

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

INDEX OF SHEETS

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SHEET NO. D2	TYPICAL SECTIONS
SHEET NO. D3-D4	DETAIL - TERRACE SUPPORT SYSTEMS
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SHEET NO. PM1-PM2	MARKING PLANS
SHEET NO. L1	LANDSCAPING PLAN
SHEET NO. X1-X2	CROSS SECTIONS

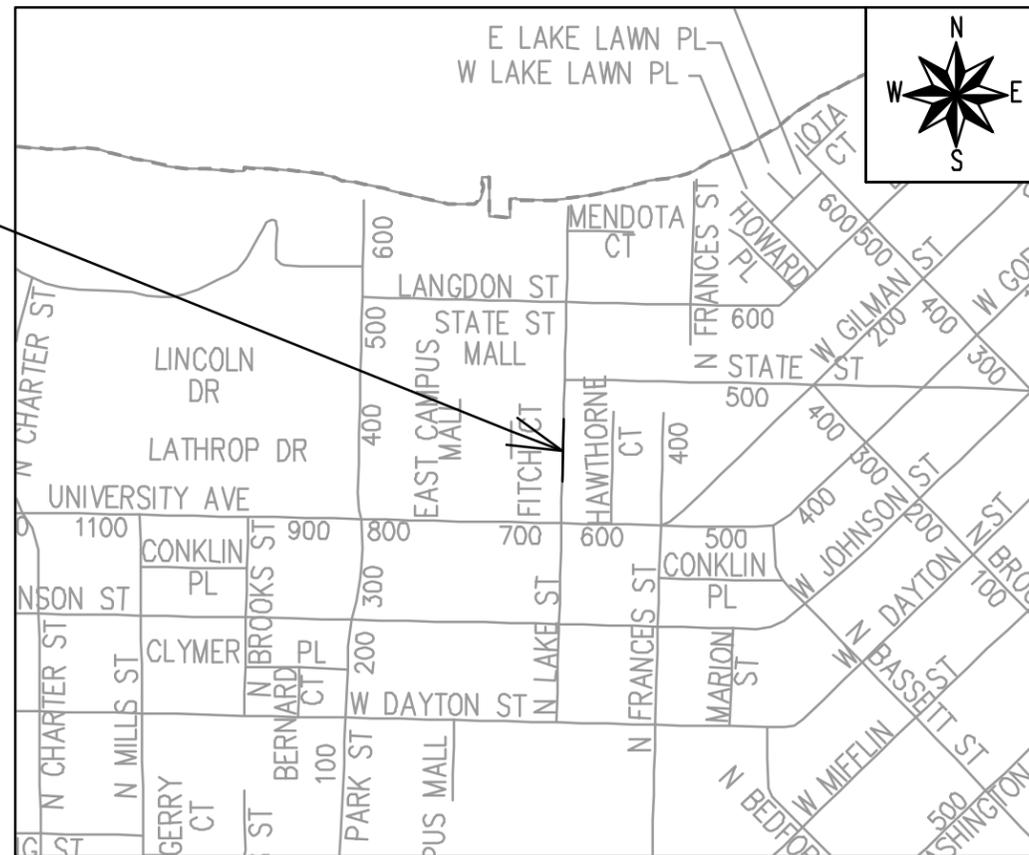
NO MAINTENANCE PLAN REQUIRED

415 N LAKE ST - STATE STREET

CAMPUS GARAGE MIXED USE

CITY PROJECT NO. 14892
CONTRACT NO. 9360

PROJECT
LOCATION



REVISION 1 - 09/02/2025
- SHEETS REPLACED: P1
REVISION 2 - 12/11/2025
- SHEETS REPLACED: P1
REVISION 3 - 03/25/2026
- SHEETS REPLACED: E1

PUBLIC IMPROVEMENT PROJECT APPROVED

OCTOBER 17, 2023

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

Jan 28, 2025

City Engineer

Date

STREET DESIGNED BY:



Jan 28, 2025

ELECTRICAL DESIGNED BY:



Jan 28, 2025

PAVEMENT MARKINGS DESIGNED BY:



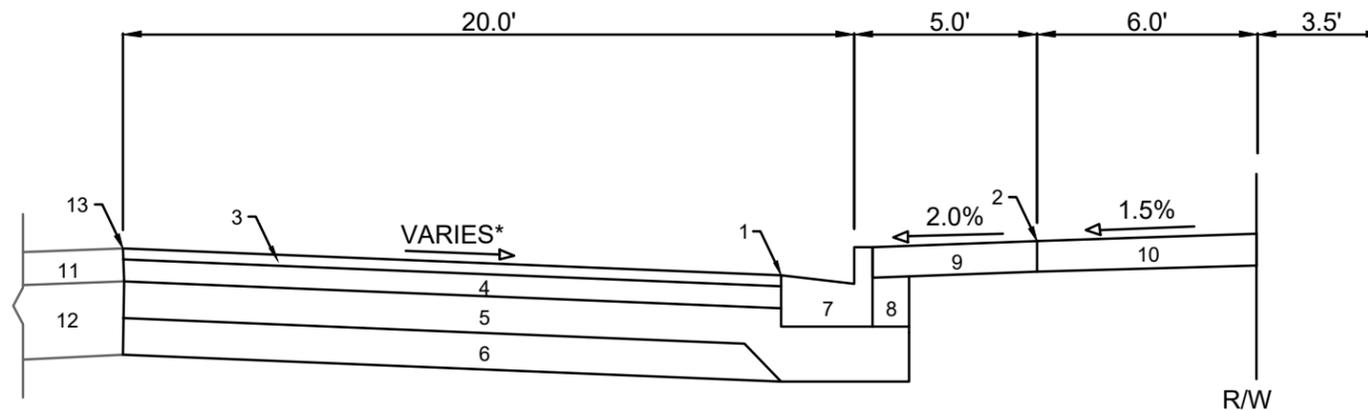
Jan 28, 2025

PLOT SCALE: 1 IN = 1 FT XREF

PLOT NAME: ---

REV. DATE: 1/28/2025 7:19 AM

ORIGINATOR: CITY OF MADISON



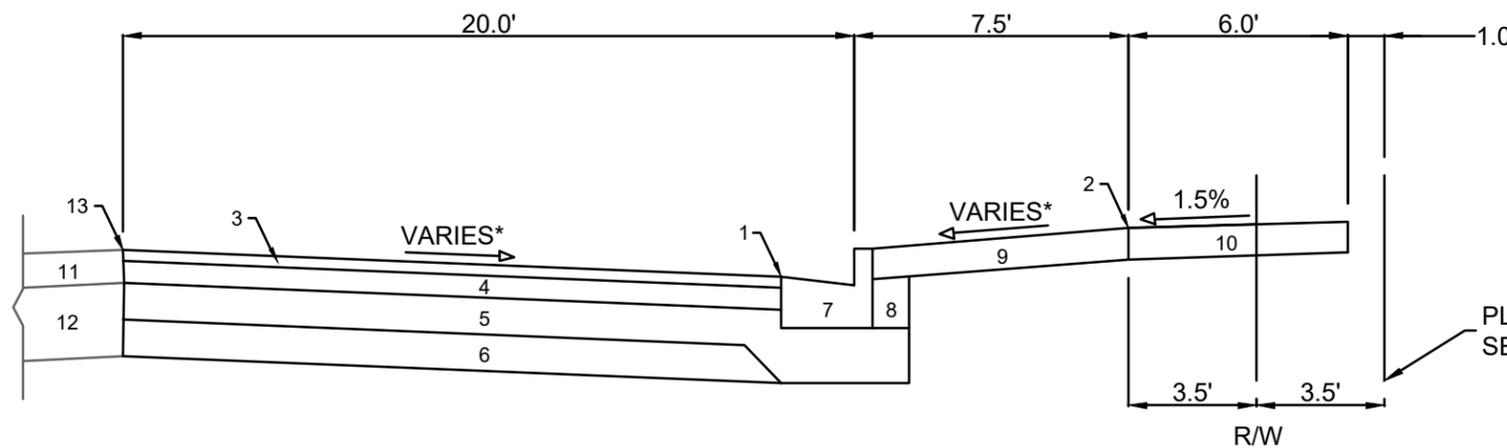
**TYPICAL SECTION
N LAKE ST
STA 0+81.21 TO STA 1+53.61**

PLE
SEE DOC NO. 5936596

- 1 POINT REFERRED TO ON PROFILE FOR EDGE OF PAVEMENT
- 2 POINT REFERRED TO ON PROFILE FOR FRONT OF SIDEWALK
- 3 2.00" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S**
- 4 3.50" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S**
- 5 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 2**
- 6 6.00" CRUSHED AGGREGATE BASE COURSE GRADATION 1**
- 7 CONCRETE CURB AND GUTTER TYPE 'A'.
- 8 FILL
- 9 5.00" CONCRETE TERRACE
- 10 5.00" CONCRETE SIDEWALK
- 11 EX. PAVEMENT TO REMAIN
- 12 EX. BASE COURSE TO REMAIN
- 13 PROPOSED SAWCUT LOCATION

SPECIAL NOTES:

- * SEE P & X SHEETS FOR CROSS SLOPES AND WIDTHS
- ** TO BE CONSTRUCTED UNDER CITY PROJECT NO. 14636. NOT PART OF THIS PROJECT



**TYPICAL SECTION
N LAKE ST
STA 0+45.23 TO STA 0+81.21
STA 1+53.61 TO STA 2+95.44**

PLE
SEE DOC NO. 5936596

- 1 POINT REFERRED TO ON PROFILE FOR EDGE OF PAVEMENT
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SPECIAL NOTES:

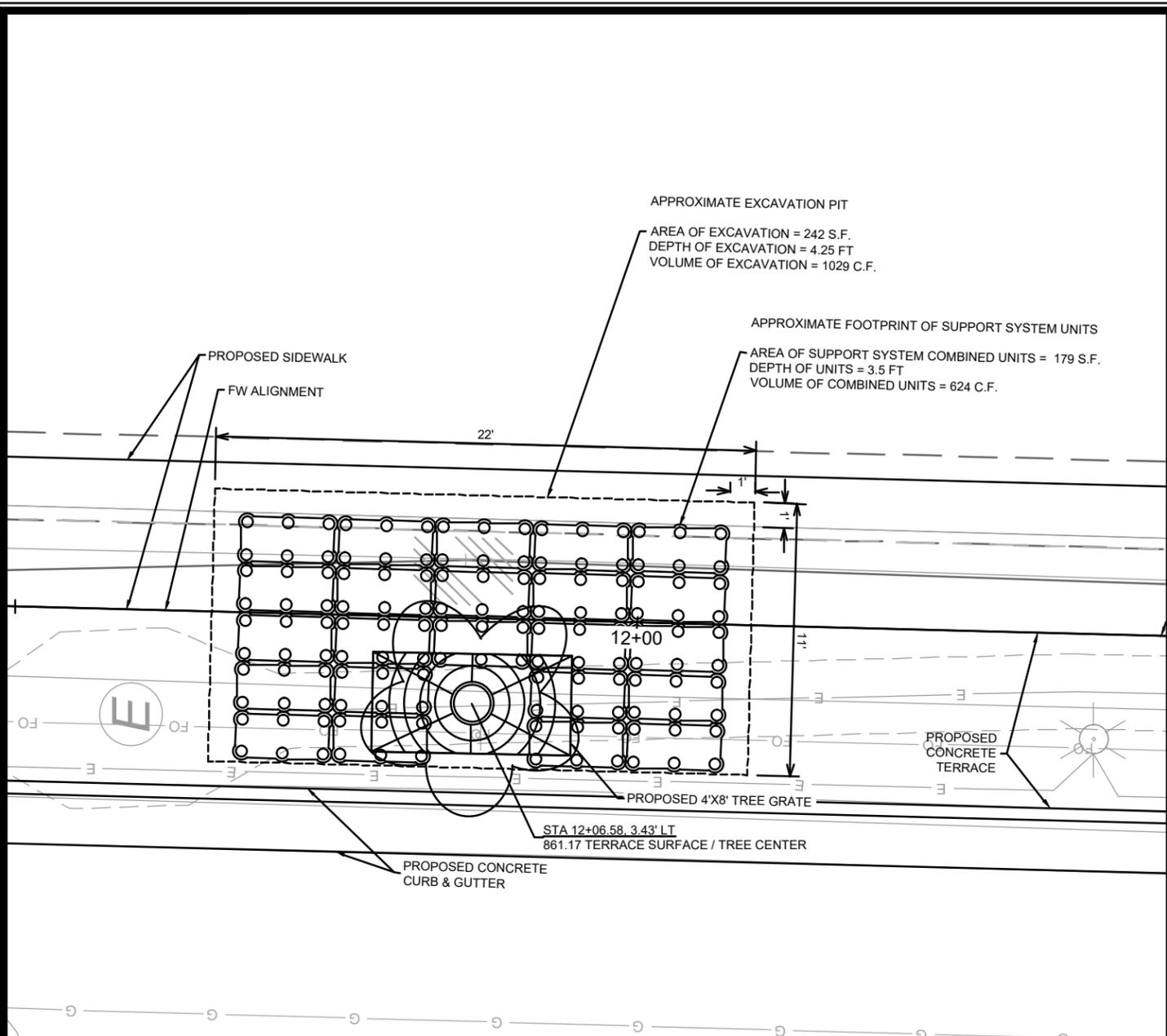
- * SEE P & X SHEETS FOR CROSS SLOPES AND WIDTHS
- ** TO BE CONSTRUCTED UNDER CITY PROJECT NO. 14636. NOT PART OF THIS PROJECT

DATE	BY
1/28/2025	AM
REVISION	SCALE
14892	D-2

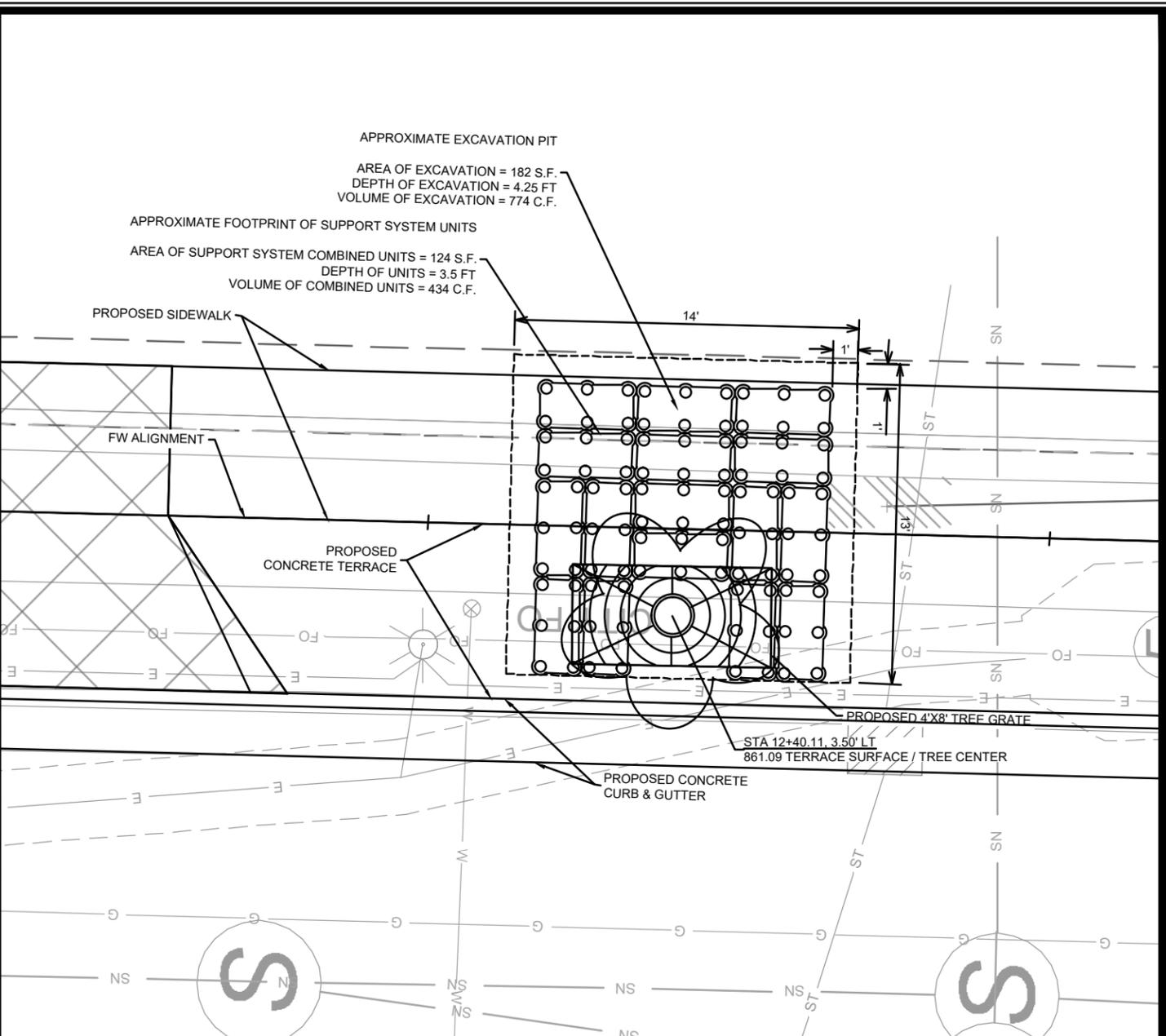
14892
MADISON, WI
415 N LAKE ST - STATE STREET CAMPUS GARAGE MIXED USE
CONTRACT NO.: 9360
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14892
D-2



**DETAIL TSS-3
TERRACE SUPPORT SYSTEM
HORIZONTAL LAYOUT**



**DETAIL TSS-4
TERRACE SUPPORT SYSTEM
HORIZONTAL LAYOUT**

SPECIAL NOTES

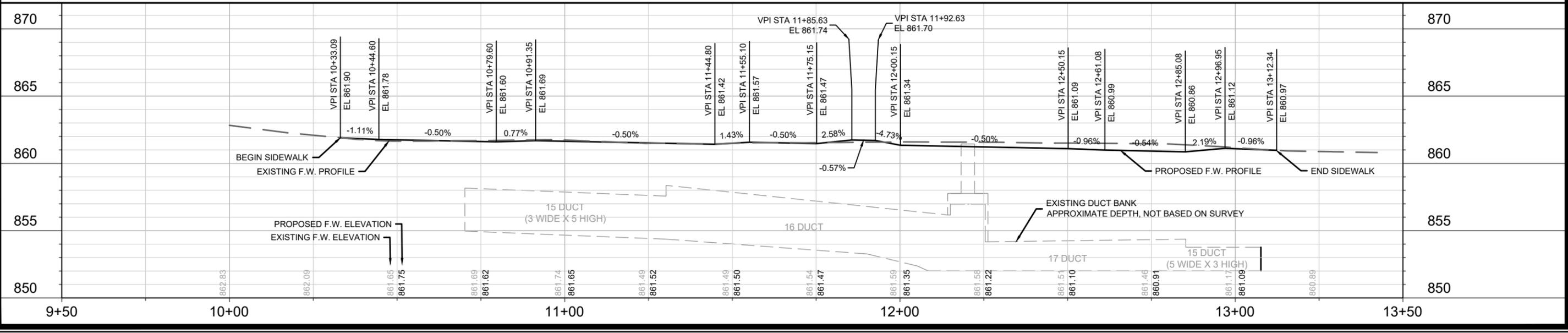
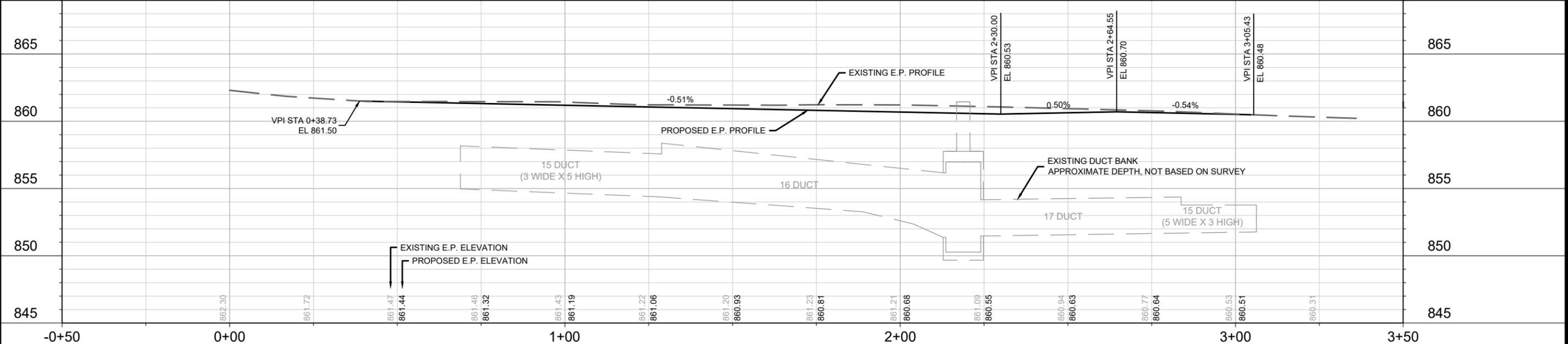
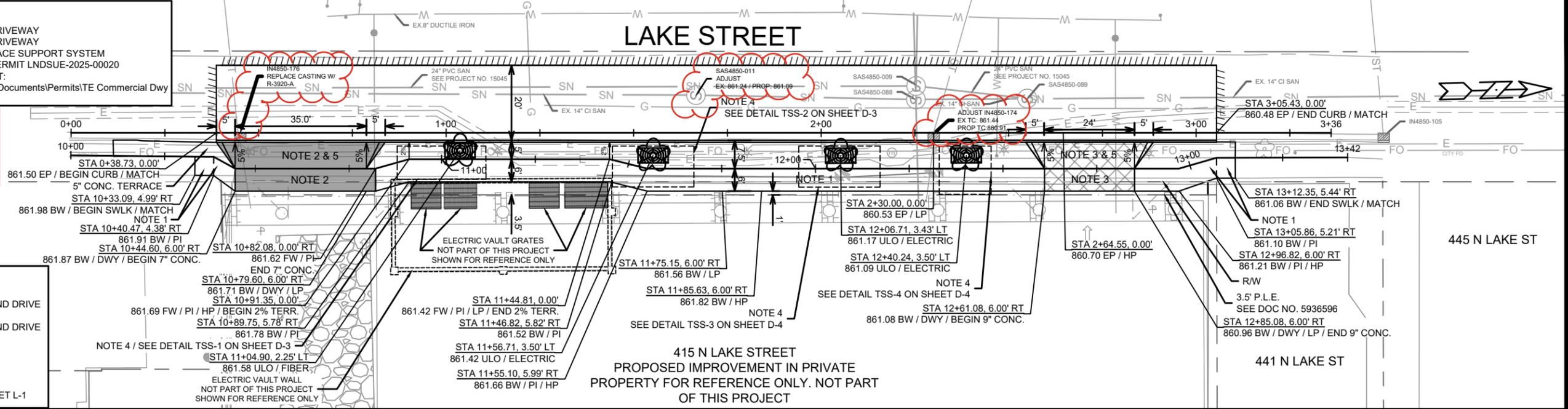
1. TERRACE SUPPORT SYSTEM DIMENSIONS ARE BASED ON APPROVED BRAND, SILVA CELL BY DEEP ROOT. THE CONTRACTOR CAN INSTALL ANY OF THE APPROVED BRANDS AS DESCRIBED IN ARTICLE 214 OF THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. IF THE BRAND SELECTED BY THE CONTRACTOR IS NOT APPROVED BY THE CITY, THE CONTRACTOR SHALL SUBMIT THE PRODUCT SPECIFICATIONS TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
2. TERRACE SUPPORT SYSTEMS SHALL BE INSTALLED PER S.D.D. 2.16 OF THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS.
3. THE TERRACE SUPPORT SYSTEM LAYOUT IS APPROXIMATE AND IS SUBJECT TO MODIFICATIONS IN THE FIELD BY THE CONSTRUCTION ENGINEER BASED ON UTILITY CONFLICTS OR SPACE RESTRICTIONS.
4. SEE SHEET L-1 FOR TREE SPECIES

14892	MADISON, WI	9360	D-4
CONTRACT NO. 9360			
DETAILS - TERRACE SUPPORT SYSTEM			
415 N LAKE ST - STATE STREET CAMPUS GARAGE MIXED USE			
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14892		D-4	

- NOTES**
- 5" CONCRETE SIDEWALK
 - 7" CONCRETE SIDEWALK AND DRIVEWAY
 - 9" CONCRETE SIDEWALK AND DRIVEWAY
 - APPROXIMATE AREA FOR TERRACE SUPPORT SYSTEM
 - SEE COMMERCIAL DRIVEWAY PERMIT LNSUE-2025-00020 COMMERCIAL DRIVEWAY PERMIT:
M:\DESIGN\Projects\14892\Project Documents\Permits\TE Commercial Dwy Permit

REVISION 2 - 12/11/25
 - ADDED CALLOUTS FOR CASTING ADJUSTMENTS
 - REPLACEMENT OF CASTING FOR IN4850-176

- LEGEND**
- 7" CONCRETE SIDEWALK AND DRIVE
 - 9" CONCRETE SIDEWALK AND DRIVE
 - 4'X8' TREE GRATE
 - SAWCUT PAVEMENT
 - PROPOSED TREE; SEE SHEET L-1

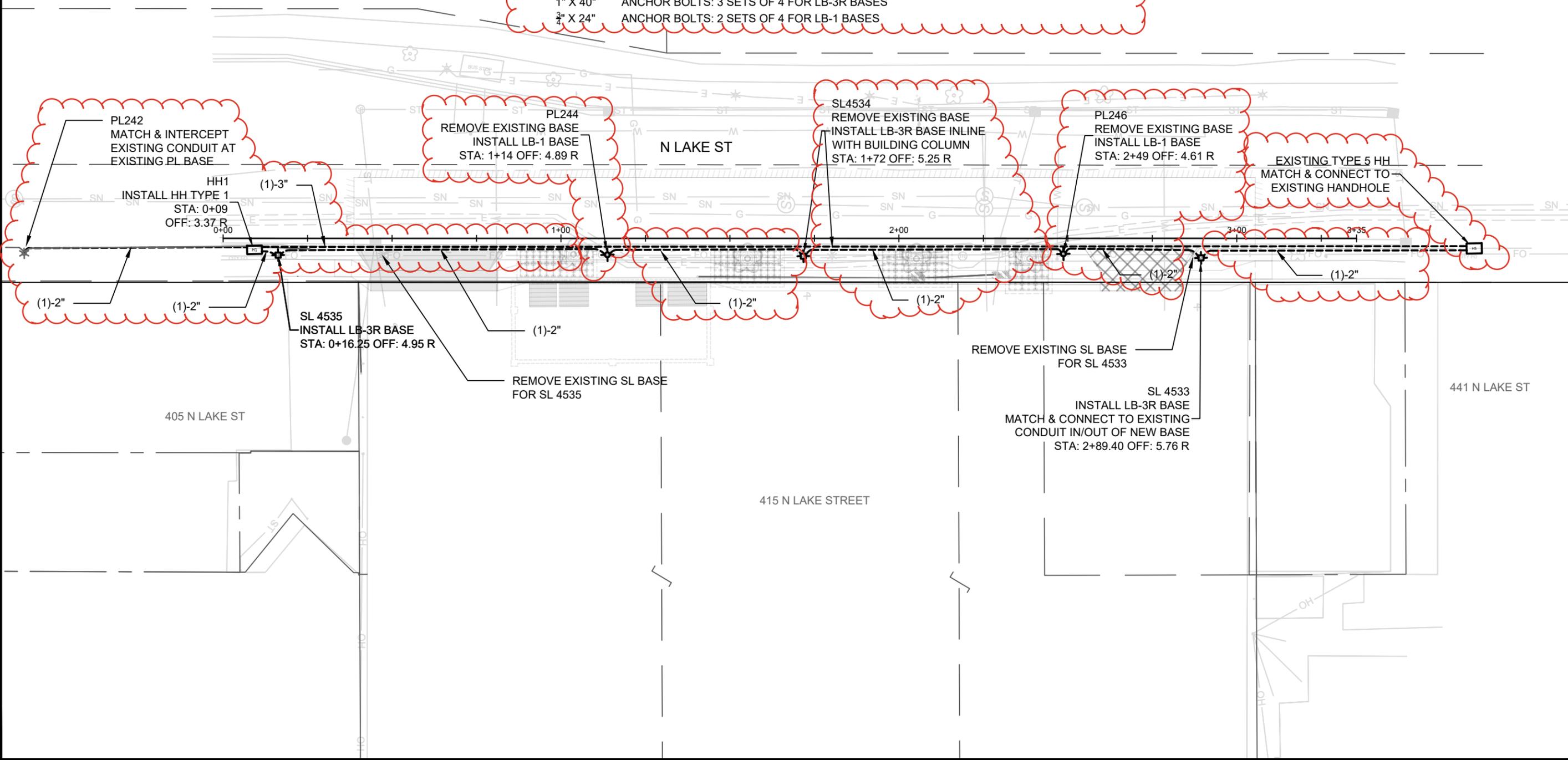
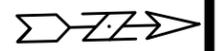


14892	12/11/25	10:12 AM	P-1
REV1	CASTING ADJUSTMENTS	DATE	
REV2	UPDATED DWY AND STATIONS	DATE	
MARK	REVISION	DATE	
Designed By: GCIT Date: 12/11/2025 10:12 AM Scale: 1" = 30'			14892
14892		9360	
MADISON, WI		CONTRACT NO:	
PLAN & PROFILE - N LAKE STREET			
415 N LAKE ST - STATE STREET CAMPUS GARAGE MIXED USE			
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14892		P-1	

REVISION 3 - 3/25/2026 - BAC
 -ADDED INSTALL NEW LIGHTING BASES, CONDUIT,
 AND HANDHOLE FOR BASES AND CONDUIT
 DESTROYED DURING CONSTRUCTION

GENERAL ELECTRICAL NOTES:

- ALL LOCATIONS ARE APPROXIMATE. TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS INCLUDING SETBACK IN THE FIELD. AFTER CONTRACTOR SURVEY STAKING, THE CONTRACTOR SHALL NOTIFY BERT CHEE (267-8714), AT LEAST 24-HOURS IN ADVANCE OF NEEDING BASE LOCATIONS MARKED.
- THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION LATEST EDITION AND ALL ADDENDUMS THERETO.
[HTTPS://WWW.CITYOFMADISON.COM/ENGINEERING/DOCUMENTS/STANDARD-SPECIFICATIONS/COMPLETESPECBOOK.PDF](https://www.cityofmadison.com/engineering/documents/standard-specifications/completespecbook.pdf)
- ALL CONDUIT SHALL BE PVC SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL CALL CITY TE SHOP (266-4767) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF BURYING CONDUIT TO ARRANGE FOR INSPECTION AND PRIOR TO REMOVING OR CONNECTING TO EXISTING CONDUIT OR HANDHOLES. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
- MATERIALS DESIGNATED TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR SHALL BE SENT FOR APPROVAL TO BERT CHEE (HCHEE@CITYOFMADISON.COM).
- THE CONTRACTOR SHALL INSTALL 3 #4 & 1 #8 WIRES IN ALL NEW CONTRACTOR INSTALLED 2" CONDUIT.
- THE CONTRACTOR SHALL INSTALL TRACER WIRE IN ALL NEW CONTRACTOR INSTALLED 3" CONDUIT.
- THE CONTRACTOR SHALL ARRANGE FOR PICKUP OF THE FOLLOWING CITY MATERIALS:
 1" X 40" ANCHOR BOLTS: 3 SETS OF 4 FOR LB-3R BASES
 3/4" X 24" ANCHOR BOLTS: 2 SETS OF 4 FOR LB-1 BASES



MARK	REVISION	DATE	BY
REV3	LIGHTING BASES AND CONDUIT	3/25/2026	BAC
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14892		E-1	

14892
 MADISON, WI
 415 N LAKE ST - STATE STREET CAMPUS GARAGE MIXED USE
 CONTRACT NO: 9360
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UNIVERSITY AVENUE

STATE STREET

N. LAKE STREET

750

432

701

405

88'

415

441

673

626

661

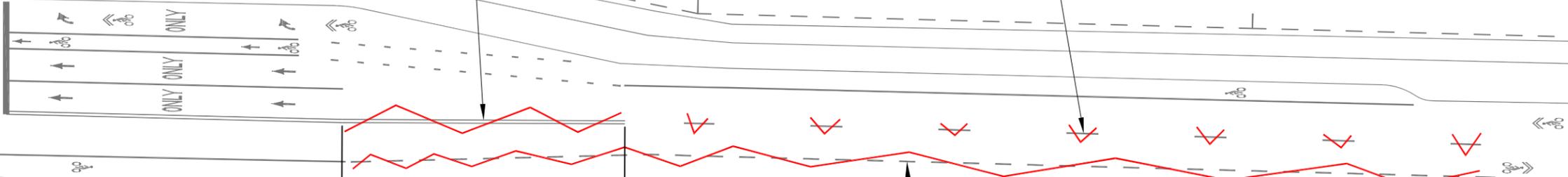
622

639

Remove Existing
4" Double Yellow

Remove Existing
10' Line x 30' Gap Markings

Remove Existing
5' Line X 5' Gap Markings



MARK	REVISION	DATE	BY

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 MADISON, WI
 415 N LAKE ST - STATE STREET CAMPUS GARAGE MIXED USE
 CONTRACT NO: 9360
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14892
PM-1

Scale: 1:40
Date: 1/14/2025 2:03 PM
14892
PM-1



402 N LAKE ST

424 N LAKE ST

N LAKE ST

ASL
SEE DETAIL TSS-1

HACK
SEE DETAIL TSS-2

HACK
SEE DETAIL TSS-3

ASL
SEE DETAIL TSS-4

401 N LAKE ST

415 N LAKE ST
PROPOSED IMPROVEMENT IN PRIVATE
PROPERTY SHOWN FOR REFERENCE
ONLY. NOT PART OF THIS PROJECT

441 N LAKE ST

445 N LAKE ST

626 UNIVERSITY AVE

NOTES:

1. CONTRACTOR SHALL CONTACT CITY FORESTRY (608) 266-4816 AT LEAST ONE WEEK PRIOR TO PLANTING TO SCHEDULE INSPECTING THE NURSERY STOCK AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPER
2. NO LATER THAN FIVE BUSINESS DAYS PRIOR TO FORMING CONCRETE AND CONSTRUCTING TREE GRATE SITES, THE CONTRACTOR SHALL CONTACT CITY FORESTRY AT (608) 266-4816 TO IDENTIFY AND LOCATE UNDERGROUND CONFLICTS (UTILITIES, VAULTS, CONDUITS) OR OTHER UNDERGROUND OBSTRUCTIONS AND DETERMINE GRATE LOCATION.
3. FOR TERRACE SUPPORT SYSTEM LAYOUTS, SEE SHEETS D-3 & D-4

STREET TREE PLANTING LIST

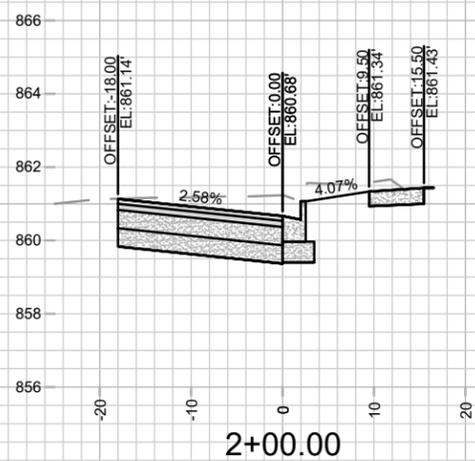
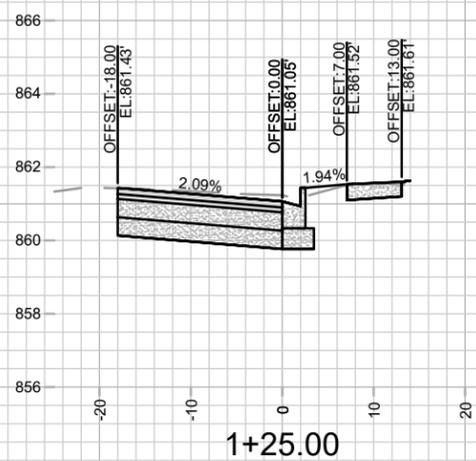
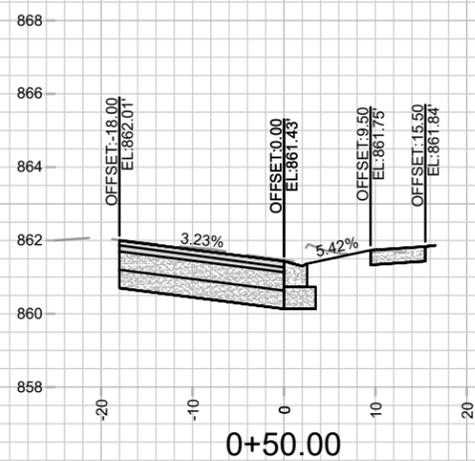
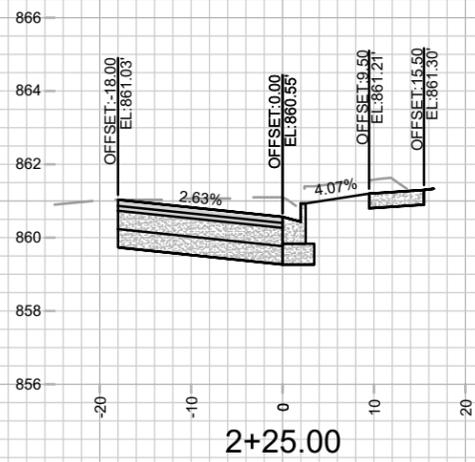
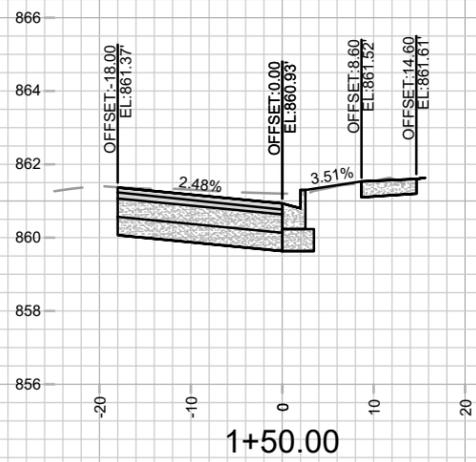
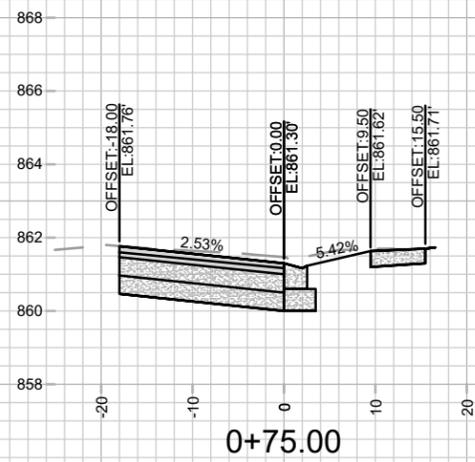
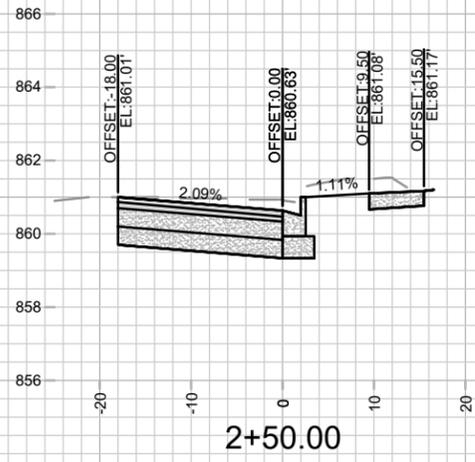
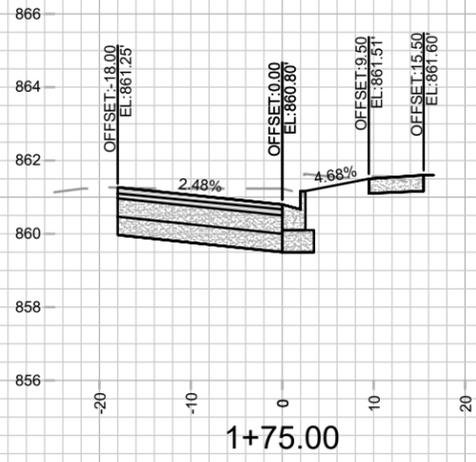
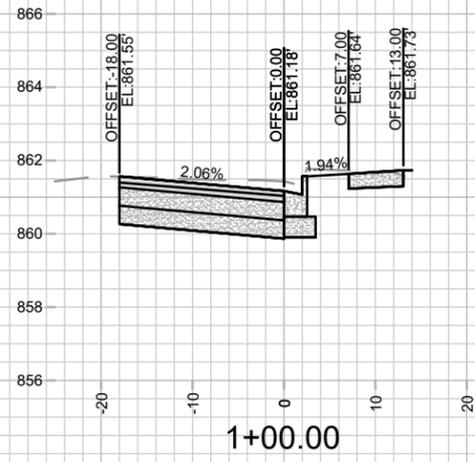
SYMBOL	QUANTITY	SIZES	STOCK TYPE	COMMON NAME	BOTANICAL NAME
ASL	2	2 INCH	B&B	AMERICAN SENTRY LINDEN	TILIA AMERICA 'MCKSNETRY'
HACK	2	2 INCH	B&B	HACKBERRY	CELTIS OCCIDENTALIS

MARK	REVISION	DATE	BY

14892
MADISON, WI
9360
CONTRACT NO:
LANDSCAPING PLAN
415 N LAKE ST - STATE STREET CAMPUS GARAGE MIXED USE
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L-1



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MADISON, WI

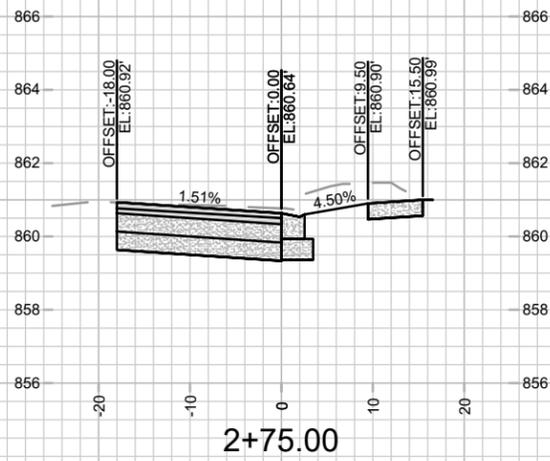
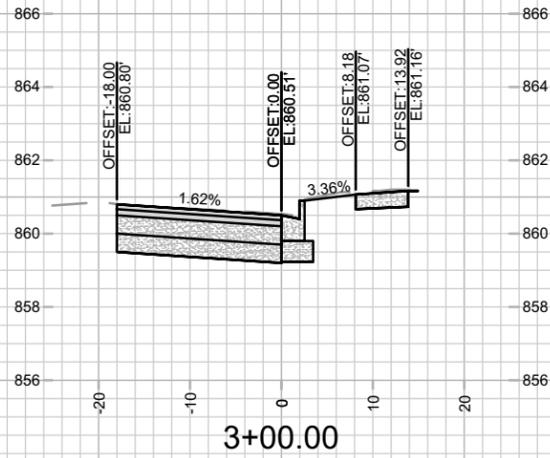
CROSS SECTION - N LAKE STREET
415 N LAKE ST - STATE STREET CAMPUS GARAGE MIXED USE
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X-1

CONTRACT NO: 9360

14892
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14892			

14892
 CROSS SECTION - N LAKE ST
 415 N LAKE ST - STATE STREET CAMPUS GARAGE MIXED USE
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 X-2