

| Sheet Number | Sheet Name | C100 | Site Key Plan | C110 | Grading Plan | C122 | Planting Plan |
|--------------|-------------------------------|------|-----------------|------|----------------|------|-------------------------------------|
| A100 | Basement Overall | C101 | Erosion Control | C111 | Materials Plan | C123 | Planting Plan |
| A101 | First Floor Overall | C102 | Demolition Plan | C112 | Materials Plan | C124 | Planting Plan |
| A102 | Second Floor Overall | C103 | Demolition Plan | C113 | Materials Plan | C125 | Langdon Street Plan and Profile |
| A103 | Third Floor Overall | C104 | Demolition Plan | C114 | Utility Plan | C300 | Site Sections |
| A104 | Fourth Floor Overall | C105 | Layout Plan | C115 | Utility Plan | C301 | Site Sections |
| A105 | Fifth Floor Overall | C106 | Layout Plan | C116 | Utility Plan | C508 | Erosion Control and Utility Details |
| A200 | Building Elevations - Phase 2 | C107 | Layout Plan | C117 | Utility Plan | | |
| A201 | Building Elevations - Phase 2 | C108 | Grading Plan | C121 | Planting Plan | | |
| C001 | Survey | C109 | Grading Plan | | | | |

Wisconsin Union Redevelopment Project Phase II/Alumni Park

ARCHITECTURAL & CIVIL

11/20/2013 Initial SIP Submittal

09K1K-01

State of Wisconsin, Department of Administration, Division of Facilities Development
800 Langdon St.
Madison, WI 53706

SIP SUBMITTAL 1

**UHLIN/WILSON
MOODY/NOLAN**

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Division of Facilities Development



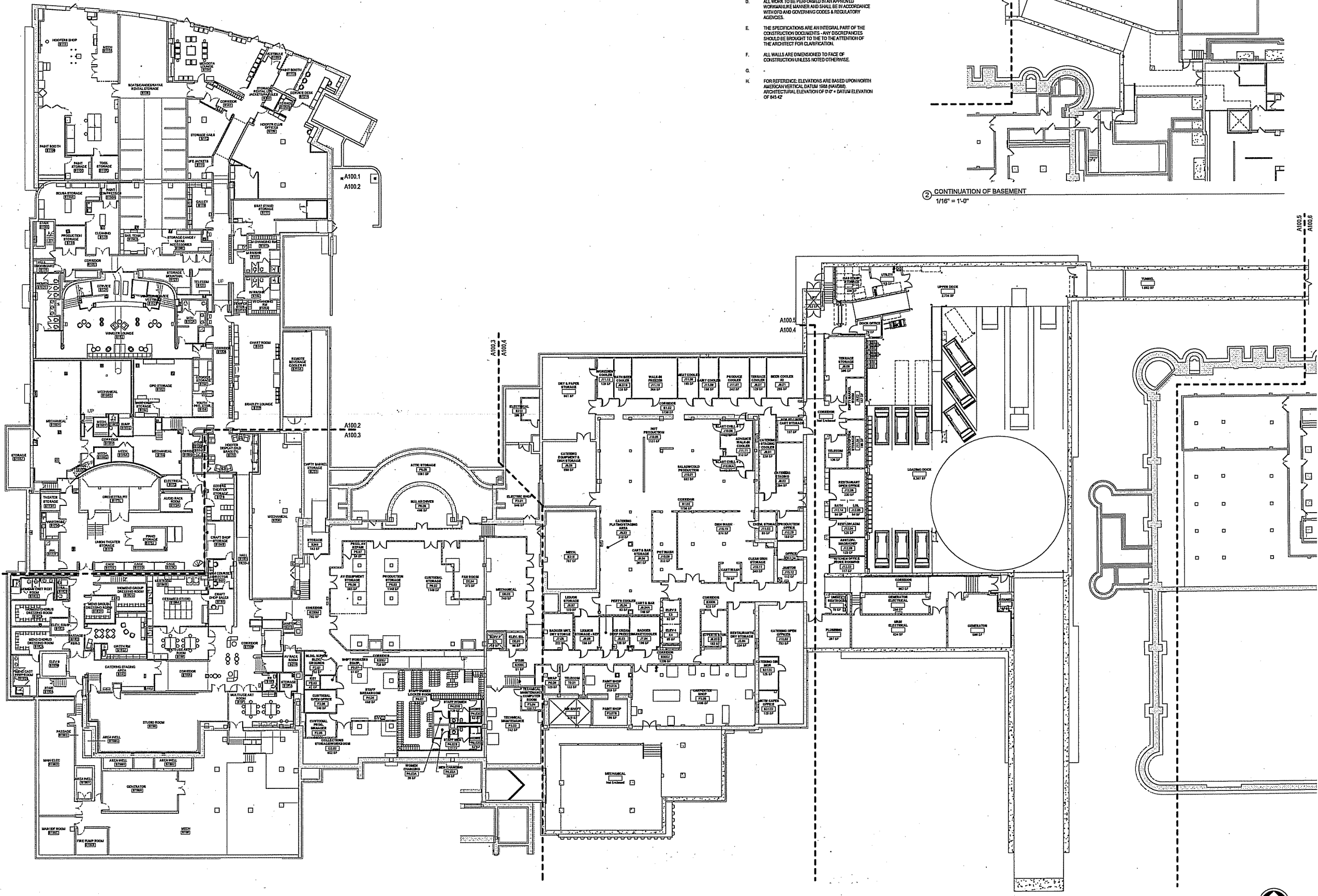
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Madison, WI 53706

Wisconsin Union Redevelopment
Project - Phase II/Alumni Park
University of Wisconsin - Madison
Madison, Wisconsin

Title Sheet

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| 1 | 11/29/2013 | Approval |
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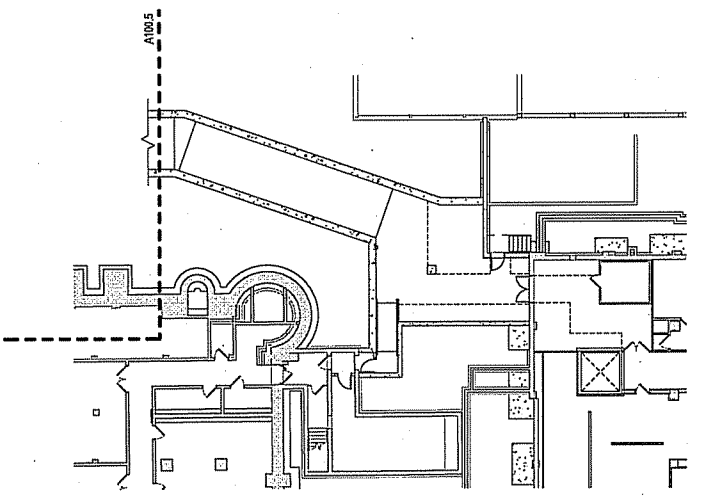
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| DFD Number | 09K1K-01 |
| Set Type | PR |
| Date Issued | 11/29/2013 |
| Sheet Number | T1 |



1 BASEMENT - NEW - OVERALL
1/16" = 1'-0"

- GENERAL NOTES
- A. INTERIOR EXPANSION JOINT DETAILS ARE ON SHEET A207
 - B. COORDINATE DIMENSIONS FOR EQUIPMENT SUPPORTS, WALL, FLOOR OR ROOF OPENINGS WITH APPLICABLE TRADE CONTRACTORS PRIOR TO CONCRETE PLACEMENT OR STEEL FABRICATION
 - C. FIELD VERIFY ALL DIMENSIONS PRIOR TO BEGINNING WORK OR FABRICATING UNITS. DIMENSIONS INDICATED REPRESENT DESIGN INTENT AND SHOULD BE INFORMATION CORRECTED BY ANY CONTRACTOR. CONSTITUTE ACCEPTANCE OF THE EXISTING CONDITIONS. CONTRACTOR TO NOTIFY ARCHITECT AND CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH ANY WORK.
 - D. ALL WORK TO BE PERFORMED IN AN APPROVED WORKMANLIKE MANNER AND SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES & REGULATORY AGENCIES.
 - E. THE SPECIFICATIONS ARE AN INTEGRAL PART OF THE CONSTRUCTION DOCUMENTS - ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
 - F. ALL WALLS ARE DIMENSIONED TO FACE OF CONSTRUCTION UNLESS NOTED OTHERWISE.
 - G.
 - H. FOR REFERENCE, ELEVATIONS ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVDAS). ARCHITECTURAL ELEVATION OF 0'-0" = DATUM ELEVATION OF 845'-02"


2 CONTINUATION OF BASEMENT
1/16" = 1'-0"



**UHLEIN/WILSON
MOODY/NOLAN**

Consultant:

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Division of Facilities Development

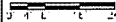


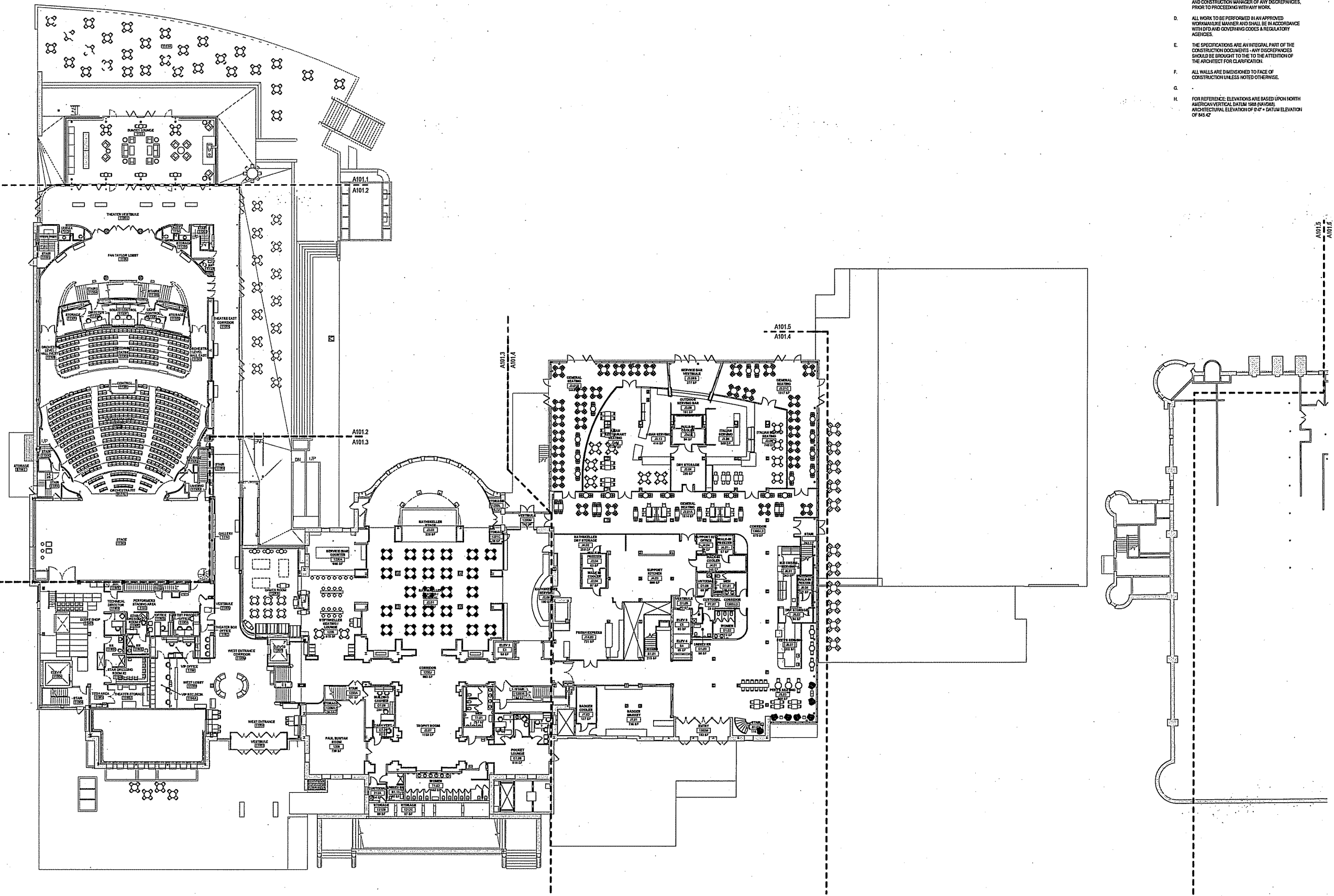
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BASEMENT OVERALL

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| Date Issued | 11/29/2013 |
| Sheet Number | A100 |



- GENERAL NOTES**
- A. INTERIOR EXPANSION JOINT DETAILS ARE ON SHEET A107
 - B. COORDINATE DIMENSIONS FOR EQUIPMENT SUPPORTS, WALL, FLOOR OR ROOF OPENINGS WITH APPLICABLE TRADE CONTRACTORS PRIOR TO CONCRETE PLACEMENT OR STEEL FABRICATION.
 - C. FIELD VERIFY ALL DIMENSIONS PRIOR TO BEGINNING WORK OR FABRICATING UNITS. DIMENSIONS INDICATED REPRESENT DESIGN INTENT AND SECOND INFORMATION. COMMENCEMENT OF WORK BY ANY CONTRACTOR CONSTITUTES ACCEPTANCE OF THE EXISTING CONDITIONS. CONTRACTOR TO NOTIFY ARCHITECT AND CONSTRUCTION MANAGER OF ANY DISCREPANCIES, PRIOR TO PROCEEDING WITH ANY WORK.
 - D. ALL WORK TO BE PERFORMED IN AN APPROVED WORKMANLIKE MANNER AND SHALL BE IN ACCORDANCE WITH DFD AND GOVERNING CODES & REGULATORY AGENCIES.
 - E. THE SPECIFICATIONS ARE AN INTEGRAL PART OF THE CONSTRUCTION DOCUMENTS - ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
 - F. ALL WALLS ARE DIMENSIONED TO FACE OF CONSTRUCTION UNLESS NOTED OTHERWISE.
 - G.
 - H. FOR REFERENCE, ELEVATIONS ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAD83) ARCHITECTURAL ELEVATION OF 0'-0" DATUM ELEVATION OF 845.42

**UTHEIN WILSON
MOODY-NOLAN**

Consultant:

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Department of Administration
Division of Facilities Development



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FIRST FLOOR - OVERALL

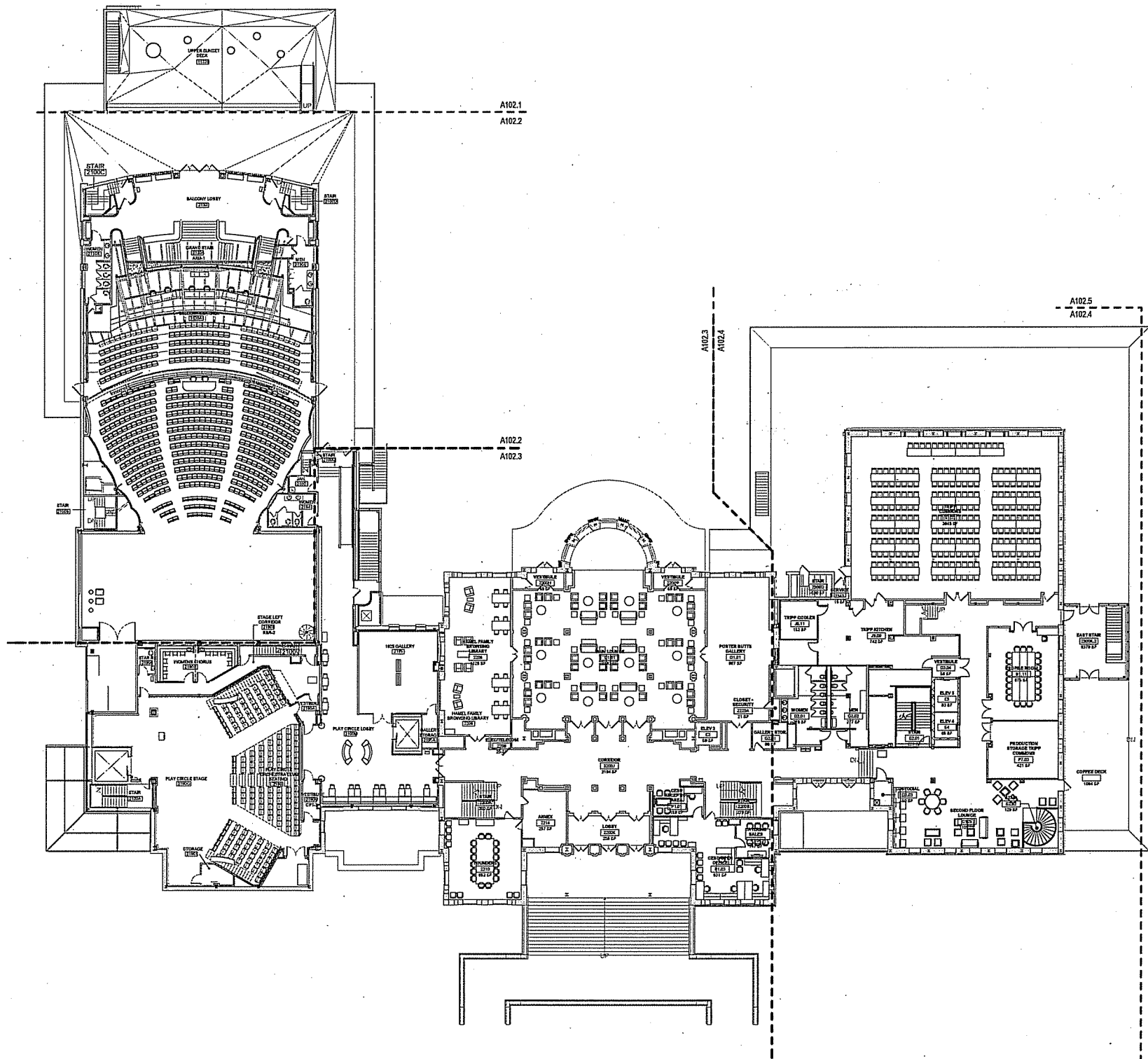
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| Set Type | PR |
| Date Issued | 11/29/2013 |
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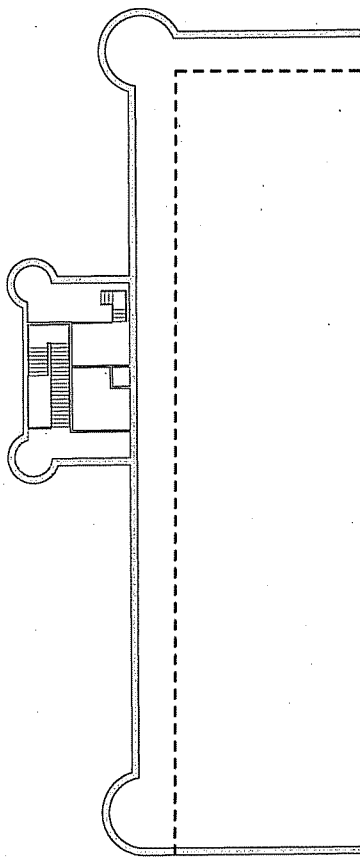


① FIRST FLOOR - NEW - OVERALL
1/16" = 1'-0"



SECOND FLOOR - NEW - OVERALL
1/16" = 1'-0"

- GENERAL NOTES**
- A. INTERIOR EXPANSION JOINT DETAILS ARE ON SHEET A107
 - B. COORDINATE DIMENSIONS FOR EQUIPMENT SUPPORTS, WALL, FLOOR OR ROOF OPENINGS WITH APPLICABLE TRADE CONTRACTORS PRIOR TO CONCRETE PLACEMENT OR STEEL FABRICATION.
 - C. FIELD VERIFY ALL DIMENSIONS PRIOR TO BEGINNING WORK OR FABRICATING UNITS. DIMENSIONS INDICATED REPRESENT DESIGN INTENT AND SHOULD BE OBSERVED. COMMENCEMENT OF WORK BY ANY CONTRACTOR CONSTITUTES ACCEPTANCE OF THE EXISTING CONDITIONS. CONTRACTOR TO NOTIFY ARCHITECT AND CONSTRUCTION MANAGER OF ANY DISCREPANCIES, PRIOR TO PROCEEDING WITH ANY WORK.
 - D. ALL WORK TO BE PERFORMED IN AN APPROVED WORKMANLIKE MANNER AND SHALL BE IN ACCORDANCE WITH OPRD AND GOVERNING CODES & REGULATORY AGENCIES.
 - E. THE SPECIFICATIONS ARE AN INTEGRAL PART OF THE CONSTRUCTION DOCUMENTS - ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
 - F. ALL WALLS ARE DIMENSIONED TO FACE OF CONSTRUCTION UNLESS NOTED OTHERWISE.
 - G.
 - H. FOR REFERENCE ELEVATIONS ARE BASED UPON NORTH AMERICAN VERTICAL DATUM (NAVD83) ARCHITECTURAL ELEVATION OF 0'-0" DATUM ELEVATION OF 845.42



**WILHELM/WILSON
MOODY-NOLAN**

Consultant:

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SECOND FLOOR OVERALL

Revisions:

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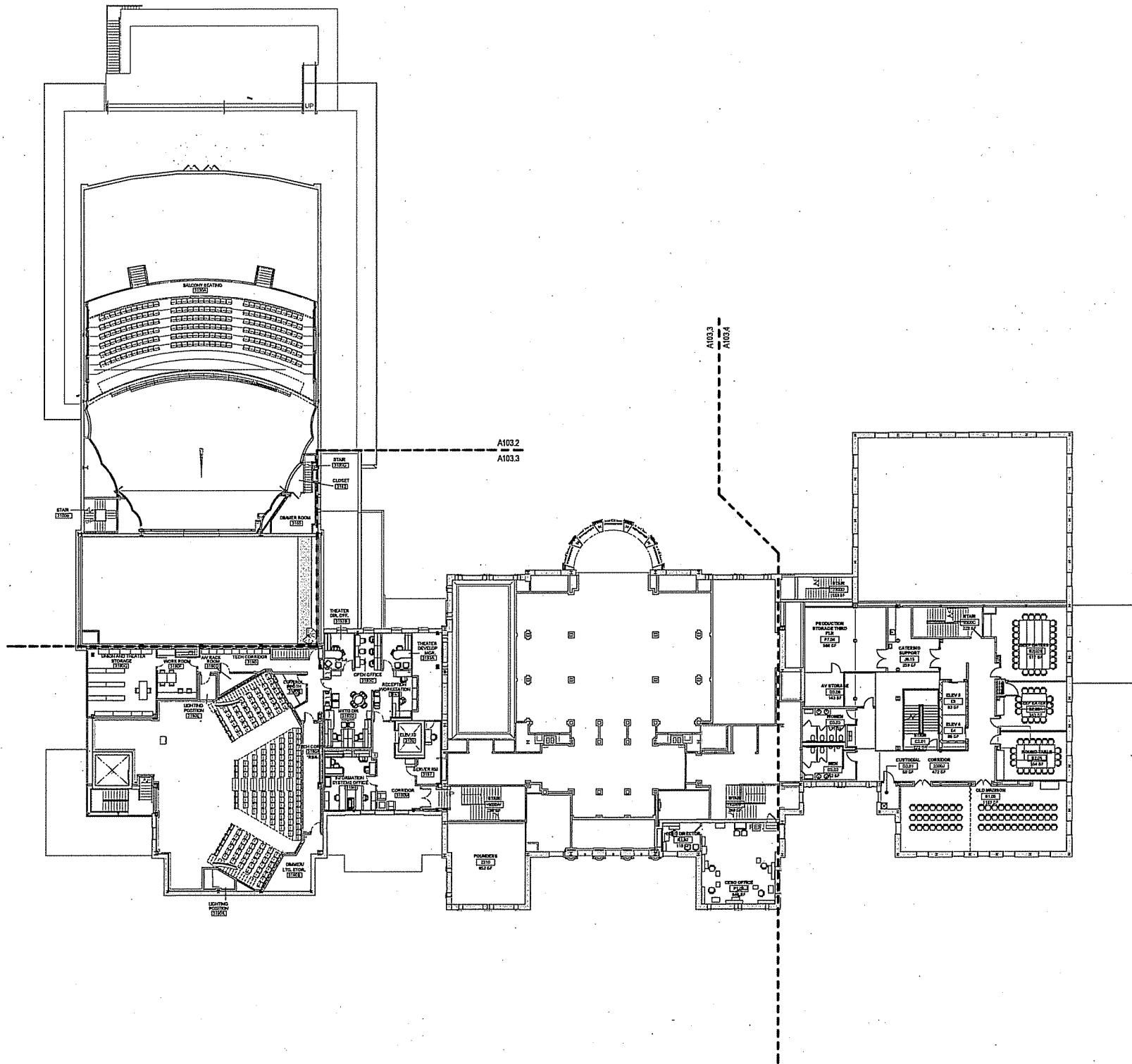
DSF Number: 09K1K-01

Set Type: PR

Date Issued: 11/29/2013

Sheet Number: A102






- GENERAL NOTES**
- A. INTERIOR EXPANSION JOINT DETAILS ARE ON SHEET A107
 - B. COORDINATE DIMENSIONS FOR EQUIPMENT SUPPORTS, WALL, FLOOR OR ROOF OPENINGS WITH APPLICABLE TRADE CONTRACTORS PRIOR TO CONCRETE PLACEMENT OR STEEL FABRICATION.
 - C. FIELD VERIFY ALL DIMENSIONS PRIOR TO BEGINNING WORK OR FABRICATING LIMITS. DIMENSIONS INDICATED REPRESENT DESIGN INTENT AND SOURCE INFORMATION. COMMENCEMENT OF WORK BY ANY CONTRACTOR CONSTITUTES ACCEPTANCE OF THE EXISTING CONDITIONS. CONTRACTOR TO NOTIFY ARCHITECT AND CONSTRUCTION MANAGER OF ANY DISCREPANCIES, PRIOR TO PROCEEDING WITH ANY WORK.
 - D. ALL WORK TO BE PERFORMED IN AN APPROVED WORKMANSHIP MANNER AND SHALL BE IN ACCORDANCE WITH DFD AND COVERING CODES & REGULATORY AGENCIES.
 - E. THE SPECIFICATIONS ARE AN INTEGRAL PART OF THE CONSTRUCTION DOCUMENTS - ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
 - F. ALL WALLS ARE DIMENSIONED TO FACE OF CONSTRUCTION UNLESS NOTED OTHERWISE.
 - G.
 - H. FOR REFERENCE: ELEVATIONS ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1985 (NAVD83). ARCHITECTURAL ELEVATION OF 0' = DATUM ELEVATION OF 845.42'

**WILHELM/WILSON
MOODY/NOLAN**

Consultant:

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THIRD FLOOR OVERALL

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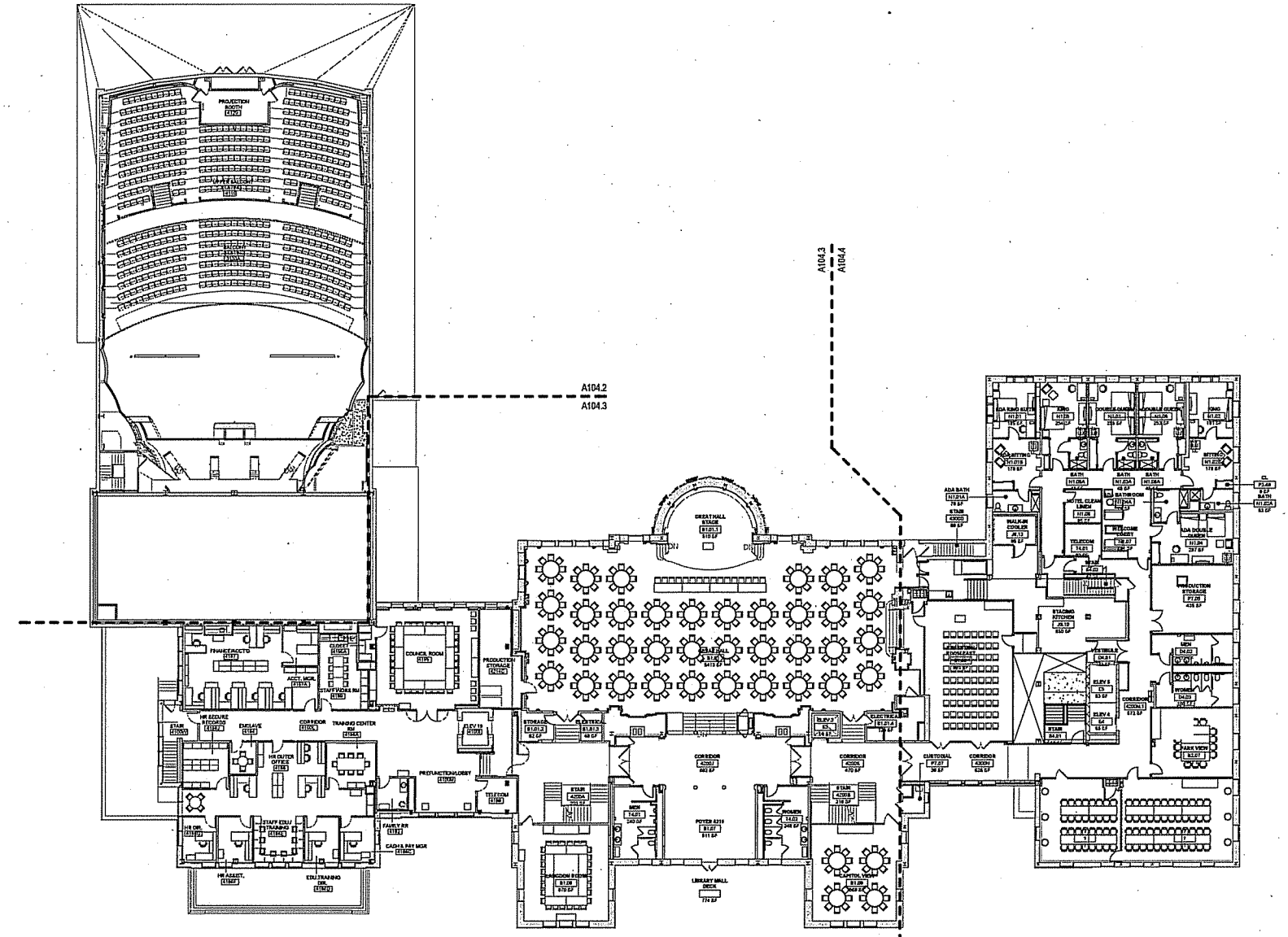
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① THIRD FLOOR - NEW
1/16" = 1'-0"

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- GENERAL NOTES
- A. INTERIOR EXPANSION JOINT DETAILS ARE ON SHEET A107
 - B. COORDINATE DIMENSIONS FOR EQUIPMENT SUPPORTS, WALL, FLOOR OR ROOF OPENINGS WITH APPLICABLE TRADE CONTRACTORS PRIOR TO CONCRETE PLACEMENT OR STEEL FABRICATION.
 - C. FIELD VERIFY ALL DIMENSIONS PRIOR TO BEGINNING WORK OR FABRICATING UNITS. DIMENSIONS INDICATED REPRESENT DESIGN INTENT AND DESIGN INFORMATION. COMMENCEMENT OF WORK BY ANY CONTRACTOR CONSTITUTES ACCEPTANCE OF THE EXISTING CONDITIONS. CONTRACTOR TO NOTIFY ARCHITECT AND CONSTRUCTION MANAGER OF ANY DISCREPANCIES, PRIOR TO PROCEEDING WITH ANY WORK.
 - D. ALL WORK TO BE PERFORMED IN AN APPROVED WORKMANLIKE MANNER AND SHALL BE IN ACCORDANCE WITH DFD AND GOVERNING CODES & REGULATORY AGENCIES.
 - E. THE SPECIFICATIONS ARE AN INTEGRAL PART OF THE CONSTRUCTION DOCUMENTS - ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
 - F. ALL WALLS ARE DIMENSIONED TO FACE OF CONSTRUCTION UNLESS NOTED OTHERWISE.
 - G.
 - H. FOR REFERENCE ELEVATIONS ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 DATUM. ARCHITECTURAL ELEVATION OF 2'-0" = DATUM ELEVATION OF 845'-0"

**UTILEIN WILSON
MOODY-NOLAN**

Consultant:

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Division of Facilities Development



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University of Wisconsin - Madison
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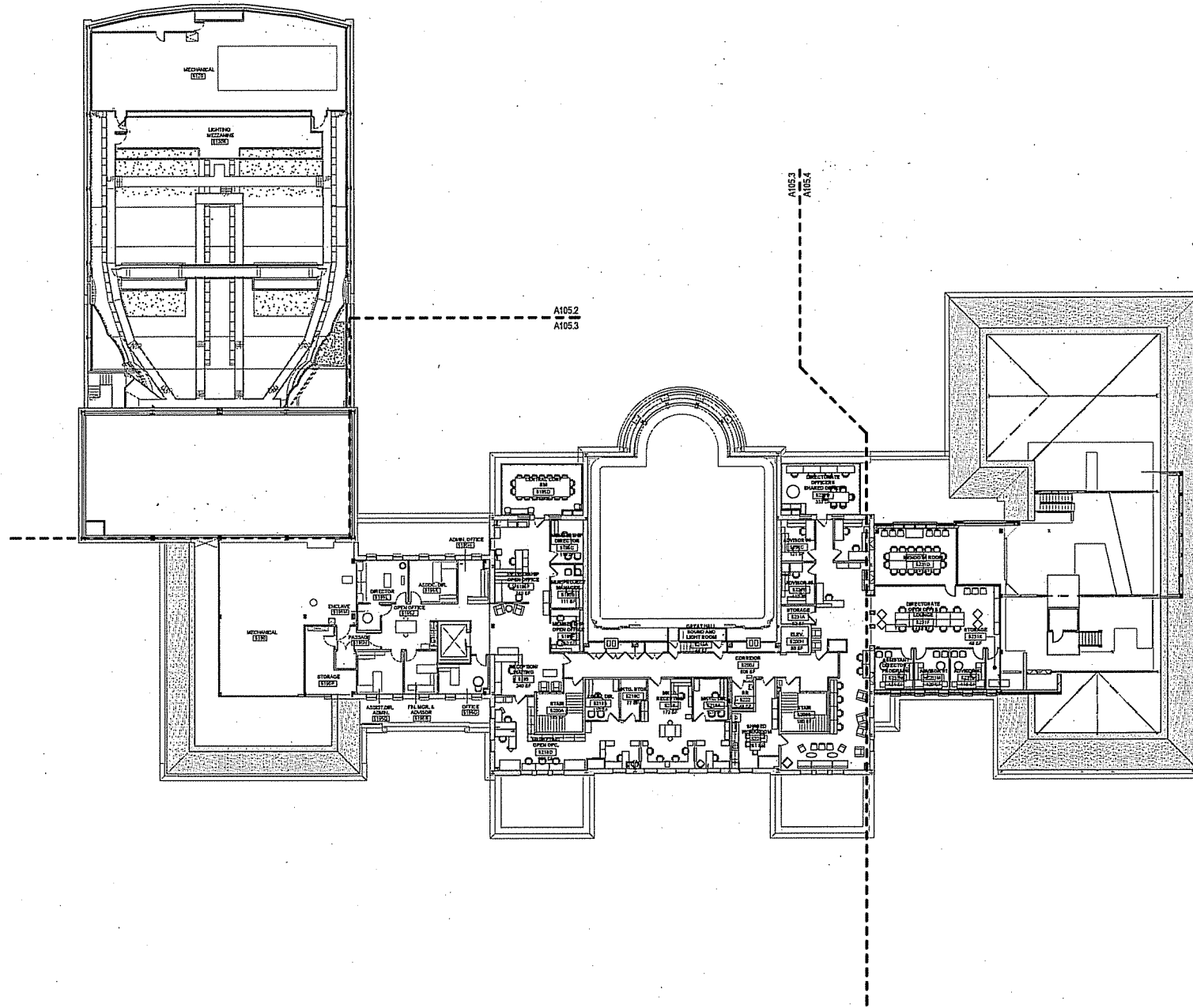
FOURTH FLOOR OVERALL

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| Sheet Number | A104 |

① FOURTH FLOOR - NEW - OVERALL
1/16" = 1'-0"





GENERAL NOTES

- A. INTERIOR EXPANSION JOINT DETAILS ARE ON SHEET A107
- B. COORDINATE DIMENSIONS FOR EQUIPMENT SUPPORTS, WALL, FLOOR OR ROOF OPENINGS WITH APPLICABLE TRADE CONTRACTORS PRIOR TO CONCRETE PLACEMENT OR STEEL FABRICATION.
- C. FIELD VERIFY ALL DIMENSIONS PRIOR TO BEGINNING WORK ON FABRICATING UNITS. DIMENSIONS INDICATED REPRESENT DESIGN INTENT AND BIDDING INFORMATION. COMMENCEMENT OF WORK BY ANY CONTRACTOR CONSTITUTES ACCEPTANCE OF THE EXISTING CONDITIONS. CONTRACTOR TO NOTIFY ARCHITECT AND CONSTRUCTION MANAGER OF ANY DISCREPANCIES, PRIOR TO PROCEEDING WITH ANY WORK.
- D. ALL WORK TO BE PERFORMED IN AN APPROVED WORKMANLIKE MANNER AND SHALL BE IN ACCORDANCE WITH IBC AND GOVERNING CODES & REGULATORY AGENCIES.
- E. THE SPECIFICATIONS ARE AN INTEGRAL PART OF THE CONSTRUCTION DOCUMENTS - ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
- F. ALL WALLS ARE DIMENSIONED TO FACE OF CONSTRUCTION UNLESS NOTED OTHERWISE.
- G. -
- H. FOR REFERENCE, ELEVATIONS ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD85). ARCHITECTURAL ELEVATION OF 0'0" = DATUM ELEVATION OF 445.42'

J. HEILEIN/WILSON
 MOODY-NOLAN

Consultant:

State of Wisconsin
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FIFTH FLOOR OVERALL

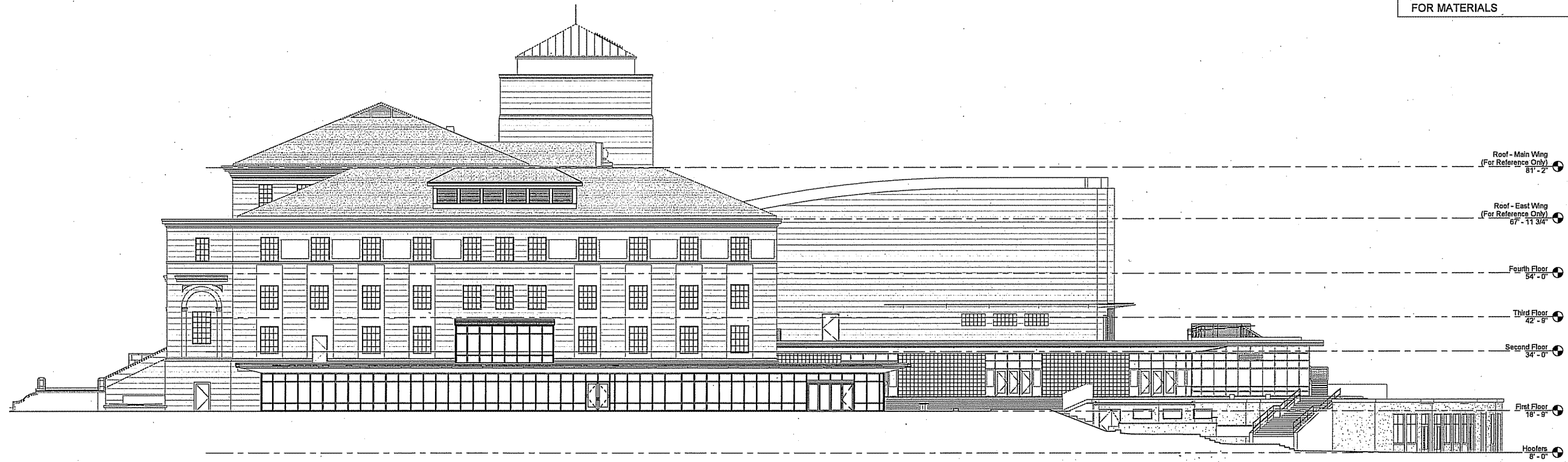
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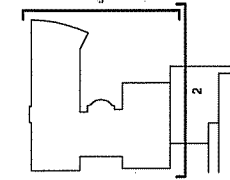


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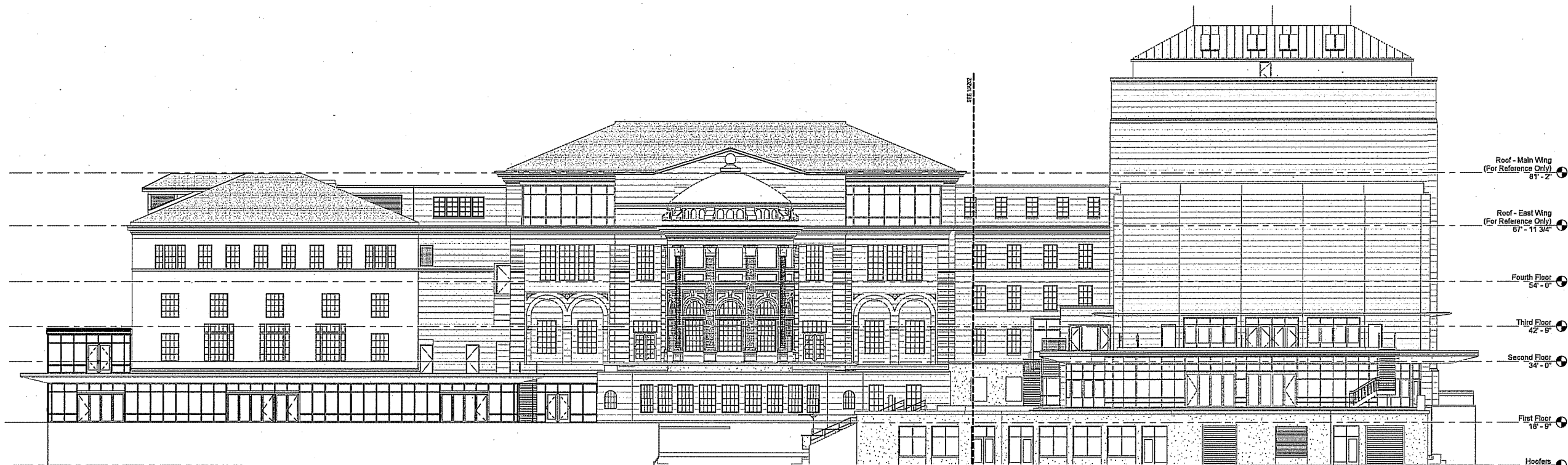


2 OVERALL EAST ELEVATION
3/32" = 1'-0"



KEY PLAN
NOTE: SEE 1/8" ELEVATIONS FOR MATERIALS

- Roof - Main Wing (For Reference Only) 81'-2"
- Roof - East Wing (For Reference Only) 67'-11 3/4"
- Fourth Floor 54'-0"
- Third Floor 42'-9"
- Second Floor 34'-0"
- First Floor 16'-9"
- Hoofers 6'-0"




1 OVERALL NORTH ELEVATION
3/32" = 1'-0"

- Roof - Main Wing (For Reference Only) 81'-2"
- Roof - East Wing (For Reference Only) 67'-11 3/4"
- Fourth Floor 54'-0"
- Third Floor 42'-9"
- Second Floor 34'-0"
- First Floor 16'-9"
- Hoofers 6'-0"

**WILHELM WILSON
MOODY & NOLAN**

Consultant:

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Division of Facilities Development



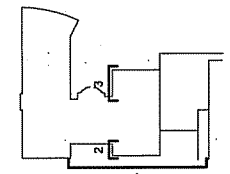
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BUILDING ELEVATIONS - PHASE 2

| Revisions: | | |
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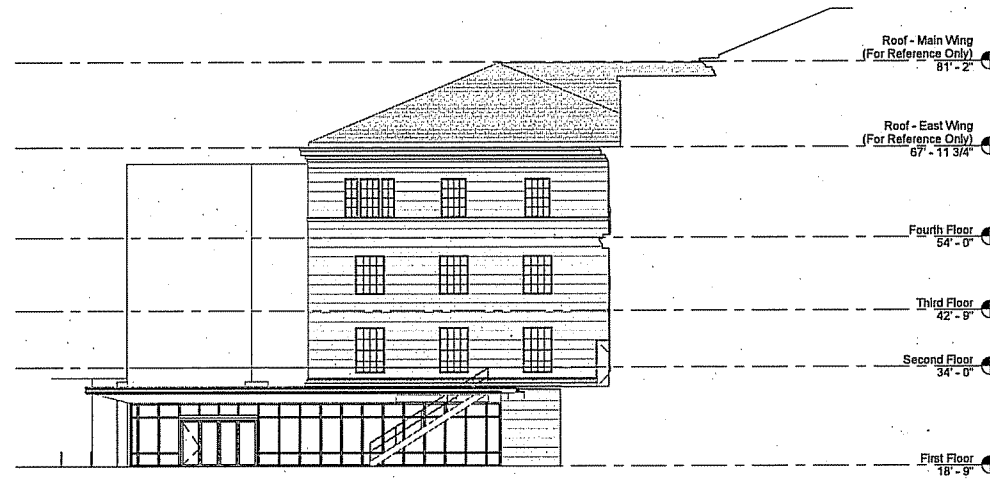


KEY PLAN

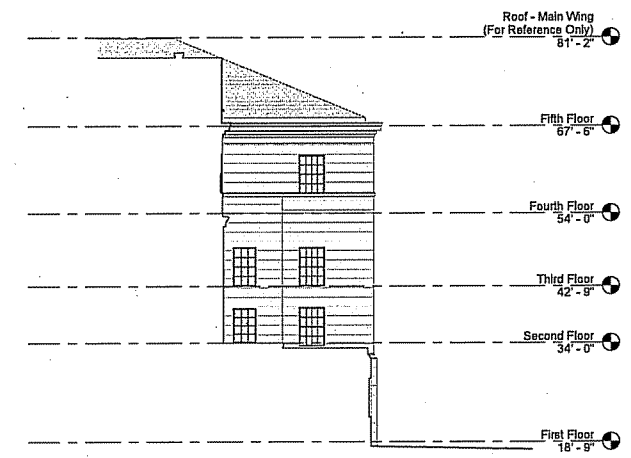
NOTE: SEE 1/8" ELEVATIONS FOR MATERIALS

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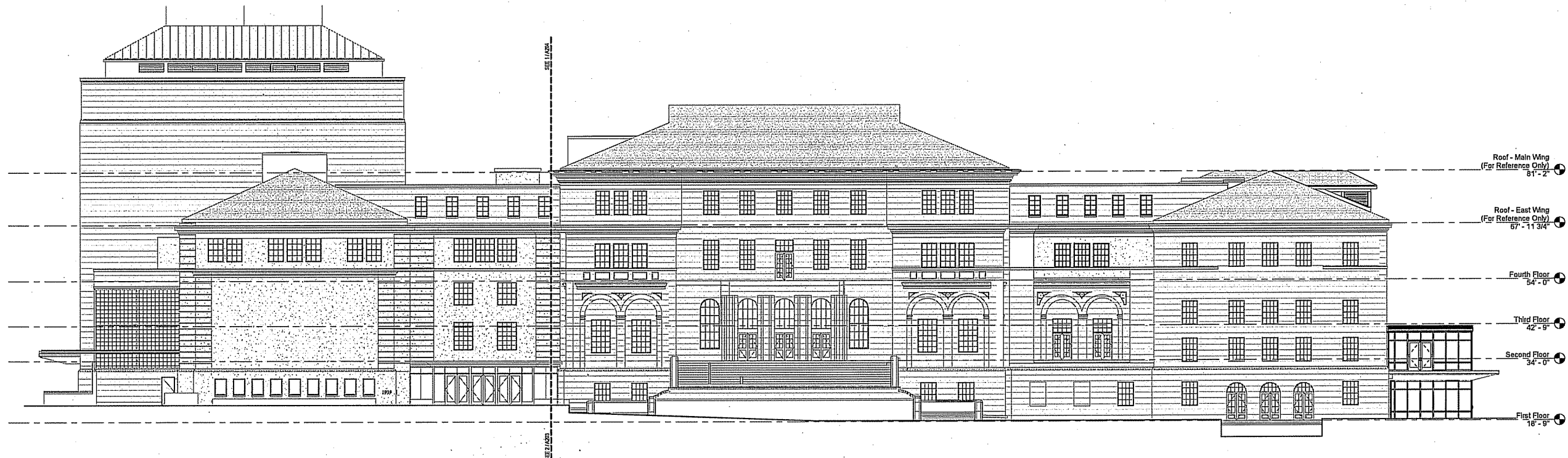
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3 OVERALL PARTIAL WEST ELEVATION
3/32" = 1'-0"



2 OVERALL PARTIAL EAST ELEVATION
3/32" = 1'-0"



1 OVERALL SOUTH ELEVATION
3/32" = 1'-0"

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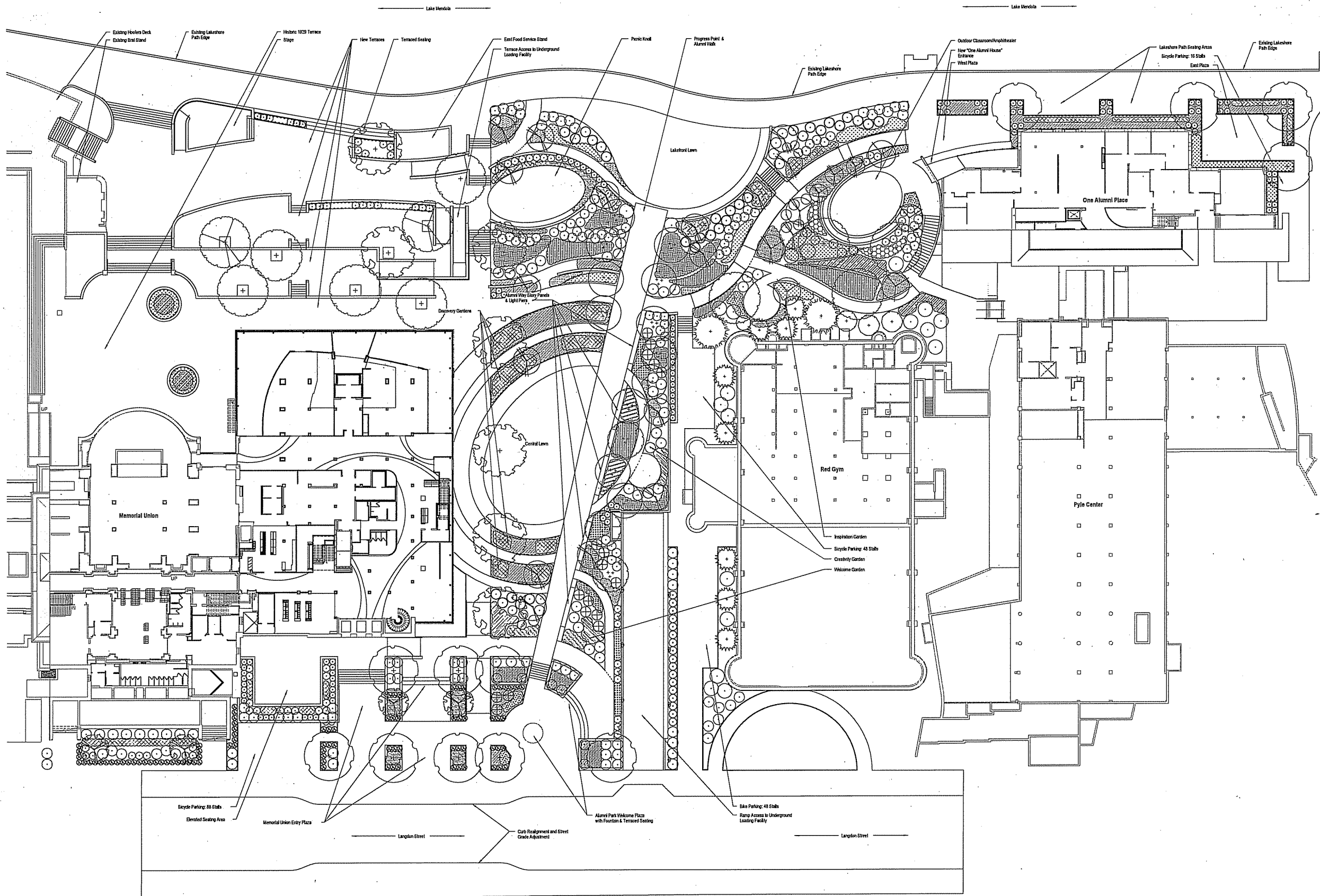
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BUILDING ELEVATIONS - PHASE 2

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| DSF Number | 09K1K-01 |
| Set Type | PR |
| Date Issued | 11/29/2013 |
| Sheet Number | A201 |



**UHLER/WILSON
MOODY+NOLAN**
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MADISON, WI 53703
608.251.1177
www.smithgroupj jr.com

State of Wisconsin
Department of Administration
Division of Facilities Development

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Wisconsin Union Redevelopment
Project Phase II / Alumni Park
University of Wisconsin - Madison
Madison, Wisconsin
Site Plan

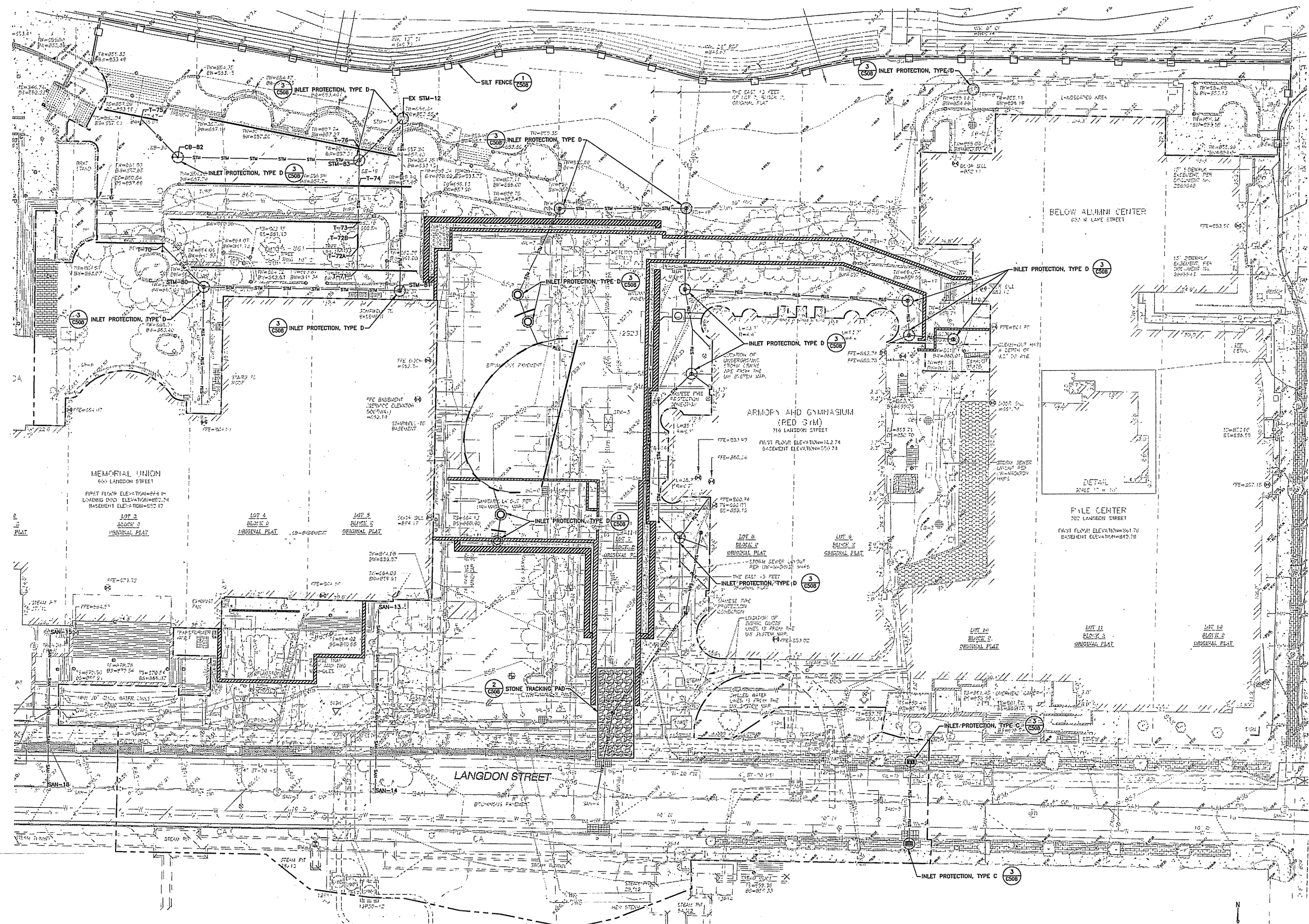
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Sheet Number: C100



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| Sheet Number | C101 |



LEGEND:

- PROJECT BOUNDARY
- SILT FENCE
- INLET PROTECTION
- STONE TRACKING PAD

NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR CONTACTING DIGGERS HOTLINE AND APPROPRIATE UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO ANY CONSTRUCTION.
2. ALL EXISTING CATCH BASINS, INLETS AND MANHOLES NOT CALLED OUT TO BE REMOVED SHALL BE PROTECTED.
3. ALL PROPOSED CATCH BASINS, INLETS AND MANHOLES SHALL BE PROTECTED IMMEDIATELY AFTER INSTALLATION.
4. INLETS OUTSIDE THE PROJECT LIMITS IN THE PROJECT VICINITY TO RECEIVE GEOTEXTILE FABRIC INLET PROTECTION.
5. CONTRACTOR TO INSPECT BMPs ONCE PER WEEK AND AFTER ANY RAINFALL EVENT. MAINTAIN OR REPLACE BMPs AS NECESSARY TO BE SURE THEY ARE SERVING THE INTENDED PURPOSE.
6. IF PAVEMENT REMOVAL IS NECESSARY WITHIN THE STAGING AREA, TRACKING PADS ARE REQUIRED.
7. STONE TRACKING PAD SHALL BE PLACED AT ALL EGRESS POINTS. THE TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT AND A MINIMUM OF 50 FEET LONG.

EROSION CONTROL SEQUENCING:

1. INSTALL SILT FENCE, STONE TRACKING PADS, INLET PROTECTION, PERFORM ROUGH GRADING AND OTHER MEASURES REQUIRED FOR PERMIT AND EROSION CONTROL PLAN COMPLIANCE TO SERVE DISTURBED AREAS.
2. CONSTRUCT UNDERGROUND UTILITIES AND PERFORM EARTHWORK OPERATIONS. PROVIDE INLET PROTECTION ON ALL EXISTING AND NEWLY CONSTRUCTED INLETS UNTIL SITE IS STABILIZED. MAINTAIN EROSION CONTROL FACILITIES AND CONSTRUCT ADDITIONAL FACILITIES AS REQUIRED TO CONTROL SEDIMENT DISCHARGE IN COMPLIANCE WITH WIPES PERMIT. DIVERT RUNOFF AWAY FROM OPEN TRENCHES.
3. CONSTRUCT CURB AND GUTTER, BASE COURSE AND PAVEMENT.
4. REMOVE ACCUMULATED SEDIMENT FROM BMPs.
5. FINAL GRADE, PLACE TOPSOIL, SEED, AND STABILIZE ALL AREAS TO BE VEGETATED.
6. REMOVE TEMPORARY EROSION CONTROL MEASURES AFTER SITE STABILIZATION HAS BEEN ACHIEVED.
7. CONTRACTOR SHALL FILE NOTICE OF TERMINATION WITH DEPARTMENT OF NATURAL RESOURCES UPON FINAL SITE STABILIZATION.
8. CONTRACTOR SHALL COORDINATE EROSION CONTROL INSTALLATION AND MODIFICATIONS WITH THE CONTRACTOR DEVELOPED CONSTRUCTION PHASING PLAN. EROSION CONTROL MEASURES SHALL BE INSTALLED, MAINTAINED AND MODIFIED AS NECESSARY TO OPERATE AS INTENDED DURING EACH PHASE OF CONSTRUCTION.

FILE # 130622007-0100 Sheet C101 of 111 - PR EROS.dwg (SEP:10/13) DATE: 11/19/13 TIME: 11:26 AM

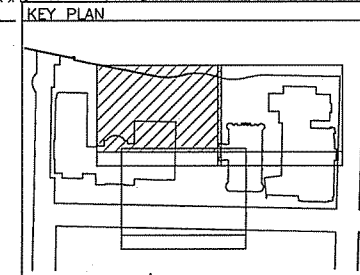




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LEGEND AND KEYNOTES:

- | | | |
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| <ul style="list-style-type: none"> 10 REMOVE CURB AND GUTTER 11 UTILITY AND STRUCTURE DEMOLITION 12 ASPHALT PAVEMENT REMOVAL 13 CONCRETE PAVEMENT REMOVAL 14 PAVER REMOVAL 15 EXISTING OAKS AND HONEYLOCUST IN HISTORIC TERRACE ARE TO REMAIN ON SITE AND BE PROTECTED. SPECIAL CARE SHALL BE TAKEN TO PROTECT TREE TRUNKS AND CANOPY AND MINIMIZE USE OF MAJOR EQUIPMENT IN TERRACE AROUND TREE ROOTS. CONTRACTOR TO SUBMIT WORK PLAN AND TREE PROTECTION PLAN TO LANDSCAPE ARCHITECT AND BRUCE ALLISON FOR REVIEW AND APPROVAL PRIOR TO BEGINNING WORK. | <ul style="list-style-type: none"> 16 TREE GRATES TO BE SALVAGED AND RETURNED TO OWNER. 17 CLAY PAVERS TO BE SALVAGED AND RETURNED TO OWNER. CLEAN PAVERS AND PALLIATIZE AND DELIVER TO OWNER DESIGNATED STORAGE FACILITY ON CAMPUS. 18 EXISTING PLANTER WALL STONE IS TO BE REUSED FOR REBUILDING PLANTERS IN SITE. CAREFULLY REMOVE AND CLEAN STONE. MINIMIZE DISTURBANCE TO TREE ROOTS AND PLANTING SOIL IN PLANTERS. 19 CONCRETE WALLS, WALL CAPS AND PAVEMENT TO BE REMOVED. 20 SIGN TO BE SALVAGED AND RETURNED TO OWNER. 21 WOOD DONOR BENCHES TO BE SALVAGED FOR REUSE ON SITE. SEE DETAILS. 22 ALL SITE LIGHTING TO BE REMOVED. | <ul style="list-style-type: none"> 23 TRENCH DRAINS AND UNDERGROUND PIPING TO BE REMOVED. 24 ALL TREES AND VEGETATION WITHIN PROJECT LIMITS SHALL BE REMOVED UNLESS OTHERWISE NOTED. 25 FOLDING CHAIRS TO BE TURNED OVER TO OWNER. 26 AREA WELLS TO BE PROTECTED. SEE STRUCTURAL PLANS FOR DETAILS. 27 EGRESS STAIR TO BE REMOVED. 28 ALL PARKING SIGNS, METERS AND EXISTING BIKE RACKS TO BE RETURNED TO OWNER. 29 PRIMARY VAULT TO BE REMOVED. SEE ELECTRICAL DRAWINGS. |
|---|---|--|



**UHLER/WILSON
MOODY-NOLAN**

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Department of Administration
Division of Facilities Development
 800 Langdon St.
Madison, WI 53706

Wisconsin Union Redevelopment
Project - Phase II/Alumni Park
University of Wisconsin - Madison
Madison, Wisconsin
Demolition Plan

| Revisions: | | |
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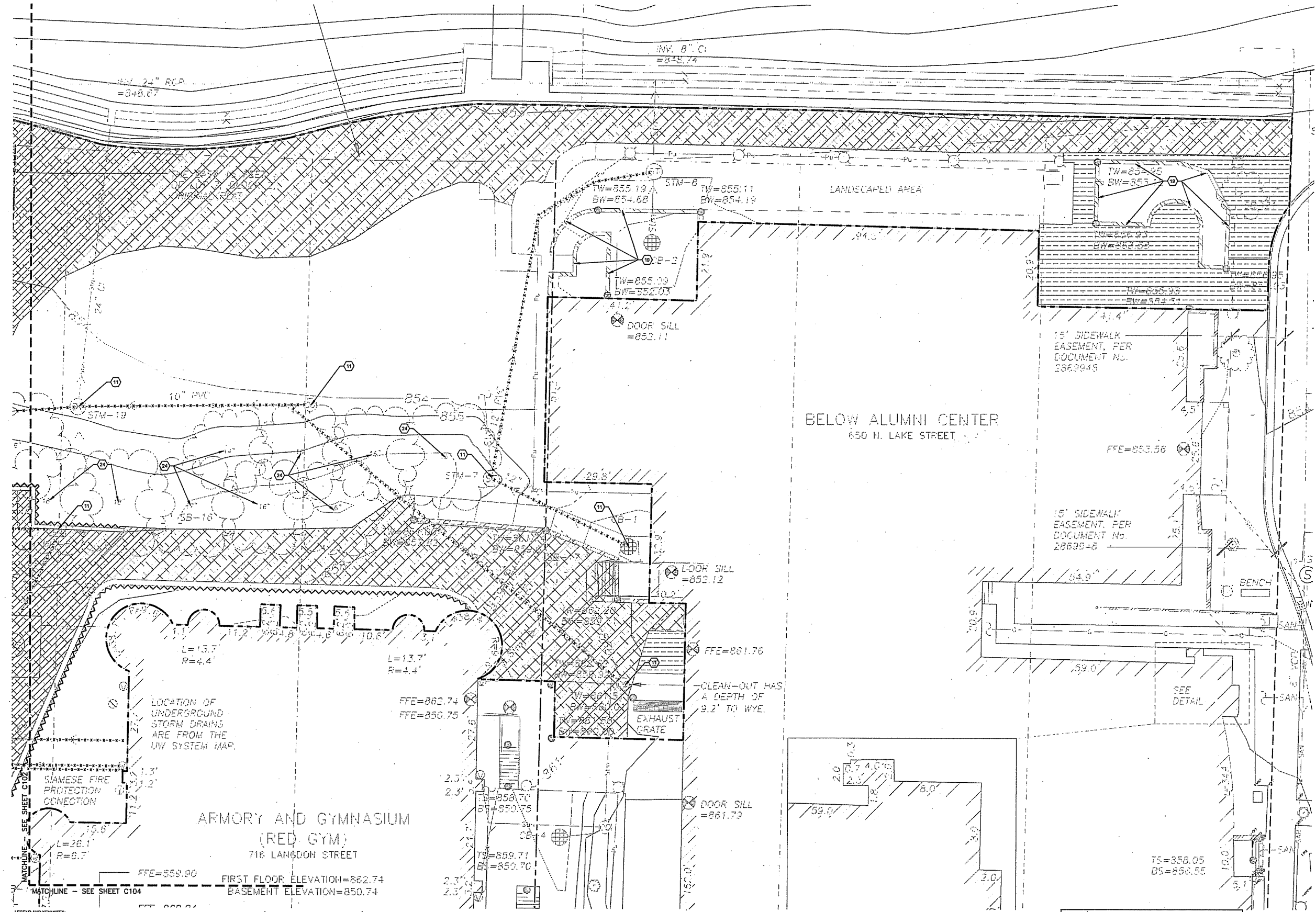
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Set Type: PR
Date Issued: 11/29/2013
Sheet Number: **C102**



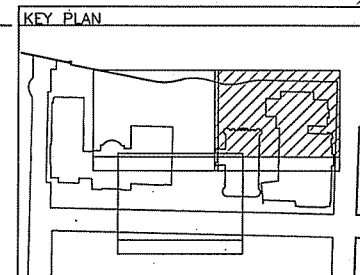
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| Set Type | PR |
| Date Issued | 11/29/2013 |
| Sheet Number | C103 |



- LEGEND AND REMARKS:
- 10 REMOVE CURB AND CUTTER
 - 11 UTILITY AND STRUCTURE DEMOLITION
 - 12 ASPHALT PAVEMENT REMOVAL
 - 13 CONCRETE PAVEMENT REMOVAL
 - 14 PAVEMENT REMOVAL
 - 15 EXISTING OAKS AND HONEYLOCUST IN HISTORIC TERRACE ARE TO REMAIN ON SITE AND BE PROTECTED. SPECIAL CARE SHALL BE TAKEN TO PROTECT TREE TRUNKS AND CANOPY AND MINIMIZE USE OF MAJOR EQUIPMENT IN TERRACE AROUND TREE ROOTS. CONTRACTOR TO SUBMIT WORK PLAN AND TREE PROTECTION PLAN TO LANDSCAPE ARCHITECT AND BRUCE ALLISON FOR REVIEW AND APPROVAL PRIOR TO BEGINNING WORK.
 - 16 TREE GRATES TO BE SALVAGED AND RETURNED TO OWNER.
 - 17 CLAY PAVERS TO BE SALVAGED AND RETURNED TO OWNER. CLEAN PAVERS AND FALZLIZE AND DELIVER TO OWNER DESIGNATED STORAGE FACILITY ON CAMPUS.
 - 18 EXISTING PLANTER WALL STONE IS TO BE REUSED FOR REBUILDING PLANTERS IN SITU. CAREFULLY REMOVE AND CLEAN STONE. MINIMIZE DISTURBANCE TO TREE ROOTS AND PLANTING SOIL IN PLANTERS.
 - 19 CONCRETE WALLS, WALL CAPS AND PAVEMENT TO BE REMOVED.
 - 20 SIGN TO BE SALVAGED AND RETURNED TO OWNER.
 - 21 WOOD DONOR BENCHES TO BE SALVAGED FOR REUSE ON SITE. SEE DETAILS.
 - 22 ALL SITE LIGHTING TO BE REMOVED.
 - 23 TRENCH DRAINS AND UNDERGROUND PIPING TO BE REMOVED.
 - 24 ALL TREES AND VEGETATION WITHIN PROJECT LIMITS SHALL BE REMOVED UNLESS OTHERWISE NOTED.
 - 25 FOLDING CHAIRS TO BE TURNED OVER TO OWNER.
 - 26 AREA WELLS TO BE PROTECTED. SEE STRUCTURAL PLANS FOR DETAILS.
 - 27 EGRESS STAIR TO BE REMOVED.
 - 28 ALL PARKING SIGNS, METERS AND EXISTING BIKE RACKS TO BE RETURNED TO OWNER.
 - 29 PRIMARY VAULT TO BE REMOVED. SEE ELECTRICAL DRAWINGS.



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MATCHLINE - SEE SHEET C102

MATCHLINE - SEE SHEET C103

FIRST FLOOR ELE
BASEMENT ELE

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34.16
62.34
2.13

**LOT 4
BLOCK 2
ORIGINAL PLAT**
SS-BASEMENT

**LOT 5
BLOCK 2
ORIGINAL PLAT**

DOOR SILL
=864.17

TW=264.06
SA=859.57

TW=264.09
SA=859.91

FFE=864.16

FFE=859.90

FFE=860.34

FFE=860.74
TS=860.83
BS=859.19

**LOT 8
BLOCK 2
ORIGINAL PLAT**

STORM SEWER LAYOUT
PER UW-MADISON M

THE EAST 15 FEET
OF LOT 7, BLOCK 2,
ORIGINAL PLAT

11.7'
SIAMESE FIRE
PROTECTION
CONNECTION

LOCATION OF
SIGNAL DUCTS
LINES IS FROM THE
UW SYSTEM MAP.

FFE=856



UTHELEN/WILSON
MOODY/NOLAN

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State of Wisconsin
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Division of Facilities Development
800 Langdon St.
Madison, WI 53706

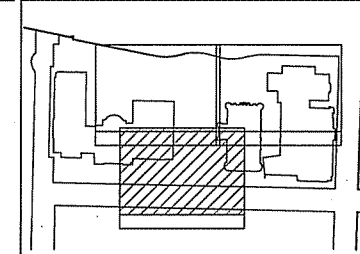
Wisconsin Union Redevelopment
Project - Phase II/Alumni Park
University of Wisconsin - Madison
Madison, Wisconsin
Demolition Plan

| Rev. | Date | Description |
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LEGEND AND KEYNOTES:

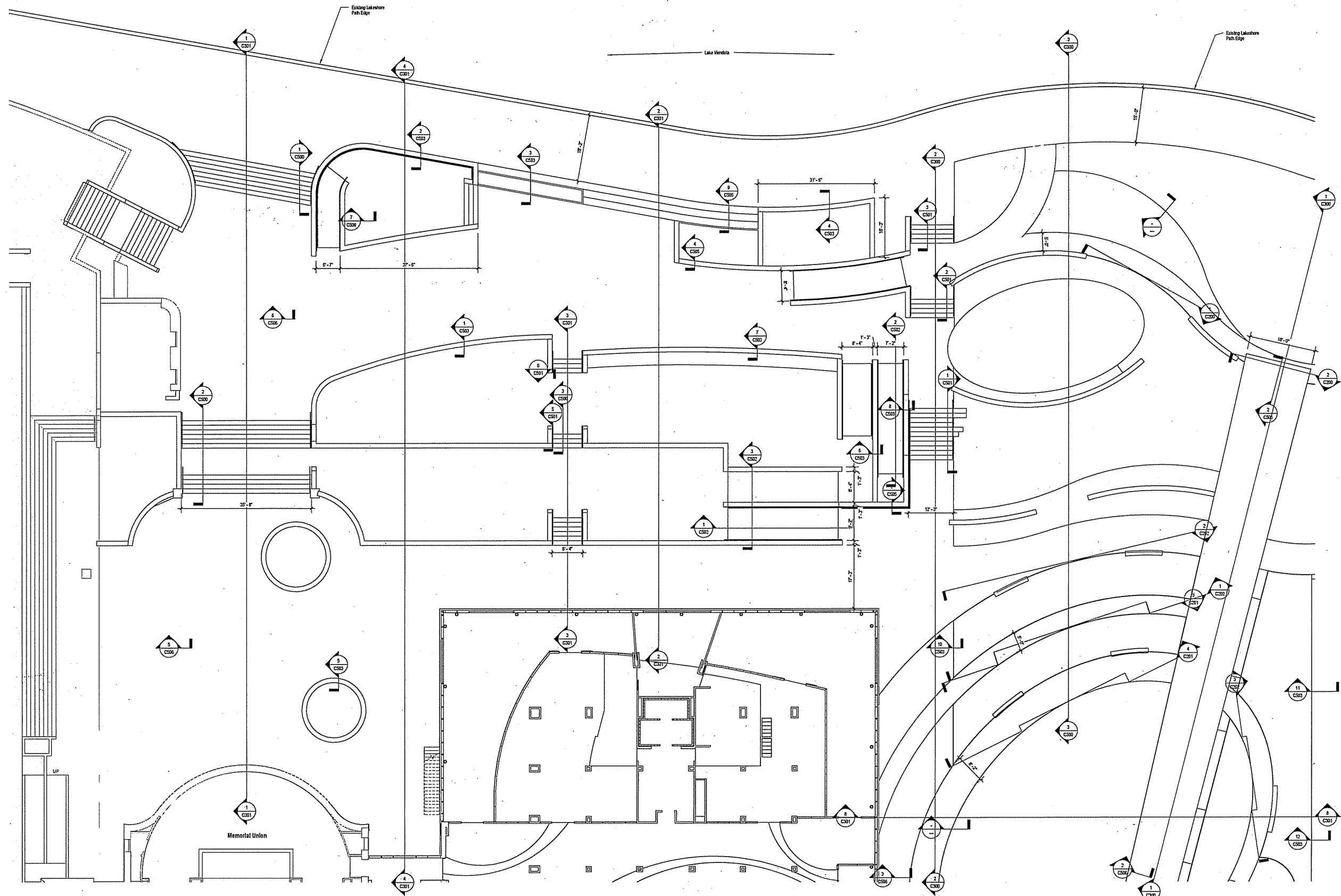
- (1) REMOVE CURB AND GUTTER
- (2) UTILITY AND STRUCTURE DEMOLITION
- (3) ASPHALT PAVEMENT REMOVAL
- (4) CONCRETE PAVEMENT REMOVAL
- (5) PAVEMENT REMOVAL
- (6) EXISTING OAKS AND HONEYLOCUST IN HISTORIC TERRACE ARE TO REMAIN ON SITE AND BE PROTECTED. SPECIAL CARE SHALL BE TAKEN TO PROTECT TREE TRUNKS AND CANOPY AND MINIMIZE USE OF MAJOR EQUIPMENT IN TERRACE AROUND TREE ROOTS. CONTRACTOR TO SUBMIT WORK PLAN AND TREE PROTECTION PLAN TO LANDSCAPE ARCHITECT AND BRUCE ALLISON FOR REVIEW AND APPROVAL PRIOR TO BEGINNING WORK.
- (7) REMOVE CURB AND GUTTER
- (8) TREE GRATES TO BE SALVAGED AND RETURNED TO OWNER.
- (9) CLAY PAVERS TO BE SALVAGED AND RETURNED TO OWNER. CLEAN PAVERS AND PALLIATE AND DELIVER TO OWNER DESIGNATED STORAGE FACILITY ON CAMPUS.
- (10) EXISTING PLANTER WALL STONE IS TO BE REUSED FOR REBUILDING PLANTERS IN SITE. CAREFULLY REMOVE AND CLEAN STONE. MAINTAIN DISTANCE TO TREE ROOTS AND PLANTING SOIL IN PLANTERS.
- (11) CONCRETE WALLS, WALL CAPS AND PAVEMENT TO BE REMOVED.
- (12) SIGN TO BE SALVAGED AND RETURNED TO OWNER.
- (13) WOOD DONOR BENCHES TO BE SALVAGED FOR REUSE ON SITE. SEE DETAILS.
- (14) ALL SITE LIGHTING TO BE REMOVED.
- (15) TRENCH DRAINS AND UNDERGROUND PIPING TO BE REMOVED.
- (16) ALL TREES AND VEGETATION WITHIN PROJECT LIMITS SHALL BE REMOVED UNLESS OTHERWISE NOTED.
- (17) FOLDING CHAIRS TO BE TURNED OVER TO OWNER.
- (18) AREA WELLS TO BE PROTECTED. SEE STRUCTURAL PLANS FOR DETAILS.
- (19) EGRESS STAIR TO BE REMOVED.
- (20) ALL PARKING SIGNS, METERS AND EXISTING BICYCLE RACKS TO BE RETURNED TO OWNER.
- (21) PRIMARY VAULT TO BE REMOVED. SEE ELECTRICAL DRAWINGS.

KEY PLAN

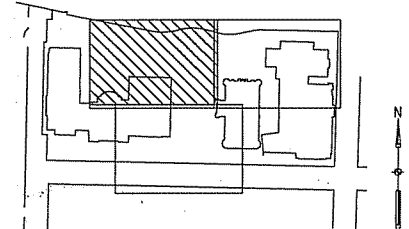


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Know what's below.
Call before you dig.

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- NOTES:**
- CONTRACTOR SHALL CONTACT ENGINEERS HOTLINE AND APPROPRIATE UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO ANY CONSTRUCTION.
 - SEE EXISTING CONDITIONS PLANS C001 FOR LEGEND OF EXISTING FEATURES, PROJECT CONTROL BENCHMARKS, AND CONTROL MONUMENTS.
 - LAYOUT INFORMATION WILL BE PROVIDED TO CONTRACTOR IN ELECTRONIC FORMAT FOR CONSTRUCTION LAYOUT. ALL DIMENSIONS SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY. ANY DISCREPANCIES BETWEEN INFORMATION SHOWN AND CAD FILE SHALL BE BROUGHT TO ENGINEER/LANDSCAPE ARCHITECT'S ATTENTION PRIOR TO CONSTRUCTION.
 - IN ADDITION TO THOSE NOTED ON PLANS, EXPANSION JOINTS SHALL BE LOCATED WHERE CONCRETE PAVEMENT ADJOINS BUILDING FACE AND WALLS WITH FROST FOOTINGS.
 - ALL CURB DIMENSIONS GIVEN TO FACE OF CURB.
 - SEE UTILITY SHEETS C114 - C117 FOR SLEEVES UNDER CONCRETE PAVEMENT.
 - ALL CROSSWALK AND STREET LANE MARKINGS TO BE PAINTED PER SPECIFICATION.
 - SEE SHEETS C118 - C120 FOR SILVA CELL LAYOUT AND DETAILS BELOW FINISHED GRADE.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING AND RESETTING ALL UTILITY CASTINGS IN PAVED AND TURF AREAS PER SPECIFICATIONS (INCLUDING ADJUSTING RINGS AND NORTHS).
 - ALL BOTTOM OF CURB ELEVATIONS REFERENCE PAVEMENT SURFACE. IN AREAS WHERE A PLANTER CURB OPENING IS LOCATED, ELEVATION INSE PLANES SHALL BE LOWER TO ACCOMMODATE MOUND DEPTH.



UHLEIN/WILSON
MOODY/NOLAN

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State of Wisconsin
 Department of Administration
 Division of Facilities Development



800 Langdon St.
 Madison, WI 53706

Wisconsin Union Redevelopment
 Project Phase II / Alumni Park
 University of Wisconsin - Madison
 Madison, Wisconsin

Layout Plan

| Revisions: | | |
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| Sheet Number | C105 |

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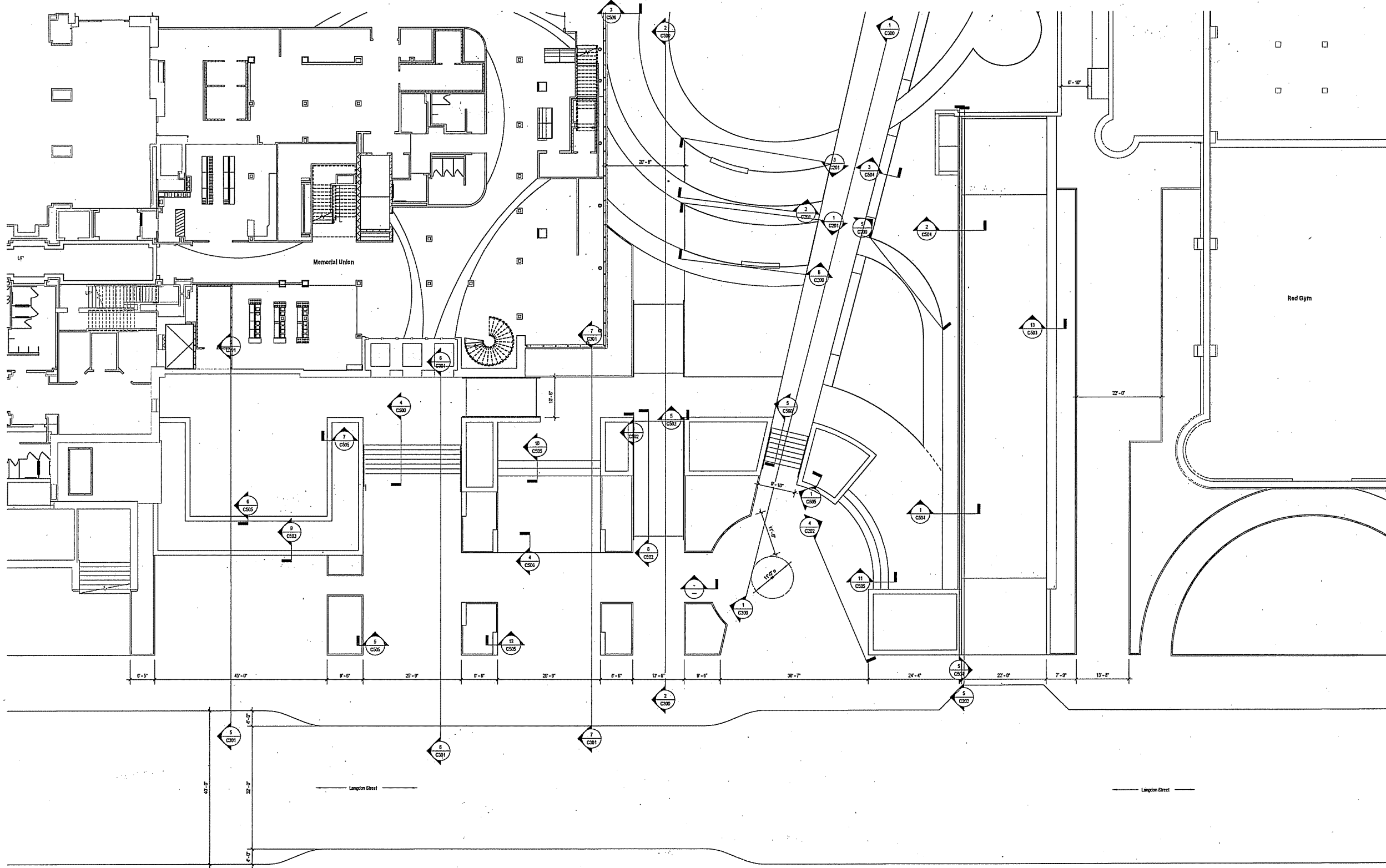
State of Wisconsin
Department of Administration
Division of Facilities Development



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Madison, WI 53706

Wisconsin Union Redevelopment
Project Phase II / Alumni Park
University of Wisconsin - Madison
Madison, Wisconsin

Layout Plan



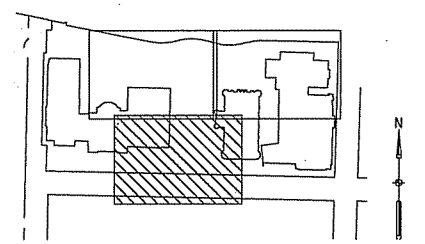
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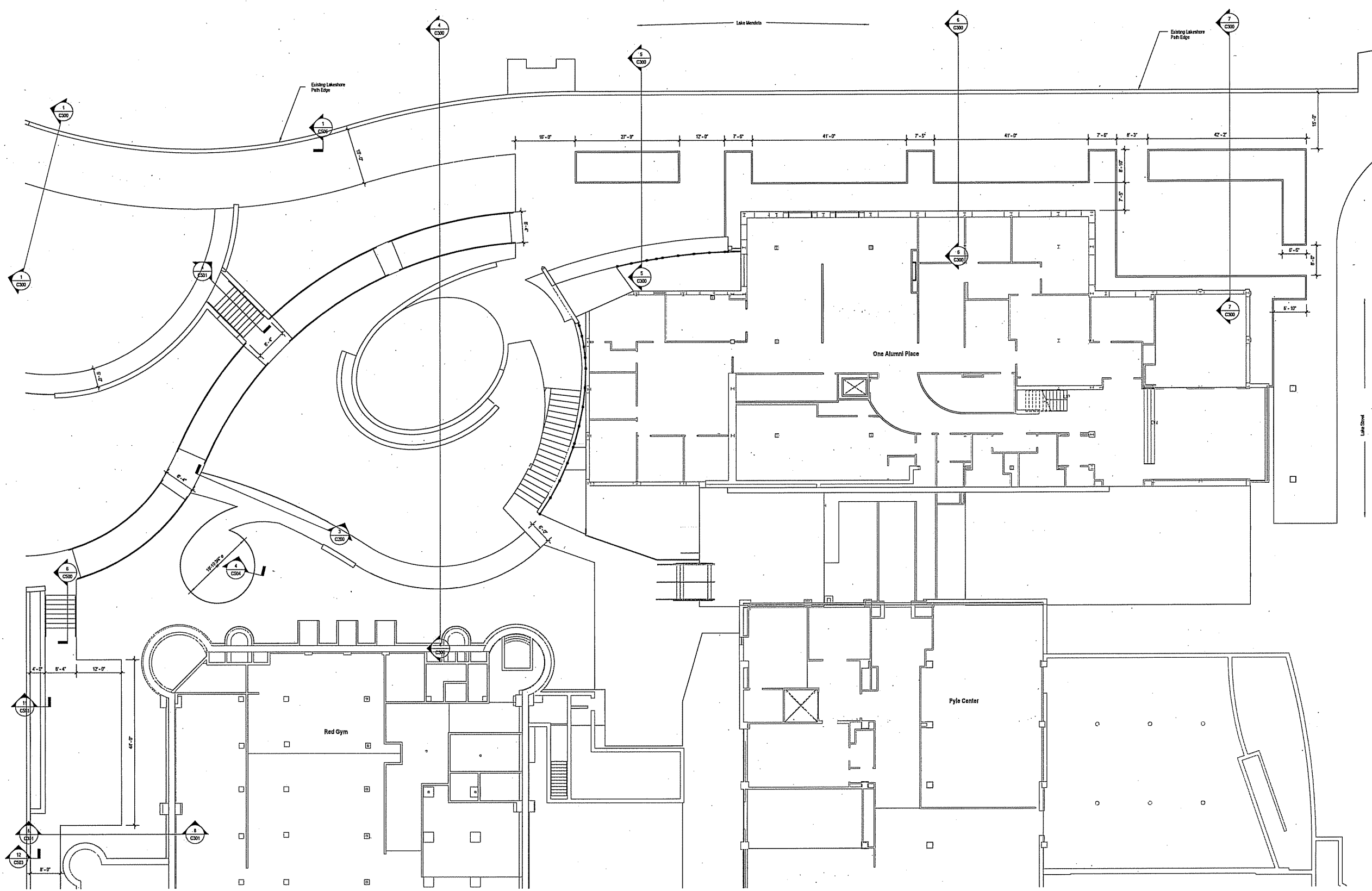
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| DFP Number | 9K1K-01 |
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- NOTES:**
1. CONTRACTOR SHALL CONTACT DIGGERS HOTLINE AND APPROPRIATE UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO ANY CONSTRUCTION.
 2. SEE EXISTING CONDITIONS PLANS C001 FOR LEGEND OF EXISTING FEATURES, PROJECT CONTROL, EMBANKMENT, AND CONTROL POINTS.
 3. LAYOUT INFORMATION WILL BE PROVIDED TO CONTRACTOR IN ELECTRONIC FORMAT FOR CONSTRUCTION LAYOUT. ALL DIMENSIONS SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY. ANY DISCREPANCIES BETWEEN INFORMATION SHOWN AND CAD FILE SHALL BE BROUGHT TO ENGINEER/MEASUREMENT ARCHITECTS ATTENTION PRIOR TO CONSTRUCTION.
 4. IN ADDITION TO THOSE NOTED ON PLANS, EXPANSION JOINTS SHALL BE LOCATED WHERE CONCRETE PAVEMENT ADJACENT BUILDING FACE AND WALLS WITH FROST FOOTINGS.
 5. ALL CURB DIMENSIONS GIVEN TO FACE OF CURB.
 6. SEE UTILITY SHEETS C14 - C17 FOR ELEVATIONS UNDER CONCRETE PAVEMENT.
 7. ALL CROSSWALK AND STREET LANE MARKINGS TO BE PAINTED PER SPECIFICATION.
 8. SEE SHEETS C18 - C19 FOR SILVA CELL LAYOUT AND DETAILS BELOW FINISHED GRADE.
 9. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING AND RESETTING ALL UTILITY CASTINGS IN PAVED AND TURF AREAS PER SPECIFICATIONS (INCLUDING ADJUSTING RINGS AND HOLES).
 10. ALL BOTTOM OF CURB ELEVATIONS REFERENCE PAVEMENT SURFACE. IN AREAS WHERE A PLANTER CURB OPENING IS LOCATED, ELEVATION INSIDE PLANTER SHALL BE LOWER TO ACCOMMODATE MUNCH DEPTH.





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UHLER/WILSON
MOODY/NOLAN

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Department of Administration
Division of Facilities Development



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Madison, WI 53706

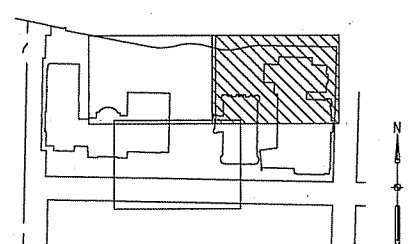
Wisconsin Union Redevelopment
Project Phase II / Alumni Park
University of Wisconsin - Madison
Madison, Wisconsin

Layout Plan

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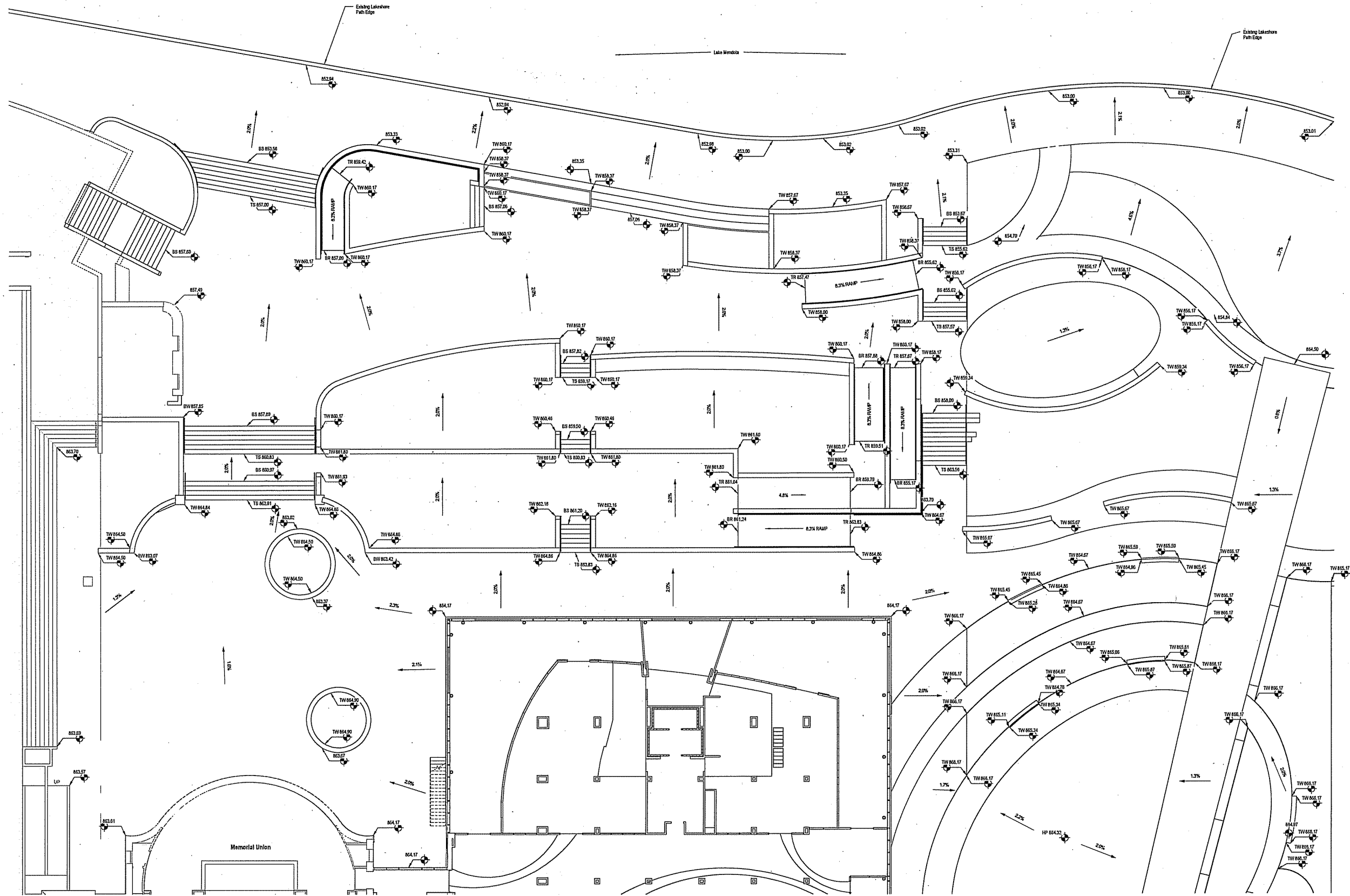
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| GFD Number | SK1K-01 |
| Set Type | PR |
| Date Issued | 11/29/2013 |
| Sheet Number | C107 |

- NOTES:**
- CONTRACTOR SHALL CONTACT ENGINEERS NOTLINE AND APPROPRIATE UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO ANY CONSTRUCTION.
 - SEE EXISTING CONDITIONS PLANS C001 FOR LEGEND OF EXISTING FEATURES, PROJECT CONTROL BENCHMARKS, AND CONTROL MONUMENTS.
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 - IN ADDITION TO THOSE NOTED ON PLANS, EXPANSION JOINTS SHALL BE LOCATED WHERE CONCRETE PAVEMENT ADJACENT BUILDING FACE AND WALLS WITH FROST FOOTINGS.
 - ALL CURB DIMENSIONS GIVEN TO FACE OF CURB.
 - SEE UTILITY SHEETS C114 - C117 FOR SLEEVES UNDER CONCRETE PAVEMENT.
 - ALL CROSSWALK AND STREET LANE MARKINGS TO BE PAINTED PER SPECIFICATION.
 - SEE SHEETS C18 - C23 FOR SILVA CELL LAYOUT AND DETAILS BELOW FINISHED GRADE.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING AND RESETTING ALL UTILITY CASINGS IN PAVED AND TURF AREAS PER SPECIFICATIONS INCLUDING ADJUSTING RISERS AND VENTILATORS.
 - ALL BOTTOM OF CURB ELEVATIONS REFERENCED TO PAVEMENT SURFACE. IF AREAS WHERE A PLANTER CURB OPENING IS LOCATED, ELEVATION INSIDE PLANTER SHALL BE LOWER TO ACCOMMODATE MATCH DEPTH.



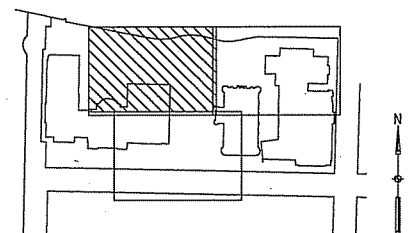
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- LEGEND:**
- LP LOW POINT
 - HP HIGH POINT
 - BS BOTTOM OF STAIR
 - TS TOP OF STAIR
 - BW BOTTOM OF WALL
 - TW TOP OF WALL
 - BC BOTTOM OF CURB
 - TC TOP OF CURB
 - BR BOTTOM OF RAMP
 - TR TOP OF RAMP
 - DOWN SLOPE %

- NOTES:**
1. EXCESS UNCLASSIFIED EXCAVATION NOT USABLE ON SITE SHALL BE REMOVED AND DISCARDED BY CONTRACTOR.
 2. SPOT ELEVATIONS AT ALL ENTRIES ARE FRESH GRADE ELEVATIONS UNLESS OTHERWISE INDICATED. FRESH GRADE AT SOME ENTRIES MAY BE PAVERS.
 3. BUILDINGS FINISH FLOOR ELEVATIONS:
SOUTHWEST LOBBY: 863.32
THEATER LOBBY: 867.82
HICKERS: 853.32
GRAT STAND DOOR 87.74
BUILDING 9-9' (H) 845.42




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University of Wisconsin - Madison
Madison, Wisconsin**

Grading Plan

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| 1 | 11/29/13 | HP Rebuild |

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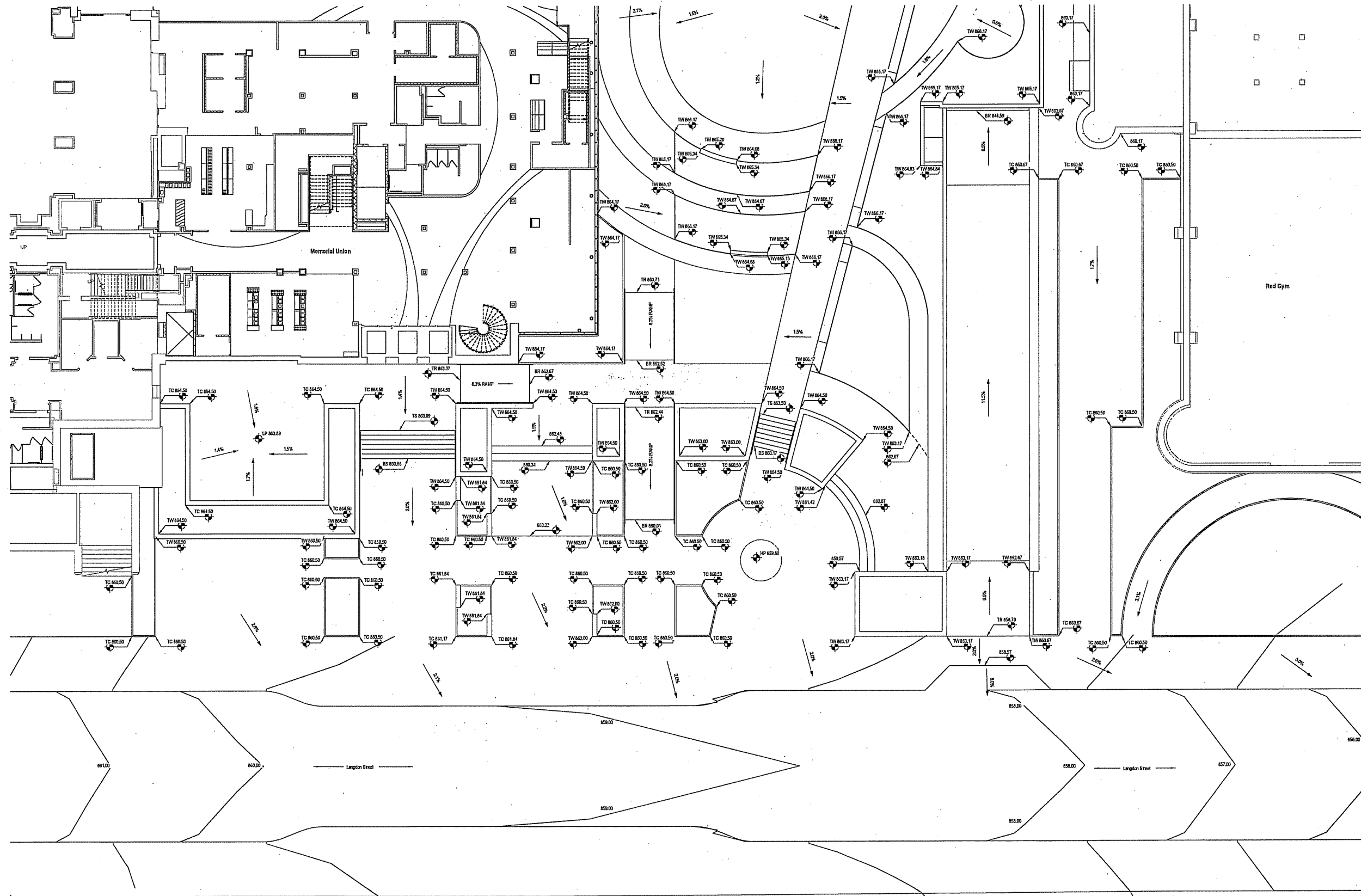
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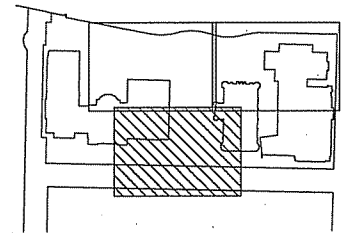
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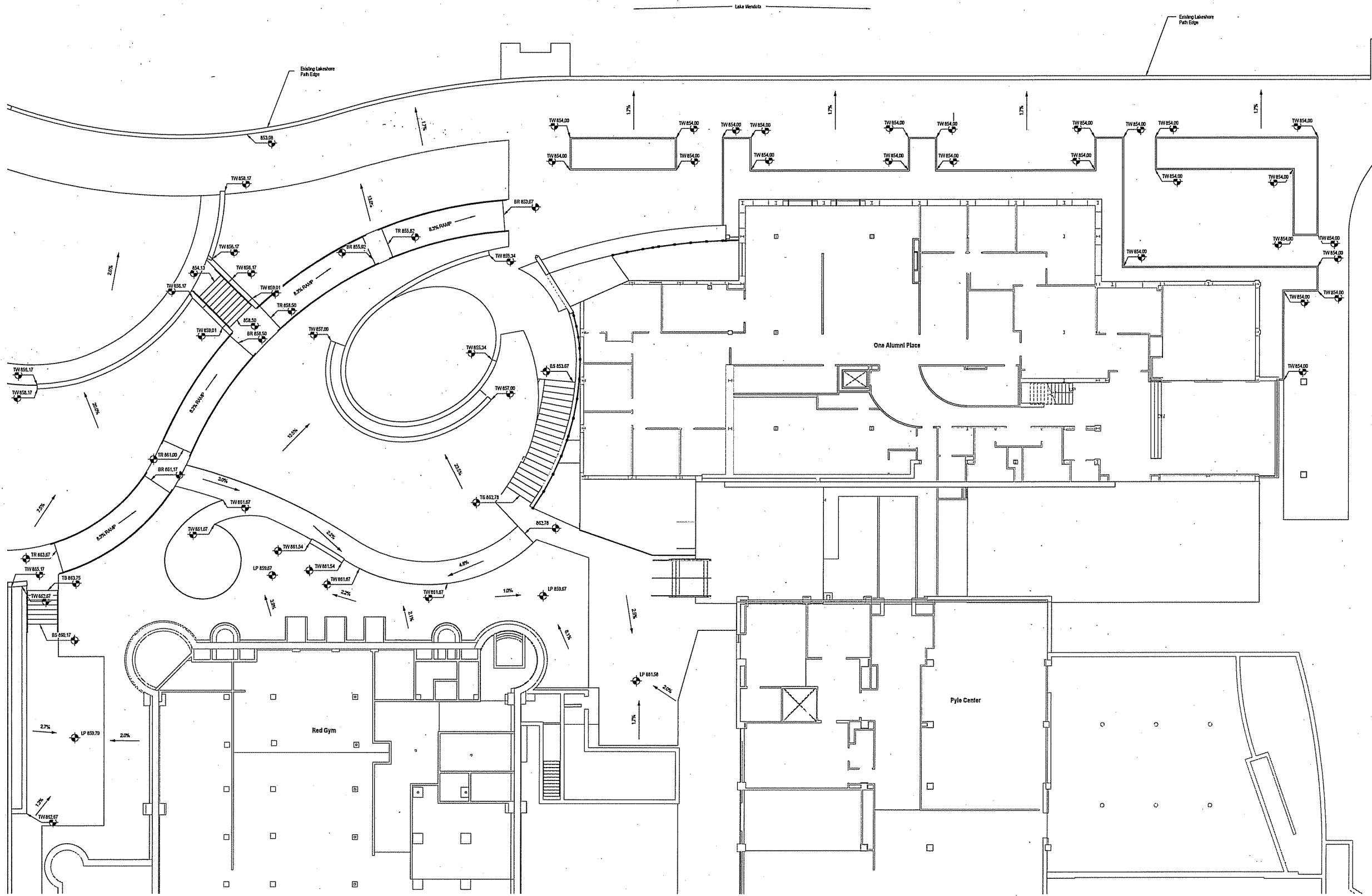


- LEGEND:**
- LP LOW POINT
 - HP HIGH POINT
 - BS BOTTOM OF STAIR
 - TS TOP OF STAIR
 - BW BOTTOM OF WALL
 - TW TOP OF WALL
 - BC BOTTOM OF CURB
 - TC TOP OF CURB
 - BR BOTTOM OF RAMP
 - TR TOP OF RAMP
 - DOWN SLOPE %

- NOTES:**
1. EXCESS UNCLASSIFIED EXCAVATION NOT USABLE ON SITE SHALL BE REMOVED AND DISCARDED BY CONTRACTOR.
 2. SPOT ELEVATIONS AT ALL ENTRIES ARE FINISH GRADE ELEVATIONS UNLESS OTHERWISE INDICATED. FINISH GRADE AT CORE ENTRIES MAY BE PAVED.
 3. BUILDING FINISH FLOOR ELEVATIONS:
SOUTHWEST LOBBY: 861.32
THEATER LOBBY: 867.82
HOOKERS: 853.12
BRAT STAND DOOR: 857.74
BUILDING B-P: 864.42

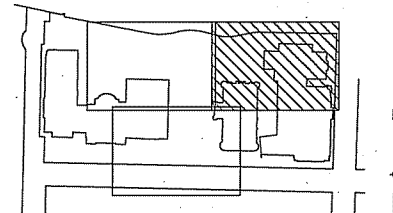


| <p>UTHEIN/WILSON MOODY-NOLAN</p> | | | | | | | |
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| <p>Consultant: SMITHGROUP JJR 44 EAST MIFFLIN STREET SUITE 500 MADISON, WI 53703 608.251.1177 www.smithgroupjjr.com</p> | | | | | | | |
| <p>Slate of Wisconsin Department of Administration Division of Facilities Development</p> | | | | | | | |
| <p>Wisconsin Union Redevelopment Project Phase II / Alumni Park University of Wisconsin - Madison Madison, Wisconsin</p> | | | | | | | |
| <p>800 Langdon St. Madison, WI 53706</p> | | | | | | | |
| <p>Grading Plan</p> | | | | | | | |
| <p>Revisions:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>Date</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>11/29/13</td> <td>SP Revision</td> </tr> </tbody> </table> | | No. | Date | Description | 1 | 11/29/13 | SP Revision |
| No. | Date | Description | | | | | |
| 1 | 11/29/13 | SP Revision | | | | | |
| <p>Graphic Scale: </p> | | | | | | | |
| <p>DWG Number: 9K1K-01</p> | | | | | | | |
| <p>Set Type: PR</p> | | | | | | | |
| <p>Date Issued: 11/29/2013</p> | | | | | | | |
| <p>Sheet Number: C109</p> | | | | | | | |



- LEGEND:**
- LP LOW POINT
 - HP HIGH POINT
 - BS BOTTOM OF STAIR
 - TS TOP OF STAIR
 - BW BOTTOM OF WALL
 - TW TOP OF WALL
 - BC BOTTOM OF CURB
 - TC TOP OF CURB
 - BR BOTTOM OF RAMP
 - TR TOP OF RAMP
 - DOWN SLOPE %


- NOTES:**
1. EXCESS UNCLASSIFIED EXCAVATION NOT USABLE ON SITE SHALL BE REMOVED AND DISCARDED BY CONTRACTOR.
 2. SPOT ELEVATIONS AT ALL ENTRIES ARE FINISH GRADE ELEVATIONS UNLESS OTHERWISE INDICATED. FINISH GRADE AT SOME ENTRIES MAY BE PAVERS.
 3. BUILDING FINISH FLOOR ELEVATIONS:
SOUTHWEST LOBBY: 86.12
THEATER LOBBY: 86.20
HOBBERS: 85.12
GRAT STAIR DOOR 87.74
BUILDING 8-7 (WJ) 85.12



UIHLEN WILSON
MOODY-NOLAN

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SMITHGROUP JJR
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SUITE 500
MADISON, WI 53703
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State of Wisconsin
Department of Administration
Division of Facilities Development



800 Langdon St.
Madison, WI 53706

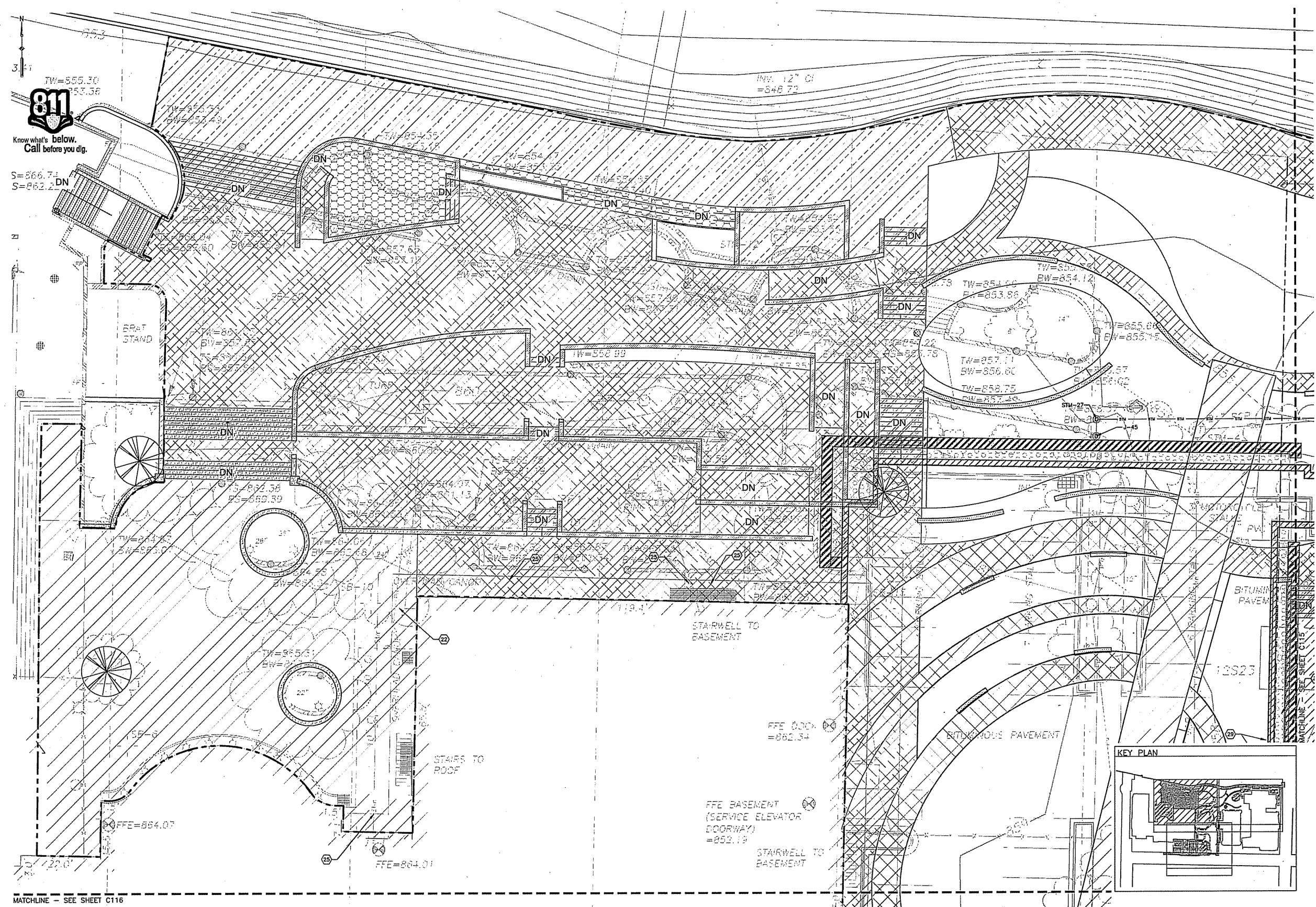
Wisconsin Union Redevelopment
Project Phase II / Alumni Park
University of Wisconsin - Madison
Madison, Wisconsin

Grading Plan

Revisions:

| No. | Date | Description |
|-----|----------|--------------|
| 1 | 11/29/13 | SP Submittal |

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| Graphic Scale | |
| DFD Number | 9K1K-01 |
| Set Type | PR |
| Date Issued | 11/29/2013 |
| Sheet Number | C110 |



811
Know what's below.
Call before you dig.

S=866.74
S=862.22

MATCHLINE - SEE SHEET C116

LEGEND AND KEYNOTES:

| | | | |
|--|---|--|-------------------------------------|
| | XX GREY CONCRETE WALKWAY | | XX STEPS AT THE TERRACE |
| | XX COLOR SANDBLAST CONCRETE | | XX PRECAST STONE WALLS |
| | XX CONCRETE PAVERS | | XX MONOLITHIC STONE BENCHES & SEATS |
| | XX NATURAL STONE PAVEMENT | | |
| | XX WOOD SEATING & STAGE | | |
| | XX HISTORIC STONE WALLS & STEPS | | |
| | XX CONCRETE WALLS W/STONE CAPS AT THE TERRACE | | |

NOTES:

- CONTRACTOR SHALL CONTACT DIGGERS HOTLINE AND APPROPRIATE UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO ANY CONSTRUCTION.
- SEE EXISTING CONDITIONS PLANS (C01) FOR LEGEND OF EXISTING FEATURES, PROJECT CONTROL BENCHMARKS, AND CONTROL MONUMENTS.
- SEE SHEETS C105 - C107 FOR LAYOUT INFORMATION.
- EXISTING AND NEW UTILITY STRUCTURES NOT SHOWN TO SCALE.
- CONTRACTOR SHALL CONTACT CAMPUS TRANSPORTATION SERVICES TO SUPPLY ALL SERVICE PARKING SIGNS. CONTRACTOR SHALL SUPPLY ALL OTHER SIGNS SHOWN ON PLANS. ALL SIGNS SHALL BE MOUNTED AND INSTALLED BY CONTRACTOR. SEE DETAIL 6000 FOR SIGN INSTALLATION.

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**UHLER/WILSON
MOODY/NOLAN**

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Slate of Wisconsin
Department of Administration
Division of Facilities Development

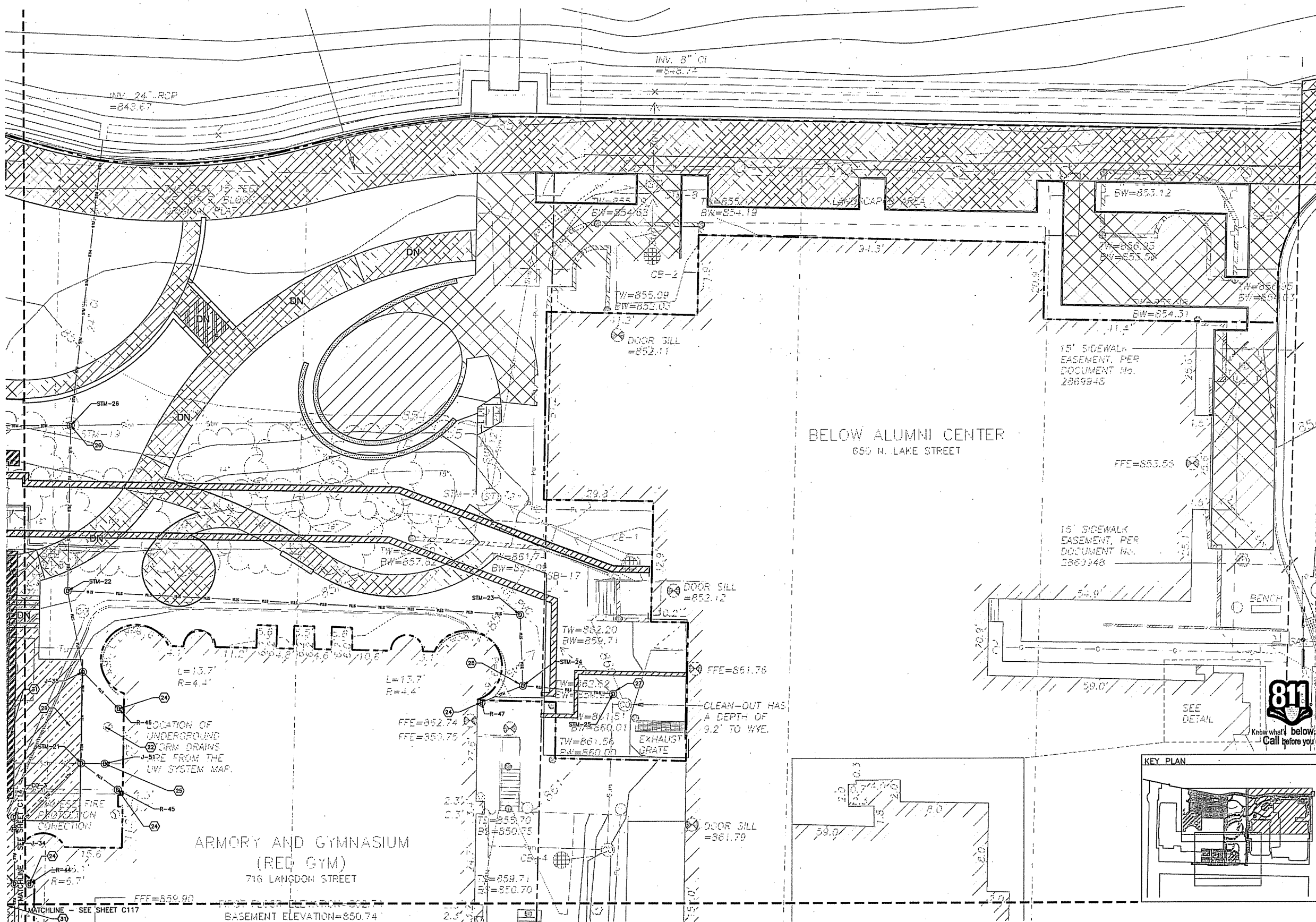
800 Landon St.
Madison, WI 53706

Wisconsin Union Redevelopment
Project - Phase II/Alumni Park
University of Wisconsin - Madison
Madison, Wisconsin
Materials Plan

Revisions:

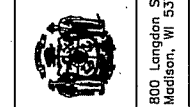
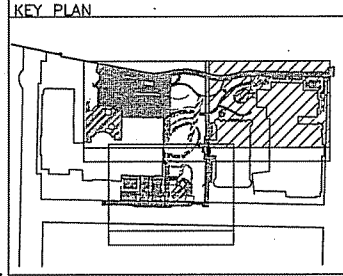
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| 1 | 11/29/2013 | ISSUED |

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DFD Number: 09K1K-01
Set Type: PR
Date Issued: 11/29/2013
Sheet Number: **C111**



- LEGEND AND KEYNOTES:**
- | | | | |
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| | XX GREY CONCRETE WALKWAY | | XX STEPS AT THE TERRACE |
| | XX COLOR SANDBLAST CONCRETE | | XX PRECAST STONE WALLS |
| | XX CONCRETE PAVERS | | XX MONOLITHIC STONE BENCHES & SEATS |
| | XX NATURAL STONE PAVEMENT | | |
| | XX WOOD SEATING & STAGE | | |
| | XX HISTORIC STONE WALLS & STEPS | | |
| | XX CONCRETE WALLS W/STONE CAPS AT THE TERRACE | | |

- NOTES:**
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 - SEE EXISTING CONDITIONS PLANS CD01 FOR LEGEND OF EXISTING FEATURES, PROJECT CONTROL BENCHMARKS, AND CONTROL MONUMENTS.
 - SEE SHEETS C105 - C107 FOR LAYOUT INFORMATION.
 - EXISTING AND NEW UTILITY STRUCTURES NOT SHOWN TO SCALE.
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Revisions:

| No. | Date | Description |
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| 1 | 11/20/13 | Issue for Permit |

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

OFD Number: 09K1K-01

Set Type: PR

Date Issued: 11/29/2013

Sheet Number: **C112**

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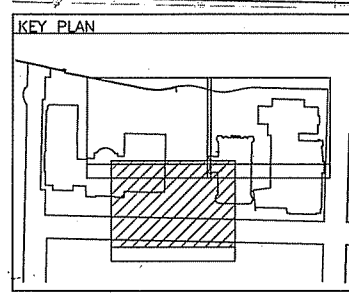
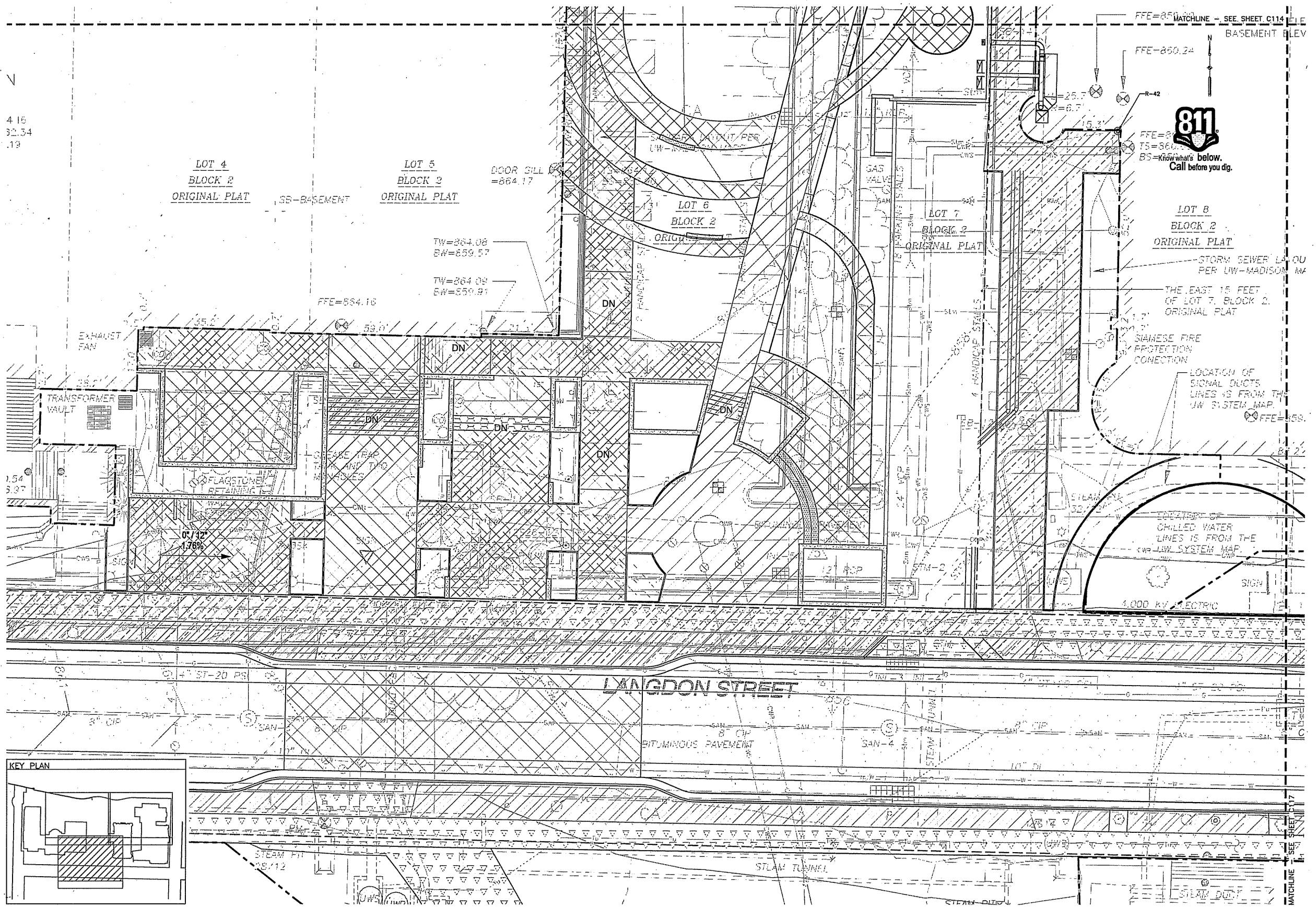
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BLOCK 2
ORIGINAL PLAT

LOT 5
BLOCK 2
ORIGINAL PLAT

LOT 6
BLOCK 2
ORIGINAL PLAT

LOT 7
BLOCK 2
ORIGINAL PLAT

LOT 8
BLOCK 2
ORIGINAL PLAT



LEGEND AND KEYNOTES:

| | | | |
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| | XX GREY CONCRETE WALKWAY | | XX STEPS AT THE TERRACE |
| | XX COLOR SANDBLAST CONCRETE | | XX PRECAST STONE WALLS |
| | XX CONCRETE PAVERS | | XX MONOLITHIC STONE BENCHES & SEATS |
| | XX NATURAL STONE PAVEMENT | | |
| | XX WOOD SEATING & STAGE | | |
| | XX HISTORIC STONE WALLS & STEPS | | |
| | XX CONCRETE WALLS W/ STONE CAPS AT THE TERRACE | | |

- NOTES:**
- CONTRACTOR SHALL CONTACT DIGGERS HOTLINE AND APPROPRIATE UTILITY COMPANIES TO FIELD VERIFY UTILITIES PRIOR TO ANY CONSTRUCTION.
 - SEE EXISTING CONDITIONS PLANS (C01) FOR LEGEND OF EXISTING FEATURES, PROJECT CONTROL BENCHMARKS, AND CONTROL MONUMENTS.
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800 Langdon St.
Madison, WI 53706

Wisconsin Union Redevelopment
Project - Phase II/Alumni Park
University of Wisconsin - Madison
Madison, Wisconsin

Materials Plan

Revisions:

| No. | Desc. | Drawn | Checked |
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| 1 | ISSUED | | |

Graphic Scale: 0' 2' 4' 6' 12'

DPD Number: 09K1K-01

Set Type: PR

Date Issued: 11/29/2013

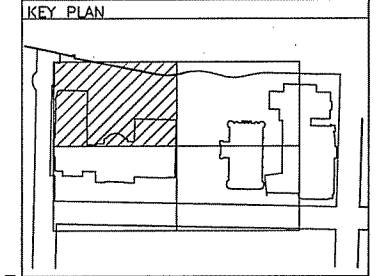
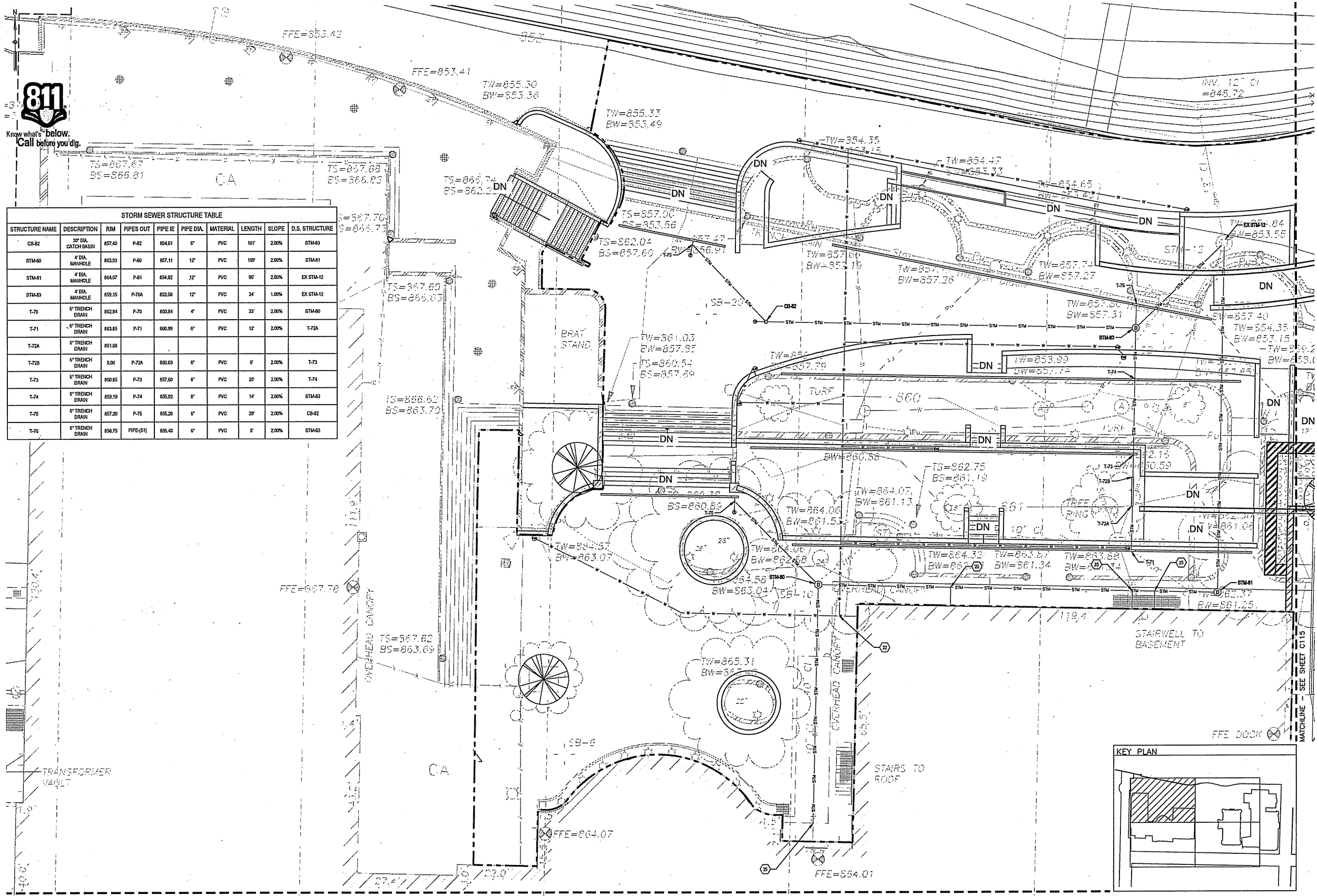
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Know what's below.
Call before you dig.

| STORM SEWER STRUCTURE TABLE | | | | | | | | | |
|-----------------------------|----------------------|--------|-----------|---------|-----------|----------|--------|-------|----------------|
| STRUCTURE NAME | DESCRIPTION | RIM | PIPES OUT | PIPE IE | PIPE DIA. | MATERIAL | LENGTH | SLOPE | D.S. STRUCTURE |
| CB-82 | 30" DIA. CATCH BASIN | 857.40 | P-82 | 854.61 | 6" | PVC | 10' | 2.00% | STM-63 |
| STM-60 | 4" DIA. MANHOLE | 853.93 | P-80 | 857.11 | 12" | PVC | 10' | 2.00% | STM-61 |
| STM-61 | 4" DIA. MANHOLE | 864.07 | P-81 | 854.92 | 12" | PVC | 96' | 2.00% | EX STM-12 |
| STM-63 | 4" DIA. MANHOLE | 859.15 | P-76A | 852.58 | 12" | PVC | 34' | 1.00% | EX STM-12 |
| T-70 | 6" TRENCH DRAIN | 852.94 | P-70 | 850.94 | 4" | PVC | 33' | 2.00% | STM-60 |
| T-71 | 6" TRENCH DRAIN | 853.85 | P-71 | 860.99 | 6" | PVC | 12' | 2.00% | T-72A |
| T-72A | 6" TRENCH DRAIN | 851.88 | | | | | | | |
| T-72B | 6" TRENCH DRAIN | 850 | P-72A | 860.69 | 6" | PVC | 6' | 2.00% | T-73 |
| T-73 | 6" TRENCH DRAIN | 858.85 | P-73 | 857.00 | 6" | PVC | 25' | 2.00% | T-74 |
| T-74 | 6" TRENCH DRAIN | 859.19 | P-74 | 855.92 | 6" | PVC | 14' | 2.00% | STM-63 |
| T-75 | 6" TRENCH DRAIN | 857.20 | P-75 | 855.20 | 6" | PVC | 29' | 2.00% | CB-82 |
| T-76 | 6" TRENCH DRAIN | 858.75 | PIPE(S) | 855.40 | 6" | PVC | 6' | 2.00% | STM-63 |



- KEYNOTES:**
- (1) CONNECT TO SANITARY SEWER SERVICE 5- FEET OUTSIDE OF BUILDING.
 - (2) CONNECT TO EXISTING SANITARY SEWER
 - (3) CONNECT TO WATER SERVICE 5- FEET OUTSIDE OF BUILDING.
 - (4) CONNECT TO EXISTING WATER MAIN.
 - (5) CONNECT TO ROOF DRAIN.
 - (6) CONNECT TO STORM SEWER SERVICE 5- FEET OUTSIDE OF BUILDING.
 - (7) CONNECT TO EXISTING STORM SEWER MANHOLE.

- LEGEND:**
- (1) WET WELL WITH GRINDER PUMP
 - (2) VALVE MANHOLE WITH CHECK VALVE & GATE VALVE.
 - (3) 8" INCH D.I. PIPE
 - (4) 6" INCH D.I. PIPE
 - (5) 8" INCH VALVE
 - (6) 6" INCH VALVE
 - (7) 8" INCH VALVE
 - (8) WATER VALVE

- NOTES:**
- (1) PROJECT BOUNDARY
 - (2) WATER PIPE
 - (3) SANITARY SEWER PIPE
 - (4) STORM SEWER PIPE
 - (5) SANITARY SEWER MANHOLE
 - (6) STORM SEWER MANHOLE
 - (7) WATER VALVE

- UTILITY CLEARANCE NOTES:**
- (1) STORM SEWER CLEANOUT
 - (2) HOSE END
 - (3) CURB INLET
 - (4) TRENCH DRAIN

- NOTES:**
- SEE EXISTING CONDITIONS PLAN FOR LEGEND OF EXISTING FEATURES, BENCHMARKS AND CONTROL MONUMENTS.
 - CONTRACTOR SHALL PROTECT ALL UTILITIES ENCOUNTERED DURING CONSTRUCTION UNLESS DESIGNATED FOR REMOVAL OR PERMISSION GIVEN IN WRITING BY UNIVERSITY OF WISCONSIN PLUMBING SUPERVISOR.
 - WATER MAIN SHALL HAVE 2.0 FT MIN. COVER.
 - MAINTAIN CLEARANCE BETWEEN WATER MAINS AND EXISTING OR PROPOSED SEWER LINES AS IN CONFORMANCE WITH SPECIFICATIONS.
 - CONTRACTOR SHALL CONNECT ALL UTILITIES SHOWN ON DRAWING TO BUILDING OUTLETS 6'-0" OUTSIDE THE FACE OF THE BUILDING.
 - CONTRACTOR TO VERIFY LOCATION (HORIZONTAL AND VERTICAL) OF ALL EXISTING UTILITIES WHERE CROSSINGS OCCUR WITH PROPOSED UTILITIES. CONTRACTOR TO VERIFY LOCATION OF THE UTILITIES PRIOR TO FINISHING SHOP DRAWINGS AND FABRICATION OF STRUCTURES.

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MOODY/NOLAN**

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State of Wisconsin
Department of Administration
Division of Facilities Development

800 Langdon St.
Madison, WI 53706

Wisconsin Union Redevelopment
Project - Phase III/Alumni Park
University of Wisconsin - Madison
Madison, Wisconsin
Utility Plan

Revisions:

| No. | Date | Description |
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| 1 | 11/29/2013 | Issue for Permit |

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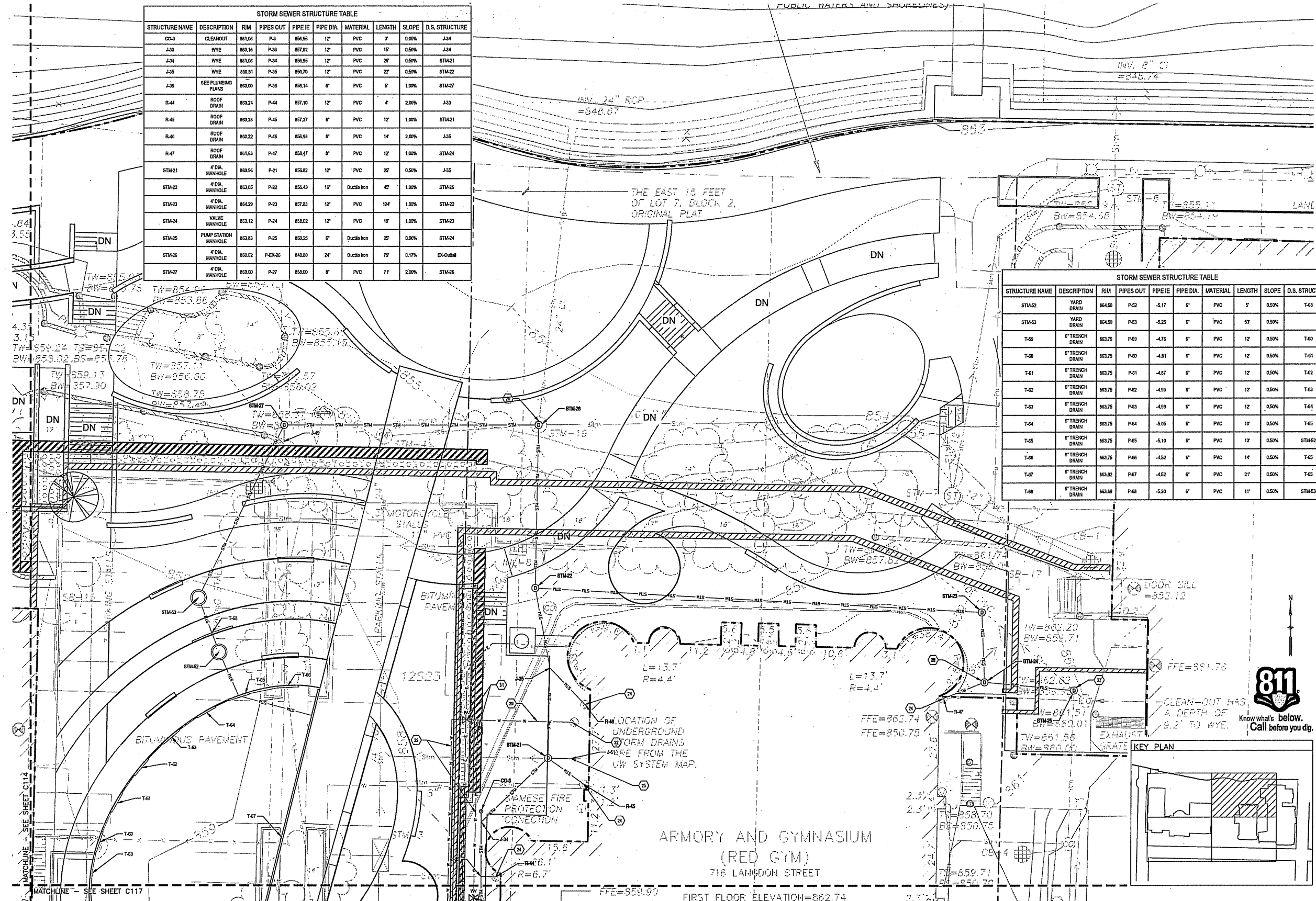
Date Issued: 11/29/2013

Sheet Number: **C114**

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| STORM SEWER STRUCTURE TABLE | | | | | | | | | |
|-----------------------------|----------------------|--------|-----------|---------|-----------|--------------|--------|-------|----------------|
| STRUCTURE NAME | DESCRIPTION | RIM | PIPES OUT | PIPE IE | PIPE DIA. | MATERIAL | LENGTH | SLOPE | D.S. STRUCTURE |
| DD-3 | CLEANOUT | 861.66 | P-3 | 856.55 | 12" | PVC | 3' | 0.00% | J-34 |
| J-33 | WYE | 860.16 | P-33 | 857.02 | 12" | PVC | 15' | 0.50% | J-34 |
| J-34 | WYE | 861.06 | P-34 | 856.95 | 12" | PVC | 20' | 0.50% | STM-21 |
| J-35 | WYE | 860.81 | P-35 | 856.70 | 12" | PVC | 22' | 0.50% | STM-22 |
| J-36 | SEE PLUMBING PLANS | 860.00 | P-36 | 858.14 | 8" | PVC | 5' | 1.00% | STM-27 |
| R-44 | ROOF DRAIN | 860.24 | P-44 | 857.10 | 12" | PVC | 4' | 2.00% | J-33 |
| R-45 | ROOF DRAIN | 860.28 | P-45 | 857.27 | 8" | PVC | 12' | 1.00% | STM-21 |
| R-46 | ROOF DRAIN | 860.22 | P-46 | 856.98 | 8" | PVC | 14' | 2.00% | J-35 |
| R-47 | ROOF DRAIN | 861.63 | P-47 | 858.47 | 8" | PVC | 12' | 1.00% | STM-24 |
| STM-21 | 4" DIA. MANHOLE | 860.56 | P-21 | 856.82 | 12" | PVC | 25' | 0.50% | J-35 |
| STM-22 | 4" DIA. MANHOLE | 863.05 | P-22 | 856.40 | 16" | Ductile Iron | 40' | 1.00% | STM-26 |
| STM-23 | 4" DIA. MANHOLE | 864.29 | P-23 | 857.83 | 12" | PVC | 124' | 1.00% | STM-22 |
| STM-24 | VALVE MANHOLE | 863.12 | P-24 | 858.02 | 12" | PVC | 15' | 1.00% | STM-23 |
| STM-25 | PUMP STATION MANHOLE | 863.83 | P-25 | 860.25 | 6" | Ductile Iron | 25' | 0.00% | STM-24 |
| STM-26 | 4" DIA. MANHOLE | 860.62 | P-26 | 848.80 | 24" | Ductile Iron | 73' | 0.17% | EX-OUT-8 |
| STM-27 | 4" DIA. MANHOLE | 860.00 | P-27 | 858.00 | 8" | PVC | 71' | 2.00% | STM-28 |

| STORM SEWER STRUCTURE TABLE | | | | | | | | | |
|-----------------------------|-----------------|--------|-----------|---------|-----------|----------|--------|-------|----------------|
| STRUCTURE NAME | DESCRIPTION | RIM | PIPES OUT | PIPE IE | PIPE DIA. | MATERIAL | LENGTH | SLOPE | D.S. STRUCTURE |
| STM-52 | YARD DRAIN | 864.50 | P-52 | -5.17 | 6" | PVC | 5' | 0.50% | T-68 |
| STM-63 | YARD DRAIN | 864.50 | P-63 | -5.25 | 6" | PVC | 57' | 0.50% | |
| T-69 | 6" TRENCH DRAIN | 863.75 | P-69 | -4.76 | 6" | PVC | 12' | 0.50% | T-60 |
| T-60 | 6" TRENCH DRAIN | 863.75 | P-60 | -4.81 | 6" | PVC | 12' | 0.50% | T-61 |
| T-61 | 6" TRENCH DRAIN | 863.75 | P-61 | -4.87 | 6" | PVC | 12' | 0.50% | T-62 |
| T-62 | 6" TRENCH DRAIN | 863.75 | P-62 | -4.93 | 6" | PVC | 12' | 0.50% | T-63 |
| T-63 | 6" TRENCH DRAIN | 863.75 | P-63 | -4.99 | 6" | PVC | 12' | 0.50% | T-64 |
| T-64 | 6" TRENCH DRAIN | 863.75 | P-64 | -5.05 | 6" | PVC | 10' | 0.50% | T-65 |
| T-65 | 6" TRENCH DRAIN | 863.75 | P-65 | -5.10 | 6" | PVC | 17' | 0.50% | STM-52 |
| T-66 | 6" TRENCH DRAIN | 863.75 | P-66 | -4.52 | 6" | PVC | 14' | 0.50% | T-65 |
| T-67 | 6" TRENCH DRAIN | 863.92 | P-67 | -4.52 | 6" | PVC | 21' | 0.50% | T-65 |
| T-68 | 6" TRENCH DRAIN | 863.69 | P-68 | -5.20 | 6" | PVC | 11' | 0.50% | STM-63 |



- KEYNOTES:
- 20 CONNECT TO SANITARY SEWER SERVICE 5-FEET OUTSIDE OF BUILDING.
 - 21 CONNECT TO EXISTING SANITARY SEWER.
 - 22 CONNECT TO WATER SERVICE 5-FEET OUTSIDE OF BUILDING.
 - 23 CONNECT TO EXISTING WATER MAIN.
 - 24 CONNECT TO ROOF DRAIN.
 - 25 CONNECT TO STORM SEWER SERVICE 5-FEET OUTSIDE OF BUILDING.
 - 26 CONNECT TO EXISTING STORM SEWER MANHOLE.

- LEGEND:
- 27 WET WELL WITH GRINDER PUMP
 - 28 VALVE MANHOLE WITH CHECK VALVE & GATE VALVE
 - 29 8" INCH D.I. PIPE
 - 30 6" INCH D.I. PIPE
 - 31 8" INCH VALVE
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- NOTES:
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- UTILITY CLEARANCE NOTES:
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**UTILEIN/WILSON
MOODY/NOLAN**

Consultant:
SMITHGROUP JR

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State of Wisconsin
Department of Administration
Division of Facilities Development

800 Langdon St.
Madison, WI 53706

Wisconsin Union Redevelopment
Project - Phase II/Alumni Park
University of Wisconsin - Madison
Madison, Wisconsin

Utility Plan

Revisions:

| No. | By | Description |
|-----|----|-------------|
| 1 | PL | Final |

Graphic Scale: 0' 2' 4' 6' 12'

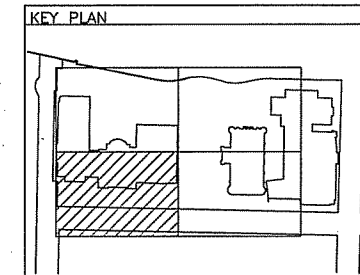
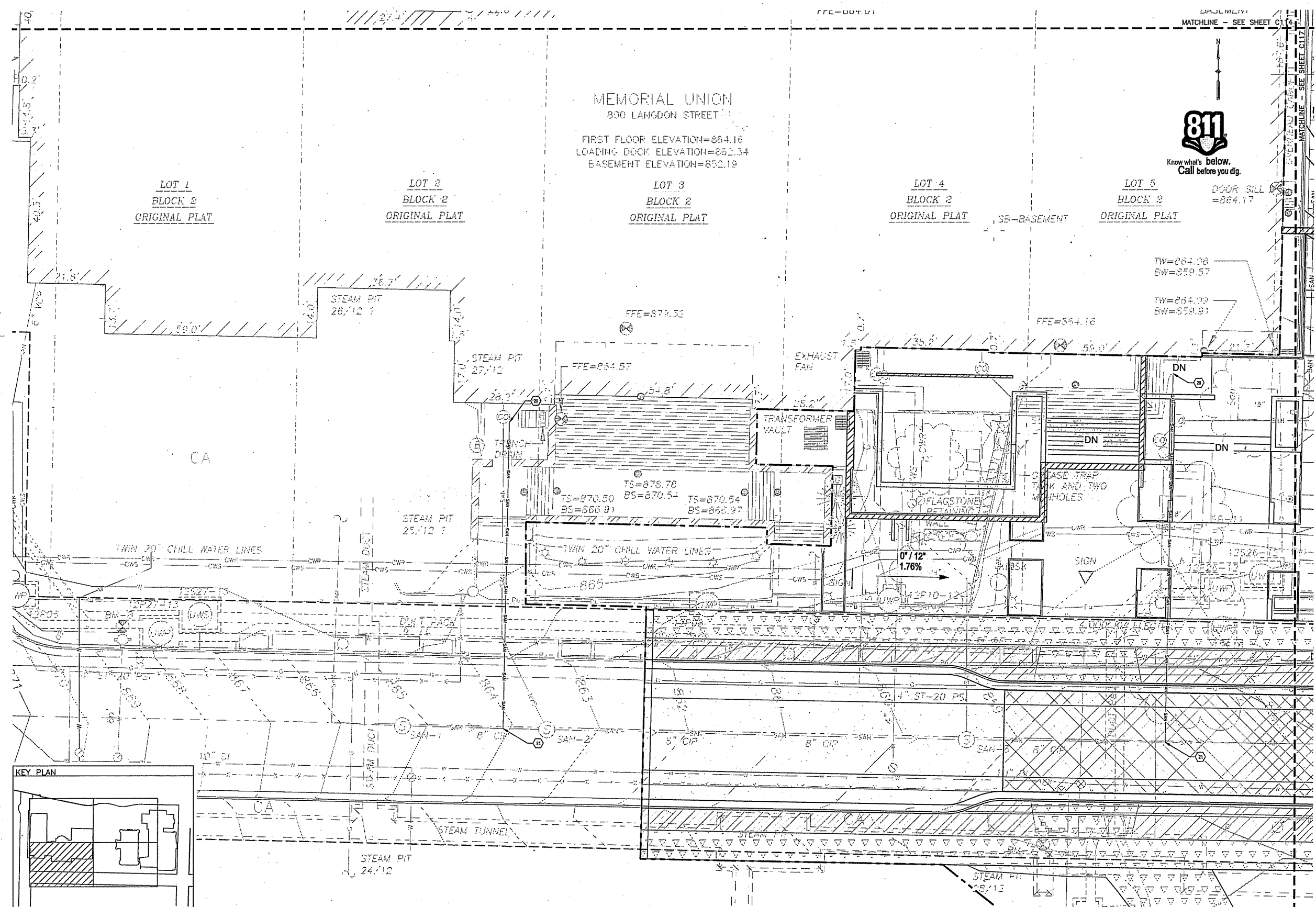
DFD Number: 09K1K-01

Set Type: PR

Date Issued: 11/29/2013

Sheet Number: **C115**

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- KEYNOTES:**
- (20) CONNECT TO SANITARY SEWER SERVICE 5-FEET OUTSIDE OF BUILDING.
 - (21) CONNECT TO EXISTING SANITARY SEWER.
 - (22) CONNECT TO WATER SERVICE 5-FEET OUTSIDE OF BUILDING.
 - (23) CONNECT TO EXISTING WATER MAIN.
 - (24) CONNECT TO ROOF DRAIN.
 - (25) CONNECT TO STORM SEWER SERVICE 5-FEET OUTSIDE OF BUILDING.
 - (26) CONNECT TO EXISTING STORM SEWER MANHOLE.

- LEGEND:**
- (27) WET WELL WITH GRINDER PUMP
 - (28) VALVE MANHOLE WITH CHECK VALVE & GATE VALVE
 - (29) 6"CH OD PIPE
 - (30) 6"CH OD PIPE
 - (31) 6"CH VALVE
 - (32) 6"CH VALVE
 - (33) 6"CH VALVE
- PROJECT BOUNDARY
--- WATER PIPE
--- SAN-1 SAN-1 SANITARY SEWER PIPE
--- SW-1 SW-1 STORM SEWER PIPE
⊙ SANITARY SEWER MANHOLE
⊙ STORM SEWER MANHOLE
⊗ WATER VALVE

- NOTES:**
- SEE EXISTING CONDITIONS PLAN FOR LEGEND OF EXISTING FEATURES, BENCHMARKS, AND CONTROL MONUMENTS.
 - CONTRACTOR SHALL PROTECT ALL UTILITIES ENCOUNTERED DURING CONSTRUCTION UNLESS DESIGNATED FOR DEMOLITION OR PERMISSION GIVEN IN WRITING BY UNIVERSITY OF WISCONSIN PLUMBING SUPERVISOR.
 - WATER MAIN SHALL HAVE 7.0 FT MIN. COVER.
 - MAINTAIN CLEARANCE BETWEEN WATER MAINS AND EXISTING OR PROPOSED SEWER LINES AS IN CONFORMANCE WITH SPECIFICATIONS.
 - CONTRACTOR SHALL CONNECT ALL UTILITIES SHOWN ON DRAWING TO BUILDING OUTLETS 5'-0" OUTSIDE THE FACE OF THE BUILDING.
 - CONTRACTOR TO VERIFY LOCATION (HORIZONTAL AND VERTICAL) OF ALL EXISTING UTILITIES WHERE CROSSINGS OCCUR WITH PROPOSED UTILITIES. CONTRACTOR TO VERIFY LOCATION OF THE UTILITIES PRIOR TO FINALIZING SHOP DRAWINGS AND FABRICATION OF STRUCTURES.

- UTILITY CLEARANCE NOTES:**
- (6)
 - (6)
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 - (6)

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**UTILEIN/WILSON
MOODY-NOLAN**

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Department of Administration
Division of Facilities Development

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Wisconsin Union Redevelopment
Project - Phase II/Alumni Park
University of Wisconsin - Madison
Madison, Wisconsin
Utility Plan

Revisions:

| No. | Drawn | Description |
|-----|----------|-------------|
| 1 | 11/29/13 | ISSUED |

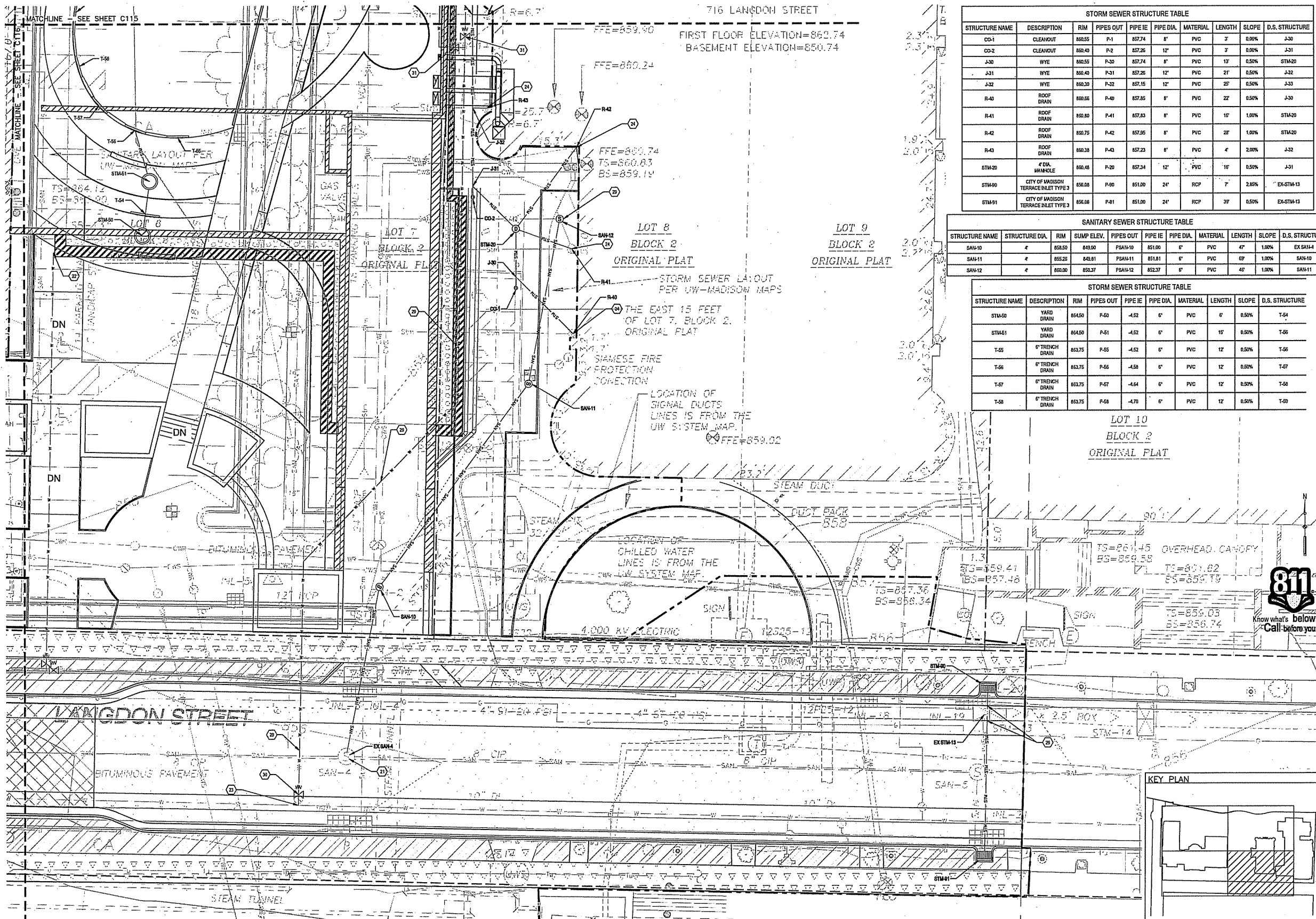
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DPD Number: 09K1K-01

Set Type: PR

Date Issued: 11/29/2013

Sheet Number: **C116**



**WILHELM WILSON
MOODY-NOLAN**

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Division of Facilities Development

811
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Wisconsin Union Redevelopment
Project - Phase III/Alumni Park
University of Wisconsin - Madison
Madison, Wisconsin
Utility Plan

Revisions:

| No. | Date | Description |
|-----|------------|-------------|
| 1 | 11/29/2013 | As Shown |

Graphic Scale: 0' 5' 10' 15'

DFD Number: 09K1K-01
Set Type: PR
Date Issued: 11/29/2013
Sheet Number: C117

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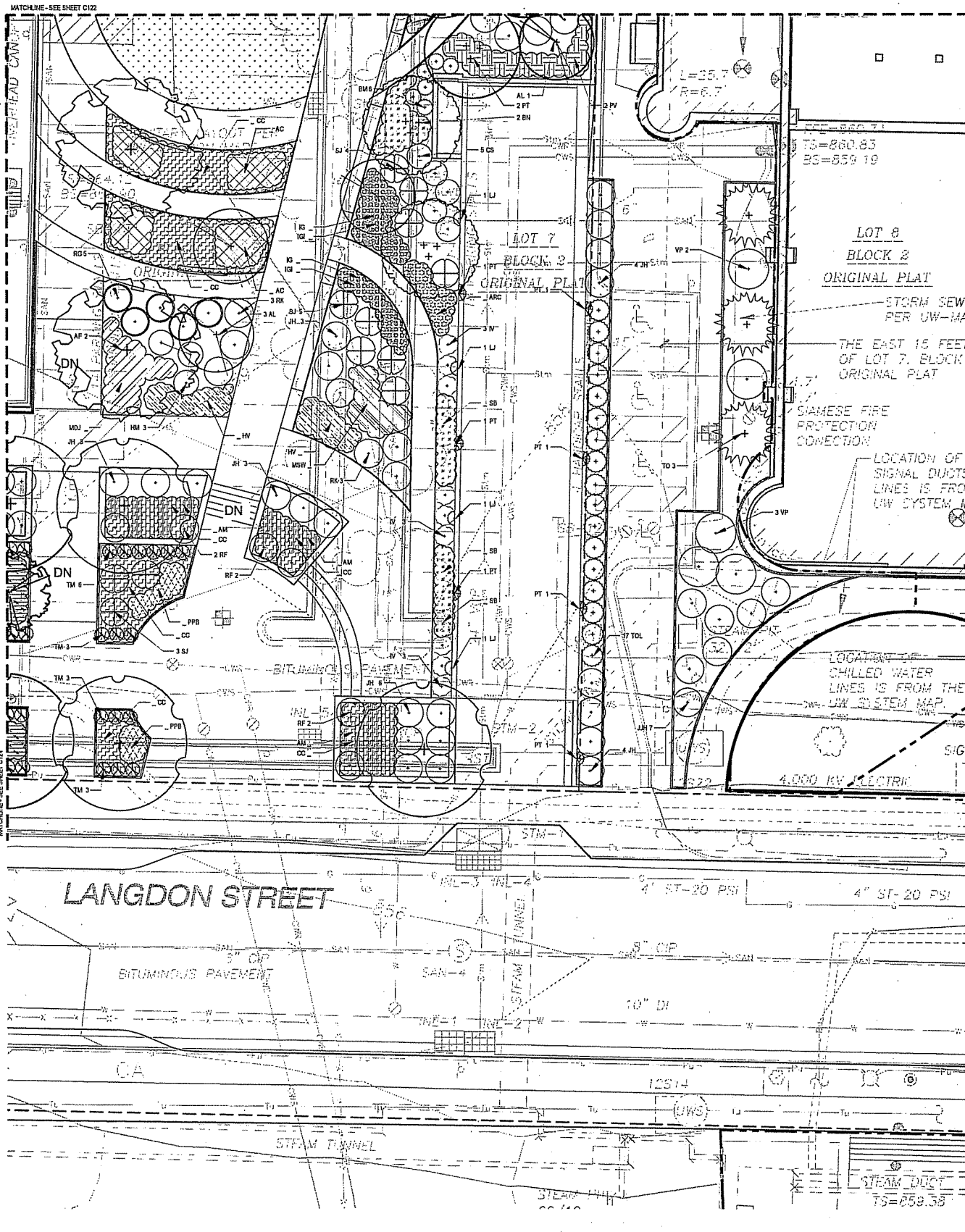
- KEYNOTES:
- 20 CONNECT TO SANITARY SEWER SERVICE 5-FEET OUTSIDE OF BUILDING.
 - 21 CONNECT TO EXISTING SANITARY SEWER
 - 22 CONNECT TO WATER SERVICE 5-FEET OUTSIDE OF BUILDING.
 - 23 CONNECT TO EXISTING WATER MAIN.
 - 24 CONNECT TO ROOF DRAIN.
 - 25 CONNECT TO STORM SEWER SERVICE 5-FEET OUTSIDE OF BUILDING.
 - 26 CONNECT TO EXISTING STORM SEWER MANHOLE.

- LEGEND:
- 27 WET WELL WITH GRINDER PUMP
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 - 31 8-INCH VALVE
 - 32 6-INCH VALVE
 - 33 WATER VALVE

- PROJECT BOUNDARY
- PROJECT BOUNDARY
 - WATER PIPE
 - SANITARY SEWER PIPE
 - STORM SEWER PIPE
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 - STORM SEWER MANHOLE
 - WATER VALVE

- NOTES:
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 - WATER MAIN SHALL HAVE 7.5 FT MIN. COVER.
 - MAINTAIN CLEARANCE BETWEEN WATER MAINS AND EXISTING OR PROPOSED SEWER LINES AS IN CONFORMANCE WITH SPECIFICATIONS.
 - CONTRACTOR SHALL CORRECT ALL UTILITIES SHOWN ON DRAWING TO BUILDING OUTLETS 6" OUTSIDE THE FACE OF THE BUILDING.
 - CONTRACTOR TO VERIFY LOCATION (HORIZONTAL AND VERTICAL) OF ALL EXISTING UTILITIES WHERE CROSSINGS OCCUR WITH PROPOSED UTILITIES. CONTRACTOR TO VERIFY LOCATION OF THE UTILITIES PRIOR TO FINALIZING SHOP DRAWINGS AND FABRICATION OF STRUCTURES.

- UTILITY CLEARANCE NOTES:
- 70
 - 71
 - 72
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 - 75
 - 76



| Plant List | | | | | | |
|--------------------------|--|--|-------|-----------|---------------------------|-------------|
| Key | Scientific Name | Common Name | Qty | Cond. | Size | Comments |
| Shade Trees | | | | | | |
| AF | <i>Acer & Freeman's Maple</i> (Indian Summer) | Maple | BAB | 3.5' Cal. | Space as shown | native |
| CJ | <i>Cedripylum japonicum</i> | Katsura Tree | BAB | 3.5' Cal. | Space as shown | |
| GT | <i>Gladiolus hincantibus</i> var. <i>enervis</i> 'Stylow' | Stylow Thymus Honey Locust | BAB | 3.5' Cal. | Space as shown | native |
| DM | <i>Quercus muhlenbergii</i> | Chickadee Oak | BAB | 3.5' Cal. | Space as shown | |
| QR | <i>Quercus x ruber</i> | Red Oak | BAB | 3.5' Cal. | Space as shown | native |
| QF | <i>Quercus x schwehlii</i> (macrocarpa x bicolor) | Sweep Bar Oak | BAB | 3.5' Cal. | Space as shown | native |
| Ornamental Trees | | | | | | |
| AL | <i>Abies balsamica</i> | Balsam Fir | BAB | 7.5' Ht. | Clump | native |
| BN | <i>Betula nigra</i> 'Heritage' | Heritage River Birch | BAB | 10' Ht. | multi-stem space as shown | native |
| EA | <i>Cornus alternifolia</i> 'Pagoda' | Pagoda Dogwood | BAB | 8' Ht. | Space as shown | native |
| MA | <i>Malus 'Adirondack'</i> | Adirondack Crapemyrtle | BAB | 1.5 Cal. | Space as shown | native |
| MS | <i>Malus 'Supertree' PP 7022</i> | Supertree Crapemyrtle | BAB | 1.5 Cal. | Space as shown | native |
| MSH | <i>Magnolia stellata</i> 'Royal Star' | Royal Star Magnolia | BAB | 7.5' Ht. | Space as shown | |
| PT | <i>Populus tremuloides</i> | Quaking Aspen | BAB | 14' Ht. | space as shown | native |
| Evergreen Trees | | | | | | |
| PA | <i>Picea abies</i> 'maria' | Swedish Spruce | BAB | 7.5' Ht. | space as shown | |
| PC | <i>Pinus strobus</i> | Swiss Stone Pine | BAB | 7.5' Ht. | space as shown | |
| TC | <i>Taxus canadensis</i> | Canadian Hemlock | BAB | 10' Ht. | space as shown | |
| TD | <i>Thuja occidentalis</i> 'Helix Wintergreen' | Helix Wintergreen Arborvitae | BAB | 12' Ht. | space as shown | native |
| Deciduous Shrubs | | | | | | |
| CAS | <i>Chaenactis 'Siren'</i> | Siren Candice Summerweet | cont. | #5 | 3' O.C. | native |
| CS | <i>Cornus stolonifera</i> 'Alemans Dwarf' | Alemans Dwarf Redtwig Dogwood | cont. | #5 | 4' O.C. | native |
| FG | <i>Fothergilla gardenii</i> | Dwarf Fothergilla | cont. | #5 | 4' O.C. | native |
| FM | <i>Fothergilla major</i> | Large Fothergilla | cont. | #5 | 4' O.C. | native |
| HT | <i>Hydrangea paniculata</i> 'Tardiva' | Tardiva Hydrangea | BAB | 2.5' Ht. | space as shown | |
| HM | <i>Hydrangea macrophylla</i> 'Lanarth White' | Lanarth White Lacecap Hydrangea | BAB | 2.5' Ht. | space as shown | |
| LV | <i>Lespedeza bicolor</i> | Little Henry Dwarf Virginia Sweetpea | BAB | 2.5' Ht. | space as shown | |
| RF | <i>Rosa 'Flower Carpet White'</i> | Flower Carpet Red Shrub Rose | cont. | #3 | space as shown | |
| RD | <i>Rosa 'Geminata'</i> | Grow Low Sunset | cont. | #3 | space as shown | native |
| RK | <i>Rosa 'Knock Out Red Flowering'</i> | White Flowering Knock Out Shrub Rose | cont. | #3 | space as shown | |
| SJ | <i>Spirea japonica</i> 'Little Princess' | Little Princess Spirea | BAB | 2.5' Ht. | space as shown | |
| VD | <i>Viburnum carolinense</i> | Korean Spice Viburnum | BAB | 2' Ht. | space as shown | |
| VP | <i>Viburnum plicatum</i> var. <i>anemiflorum</i> 'Popcorn' | Popcorn Viburnum | BAB | 2' Ht. | space as shown | |
| VT | <i>Viburnum trilobum</i> 'Blackberry Compact' | Compact American Cranberry Bush Viburnum | BAB | 2' Ht. | space as shown | native |
| Coniferous Shrubs | | | | | | |
| BM | <i>Buxus microphylla</i> var. <i>kanara</i> 'Green Mound' | Green Mound Boxwood | BAB | 18' Ht. | space as shown | |
| JH | <i>Juniperus horizontalis</i> 'Chamae' | Mane Liberty Holly | BAB | 2' Ht. | space as shown | black berry |
| JH | <i>Juniperus horizontalis</i> 'Blue Chip' | Blue Chip Juniper | cont. | #5 | space as shown | |
| ZM | <i>Juniperus horizontalis</i> 'Hughes' | Hughes Juniper | cont. | #5 | space as shown | |
| ZM | <i>Juniperus sabina</i> 'Monard' | Monard Dwarf Juniper | cont. | #5 | space as shown | |
| PM | <i>Pinus mugo</i> 'Compacta' | Compact Mugo Pine | cont. | #3 | space as shown | |
| TC | <i>Taxus cuspidata</i> 'Monrovia' | Emerald Spreader Japanese Yew | cont. | #3 | space as shown | |
| TC | <i>Taxus media</i> 'Everlow' | Everlow Yew | cont. | #3 | space as shown | |
| TOL | <i>Thuja occidentalis</i> 'Little Giant' | Little Giant Dwarf Arborvitae | cont. | #5 | space as shown | |
| Grasses | | | | | | |
| PV | <i>Panicum virgatum</i> 'Prairie Sky' | Prairie Sky Blue Switch Grass | cont. | #1 | space as shown | 5' tall |
| SH | <i>Sporobolus heterophyllus</i> | Prairie Dropseed (IA Native) | cont. | #1 | space as shown | 18" tall |
| SG | <i>Schizanthus scapularis</i> 'The Blues' | The Blues Little Bluestem (IA Native) | cont. | #1 | space as shown | 2' tall |
| Perennials | | | | | | |
| AC | <i>Aquilegia canadensis</i> 'Wink Red & White' | Wink Red & White Columbine | cont. | #1 | 18" O.C. | native sun |
| AD | <i>Asclepias tuberosa</i> | Butterfly Milkweed | cont. | #1 | 20" O.C. | shade |
| AR | <i>Asclepias tuberosa</i> | Red Butterfly Milkweed | cont. | #1 | 20" O.C. | shade |
| AM | <i>Achillea millefolium</i> 'Tadpole' | Big Daddy Plantain Lily | cont. | #1 | 18" O.C. | native sun |
| WB | <i>Hemerocallis 'Big Daddy'</i> | Big Daddy Plantain Lily | cont. | #1 | space as shown | shade |
| WV | <i>Hemerocallis 'Vivid'</i> | Madame Butterfly | cont. | #1 | 8" O.C. | shade |
| KS | <i>Kniphofia 'Gravel Road'</i> | Gravel Road Red Hot Poker | cont. | #1 | 8" O.C. | sun |
| KA | <i>Kniphofia 'Immortality'</i> | Immortality Red Hot Poker | cont. | #1 | 8" O.C. | sun |
| MDJ | <i>Monarda didyma</i> 'Jacob Cline' | Jacob Cline Bee Balm | cont. | #1 | 12" O.C. | sun |
| MSW | <i>Monarda 'Snow White'</i> | Snow White Bee Balm | cont. | #1 | 12" O.C. | sun |
| PPB | <i>Phlox paniculata</i> 'Bartholomew' | Volcano Red Phlox | cont. | #3 | space as shown | red |
| PP | <i>Phlox paniculata</i> 'Bartholomew' | Volcano White Phlox | cont. | #1 | 12" O.C. | native sun |
| EA | <i>Sedum 'Autumn Joy'</i> | Autumn Joy Sedum | cont. | #1 | space as shown | sun |
| SB | <i>Stachys byzantina</i> 'Big Ears' | Big Ears Lamb's Ear | cont. | #1 | space as shown | sun |
| SS | <i>Sedum 'Spectabile'</i> 'Snow Hill' | Snow Hill Meadow Sage | cont. | #1 | space as shown | sun |
| Vines | | | | | | |
| CP | <i>Clematis paniculata</i> | Sweet Autumn Clematis | cont. | #1 | space as shown | shade-sun |
| LJ | <i>Lonicera japonica</i> 'Yellow Star' | Yellow Star Honeysuckle | cont. | #1 | space as shown | sun |
| PT | <i>Parthenocissus vitacea</i> 'Veitchii' | Boston Ivy | cont. | #1 | space as shown | part-sun |
| Groundcovers | | | | | | |
| ARC | <i>Ageratum 'Chocolate Chip'</i> | Chocolate Chip Ageratum | psk | 3' | 12" O.C. | shade |
| CC | <i>Cornus canadensis</i> | Bunchberry | psk | 2' | 12" O.C. | sun-shade |
| LM | <i>Lilium 'Lily Turf'</i> | Lily Turf | psk | #1 | 12" O.C. | sun-shade |
| Seeding/Turf | | | | | | |
| Seed Mix | | | seed | | | |

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MOODY/NOLAN

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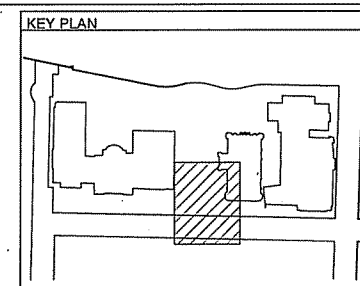
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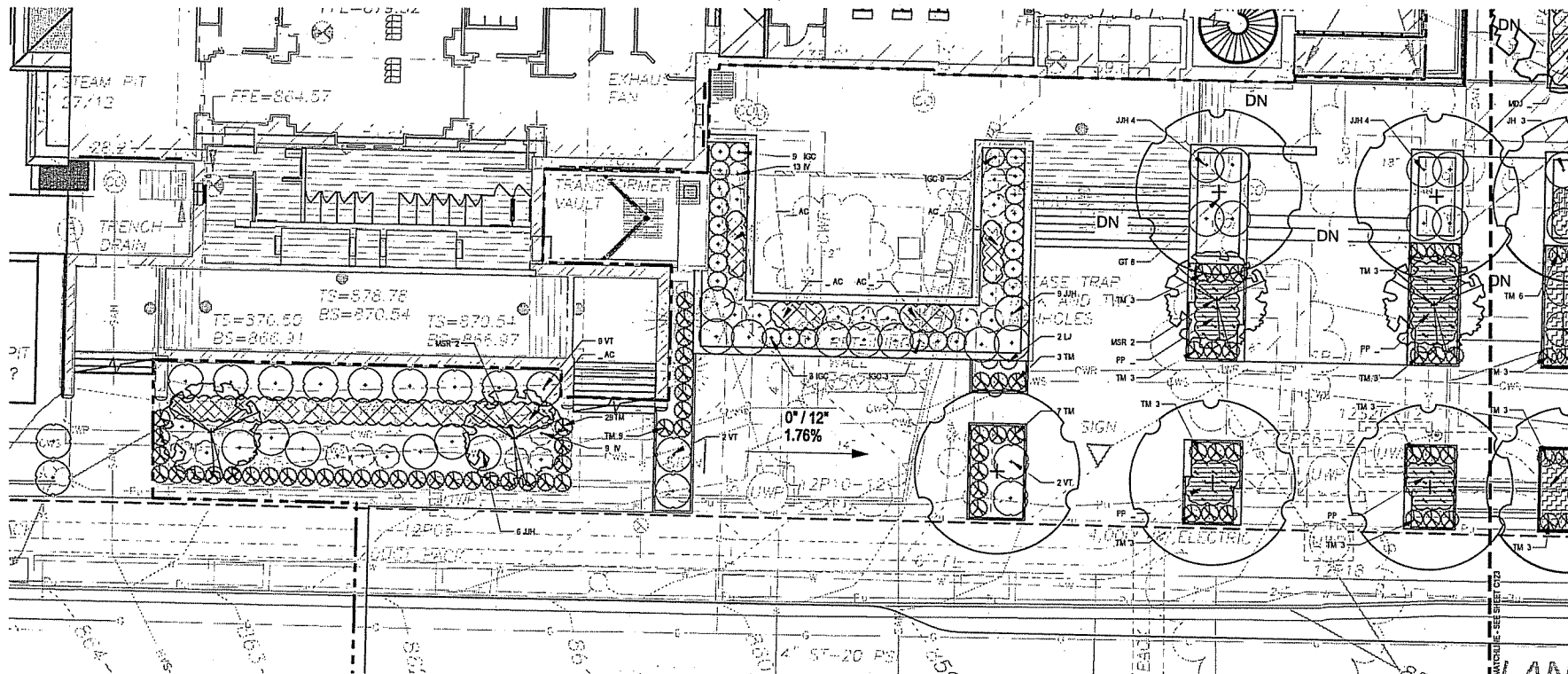
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Planting Plan

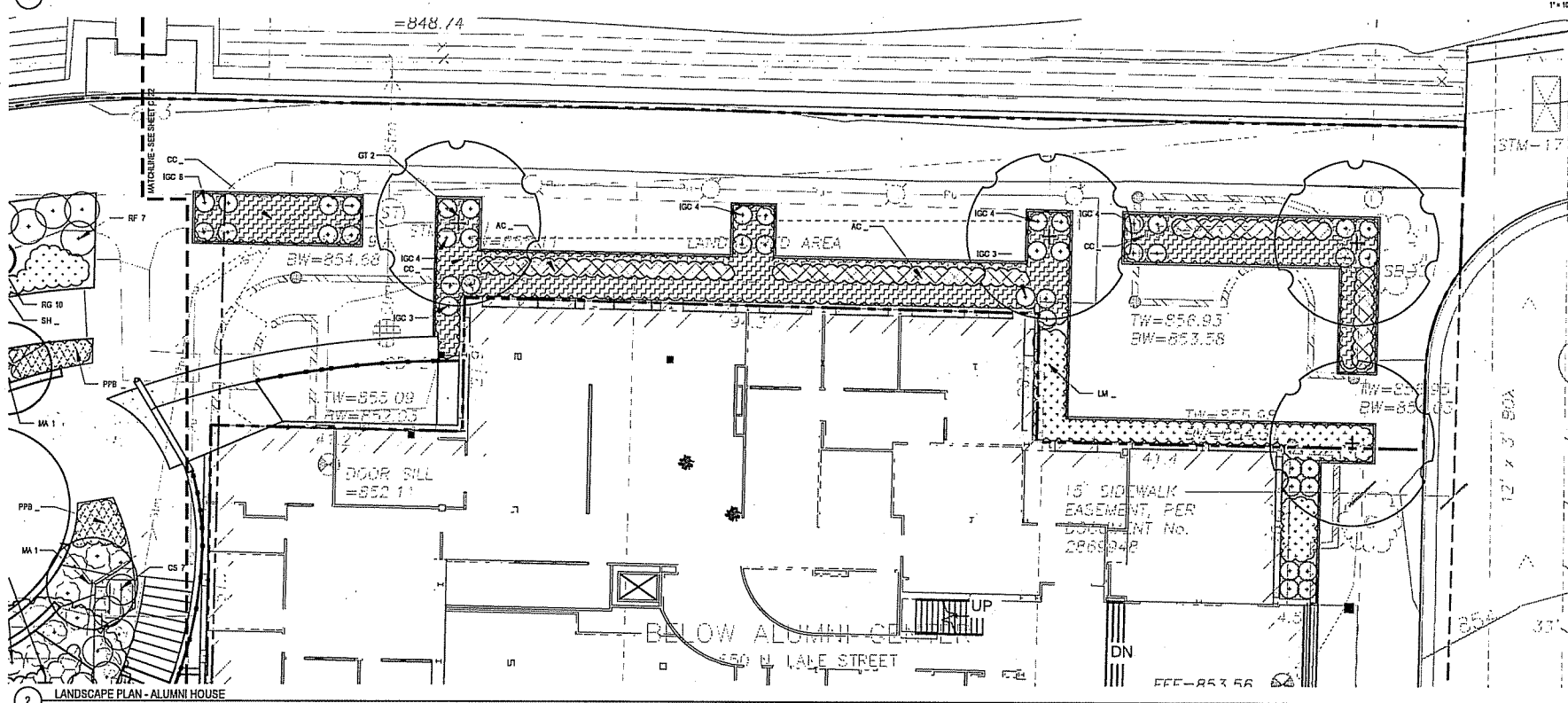
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| Revisions: | |
| 1 | 11/29/2013 |
| Graphic Scale: 0' 5' 10' 15' | |
| DFD Number: | 09K1K-01 |
| Set Type: | PR |
| Date Issued: | 11/29/2013 |
| Sheet Number: | C123 |



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1 LANDSCAPE PLAN - UNION ENTRY PLAZA



2 LANDSCAPE PLAN - ALUMNI HOUSE

| Plant List | | | | | | |
|--------------------------|---|--|-------|---------|----------------|-----------------------|
| Key | Scientific Name | Common Name | Qty | Cond. | Size | Comments |
| Shade Trees | | | | | | |
| AF | Acer & Fraxinus 'Morgen' (Indian Summer) | Alder (Indian Summer) Maple | | B&B | 3.5' Cal. | Space as shown |
| CJ | Castanopsis japonicum | Katsura Tree | | B&B | 3.5' Cal. | Space as shown |
| GT | Gleditsia bancanensis var. 'Inema Skyline' | Skyline Thornless Honey Locust | | B&B | 3.5' Cal. | Space as shown |
| GM | Quercus muhlenbergii | Chinquapin Oak | | B&B | 3.5' Cal. | Space as shown |
| GR | Quercus rubra | Red Oak | | B&B | 3.5' Cal. | Space as shown |
| GS | Quercus schubertii (macrocarpa x bicolor) | Savoy Bur Oak | | B&B | 3.5' Cal. | Space as shown |
| Ornamental Trees | | | | | | |
| AL | Amelanchier x borealis | Balkan® Serviceberry | | B&B | 7-8' HL | Clump |
| BN | Betula nigra 'Heritage' | Heritage River Birch | | B&B | 10' HL | sub-4m space as shown |
| CA | Cornus alternifolia 'Pagoda' | Pagoda Dogwood | | B&B | 8' HL | space as shown |
| MA | Malus 'Adirondack' | Adirondack Crapapple | | B&B | 1.5 Cal. | Space as shown |
| MS | Malus 'Supertree' PP 7662 | Supertree Crapapple | | B&B | 1.5 Cal. | Space as shown |
| MSH | Magnolia x stellata 'Royal Star' | Royal Star Magnolia | | B&B | 7-8' HL | Space as shown |
| PT | Populus tremuloides | Quaking Aspen | | B&B | 14' HL | space as shown |
| Evergreen Trees | | | | | | |
| PA | Pinus abies 'Imperial' | Serbian Spruce | | B&B | 7-8' HL | space as shown |
| PC | Pinus canadensis | Swiss Stone Pine | | B&B | 7-8' HL | space as shown |
| TC | Thuja canadensis | Canadian Hemlock | | B&B | 10' HL | space as shown |
| TD | Thuja occidentalis 'Tetz Wintergreen' | Heiz Wintergreen Arborvitae | | B&B | 12' HL | space as shown |
| Deciduous Shrubs | | | | | | |
| CAS | Cornus alba 'Sonnekanal' | Sakura Candy Summerweil | cont. | #5 | 7' O.C. | native |
| CD | Cornus stolonifera 'Alenka Dwarf' | Alenka Dwarf Dogwood | cont. | #5 | 4' O.C. | native |
| FD | Fothergilla gardenii | Dwarf Fothergilla | cont. | #5 | 4' O.C. | native |
| FM | Fothergilla major | Large Fothergilla | cont. | #5 | 4' O.C. | native |
| HT | Hydrangea paniculata 'Tardiva' | Tardiva Hydrangea | B&B | 2.5' HL | space as shown | |
| HM | Hydrangea macrophylla 'Lanarth White' | Lanarth White Lacecap Hydrangea | B&B | 2.5' HL | space as shown | |
| TV | Thuja virginica 'Spartan' | Little Henry Dwarf Virginia Sweetgum | B&B | 2.5' HL | space as shown | |
| RF | Rosa 'Flower Carpet White' | Flower Carpet Red Stump Rose | cont. | #3 | space as shown | |
| RD | Rosa 'parviflora' 'Go-Go' | Go-Go Rose | cont. | #3 | space as shown | |
| RK | Rosa 'Knock Out Red Flowering' | White Flowering Knock Out Shrub Rose | cont. | #3 | space as shown | |
| SJ | Spiraea japonica 'Little Princess' | Little Princess Spiraea | B&B | 2.5' HL | space as shown | |
| VD | Viburnum carolinense | Korean Spice Viburnum | B&B | 3' HL | space as shown | |
| VP | Viburnum plicatum var. 'boreale' 'Popcorn' | Popcorn Viburnum | B&B | 3' HL | space as shown | |
| VT | Viburnum trilobum 'Waikeby Compact' | Compact American Cranberry Bush Viburnum | B&B | 3' HL | space as shown | |
| Coniferous Shrubs | | | | | | |
| BM | Buxus microphylla var. 'Common Green Mound' | Green Mound Boxwood | B&B | 10' HL | space as shown | |
| CB | Comptonia peregrina 'Chamaeleon' | Hardy Inkberry Holly | B&B | 7' HL | space as shown | |
| JH | Juniperus horizontalis 'Blue Chip' | Blue Chip Juniper | cont. | #5 | space as shown | |
| JH2 | Juniperus horizontalis 'Hughes' | Hughes Juniper | cont. | #5 | space as shown | |
| JSM | Juniperus sibirica 'Siberian' | Siberian Juniper | cont. | #5 | space as shown | |
| PM | Prunus mugo 'Compacta' | Compact Mugo Pine | cont. | #3 | space as shown | |
| TC | Taxus cuspidata 'Minibo' | Emerald Spreader Japanese Yew | cont. | #3 | space as shown | |
| TE | Taxus media 'Emerald' | Emerald Yew | cont. | #3 | space as shown | |
| TOL | Thuja occidentalis 'Little Giant' | Little Giant Dwarf Arborvitae | cont. | #5 | space as shown | |
| Grasses | | | | | | |
| PV | Panicum virgatum 'Prairie Sky' | Prairie Sky Blue Switch Grass | cont. | #1 | space as shown | |
| SH | Sporobolus holcus | Prairie Dropseed (IA Native) | cont. | #1 | space as shown | |
| SB | Schizachyrium scoparium 'The Blues' | The Blues Little Bluestem (IA Native) | cont. | #1 | space as shown | |
| Perennials | | | | | | |
| AC | Asplenium adnigrum 'Winky Red & White' | Winky Red & White Columbine | cont. | #1 | 18" O.C. | |
| AD | Asplenium adnigrum 'Deutschland' | Deutschland Asplenium | cont. | #1 | 30" O.C. | |
| AR | Asplenium adnigrum 'Red Sentinel' | Red Sentinel Asplenium | cont. | #1 | 30" O.C. | |
| AM | Achillea millefolium 'Tad Valley' | Tad Valley Yarrow | cont. | #1 | 18" O.C. | |
| BD | Hosta 'Big Daddy' | Big Daddy Plantain Lily | cont. | #1 | space as shown | |
| BY | Heuchera x villosa 'Alba' | Alba Coral Bells | cont. | #1 | 8" O.C. | |
| GR | Geranium 'Orlando' | Orlando Red Bearded Iris | cont. | #1 | 8" O.C. | |
| IM | Impatiens 'Inverloch' | Inverloch Bearded Iris | cont. | #1 | 8" O.C. | |
| MOJ | Moroneja 'Jacob Cline' | Jacob Cline Bee Balm | cont. | #1 | 12" O.C. | |
| SW | Moroneja 'Snow White' | Snow White Bee Balm | cont. | #1 | 12" O.C. | |
| PP | Phlox paniculata 'Barbary' | Volcano Red Phlox | cont. | #3 | space as shown | |
| PP2 | Phlox paniculata 'Barbary' | Volcano White Phlox | cont. | #1 | 12" O.C. | |
| EA | Scabiosa 'Autumn Joy' | Autumn Joy Shinerip | cont. | #1 | space as shown | |
| EB | Stachys byzantina 'Big Ears' | Big Ears Lamb's Ear | cont. | #1 | space as shown | |
| SS | Saxifraga x rylabris 'Snow Hill' | Snow Hill Meadow Sage | cont. | #1 | space as shown | |
| Vines | | | | | | |
| CP | Clematis paniculata | Sweet Autumn Clematis | cont. | #1 | space as shown | |
| LJ | Lonicera japonica 'Yellow' | Yellow Japanese Honeysuckle | cont. | #1 | space as shown | |
| PT | Parthenocissus tricuspidata 'Veitchii' | Boston Ivy | cont. | #1 | space as shown | |
| Groundcovers | | | | | | |
| ARC | Aegon reptans 'Chocolate Chip' | Chocolate Chip Bugleweed | pots | 3" | 12" O.C. | |
| CC | Cornus canadensis | Burnsberry | pots | 3" | 12" O.C. | |
| LM | Liriodendron tulipifera | Lily Turf | cont. | #1 | 12" O.C. | |
| Seeding/Turf | | | | | | |
| Seed Mix | | | seed | | | |

UTILEN WILSON
MOODY-NOLAN

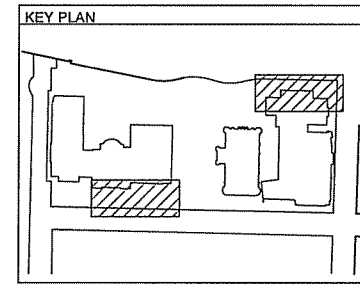
SMITHGROUPJJR
44 EAST MIFFLIN STREET
MADISON, WI 53703
608.251.1177
www.smithgroupjir.com

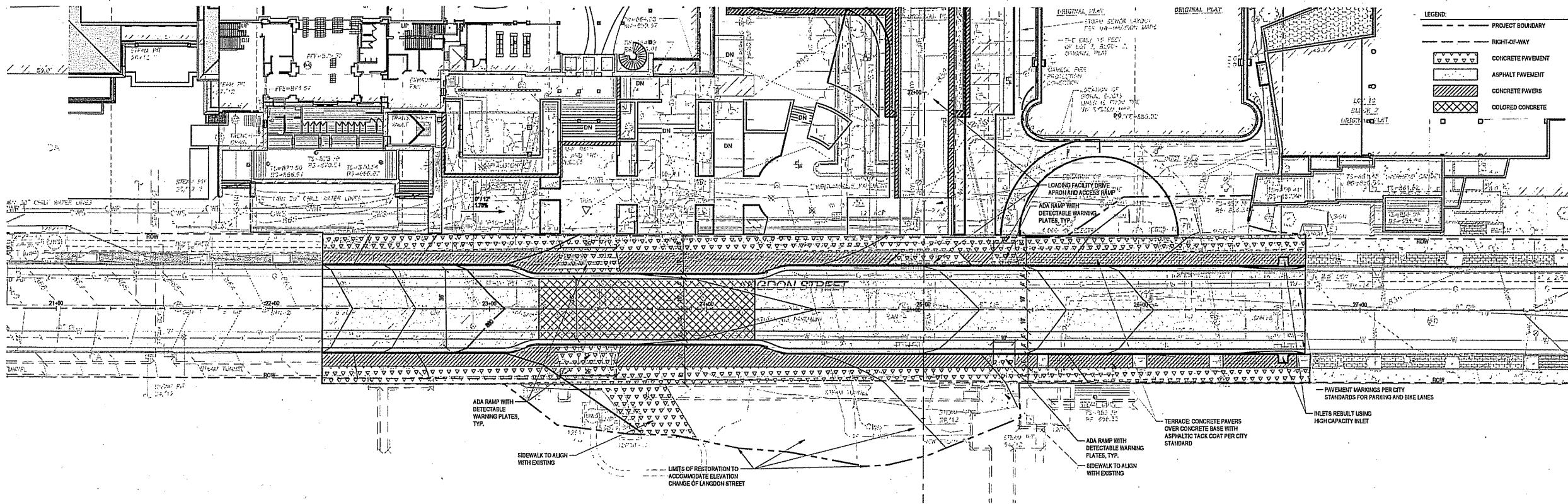
State of Wisconsin
Department of Administration
Division of Facilities Development
800 Longdon St.
Madison, WI 53706

Wisconsin Union Redevelopment
Project - Phase II/Alumni Park
University of Wisconsin - Madison
Madison, Wisconsin
Planting Plan

| Revisions: | | |
|------------|------------|-------------|
| No. | Date | Description |
| 1 | 11/29/2013 | ISSUED |

| | |
|---------------|---------------|
| Graphic Scale | 0' 5' 10' 15' |
| DFD Number | 09K1K-01 |
| Set Type | PR |
| Date Issued | 11/29/2013 |
| Sheet Number | C124 |



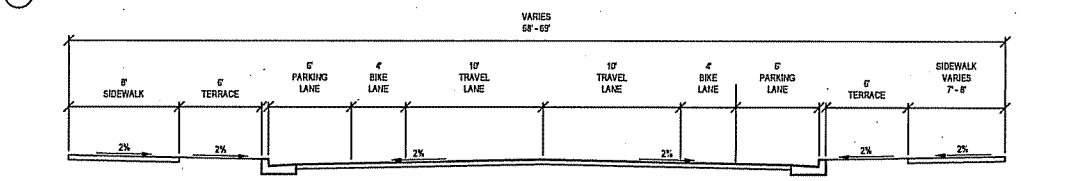


**UTILEIN WILSON
MOODY-NOLAN**

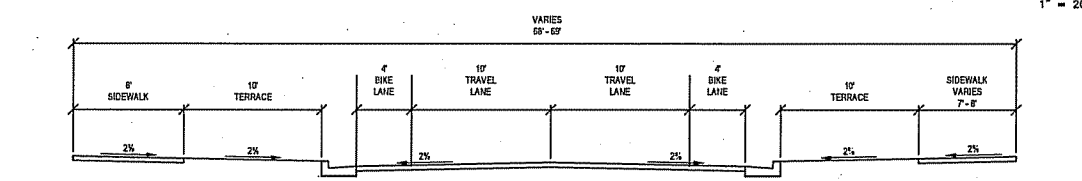
Consultant:
SMITHGROUP JJR

44 EAST MIFFLIN STREET
SUITE 500
MADISON, WI 53703
608.251.1177
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1 LANGDON STREET PLAN

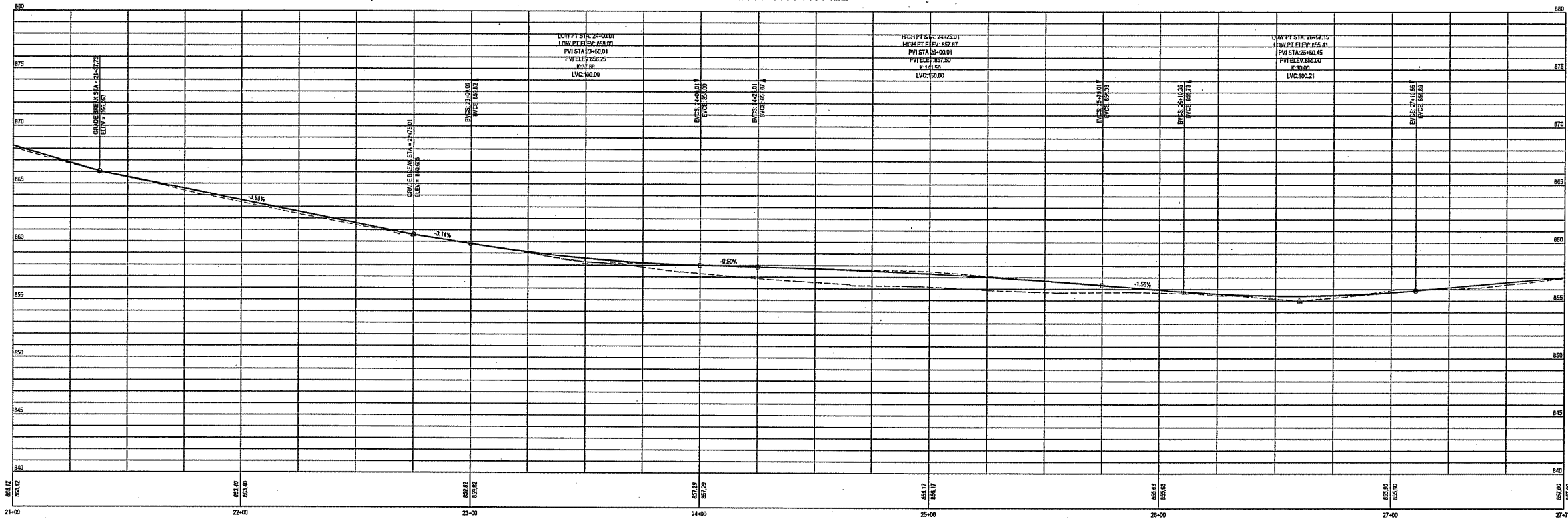


2 LANGDON SECTION - FULL



3 LANGDON SECTION - NARROW

LANGDON PROFILE



4 LANGDON STREET PROFILE

State of Wisconsin
Department of Administration
Division of Facilities Development

800 Langdon, St.
Madison, WI 53706

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Project - Phase II/Alumni Park
University of Wisconsin - Madison
Madison, Wisconsin

Langdon Street Plan and Profile

| Revisions: | | |
|------------|------------|-------------|
| No. | Date | Description |
| 1 | 11/29/2013 | ISSUED |

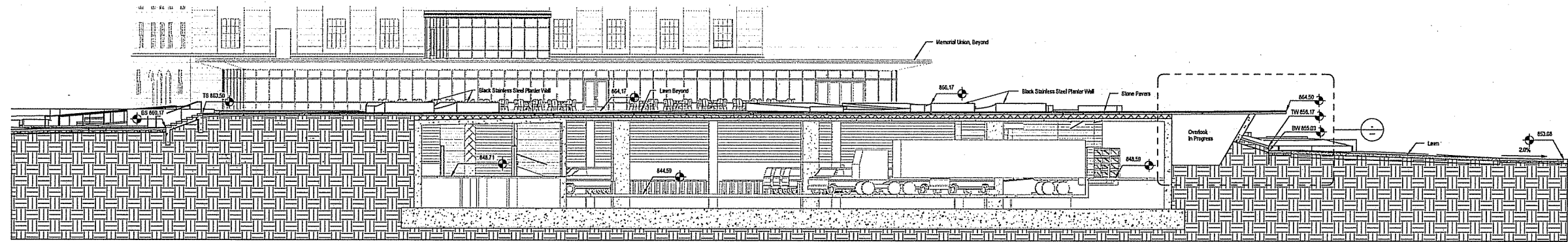
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| Graphic Scale | 0' 2' 4' 8' 12' |
| DFD Number | 09K1K-01 |
| Set Type | PR |
| Date Issued | 11/29/2013 |
| Sheet Number | C125 |

HORIZ: 1" = 20'
VERT: 1" = 4'

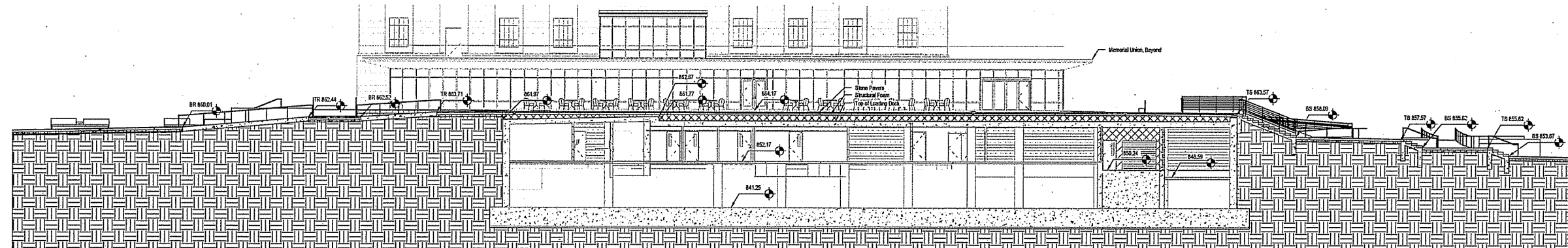
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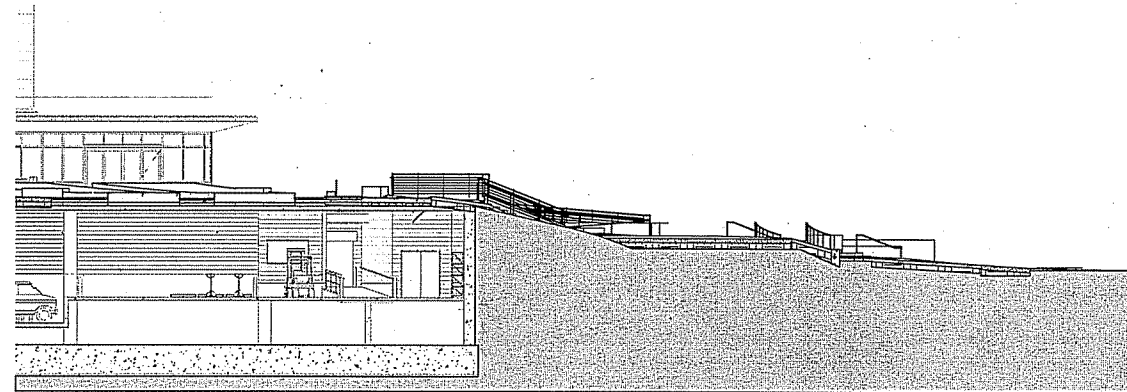
11/19/2013 2:10:57 PM



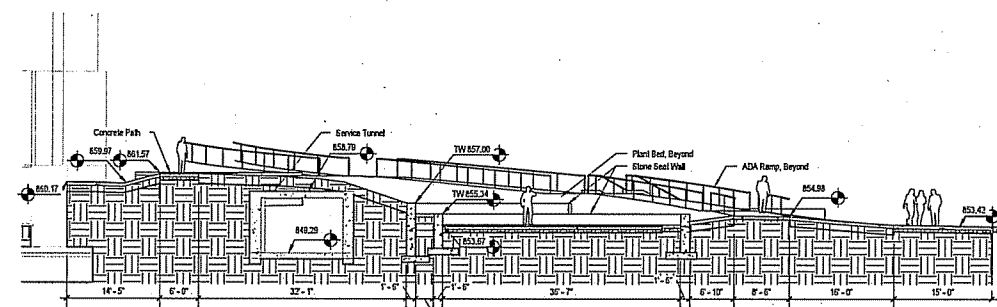
1 Alumni Walk
SCALE: 3/32" = 1'-0"



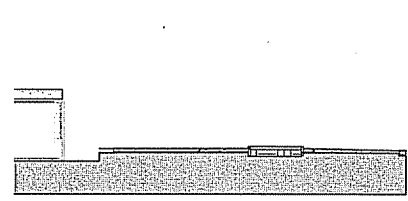
2 Alumni Park & Union Interface
SCALE: 3/32" = 1'-0"



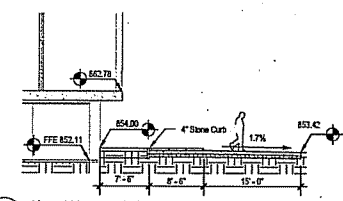
3 Alumni Picnic Knoll
SCALE: 3/32" = 1'-0"



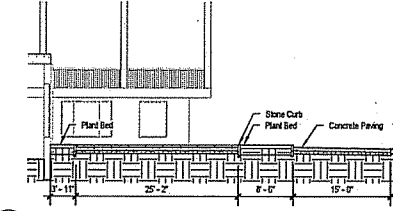
4 Alumni Classroom
SCALE: 3/32" = 1'-0"



5 Alumni House West Plaza
SCALE: 3/32" = 1'-0"




6 Alumni House at Lakeshore Path
SCALE: 3/32" = 1'-0"



7 Alumni House East Plaza
SCALE: 3/32" = 1'-0"

**UIHLEN/WILSON
MOODY+NOLAN**
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Department of Administration
Division of Facilities Development

800 Langdon St.
Madison, WI 53706

Wisconsin Union Redevelopment
Project Phase II / Alumni Park
University of Wisconsin - Madison
Madison, Wisconsin
Site Sections

Revisions:

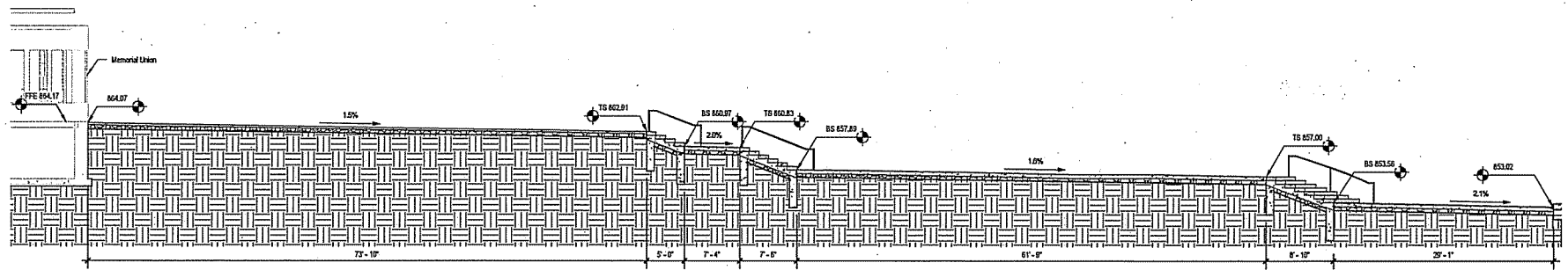
| No. | Chg. | Description |
|-----|------|-----------------------|
| 1 | | 11/28/13 SP Submittal |
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| Graphic Scale | |
| DFD Number | 9K1K-01 |
| Set Type | PR |
| Date Issued | 11/28/2013 |
| Sheet Number | C300 |

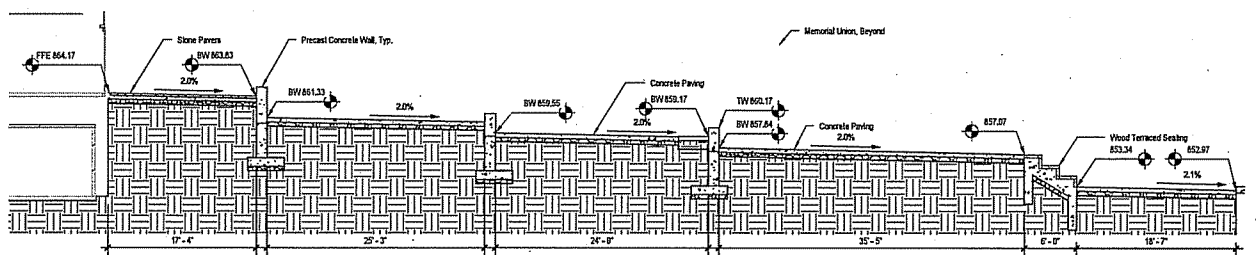


| Revisions: | |
|------------|-------------|
| No. | Description |
| 1 | 11/29/13 |

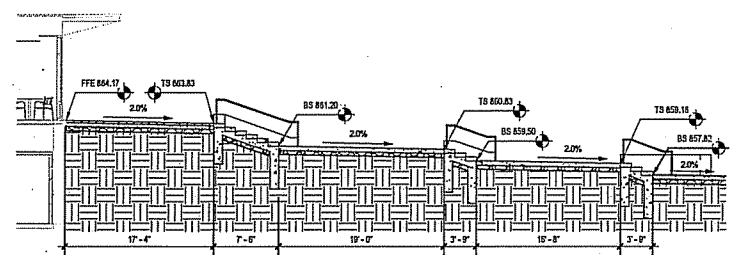
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| Graphic Scale | |
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| Set Type | PR |
| Date Issued | 11/29/2013 |
| Sheet Number | C301 |



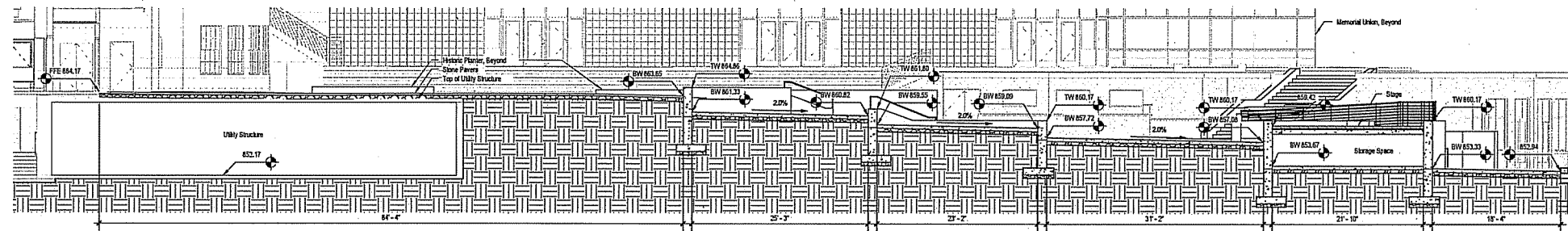
1 Union Terrace Grand Stair
SCALE: 1/8" = 1'-0"



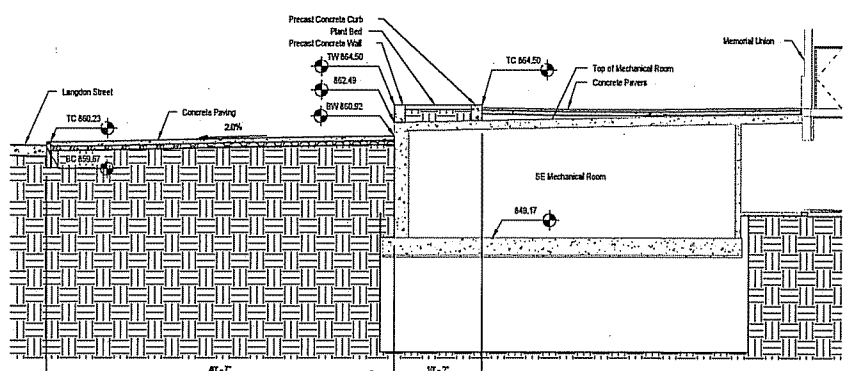
2 Union Terrace Levels
SCALE: 1/8" = 1'-0"



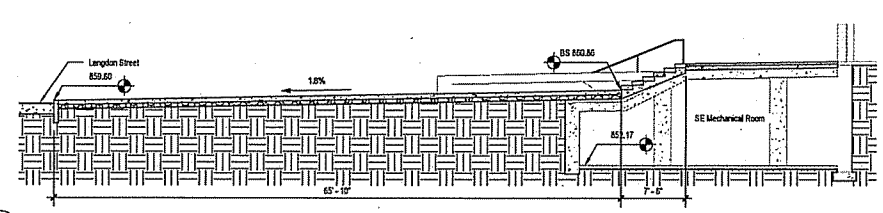
3 Union Terrace Stairs
SCALE: 1/8" = 1'-0"



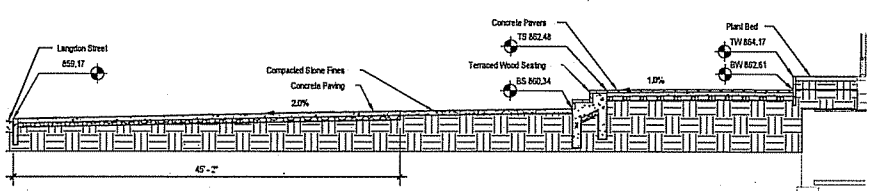
4 Union Terrace Historic Plaza
SCALE: 1/8" = 1'-0"



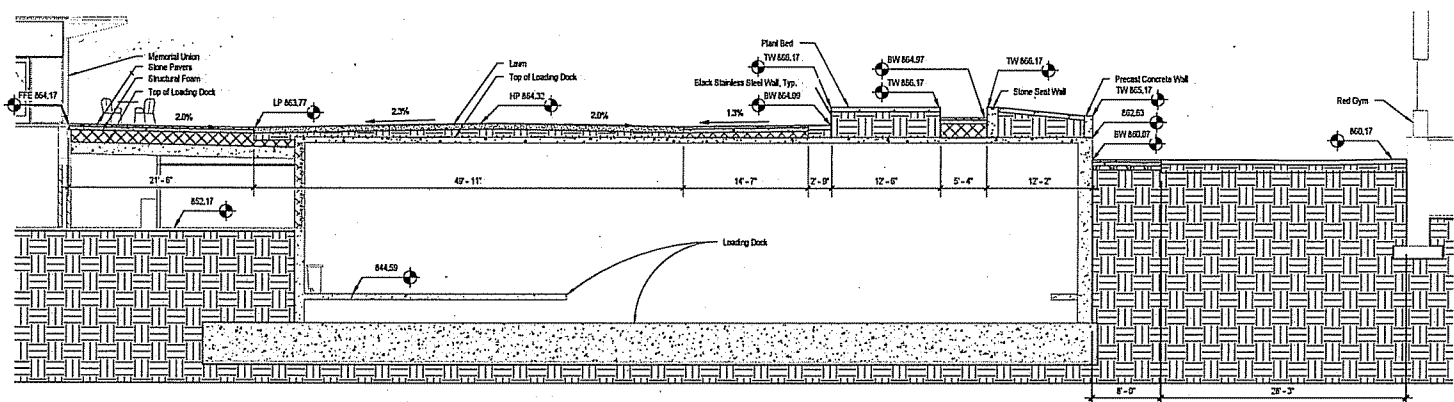
5 Union Southeast Entry Plaza
SCALE: 1/8" = 1'-0"



6 Union Southeast Entry Grand Stair
SCALE: 1/8" = 1'-0"



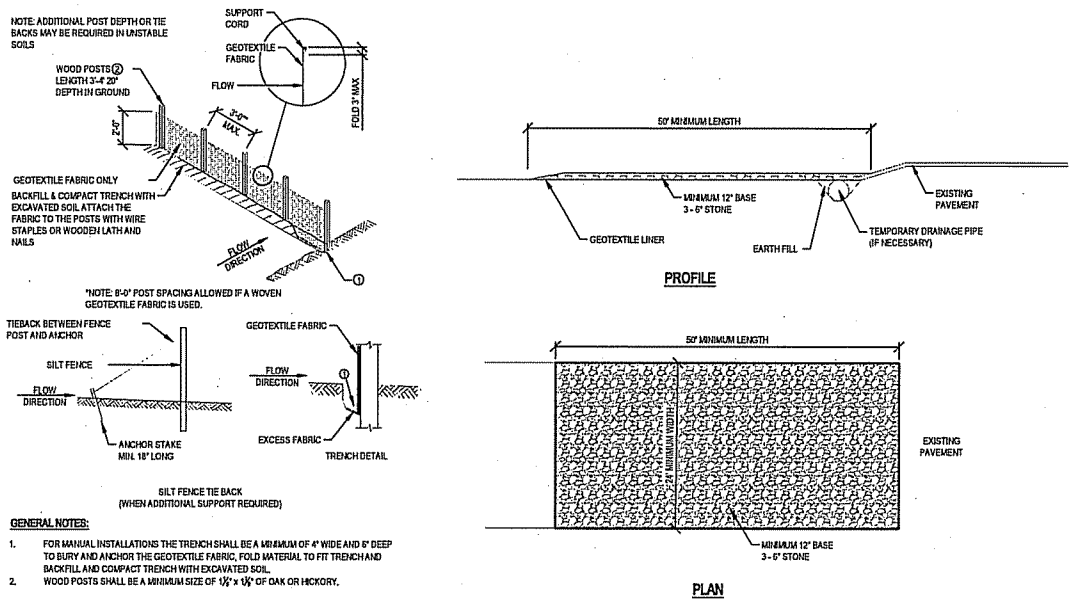
7 Union Southeast Entry Terrace Seating
SCALE: 1/8" = 1'-0"



8 Alumni Loading Dock
SCALE: 1/8" = 1'-0"

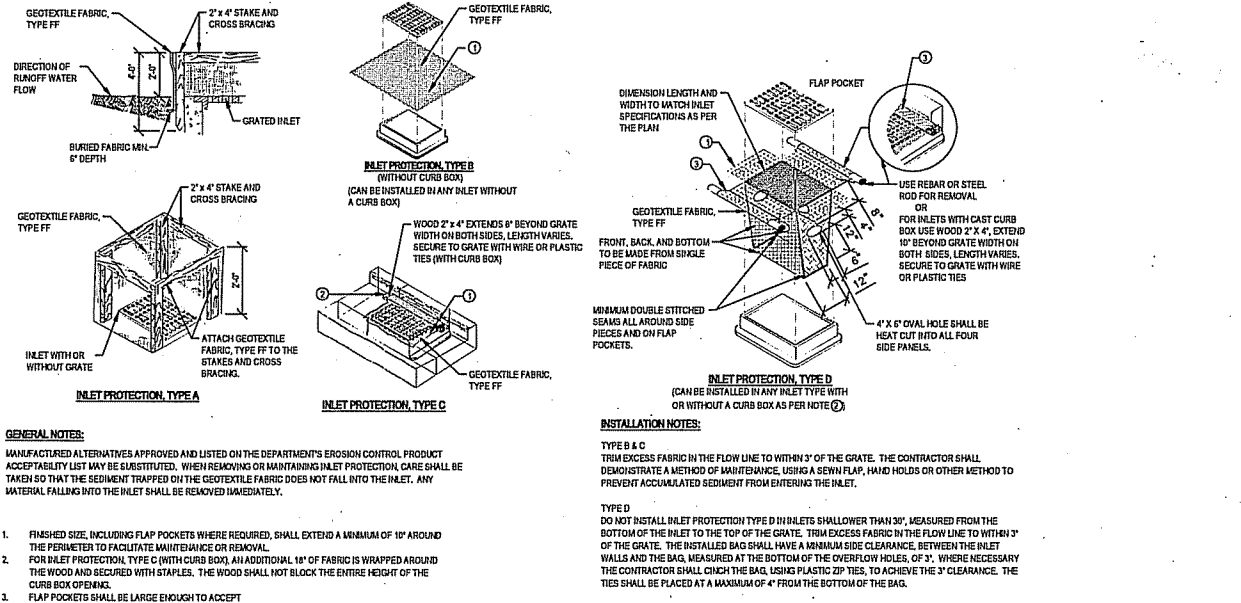
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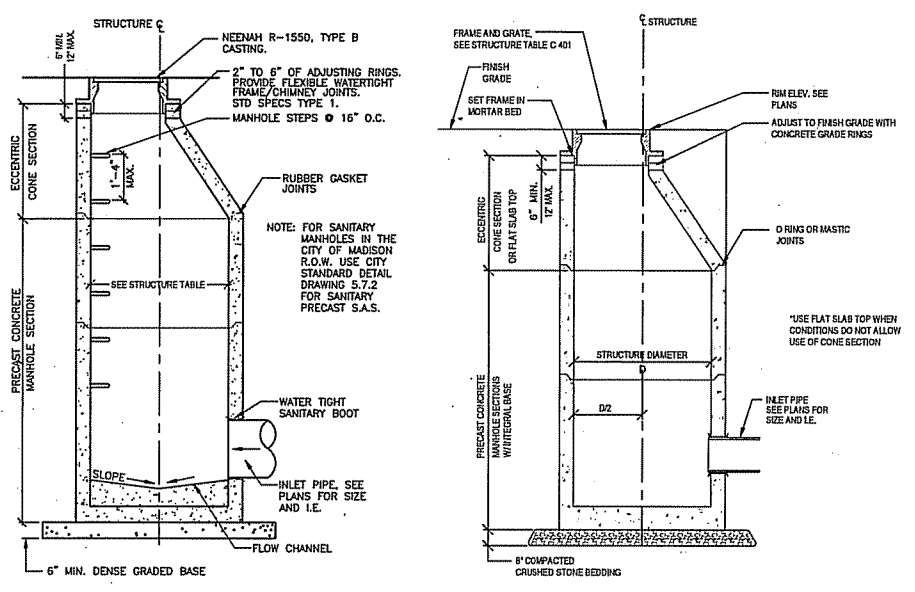


1 SILT FENCE NOT TO SCALE

2 STONE TRACKING PAD NOT TO SCALE

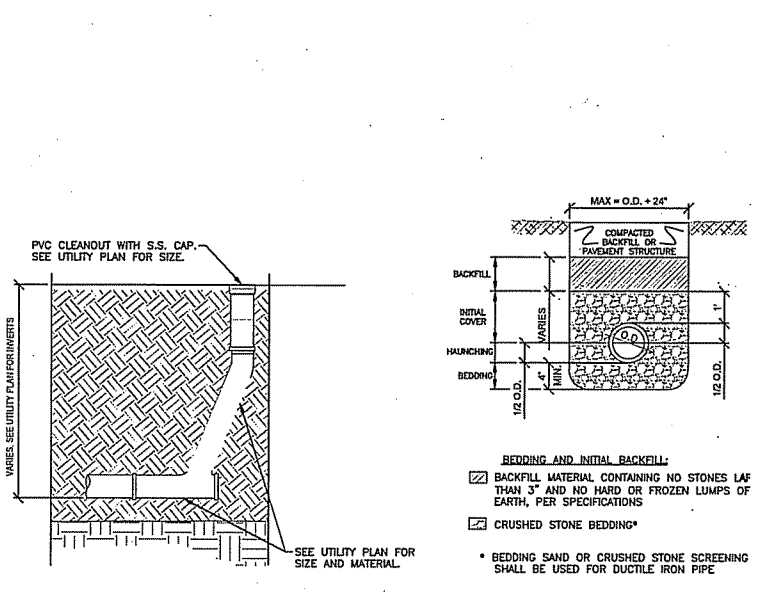


3 INLET PROTECTION NOT TO SCALE



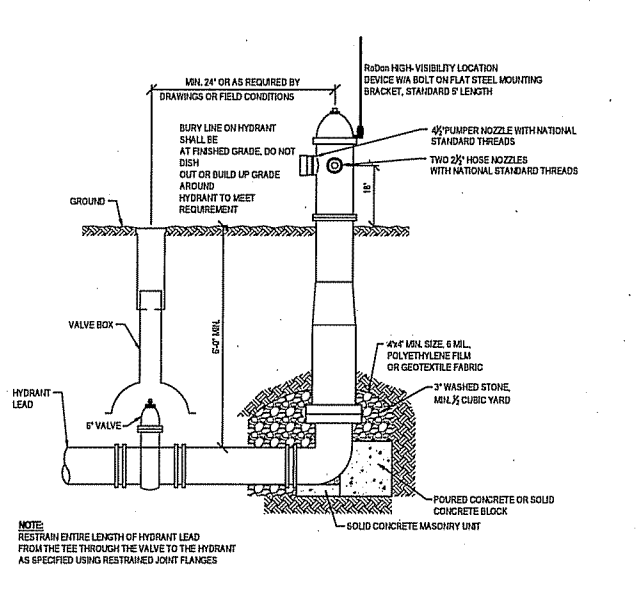
4 SANITARY MANHOLE NOT TO SCALE

5 STORM MANHOLE NOT TO SCALE

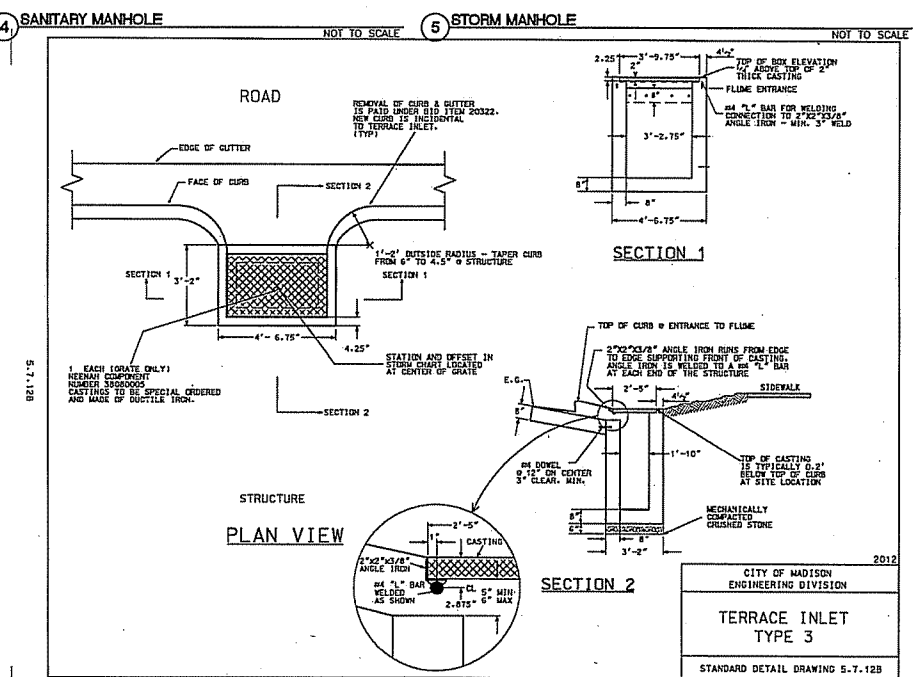


6 CLEANOUT NOT TO SCALE

7 PIPE BEDDING NOT TO SCALE



8 FIRE HYDRANT NOT TO SCALE



9 HIGH CAPACITY INLET - CITY STANDARD 57.12B

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Consultant:
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44 EAST MIFFLIN STREET
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State of Wisconsin
Department of Administration
Division of Facilities Development

800 Longdon St.
Madison, WI 53706

Wisconsin Union Redevelopment
Project - Phase II/Alumni Park
University of Wisconsin - Madison
Madison, Wisconsin

Erosion Control and Utility Details

| Revisions: | | |
|------------|-----------|-------------|
| Rev. | Chg. | Description |
| 1 | 1/23/2013 | 09K1K-01 |

| | |
|---------------|-----------------|
| Graphic Scale | 0' 2' 4' 8' 12' |
| DFD Number | 09K1K-01 |
| Set Type | PR |
| Date Issued | 11/29/2013 |
| Sheet Number | C508 |

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