

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. D1	DETAILS
SHEET NO. P1-P2	JOHNSON ST & HENRY ST PLANS
SHEET NO. P3-P4	LANGDON ST PLANS
SHEET NO. P5	HAMILTON ST PLAN
SHEET NO. P6-P8	STATE ST SIDEWALK PLAN
SHEET NO. E1-E4	JOHNSON ST & HENRY ST ELECTRICAL
SHEET NO. E5-E6	LANGDON ST ELECTRICAL

STREETSCAPE & TERRACE IMPROVEMENTS – 2014

CITY PROJECT NO. 53W1198 & 53W1360
CITY CONTRACT NO. 7246

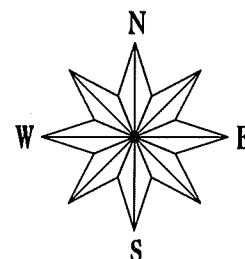
INCLUDES THE FOLLOWING ASSESSMENT DISTRICTS:

WEST JOHNSON STREET AND NORTH HENRY STREET STREETSCAPE ASSESSMENT DISTRICT – 2014

LANGDON STREETSCAPE ASSESSMENT DISTRICT – 2014

NORTH HAMILTON STREET STREETSCAPE ASSESSMENT DISTRICT – 2014

CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
OVERHEAD ELECTRIC	— OH —
POWER POLE	⊕
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	

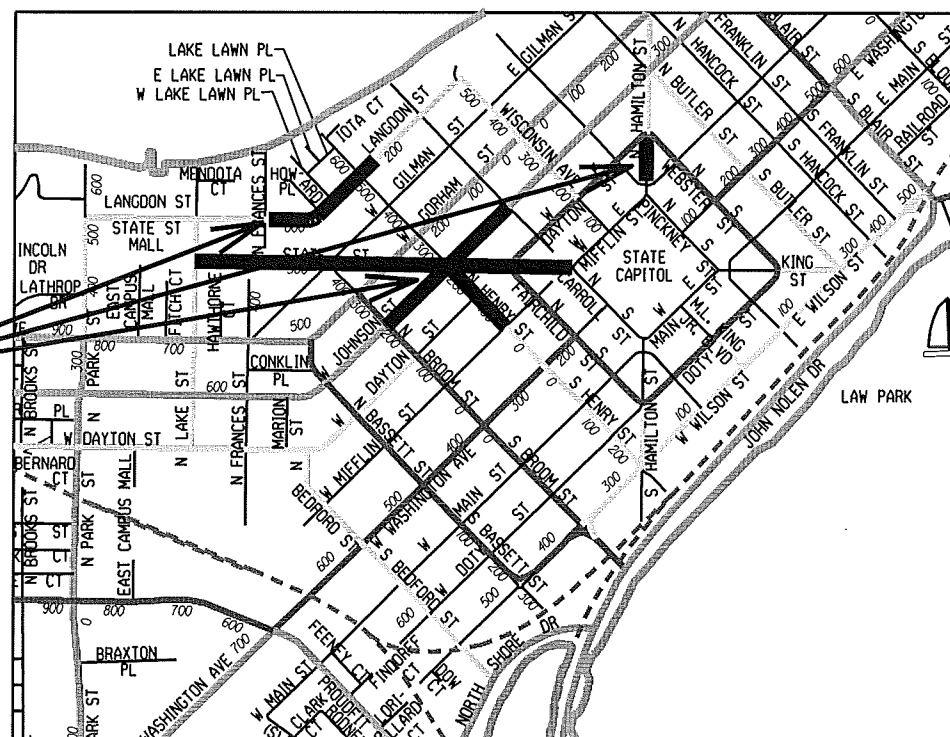


CONSTRUCTION PROJECT LOCATIONS

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% EXCEPT WHERE STREET GRADES
EXCEED 5.00%.



PUBLIC IMPROVEMENT PROJECT
APPROVED

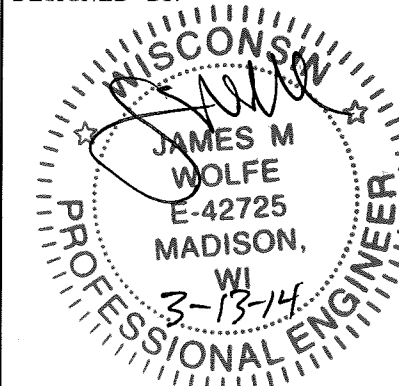
MARCH 4, 2014

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

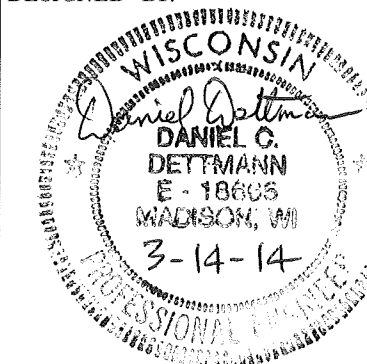
PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

Christy Bachman 3-14-14
City Engineer Date

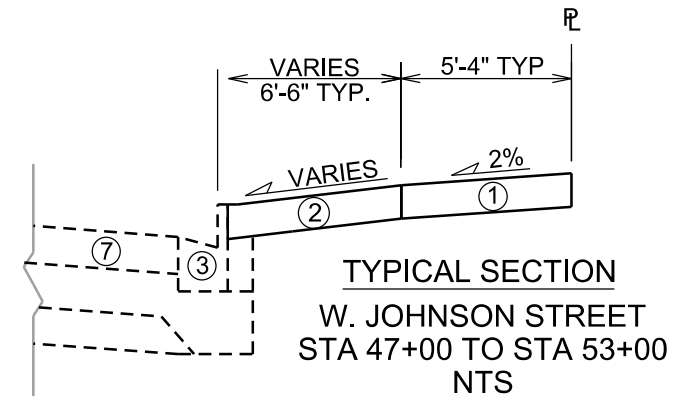
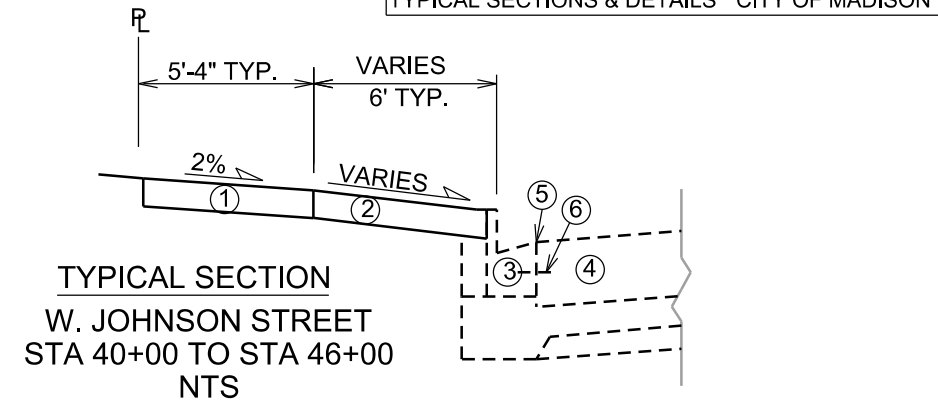
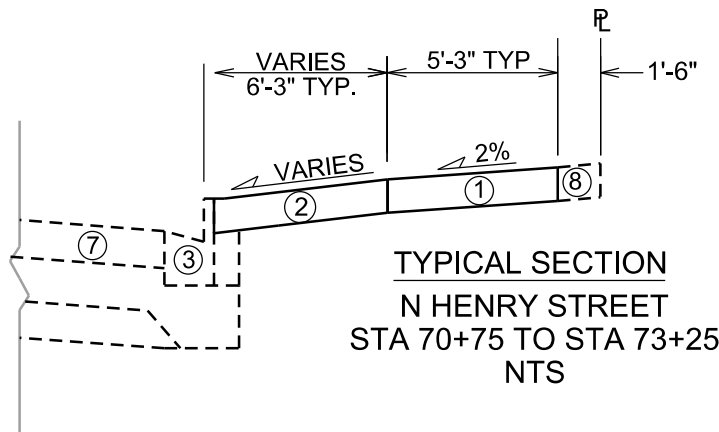
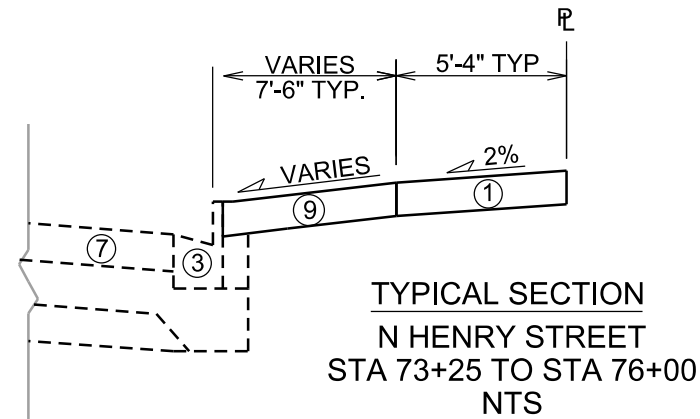
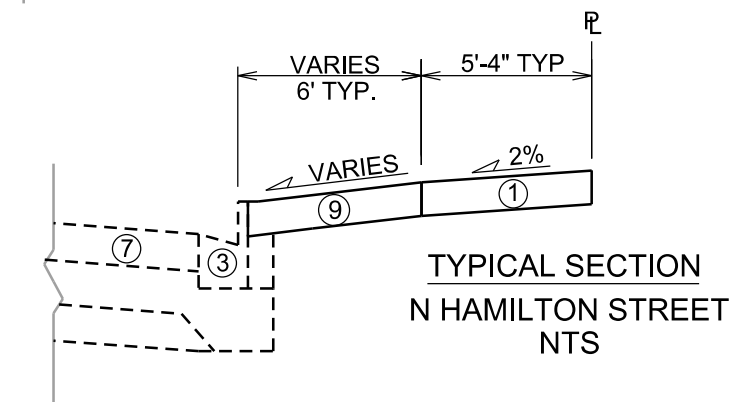
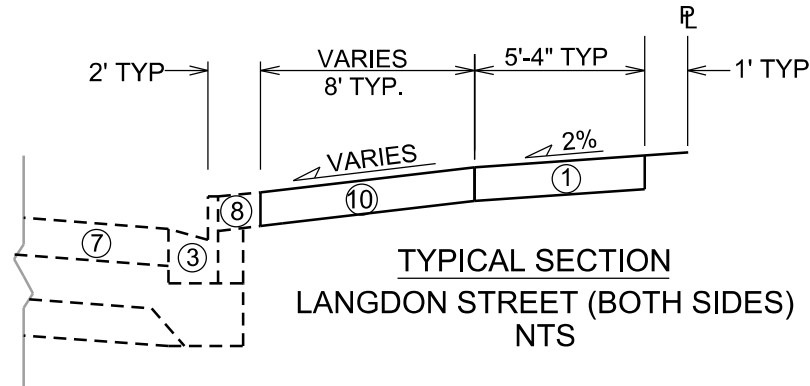
STREET
DESIGNED BY:



ELECTRICAL & STREET LIGHTING
DESIGNED BY:

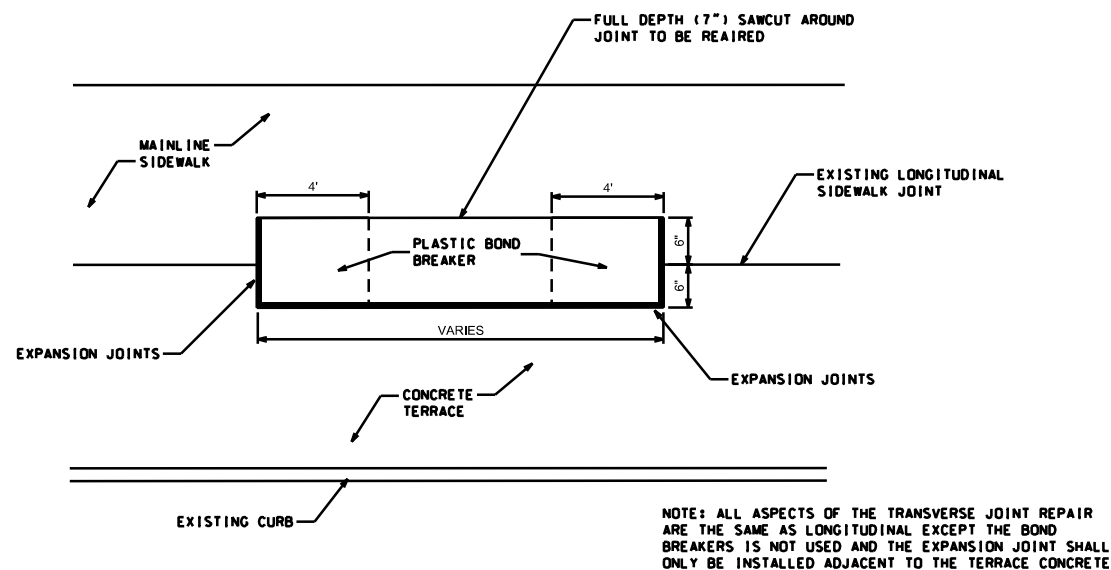


- ① 5" CONCRETE SIDEWALK (REPLACE AS SHOWN ON PLAN OR AS DIRECTED)
② 5" CONCRETE OR 7" C1 CONCRETE TERRACE (SEE PLAN)
③ EXISTING CONC CURB & GUTTER, REMOVE & REPLACE AS SHOWN OR AS DIRECTED
④ EXISTING 10" CONCRETE PAVEMENT, TAKE CARE TO NOT DAMAGE
⑤ SAWCUT WHERE CURB IS TO BE REPLACED
⑥ TIE BAR PER S.D.D. 3.10, INCIDENTAL TO CURB BEING REPLACED
⑦ EXISTING ASPHALT PAVEMENT, TAKE CARE TO NOT DAMAGE
⑧ EXISTING 5" CONCRETE SIDEWALK BAND, REPLACE AS SHOWN OR AS DIRECTED
⑨ 5" CONCRETE TERRACE (REPLACE AS SHOWN OR AS DIRECTED)
⑩ 7" C1 CONCRETE TERRACE

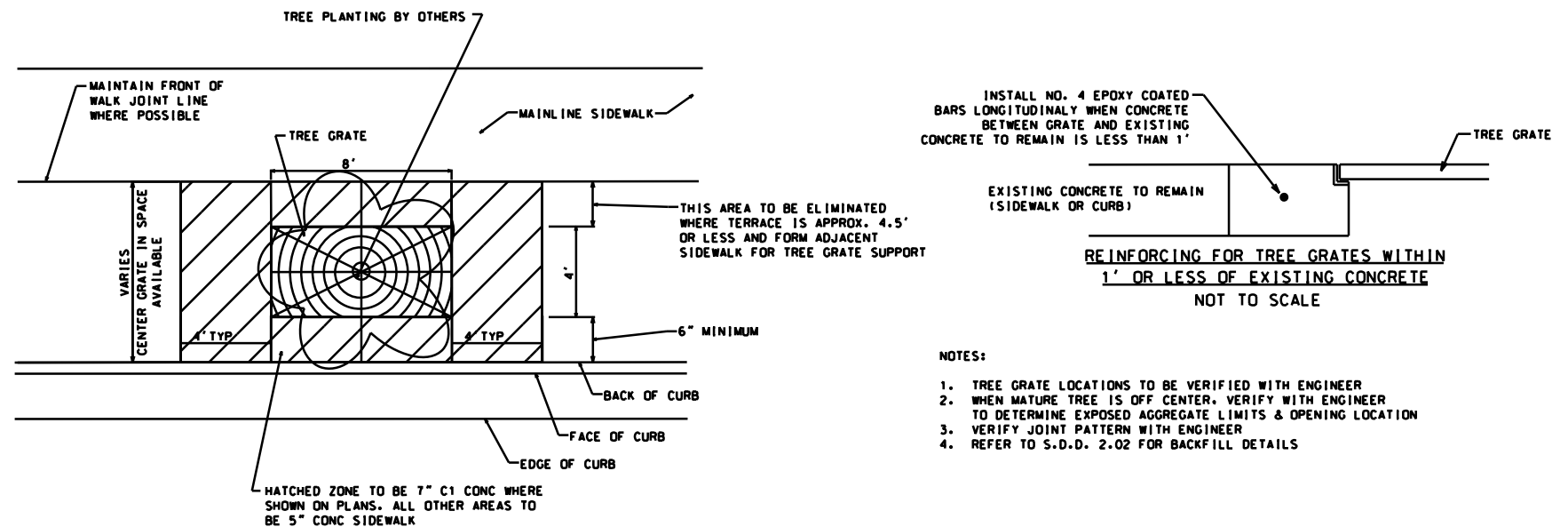


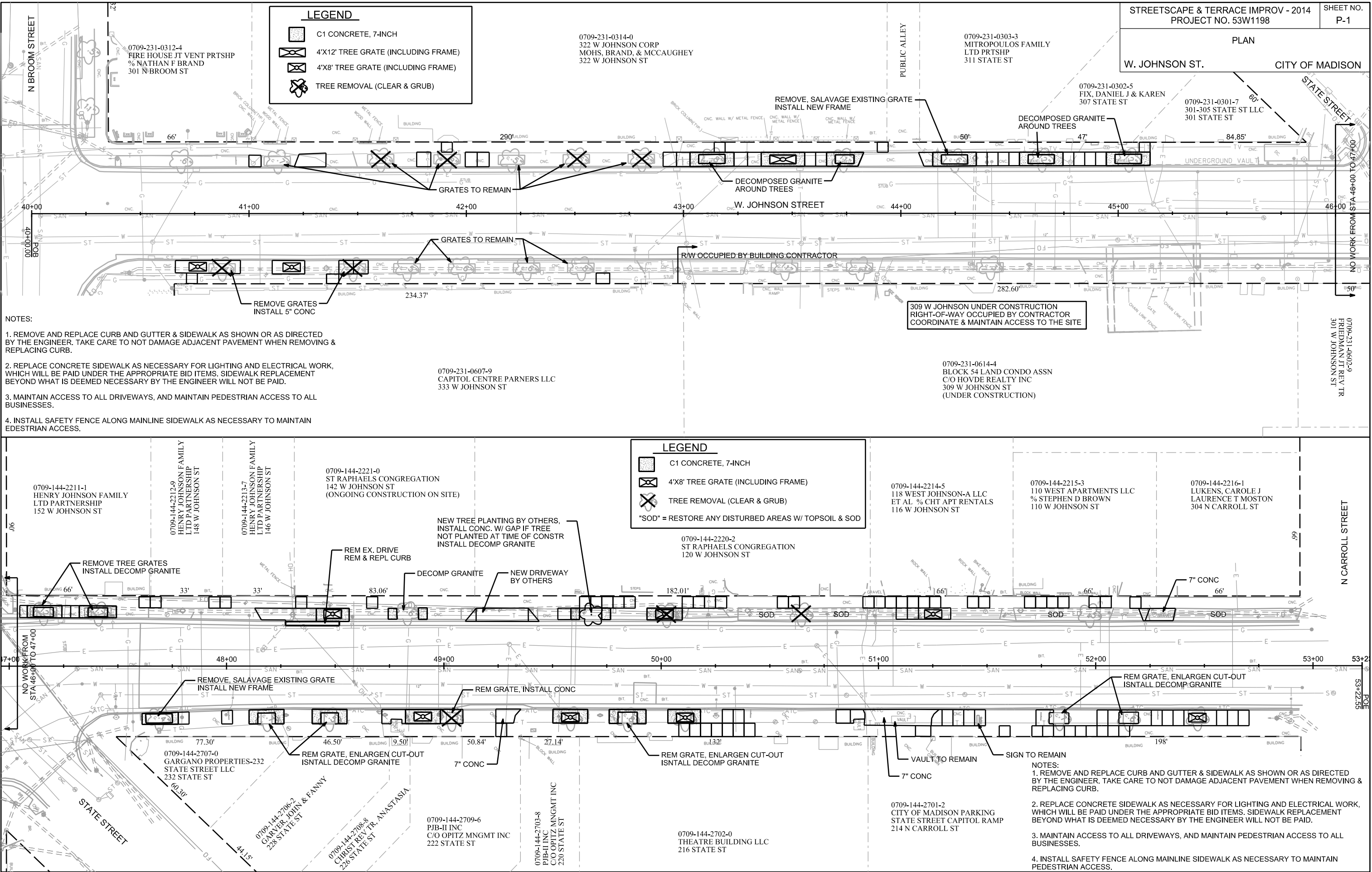
- NOTES:
1. ALL CURB AND GUTTER TO BE PAID AS "HAND FORMED CURB"
 2. INSTALL EXPANSION JOINTS PER THE STANDARD DETAILS AND AS DIRECTED BY THE ENGINEER

C1 LONGITUDINAL JOINT REPAIR DETAIL
NOT TO SCALE



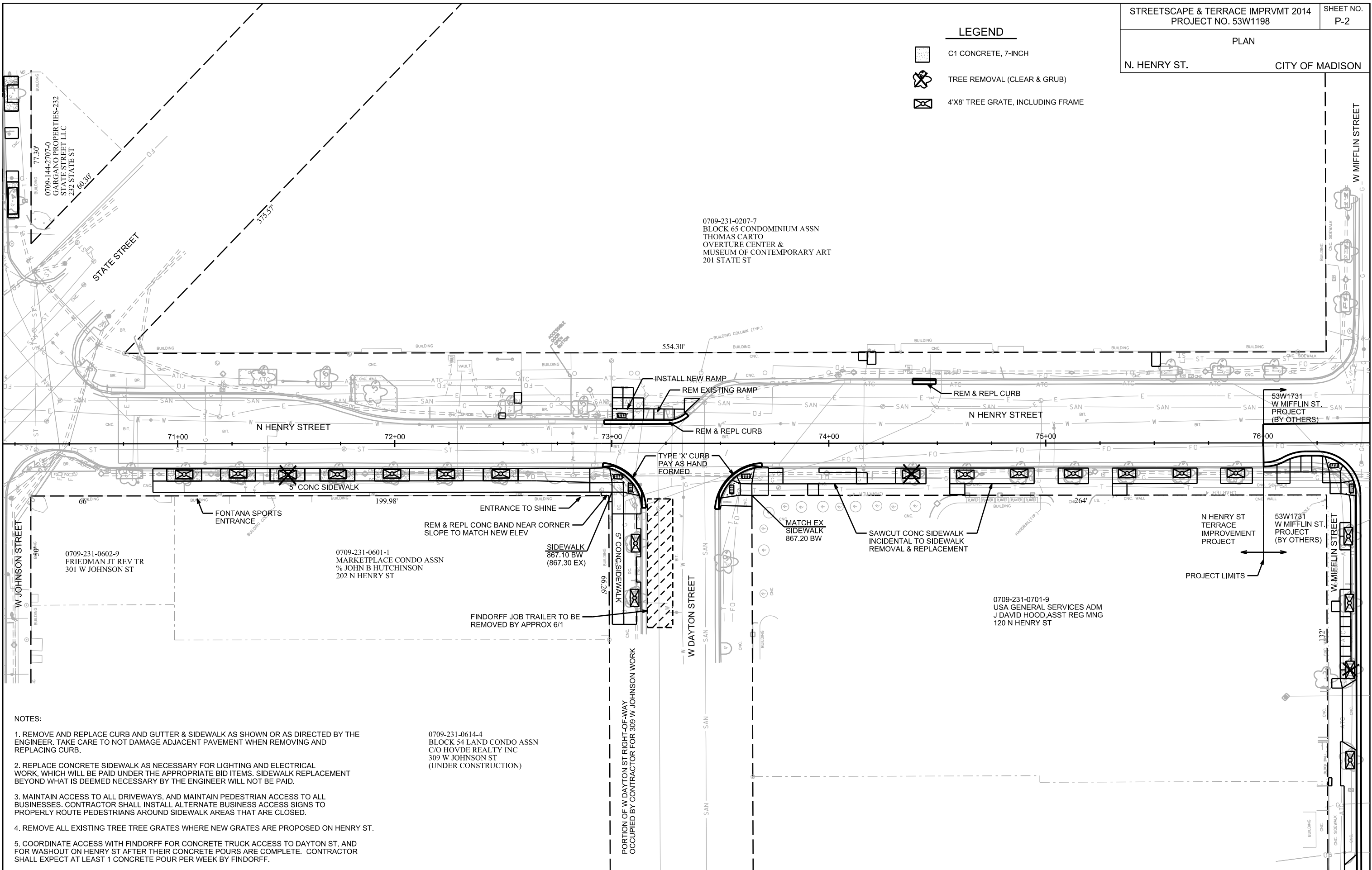
TREE GRATE INSTALLATION DETAIL
NOT TO SCALE





LEGEND

-  C1 CONCRETE, 7-INCH
-  TREE REMOVAL (CLEAR & GRUB)
-  4'X8' TREE GRATE, INCLUDING FRAME



NOTES:

1. REMOVE AND REPLACE CURB AND GUTTER & SIDEWALK AS SHOWN OR AS DIRECTED BY THE ENGINEER. TAKE CARE TO NOT DAMAGE ADJACENT PAVEMENT WHEN REMOVING AND REPLACING CURB.
2. REPLACE CONCRETE SIDEWALK AS NECESSARY FOR LIGHTING AND ELECTRICAL WORK, WHICH WILL BE PAID UNDER THE APPROPRIATE BID ITEMS. SIDEWALK REPLACEMENT BEYOND WHAT IS DEEMED NECESSARY BY THE ENGINEER WILL NOT BE PAID.
3. MAINTAIN ACCESS TO ALL DRIVEWAYS, AND MAINTAIN PEDESTRIAN ACCESS TO ALL BUSINESSES. CONTRACTOR SHALL INSTALL ALTERNATE BUSINESS ACCESS SIGNS TO PROPERLY ROUTE PEDESTRIANS AROUND SIDEWALK AREAS THAT ARE CLOSED.
4. REMOVE ALL EXISTING TREE TREE GRATES WHERE NEW GRATES ARE PROPOSED ON HENRY ST.
5. COORDINATE ACCESS WITH FINDORFF FOR CONCRETE TRUCK ACCESS TO DAYTON ST. AND FOR WASHOUT ON HENRY ST AFTER THEIR CONCRETE POURS ARE COMPLETE. CONTRACTOR SHALL EXPECT AT LEAST 1 CONCRETE POUR PER WEEK BY FINDORFF.

0709-231-0614-4
BLOCK 54 LAND CONDO ASSN
C/O HOVDE REALTY INC
309 W JOHNSON ST
(UNDER CONSTRUCTION)

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

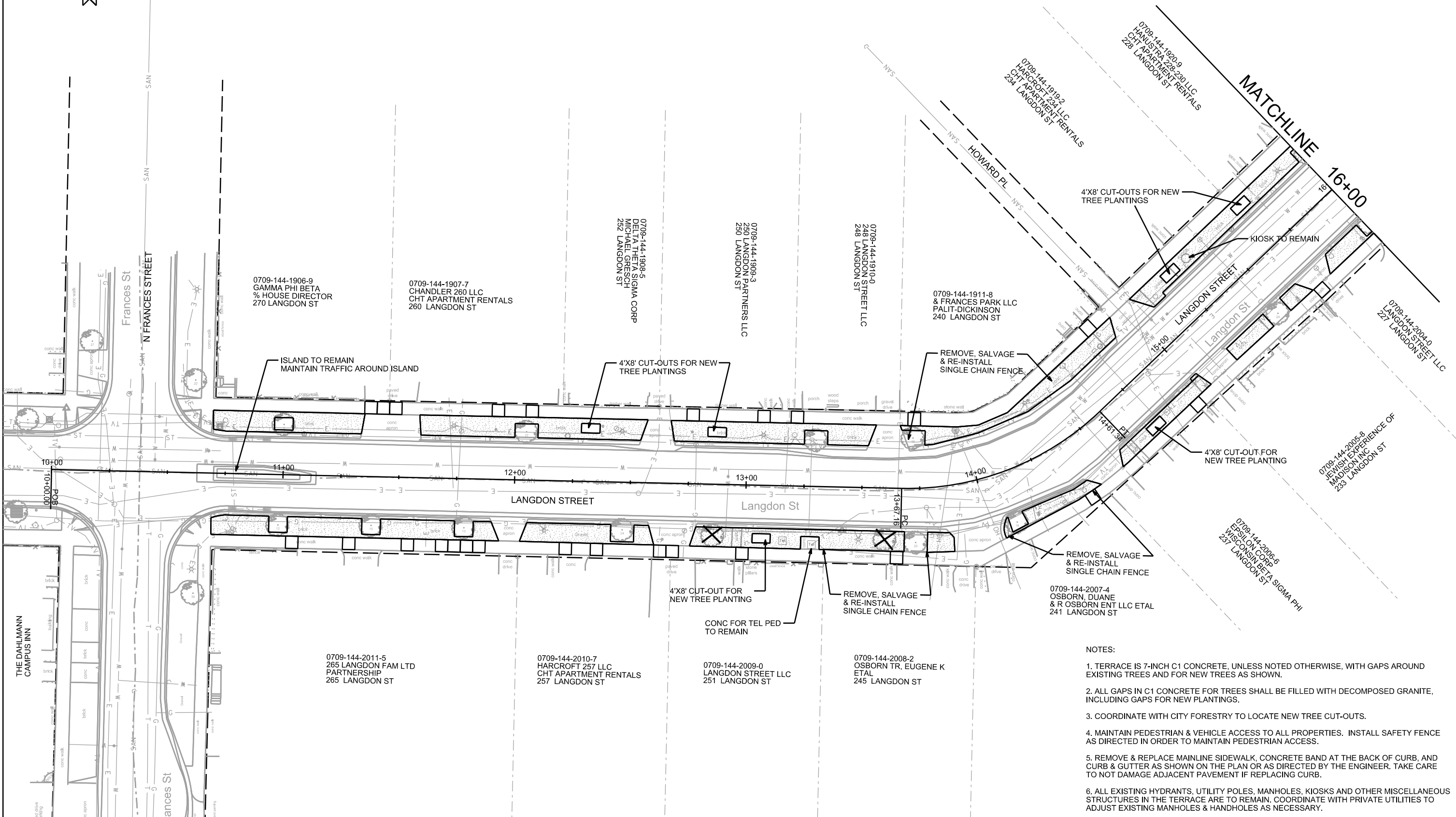
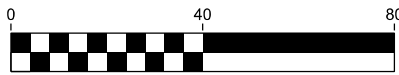
LEGEND



TREE REMOVAL (CLEAR & GRUB)

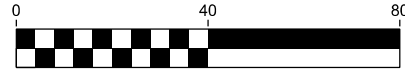


C1 CONCRETE, 7-INCH

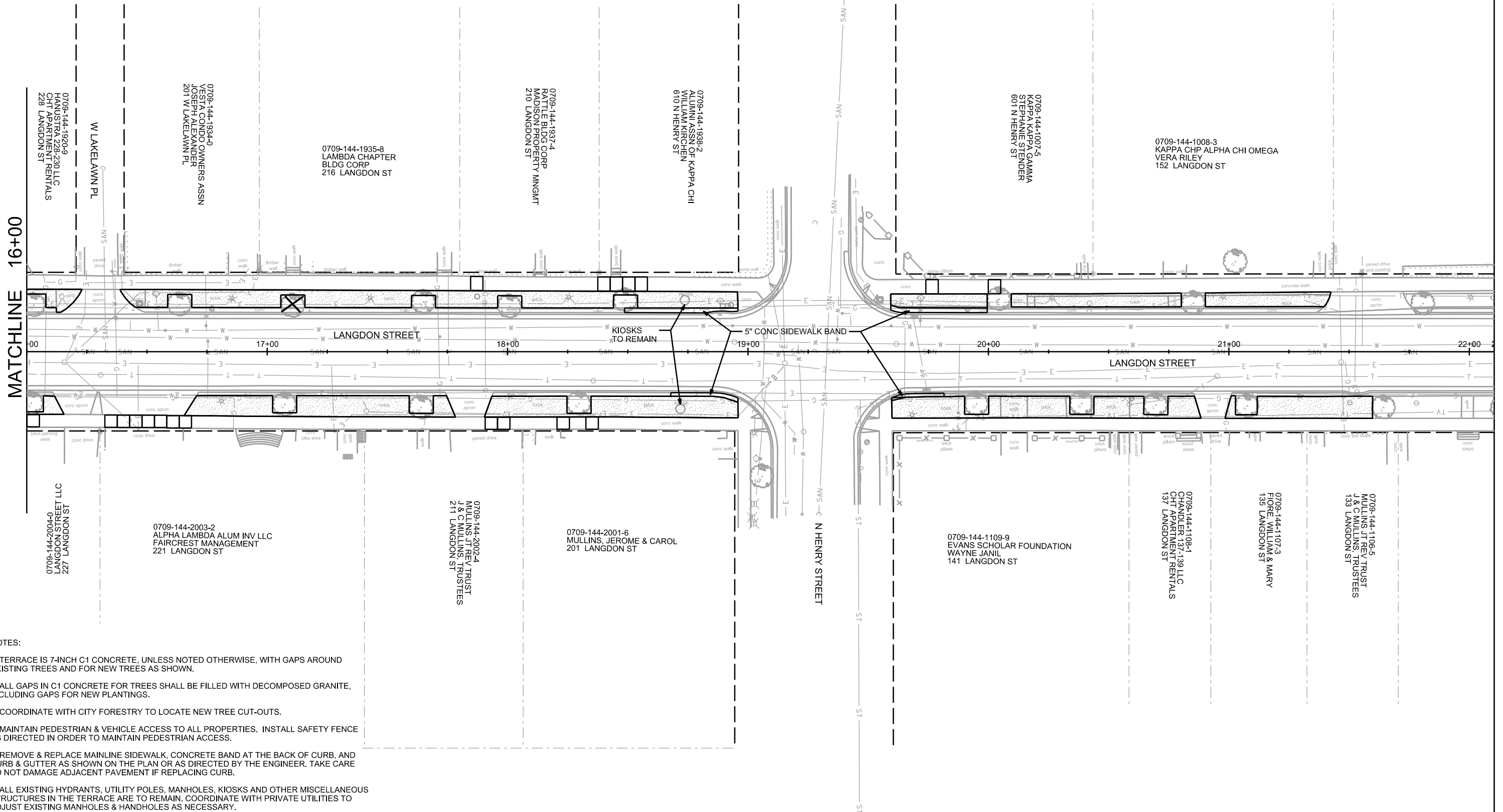


NOTES:

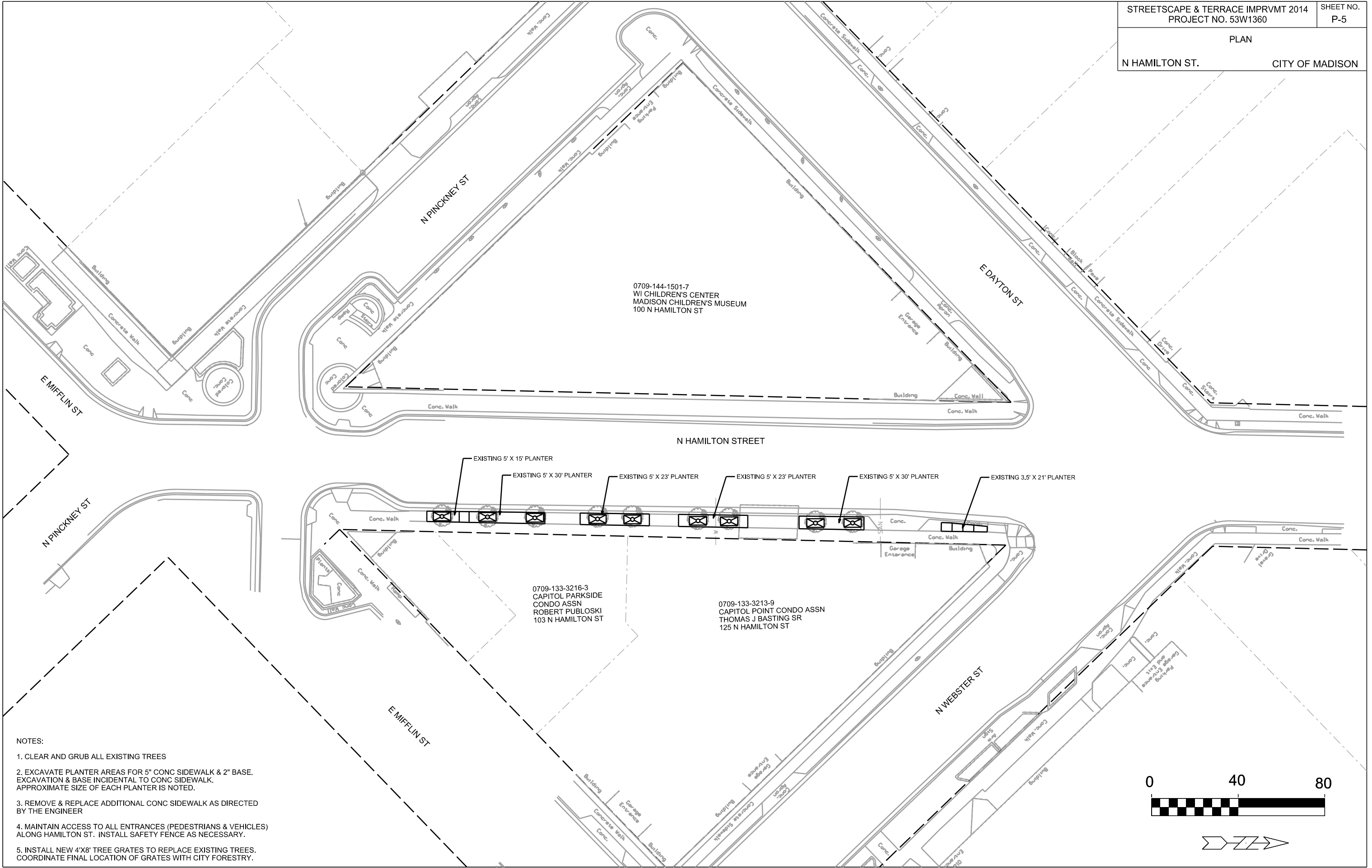
1. TERRACE IS 7-INCH C1 CONCRETE, UNLESS NOTED OTHERWISE, WITH GAPS AROUND EXISTING TREES AND FOR NEW TREES AS SHOWN.
2. ALL GAPS IN C1 CONCRETE FOR TREES SHALL BE FILLED WITH DECOMPOSED GRANITE, INCLUDING GAPS FOR NEW PLANTINGS.
3. COORDINATE WITH CITY FORESTRY TO LOCATE NEW TREE CUT-OUTS.
4. MAINTAIN PEDESTRIAN & VEHICLE ACCESS TO ALL PROPERTIES. INSTALL SAFETY FENCE AS DIRECTED IN ORDER TO MAINTAIN PEDESTRIAN ACCESS.
5. REMOVE & REPLACE MAINLINE SIDEWALK, CONCRETE BAND AT THE BACK OF CURB, AND CURB & GUTTER AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER. TAKE CARE TO NOT DAMAGE ADJACENT PAVEMENT IF REPLACING CURB.
6. ALL EXISTING HYDRANTS, UTILITY POLES, MANHOLES, KIOSKS AND OTHER MISCELLANEOUS STRUCTURES IN THE TERRACE ARE TO REMAIN. COORDINATE WITH PRIVATE UTILITIES TO ADJUST EXISTING MANHOLES & HANDHOLES AS NECESSARY.



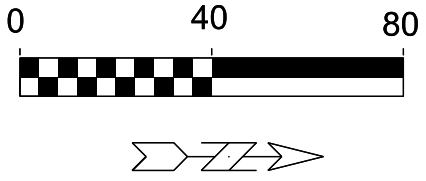
C1 CONCRETE, 7-INCH



6. ALL EXISTING HYDRANTS, UTILITY POLES, MANHOLES, KIOSKS AND OTHER MISCELLANEOUS STRUCTURES IN THE TERRACE ARE TO REMAIN. COORDINATE WITH PRIVATE UTILITIES TO ADJUST EXISTING MANHOLES & HANDHOLES AS NECESSARY.



- NOTES:
1. CLEAR AND GRUB ALL EXISTING TREES
 2. EXCAVATE PLANTER AREAS FOR 5" CONC SIDEWALK & 2" BASE. EXCAVATION & BASE INCIDENTAL TO CONC SIDEWALK. APPROXIMATE SIZE OF EACH PLANTER IS NOTED.
 3. REMOVE & REPLACE ADDITIONAL CONC SIDEWALK AS DIRECTED BY THE ENGINEER
 4. MAINTAIN ACCESS TO ALL ENTRANCES (PEDESTRIANS & VEHICLES) ALONG HAMILTON ST. INSTALL SAFETY FENCE AS NECESSARY.
 5. INSTALL NEW 4'X8' TREE GRATES TO REPLACE EXISTING TREES. COORDINATE FINAL LOCATION OF GRATES WITH CITY FORESTRY.



ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

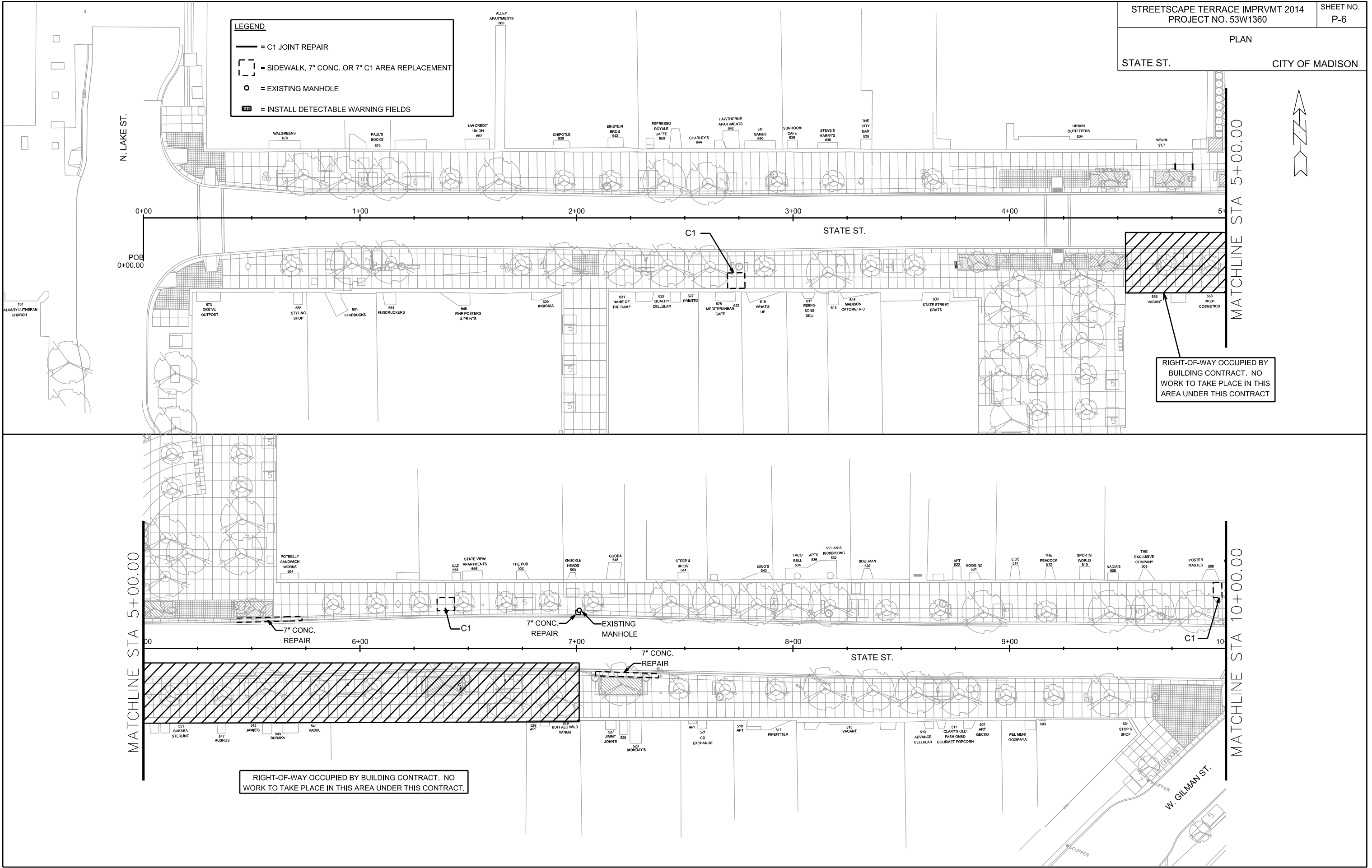
LEGEND

= C1 JOINT REPAIR

= SIDEWALK, 7" CONC. OR 7" C1 AREA REPLACEMENT

= EXISTING MANHOLE

= INSTALL DETECTABLE WARNING FIELDS



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

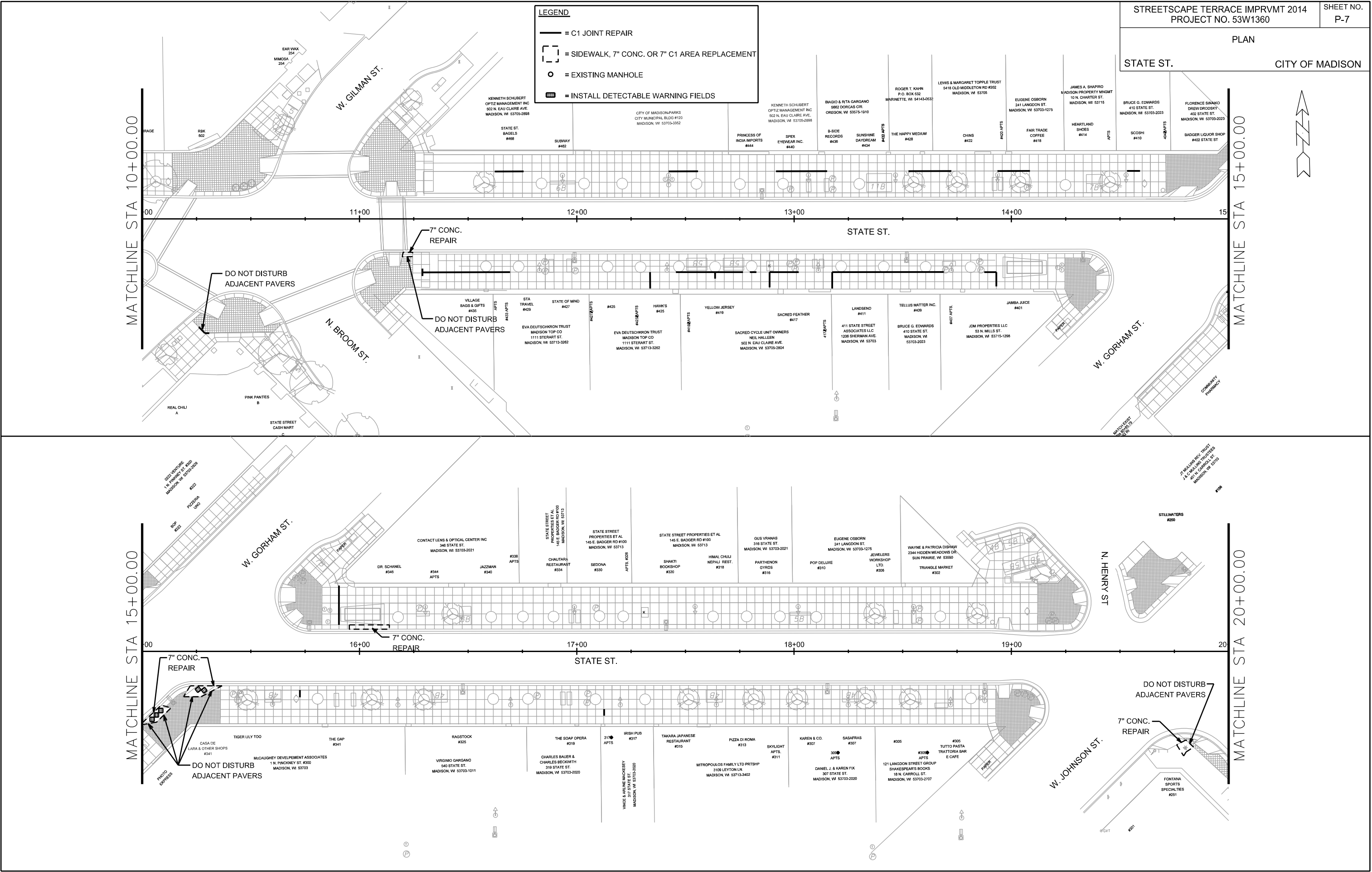
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN

STATE ST.

CITY OF MADISON

LEGEND

— = C1 JOINT REPAIR

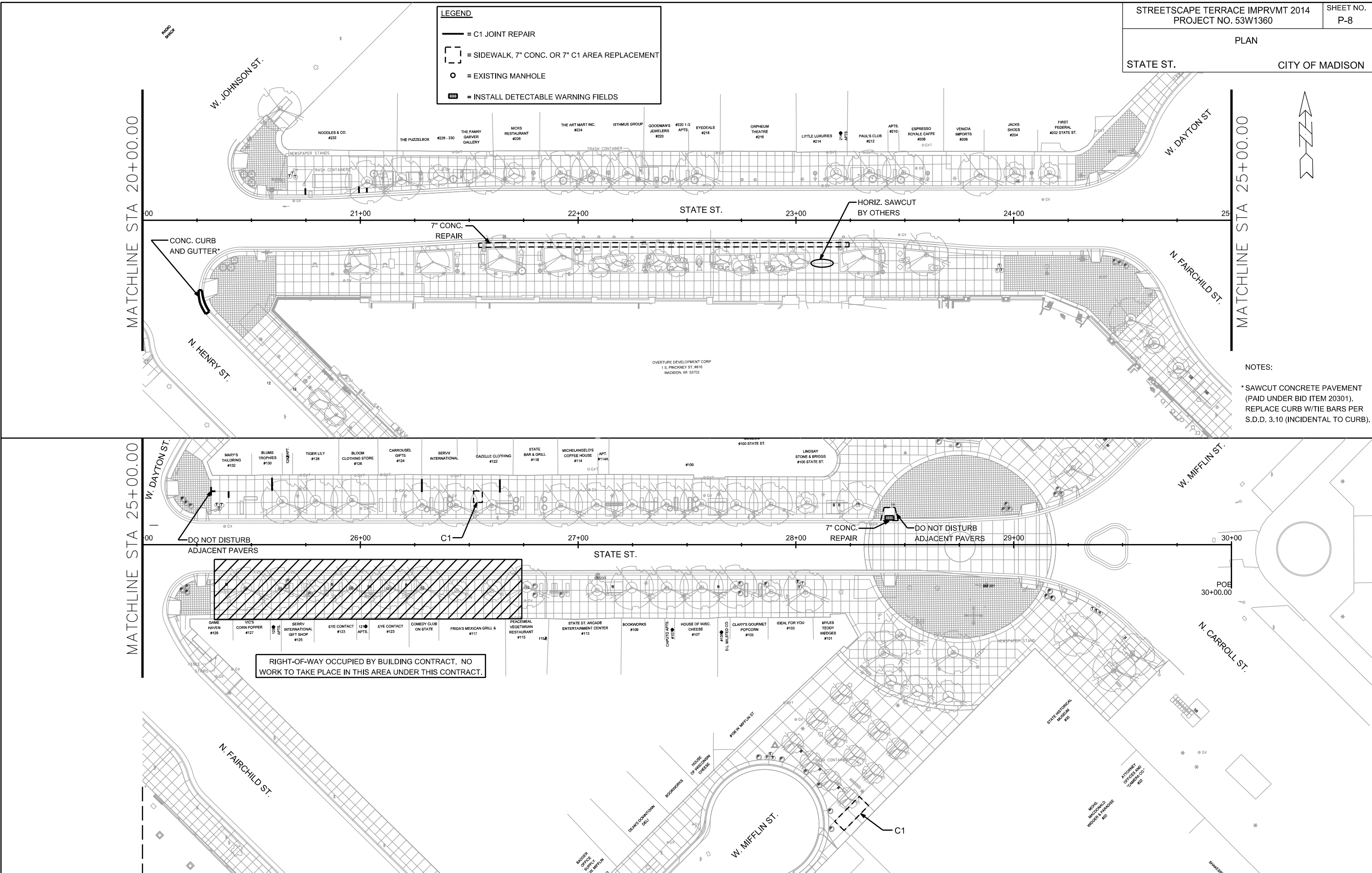
□ = SIDEWALK, 7" CONC. OR 7" C1 AREA REPLACEMENT

○ = EXISTING MANHOLE

■ = INSTALL DETECTABLE WARNING FIELDS

NOTES:

* SAWCUT CONCRETE PAVEMENT
(PAID UNDER BID ITEM 20301).
REPLACE CURB W/TIE BARS PER
S.D.D. 3.10 (INCIDENTAL TO CURB).

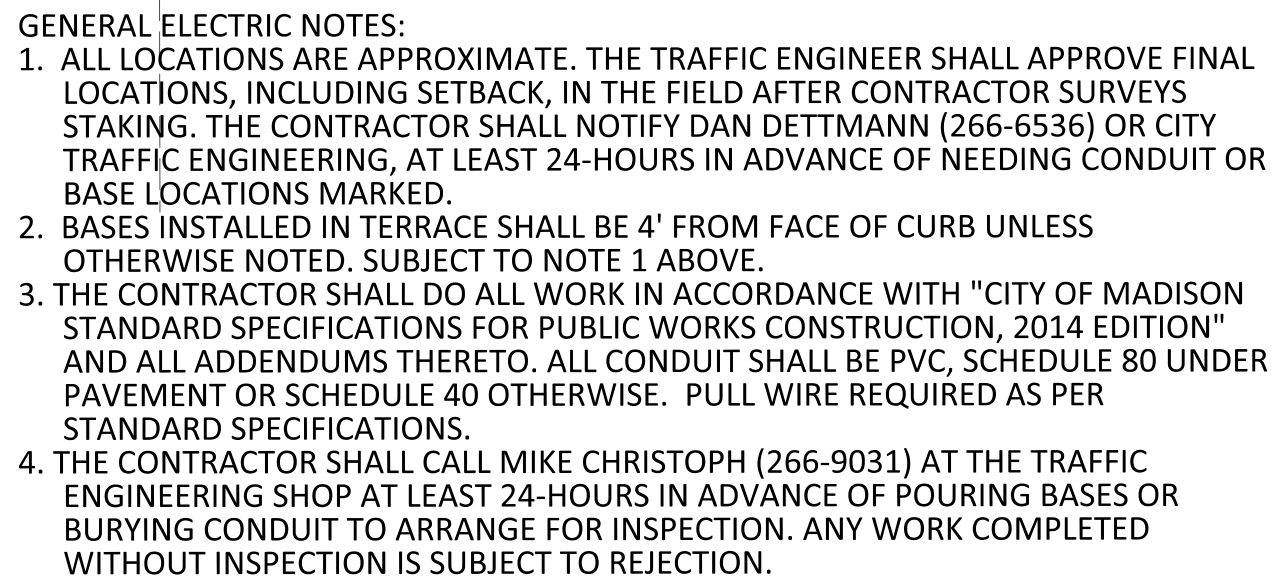


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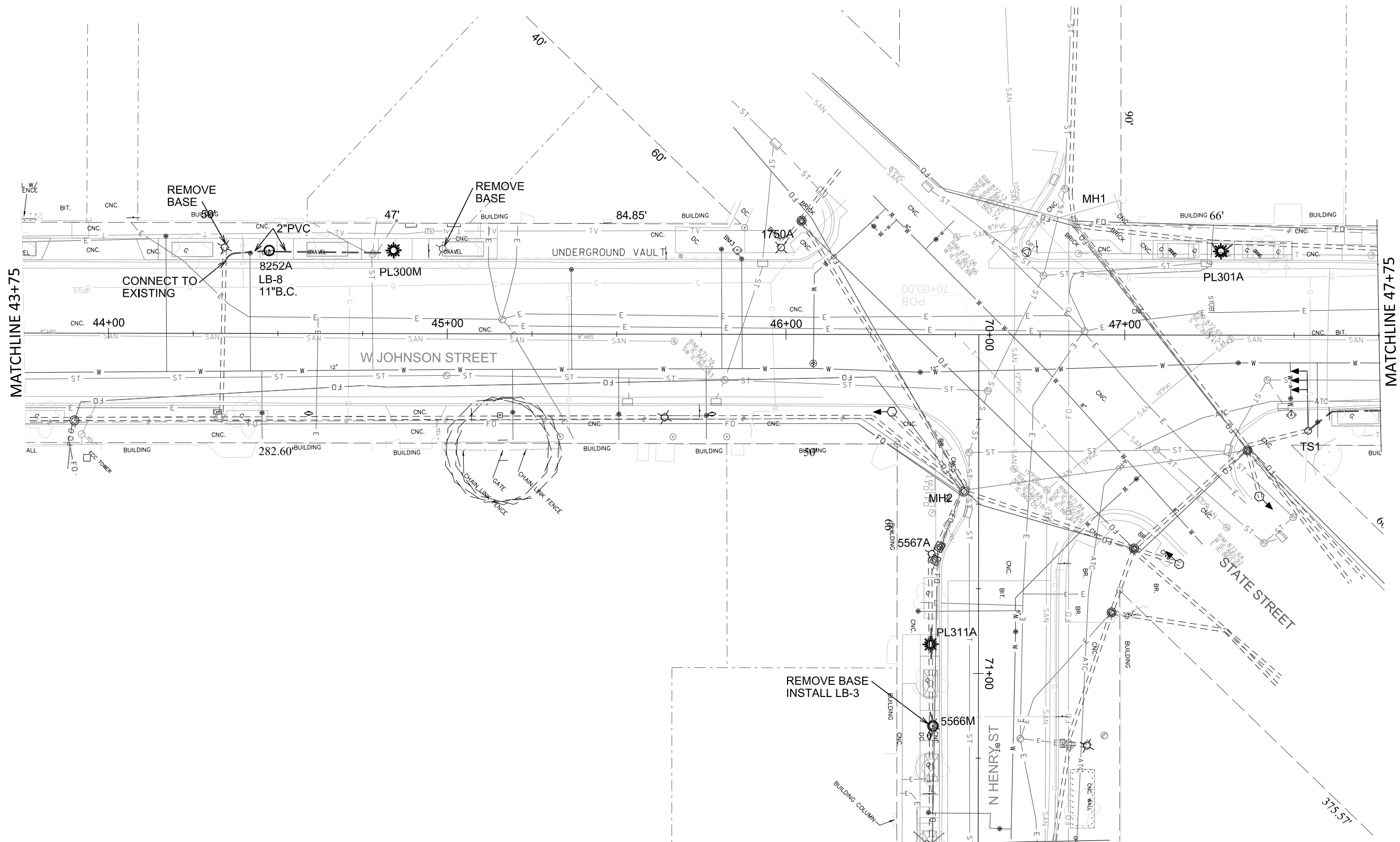
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



- INSTALL LB-9 BASE, CONNECT TO EXISTING LIGHTING CONDUIT OR NEW CONDUIT
- INSTALL LB-3 BASE, OR LB-8 BASE WHERE NOTED
CONNECT TO EXISTING LIGHTING CONDUIT OR NEW CONDUIT
- ELECTRICAL HANDHOLE TYPE I
- EXISTING STREETLIGHT
- EXISTING ELECTRICAL HANDHOLE
- MULTI-SPACE PARKING METER BASE, CONNECT TO EXISTING LIGHTING CONDUIT OR NEW CONDUIT



PLOT SCALE:

PLOT NAME:

REV. DATE:

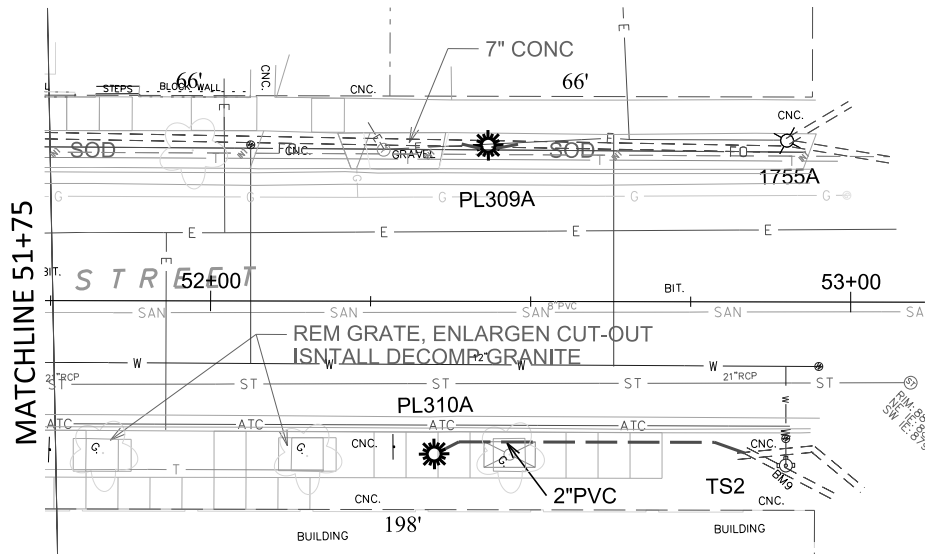
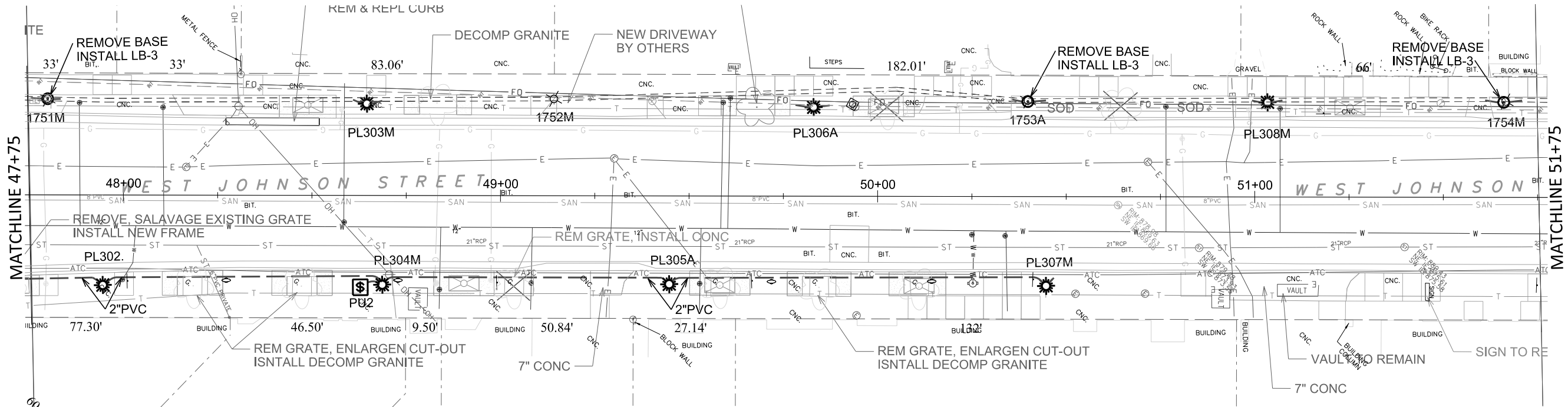
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

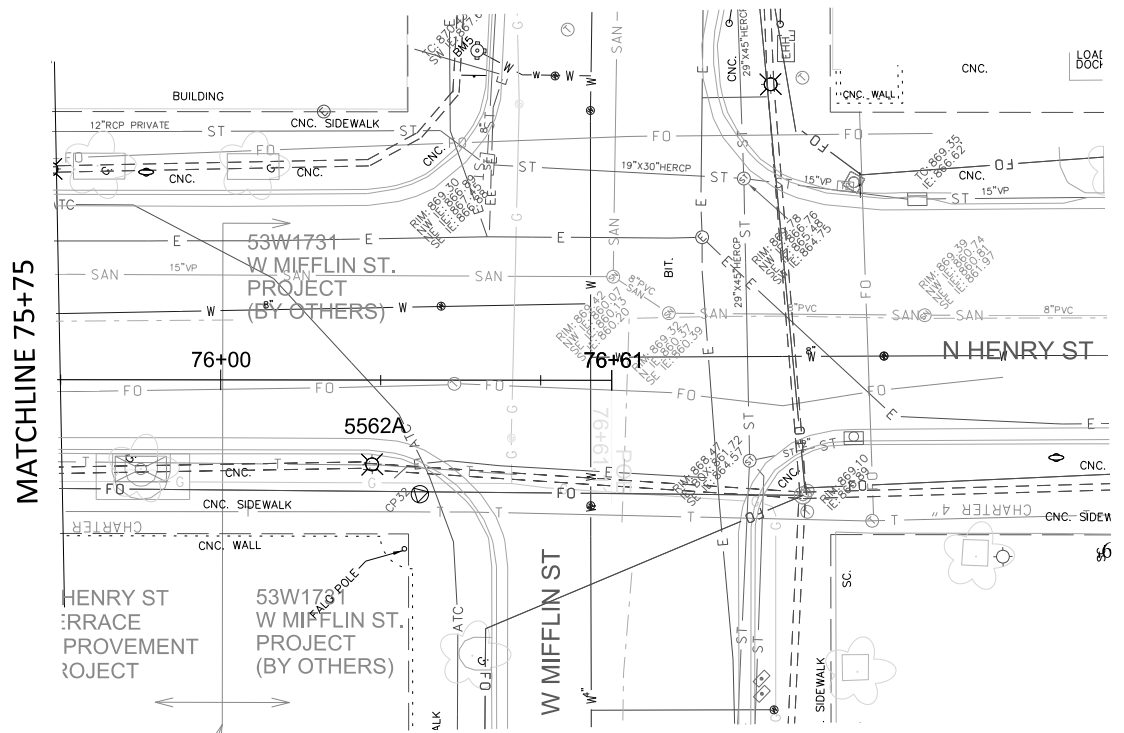
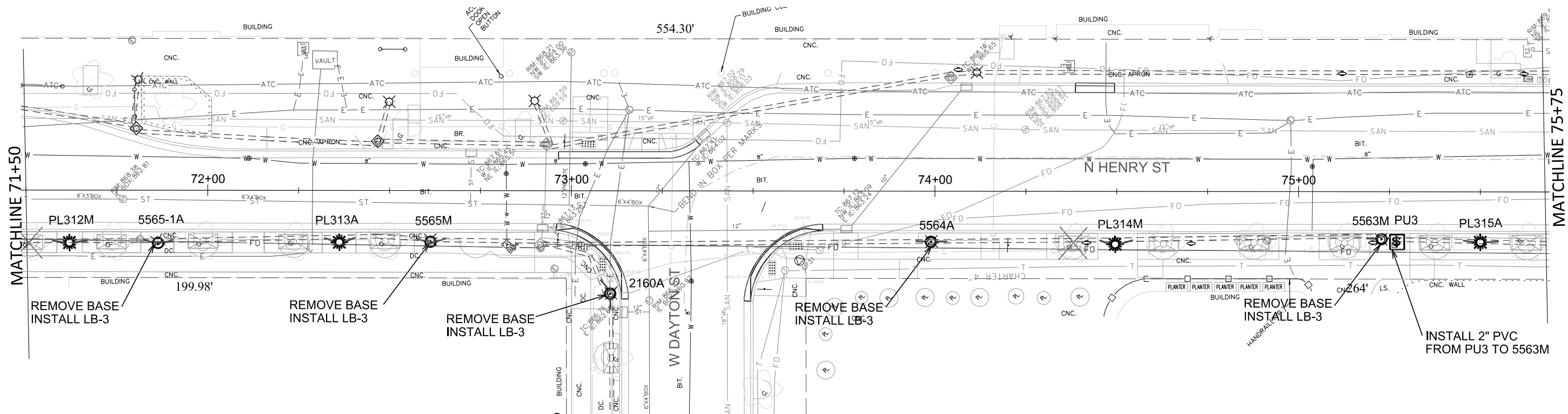
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.





PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

- GENERAL ELECTRIC 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 DAN DETTMANN (266-6536) OR CITY TRAFFIC ENGINEERING, AT LEAST 24-HOURS IN ADVANCE OF NEEDING CONDUIT OR BASE LOCATIONS MARKED.
 2. BASES INSTALLED IN TERRACE SHALL BE 4' FROM FACE OF CURB UNLESS OTHERWISE NOTED. SUBJECT TO NOTE 1 ABOVE.
 3. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2014 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.
 4. THE CONTRACTOR SHALL CALL MIKE CHRISTOPH (266-9031) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF POURING BASES OR BURYING CONDUIT TO ARRANGE FOR INSPECTION. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.

LEGEND

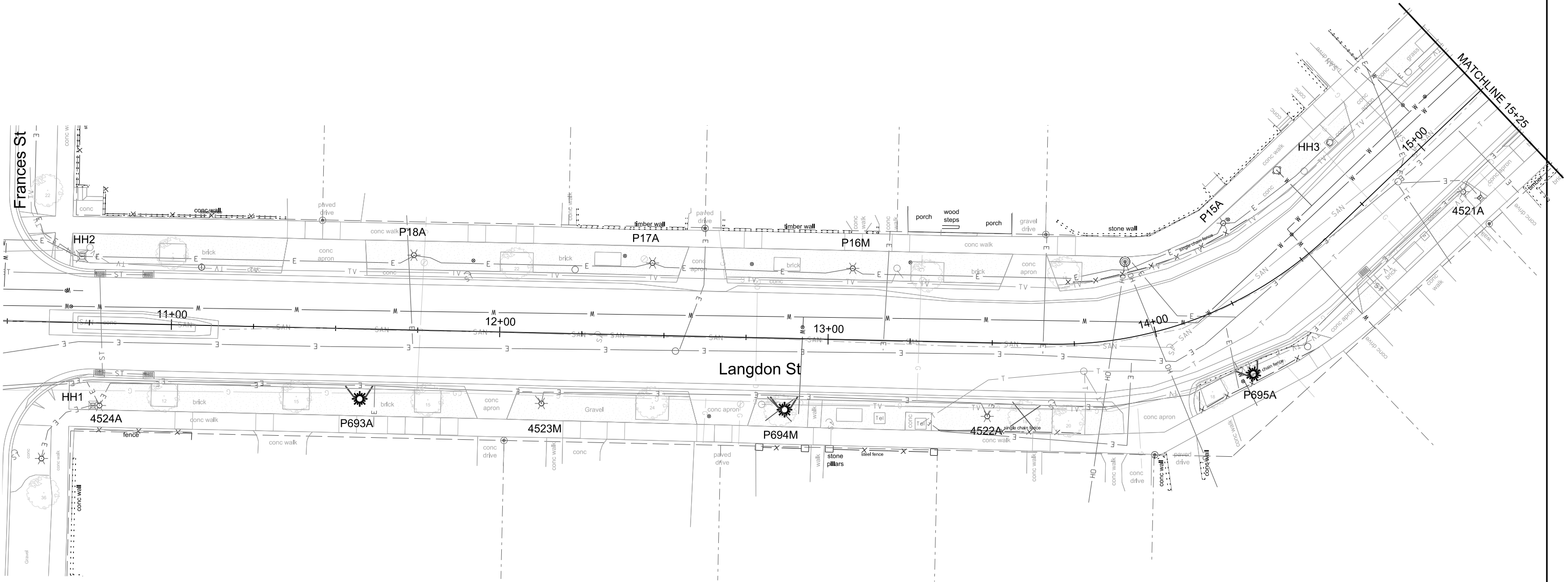
- INSTALL LB-1 BASE, CONNECT TO EXISTING CONDUIT
- MULTI-SPACE PARKING METER BASE, CONNECT TO EXISING LIGHTING CONDUIT
- EXISTING ELECTRICAL HANDHOLE
- EXISTING STREETLIGHT
- EXISTING CONDUIT

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

