

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED

JULY 13, 2018

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

[Signature] 4/5/19
City Engineer Date

STREET GRADES DESIGNED BY:

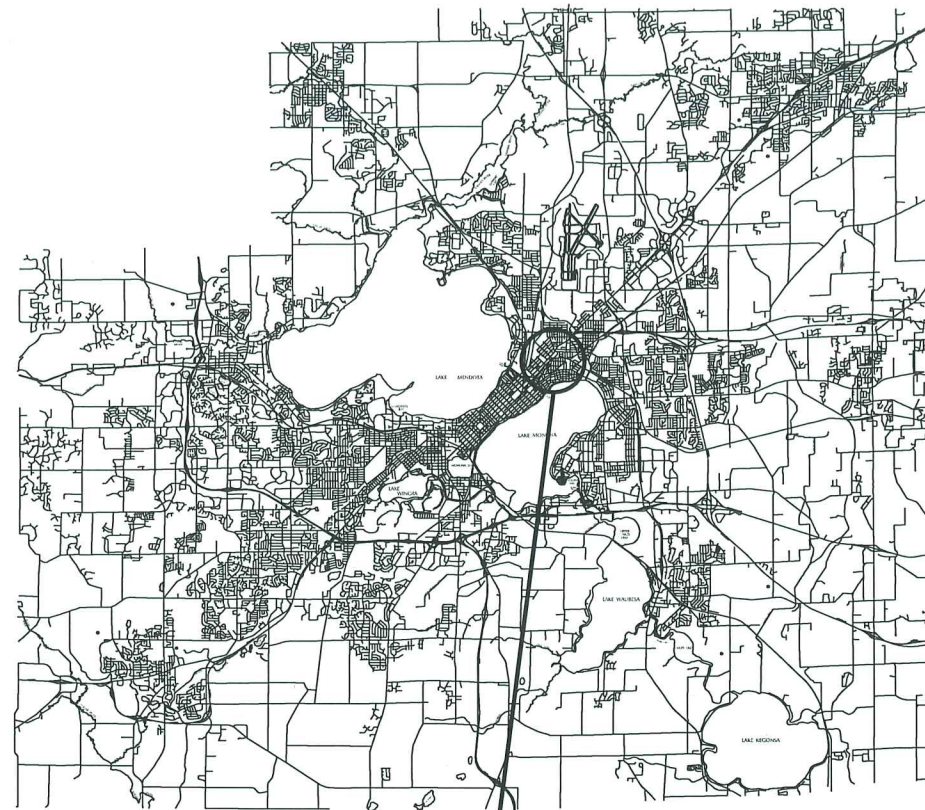
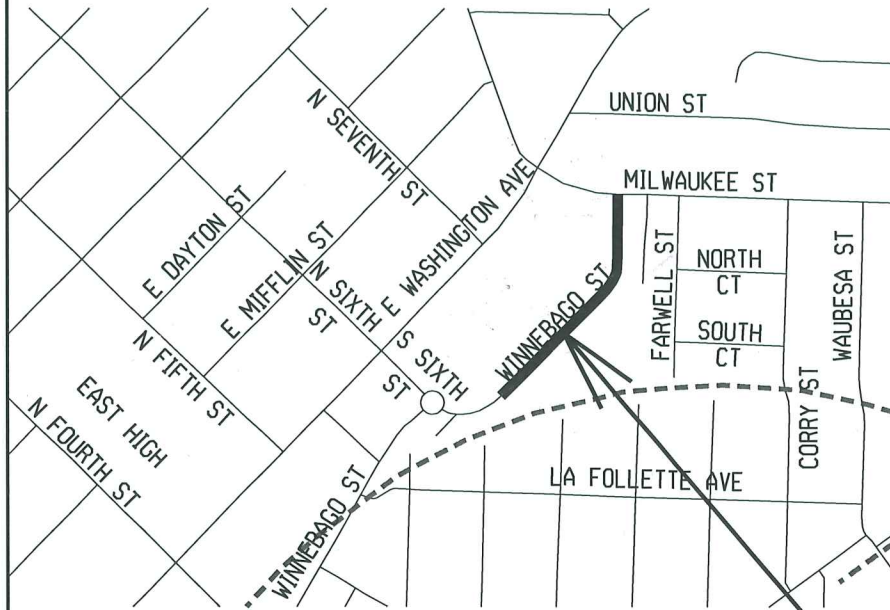
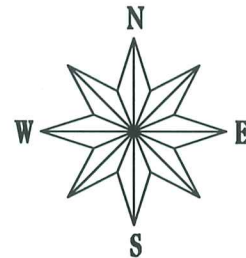


INDEX OF SHEETS

SHEET NO. D1	GENERAL NOTES
SHEET NO. D2	TYPICAL SECTION
SHEET NO. D3	CONCRETE SPEED HUMP WITH RAISED GUTTER DETAILS
SHEET NO. E1	ELECTRICAL PLAN
SHEET NO. MI-M2	MARKING PLAN
SHEET NO. PI-P4	STREET PLAN & PROFILE
SHEET NO. UI-U3	UTILITY PLAN
SHEET NO. LI	LANDSCAPING PLAN

2507 WINNEBAGO STREET - GRAND FAMILY HOUSING

CITY PROJECT NO. 11940
CITY CONTRACT NO. 8218
MUNIS NO. 11940



PROJECT LOCATION

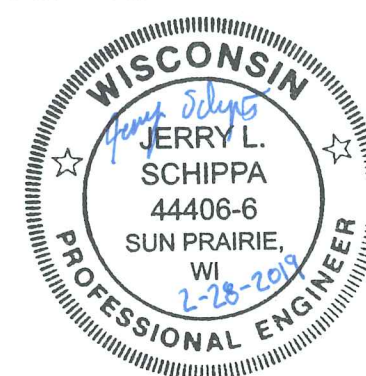
PAVEMENT MARKINGS & STREET GEOMETRY DESIGNED BY:



STORM SEWER DESIGNED BY:



ELECTRICAL DESIGNED BY:



SANITARY SEWER DESIGNED BY:

Laterals only by Developer
[Signature]
2/28/19

PLOT SCALE:

PLOT NAME:

REV. DATE:



ORIGINATOR: CITY OF MADISON - STREETS DIVISION

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. THE LOCATIONS, SPECIFICATIONS AND PLANTING METHODS OF ALL PROPOSED NEW OR REPLACEMENT TREES IN 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, REFERRING TO NOTIFICATION OF PROPERTY OCCUPANTS AND/OR OWNERS, HAS BEEN COMPLIED WITH.

DEVELOPER MUST SUBMIT A TRAFFIC CONTROL PLAN TO CITY TRAFFIC ENGINEERING AT LEAST 14 DAYS PRIOR TO THE START OF WORK. WORK SHALL NOT PROCEED UNTIL AN APPROVED TRAFFIC CONTROL PLAN IS IN PLACE

ANY CONTAMINATED SOIL FOUND IN THE ROW SHALL FOLLOW THE MATERIALS MANAGEMENT APPROVED BY THE DNR FOR BRRTS SITE #06-13506291

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

ALL PAVEMENT IN THE WINNEBAGO STREET RIGHT-OF-WAY SHALL BE TYPE B PAVEMENT PER STANDARD DETAIL DRAWING 4.02.

UNDERDRAINS SHALL BE INSTALLED, PER STANDARD DETAIL DRAWING 4.05 FOR 75' ON EACH SIDE OF THE LOW POINT, OR TO THE NEAREST CURB HIGH POINT. ALL UNDERDRAIN SHALL BE WRAPPED.

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

ALL DITCHES SHALL DRAIN WITH A MINIMUM GRADES OF 0.5%

THE CROSS SLOPE OF SIDEWALKS AND BARRIER FREE SIDEWALK CURB RAMPS SHALL TYPICALLY 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 0.5% 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 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.

CURB ON CUL DE SACS SHALL BE INSTALLED ACCORDING TO SDD 3.05.

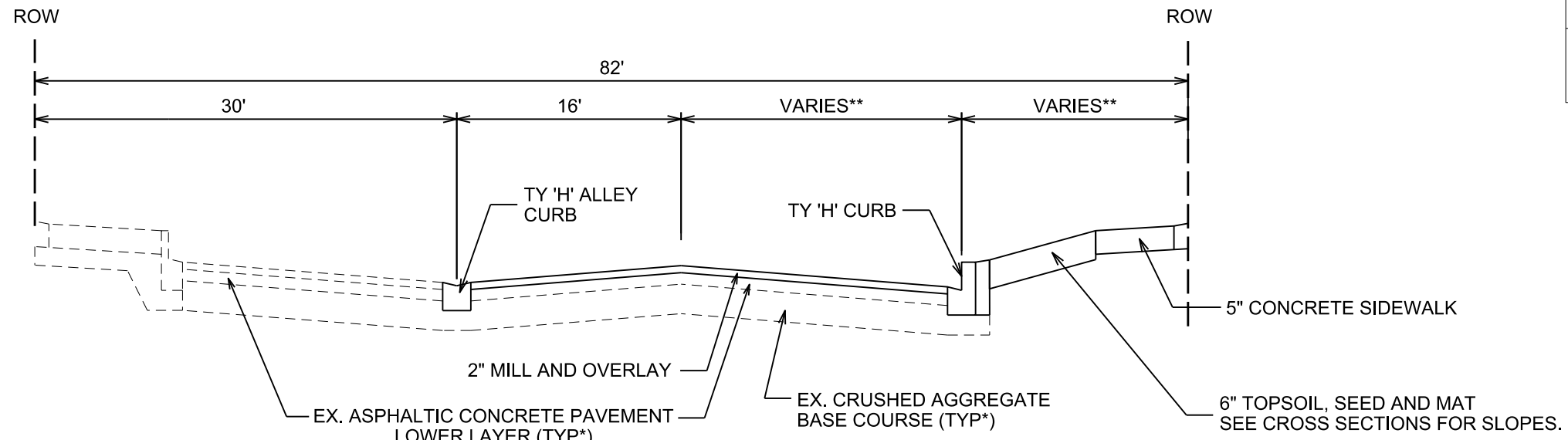
ALL WORK IN THE RIGHT OF WAY AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

PLOT SCALE: _____

PLOT NAME: _____

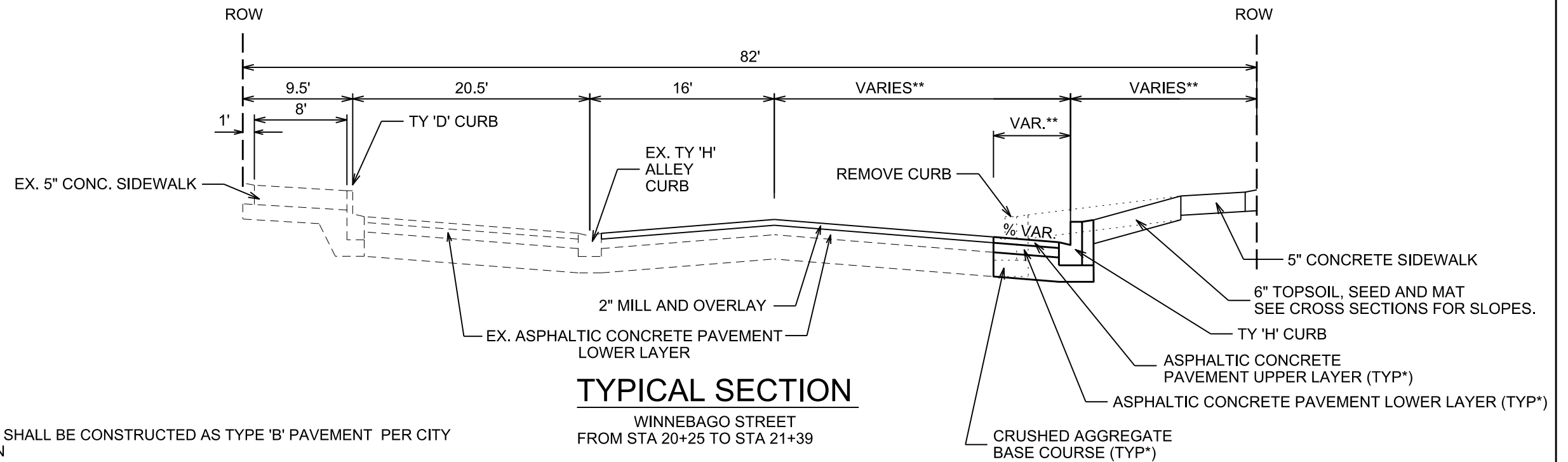
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



TYPICAL SECTION

WINNEBAGO STREET
FROM STA 19+50 TO STA 20+25



TYPICAL SECTION

WINNEBAGO STREET
FROM STA 20+25 TO STA 21+39

NOTES:

* NEW WINNEBAGO STREET PAVEMENT SHALL BE CONSTRUCTED AS TYPE 'B' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN

** SEE PLAN AND PROFILE SHEETS, D-3 DETAIL SHEET, AND CROSS SECTIONS FOR DETAILS AND DIMENSIONS

- SEE S.D.D. 4.11 FOR CONCRETE SPEED HUMP WITH RAISED GUTTER DETAILS

† CITY OF MADISON MINIMUM PAVEMENT DESIGN

TYPE	CRUSHED AGGREGATE BASE COURSE		ASPHALTIC CONCRETE PAVEMENT			
	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	LOWER LAYER		UPPER LAYER	
			TYPE	THICKNESS	TYPE	THICKNESS
A	6"	6"	4 LT 58-28 S	1.75"	4 LT 58-28 S	1.75"
B	6"	6"	3 LT 58-28 S	2.50"	4 LT 58-28 S	2.00"
C	6"	6"	3 MT 58-28 S/H 3 HT 58-28 H	3.50"	4 MT 58-28 S/H 4 HT 58-28 H	2.00"

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CONCRETE SPEED HUMP
WITH RAISED GUTTER DETAILS
WINNEBAGO STREET CITY OF MADISON

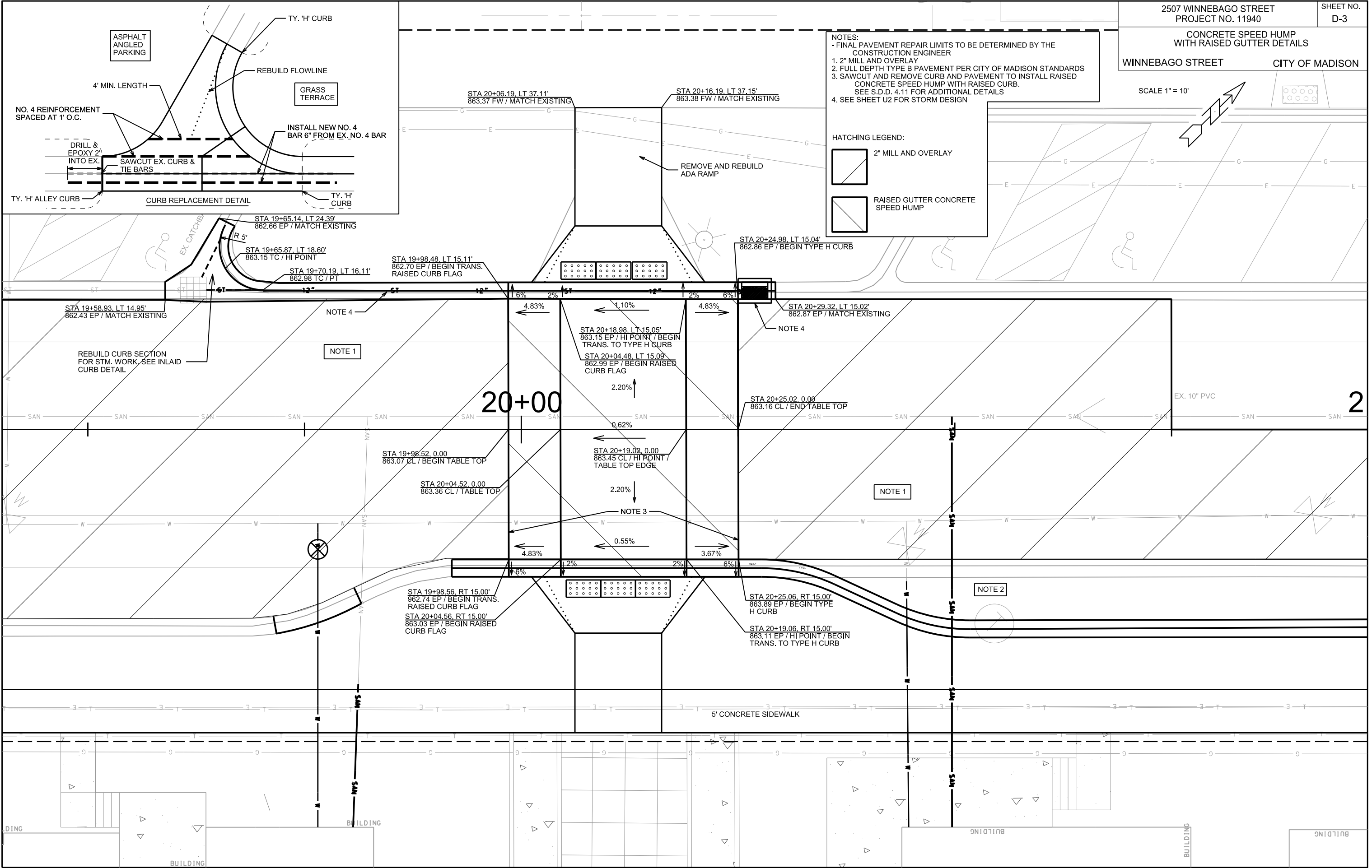
SCALE 1" = 10'

- NOTES:
- FINAL PAVEMENT REPAIR LIMITS TO BE DETERMINED BY THE CONSTRUCTION ENGINEER
 - 1. 2" MILL AND OVERLAY
 - 2. FULL DEPTH TYPE B PAVEMENT PER CITY OF MADISON STANDARDS
 - 3. SAWCUT AND REMOVE CURB AND PAVEMENT TO INSTALL RAISED CONCRETE SPEED HUMP WITH RAISED CURB. SEE S.D.D. 4.11 FOR ADDITIONAL DETAILS
 - 4. SEE SHEET U2 FOR STORM DESIGN

HATCHING LEGEND:

2" MILL AND OVERLAY

RAISED GUTTER CONCRETE SPEED HUMP



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0710-061-3511-7
GORMAN AND COMPANY INC
2518 Winnebago St

SCALE: 1" = 30'

0710-061-3428-4
CITY OF MADISON EDD
2507 Winnebago St

(1) - 2"
PVC SCH 80
42'

0710-061-3419-3
BELLING, CHARLES M
30 Anzinger Ct

(1) - 2"
SCH 80 PVC
(TYP.)
62'

GENERAL NOTES:

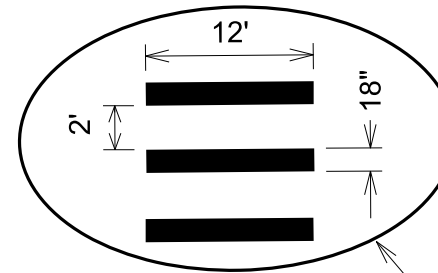
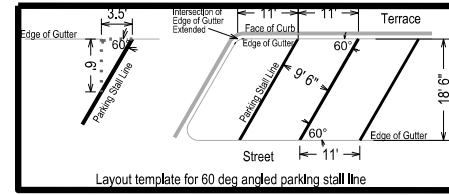
1. CONTRACTOR TO INSTALL BELOW GROUND EQUIPMENT INCLUDING: CONDUIT, AND PULL WIRE.
2. CONTRACTOR SHALL CONTACT TRAFFIC ENGINEERING SHOP, MIKE BENZSCHAWEL (608 266-9031) 24 HOURS PRIOR TO PLACING CONDUIT.
3. CONDUIT SHALL TERMINATE NO LESS THAN 2 FEET FROM THE BACK OF CURB, DRIVEWAY EDGE, OR SIDEWALK EDGE WHERE CROSSING WINNEBAGO STREET, A PRIVATE DRIVE, OR PEDESTRIAN WALKWAY. CONDUIT SHALL CONFORM TO CITY OF MADISON 2018 STANDARD SPECIFICATIONS.
4. CONDUIT SHALL BE CAPPED AT EACH END PRIOR TO BACKFILLING TRENCH.

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

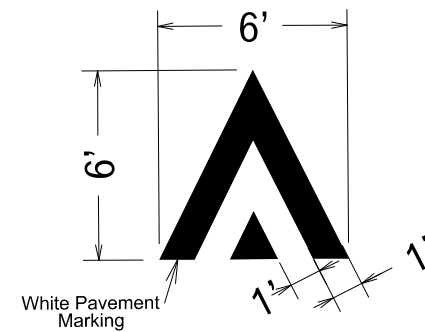


CONTINENTAL CROSSWALKS

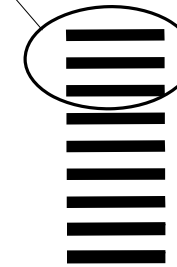
CONTINENTAL CROSSWALKS HAVE 18 INCH WIDE 12 FOOT LONG CROSSBARS PLACED IN LINE WITH THE TRAFFIC FLOW.

THE SPACING OR GAP BETWEEN THE CROSSBARS IS 24 INCHES

THE CROSSBARS SHOULD BE PLACED IN A MANNER THAT MINIMIZES CONTACT WITH VEHICLES TIRES.



Speed Hump Marking Detail



CONTINENTAL X-WALK DETAIL



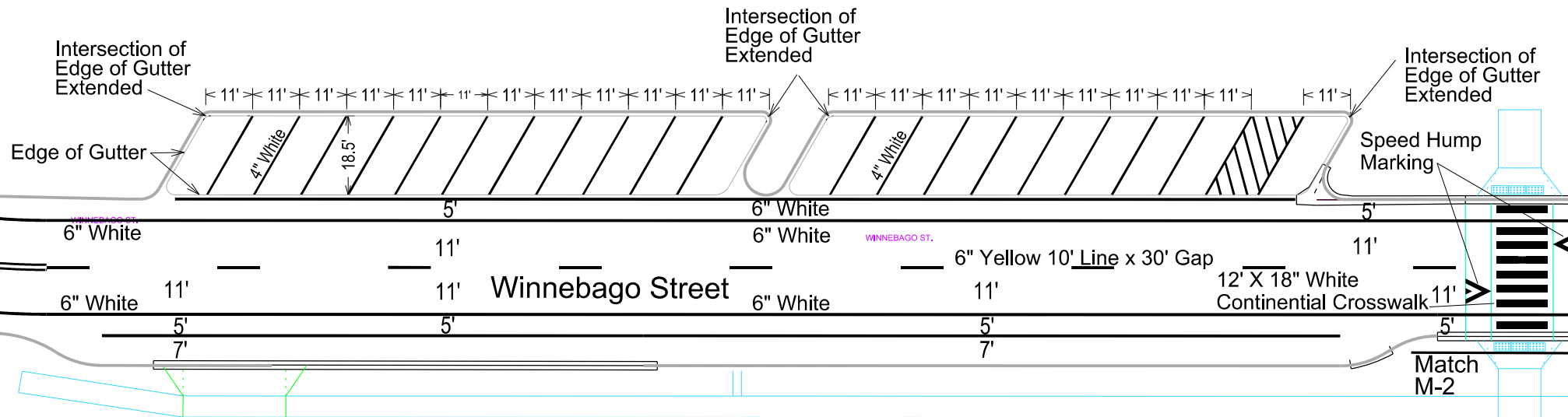
PLOT SCALE:

PLOT NAME:

REV. DATE:

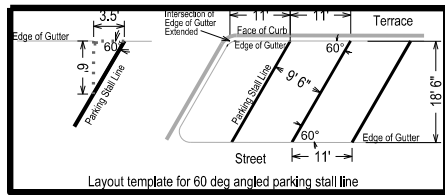
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

Face of Curb
4" Dbl Yellow



PROPOSED MARKING PLAN

WINNEBAGO STREET CITY OF MADISON

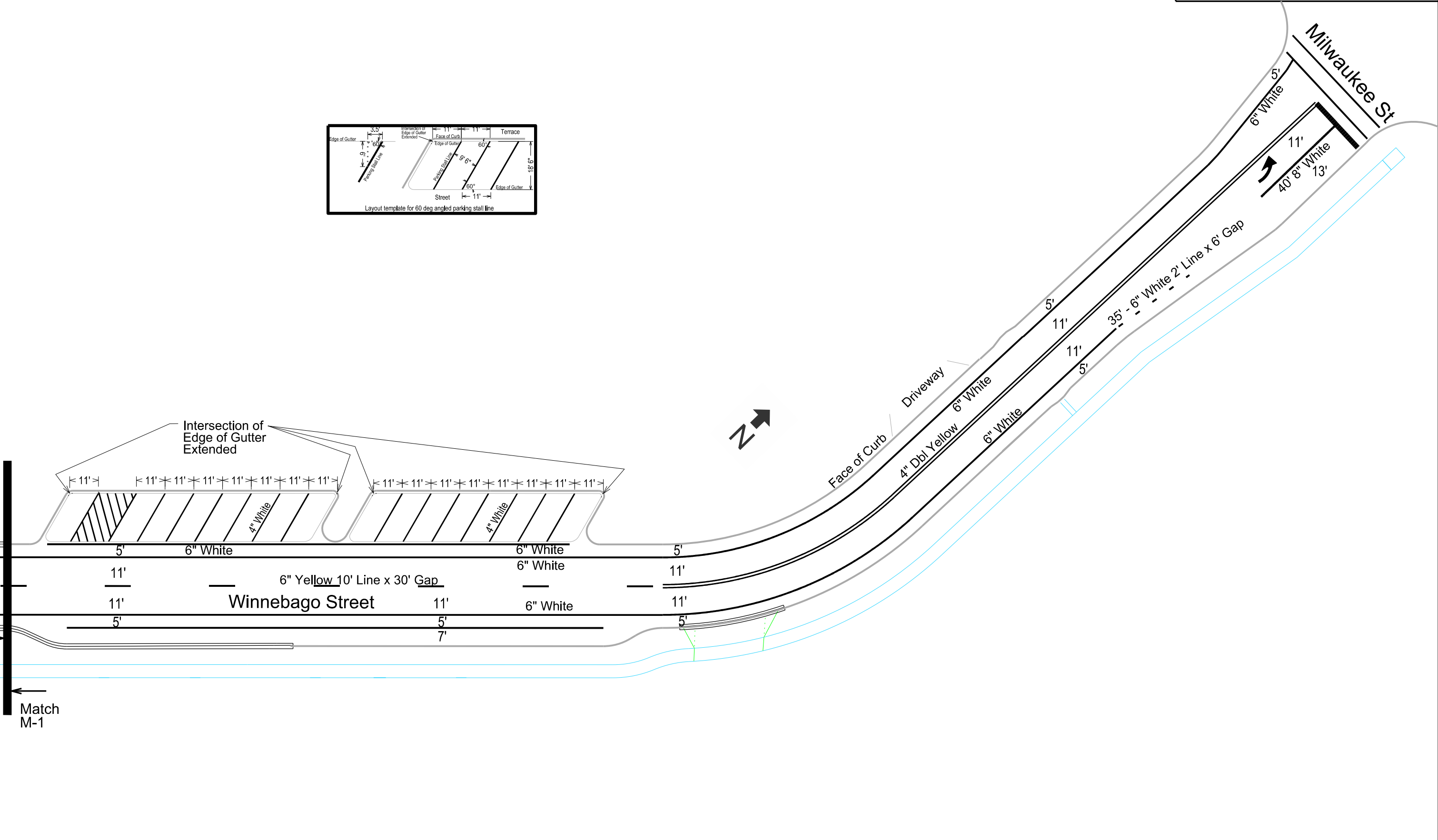



PLOT SCALE:

PLOT NAME:

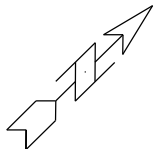
REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



HATCHING LEGEND:
 = 2" MILL AND OVERLAY

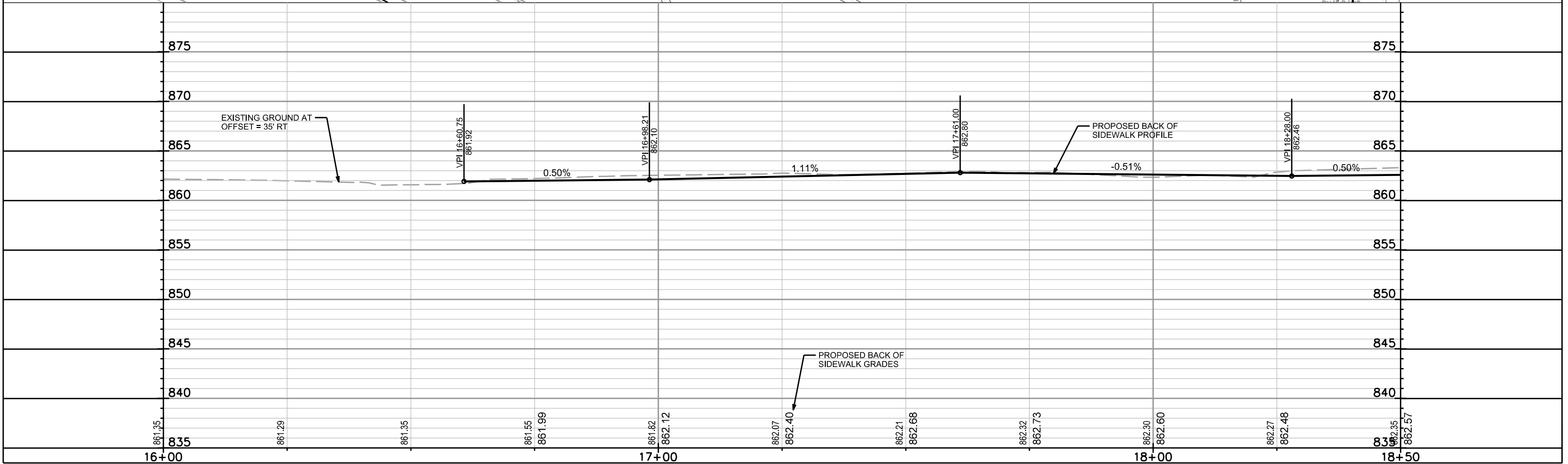
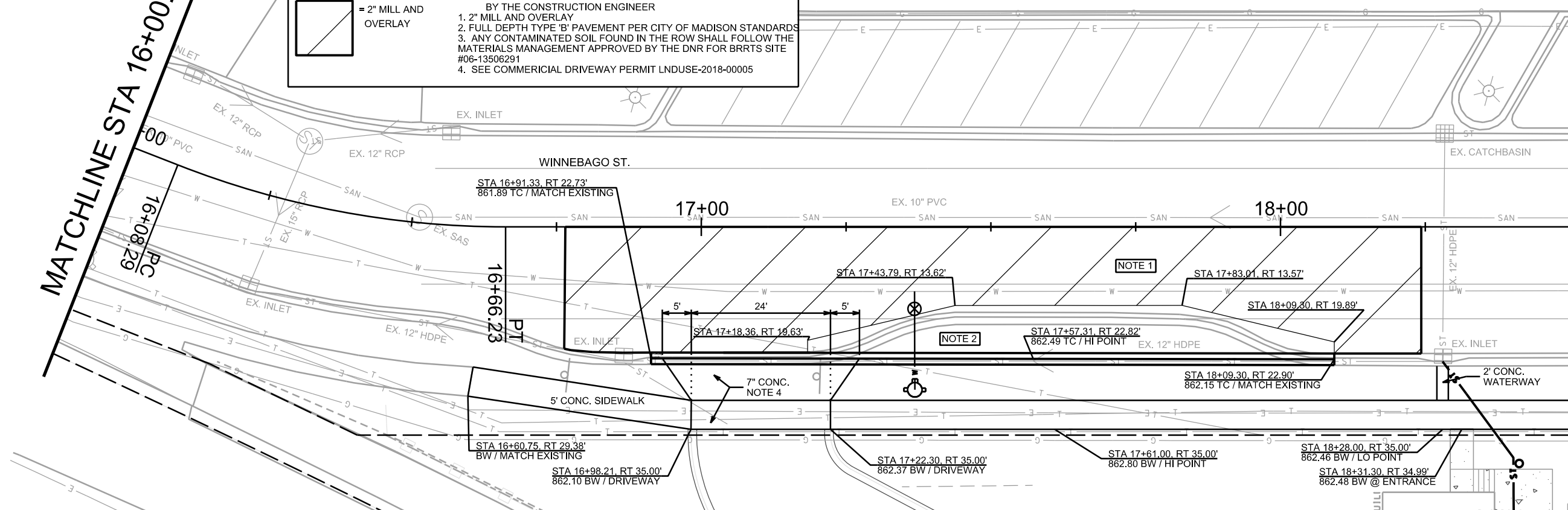
NOTES:
 - FINAL PAVEMENT REPAIR LIMITS TO BE DETERMINED BY THE CONSTRUCTION ENGINEER
 1. 2" MILL AND OVERLAY
 2. FULL DEPTH TYPE 'B' PAVEMENT PER CITY OF MADISON STANDARDS
 3. ANY CONTAMINATED SOIL FOUND IN THE ROW SHALL FOLLOW THE MATERIALS MANAGEMENT APPROVED BY THE DNR FOR BRRTS SITE #06-13506291
 4. SEE COMMERCIAL DRIVEWAY PERMIT LNDUSE-2018-00005



SCALE 1" = 20'

MATCHLINE STA 16+00.00

MATCHLINE STA 18+50.00



PLOT SCALE: _____

PLOT NAME: _____



REV. DATE: _____

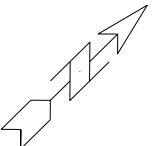
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE

WINNEBAGO STREET CITY OF MADISON

NOTES:
- FINAL PAVEMENT REPAIR LIMITS TO BE DETERMINED BY THE CONSTRUCTION ENGINEER
1. 2" MILL AND OVERLAY
2. FULL DEPTH TYPE B PAVEMENT PER CITY OF MADISON STANDARDS
3. SEE SHEET D-3 AND S.D.D. 4.11 FOR DETAILS FOR RAISED CONCRETE TABLETOP CROSSING

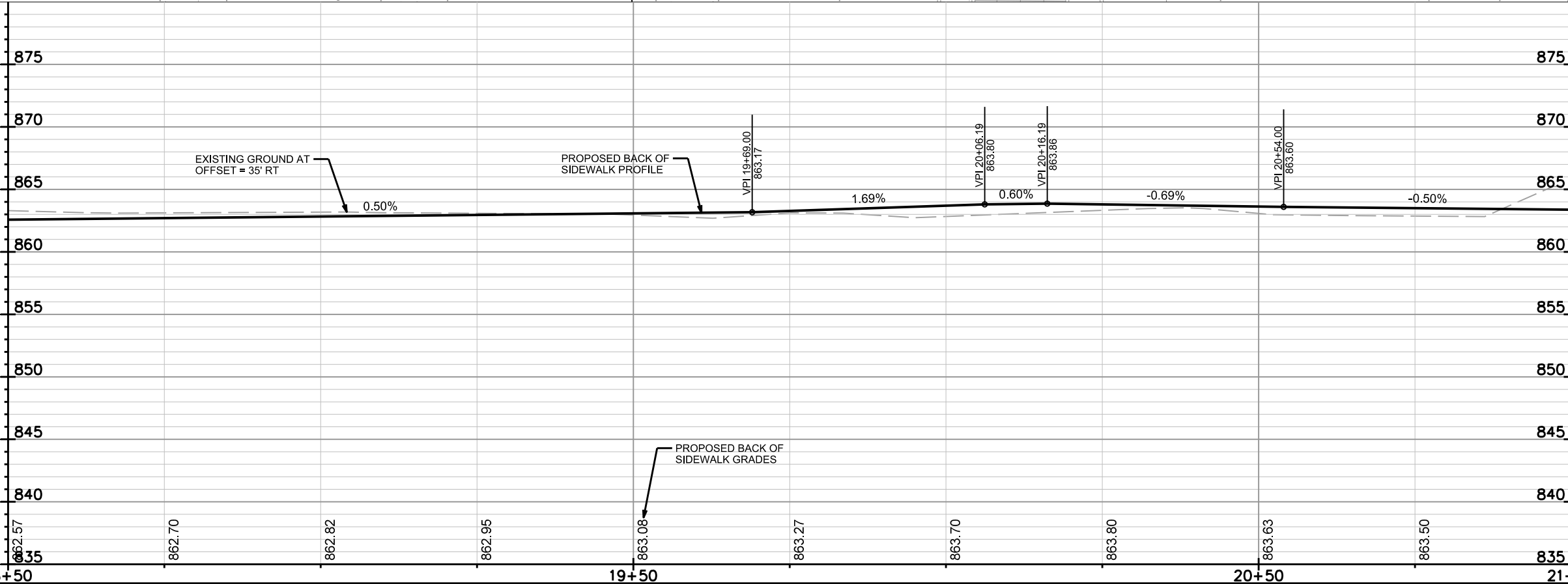
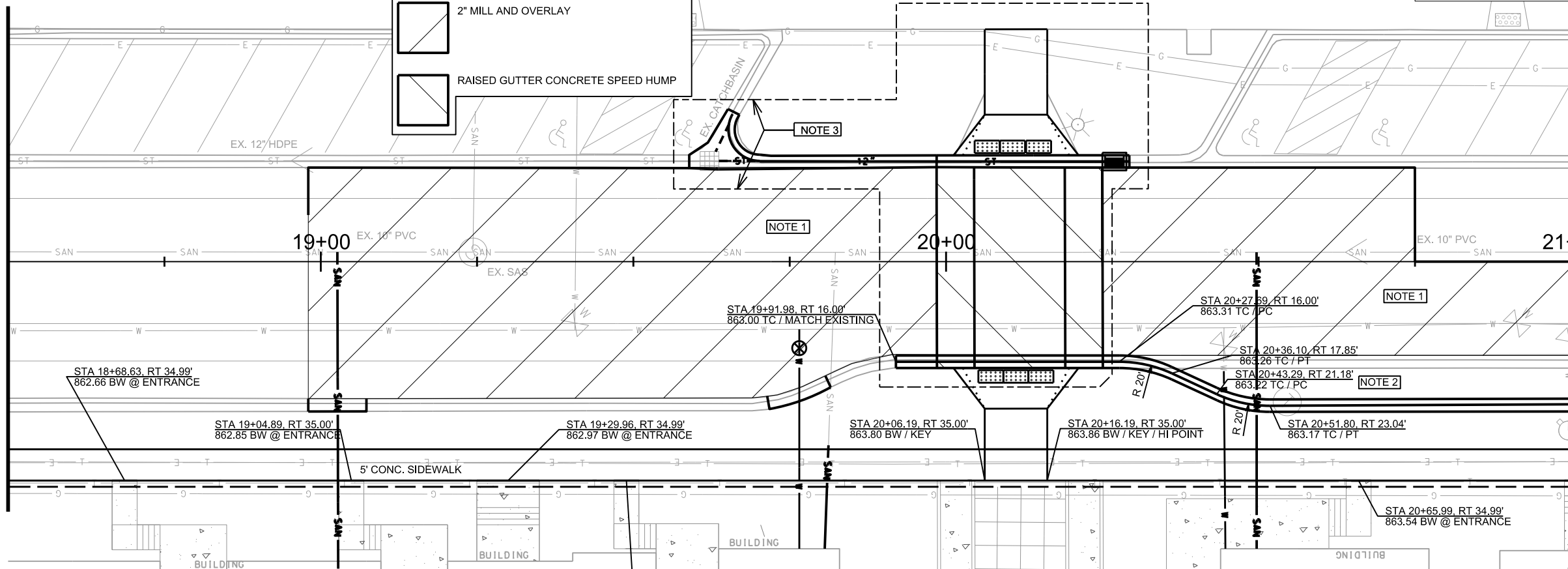
HATCHING LEGEND:
 2" MILL AND OVERLAY
 RAISED GUTTER CONCRETE SPEED HUMP



SCALE 1" = 20'

MATCHLINE STA 18+50.00

MATCHLINE STA 21+00.00



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE

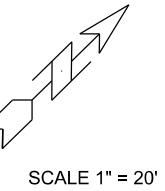
WINNEBAGO STREET CITY OF MADISON

HATCHING LEGEND:
2" MILL AND OVERLAY

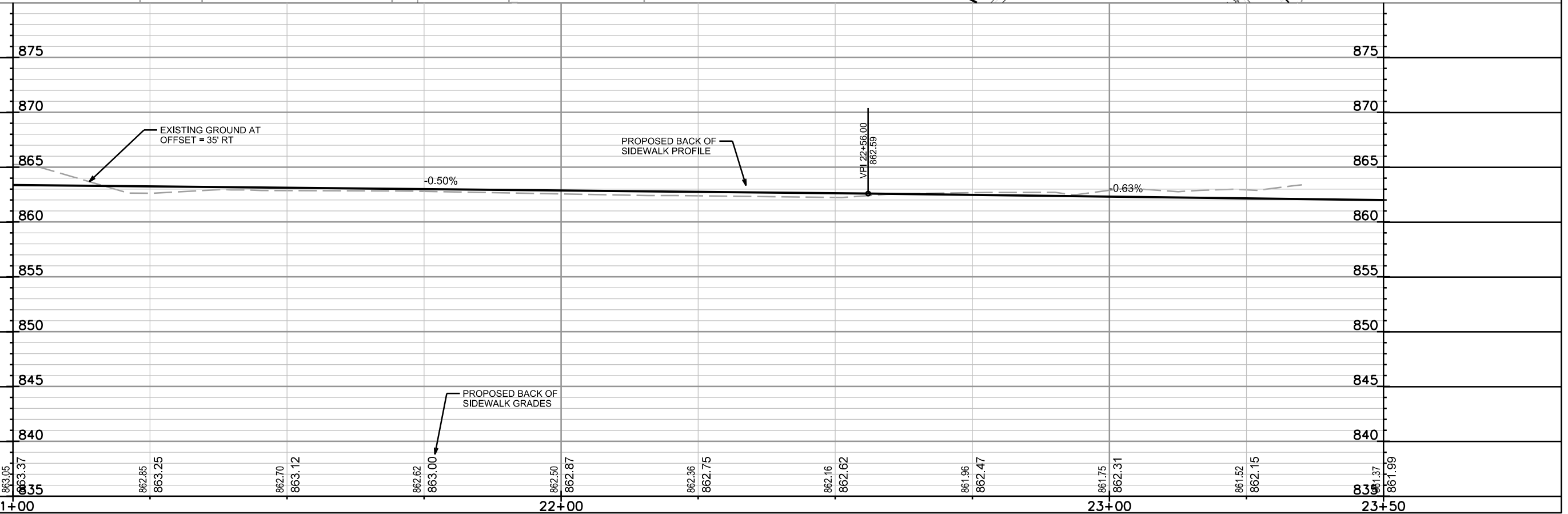
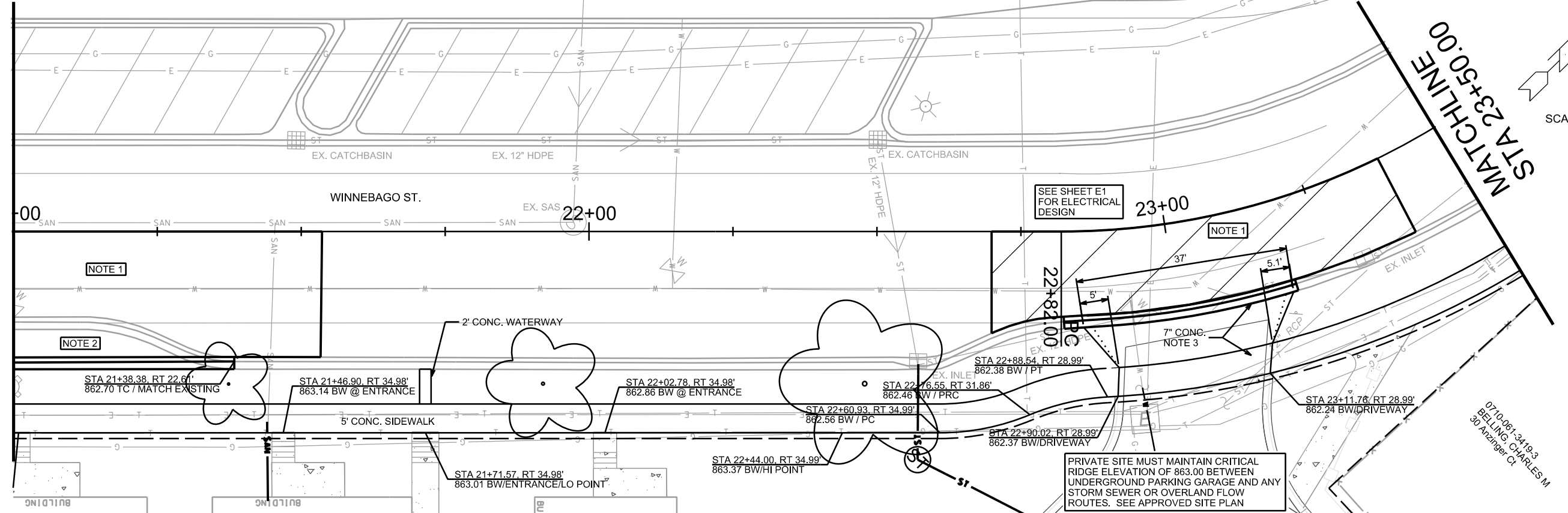
NOTES:
- FINAL PAVEMENT REPAIR LIMITS TO BE DETERMINED BY THE CONSTRUCTION ENGINEER
1. 2" MILL AND OVERLAY
2. FULL DEPTH TYPE B PAVEMENT PER CITY OF MADISON STANDARDS
3. SEE COMMERCIAL DRIVEWAY PERMIT LNDUSE-2018-00005

MATCHLINE STA 21+00.00

MATCHLINE STA 23+50.00



SCALE 1" = 20'



SEE SHEET E1
FOR ELECTRICAL
DESIGN

PRIVATE SITE MUST MAINTAIN CRITICAL
RIDGE ELEVATION OF 863.00 BETWEEN
UNDERGROUND PARKING GARAGE AND ANY
STORM SEWER OR OVERLAND FLOW
ROUTES. SEE APPROVED SITE PLAN

0710-061-3419-3
BELLING, CHARLES M
30 Atzinger Ct

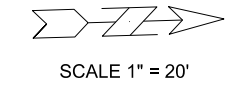
PLOT SCALE: _____

PLOT NAME: _____

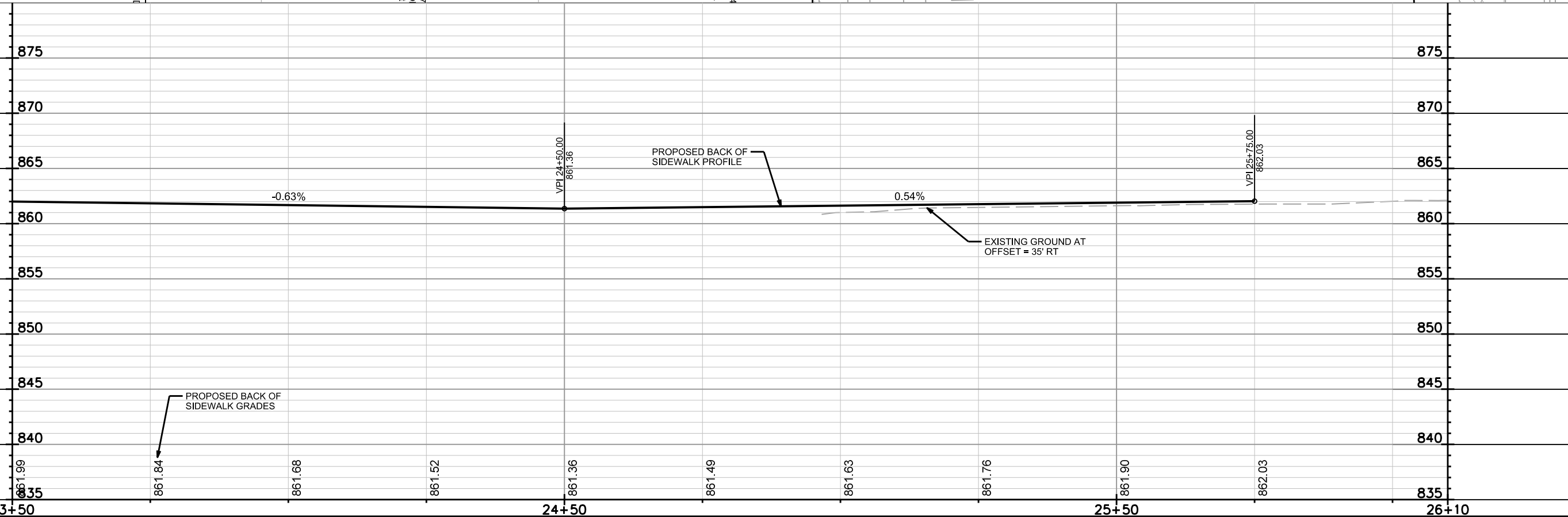
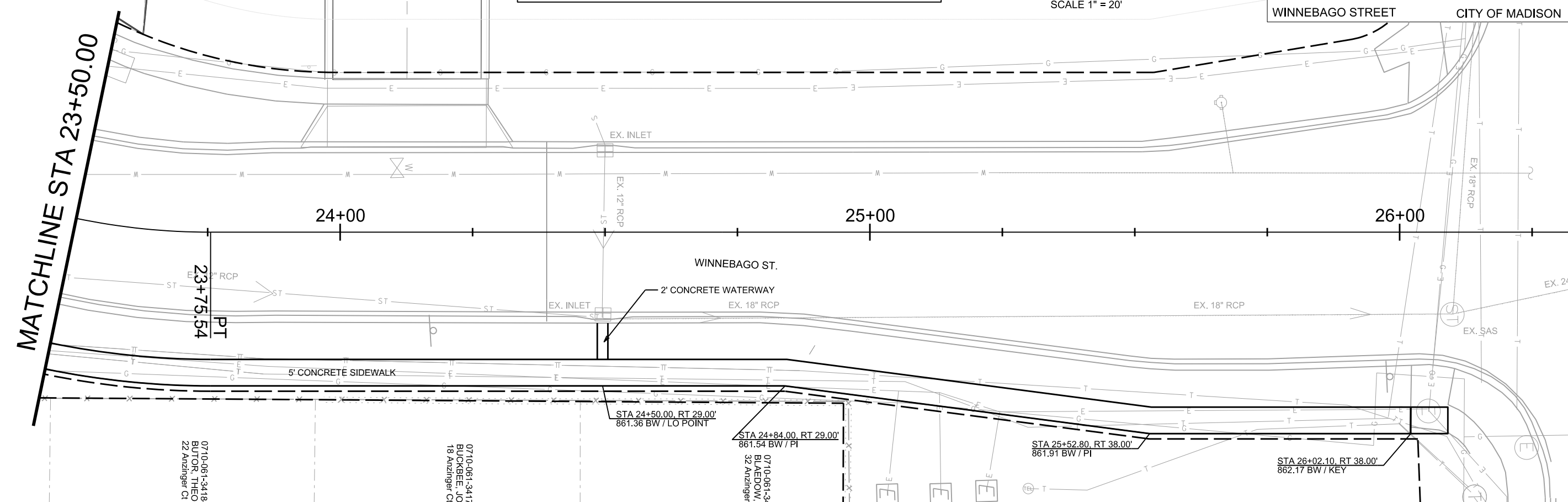
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

NOTES:
- FINAL PAVEMENT REPAIR LIMITS TO BE DETERMINED BY THE CONSTRUCTION ENGINEER

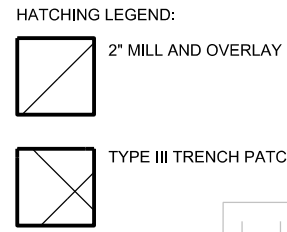


MATCHLINE STA 23+50.00



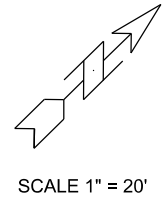
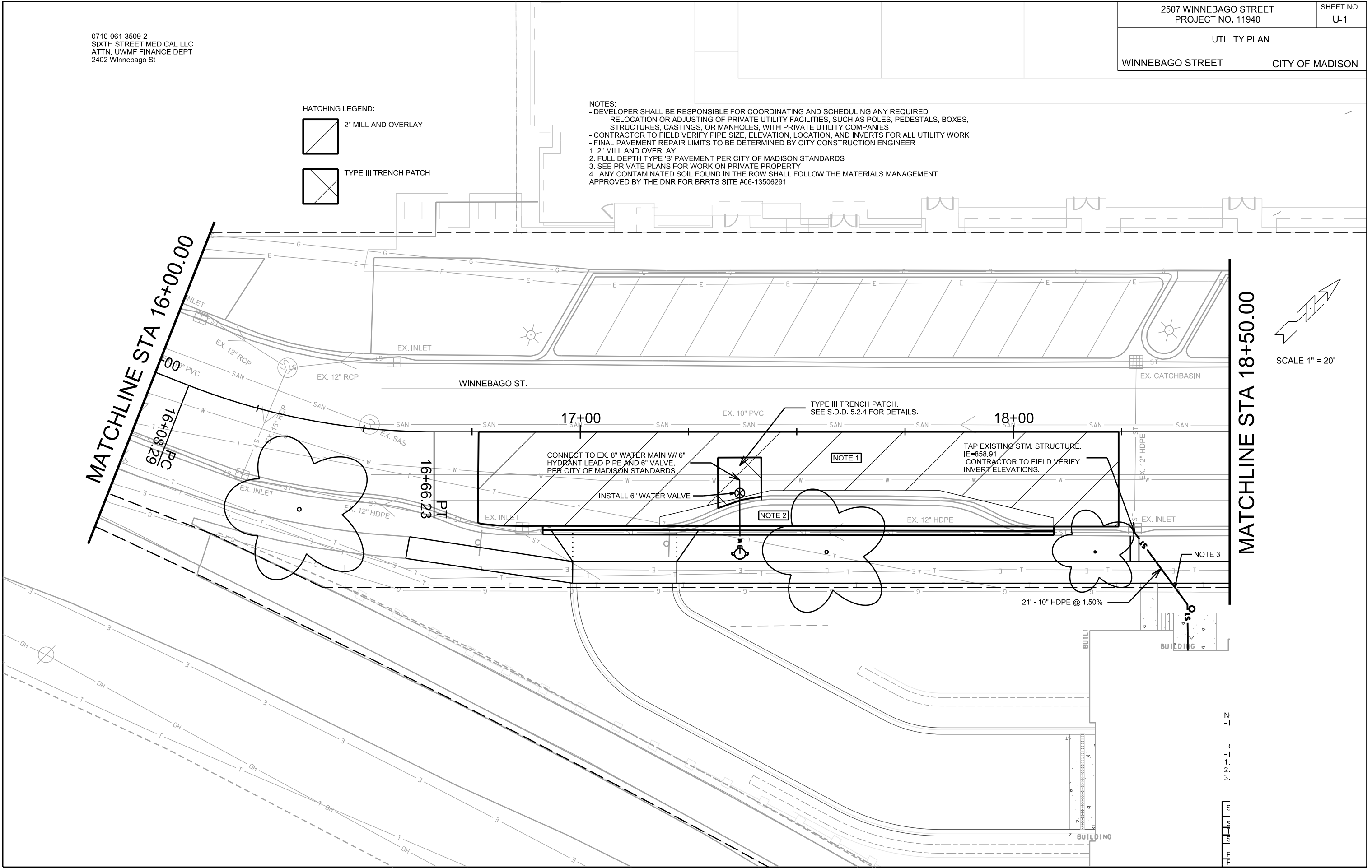
PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0710-061-3509-2
 SIXTH STREET MEDICAL LLC
 ATTN: UWMF FINANCE DEPT
 2402 Winnebago St



- NOTES:
- DEVELOPER SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ANY REQUIRED RELOCATION OR ADJUSTING OF PRIVATE UTILITY FACILITIES, SUCH AS POLES, PEDESTALS, BOXES, STRUCTURES, CASTINGS, OR MANHOLES, WITH PRIVATE UTILITY COMPANIES
 - CONTRACTOR TO FIELD VERIFY PIPE SIZE, ELEVATION, LOCATION, AND INVERTS FOR ALL UTILITY WORK
 - FINAL PAVEMENT REPAIR LIMITS TO BE DETERMINED BY CITY CONSTRUCTION ENGINEER
1. 2" MILL AND OVERLAY
 2. FULL DEPTH TYPE 'B' PAVEMENT PER CITY OF MADISON STANDARDS
 3. SEE PRIVATE PLANS FOR WORK ON PRIVATE PROPERTY
 4. ANY CONTAMINATED SOIL FOUND IN THE ROW SHALL FOLLOW THE MATERIALS MANAGEMENT APPROVED BY THE DNR FOR BRRTS SITE #06-13506291

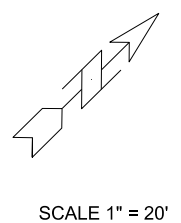
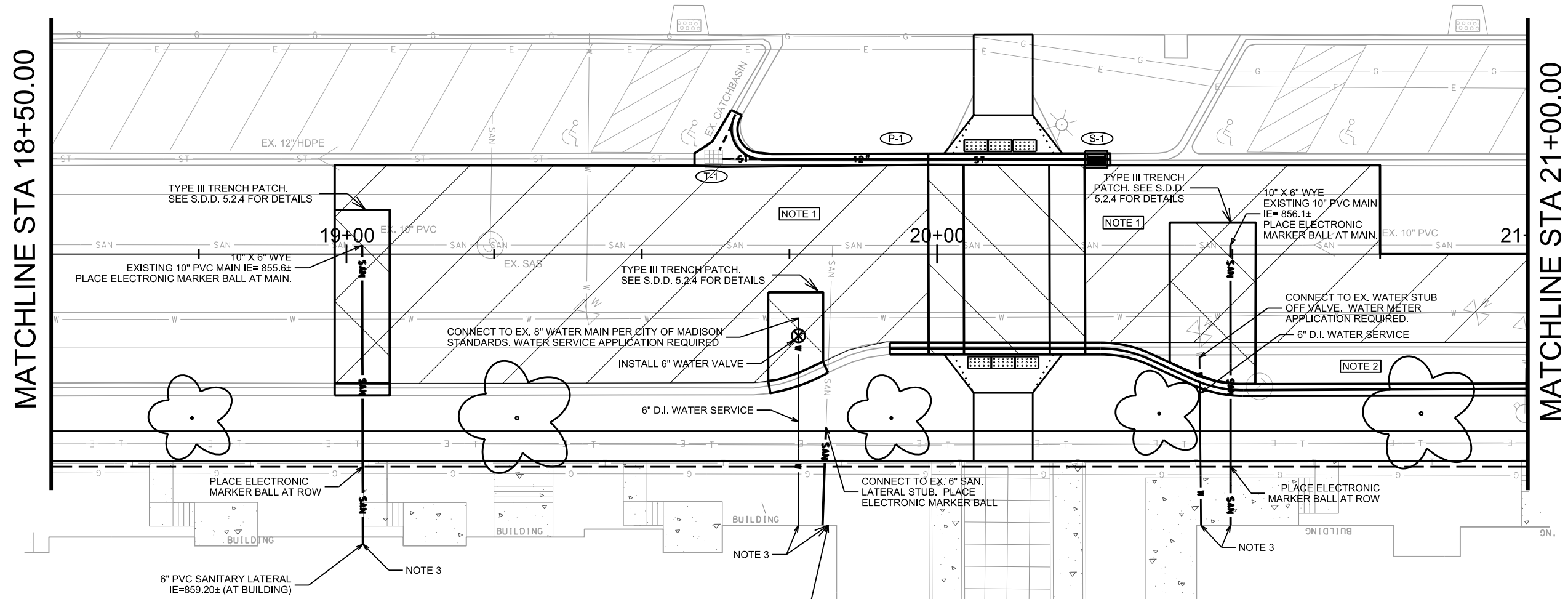
PLOT SCALE: _____
 PLOT NAME: _____
 REV. DATE: _____
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION



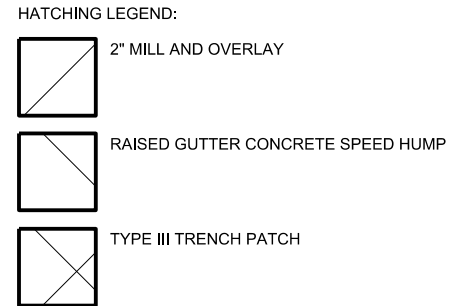
SCALE 1" = 20'

MATCHLINE STA 18+50.00

MATCHLINE STA 21+00.00



- NOTES:
- DEVELOPER SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ANY REQUIRED RELOCATION OR ADJUSTING OF PRIVATE UTILITY FACILITIES, SUCH AS POLES, PEDESTALS, BOXES, STRUCTURES, CASTINGS, OR MANHOLES, WITH PRIVATE UTILITY COMPANIES
 - CONTRACTOR TO FIELD VERIFY PIPE SIZE, ELEVATION, LOCATION, AND INVERTS FOR ALL UTILITY WORK
 - FINAL PAVEMENT REPAIR LIMITS TO BE DETERMINED BY CITY CONSTRUCTION ENGINEER
1. 2" MILL AND OVERLAY
 2. FULL DEPTH TYPE 'B' PAVEMENT PER CITY OF MADISON STANDARDS
 3. SEE PRIVATE PLANS FOR WORK ON PRIVATE PROPERTY



STORM SCHEDULE									
STRUCTURES	STA	OFFSET	TYPE	TOP CASTING	EI	DEPTH	NOTES		
T-1	STA 19+62.17	LT 16.00'	TAP	-	859.25	-	STORM TAP		
S-1	STA 20+27.00	LT 16.00'	3X3	863.29	860.08	3.21'	LOW POINT, R-3067-7004 VB		
PIPES	FROM (DOWN)	TO (UP)	EI (DOWN)	EI (UP)	LENGTH	SLOPE	SIZE	TYPE	NOTES
P-1	T-1	S-1	859.25	860.08	65'	1.28%	12"	RCP	-

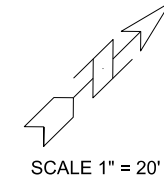
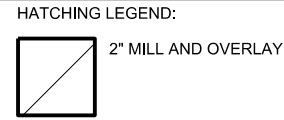
PLOT SCALE:
 PLOT NAME:
 REV. DATE:
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION

UTILITY PLAN

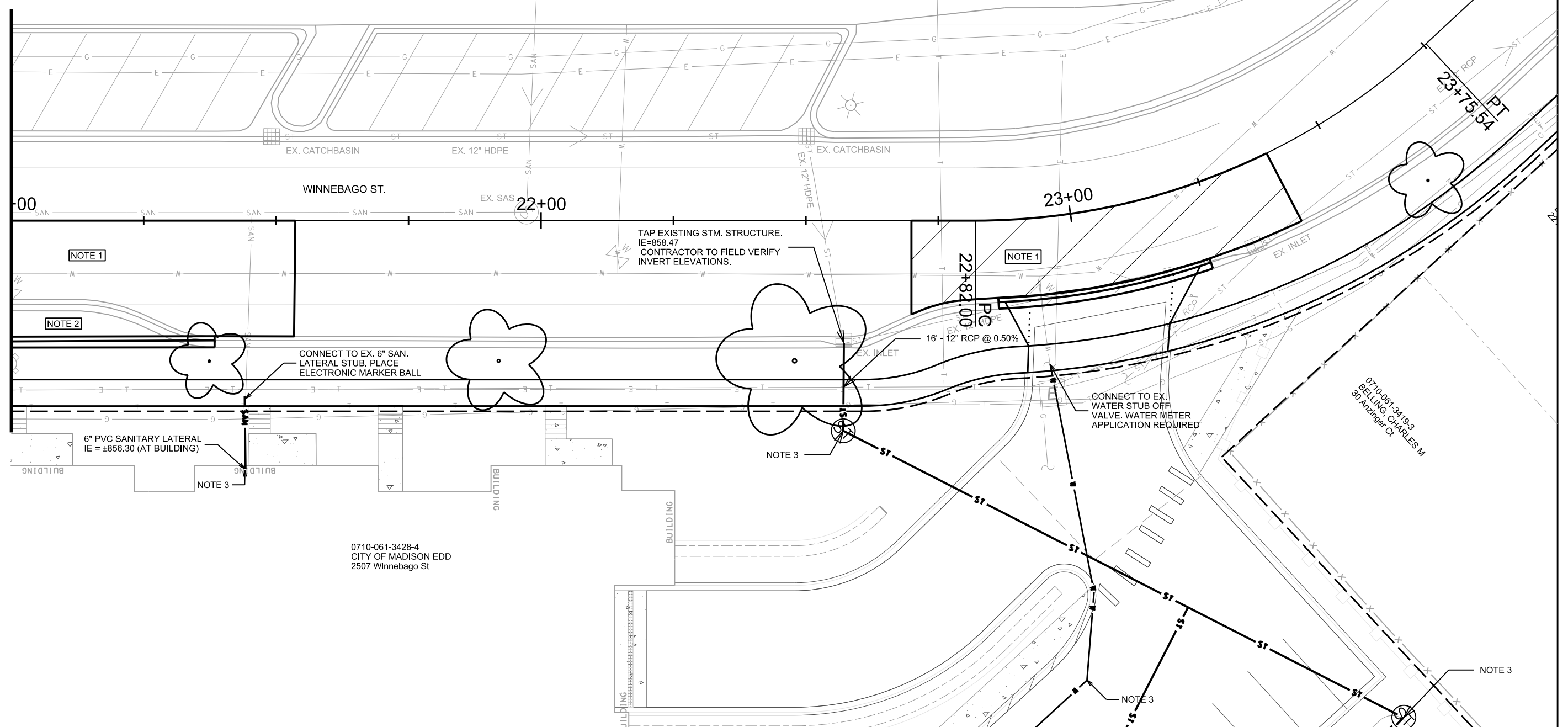
WINNEBAGO STREET CITY OF MADISON

0710-061-3511-7
GORMAN AND COMPANY INC
2518 Winnebago St

- NOTES:
- DEVELOPER SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ANY REQUIRED RELOCATION OR ADJUSTING OF PRIVATE UTILITY FACILITIES, SUCH AS POLES, PEDESTALS, BOXES, STRUCTURES, CASTINGS, OR MANHOLES, WITH PRIVATE UTILITY COMPANIES
 - CONTRACTOR TO FIELD VERIFY PIPE SIZE, ELEVATION, LOCATION, AND INVERTS FOR ALL UTILITY WORK
 - FINAL PAVEMENT REPAIR LIMITS TO BE DETERMINED BY CITY CONSTRUCTION ENGINEER
1. 2" MILL AND OVERLAY
 2. FULL DEPTH TYPE 'B' PAVEMENT PER CITY OF MADISON STANDARDS
 3. SEE PRIVATE PLANS FOR WORK ON PRIVATE PROPERTY



MATCHLINE STA 21+00.00



0710-061-3428-4
CITY OF MADISON EDD
2507 Winnebago St

PLOT SCALE:

PLOT NAME:

REV. DATE:

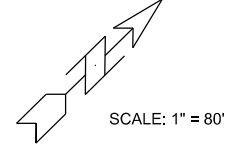
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

NOTES:
1. CONTRACTOR SHALL CONTACT CITY FORESTER BRAD HOFMANN AT BHOFMANN@CITYOFMADISON.COM OR (608) 266-4816 AT LEAST ONE WEEK PRIOR TO PLANTING TO SCHEDULE INSPECTION OF THE NURSERY STOCK AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPER.

2. ANY CONTAMINATED SOIL FOUND IN THE ROW SHALL FOLLOW THE MATERIALS MANAGEMENT APPROVED BY THE DNR FOR BRRTS SITE #06-13506291

TREE LEGEND:

CODE	COMMON NAME	CANOPY WIDTH
ASL	AMERICAN SENTRY LINDEN	30
SKH	STREET KEEPER HONEYLOCUST	20
PSG	PRINCETON SENTRY GINKGO	15
EKC	ESPRESSO KENTUCKY COFFEETREE	35



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

