

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

INDEX OF SHEETS

SHEET NO. D-1	STANDARD NOTES AND COMMENTS
SHEET NO. D-2	TYPICAL SECTIONS
SHEET NO. EC-1	EROSION CONTROL PLAN
SHEET NO. P-1	PLAN AND PROFILE - LANGDON STREET
SHEET NO. P-2	PLAN AND PROFILE - WISCONSIN AVENUE
SHEET NO. U-1	UTILITY PLAN AND PROFILE - LANGDON STREET
SHEET NO. U-2	SANITARY SEWER SCHEDULE
SHEET NO. U-3	STORM SEWER SCHEDULE
SHEET NO. W-1	WATER PLAN AND PROFILE - LANGDON STREET
SHEET NO. W-2	WATER PLAN AND PROFILE - WISCONSIN AVENUE
SHEET NO. W-3	WATER IMPACT PLAN
SHEET NO. W-4	WATER ESTIMATE OF MATERIALS
SHEET NO. E-1	ELECTRICAL PLAN
SHEET NO. M-1	PAVEMENT MARKING PLAN
SHEET NO. XI-X2	LANGDON STREET CROSS SECTIONS
SHEET NO. X3-X4	WISCONSIN AVE CROSS SECTIONS

EDGEWATER REDEVELOPMENT

LANGDON STREET/WISCONSIN AVENUE INTERSECTION

CITY PROJECT NO. 53B2241
CONTRACT NO. 2241

PUBLIC IMPROVEMENT PROJECT APPROVED
NOVEMBER 30, 2010
BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:
Christy Bark 3-31-14
City Engineer Date

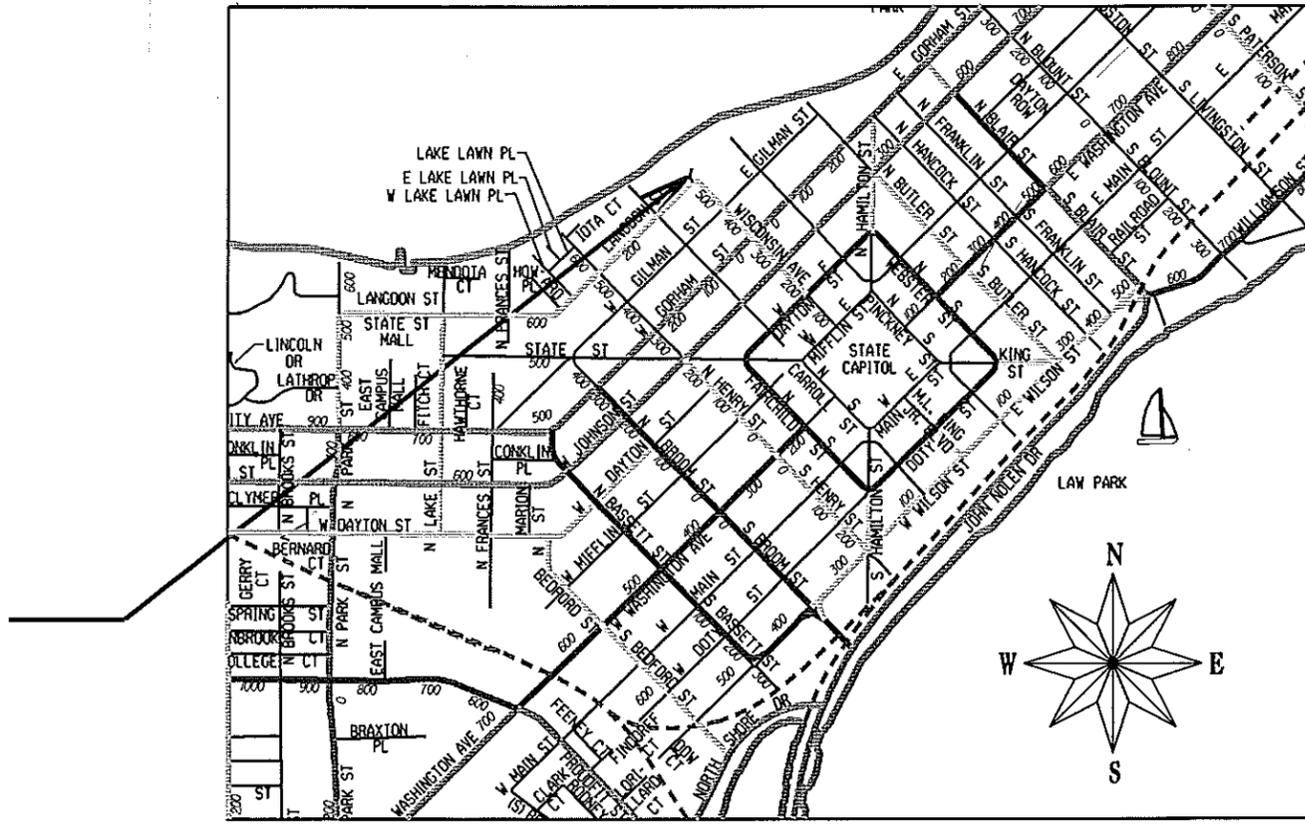
STREET & SIDEWALK DESIGNED BY:
Lisa R. Coleman
LISA R. COLEMAN
E-37708
MADISON WI
3-25-14
PROFESSIONAL ENGINEER

WATER DISTRIBUTION DESIGNED BY:
Peter E. Holmgren
PETER E. HOLMGREN
E-42156
MADISON WI
3-28-2014
PROFESSIONAL ENGINEER

ELECTRICAL DESIGNED BY:
Daniel C. Dettmann
DANIEL C. DETTMANN
E-18865
MADISON, WI
3-31-14
PROFESSIONAL ENGINEER

SANITARY SEWER DESIGNED BY:
Corey Stelljes
COREY STELLJES
41150
MADISON WISCONSIN
3-31-14
PROFESSIONAL ENGINEER

STORM SEWER DESIGNED BY:
Corey Stelljes
COREY STELLJES
41150
MADISON WISCONSIN
3-31-14
PROFESSIONAL ENGINEER



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 LOCATION

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, REFERING TO NOTIFICATION OF PROPERTY OCCUPANTS AND/OR OWNERS, HAS BEEN COMPLIED WITH.

THE DEVELOPER/CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR REVIEW TO CITY TRAFFIC ENGINEERING AT LEAST 10 WORKING DAYS PRIOR TO WORK BEGINNING WITHIN THE RIGHT OF WAY. WORK SHALL NOT PROCEED IN THE RIGHT OF WAY UNTIL THE TRAFFIC CONTROL PLAN HAS BEEN APPROVED. THE TRAFFIC CONTROL PLAN MAY INCLUDE BUT IS NOT LIMITED TO: LANE CLOSURE RESTRICTIONS, PEAK HOUR WORKING RESTRICTIONS, ACCESS REQUIREMENTS, ETC. THE DEVELOPER/CONTRACTOR SHALL BE RESPONSIBLE FOR PHASING WORK AS NECESSARY TO MEET THE REQUIREMENTS OF THE APPROVED TRAFFIC CONTROL PLAN.

THE DEVELOPER/CONTRACTOR SHALL CONTACT CITY FORESTRY (DEAN KAHL 266-4891 OR 266-4816) PRIOR TO EXCAVATING WITHIN 5 FT. OF AN EXISTING TREE SO THAT THEY MAY PROVIDE DIRECTION ON THE WORK. THE DEVELOPER/CONTRACTOR SHALL ALSO CONTACT CITY FORESTRY AT LEAST ONE WEEK PRIOR TO ANY TREE REMOVALS OR PRUNING TO OBTAIN A PERMIT FOR TREE REMOVAL OR PRUNING WITHIN THE RIGHT-OF-WAY.

CONTRACTOR SHALL INSTALL TREE TYPES SPECIFIED AT APPROX. LOCATIONS SHOWN WITHIN THE TERRACE OF WISCONSIN AVENUE. 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.

ALL PAVEMENT IN THE LANGDON STREET AND WISCONSIN AVENUE RIGHT-OF-WAY SHALL BE TYPE B PAVEMENT. LANGDON STREET PAVEMENT RATING IS 6 AND WISCONSIN AVENUE PAVEMENT RATING IS 8. SAWCUTS, PATCHING & PAVEMENT REPLACEMENT, AND MILL AND OVERLAY LIMITS SHOWN ARE APPROXIMATE - LIMITS SHALL BE AT THE DISCRETION OF THE CITY CONSTRUCTION ENGINEER & IN ACCORDANCE WITH CITY OF MADISON PATCHING CRITERIA.

ALL ISLANDS SHALL HAVE MOUNTABLE NOSES PER S.D.D. 3.13. ALL OTHER C & G SHALL BE TYPE "A" PER S.D.D. 3.06 UNLESS OTHERWISE NOTED.

ISLAND INTERIORS SHALL BE OF SOD WHERE THE BACK TO BACK OF CURB DIMENSION IS GREATER THAN 6'.

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 GRADE OF 0.5% TOWARD STORM SEWER INLETS.

PAVEMENT CROSS SLOPES SHALL BE 2%, TERRACES SHALL SLOPE AT A 4% GRADE TOWARD THE GUTTER, SHOULDERS SHALL HAVE A 4% CROSS SLOPE AND CROSS SLOPES FORMING DITCHES SHALL NOT EXCEED 4.00:1 UNLESS OTHERWISE INDICATED.

THE CROSS SLOPE OF SIDEWALKS AND BARRIER FREE SIDEWALK CURB RAMPS SHALL BE 2%. 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. A 2 FOOT WIDE CONCRETE FLUME SHALL BE INSTALLED BETWEEN THE SIDEWALK AND THE BACK OF CURB AT SIDEWALK LOW POINTS WHICH CANNOT OTHERWISE BE DRAINED DIRECTLY TO THE GUTTER. 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.

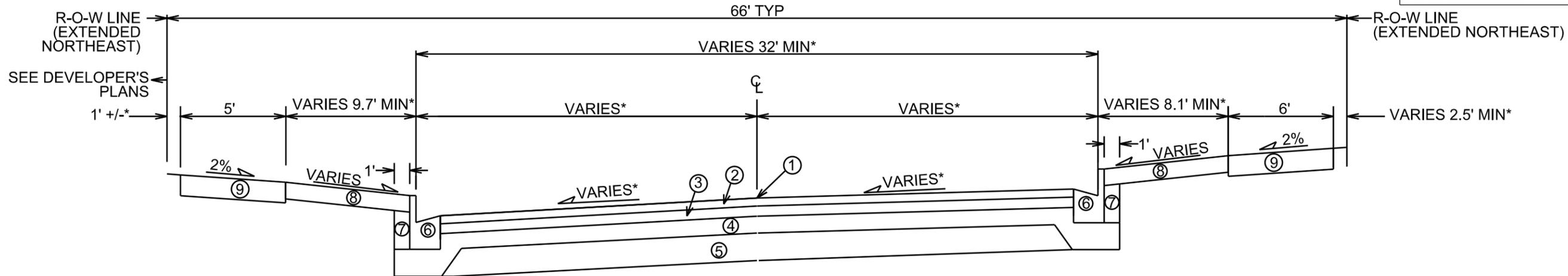
CURB ON CUL DE SACS SHALL BE INSTALLED ACCORDING TO SDD 3.05.

PLOT SCALE: _____

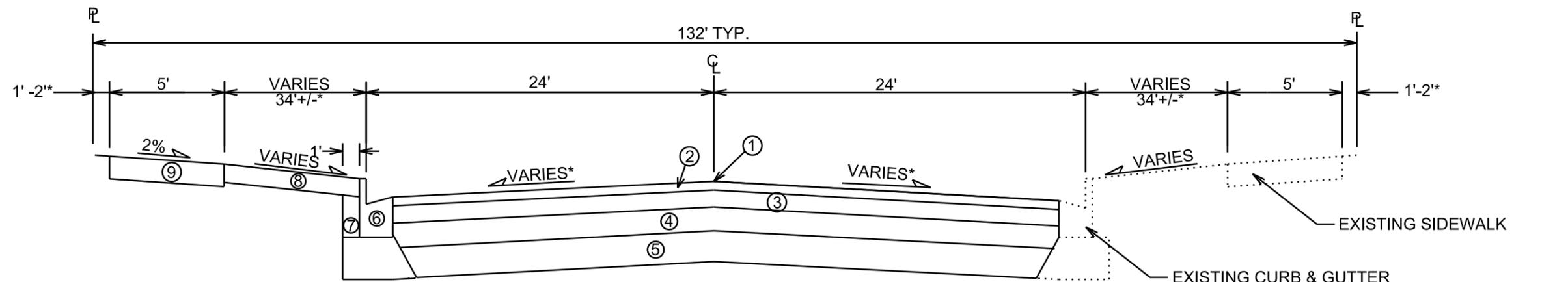
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



TYPICAL FINISHED SECTION
LANGDON STREET
NOT TO SCALE



TYPICAL FINISHED SECTION
WISCONSIN AVENUE
NOT TO SCALE

EXISTING CURB & GUTTER
OR SPECIAL GUTTER ALONG DRIVEWAY CIRCLE
(PROTECT)

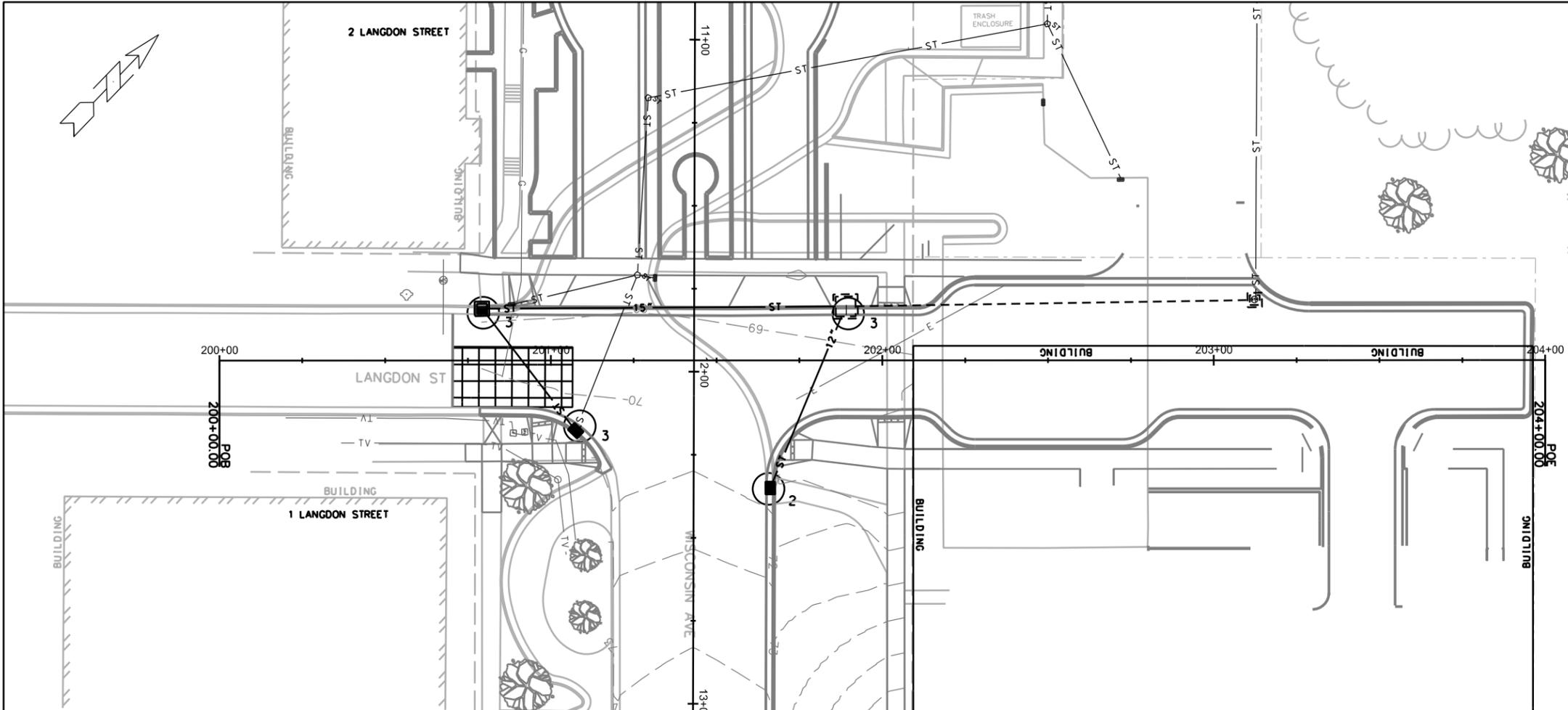
EXISTING SIDEWALK

- ① POINT REFERRED TO ON PROFILE
- ② 2" BITUMINOUS UPPER LAYER, 12.5mm, TYPE E-1
- ③ 2.25" BITUMINOUS LOWER LAYER, 19mm, TYPE E-1
- ④ 4" GRADATION 2 CRUSHED STONE
- ⑤ 6" GRADATION 1 CRUSHED STONE
- ⑥ TYPE 'A' CONCRETE CURB & GUTTER
- ⑦ FILL, INCIDENTAL
- ⑧ 4" TOPSOIL, SEED & MAT
- ⑨ 5" OR 7" CONCRETE SIDEWALK, REPLACE AS NOTED IN PLAN

* SEE CROSS SECTION SHEETS

TYPICAL SECTIONS NOT TO SCALE

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



EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY

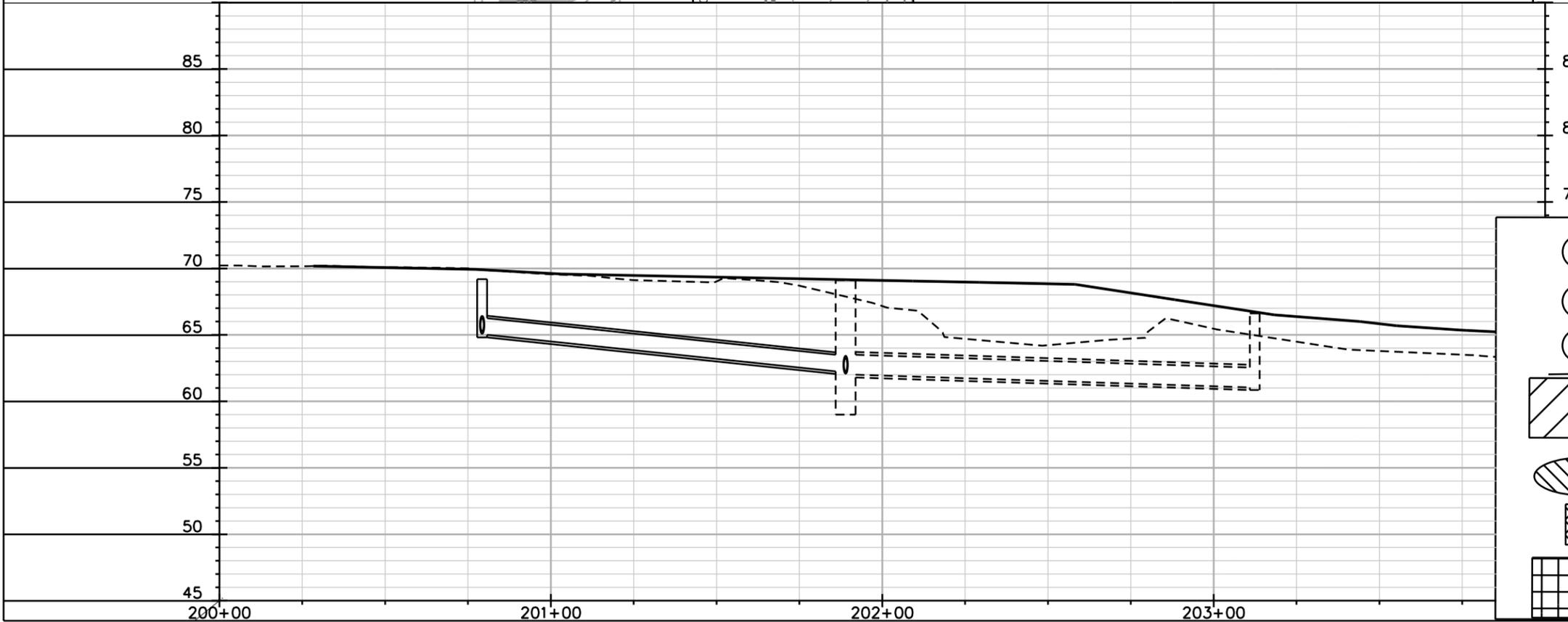
THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON

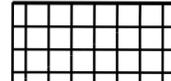
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS FOR CONSTRUCTION.

THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM

POLYMER SHALL BE APPLIED IN ADVANCE OF A PREDICTED 40% CHANCE OF RAIN.

PROVISION OF AN EROSION CONTROL IMPLEMENTATION PLAN BY THE CONTRACTOR AT THE PRE-CON IS REQUIRED.



	1	WDOT TYPE "C" INLET PROTECTION
	2	WDOT TYPE "D" INLET PROTECTION
	3	WDOT TYPE "D" HYBRID INLET PROTECTION
		STREET CONSTRUCTION ENTRANCE BERM PER CITY OF MADISON S.D.D. 1.08
		SILT SOCK (S.D.D. 1.09)
		STREET CONSTRUCTION STONE BERM (S.D.D. 1.10)
		CONSTRUCTION ENTRANCE (S.D.D. 1.07)

PLOT SCALE: _____

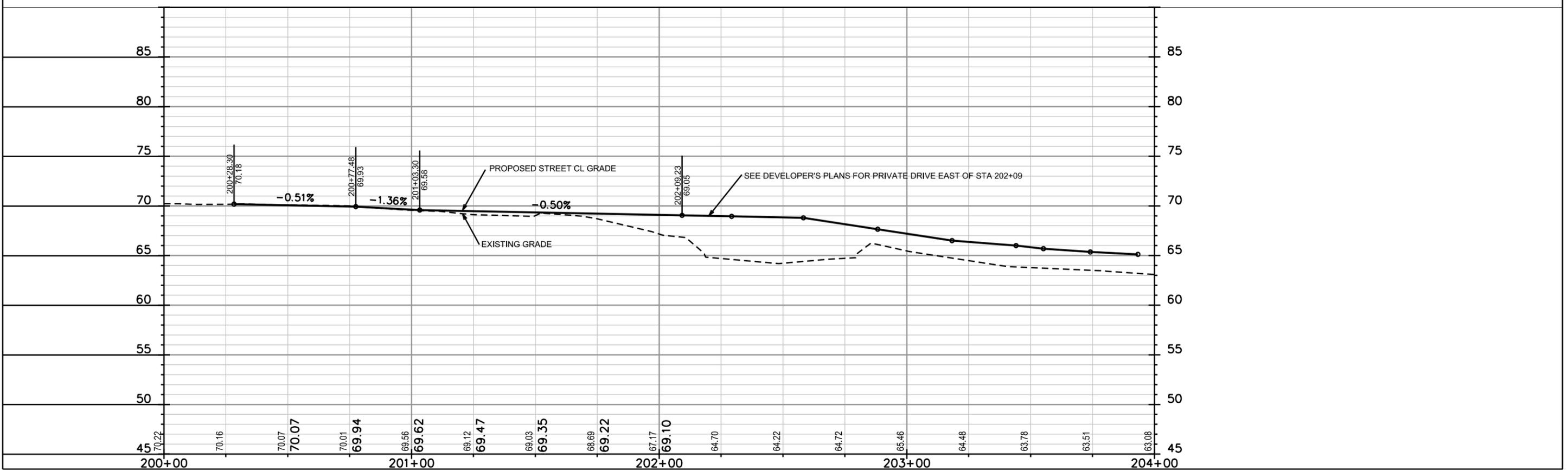
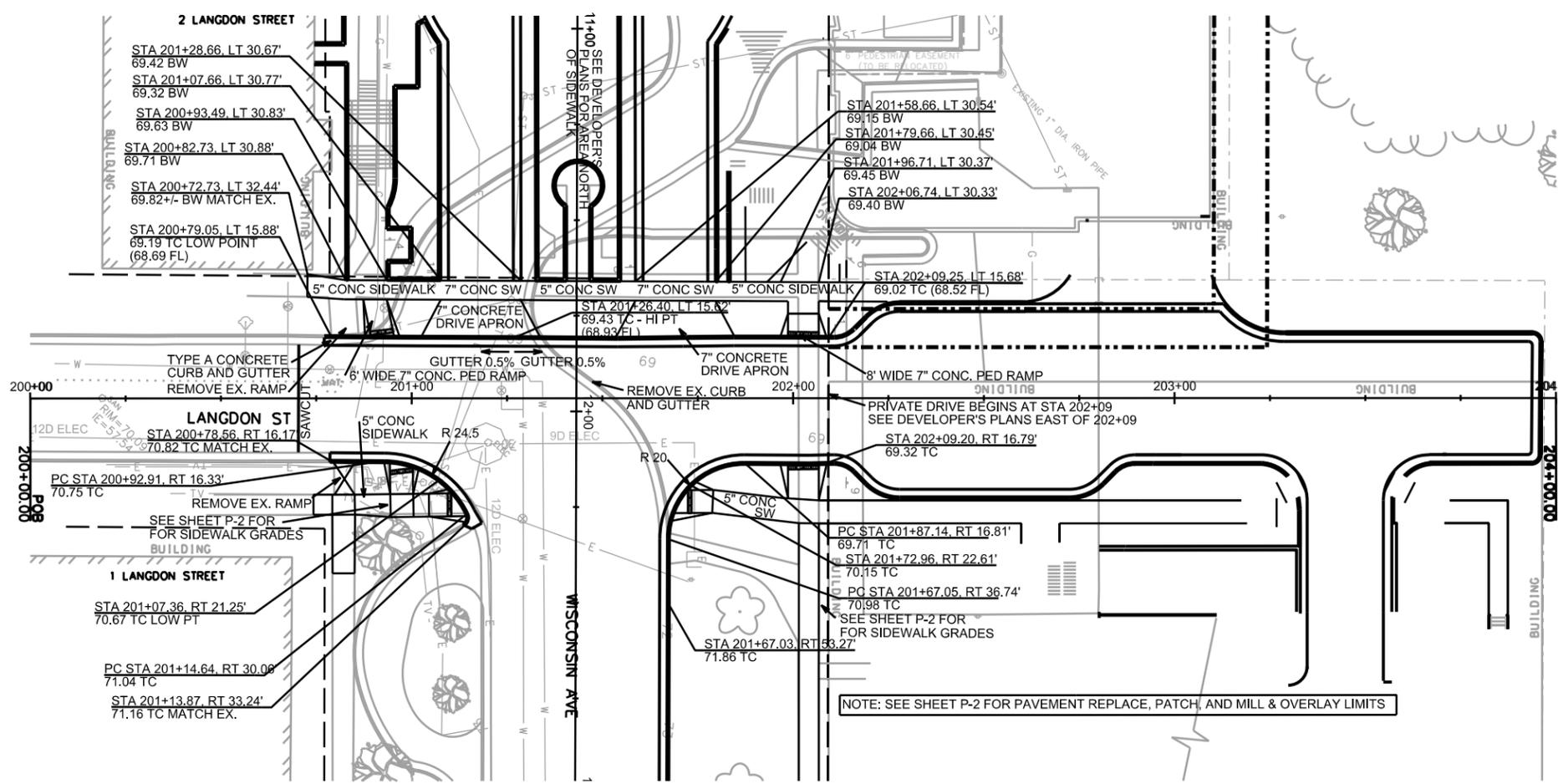
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

NOTES:

1. SAWCUT LIMITS SHOWN ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY IN THE FIELD BY CITY CONSTRUCTION ENGINEER.
2. CONTRACTOR SHALL REPLACE TREES AS SHOWN ON THE PLANS. 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, INSPECT PLANTING STOCK, AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPING CONTRACTOR.
3. CONTRACTOR AND DEVELOPER SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ANY REQUIRED RELOCATION OF PRIVATE UTILITY FACILITIES WITH PRIVATE UTILITIES COMPANIES.
4. DEVELOPER/CONTRACTOR SHALL OBTAIN A STREET OCCUPANCY PERMIT FROM CITY BUILDING INSPECTION AND TRAFFIC ENGINEERING BEFORE BEGINNING ANY WORK WITHIN THE STREET. CONTACT MIKE DUHR WITH TRAFFIC ENGINEERING (267-8755) FOR STREET OCCUPANCY PERMIT. CONTRACTOR SHALL HAVE APPROVED TRAFFIC CONTROL PLAN PRIOR TO WORKING IN THE STREET.
5. THE CONTRACTOR MAY REMOVE PARKING IN THE PROJECT LIMITS, WHERE NECESSARY FOR CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR POSTING AND MAINTAINING PARKING SIGNS IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE CITY OF MADISON POLICE DEPARTMENT'S "GUIDELINES FOR TEMPORARY NO-PARKING RESTRICTIONS FOR CONSTRUCTION OR SPECIAL EVENTS."
6. THE CONTRACTOR SHALL NOT REMOVE OR COVER ANY TRAFFIC SIGNS. FOR REMOVAL OR REPLACEMENT, OR COVERING OF TRAFFIC AND PARKING SIGNS, CONTACT THE CITY OF MADISON TRAFFIC ENGINEERING FIELD OPERATIONS, 1120 SAYLE STREET, 266-4767, 8:00 AM TO 4:00 PM, A MINIMUM OF 2 WORKING DAYS IN ADVANCE OF WHEN ANY EXISTING SIGNS NEED TO BE REMOVED OR COVERED. THIS SERVICE IS FREE OF CHARGE. IF THE CONTRACTOR REMOVES OR COVERS THE SIGNS, THE CONTRACTOR WILL BE BILLED FOR THE REINSTALLATION OR REPAIR OF, AND ANY DAMAGE TO, THE SIGNING EQUIPMENT.



PLOT SCALE: _____

PLOT NAME: _____

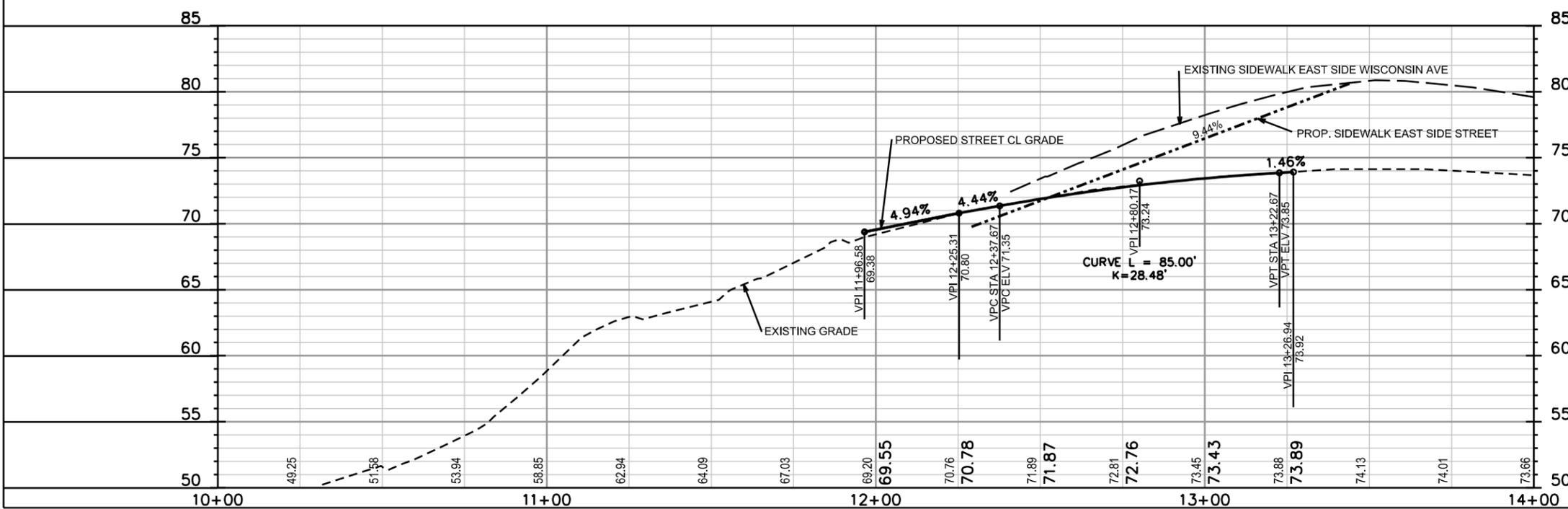
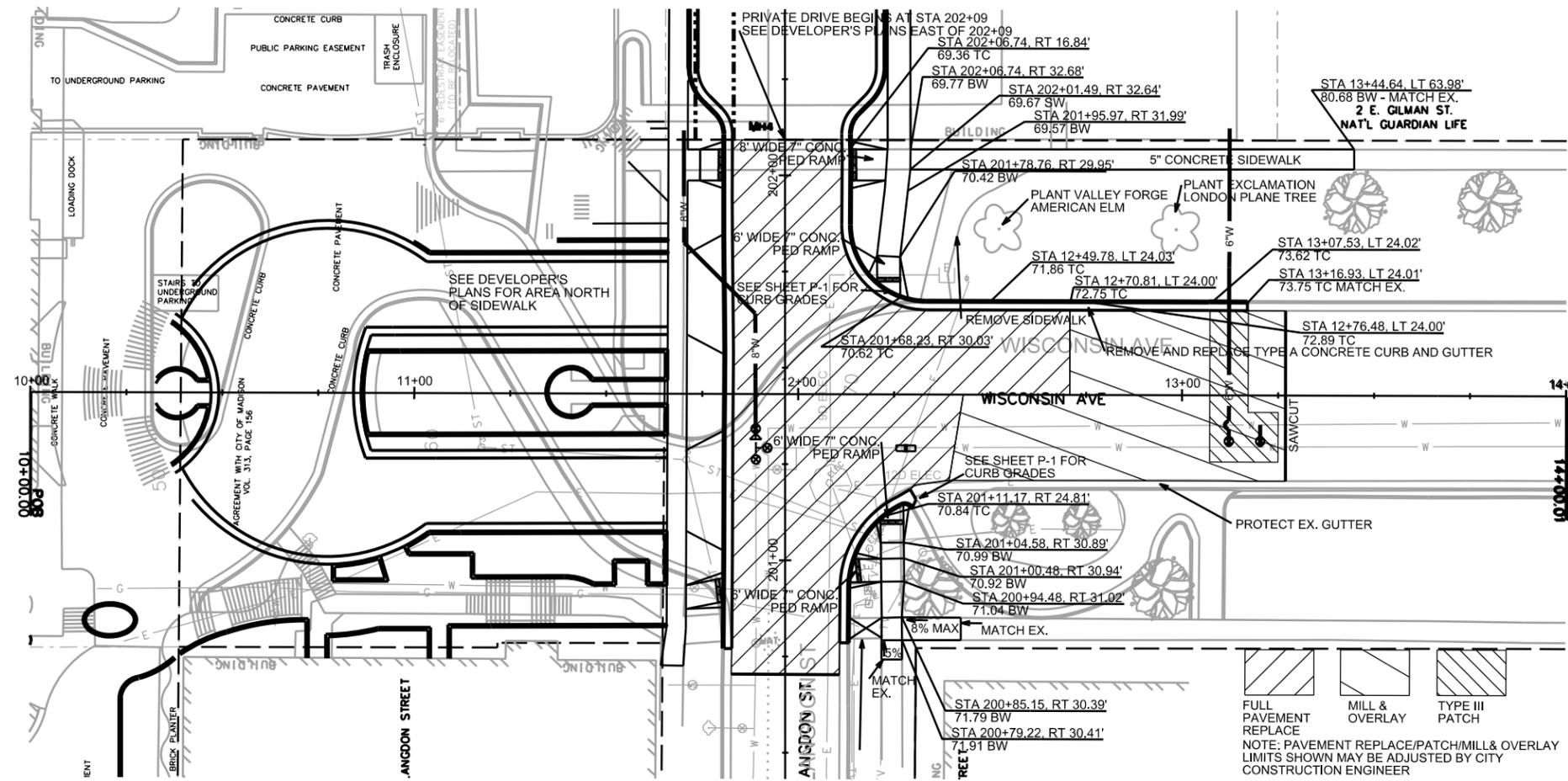
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
WISCONSIN AVENUE CITY OF MADISON

NOTES:

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6. THE CONTRACTOR SHALL NOT REMOVE OR COVER ANY TRAFFIC SIGNS. FOR REMOVAL OR REPLACEMENT, OR COVERING OF TRAFFIC AND PARKING SIGNS, CONTACT THE CITY OF MADISON TRAFFIC ENGINEERING FIELD OPERATIONS, 1120 SAYLE STREET, 266-4767, 8:00 AM TO 4:00 PM, A MINIMUM OF 2 WORKING DAYS IN ADVANCE OF WHEN ANY EXISTING SIGNS NEED TO BE REMOVED OR COVERED. THIS SERVICE IS FREE OF CHARGE. IF THE CONTRACTOR REMOVES OR COVERS THE SIGNS, THE CONTRACTOR WILL BE BILLED FOR THE REINSTALLATION OR REPAIR OF, AND ANY DAMAGE TO, THE SIGNING EQUIPMENT.

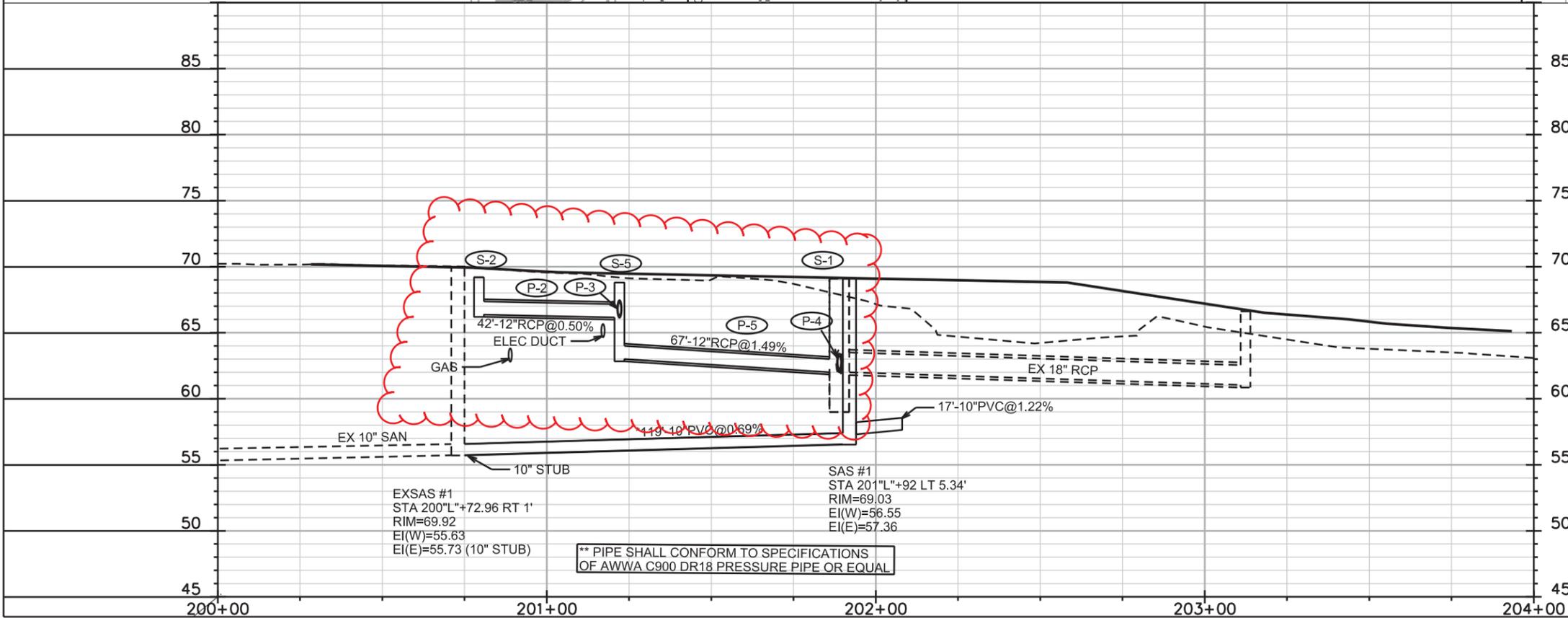
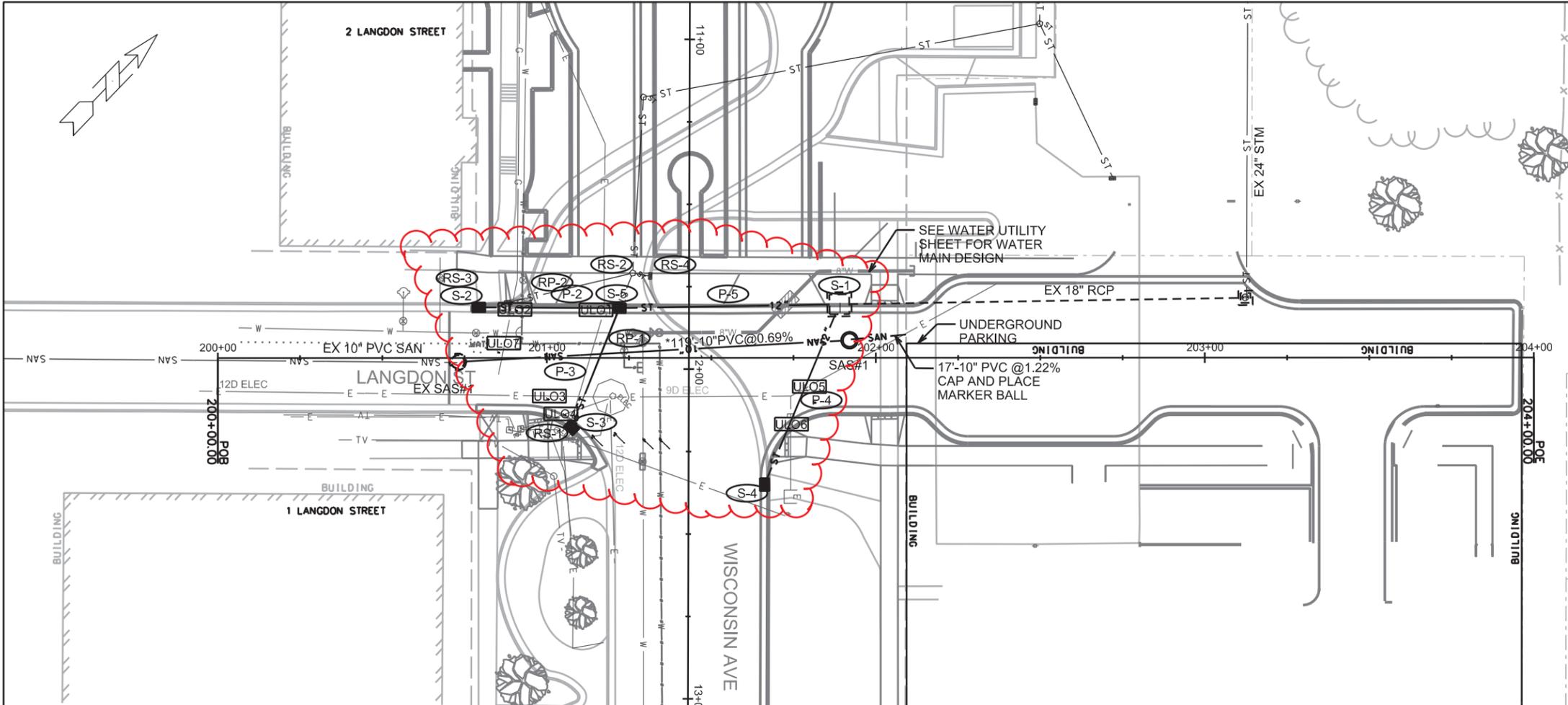


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



EXSAS #1
STA 200+00 L+72.96 RT 1'
RIM=69.92
EI(W)=55.63
EI(E)=55.73 (10" STUB)

SAS #1
STA 201+00 L+92 LT 5.34'
RIM=69.03
EI(W)=56.55
EI(E)=57.36

** PIPE SHALL CONFORM TO SPECIFICATIONS OF AWWA C900 DR18 PRESSURE PIPE OR EQUAL

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SANITARY SEWER SCHEDULE

ALIGNMENT CODES:

"L"-LANGDON ST

666 WISCONSIN AVE- THE EDGEWATER
PROJECT NO. 53B2241

SHEET NO.
U-2

SANITARY SEWER SCHEDULE CITY OF MADISON

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
EX SAS#1	200'L'+72.96	RT-1	69.92	55.63	14.29	CONNECT TO EX STUB
SAS #1	201'L'+92.00	RT-5.34	69.03	56.55	12.48	

PROPOSED SANITARY PIPES

FROM SAS (DNSTM)	TO SAS (UPSTM)	LGTH (FT)	E.I. DOWNSTREAM	E.I. UPSTREAM	SLOPE (%)	SIZE (DIA)	TYPE	NOTES
EX SAS#1	SAS #1	119	55.73	56.55	0.69%	10"	PVC AWWA C900 DR18	
SAS #1	STUB	17	57.61	57.75	0.80%	10"	PVC	PLUG AND PLACE MARKER BALL

PLOT SCALE: ---

PLOT NAME: ---

REV. DATE: ---

ORIGINATOR: CITY OF MADISON STREETS DIVISION

STORM SEWER SCHEDULE

ALIGNMENT CODES:

"L"= LANGDON ST

EDGEWATER PROJECT NO. 53B2241	SHEET NO. U-3
STORM SEWER SCHEDULE CITY OF MADISON	

STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-1	201'L+89.00	LT-16.69	EX 6'X6' SAS	69.12	62.00	7.12	W/3' SUMP BELOW LISTED EI; (1)
S-2	200'L+79.00	LT-15.38	H INLET	69.19	66.37	2.82	LP; FP; W/3067-7004-VB
S-3	201'L+07.65	RT-20.83	H INLET	70.67	68.05	2.62	LP; FP; W/3067-7004-VB
S-4	201'L+66.54	RT-38.43	H INLET	71.00	67.62	3.38	W/3067-7004-V
S-5	201'B'+21.50	LT-15.62	H INLET	68.80	63.00	5.80	FP; W/DRIVEWAY CASTING

PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-2	S-5	S-2	42	66.16	66.37	0.50%	12"	RCP	TAP
P-3	S-5	S-3	38	66.30	68.05	4.61%	12"	RCP	
P-4	S-1	S-4	57	65.33	67.62	4.02%	12"	RCP	TAP
P-5	S-1	S-5	67	62.00	63.00	1.49%	12"	RCP	

* REVISED 4-14-14 CCS

STORM STRUCTURE REMOVALS

STRUCT NO.	ID #	STATION	LOCATION (OFFSET)	TYPE	NOTES:
RS-1	IN 4948-012	201'L+07.70	RT-21.50	H INLET	REMOVE
RS-2	AS 4948-014	201'L+25.00	LT-25.00	SAS	REMOVE
RS-3	IN 4948-011	200'L+79.00	LT-15.00	H INLET	REMOVE
RS-4	IN 4948-013	201'L+28.00	LT-25.00	H INLET	REMOVE

STORM PIPE REMOVALS

PIPE REMOVAL NO.	REMOVE FROM	REMOVE TO	REMOVAL LENGTH	PIPE DIA	NOTES
RP-1	RS-1	RS-2	49	12"	REMOVE
RP-2	RS-3	RS-2	47	12"	REMOVE

ULO'S

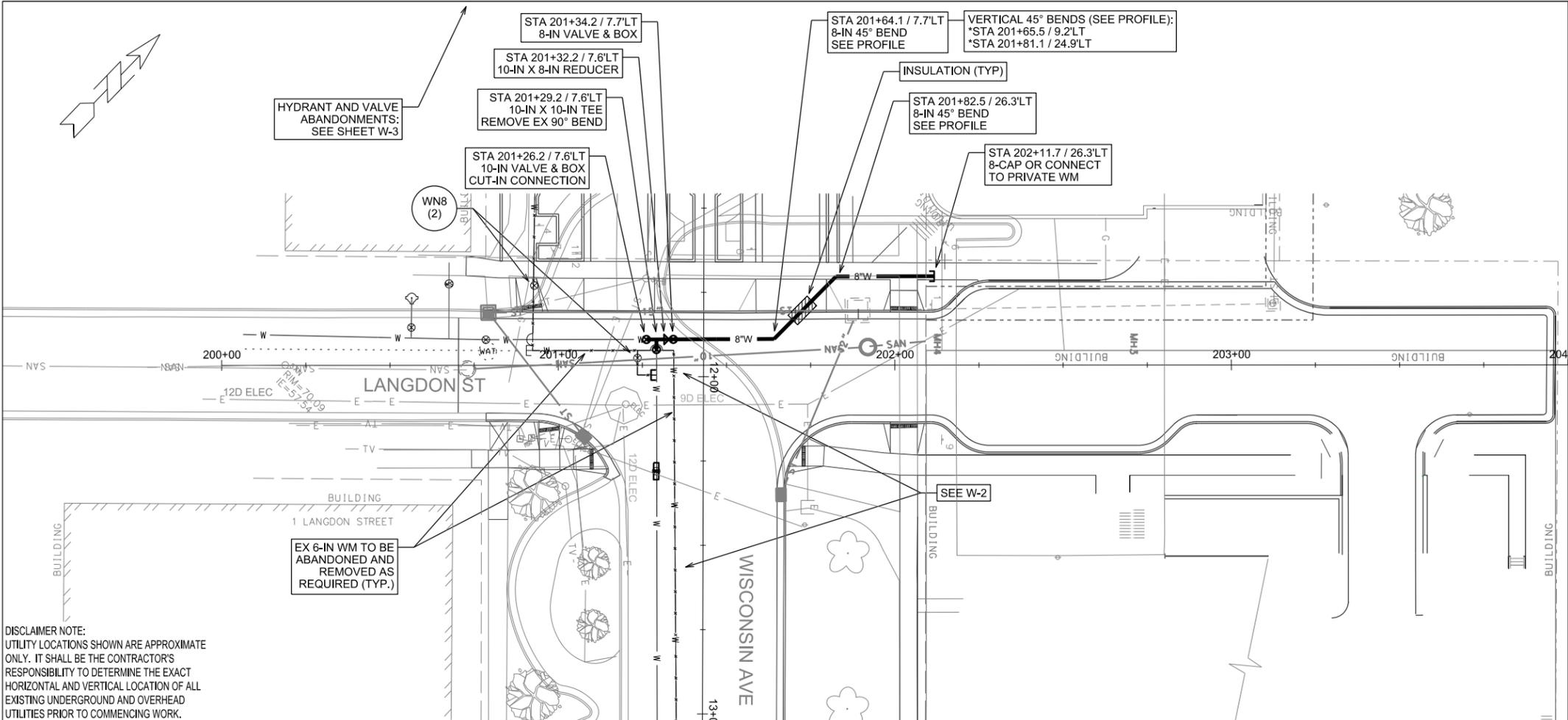
NO.	STATION	LOCATION (OFFSET)	TYPE	TOP UTIL ELEV	BOT UTIL ELEV	NOTES
* ULO-1	201'L+17.00	LT-15.00	ELEC	65.71	64.55	STORM SEWER REVISED
* ULO-2	200'L+89.00	LT-15.00	GAS, WATER	63.76	63.26	STORM SEWER REVISED
* ULO-3	201'L+00.00	RT-11.50	ELEC	67.04	65.34	STORM SEWER REVISED
* ULO-4	201'L+04.00	RT-17.00	ELEC	69.39	68.39	STORM SEWER REVISED
* ULO-5	201'L+78.00	RT-9.00	ELEC	64.48	61.98	STORM SEWER REVISED
* ULO-6	201'L+73.00	RT-20.00	ELEC	65.15	61.98	STORM SEWER REVISED
* ULO-7	200'L+87.00	LT-5.00	GAS	68.05	67.85	STORM SEWER REVISED
* ULO-7	200'L+87.00	LT-5.00	GAS	66.63	66.43	STORM SEWER REVISED
* ULO-8	201'C+10.00	RT-24.00	16" ELEC	68.44	67.10	STORM SEWER REVISED
* ULO-9	201'C+20.00	RT-28.00	38" ELEC	68.79	65.62	STORM SEWER REVISED
* ULO-10	201'C+29.00	RT-32.00	10" WATER	65.24	64.40	STORM SEWER REVISED
* ULO-11	201'C+34.60	RT-34.00	6" WATER	65.99	65.49	STORM SEWER REVISED

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING
- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED.
- CONTACT COREY STELLJES OF CITY ENGINEERING AT (608) 266-9721 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO

SPECIFIC NOTES

(1) TOC ELEVATION TO TOP OF EXISTING R-3067-7004 CASTING

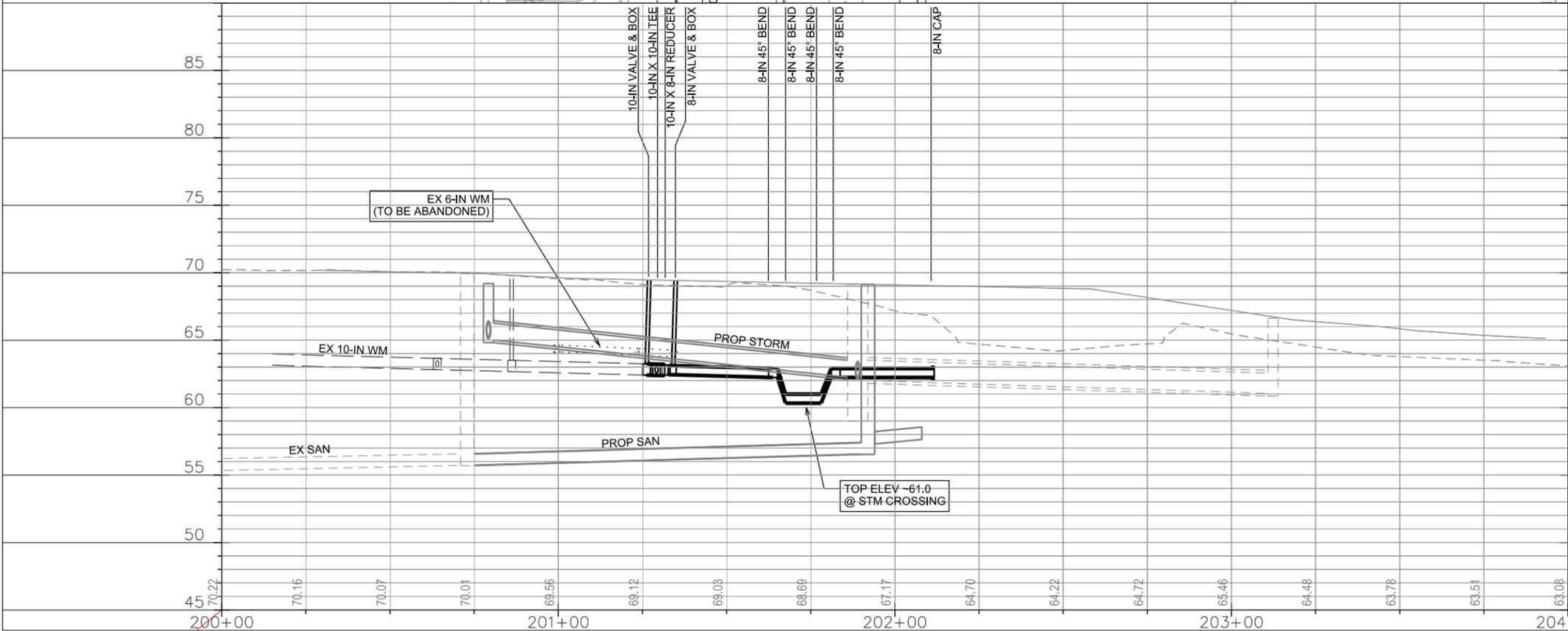


DISCLAIMER NOTE:
UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
TOLL FREE
811 OR 1-800-242-8511
FAX-A-LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.

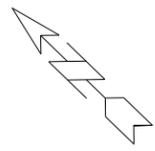


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



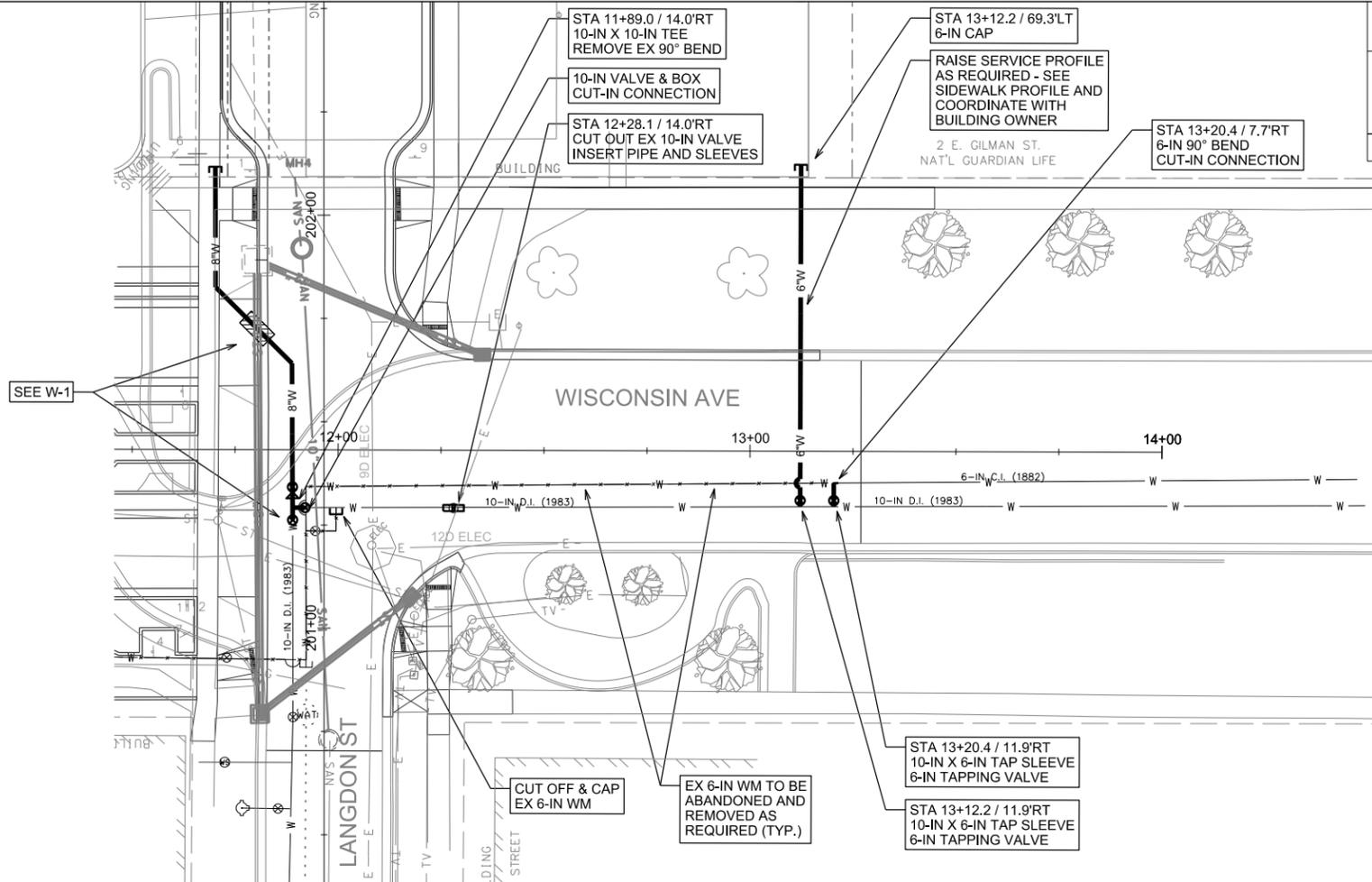
666 WISCONSIN AVENUE - THE EDGEWATER
PROJECT NO. 53B2241

WATER PLAN AND PROFILE

WISCONSIN AVENUE CITY OF MADISON

PM: DENNIS CAWLEY DESIGNER: PEH

SHEET NO. W-2

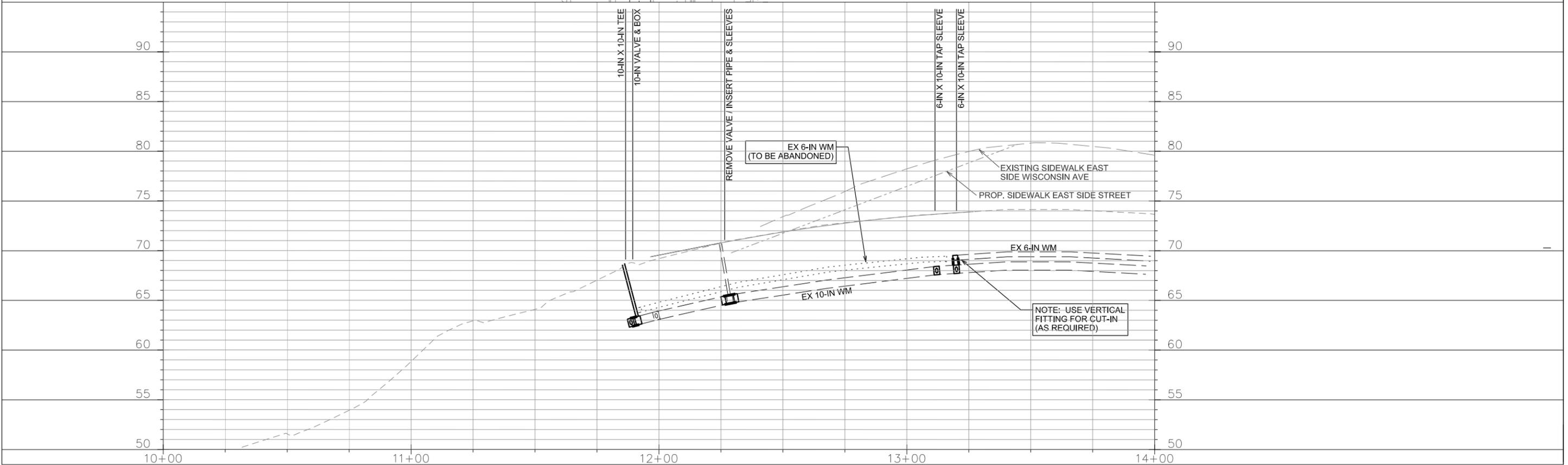


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WIS. STATUTE 182.0175 (1974)
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PLOT SCALE: _____

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REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

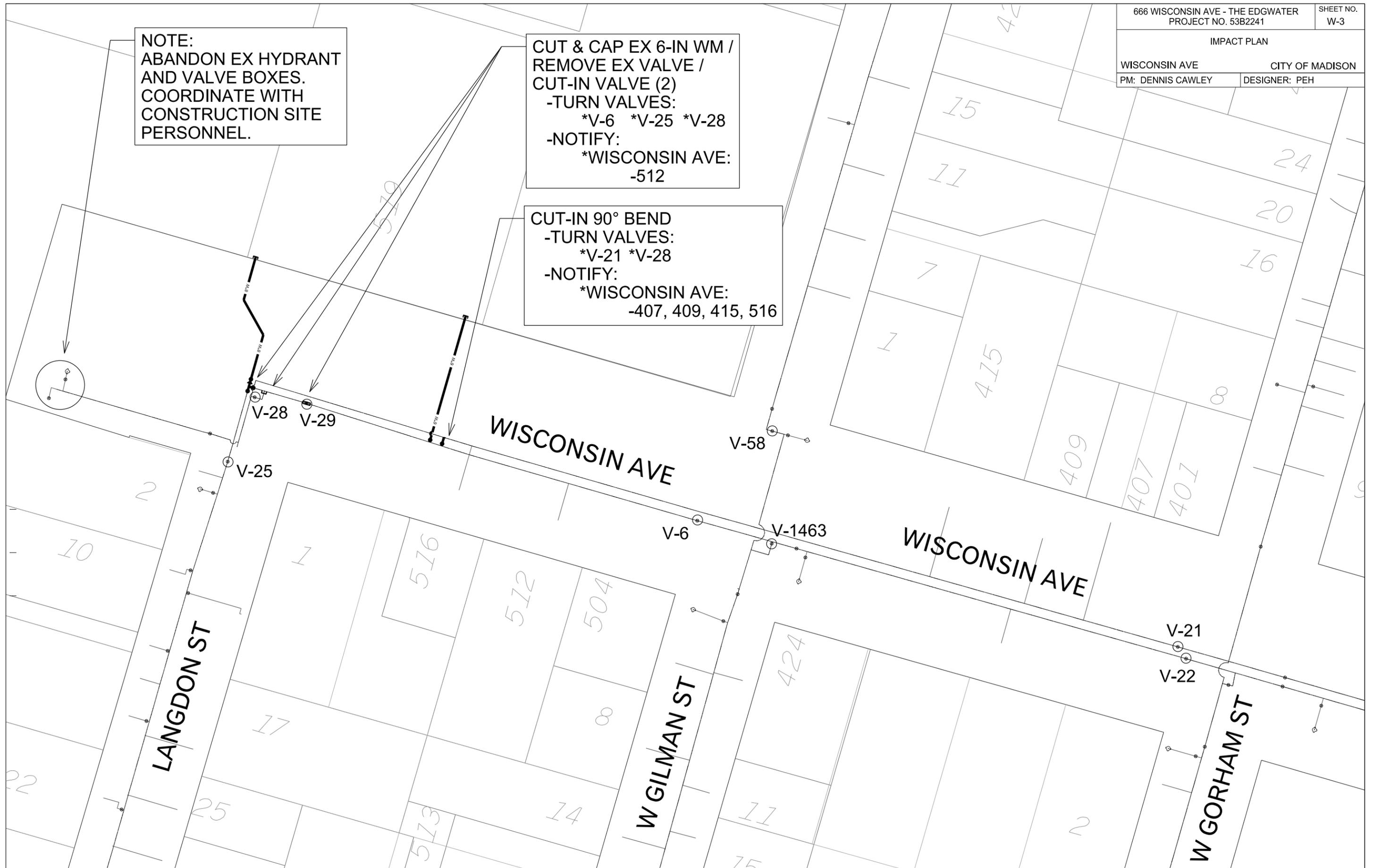
IMPACT PLAN

WISCONSIN AVE CITY OF MADISON
PM: DENNIS CAWLEY DESIGNER: PEH

NOTE:
ABANDON EX HYDRANT
AND VALVE BOXES.
COORDINATE WITH
CONSTRUCTION SITE
PERSONNEL.

CUT & CAP EX 6-IN WM /
REMOVE EX VALVE /
CUT-IN VALVE (2)
-TURN VALVES:
*V-6 *V-25 *V-28
-NOTIFY:
*WISCONSIN AVE:
-512

CUT-IN 90° BEND
-TURN VALVES:
*V-21 *V-28
-NOTIFY:
*WISCONSIN AVE:
-407, 409, 415, 516



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CONSTRUCTION NOTES:

1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
3. MINIMIZE DISTRUPTION OF SERVICE TO EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
4. EXISTING WATER MAIN SHALL REMAIN IN SERVICE UNTIL NEW WATER MAIN IS TESTED AND ACCEPTED BY MADISON WATER UTILITY AND ALL SERVICES ARE RECONNECTED.
5. THE EXISTING UTILITIES SHOWN ON THIS PLAN REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN PREPARATION. CONTRACTOR IS RESPONSIBLE FOR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK.

- WN1 - REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
- WN2 - EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN (OR TO THE LARGER PARALLEL EXISTING MAIN).
- WN3 - EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
- WN4 - DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN (OR TO THE LARGER PARALLEL EXISTING MAIN).
- WN5 - RELOCATE THE EXISTING FIRE HYDRANT.
- WN6 - ABANDON WATER VALVE ACCESS STRUCTURE.
- WN7 - FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
- WN8 - ABANDON THE VALVE BOX.
- WN9 - FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.
- WN10 - REMOVE AND SALVAGE EXISTING HYDRANT
- WN11 - REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE

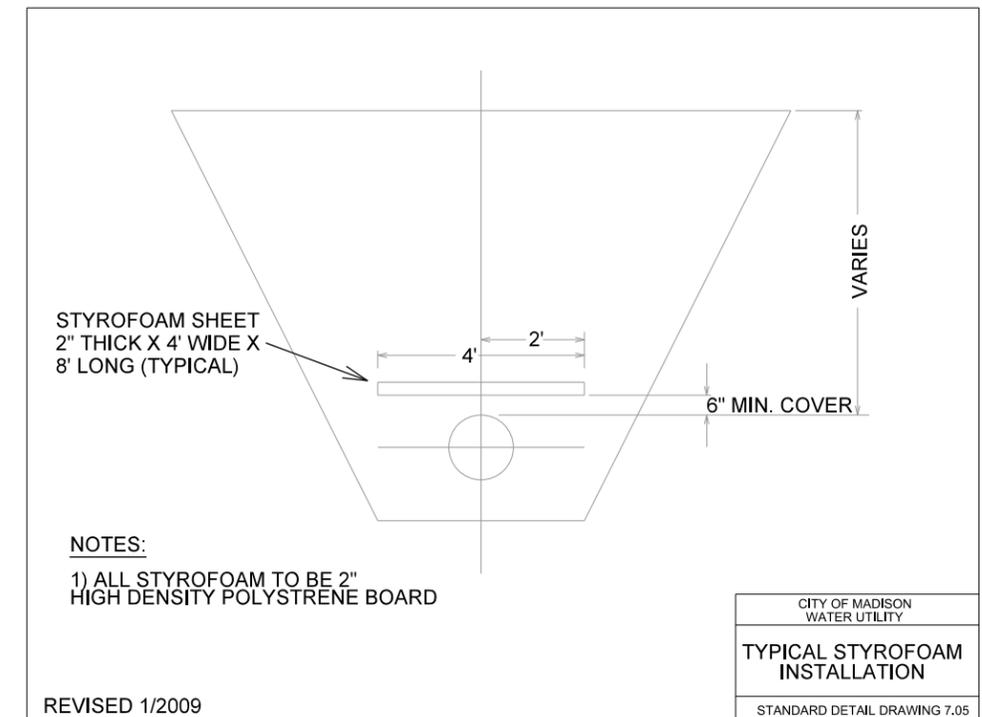
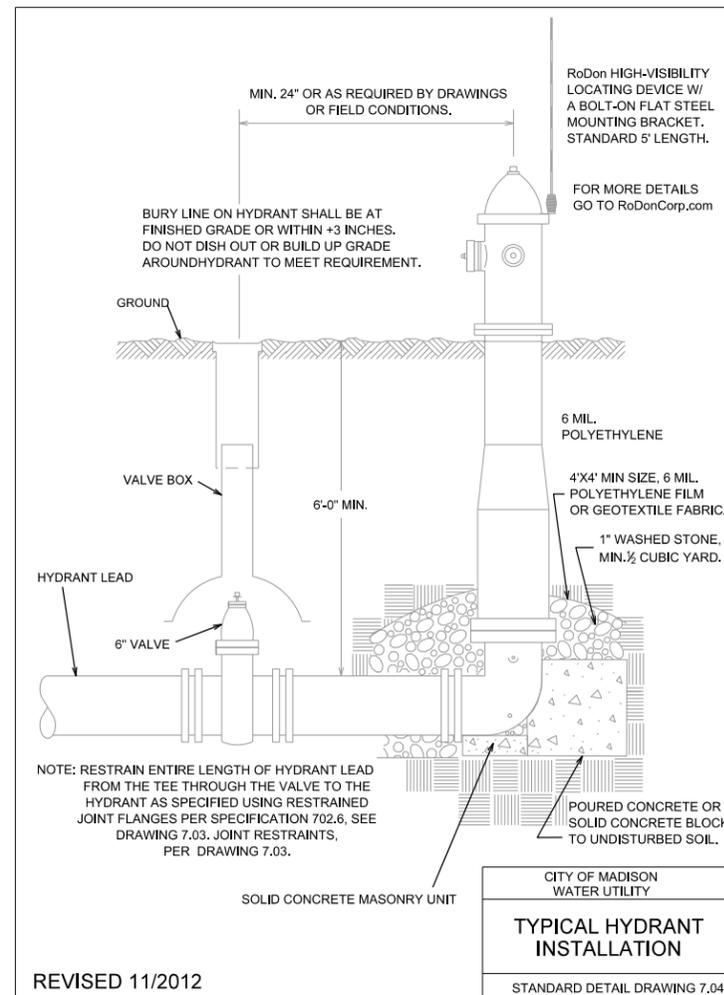
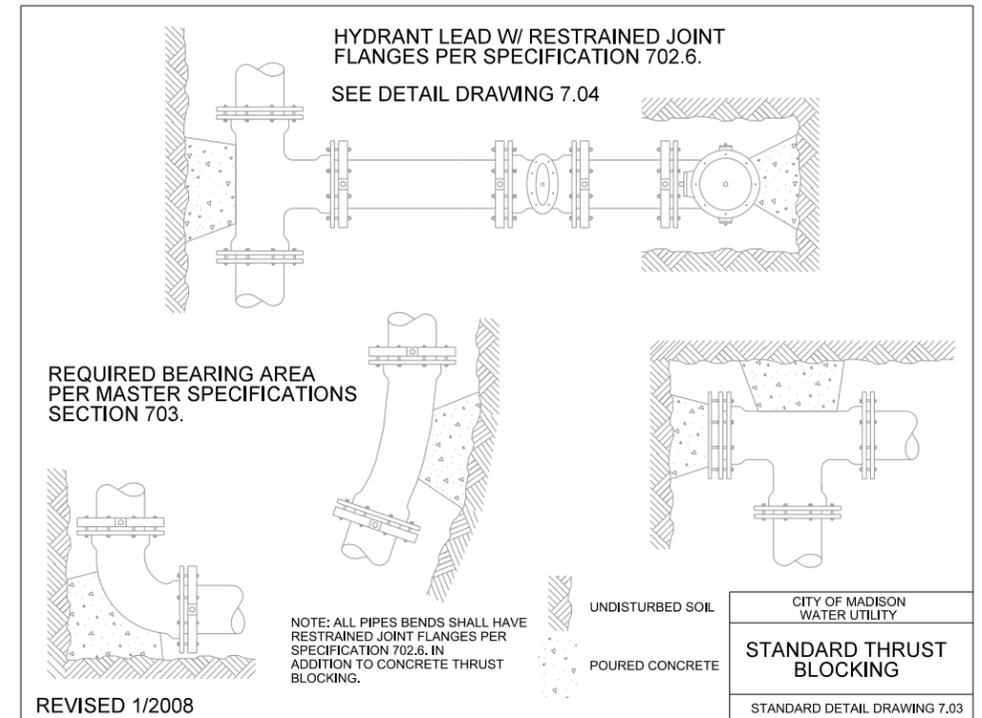
ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

** ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.*

- 100' - 6" PIPE
- 100' - 8" PIPE
- 20' - 10" PIPE
- 250' - POLYWRAP
- 2 - 10" VALVE & BOX
- 1 - 8" VALVE & BOX
- 1 - 10"x10" TEE
- 1 - 6" 90° BEND
- 4 - 8" 45° BEND
- 1 - 10"x8" REDUCER
- 2 - 10" SOLID SLEEVES
- 2 - 6" MJ CAP
- 1 - 8" MJ CAP
- 8' - 2" STYROFOAM INSULATION

MATERIALS SUPPLIED BY CITY:

- 2 - 6" TAPPING VALVE
- 1 - 10"x6" TAP SLEEVE



ELECTRICAL PLANS

LANGDON ST CITY OF MADISON
 WISCONSIN AVE
 KF3/28/14

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) 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.
5. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
6. CITY TRAFFIC ENGINEERING WILL REMOVE AND REINSTALL STREET LIGHTS 4509 AND 4510, INCLUDING FURNISHING AND INSTALLING NEW WIRE. AFTER THE CITY REMOVES THE POLES, THE CONTRACTOR SHALL REMOVE EXISTING BASES, FORM AND POUR NEW BASES WITHIN 3 WORK DAYS. THE NEW CONDUIT AND HANDHOLES SHALL BE FULLY COMPLETED NO LATER THAN 6 WORKDAYS AFTER THE CITY REMOVES THE POLES.
7. THE CONTRACTOR SHALL ARRANGE FOR PICK UP OF THE FOLLOWING CITY FURNISHED MATERIALS, WHICH SHOULD BE ARRANGED FOR PICKUP BY CALLING DENNIS ROWE, TRAFFIC ENGINEERING SHOP, 266-9034 1120 SAYLE ST, AT LEAST 24-HOURS PRIOR TO NEEDING MATERIALS:

1"X40" ANCHOR BOLTS: 8
 TYPE V HANDHOLE: 1

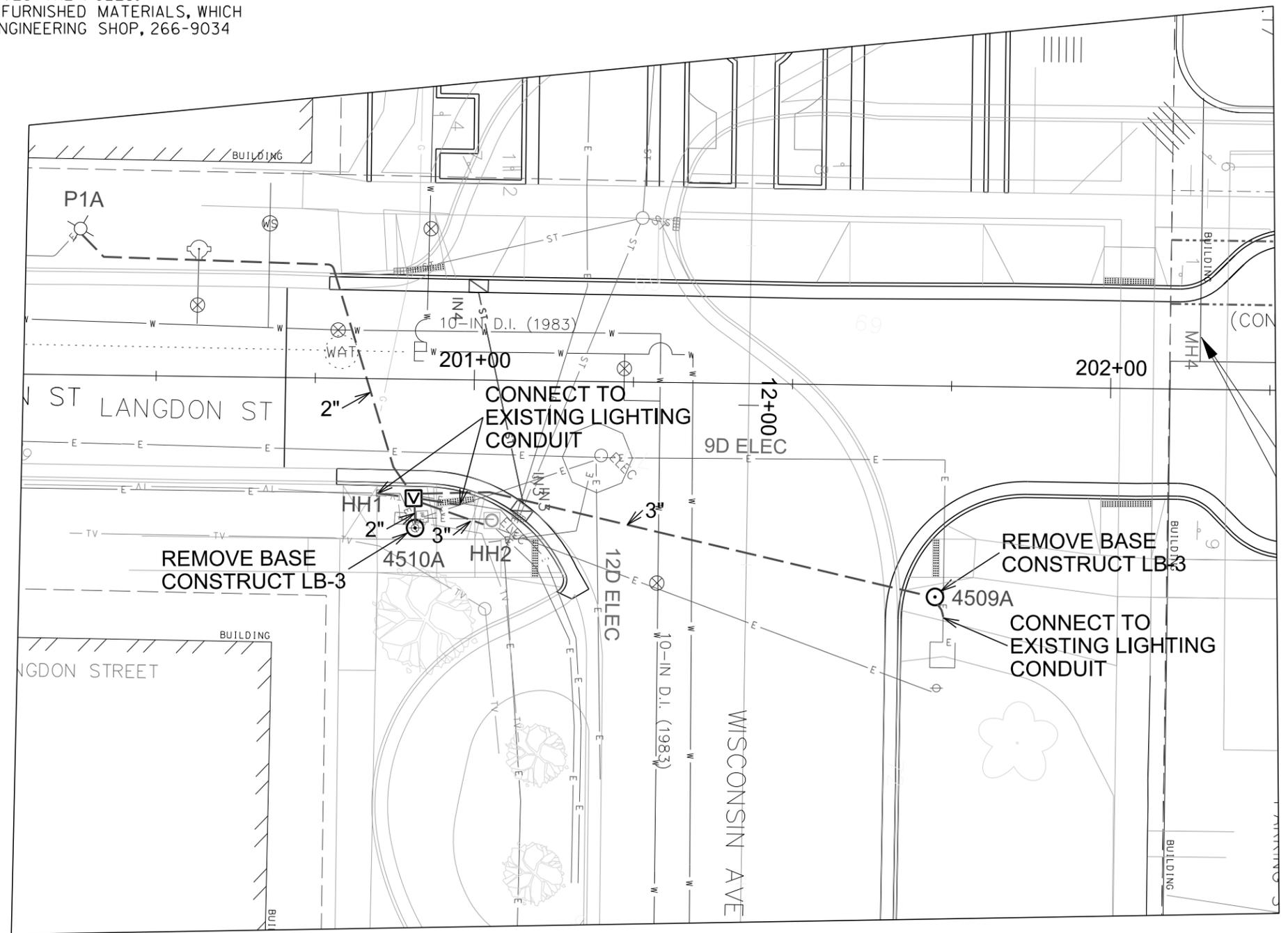
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

- LEGEND
- INSTALL CONDUIT (SIZE NOTED)
 - ⊙ INSTALL LB-3 BASE
 - ☑ INSTALL TYPE V HANDHOLE
 - ⊗ EXISTING STREETLIGHT
 - ⊠ EXISTING HANDHOLE

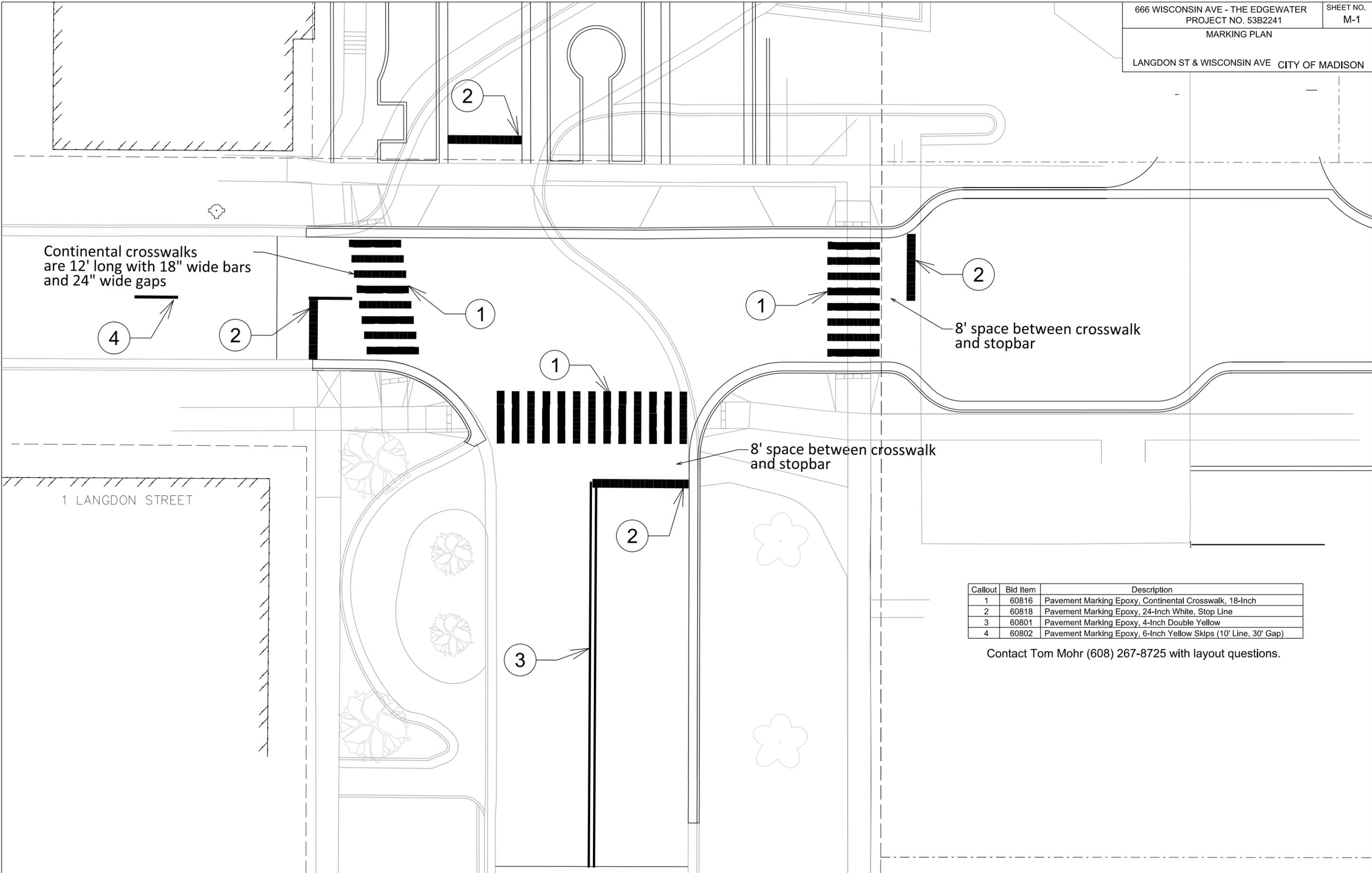


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



Continental crosswalks are 12' long with 18" wide bars and 24" wide gaps

8' space between crosswalk and stopbar

8' space between crosswalk and stopbar

1 LANGDON STREET

Callout	Bid Item	Description
1	60816	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
2	60818	Pavement Marking Epoxy, 24-Inch White, Stop Line
3	60801	Pavement Marking Epoxy, 4-Inch Double Yellow
4	60802	Pavement Marking Epoxy, 6-Inch Yellow Skips (10' Line, 30' Gap)

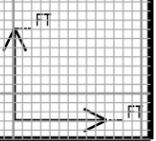
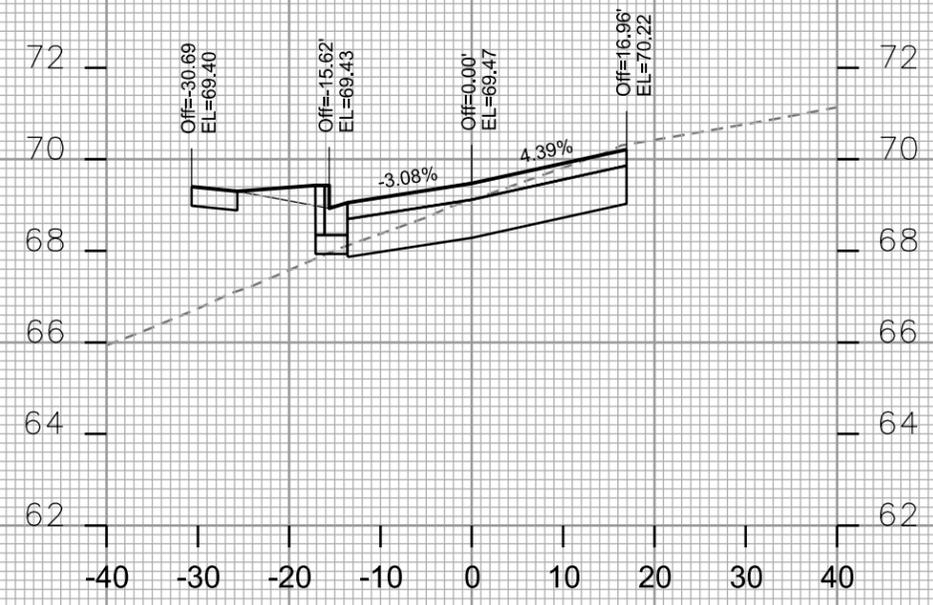
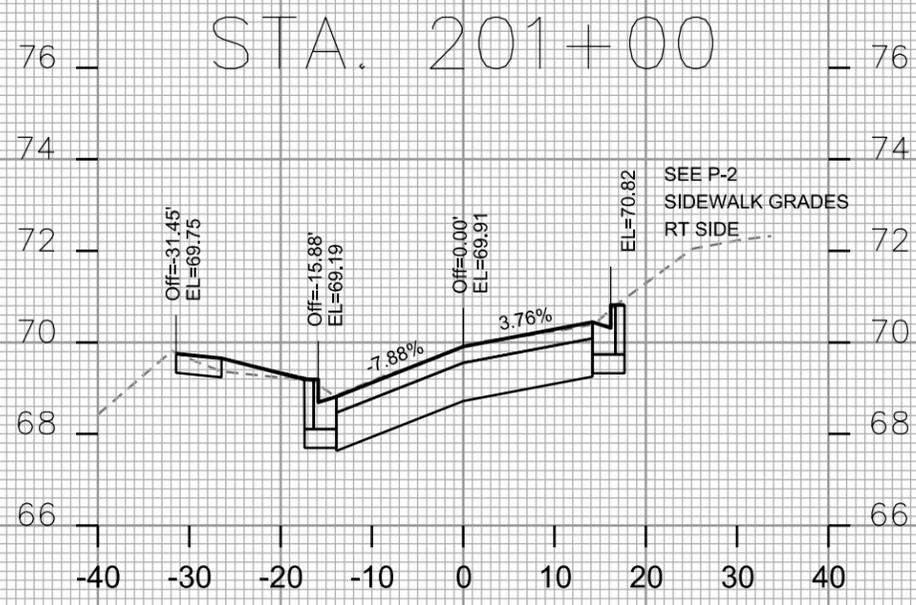
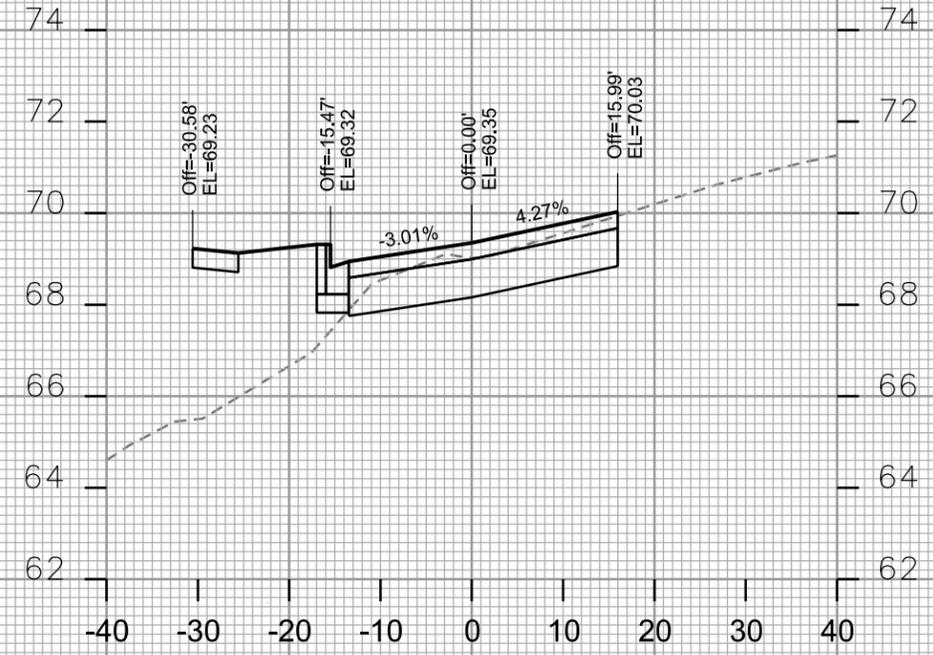
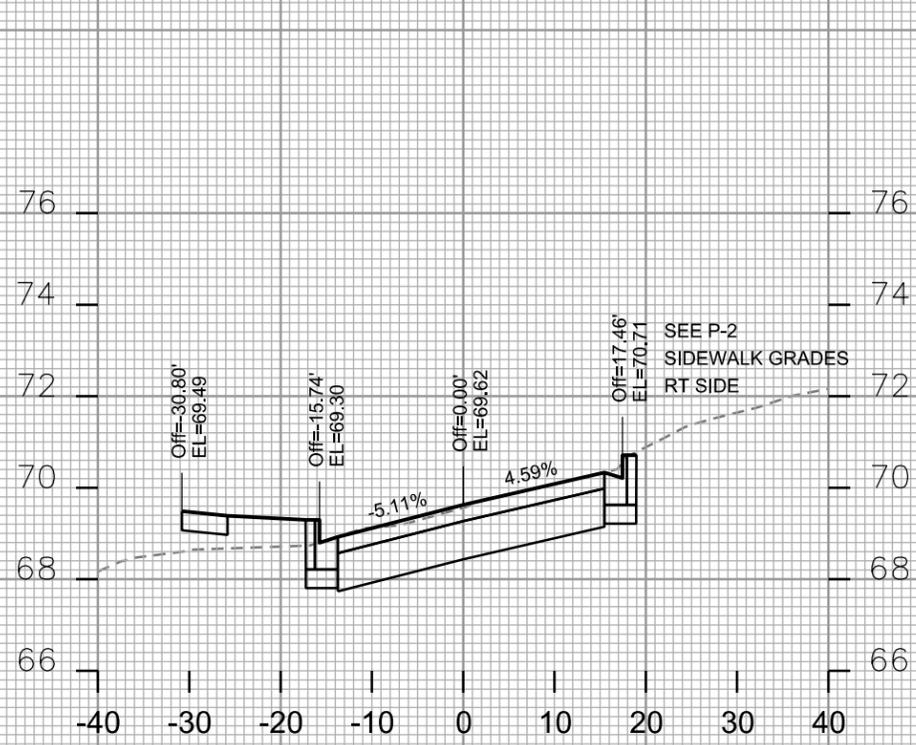
Contact Tom Mohr (608) 267-8725 with layout questions.

PLOT SCALE: _____

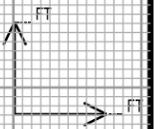
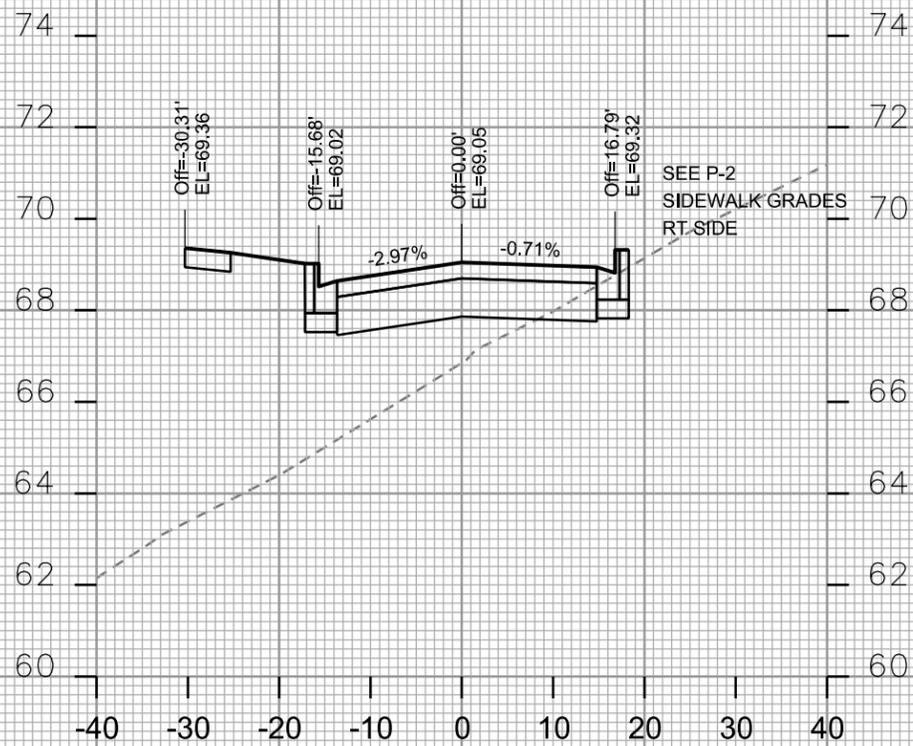
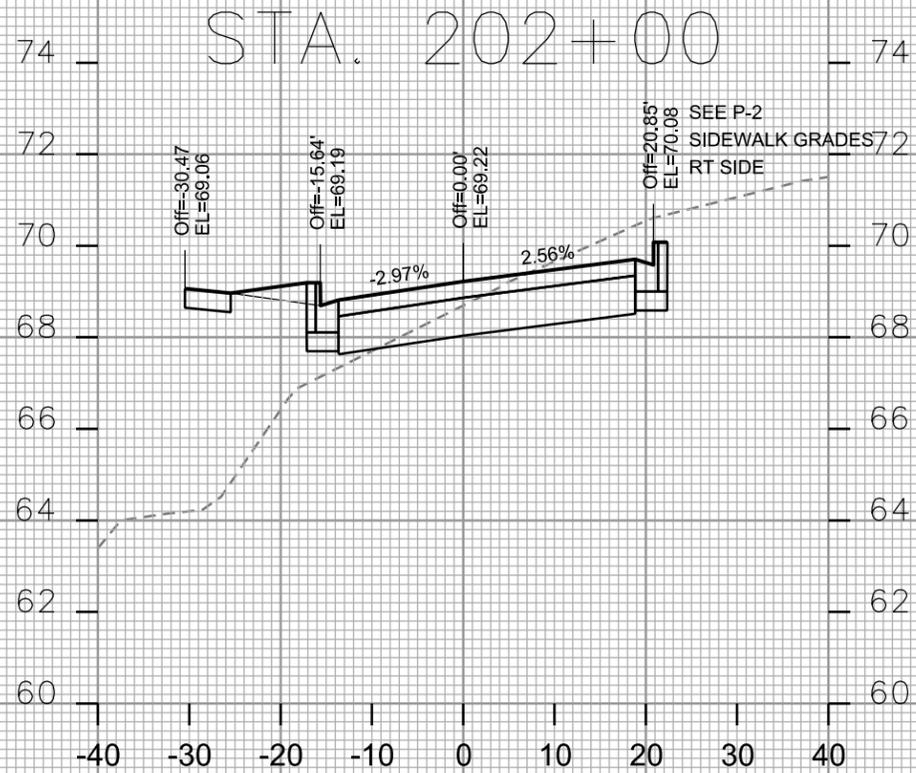
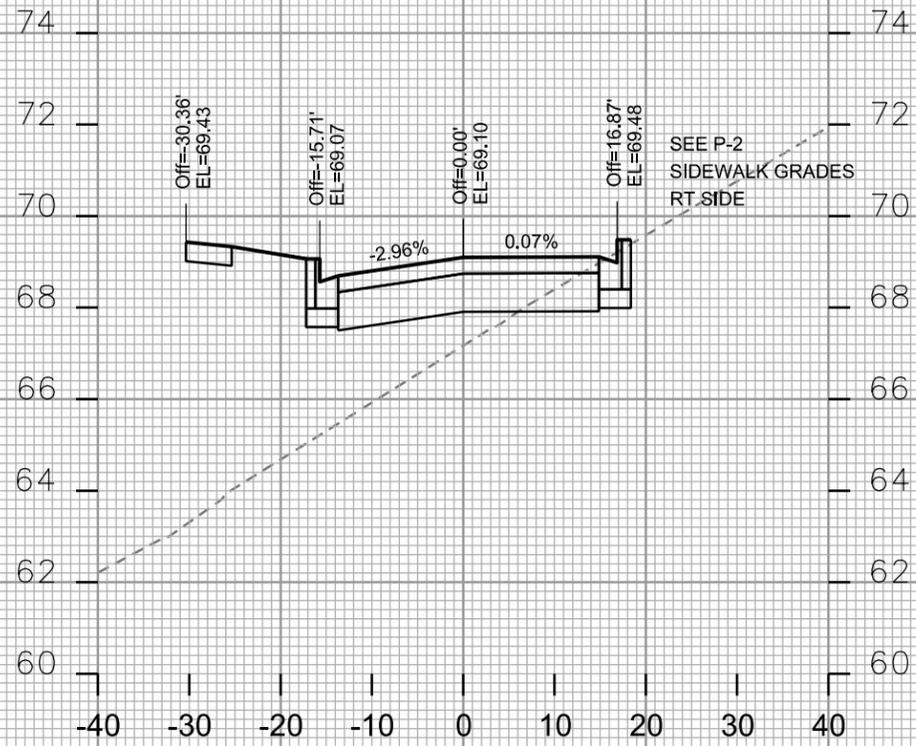
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS
LANGDON STREET CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

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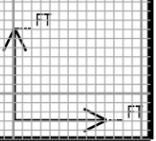
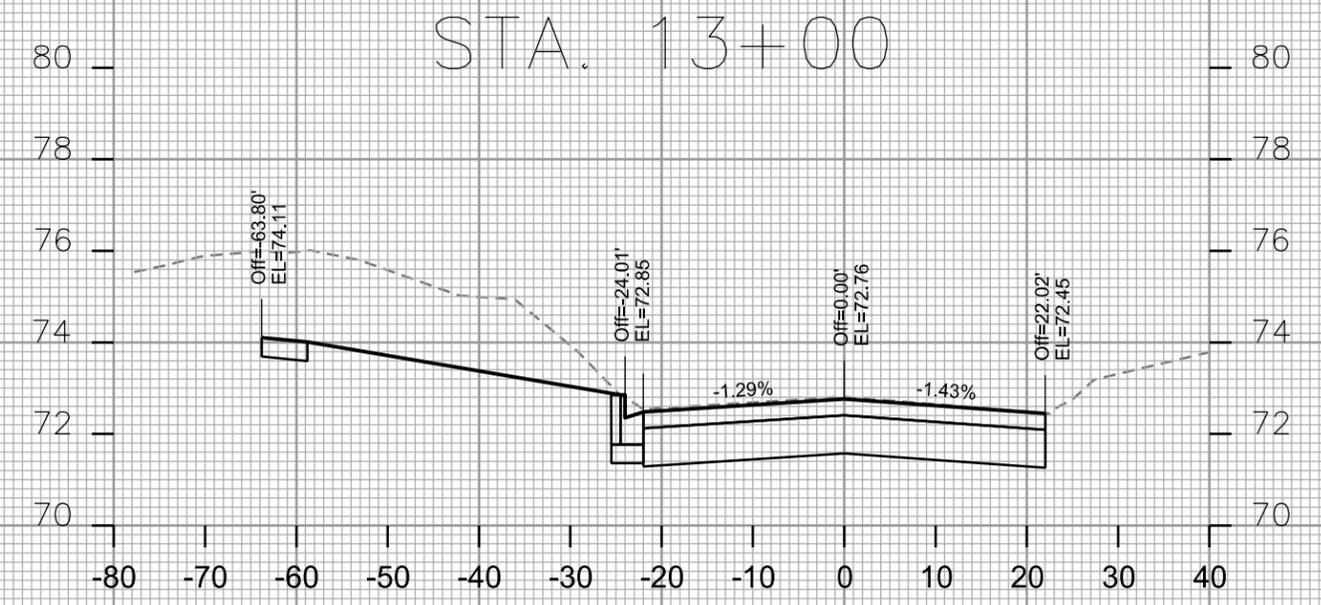
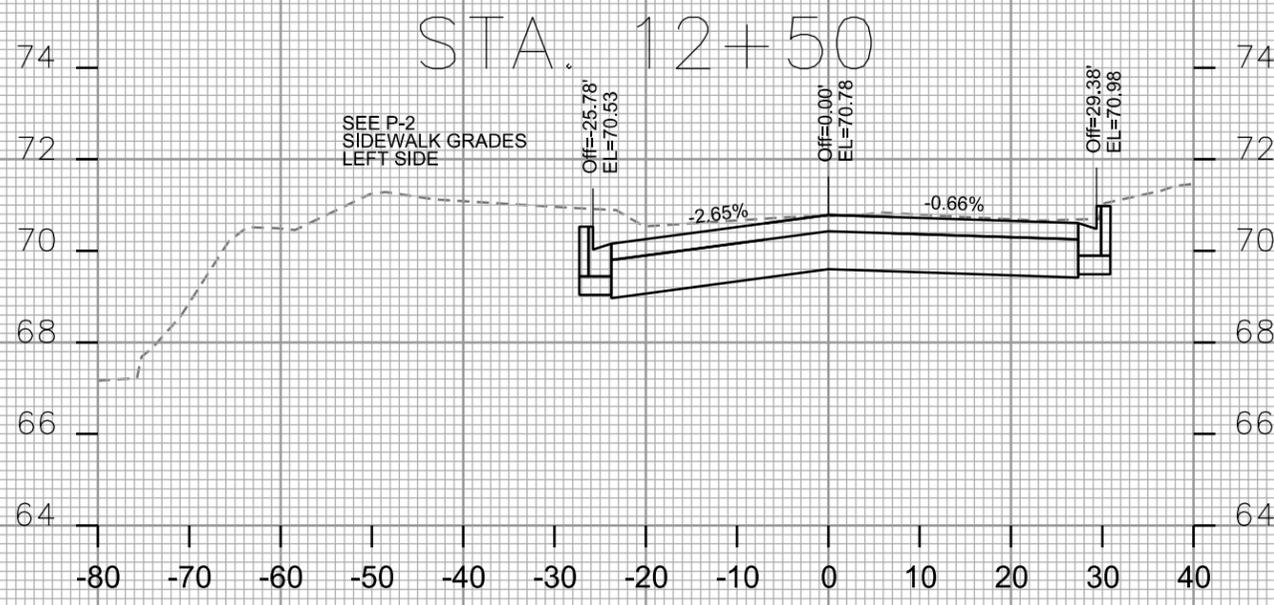
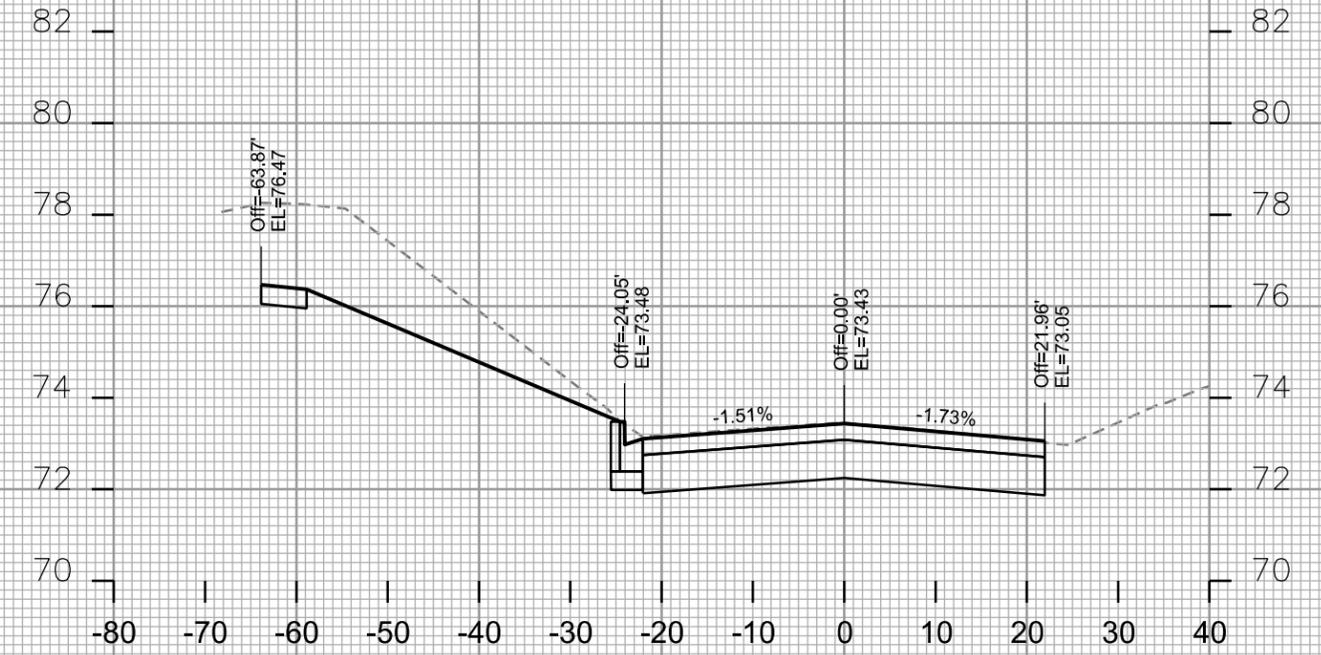
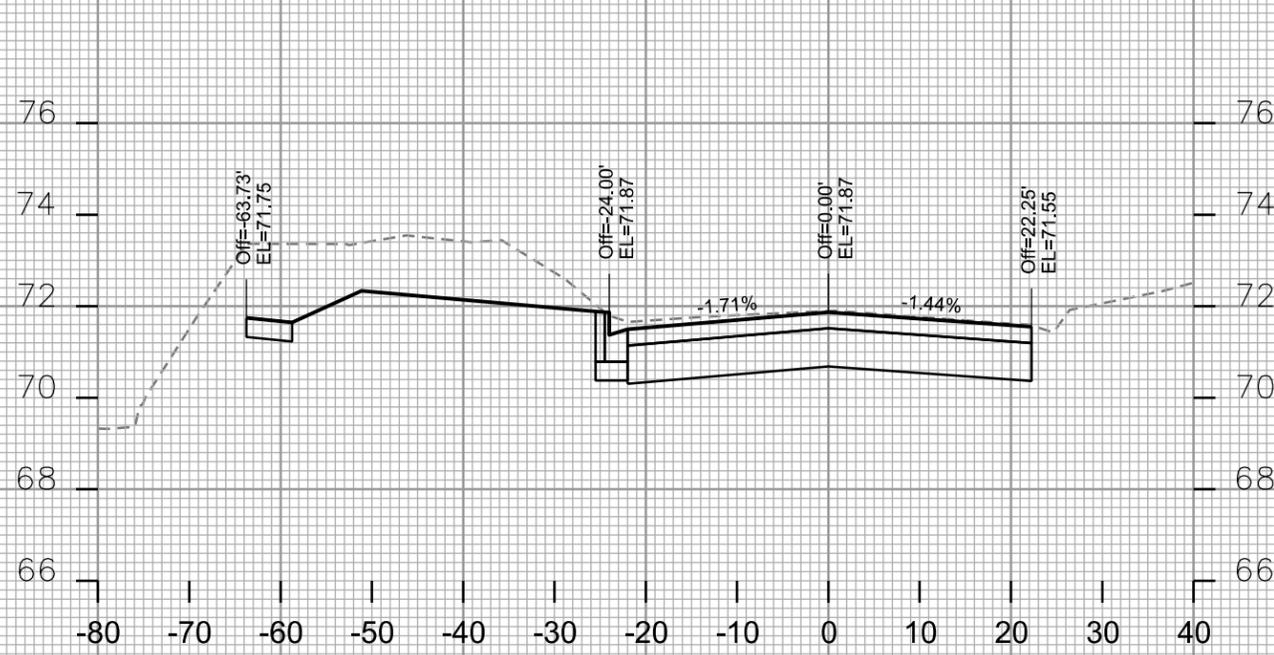
CROSS SECTIONS
WISCONSIN AVENUE CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



PLOT SCALE: _____

PLOT NAME: _____

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