

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED

MARCH 29, 2016

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

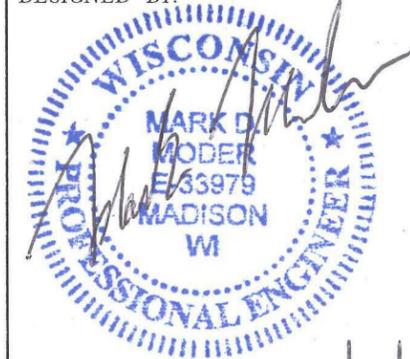
[Signature] 5/16/16
City Engineer Date

STREET DESIGNED BY:



5-16-16

SANITARY SEWER DESIGNED BY:



5/13/16

STORM SEWER DESIGNED BY:



PAVEMENT MARKINGS DESIGNED BY:



INDEX OF SHEETS

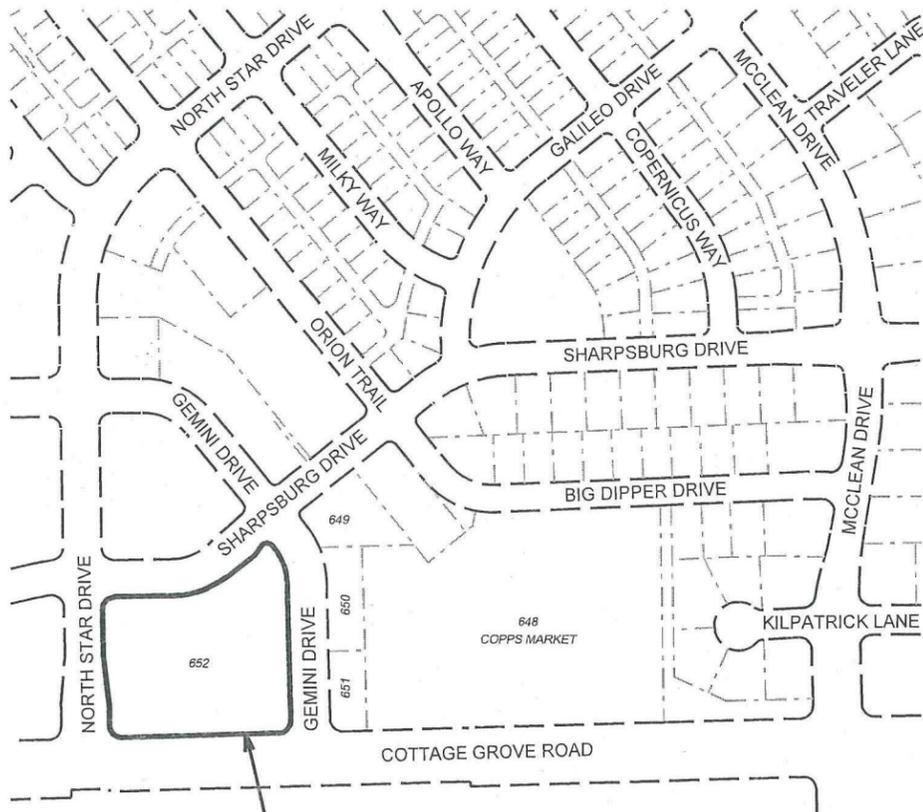
SHEET NO.	TITLE
1	NOTES & DETAILS
DI-D2	MARKING PLAN
MI-M2	STREET PLAN
P1	SANITARY PLAN & PROFILE
U1	STORM SEWER PLAN
U2	

GVC TOWN CENTER - 'B' BLOCK

CITY PROJECT NO. 11281

CITY CONTRACT NO. 7591

CITY MUNIS NO. 11281



PROJECT LOCATION



PROJECT LOCATION

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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.

THE CONTRACTOR SHALL CONTACT BRIAN MEILLER OF CITY FORESTRY AT LEAST ONE WEEK PRIOR TO PLANTING TO SCHEDULE MARKING THE PLANTING SITE, INSPECTING THE NURSERY STOCK, AND REVIEWING PLANTING SPECIFICATIONS WITH THE LANDSCAPER. CONTACT BRIAN AT (608) 444-2673 OR (608) 266-4890.

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.

ASPHALT PAVEMENT WITHIN THE GEMINI STREET RIGHT OF WAY SHALL BE TYPE C 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 0.5% 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.

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

CONVENTIONAL SIGNS
FIELD VERIFY ALL UTILITY LOCATIONS

FIBER OPTIC	_____ FO _____
GAS	_____ G _____
STORM SEWER	_____ ST _____
SANITARY SEWER	_____ SAN _____
WATER	_____ W _____
OVERHEAD ELECTRIC	_____ OH _____
POWER POLE	
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	

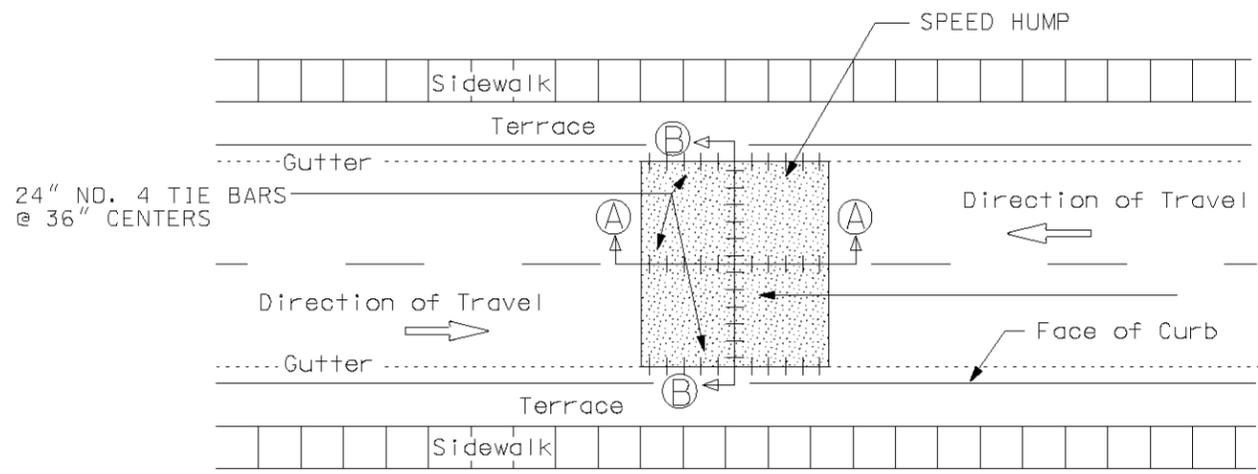
PLOT SCALE: _____

PLOT NAME: _____

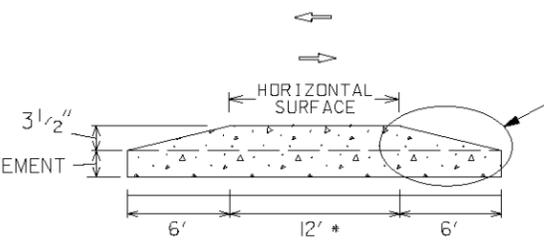
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SPEED HUMP DETAIL

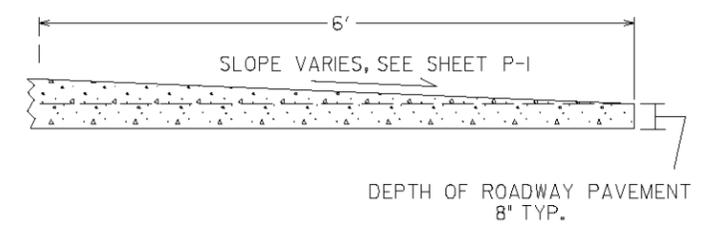


PLAN VIEW
SPEED HUMP ON TYPICAL URBAN STREET

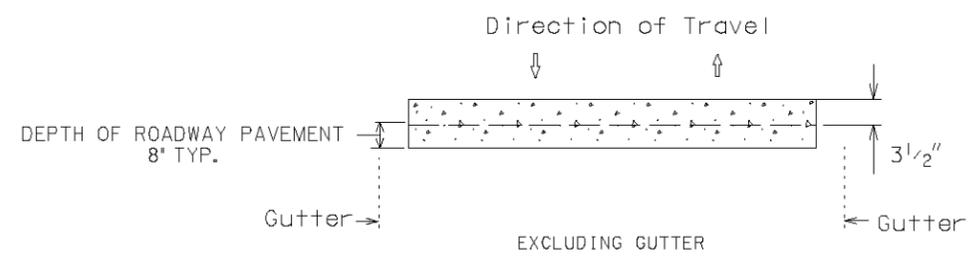


SECTION AA

NOT TO SCALE
(VERTICAL SCALE IS EXAGGERATED)

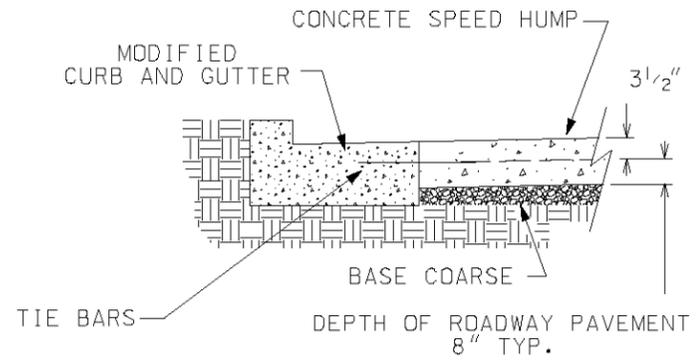


DETAIL 1*
STRAIGHT SLOPE AT CROWN*



SECTION BB

NOT TO SCALE
(VERTICAL SCALE IS EXAGGERATED)



CURB DETAIL
CROSS SECTION

* DENOTES DETAILS OR DIMENSIONS CHANGED FROM S.D.D. 4.11

CITY OF MADISON ENGINEERING DIVISION
CONCRETE SPEED HUMP RAISED GUTTER (MODIFIED*)
MODIFIED STANDARD DETAIL DRAWING 4.11

PLOT SCALE: _____

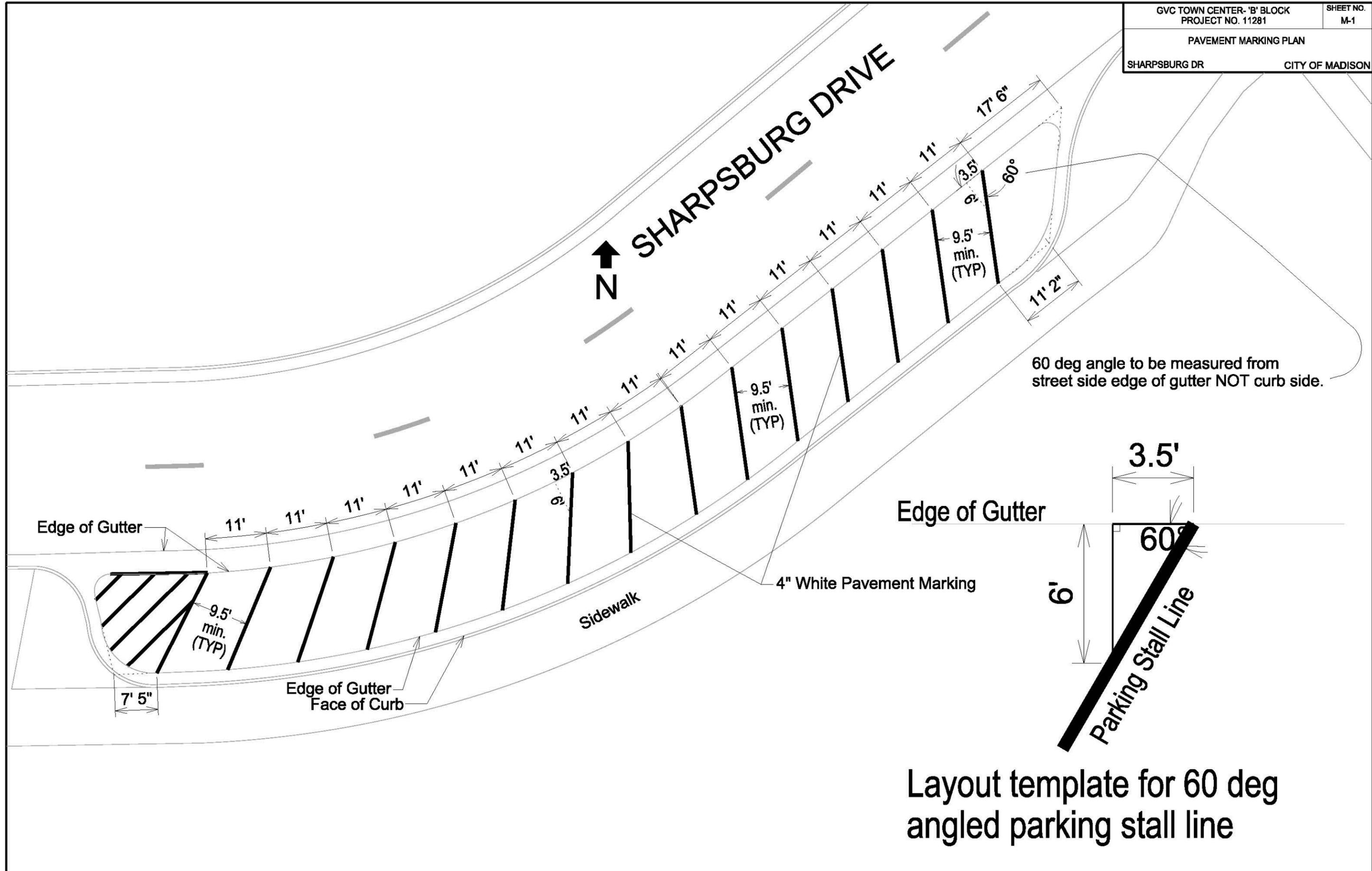
PLOT NAME: _____

REV. DATE: _____

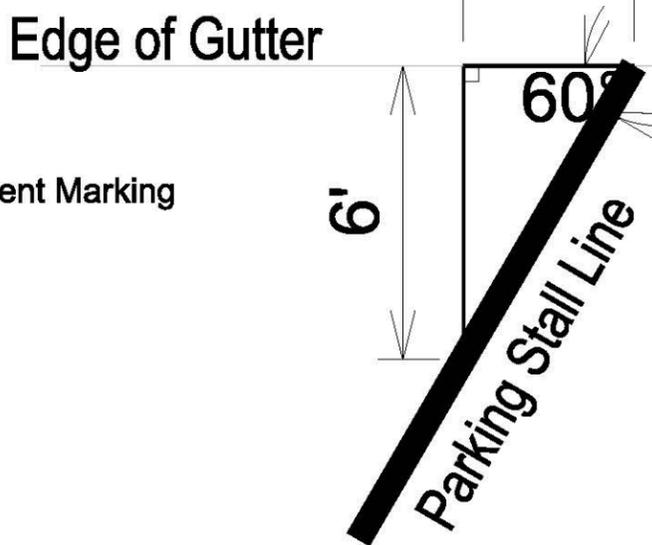
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SHARPSBURG DRIVE

N



60 deg angle to be measured from street side edge of gutter NOT curb side.



Layout template for 60 deg angled parking stall line

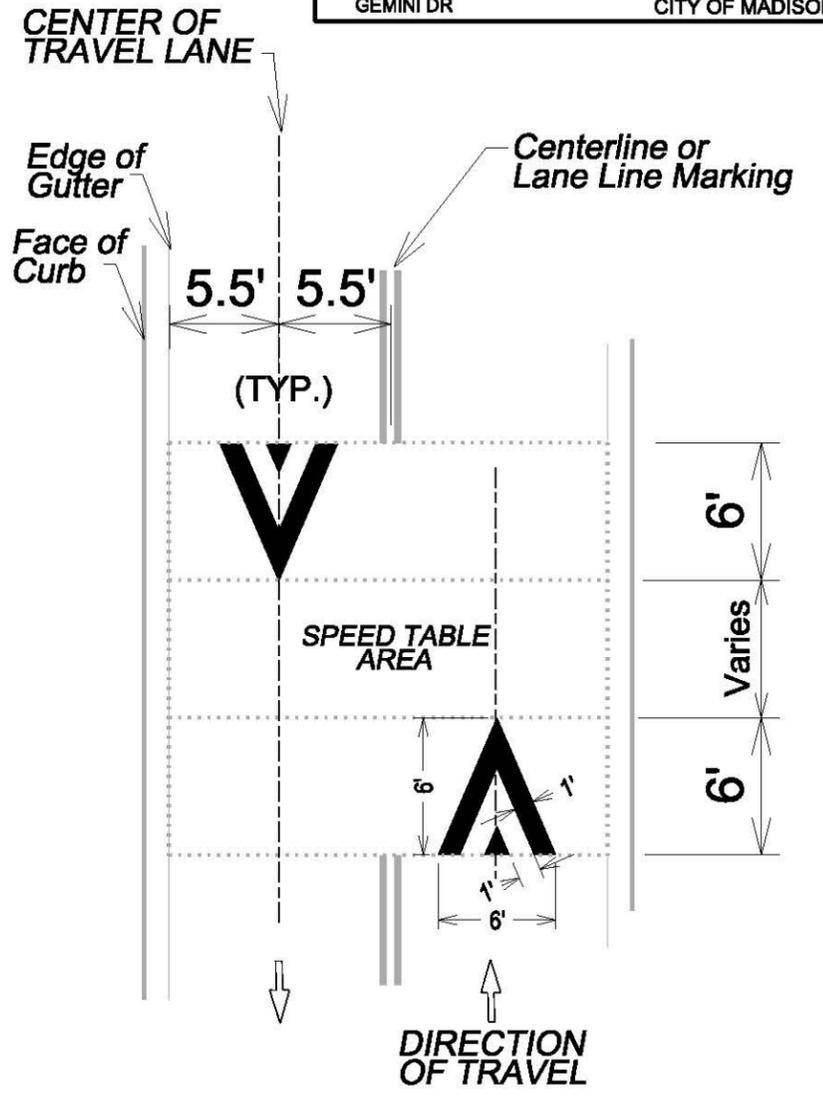
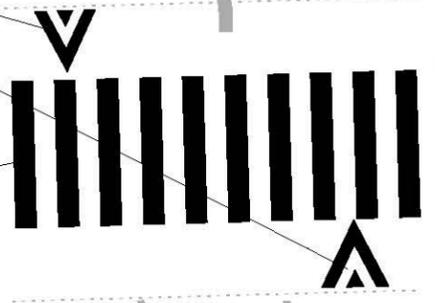
PLOT SCALE:
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GEMINI DRIVE
↑
N

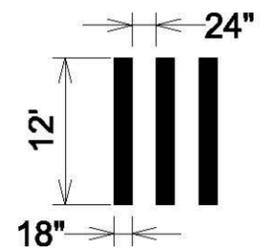
Remove
Arrows

Install
Speed
Hump Markings

Install
12' Wide
Continental Crosswalk



MARKINGS FOR SPEED HUMPS

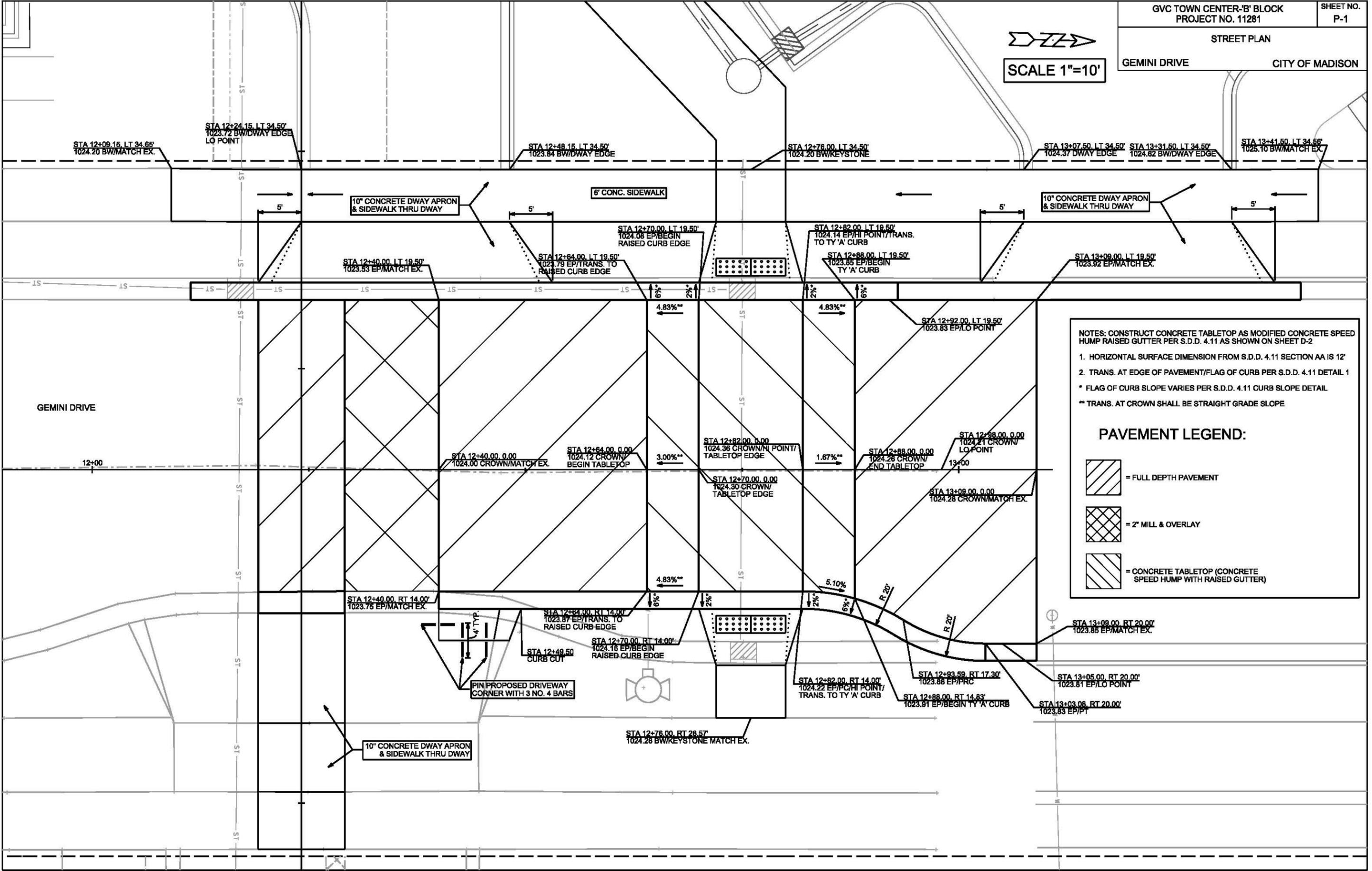


LAYOUT DIMENSIONS
FOR CONTINENTAL CROSSWALK

PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

SCALE 1"=10'

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



NOTES: CONSTRUCT CONCRETE TABLETOP AS MODIFIED CONCRETE SPEED HUMP RAISED GUTTER PER S.D.D. 4.11 AS SHOWN ON SHEET D-2

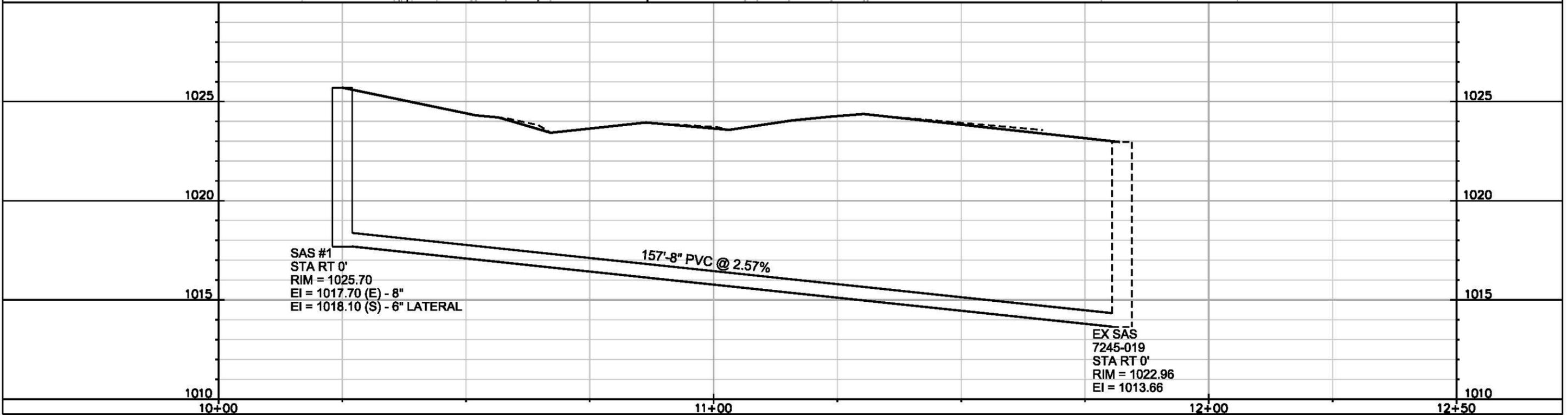
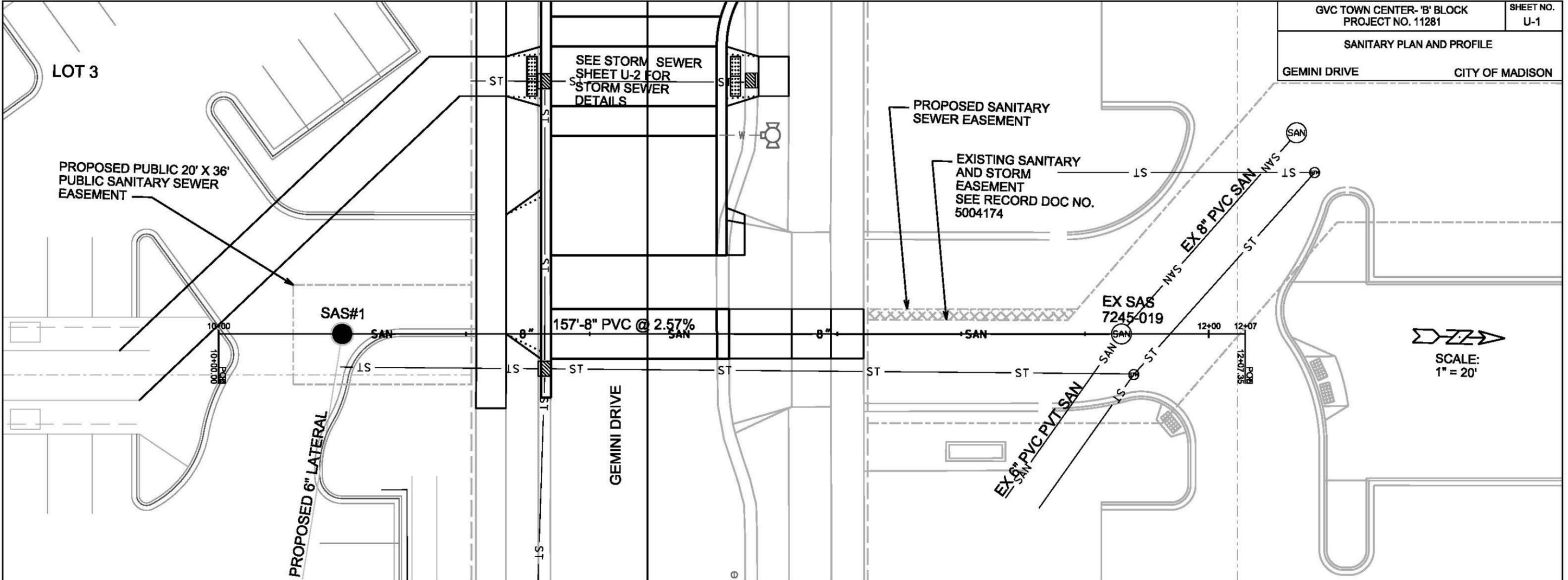
- HORIZONTAL SURFACE DIMENSION FROM S.D.D. 4.11 SECTION AA IS 12'
- TRANS. AT EDGE OF PAVEMENT/FLAG OF CURB PER S.D.D. 4.11 DETAIL 1

* FLAG OF CURB SLOPE VARIES PER S.D.D. 4.11 CURB SLOPE DETAIL
** TRANS. AT CROWN SHALL BE STRAIGHT GRADE SLOPE

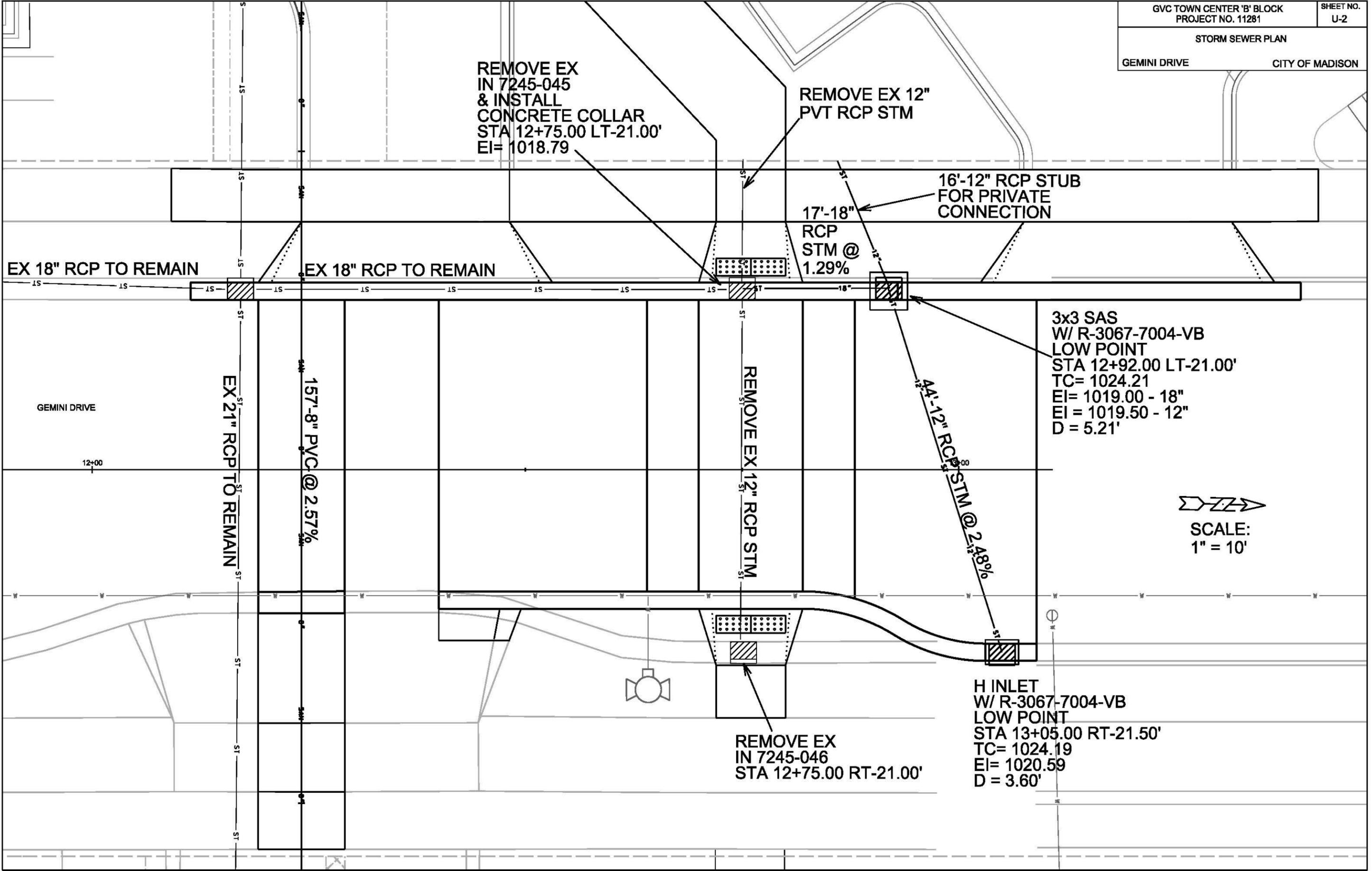
PAVEMENT LEGEND:

- [Diagonal lines] = FULL DEPTH PAVEMENT
- [Cross-hatch] = 2" MILL & OVERLAY
- [Dotted pattern] = CONCRETE TABLETOP (CONCRETE SPEED HUMP WITH RAISED GUTTER)

SANITARY PLAN AND PROFILE
GEMINI DRIVE CITY OF MADISON



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



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

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