Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS
PLAN OF PROPOSED IMPROVEMENT

UW MUSIC PERFORMANCE FACILITY – N. LAKE ST. & UNIVERSITY AVE.

CITY MUNIS NO. 10753

INDEX OF SHEETS

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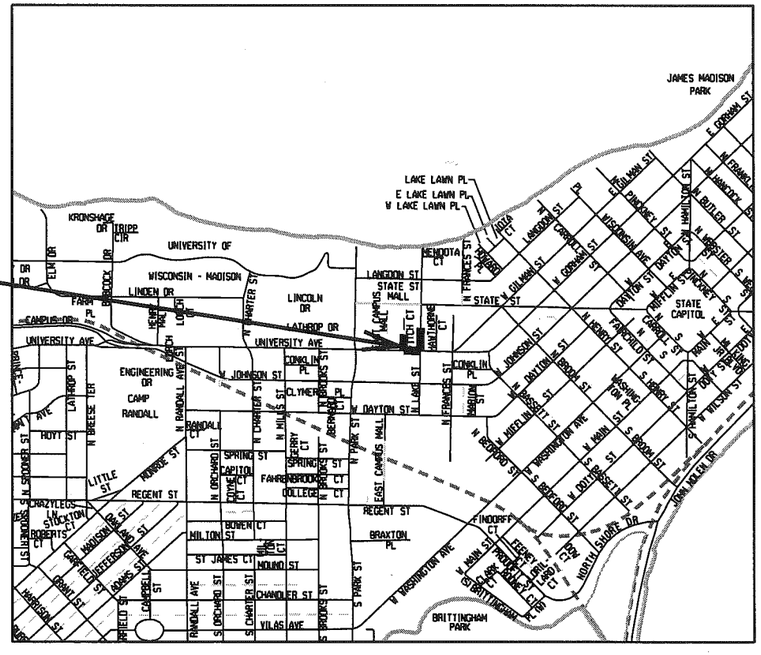
CONVENTIONAL SIGNS

FIELD VERIFY ALL UTILITY LOCATIONS

GAS	G
STORM SEWER	ST
SANITARY SEWER	SAN
WATER	W
OVERHEAD ELECTRIC	OH
POWER POLE	

PROJECT LOCATION



N W E S

NOTES:

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50% TOWARD STORM SEWER INLETS.

SIDEWALK RAMPS AND CURB THRU SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 2.00%. SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00%

PUBLIC IMPROVEMENT PROJECT APPROVED

APRIL 21, 2015

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

City Engineer — Date 4/20/17

STREET DESIGNED BY:

WISCONSIN — JAMES M WOLFE — E-42725 — MADISON, WI — 4-20-17 — PROFESSIONAL ENGINEER

STORM SEWER DESIGNED BY:

WISCONSIN — ERIC L. DUNDEE — E-40126 — SUN PRAIRIE WI — 4-20-2017 — PROFESSIONAL ENGINEER

STREET LIGHTING & SIGNALS DESIGNED BY:

WISCONSIN — BRIAN J. SMITH — E-37284 — MADISON WI — 4-21-17 — PROFESSIONAL ENGINEER

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10753\Design Files\10753EN-TitleSht.dgn

DATE: 4/20/2017

UW MUSIC PERFORMANCE (LAKE ST) PROJECT NO. 10753	SHEET NO. D-1
DETAIL STANDARD NOTES AND COMMENTS	CITY OF MADISON

CONTRACTOR/DEVELOPER SHALL SUBMIT A TRAFFIC CONTROL PLAN TO CITY TRAFFIC ENGINEERING AT LEAST 10 WORKING DAYS PRIOR TO THE START OF WORK. WORK WITHIN THE RIGHT–OF–WAY SHALL NOT BEGIN UNTIL THE TRAFFIC CONTROL PLAN IS APPROVED.

ANY PAVEMENT MARKINGS THAT ARE REMOVED OR DAMAGED SHALL BE REPLACED BY THE DEVELOPER/CONTRACTOR AS DIRECTED BY CITY TRAFFIC ENGINEERING.

THE LOCATION AND INFORMATION FOR PROPOSED NEW TREES, IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY. COORDINATE WITH CITY FORESTRY FOR LOCATION OF ANY NEW TREE GRATES; SOME EXCAVATION MAY BE NECESSARY WHEN PLACING NEW GRATES TO VERIFY THAT THE SITE IS APPROPRIATE FOR TREE PLANTING.

CONTRACTOR SHALL CONTACT DEAN KAHL WITH CITY FORESTRY (266–4891 OR 266–4816) AT LEAST ONE WEEK PRIOR TO PLANTING TO ALLOW FORESTRY TO MARK THE PLANTING SITES AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPING CONTRACTOR. TREE PLANTING WITHIN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE APPROVED BY THE CITY FORESTER PRIOR TO INSTALLATION.

NO TREES IN THE RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE TRIMMED, PRUNED, REMOVED OR ADVERSELY AFFECTED IN ANY WAY UNTIL THE DEVELOPER HAS RECEIVED WRITTEN PERMISSION FROM THE CITY ENGINEER OR CITY FORESTER. SAID WRITTEN PERMISSION SHALL INCLUDE LANGUAGE INDICATING THAT SECTION 10.101 OF THE MADISON GENERAL ORDINANCES AND ADMINISTRATIVE PROCEDURE MEMORANDUM NO. 6–2, REFERING TO NOTIFICATION OF PROPERTY OCCUPANTS AND/OR OWNERS, HAS BEEN COMPLIED WITH.

COORDINATE WITH CITY ENGINEERING A MINIMUM OF 21 DAYS IN ADVANCE FOR INSTALLATION OF ASPHALT PAVEMENT FOLLOWING CONSTRUCTION OF NEW CURB & GUTTER AND BASE COURSE.

TRAFFIC CONTROL REQUIREMENTS RELATED TO THIS PROJECT:

MAINTAIN ALL TRAVEL LANES ON UNIVERSITY AVE. AT ALL TIMES.

MAINTAIN SIDEWALK ACCESS ON LAKE ST. & ON UNIVERSITY AVE. AT ALL TIMES WITH A MINIMUM ADA COMPLIANT WIDTH OF 5 FT., AND MAINTAIN TRAVEL LANES ON LAKE ST. & UNIVERSITY AVE. AS REQUIRED BY THE EXCAVATION AND/OR OCCUPANCY PERMITS.

ALL PAVEMENT WITHIN THE N. LAKE ST. RIGHT–OF–WAY SHALL BE TYPE C PAVEMENT; ALL PAVEMENT IN THE UNIVERSITY AVE. RIGHT–OF–WAY SHALL BE 10" CONCRETE PAVEMENT; AND ALL PAVEMENT IN THE FITCH COURT RIGHT–OF–WAY SHALL BE TYPE A PAVEMENT.

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADES OF 0.5% TOWARD STORM SEWER INLETS.

THE CROSS SLOPE OF SIDEWALKS AND BARRIER FREE SIDEWALK CURB RAMPS SHALL BE 1.5%. THE LONGITUDINAL GRADE OF BARRIER FREE SIDEWALK CURB RAMPS SHALL NOT EXCEED 8.33%. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO S.D.D. 3.03. AT ALL OTHER LOCATIONS THE LONGITUDINAL GRADE OF SIDEWALKS SHALL NOT EXCEED 5.0 % OR THE ADJACENT STREET GRADE WHICHEVER IS GREATER NOR BE LESS THAN 0.4% AND SHALL DRAIN TOWARD STORM SEWER INLETS. SIDE SLOPES WITHIN TEN FEET OF A PUBLIC SIDEWALK SHALL NOT EXCEED 4.00:1. ALL SIDEWALK AND SIDEWALK RAMP ELEVATIONS AND GRADES SHALL BE FIELD VERIFIED AND SET TO COMPLY WITH THE CITY OF MADISON STANDARD SPECIFICATIONS AND THE A.D.A. GUIDELINES.

OBTAIN A PRINT OUT OF THE ALIGNMENT FROM THE CITY ENGINEER PRIOR TO STAKING THIS PROJECT.

CURB STATION AND OFFSETS SHALL BE TO THE FACE OF CURB UNLESS OTHERWISE INDICATED. CURB ELEVATIONS SHALL BE TO THE TOP OF CURB (OR EXTENDED TOP OF CURB FOR DRIVEWAYS OR RAMPS) UNLESS OTHERWISE INDICATED.

POWER POLES AND OTHER OBSTRUCTIONS SHALL BE MOVED TO PROVIDE 2 FEET MINIMUM OF CLEAR DISTANCE FROM ANY FACE OF CURB OR EDGE OF SIDEWALK.

ANY INFORMATION SHOWN ON THIS PLAN, WHICH IS NOT PART OF THIS PUBLIC RIGHT–OF–WAY PROJECT, IS PRELIMINARY AND NOT FOR CONSTRUCTION.

THERE MAY BE EXISTING UTILITIES OR OTHER FEATURES WHICH ARE EITHER NOT SHOWN OR SHOWN INCORRECTLY ON THIS PLAN. IT IS THE RESPONSIBILITY OF THE DEVELOPER TO LOCATE AND IDENTIFY ALL UTILITIES AND TOPOGRAPHY WHICH MAY AFFECT THE CONSTRUCTION OF THESE IMPROVEMENTS.

ALL PERMANENT SIGNING AND POSTING WILL BE DETERMINED AND PROVIDED BY THE TRAFFIC ENGINEERING DIVISION, FOLLOWING CONSTRUCTION OF THESE IMPROVEMENTS.

THE DEVELOPER SHALL PROVIDE, INSTALL AND MAINTAIN ALL STREET END BARRICADES, SIGNING AND TRAFFIC CONTROL, AS REQUIRED BY THE CITY TRAFFIC ENGINEER.

PAVEMENT SAWCUTS SHALL BE AS DIRECTED BY THE CITY CONSTRUCTION ENGINEER. SAWCUTS SHOWN ON THE PLAN ARE APPROXIMATE.

DAMAGE TO ANY EXISTING CURB, PAVEMENT, SIDEWALK, ETC. THAT IS TO REMAIN SHALL BE REPAIRED BY THE DEVELOPER/CONTRACTOR AS DIRECTED BY THE ENGINEER.

DEVELOPER/CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO ADJUST STRUCTURES, MANHOLES, HANDHOLES, ETC. AS NEEDED TO MATCH THE GRADE OF THE NEW PAVEMENT.

PLOT SCALE: ____

PLOT NAME: ____

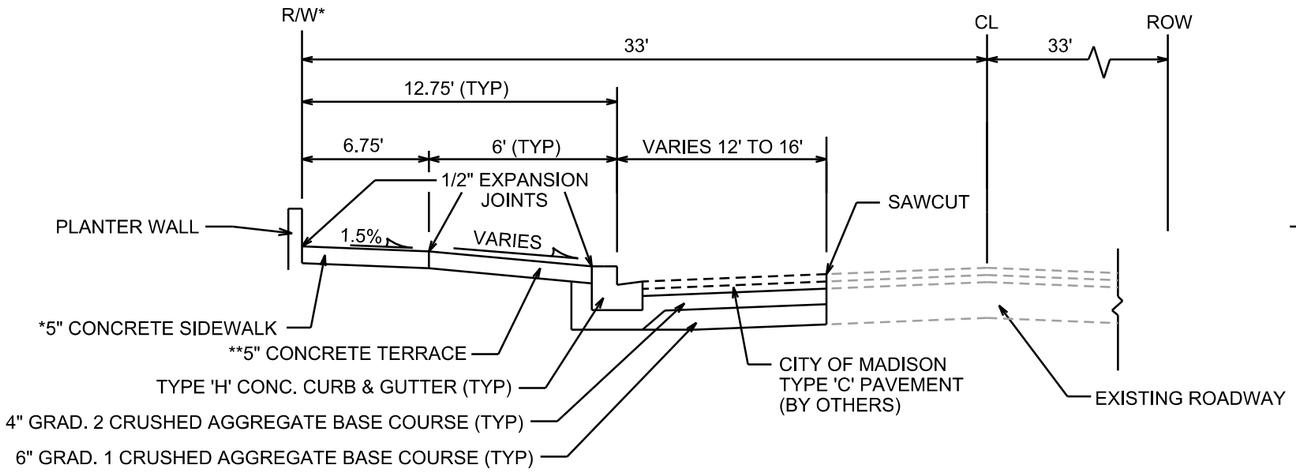
REV. DATE: ____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10753\Design Files\10753EN-GenINote_D1.dgn

DATE: 4/10/2017

UW MUSIC PERFORMANCE (LAKE ST) PROJECT NO. 10753	SHEET NO. D-2
DETAIL	
TYPICAL SECTION	CITY OF MADISON



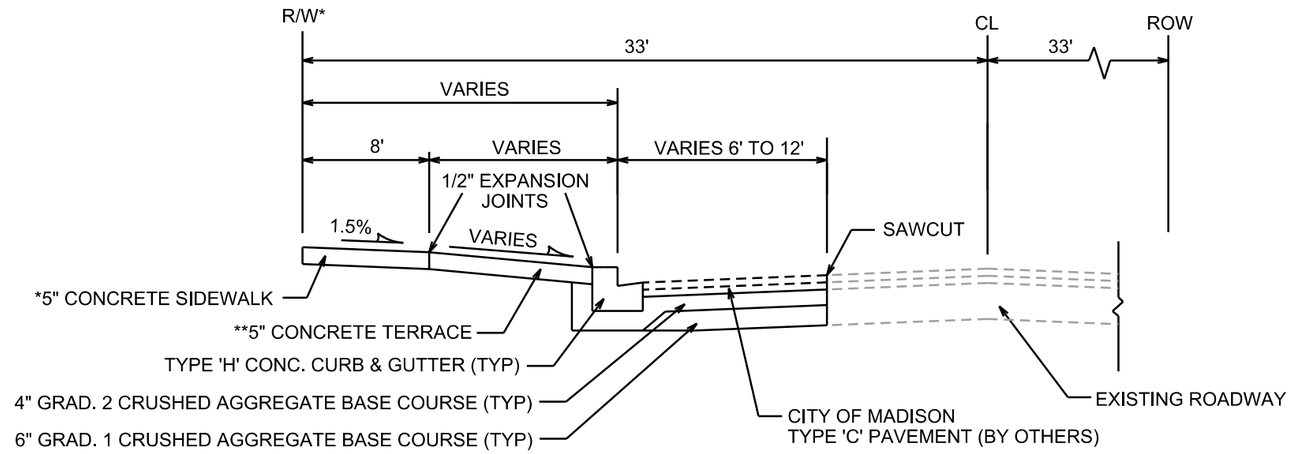
TYPICAL SECTION

N. LAKE STREET
STA 5+50 TO STA 7+00
NOT TO SCALE

NOTES:

* PLACE JOINT ON CONCRETE SIDEWALK AT THE RIGHT-OF-WAY BOUNDARY. INSTALL EXPANSION JOINT BETWEEN CONCRETE SIDEWALK AND PLANTER WALL AND BETWEEN MAINLINE SIDEWALK AND CONCRETE TERRACE.

** INSTALL SUSPENDED PAVEMENT SYSTEM IN LOCATIONS SHOWN ON LANDSCAPE PLAN, SHEET L-1.

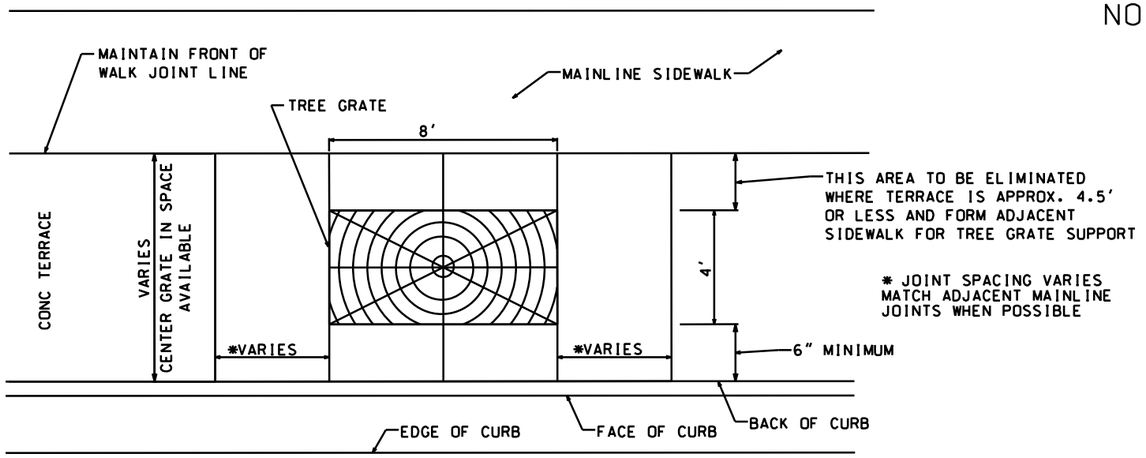


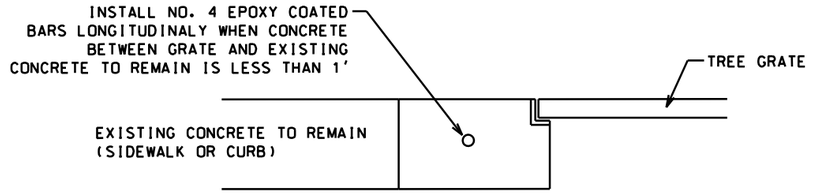
TYPICAL SECTION

N. LAKE STREET
STA 7+00TO STA 7+60
NOT TO SCALE

TREE GRATE INSTALLATION DETAIL

NOT TO SCALE





REINFORCING FOR TREE GRATES WHEN ADJACENT CONCRETE IS 1' OR LESS IN WIDTH

NOT TO SCALE

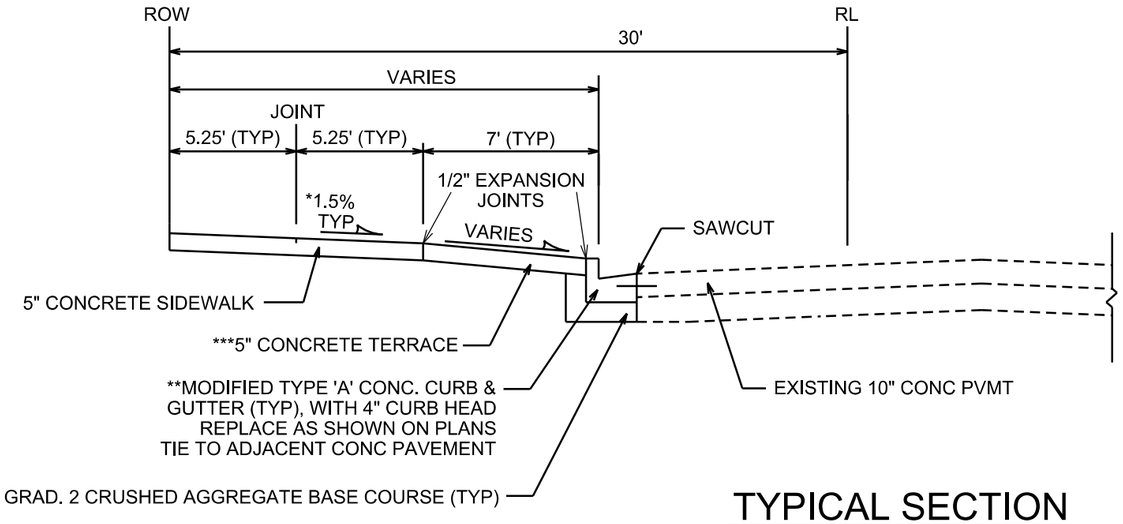
NOTES:

1. TREE GRATE LOCATIONS TO BE VERIFIED WITH ENGINEER
2. WHEN MATURE TREE IS OFF CENTER, VERIFY WITH ENGINEER TO DETERMINE EXPOSED AGGREGATE LIMITS & OPENING LOCATION
3. VERIFY JOINT PATTERN WITH ENGINEER
4. REFER TO S.D.D. 2.02 FOR BACKFILL DETAILS

PLOT SCALE: ____
PLOT NAME: ____
REV. DATE: ____
ORIGINATOR: CITY OF MADISON STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10753\Design Files\10753EN_TypSecDetails_D2.dgn DATE: 4/10/2017

UW MUSIC PERFORMANCE (LAKE ST) PROJECT NO. 10753	SHEET NO. D-3
DETAIL	
TYPICAL SECTION	CITY OF MADISON



TYPICAL SECTION

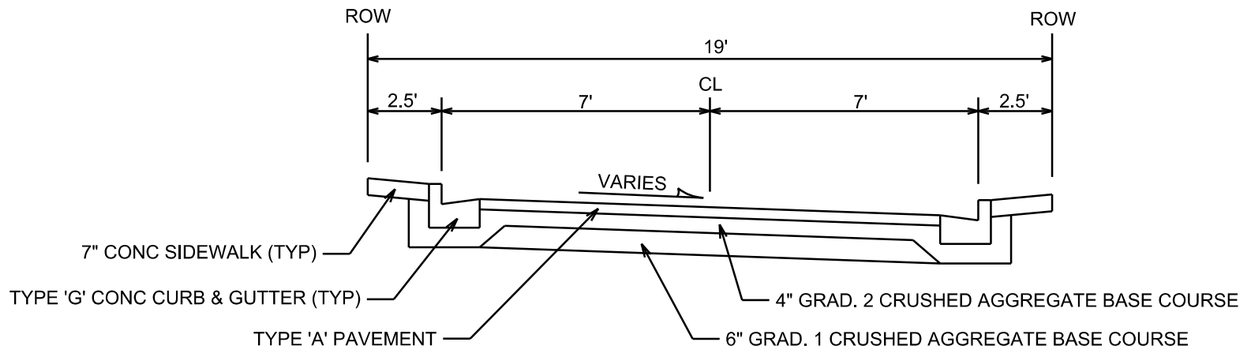
UNIVERSITY AVENUE
NOT TO SCALE

NOTES:

* TYPICAL CROSS SLOPE ON SIDEWALK IS 1.5%, UNLESS NOTED OTHERWISE ON THE PLAN. ADJUST CROSS SLOPE AS NECESSARY TO MAINTAIN DRAINAGE ACROSS TERRACE TO CURB.

** REMOVE AND REPLACE CURB AND GUTTER AT LOCATIONS SHOWN ON PLAN OR AS DIRECTED BY THE ENGINEER. CURB IS TO BE TIED TO ADJACENT CONCRETE PAVEMENT PER S.D.D. 3.10.

*** INSTALL SUSPENDED PAVEMENT SYSTEM IN LOCATIONS SHOWN ON LANDSCAPE PLAN, SHEET L-1.



TYPICAL SECTION

FITCH COURT
NOT TO SCALE

PLOT SCALE: ____
PLOT NAME: ____
REV. DATE: ____
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10753\Design Files\10753EN_TypSecDetails_D3.dgn DATE: 4/10/2017

UW MUSIC PERFORMANCE (LAKE ST)
PROJECT NO. 10753

SHEET NO.
P-1

PLAN

LAKE ST. & UNIVERSITY AVE. CITY OF MADISON

REV 5-4-17 JMW

POB
20+00.00

EXISTING
DRIVEWAY

STA 20+15.42, LT 30.00'
868.35 BW/MATCH EX.

7" CONC DW & SW TO
MODIFY EX. DRIVEWAY

REM & REPL TYPE 'A' CURB
W/ 4" CURB HEAD
MATCH EX. CONC PVMT
TIE TO PVMT PER S.D.D. 3.10

REM & REPL CONC PVMT
AS NECESSARY FOR
WATER ABANDONMENT

TRANSITION FROM 4" CURB
TO EXISTING OVER 15'

INSTALL UW STANDARD
BUS SHELTER (1/2 SIZE)

FIELD VERIFY 1.5% MIN TERRACE
SLOPE IN THIS AREA. IF LESS THAN 1.5%,
EXTEND INSTALLATION OF 4" CURB

STA 20+31.97, LT 30.00'
868.46 BW

VACATED FITCH COURT

ABANDON UTILITIES AS REQUIRED & REMOVE
ALL STREET & CURB IN VACATED FITCH CT
ALL WORK PER CITY STANDARD SPECS

STA 20+58.23, LT 30.00'
868.53 BW

STA 20+82.49, LT 30.00'
868.63 BW/HI PT

STA 21+08.48, LT 30.00'
868.38 BW

STA 21+35.48, LT 30.00'
868.38 BW

STA 21+61.12, LT 30.00'
867.96 BW

STA 21+87.12, LT 30.00'
867.68 BW

STA 22+13.61, LT 30.00'
867.05 BW

REMOVE EXISTING TREE
INSTALL NEW GRATE

RELOCATE HYDRANT AS NECESSARY
FOR NEW SIGNAL POLE LOCATION
COORDINATE W/ MADISON WATER UTILITY
A MIN. OF 48 HRS. IN ADVANCE

STA 5+43.29, LT 43.54'
866.40 SW/RAMP

STA 5+33.34, LT 43.67'
866.34 EP/PC, MATCH EX.

STA 5+36.55, LT 35.37'
866.02 EP/MID CURVE

10" CONC PVMT PER
S.D.D. 3.10 & 3.11
REPL FULL SLABS &
MATCH EX JOINTS

SAWCUT

CONC/ASPH JOINT

MODIFIED TYPE 'H' CURB

STA 5+44.78, LT 31.92'
865.96 EP/PC

STA 5+50.43, LT 38.30'
866.26 BW/SW RAMP

865.22 EP
LT 31.98'

864.40 EP
LT 32.04'

863.58 EP
LT 32.06'

862.80 EP
LT 32.06'

STA 6+53.00, LT 45.80'
863.38 BW @ R/W

STA 6+04.99, LT 45.83'
865.05 BW @ R/W

STA 6+84.98, LT 45.78'
862.85 BW @ R/W

STA 6+99.26, LT 46.77'
862.45 BW

STA 6+68.51, LT 32.05'
862.22 EP/PI

861.37 EP
LT 26.29'

861.08 EP
LT 21.72'

SAWCUT

INSTALL UW STANDARD
BUS SHELTER

PATCH PVMT PER CITY
PATCHING CRITERIA
2" MILL & OVERLAY

LAKE STREET

UNIVERSITY OF WISCONSIN - MADISON
SCHOOL OF MUSIC

UNIVERSITY AVENUE

CONSTRUCT REMAINING PRIVATE
ALLEY PER APPROVED SITE PLANS

FITCH CT VACATION LIMITS

20' TRANSITION FROM
MODIFIED TYPE 'G' CURB
TO TYPE 'A' (MATCH EX)

862.78 EP

863.27 EP
862.84 EP

862.90 EP
862.62 EP

862.53 EP

FITCH COURT

PROPOSED
DRIVEWAY

STA 7+25.04, LT 42.21'
862.05 BW

STA 7+50.50, LT 37.71'
861.75 BW

STA 7+78.03, LT 32.84'
861.55 BW

STA 7+55.41, LT 16.16'
860.78 EP/PI

7" CONC DRIVEWAY
& SIDEWALK

10' TRANSITION FROM
TYPE 'H' CURB TO TYPE 'A'

N

SCALE: 1" = 30'

LEGEND

TREE REMOVAL

4'X8' TREE GRATE PER CITY
STANDARD SPECS

NOTES:

1. PROPOSED CURB GRADES ARE GIVEN TO THE EDGE OF PVMT
2. TYPICAL PROPOSED SIDEWALK GRADES ARE PROVIDED AT THE RIGHT-OF-WAY BOUNDARY
3. TYPICAL CROSS SLOPE ON MAINLINE SIDEWALK IS 1.5% UNLESS OTHERWISE NOTED
4. COORDINATE WITH CITY OF MADISON FORESTRY DEPT ON FINAL LOCATIONS OF TREE GRATES PRIOR TO INSTALLATION
5. NEW CURB AND GUTTER ON LAKE ST. SHALL BE TYPE 'H' CURB & CURB REPLACEMENT ON UNIVERSITY AVE. SHALL MATCH EXISTING CURB (TYPE 'A')
6. REMOVE ALL EXISTING DRIVE APRONS ON LAKE ST WITHIN THE PROJECT LIMITS
7. ASPHALT PAVEMENT AND PAVEMENT MARKINGS ON LAKE ST. ARE TO BE COMPLETED BY OTHERS UNDER A SEPARATE CITY OF MADISON PUBLIC WORKS CONTRACT.

5+00 6+00 7+00 8+00 8+69

POB 5+00.00

POE 22+90.77

8+69.95 POE

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10753\Design Files\10753EN-StreetPlnSht.dgn

DATE: 5/5/2017

PLOT SCALE: 29.9999 sf / In.

UW MUSIC PERFORMANCE (LAKE ST)
PROJECT NO. 10753

SHEET NO.
U-1

UTILITIES PLAN

LAKE ST. & UNIVERSITY AVE. CITY OF MADISON

REVISED 5/4/17 EEA
REVISED 5/4/17 JW

POB
20+00.00

20+00

21+00

22+00

22+91

POE
22+90.77

REMOVE
EX SAS
4850-015

VACATED FITCH COURT

REMOVE
EX SAS
4850-016

REMOVE
EX SAS
4850-017

PLUG

EX ABANDONED SAN

FITCH COURT

CUT OFF & CAP EX. WATER
MAIN AT EX. VALVE & INSTALL
MJ PLUG ON EX. VALVE

REMOVE EX 6" VP SAN MAIN
AND LATERALS

REMOVE EX 6" VP SAN

CUT OFF & CAP EX. WAT MAIN
AT HYDRANT TEE & PLUG
TEE WITH MJ PLUG

UNIVERSITY OF WISCONSIN - MADISON
SCHOOL OF MUSIC

432 LAKE ST

UNIVERSITY AVENUE

EX 8" VP SAN

12" STORM @ 1.67%

23'-6" SAN SEWER
LATERAL @ 2% SLOPE
(SEE DEVELOPER'S PLAN)

12" STORM @ 1.00%

6" WATER
SERVICE

EXISTING
PLUGGED
LATERAL

CONNECT TO
EXISTING SAN
LATERAL AT
EI= 858.14

REMOVE
EX PVT STM
CONNECTION

EX 24"X38" HERCP STM

EX 24"X38" HERCP STM

REBUILD OR
ADJUST
EX IN 4850-034
REPLACE CASTING
W/ R-1550

CONNECT TO
EX IN 4850-175
AT EI= 857.70

REBUILD OR
ADJUST
EX IN 4850-175
REPLACE CASTING
W/ R-3290A

EX 6" SAN LAT

LAKE STREET
EX 14" CAST IRON SAN

EX SAS
4850-012

EX SAS
4850-011

EX 14" CAST IRON SAN

POB
5+00.00

POE
8+68.99

5+00

6+00

7+00

8+00

8+69

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10753\Design Files\10753EN-UtilitiesPlnSht.dgn

DATE: 5/5/2017

PLOT SCALE: 29.9999 sf / In.

UW MUSIC PERFORMANCE (LAKE ST) PROJECT NO. 10753	SHEET NO. E 1
ELECTRICAL SHEET	
LAKE ST. & UNIVERSITY AVE. CITY OF MADISON	

GNERAL ELECTRICAL NOTES:

1. ALL LOCATIONS ARE APPROXIMATE. THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS INCLUDING SETBACK IN THE FIELD. AFTER CONTRACTOR SURVEYS STAKING. THE CONTRACTOR SHALL NOTIFY BRIAN SMITH (261-9625) CITY TRAFFIC ENGINEERING. AT LEAST 24-HOURS IN ADVANCE OF NEEDING BASE LOCATIONS MARKED.
2. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 2017 EDITION AND ALL ADDENDUMS THERETO. ALL CONDUIT SHALL BE PVC SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.
3. THE CONTRACTOR SHALL CALL MIKE CHRISTOPH (266-4767) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF POURING BASES. BURYING CONDUIT AND CONSTRUCTING ELECTRICAL HANDHOLES TO ARRANGE FOR INSPECTION.
4. PRIOR TO REMOVAL OF THE EXISTING STREET LIGHTS (SL1131. SL6749 AND SL1129) AND TRAFFIC SIGNAL BASE TS1 THE CONTRACTOR IS REQUIRED TO INSTALL NEW TYPE LB-8 CONCRETE BASES FOR RELOCATED SL1129 AND SL6749 AND LB-3 CONCRETE BASE FOR RELOCATED SL1131. COORDINATE WITH TRAFFIC ENGINEERING. MIKE CHRISTOPH. TO HAVE CITY CREWS RELOCATE THE EXISTING STREEET LIGHT POLES AND OVERHEAD TRAFFIC SIGNALS TO THE NEW BASES.
5. PRIOR TO REMOVAL OF EXISTING TRAFFIC SIGNAL BASE TS1. COORDINATE WITH TRAFFIC ENGINEERING. MIKE CHRISTOPH. TO HAVE CITY CREWS INSTALL A TEMPORARY SIGNAL BEFORE THE POLE AND BASE IS REMOVED.
6. ALL EXISTING CONDUITS ARE TO REMAIN UNLESS AND UNTIL AUTHORIZED TO REMOVE BY TRAFFIC ENGINEERING. EXISTING CONDUITS CROSSING UNIVESITY AND LAKE STREET CAN NOT BE REMOVED UNTIL AFTER THE STREETLIGHT POLE FOR SL1129 HAS BEEN RELOCATED ONTO IT'S NEW BASE AND CITY TE CREWS HAVE INSTALL TEMPORARY OVERHEAD SIGNAL AND LIGHTING CABLES ACROSS LAKE STREET TO THE RELOCATED SL1129.

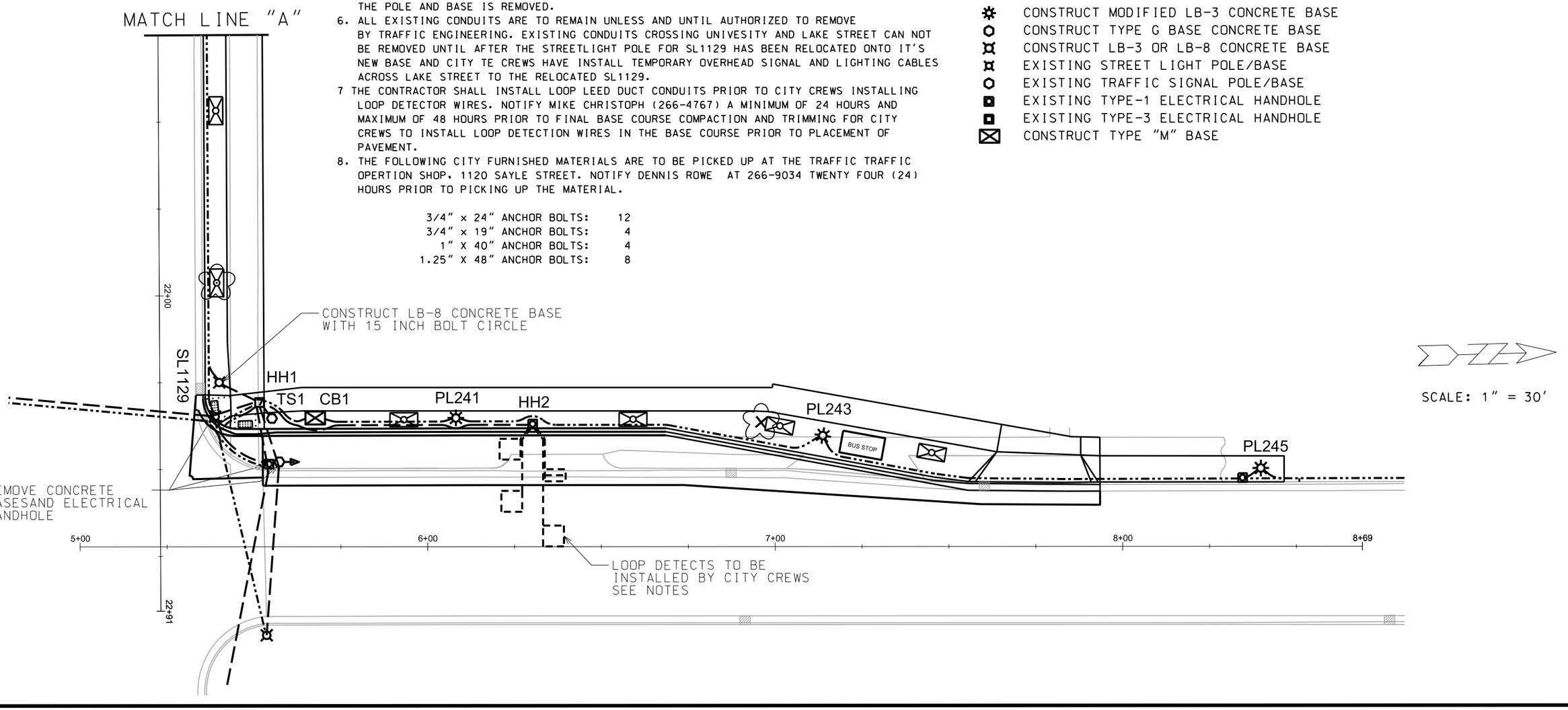
7 THE CONTRACTOR SHALL INSTALL LOOP LEED DUCT CONDUITS PRIOR TO CITY CREWS INSTALLING LOOP DETECTOR WIRES. NOTIFY MIKE CHRISTOPH (266-4767) A MINIMUM OF 24 HOURS AND MAXIMUM OF 48 HOURS PRIOR TO FINAL BASE COURSE COMPACTION AND TRIMMING FOR CITY CREWS TO INSTALL LOOP DETECTION WIRES IN THE BASE COURSE PRIOR TO PLACEMENT OF PAVEMENT.

8. THE FOLLOWING CITY FURNISHED MATERIALS ARE TO BE PICKED UP AT THE TRAFFIC TRAFFIC OPERTION SHOP. 1120 SAYLE STREET. NOTIFY DENNIS ROWE AT 266-9034 TWENTY FOUR (24) HOURS PRIOR TO PICKING UP THE MATERIAL.

3/4" x 24" ANCHOR BOLTS:	12
3/4" x 19" ANCHOR BOLTS:	4
1" X 40" ANCHOR BOLTS:	4
1.25" X 48" ANCHOR BOLTS:	8

LEGEND

- PLACE STREET LIGHTING PVC CONDUIT. 2" UNLESS NOTED AS OTHER
- PLACE SIGNAL/COMMUNICATION PVC COUNDUIT. 2" UNLESS NOTED AS OTHER
- EXISTING STREET LIGHTING CONDUIT
- EXISTING SIGNAL/COMMUNICATION CONDUIT
- CONSTRUCT TYPE-1 ELECTRICAL HANDHOLE
- CONSTRUCT TYPE-3 ELECTRICAL HANDHOLE
- CONSTRUCT TYPE-7 ELECTRICAL HANDHOLE
- CONSTRUCT MODIFIED LB-3 CONCRETE BASE
- CONSTRUCT TYPE G BASE CONCRETE BASE
- CONSTRUCT LB-3 OR LB-8 CONCRETE BASE
- EXISTING STREET LIGHT POLE/BASE
- EXISTING TRAFFIC SIGNAL POLE/BASE
- EXISTING TYPE-1 ELECTRICAL HANDHOLE
- EXISTING TYPE-3 ELECTRICAL HANDHOLE
- CONSTRUCT TYPE "M" BASE

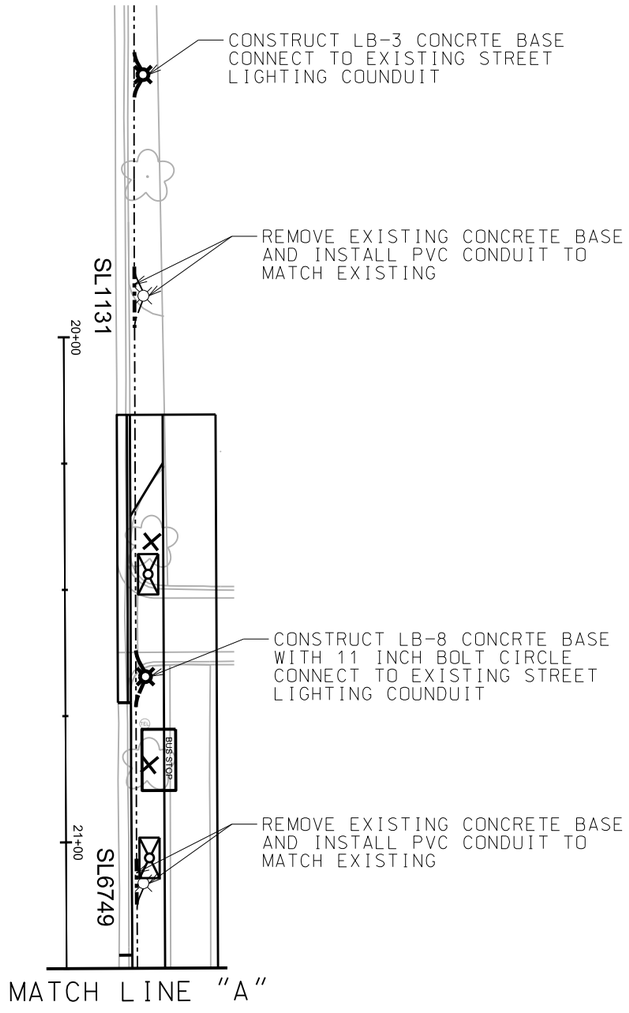


SCALE: 1" = 30'

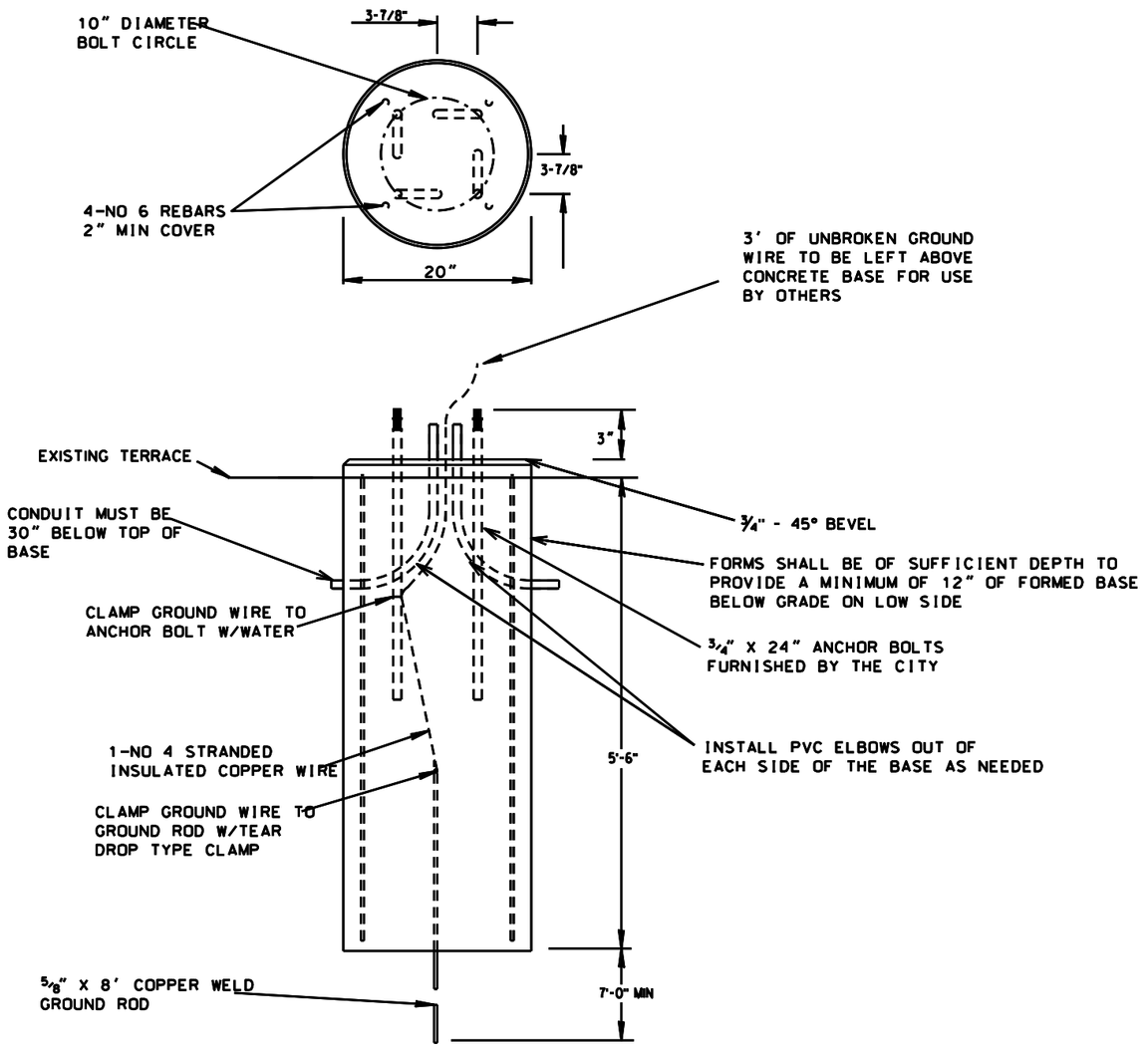
PLOT SCALE: ——
PLOT NAME: ——
REV. DATE: ——
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

ss....DESIGNFILE....ss

UW MUSIC PERFORMANCE (LAKE ST) PROJECT NO. 10753	SHEET NO. E 2
ELECTRICAL SHEET	
LAKE ST. & UNIVERSITY AVE. CITY OF MADISON	

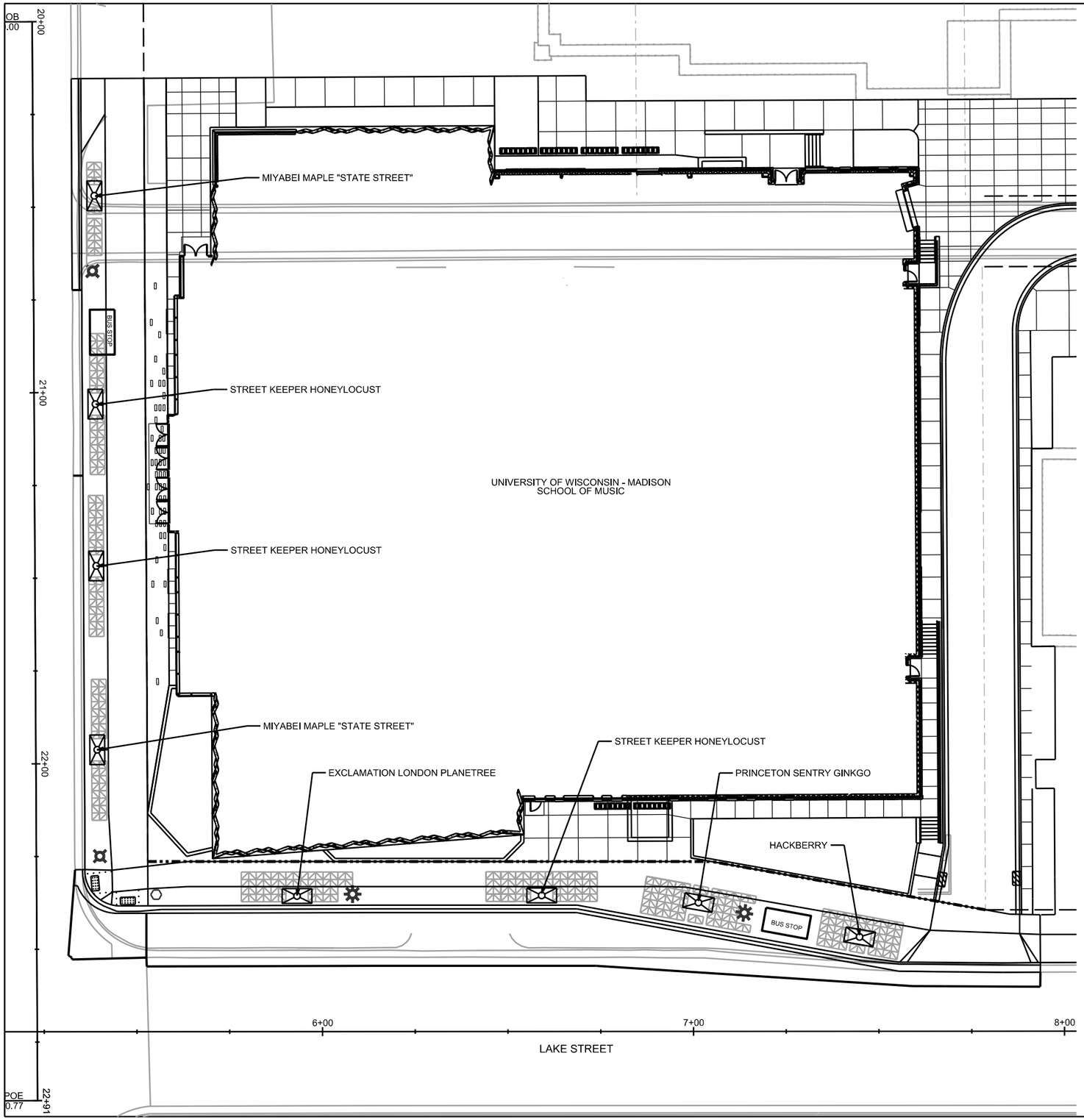


SCALE: 1" = 30'



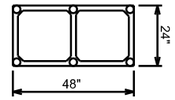
CONCRETE BASE LB-3 MODIFIED

UW MUSIC PERFORMANCE (LAKE ST) PROJECT NO. 10753	SHEET NO. L-1
LANDSCAPE PLAN	
LAKE ST. & UNIVERSITY AVE. CITY OF MADISON	

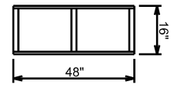


SUSPENDED PAVEMENT SYSTEM DETAILS

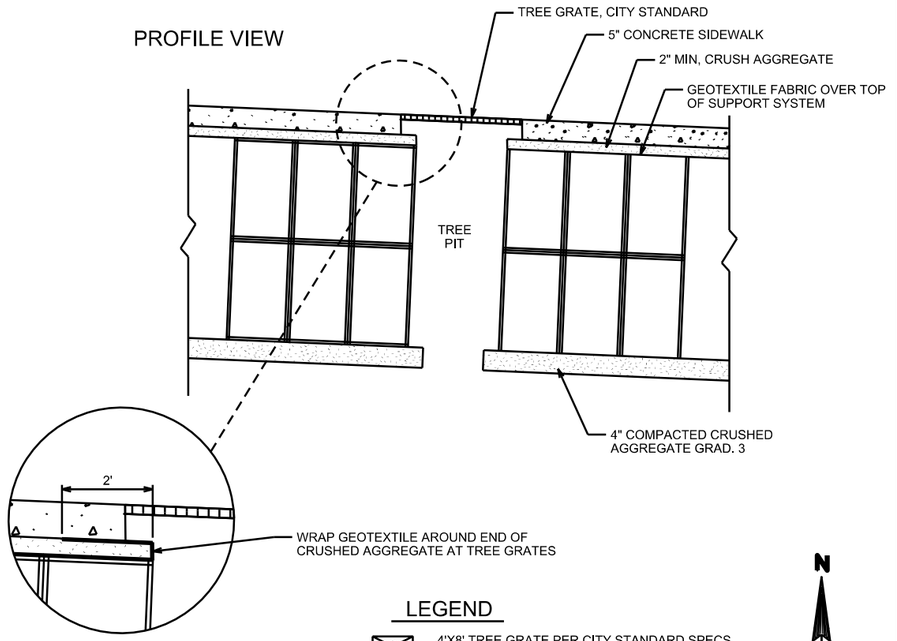
TOP/BOTTOM OF FRAME



SIDE OF FRAME



PROFILE VIEW



LEGEND

- 4'X8' TREE GRATE PER CITY STANDARD SPECS WITH NEW TREE PLANTING, SPECIES AS NOTED
- SUSPENDED PAVEMENT SYSTEM
- PROPOSED STREET LIGHT

N

SCALE: 1" = 30'

NOTES:

1. COORDINATE WITH CITY FORESTRY ON FINAL TREE LOCATIONS AND PLANTING.
2. INSTALL SUSPENDED PAVEMENT SYSTEM PER MANUFACTURER SPECIFICATIONS AND PER THE DETAILS PROVIDED.
3. ALL PERIMETERS OF THE SUSPENDED PAVEMENT SYSTEM SHALL BE ENCLOSED WITH A GEOGRID AS REQUIRED BY THE MANUFACTURER'S SPECIFICATIONS.
4. A MINIMUM 6' GAP, CENTERED ON THE TREE GRATE OPENING, SHALL BE PROVIDED FOR TREE PLANTING.
5. BACKFILL THE SUSPENDED PAVEMENT SYSTEM WITH THE TOPSOIL BACKFILL MIXTURE AS SPECIFIED WITH THE DEVELOPER'S CONTRACT DOCUMENTS. BACKFILL SHALL REMAIN MINIMALLY COMPACTED. LARGER VOIDS WHERE CELLS CANNOT BE INSTALLED SHALL BE BACKFILLED WITH 1" CLEAR STONE AND WRAPPED WITH GEOTEXTILE FABRIC.
6. SUSPENDED PAVEMENT SYSTEM SHALL BE A MINIMUM OF 1 FT. OFF THE BACK OF CURB, IN ALL LOCATIONS.
7. IN LOCATIONS WHERE THE SUSPENDED PAVEMENT SYSTEM NEEDS TO BE GAPPED AROUND UTILITIES, BACKFILL GAPPED AREAS AROUND UTILITIES WITH 1" CLEAR STONE, AND WRAP WITH GEOTEXTILE FABRIC.

PLOT SCALE: ____
PLOT NAME: ____
REV. DATE: ____
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\10753\Design Files\10753EN-Landscape.dgn
DATE: 4/20/2017
PLOT SCALE: 29.9999 sf / In.