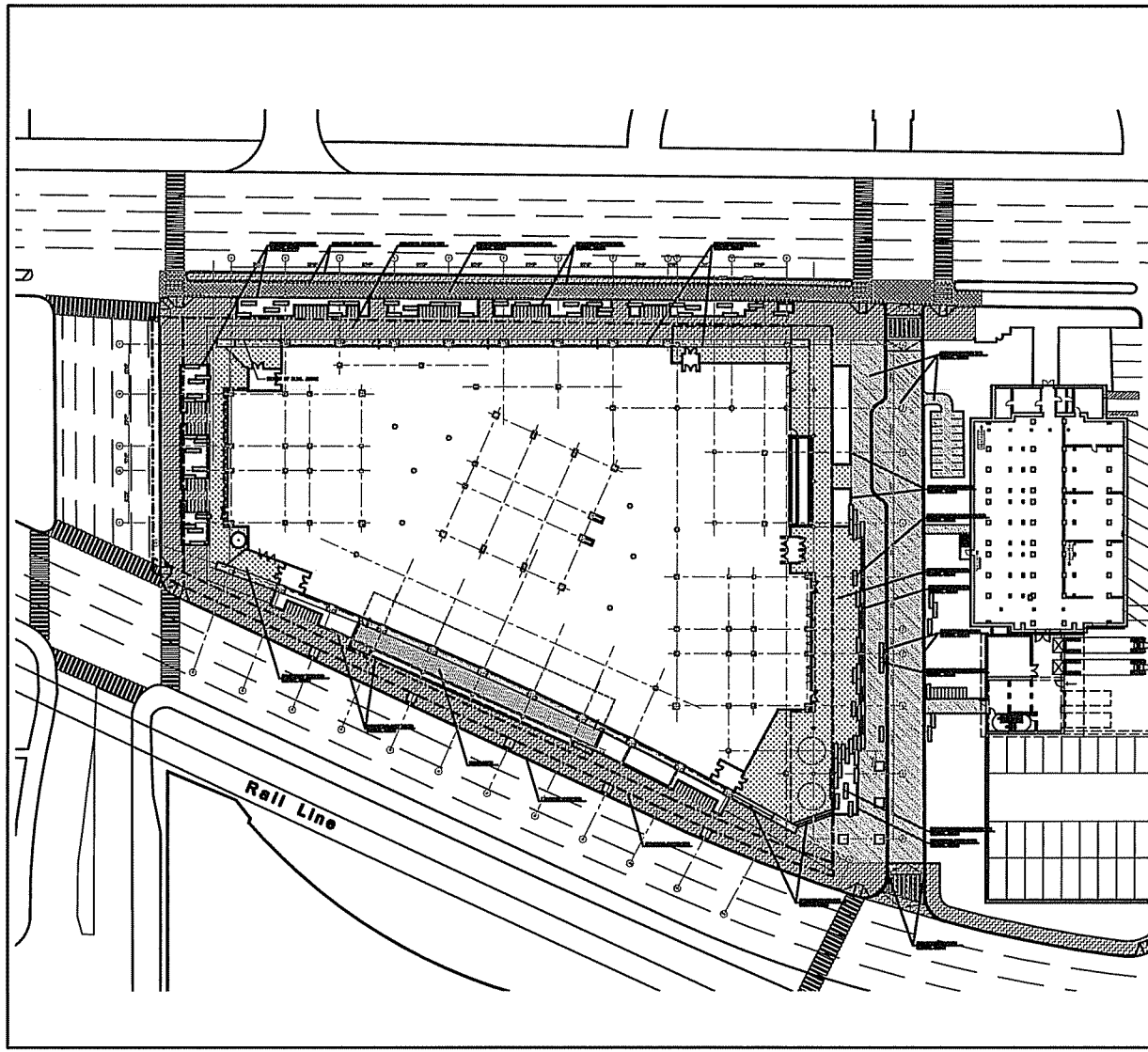
NO.	DESCRIPTION	DATE
	GDP Review	8.15.07
	Revision 1	9.24.07
	MFD Review	10.26.07
	MFD Review	12.11.07

DRAWING ISSUE

DRAWN BY	CHECKED BY
RWV	RWV
PROJECT 00002.00	SCALE 1" = 20'-0"

DRAWING TITLE
Fire Department Access Site Plan

DRAWING NUMBER



LEGEND

KEY	DESCRIPTION
	STONE BLOCK, MATERIAL VARIES
	GRANITE ROAD CURB
	ASPHALT PAVERS
	GRANITE PAVERS
	C.I.P. CONCRETE PAVING
	BENCH, WOOD WITH B/B FRAME
	DECK, LOCAL CEDAR
TYP.	STAIRS, GRANITE
TYP.	C.I.P. CONCRETE CURB
	BITUMINOUS CONCRETE BIKE LANE
	BIKE PARKING, 101 TOTAL SPACES, STANDARD U.W. RACK
	MOPED PARKING, 18 TOTAL SPACES

L101

DISCOVERY

Bellinger

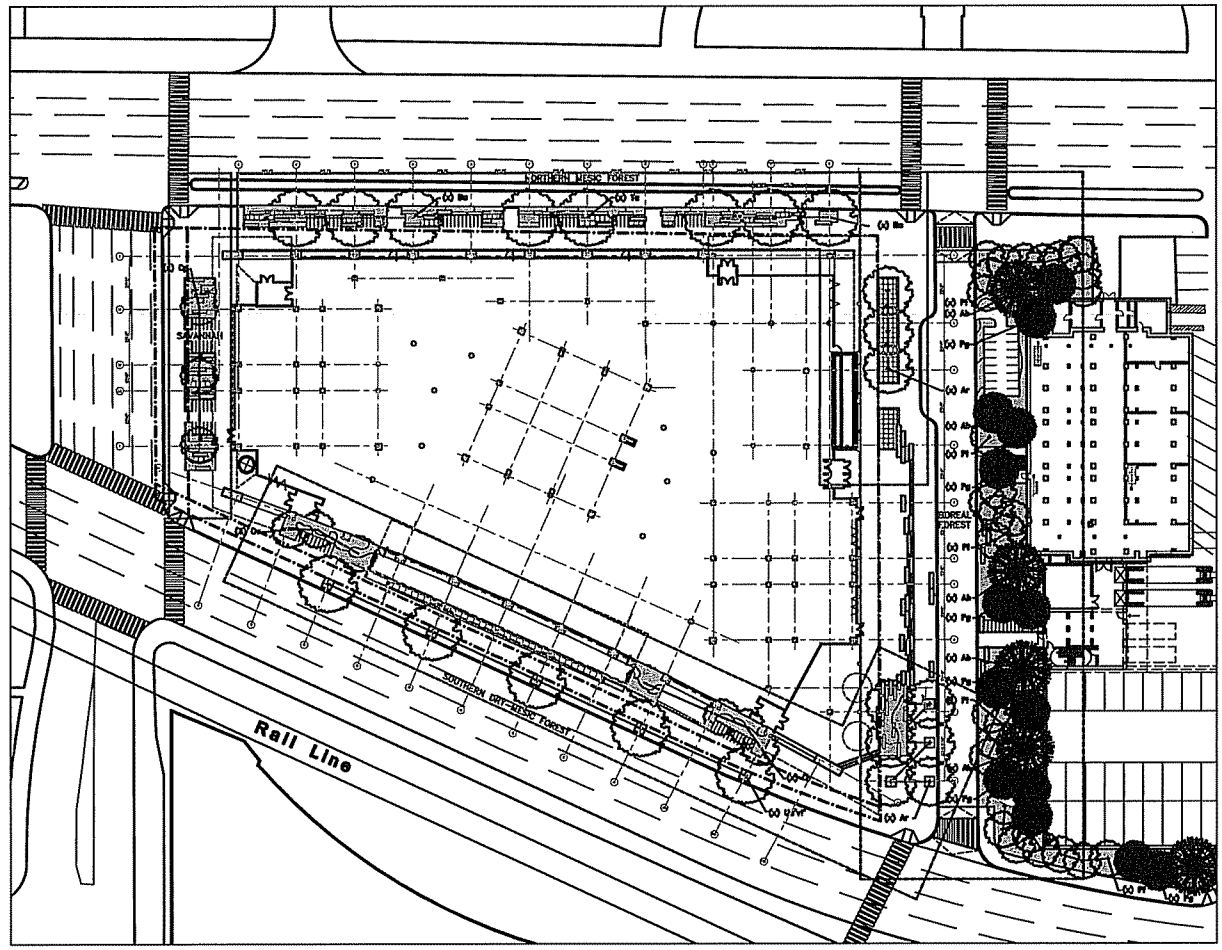
UHLEIN WILSON

LANDSCAPE

MATERIALS PLAN

L101

RIP SUBMISSION - 12/18/07



L201

DISCOVERY

Bellinger

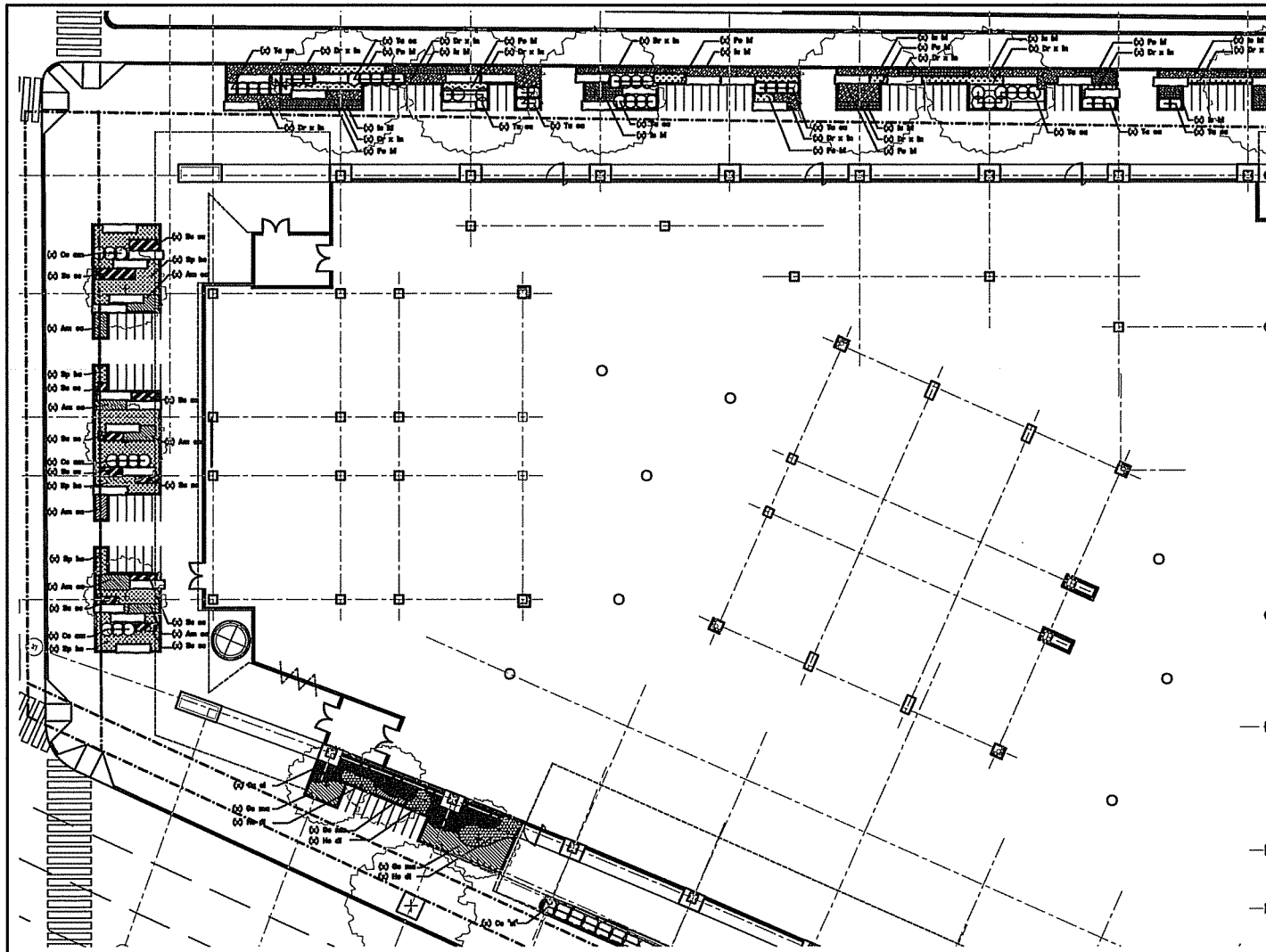
UHLEIN WILSON

LANDSCAPE

PLANTING PLAN OVERALL TREES

L201

SIP SUBMISSION - 12/18/07



L202

DISCOVERY

Bellinger

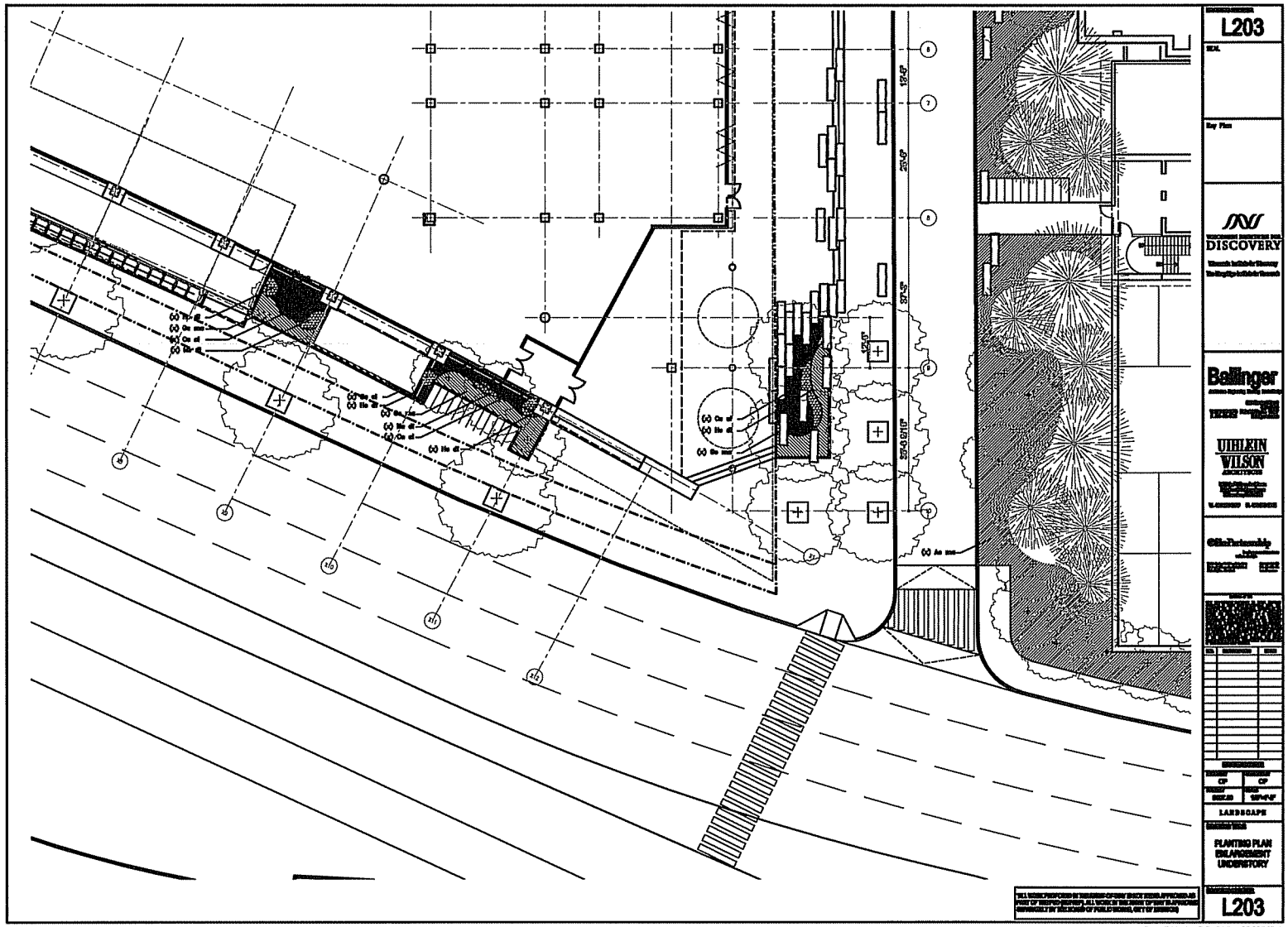
UHLEIN WILSON ARCHITECTS

LANDSCAPE

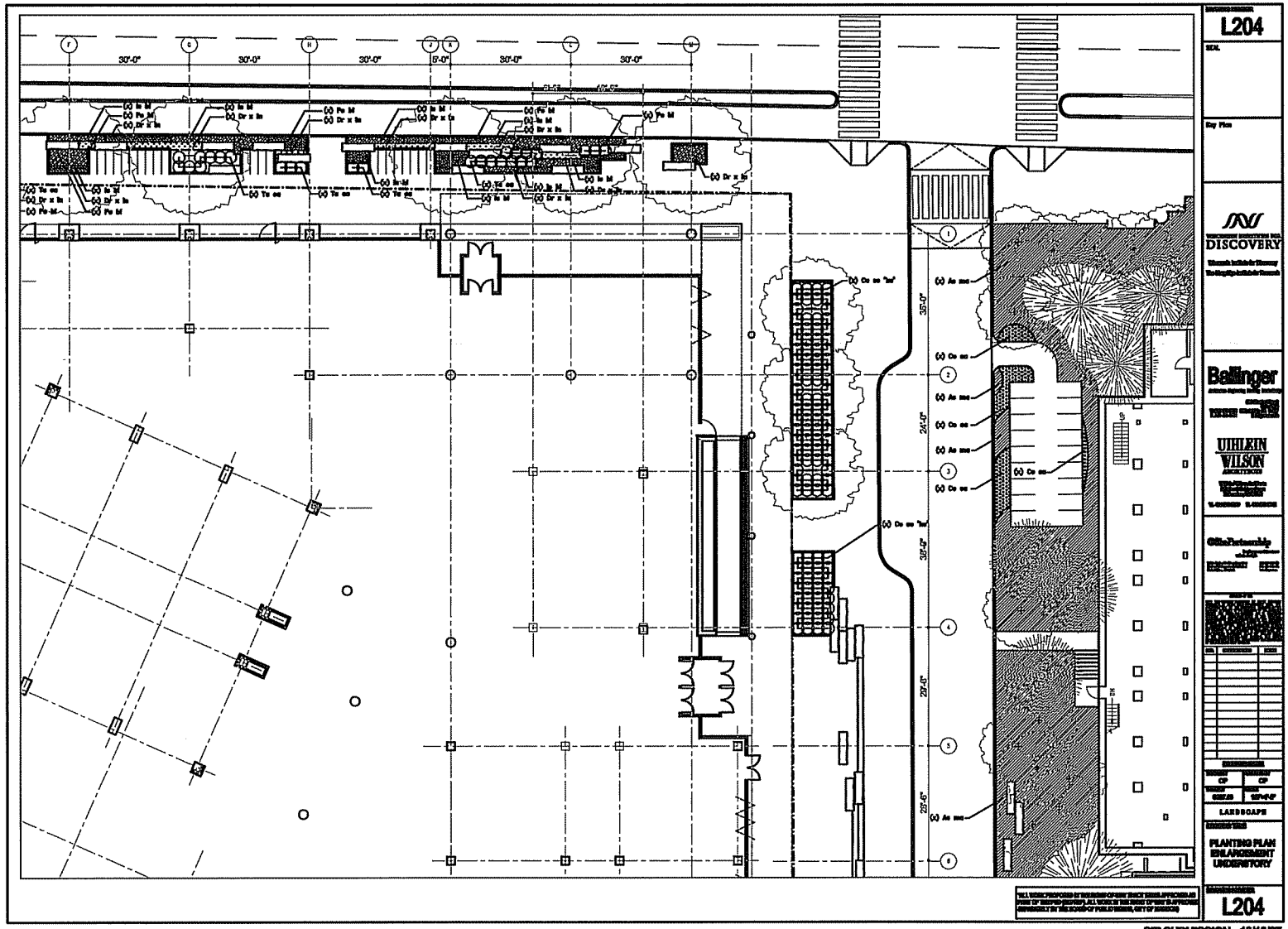
PLANTING PLAN ENLARGEMENT UNDERSTORY

L202

BIP SUBMISSION - 12/18/07



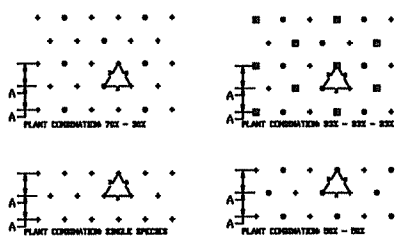
SIP SUBMISSION - 12/18/07



SIP SUBMISSION - 12/18/07

SPACING "D"	ROW "A"	NO. OF PLANTS	AREA UNIT
3"	2.6"	18.4	1 SQ. FT
4"	3.46"	10.4	
6"	5.2"	4.61	
9"	7.8"	2.59	
12"	10.4"	1.15	
15"	13.0"	7.39	10 SQ. FT
18"	15.6"	5.12	
24"	20.8"	2.9	
30"	26.0"	1.85	
36"	30.0"	1.28	

1 Plant Spacing for Perennials, Ferns, Annuals, Bulbs
Note: Use Planting Diagram for "D"



2 Plant Spacing Diagram for Perennials, Ferns, Annuals, Bulbs
Note: Use Planting Plans for Locations of Plant Combinations

SAVANNAH

DIV.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
DECIDUOUS TREES						
0	Cp	Crataegus punctata 'Ohio Pioneer'	Thornless Dotted Hawthorn	4" cal	See plan	
SHRUBS						
0	Ca ann	Ceanothus americanus	New Jersey Tea	5 gal	See plan	
0	Am ce	Amorpha canescens	Lead plant Amorpha	5 gal	See plan	
GRASSES						
0	Sc no	Schizachyrium scoparium	Little Bluestem	1 gal	2"	
0	Sp he	Sporobolus heterolepis	Prairie Dropseed	1 gal	2"	

SOUTHERN DRY-MESIC FOREST

DIV.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CANOPY TREES						
0	Ul vf	Ulmus americana ' Valley Forge'	Valley Forge American Elm	4-6" cal	See plan	
DECIDUOUS TREES						
0	Ov	Ostrya virginiana	American Hophornbeam	3-4" cal	See plan	
SHRUBS						
0	Co 'sf'	Cornus racemosa 'Stadell'	Dwarf Gray Dogwood	5 gal	See plan	
PERENNIALS						
0	Ge ma	Geranium maculatum	Wild Geranium	1 gal	2"	
0	He st	Heliantheus strumosus	Woodland Sunflower	1 gal	2"	
FERNS						
0	Os cl	Osmunda claytoniana	Interrupted Fern	1 gal	2"	

NORTHERN MESIC FOREST

DIV.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CANOPY TREES						
0	Betu	Betula alleghaniensis	Yellow Birch	4-6" cal	See plan	
0	Ta	Tilia americana	Basswood	4-6" cal	See plan	
SHRUBS						
0	Ta 'ma'	Taxus canadensis 'Compacta'	Dwarf American Yew	5 gal	See plan	
PERENNIALS						
0	Is bi	Isopyrum biternatum	False Rue Anemone	1 gal	2"	
0	Po bi	Polygonatum biflorum	Solomon's Seal	1 gal	2"	
FERNS						
0	Dr in	Dryopteris intermedia	Woodfern	1 gal	2"	

BOREAL FOREST

DIV.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CANOPY TREES						
0	Ab	Abies balsamea	Balsam fir	15'-20'	See plan	
0	Pg	Picea glauca	White Spruce	15'-20'	See plan	
0	Pt	Populus tremuloides	Quaking Aspen	4" cal	See plan	
0	Ar	Acer rubrum	Red Maple	4-6" cal	See plan	
SHRUBS						
0	Co 'ba'	Cornus sericea 'Kelseyi'	Dwarf Redosier Dogwood	5 gal	See plan	
0	Di lo	Diervilla lonicera	Dwarf Bushhoneysuckle	5 gal	See plan	
PERENNIALS						
0	As ma	Aster macrophyllus	Lingoland Aster	1 gal	2"	
0	Co ca	Cornus canadensis	Bunchberry	1 gal	2"	

THE WORK DESCRIBED IN THESE DRAWINGS MUST BE APPROVED AS PART OF REGULAR SERVICE. ALL WORK TO BE DONE OF THE PLANTING SERVICES BY SELECTION OF PUBLIC WORKS, CITY OF SEATTLE

L205

SEAL

Key Plan

DISCOVERY

Ballinger

UHLEIN WILSON ARCHITECTS

GlenPortmanUrban

NO.	DESCRIPTION	DATE

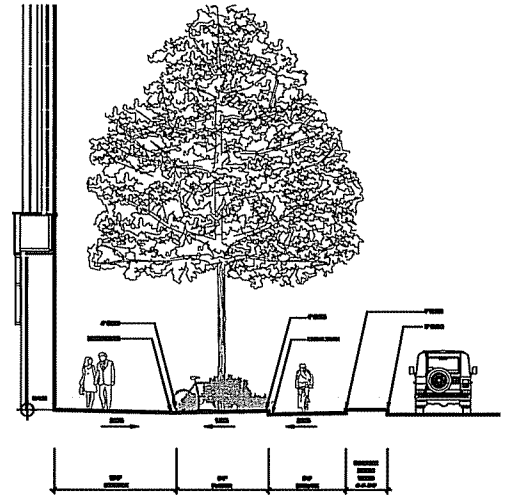
DRAWN CP
CHECKED CP
DATE
SCALE AS NOTED

LANDSCAPE

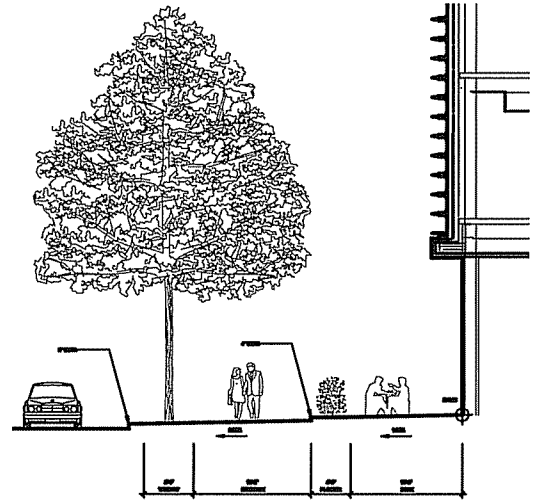
PLANTING SCHEDULE

L205

SIP SUBMISSION - 12/18/07



1 Detailed Section - University Avenue



2 Detailed Section - Campus Drive

L301

Key Plan

DISCOVERY

Bellinger

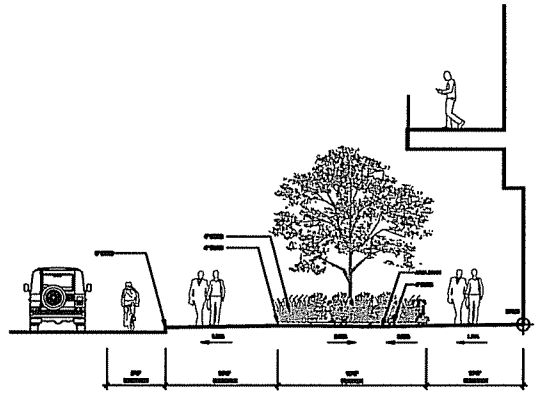
UHLEIN WILSON ARCHITECTS

LANDSCAPE

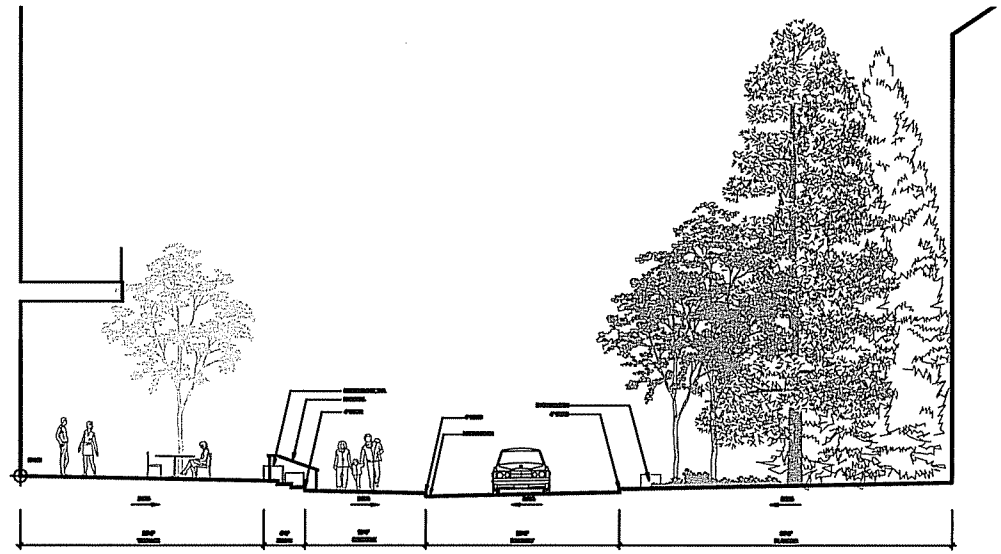
SECTIONS

L301

RIP SUBMISSION - 12/11/07



1 Detailed Section - Randall Avenue



2 Detailed Section - Orchard Street

L302

SOIL

Dry Flow

DISCOVERY

Bellinger

UHLEIN WILSON ARCHITECTS

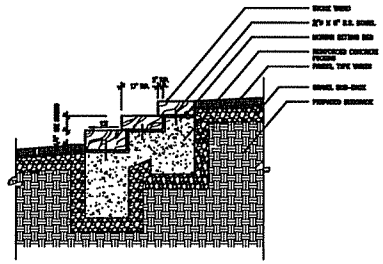
OliaPartnership

LANDSCAPE

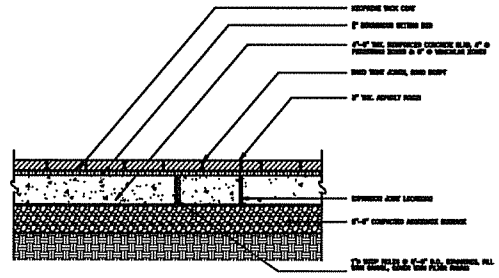
SECTIONS

L302

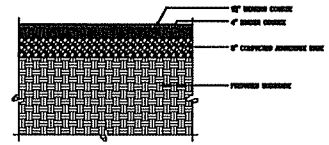
SIP SUBMISSION - 12/18/07



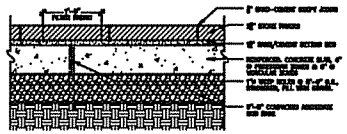
1 GRANITE STAIRS, TYP



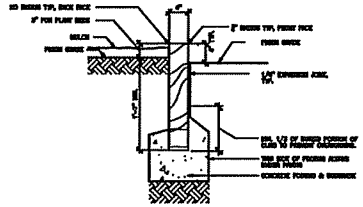
2 ASHPALT PAVERS, TYP



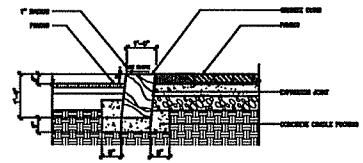
3 BITUMINOUS CONCRETE PAVING, TYP



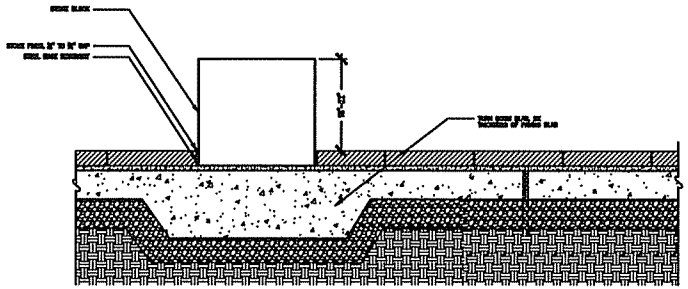
4 GRANITE PAVERS, TYP



5 GRANITE PLANTER CURB, TYP



6 GRANITE ROAD CURB, TYP.



7 STONE BLOCKS IN PAVING, TYP

L401

Key Plan

DISCOVERY

Bellinger

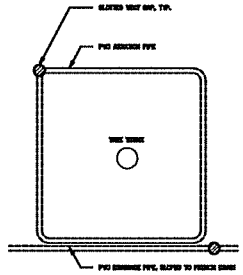
UHLEIN WILSON

LANDSCAPE

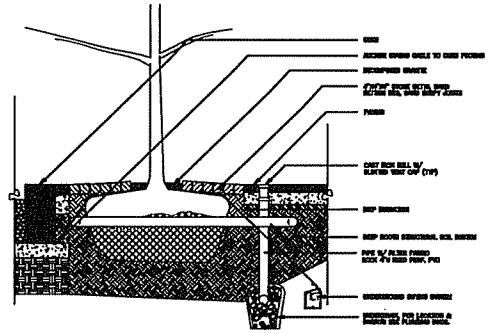
SITE DETAILS

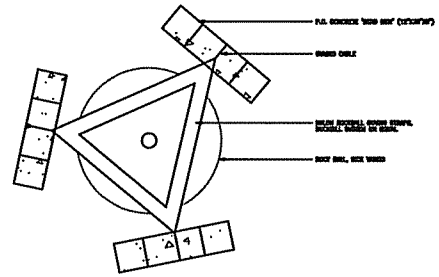
L401

FOR SUBMISSION - 12/16/07

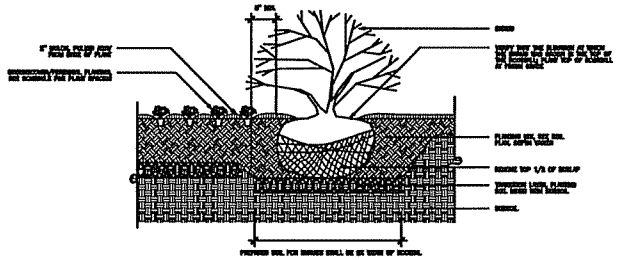


1 Street Tree Planting

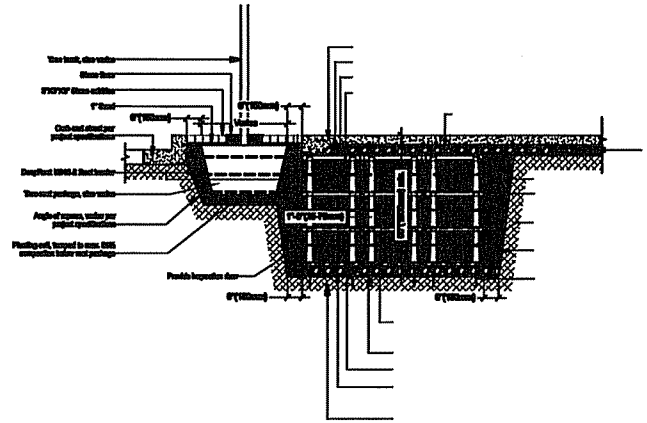




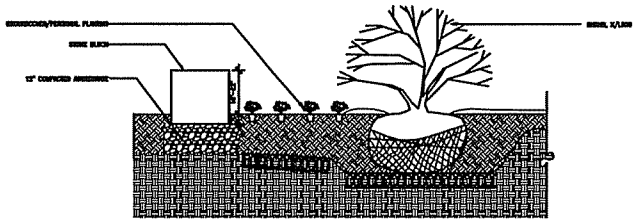
2 Underground Tree Guying - Street Trees in Structural Soil



3 Shrub and Perennial Planting



4 Deep Roots Structural Soil System



5 Stone Blocks in Planters

L501

DISCOVERY

Bellinger

UHLKIN WILSON ARCHITECTS

CP | CP

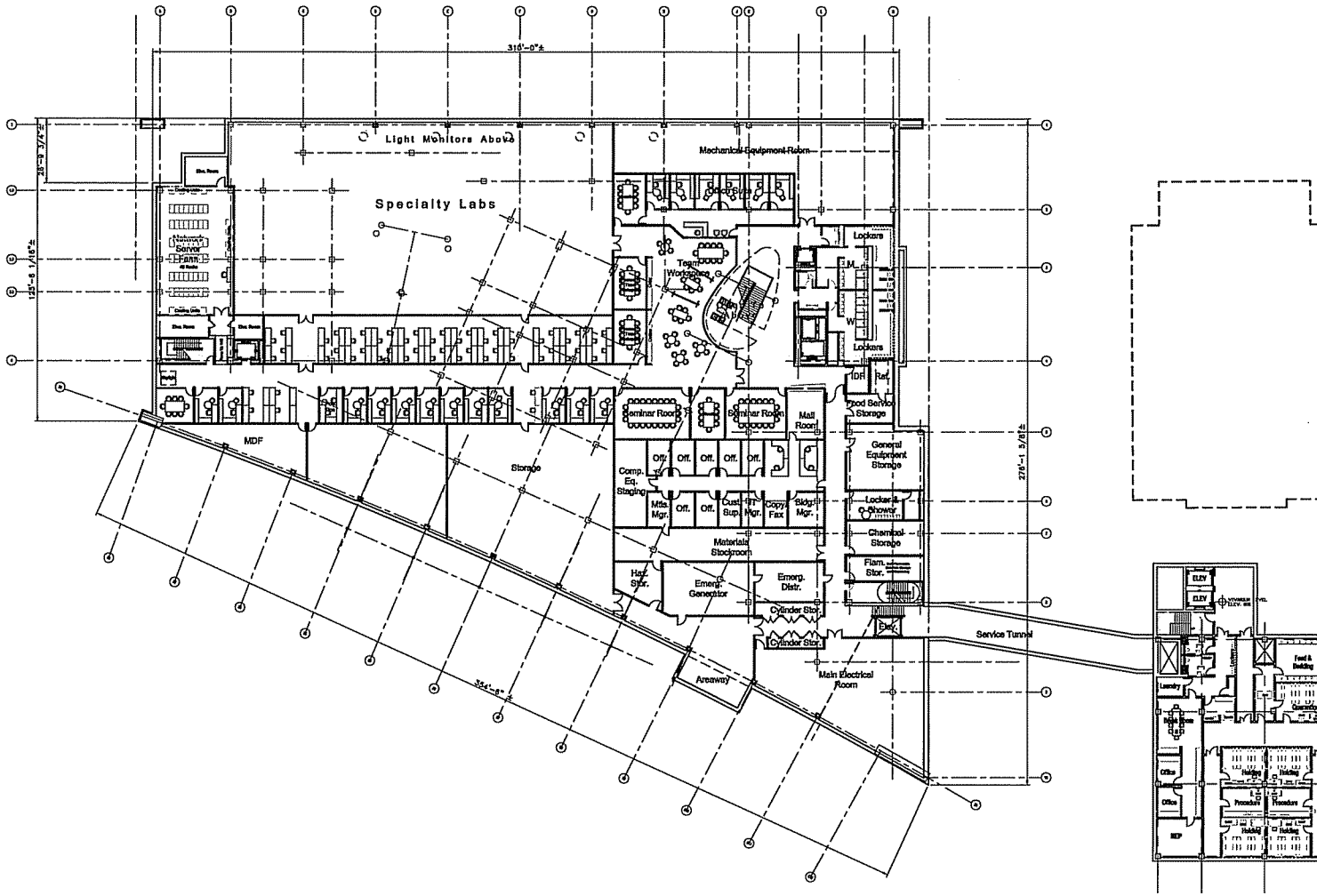
AS NOTED

LANDSCAPE

PLANTING DETAILS

L501

SIP SUBMISSION - 12/14/07



1/16" = 1'-0" LOWER LEVEL PLAN

DRAWING NUMBER
A100

SEAL

Key Plan

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JR	GG
PROJECT	SCALE
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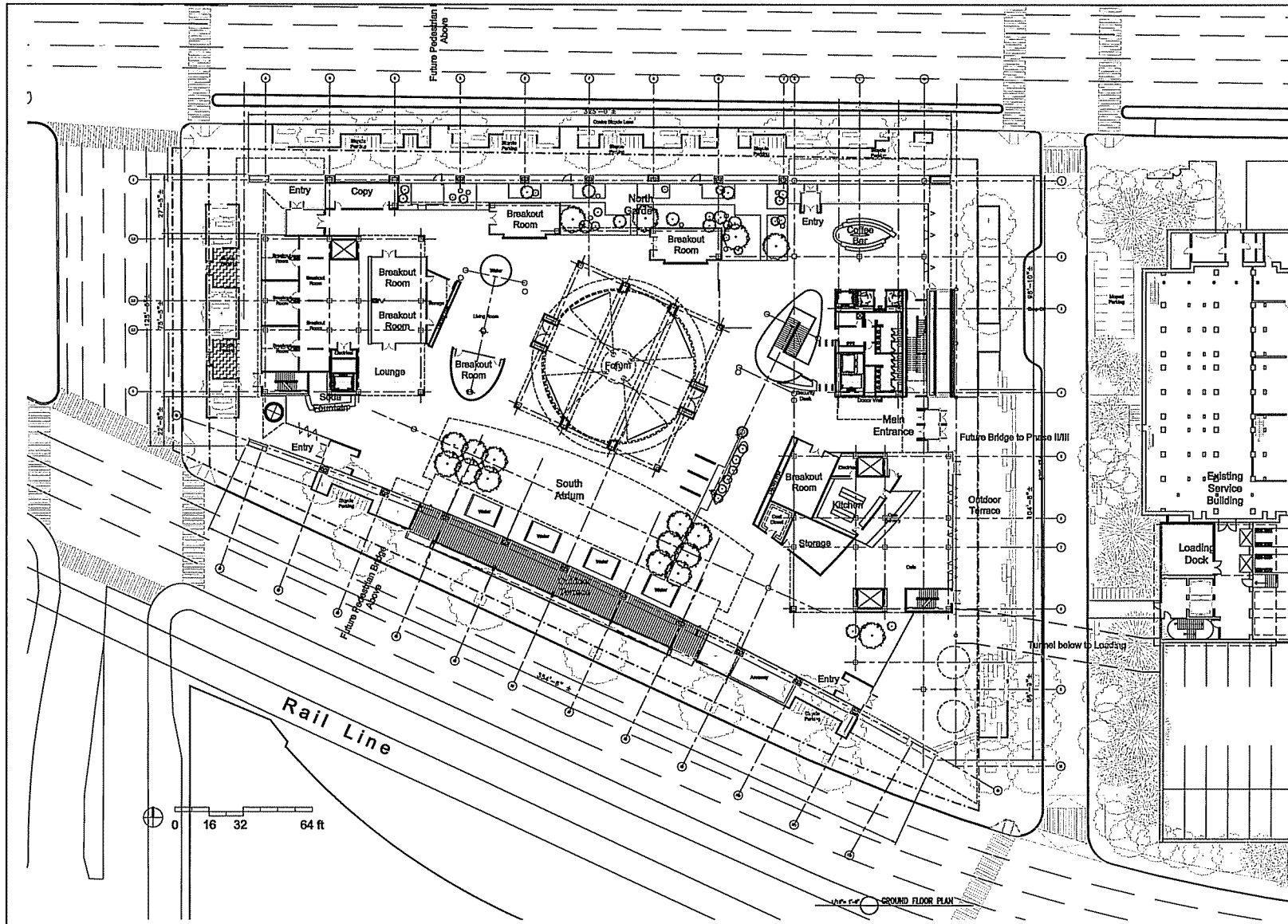
ARCHITECTURE

DRAWING TITLE

LOWER LEVEL PLAN



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JR	GB
PROJECT	SCALE
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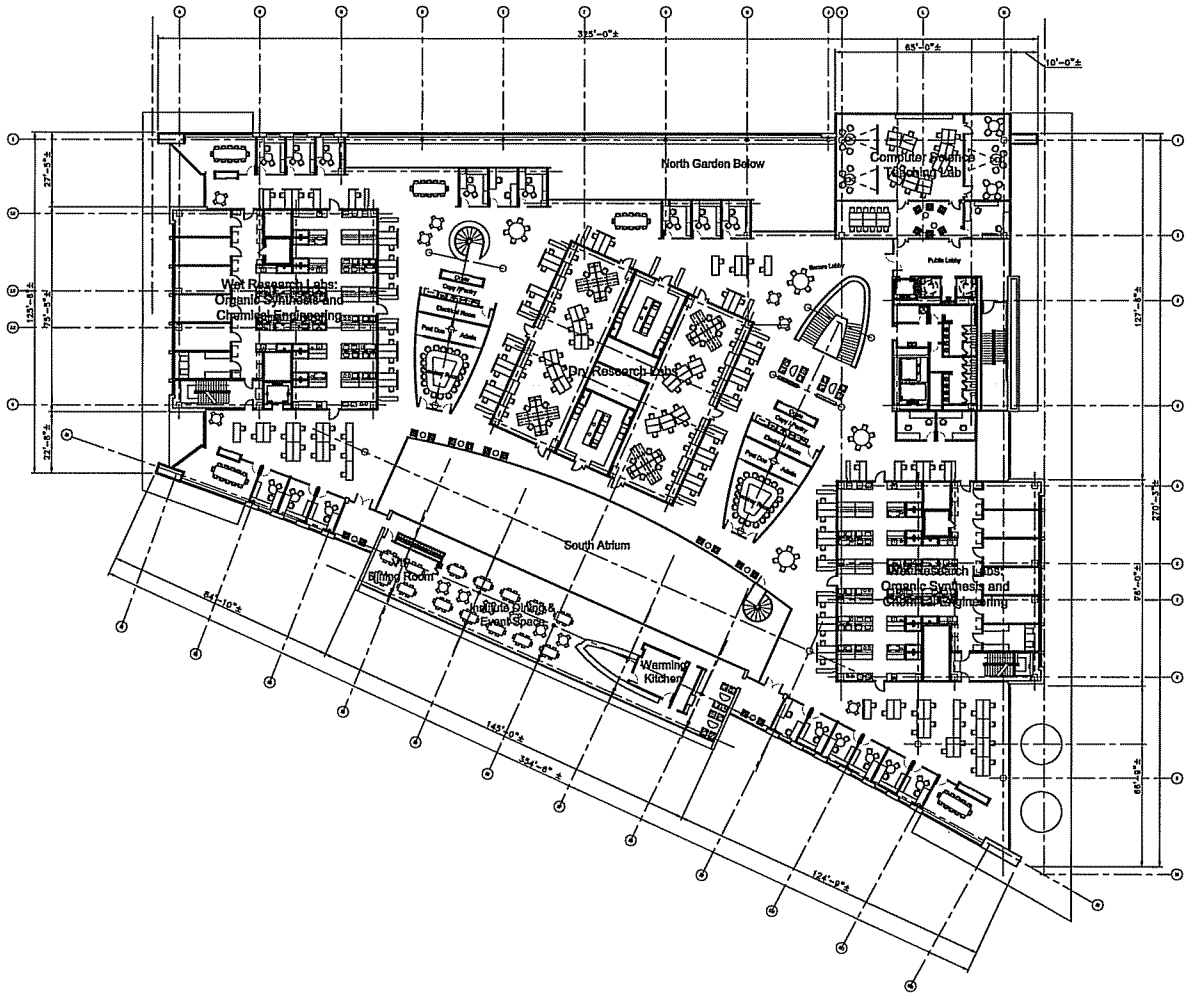
ARCHITECTURE

DRAWING TITLE

GROUND FLOOR PLAN



1/16"= 1'-0" SECOND FLOOR PLAN

DRAWING NUMBER
A102

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ARCHITECTURE

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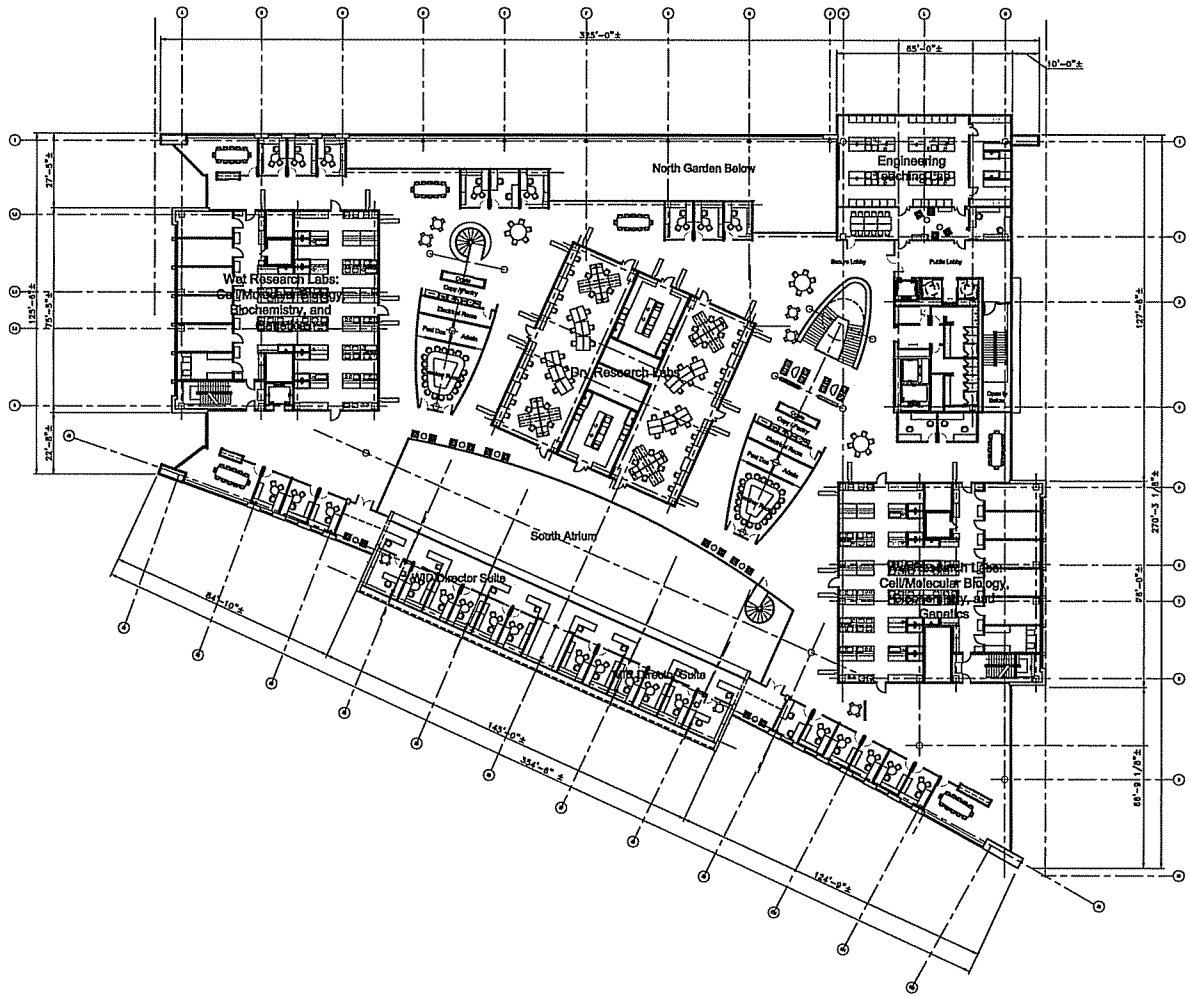
SECOND FLOOR PLAN



1/16"= 1'-0" THIRD FLOOR PLAN

DRAWING NUMBER
A103

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PROJECT	SCALE
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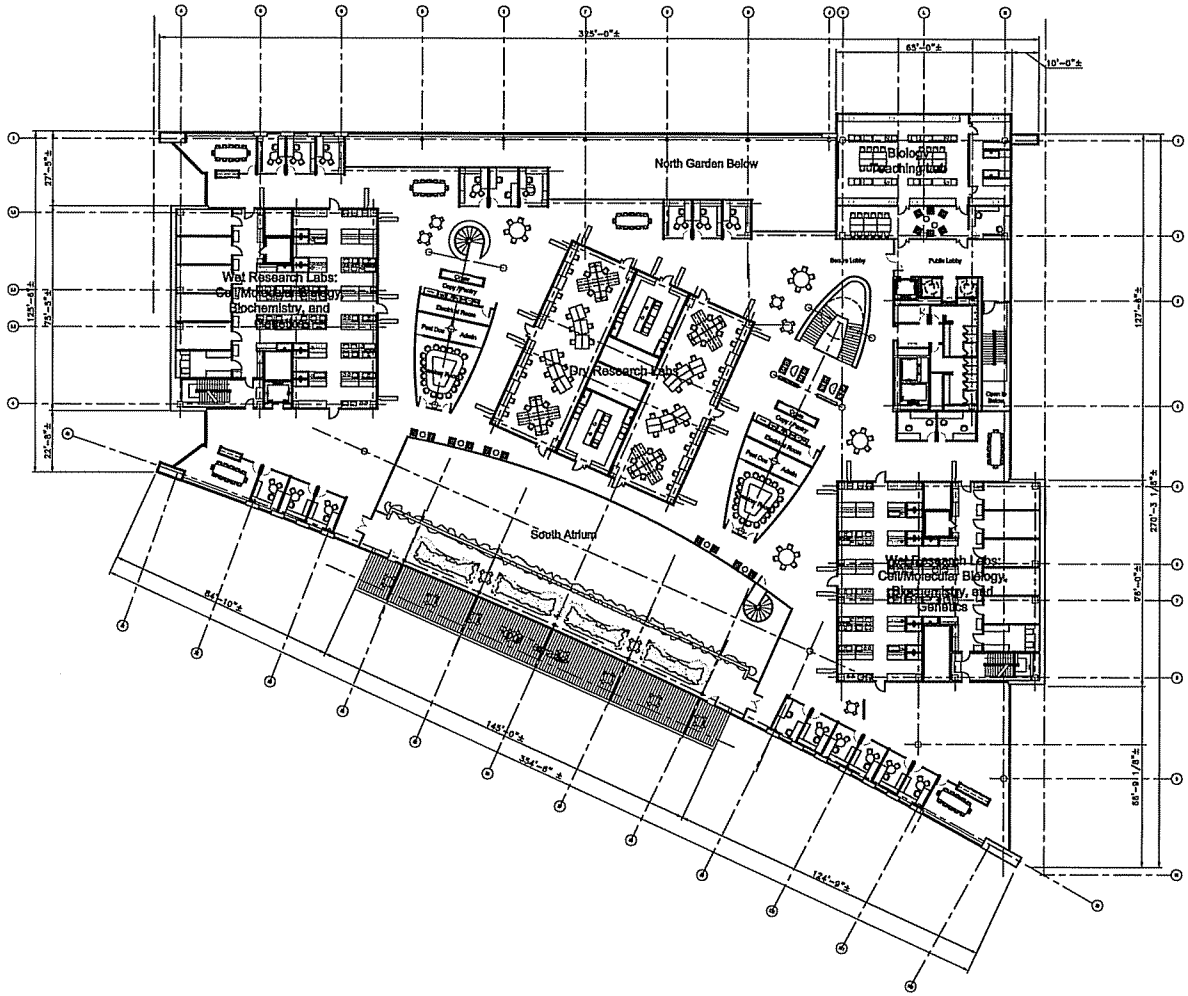
THIRD FLOOR PLAN



1/16"= 1'-0" FOURTH FLOOR PLAN

DRAWING NUMBER
A104

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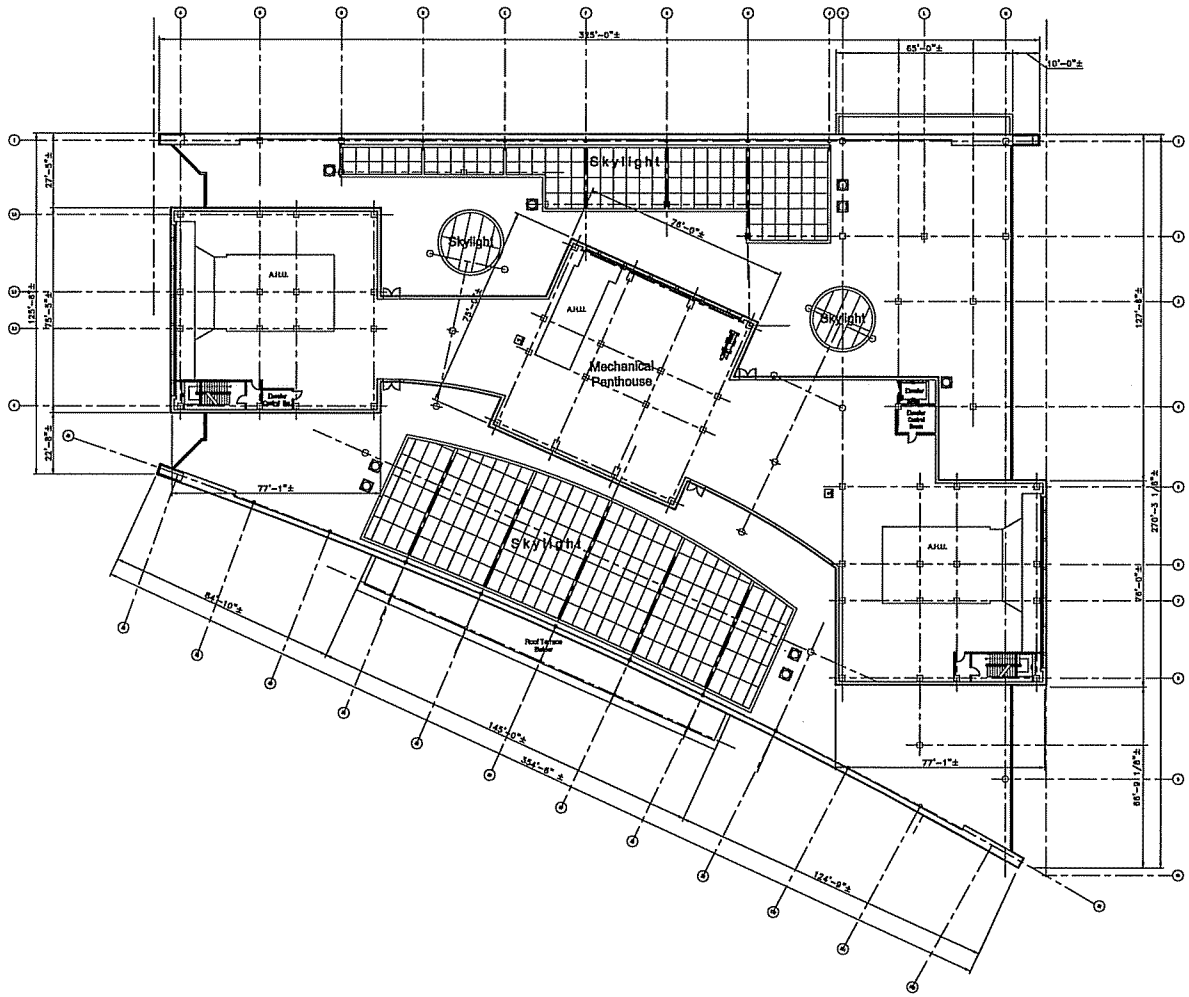
ARCHITECTURE

DRAWING TITLE

FOURTH FLOOR PLAN



1/16"= 1'-0" PENTHOUSE FLOOR PLAN

DRAWING NUMBER

A105

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PROJECT 06002.00	SCALE 1/16"= 1'-0"

ARCHITECTURE

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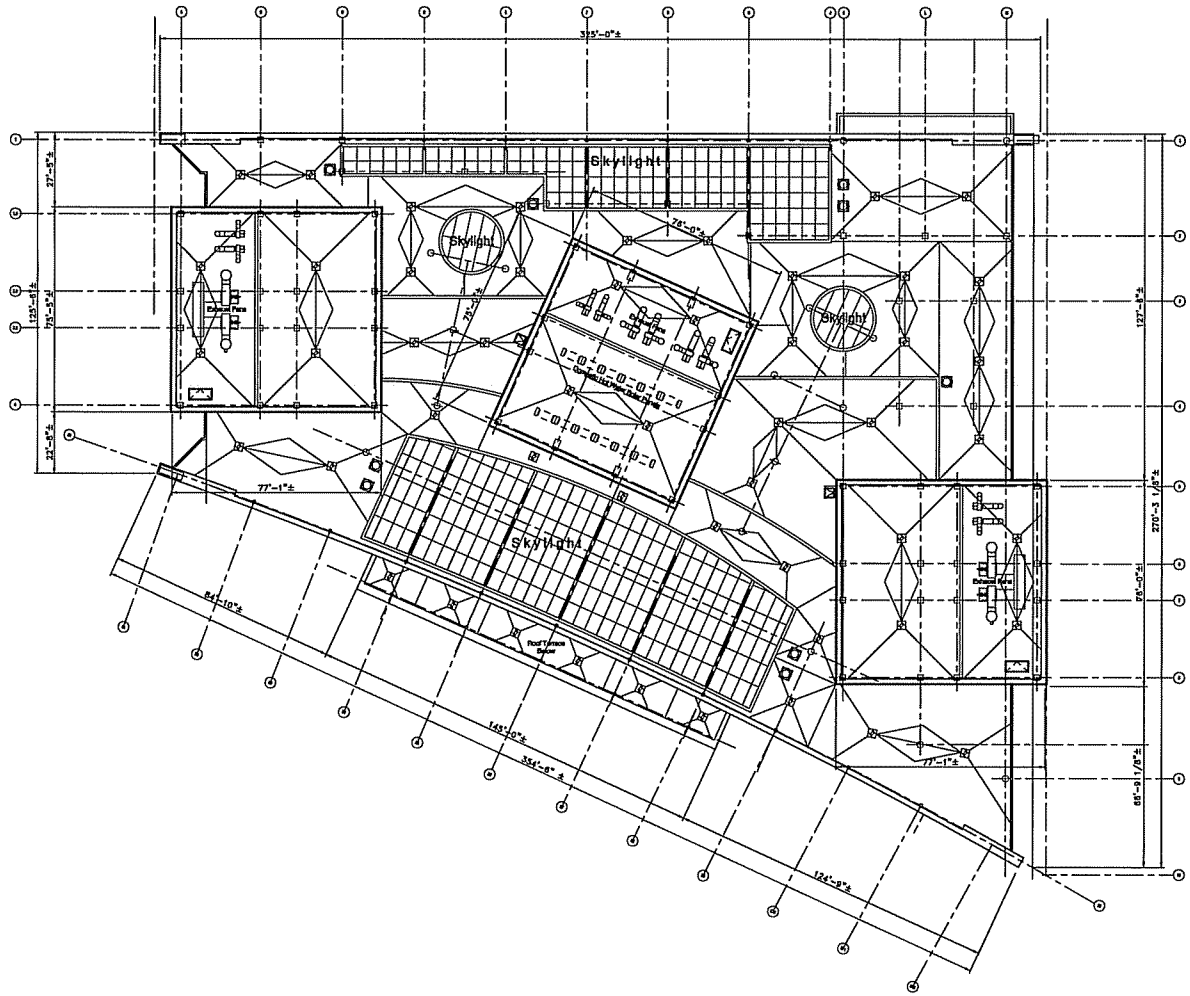
PENTHOUSE FLOOR PLAN



1/16"= 1'-0" ROOF PLAN

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A106

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REVISIONS OF ISSUE		

DRAWING ISSUE

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PROJECT	SCALE
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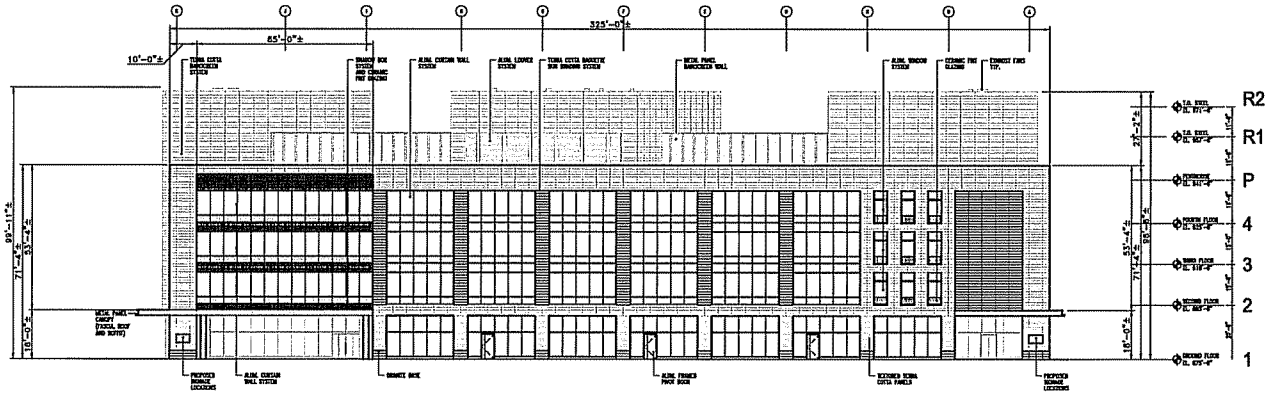
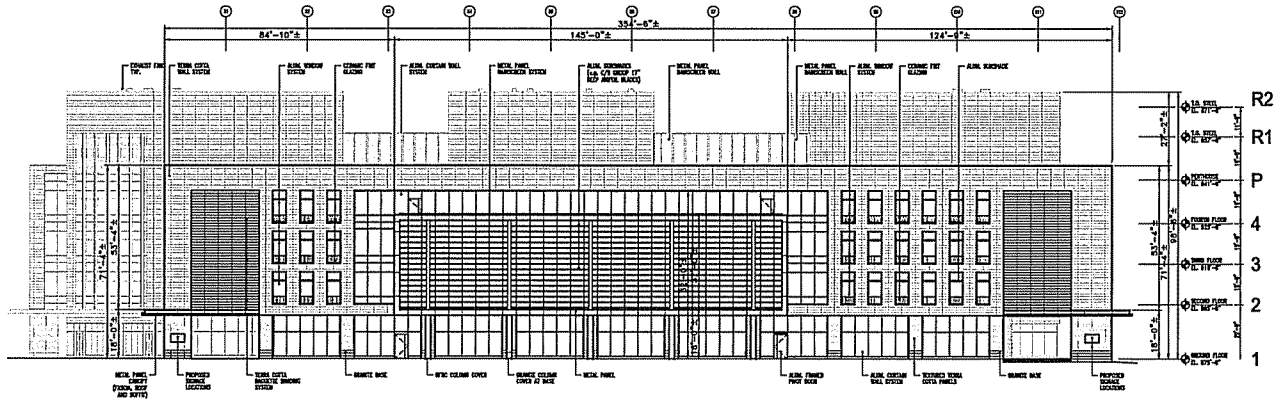
ARCHITECTURE

DRAWING TITLE

ROOF PLAN



1/16"= 1'-0" NORTH ELEVATION



1/16"= 1'-0" SOUTH ELEVATION

DRAWING NUMBER
A301

SEAL

Key Plan

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DRAWING ISSUE

DRAWN BY	CHECKED BY
JR	GD
PROJECT	SCALE
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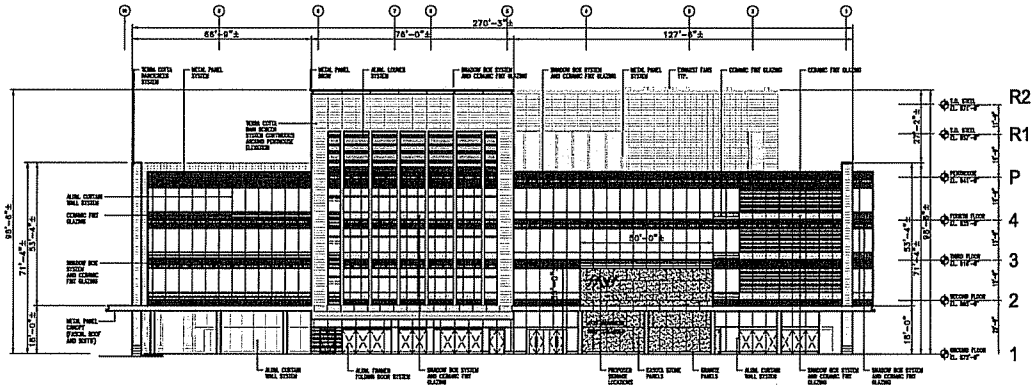
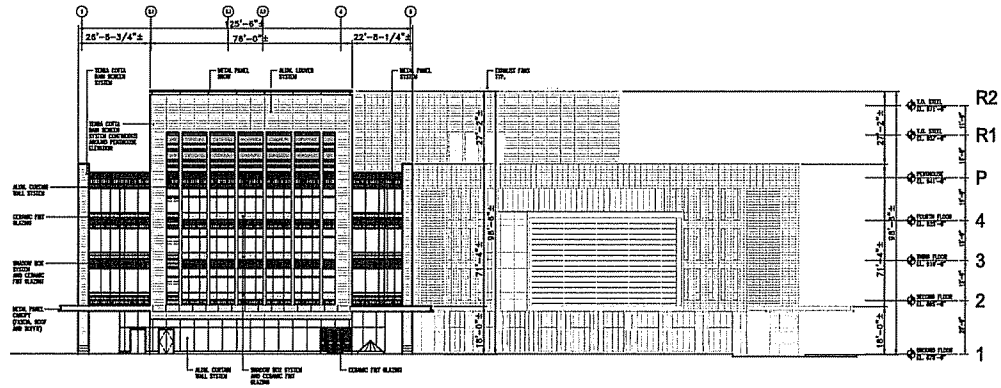
ARCHITECTURE

DRAWING TITLE

NORTH & SOUTH ELEVATIONS



1/16"= 1'-0" 1 A302 EAST ELEVATION
FACING GRAHAM STREET



1/16"= 1'-0" 2 A302 WEST ELEVATION
FACING MARSHALL STREET

DRAWING NUMBER
A302

SEAL

Key Plan

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V. 414-273-8000 F. 414-273-8013

DRAWING ISSUE

DRAWN BY	CHECKED BY
JR	GB
PROJECT	SCALE
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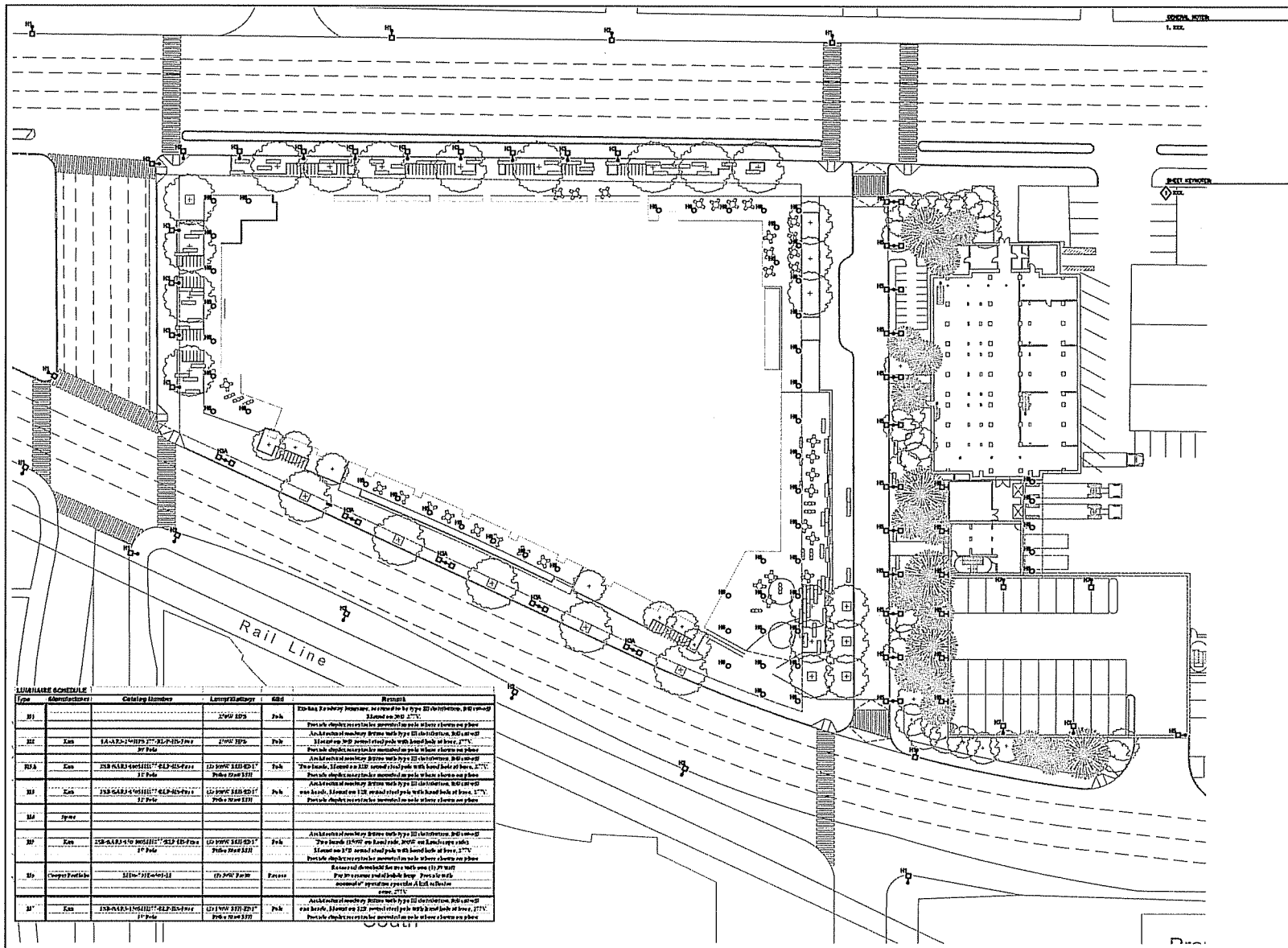
ARCHITECTURE

DRAWING TITLE
EAST & WEST ELEVATIONS

DRAWING NUMBER



LUMINAIRE SCHEDULE

Type	Manufacturer	Catalog Number	Lamp/Ballast	Mtd	Remarks
H1			2*W T5	Pole	Ex-bag Fa subway tunnel, to remove by type III distribution, 30 mounted on 30' 2"W. Provide duplex receptacle mounted on pole where shown on plans
H1	Eaton	FA-AFA-2-*HPS 2"-SLP-HS-Free 30' Pole	2*W T5	Pole	Architectural roadway fixture with type III distribution, 30 mounted on 30' round steel pole with hand hole at base, 2"W. Provide duplex receptacle mounted on pole where shown on plans
H1A	Eaton	FSB-SABJ-4*CMH 2"-SLP-HS-Free 12' Pole	(2) 39W T5 HO-ED-1" Pole Head T5	Pole	Architectural roadway fixture with type III distribution, 30 mounted on 12' round steel pole with hand hole at base, 2"W. Two heads, 1 Mounted on 180 Provide duplex receptacle mounted on pole where shown on plans
H1	Eaton	FSB-SABJ-4*CMH 2"-SLP-HS-Free 12' Pole	(2) 39W T5 HO-ED-1" Pole Head T5	Pole	Architectural roadway fixture with type III distribution, 30 mounted on 12' round steel pole with hand hole at base, 2"W. one head, 1 Mounted on 180 Provide duplex receptacle mounted on pole where shown on plans
H2	Spare				
H2	Eaton	FSB-SABJ-4*CMH 2"-SLP-HS-Free 10' Pole	(2) 39W T5 HO-ED-1" Pole Head T5	Pole	Architectural roadway fixture with type III distribution, 30 mounted on 10' round steel pole with hand hole at base, 2"W. Two heads (180) on Road side, 30W on Landscape side Provide duplex receptacle mounted on pole where shown on plans
H3	Cooper Portable	[illegible]	(3) 39W T5	Excess	Removed shoebox fixture with one (1) 39 watt For 30 minutes and [illegible] bags. Provide with manual 6" operation operation A kit is [illegible] cover. 2"W.
H3	Eaton	FSB-SABJ-1*CMH 2"-SLP-HS-Free 10' Pole	(2) 39W T5 HO-ED-1" Pole Head T5	Pole	Architectural roadway fixture with type III distribution, 30 mounted on 10' round steel pole with hand hole at base, 2"W. one heads, 1 Mounted on 180 Provide duplex receptacle mounted on pole where shown on plans

DRAWING NUMBER
ES100

SEAL

Key Plan

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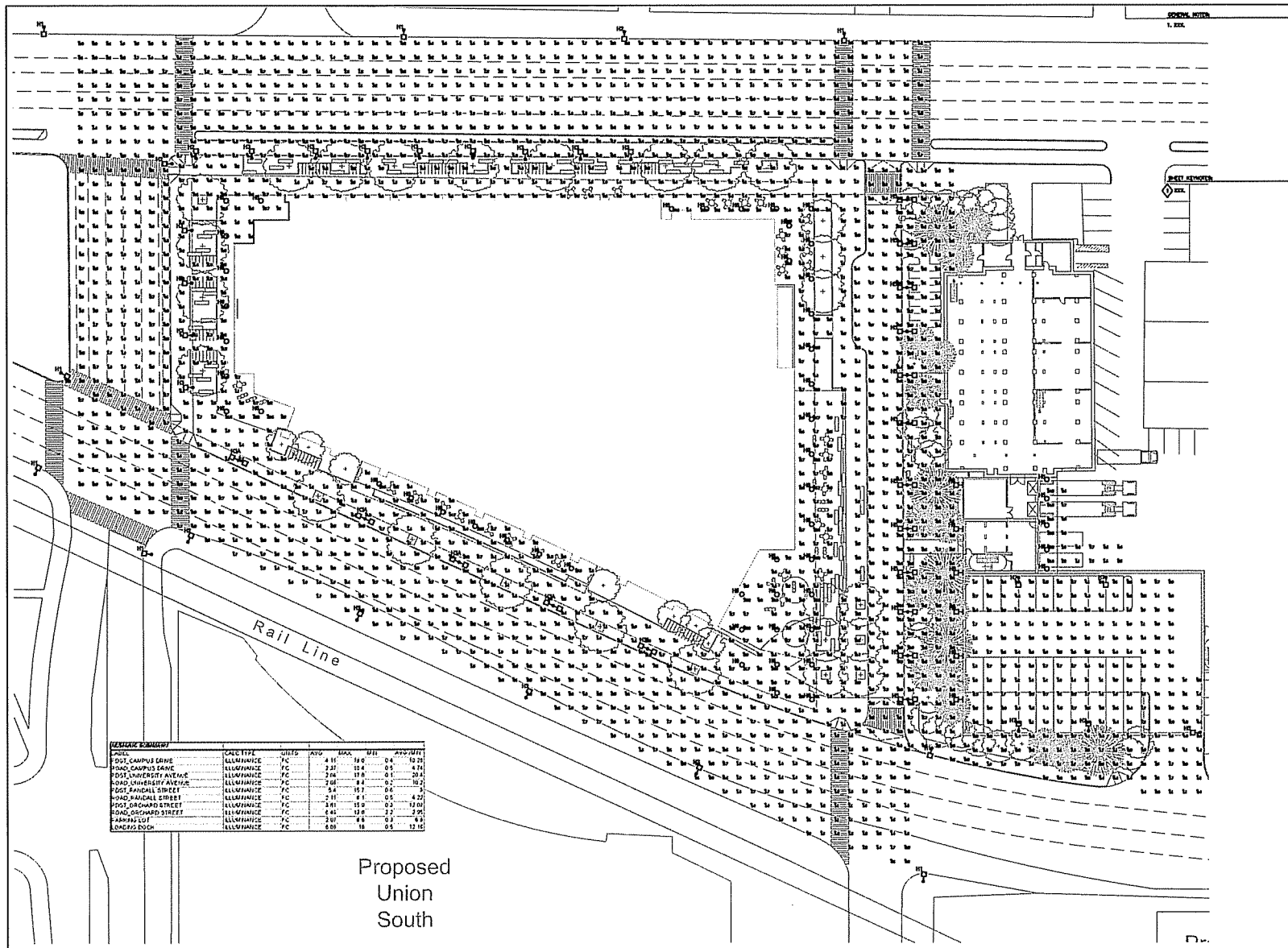
06002.00	1"= 20'-0"

ELECTRICAL

DRAWING TITLE

SITE LIGHTING PLAN



LUMINAIRE SUMMARY						
LABEL	CALC TYPE	UNITS	AVG	MAX	MIN	AVG/MIN
ROAD_CAMPUS DRIVE	ILLUMINANCE	FC	4.11	19.0	0.4	10.28
ROAD_CAMPUS DRIVE	ILLUMINANCE	FC	3.37	15.4	0.5	6.74
ROAD_UNIVERSITY AVENUE	ILLUMINANCE	FC	2.06	17.8	0.1	20.6
ROAD_UNIVERSITY AVENUE	ILLUMINANCE	FC	2.08	8.4	0.2	10.4
ROAD_RANDALL STREET	ILLUMINANCE	FC	5.4	15.7	0.6	9
ROAD_RANDALL STREET	ILLUMINANCE	FC	2.11	6.1	0.5	4.22
ROAD_ORCHARD STREET	ILLUMINANCE	FC	3.61	15.9	0.3	12.03
ROAD_ORCHARD STREET	ILLUMINANCE	FC	6.49	13.8	2.2	2.95
PARKING LOT	ILLUMINANCE	FC	2.97	4.6	0.3	9.9
LOADING DOCK	ILLUMINANCE	FC	6.03	18	0.5	12.06

GENERAL NOTES:
1. XXX.

SHEET KEYNOTES:
1. XXX.

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PROJECT	SCALE
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ELECTRICAL

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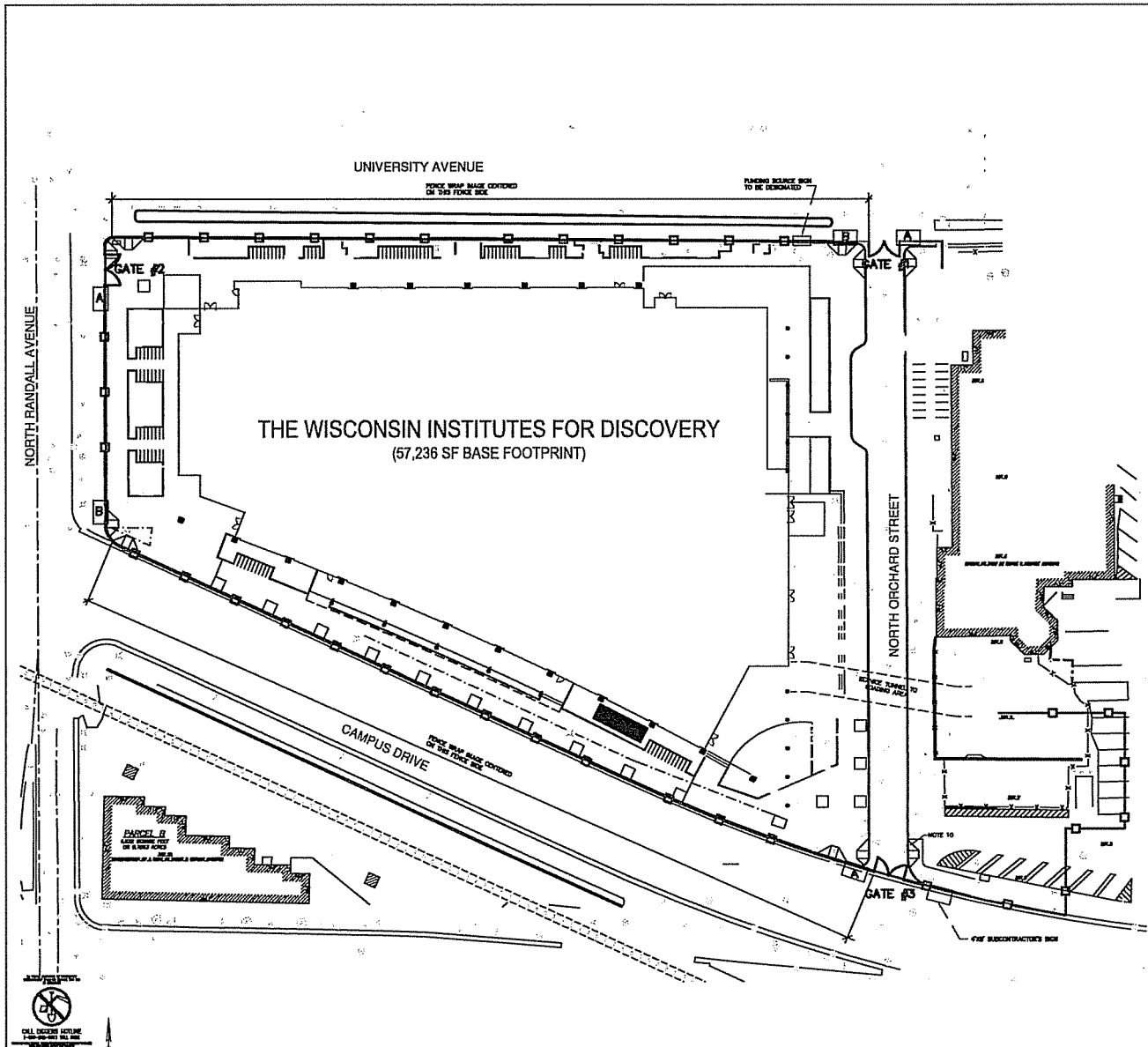
SITE PHOTOMETRIC LIGHTING PLAN



NOTES & LEGEND:

-SEE SHEET SU102 FOR SIGNAGE DETAILS. FENCE WRAP ALL THE WAY AROUND SITE UNLESS NOTED OTHERWISE

-6' HIGH FENCE

A. CONSTRUCTION SIGNAGE

B. WID SIGNAGE

FENCE WRAP

DRAWING NUMBER
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UIHLEIN WILSON ARCHITECTS

GRAEF ANHALT SCHLOEMER and Associates, Inc.

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RMLR	JL
PROJECT	SCALE
080062.00	1/20_1/16"F

CIVIL SITE

DRAWING TITLE
SITE FENCE

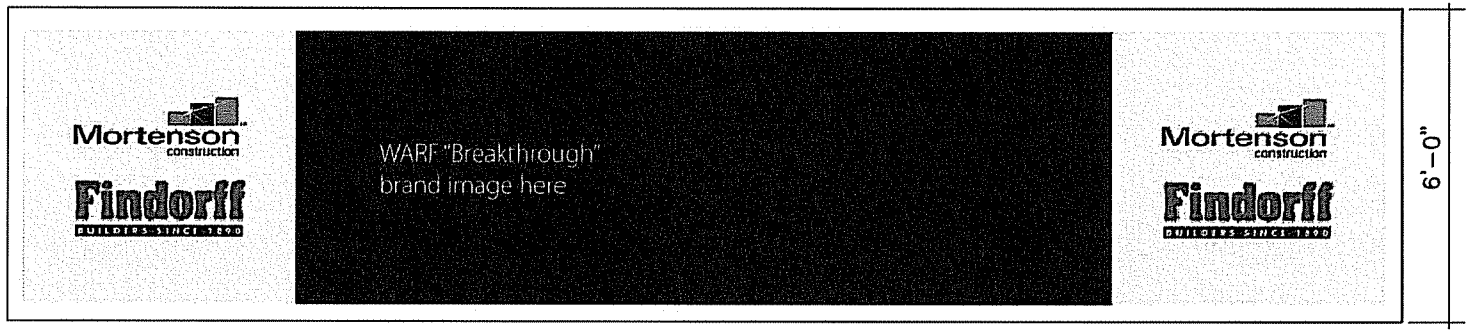
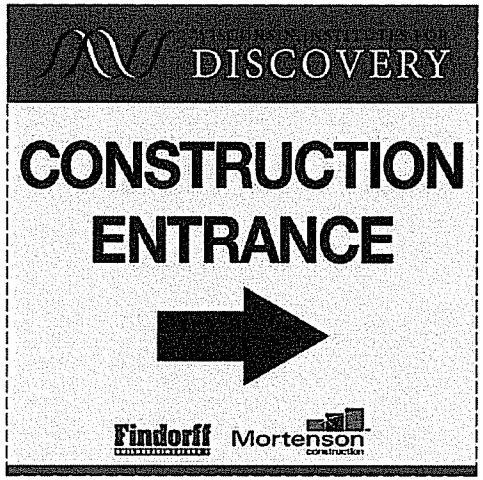
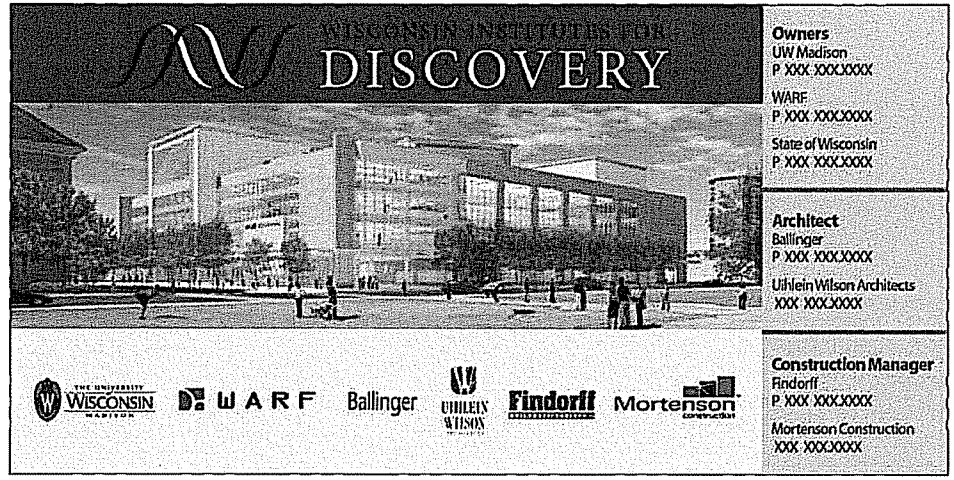


IMAGE ON FENCE WRAP



A. CONSTRUCTION SIGNAGE (6'X6')



B. WID SIGN (4'X8')

CALL DIGGERS HOTLINE

*ALL WORK PROPOSED IN THE RIGHT-OF-WAY IS NOT BEING

DRAWING NUMBER
SU 102

SEAL

Key Plan

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CHECKED BY JL
PROJECT 06092.00
SCALE NTS

CIVIL SITE

DRAWING TITLE
FENCE DETAILS

DRAWING NUMBER