

Madison, Wisconsin

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CITY OF MADISON

CITY ENGINEERING DIVISION DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

MCALLEN 120 BUSINESS PARK

PHASE 1

FEMRITE DRIVE AND MCALLEN'S WAY

CITY PROJECT NO. 53B2209

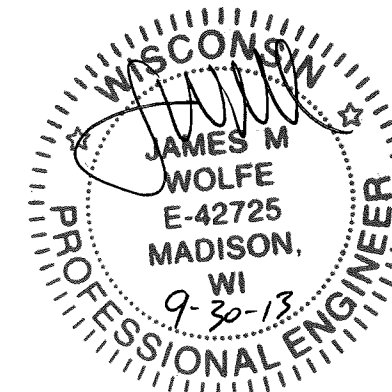
REISSUED PLANS*

PUBLIC IMPROVEMENT PROJECT APPROVED
AUGUST 6, 2013
BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

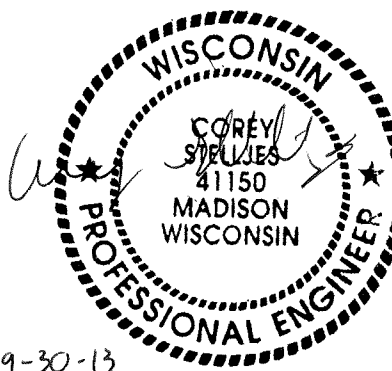
[Signature] 10/3/13
City Engineer Date

STREET DESIGNED BY:



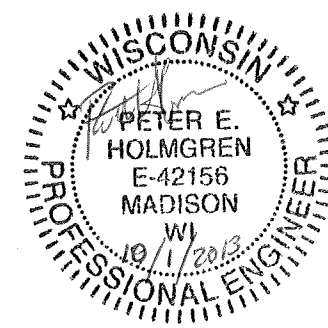
CIVIL ENGINEER

STORM & SANITARY SEWER
DESIGNED BY:



CIVIL ENGINEER

WATER DISTRIBUTION
DESIGNED BY:

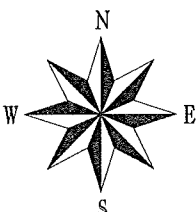
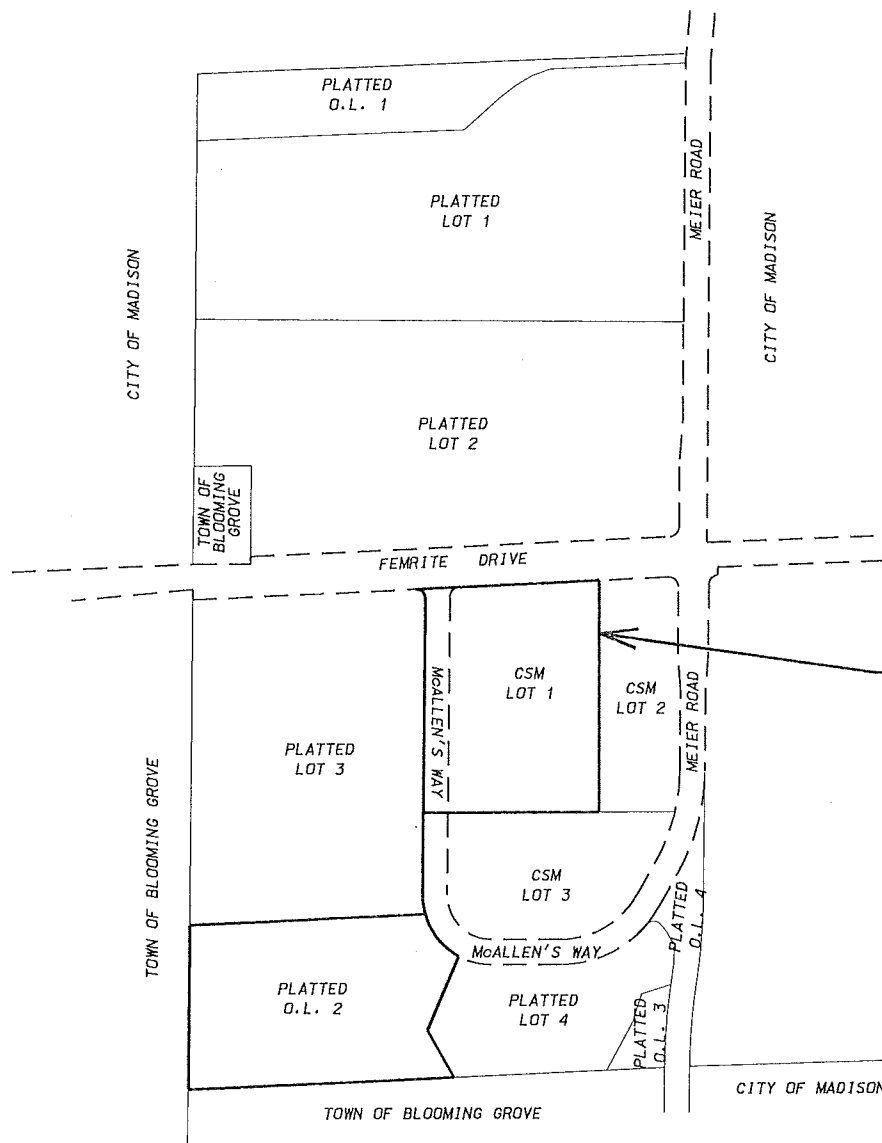


CIVIL ENGINEER

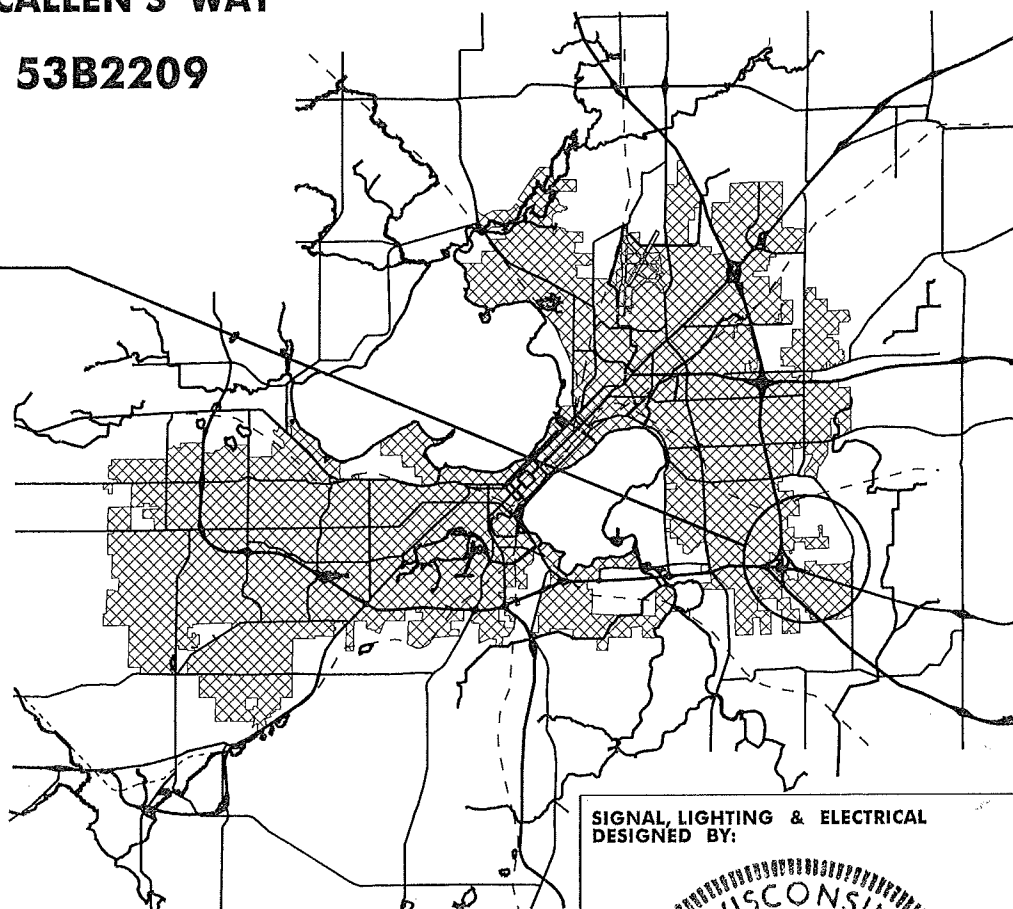
SIGNAL, LIGHTING & ELECTRICAL
DESIGNED BY:



TRAFFIC ENGINEER



**PROJECT
LOCATION**



PHASE LIMITS

* SOME WORK WAS DONE UNDER THE ORIGINAL PLANS FOR PROJECT NO. 53B2209 (APPROVED 12/2/2008). THESE PLANS SHALL REPLACE THE ORIGINAL PLANS UNDER THE SAME PROJECT NUMBER EXCEPT FOR PLANS FOR WORK ALREADY CONSTRUCTED.

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.

ALL PAVEMENT IN THE FEMRITE DRIVE AND MCALLEN'S WAY RIGHT OF WAYS SHALL BE TYPE "C" PER STANDARD DETAIL DRAWING 4.02.

ALL ISLANDS SHALL HAVE TYPE "E" C & G PER S.D.D. 3.08 AND 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 GRADES 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. THE DESIGN OF SIDEWALK ELEVATIONS AND GRADES IS NOT INCLUDED IN THIS PLAN. 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.

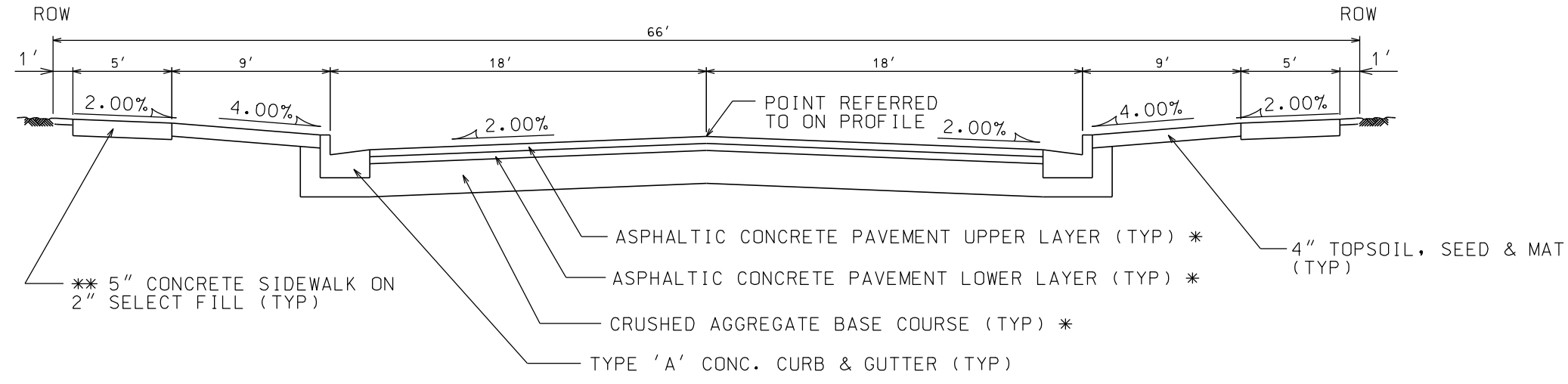
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PLOT NAME:

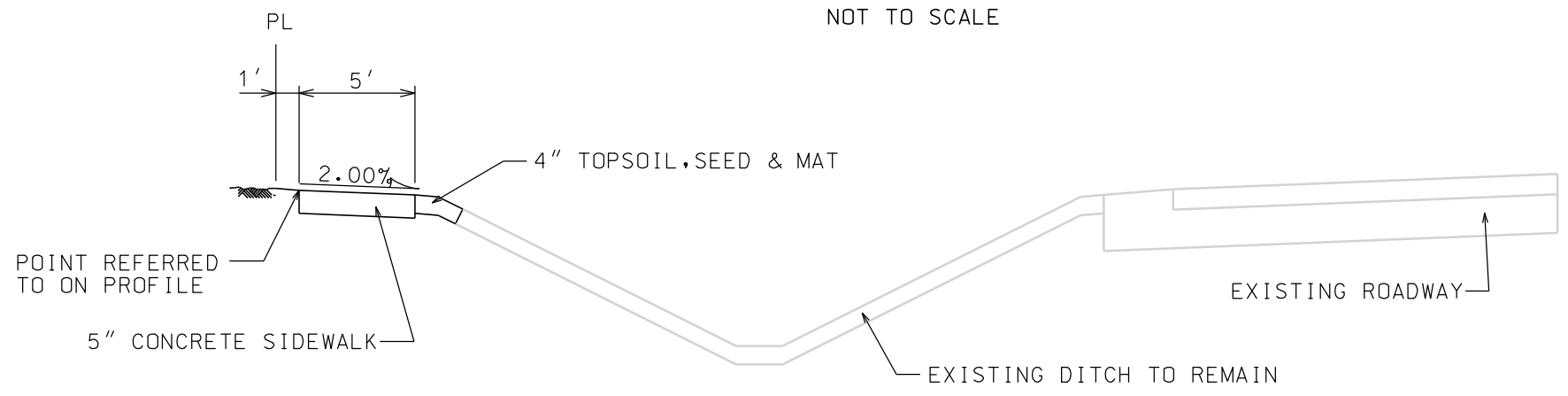
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

TYPICAL SECTION - MCALLEN'S WAY
 NOT TO SCALE



TYPICAL SECTION - FEMRITE DRIVE
 NOT TO SCALE



NOTES:

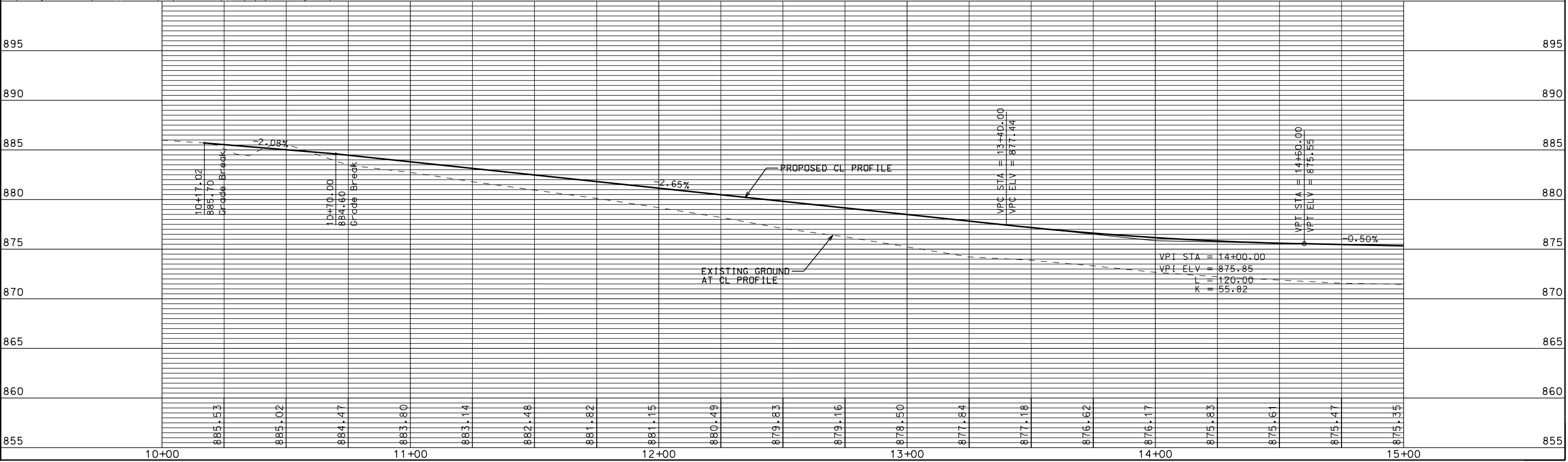
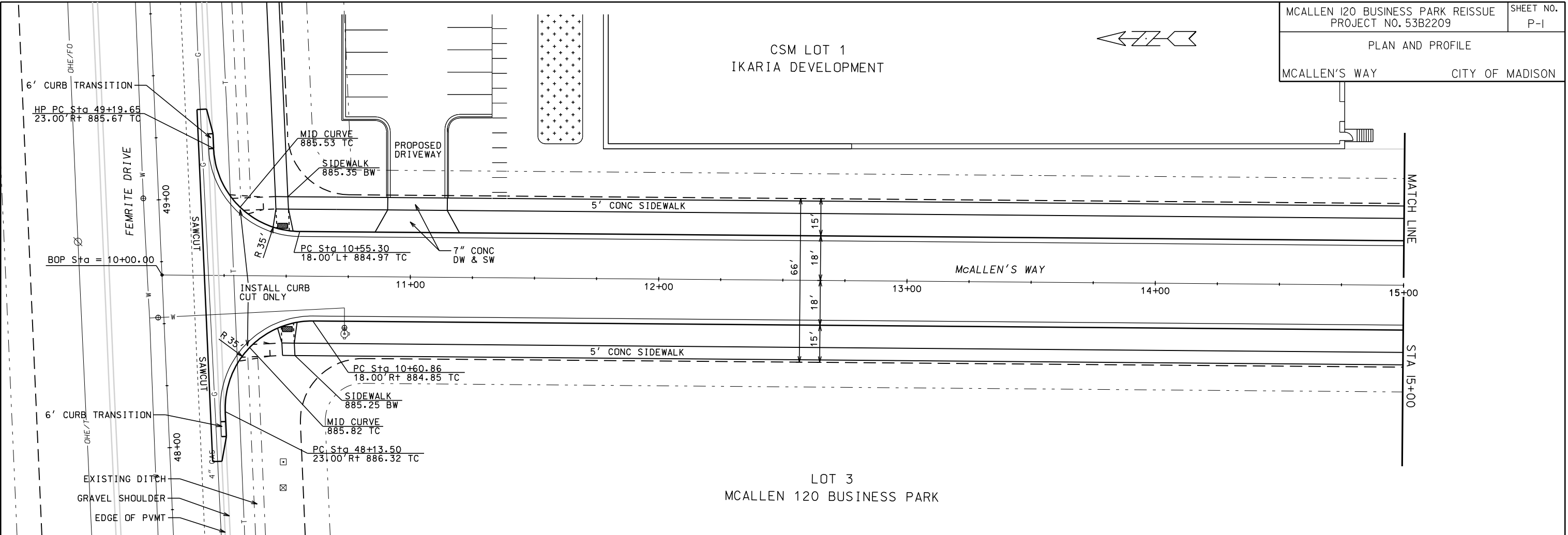
- * A PAVEMENT DESIGN IN ACCORDANCE WITH STANDARD DETAIL DRAWING 4.06 IS REQUIRED ON ALL PROJECTS
- **3" OF CRUSHED AGGREGATE BASE COURSE GRADATION 3 SHALL BE PLACED UNDER THE SIDEWALK WHERE THE CENTERLINE GRADE OF THE STREET EXCEEDS 5%

*CITY OF MADISON MINIMUM PAVEMENT DESIGN

TYPE	CRUSHED AGGREGATE BASE COURSE		ASPHALTIC CONCRETE PAVEMENT			
	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	LOWER LAYER TYPE	LOWER LAYER THICKNESS	UPPER LAYER TYPE	UPPER LAYER THICKNESS
A	6"	4"	E-0.3	1.75"	E-0.3	1.75"
B	6"	4"	E-1	2.5"	E-1	1.75"
C	6"	4"	E-3	3.50"	E-3	1.75"

PLOT SCALE:
 PLOT NAME:
 REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

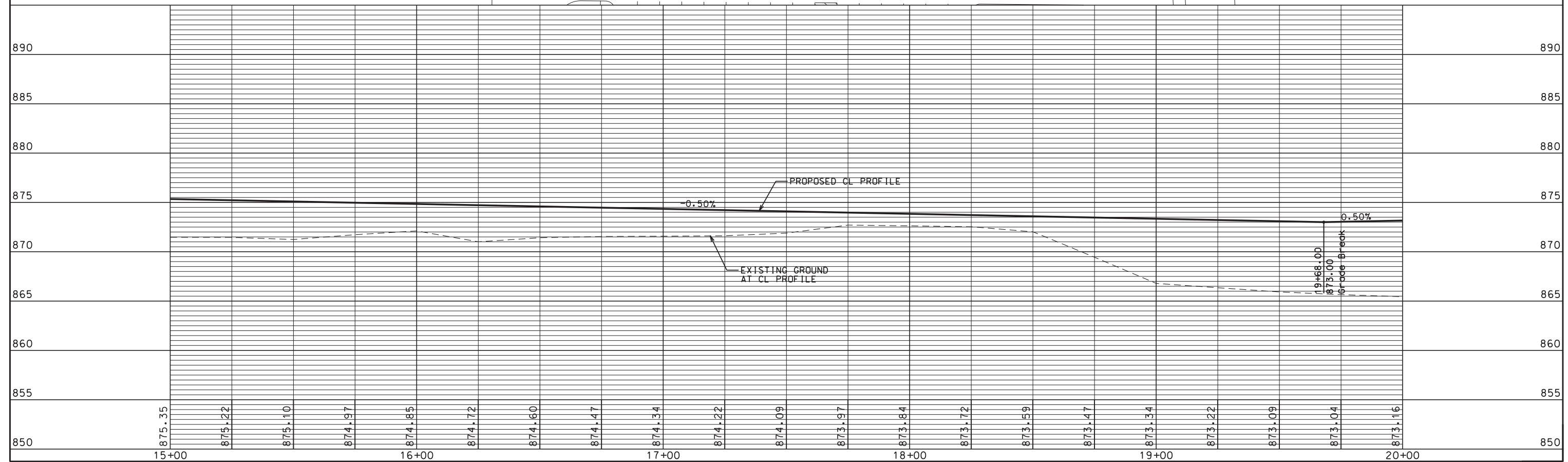
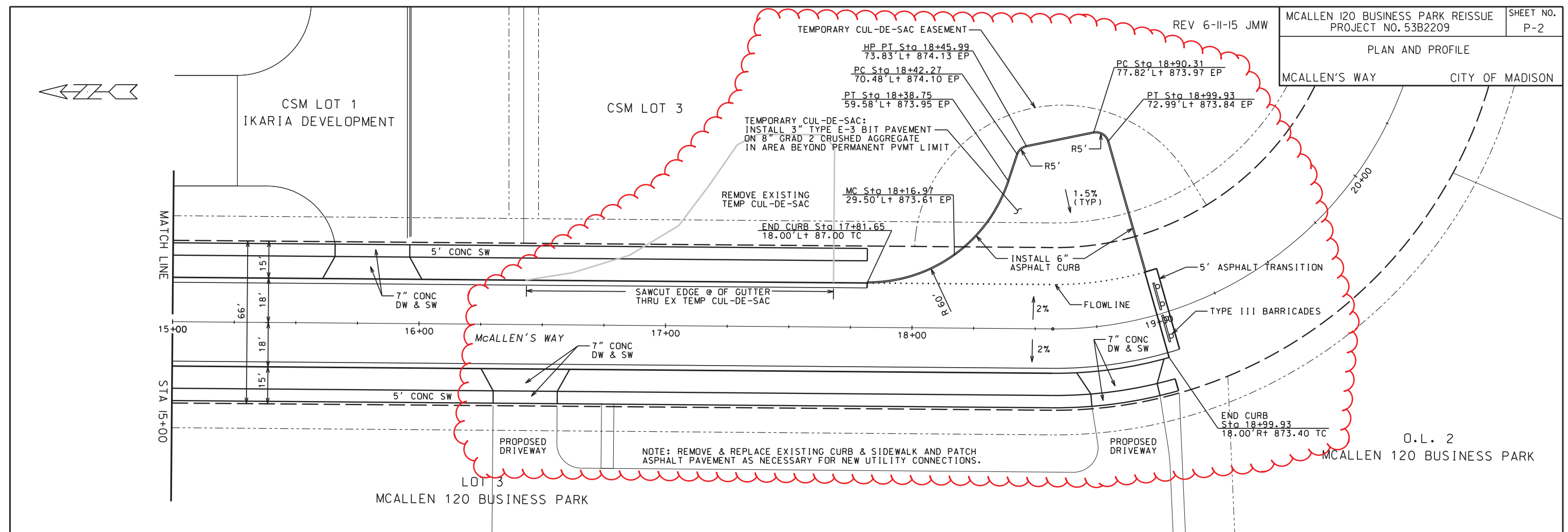


ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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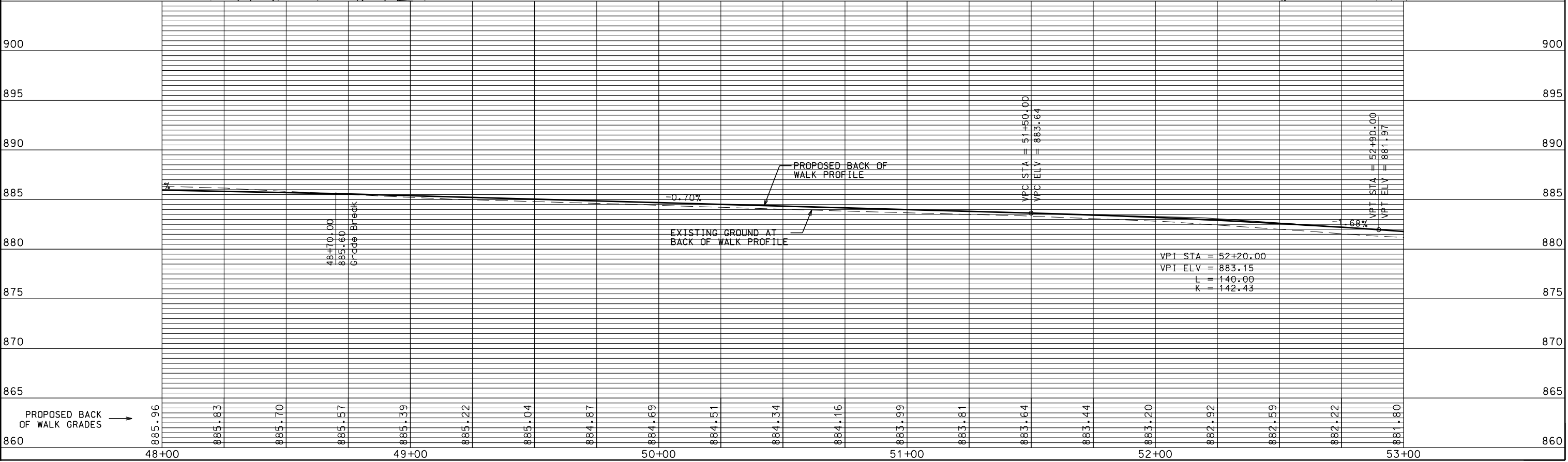
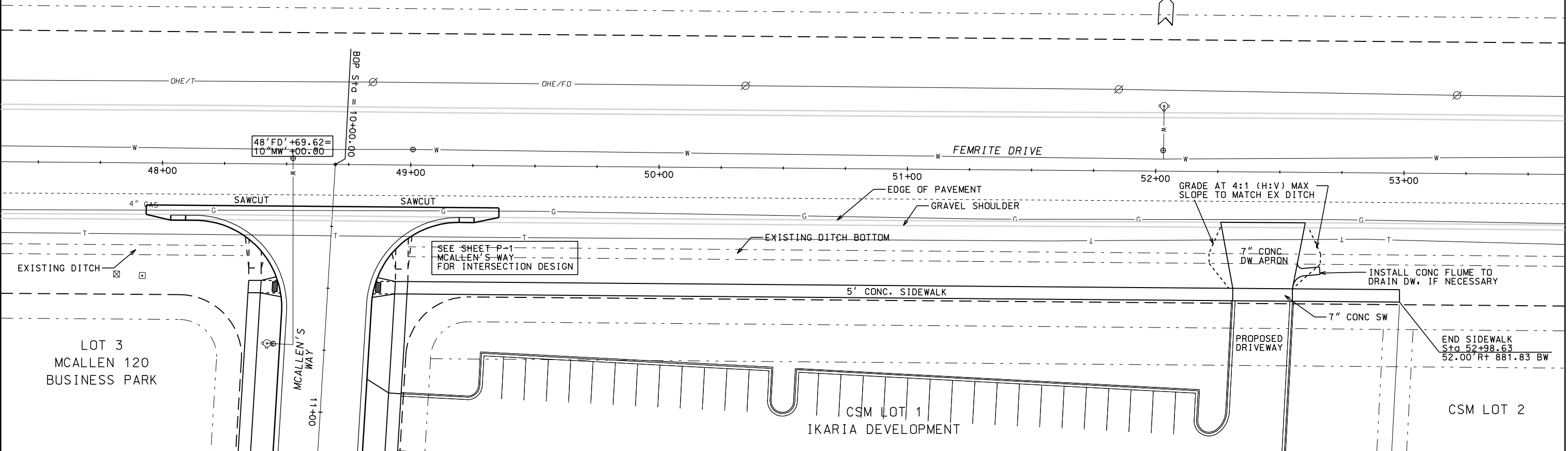
PLAN AND PROFILE

REV 6-II-15 JMW



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

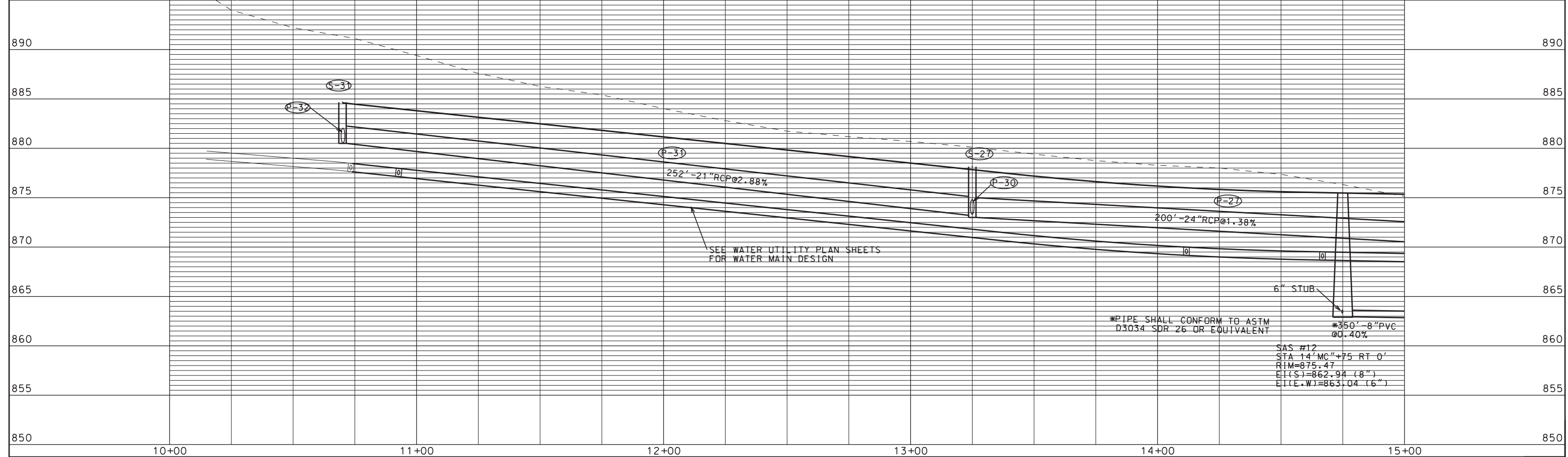
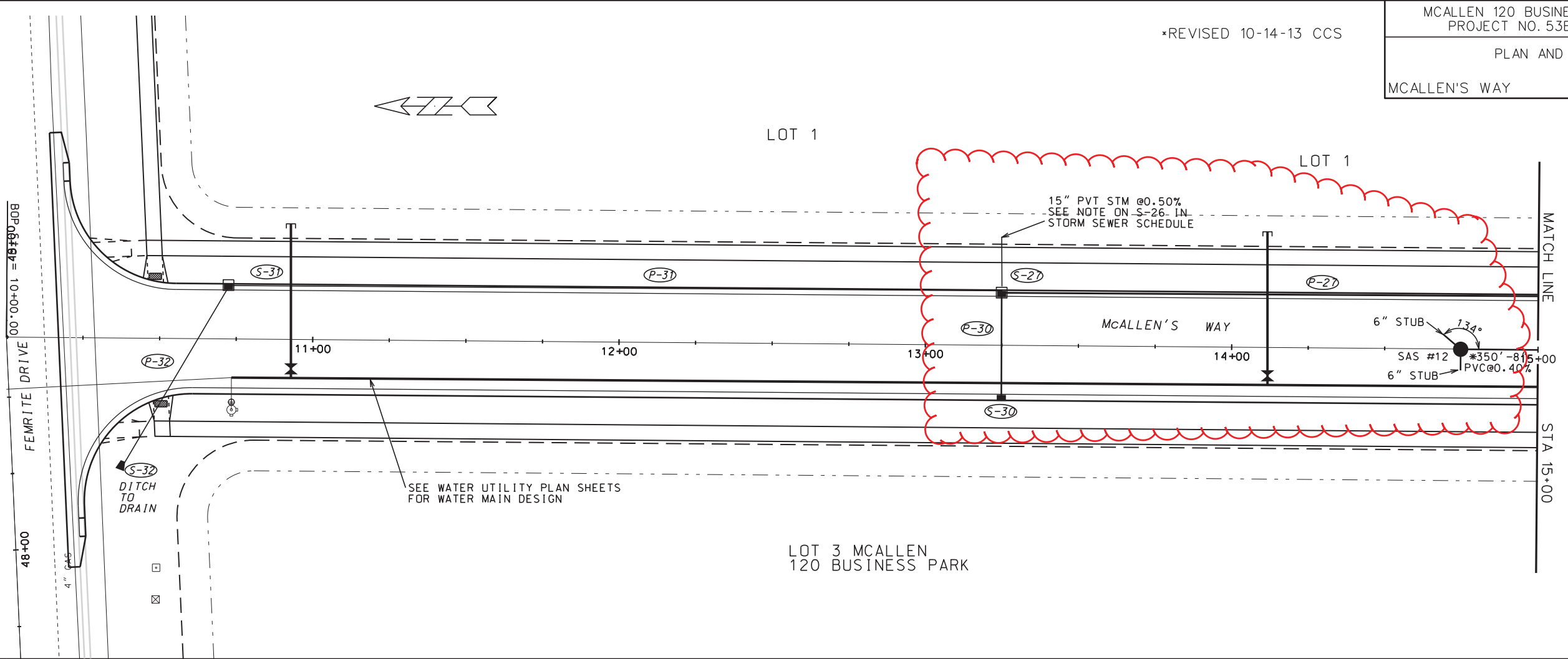
LOT 2
 MCALLEN 120 BUSINESS PARK



ORIGINATOR: CITY OF MADISON, STREETS DIVISION

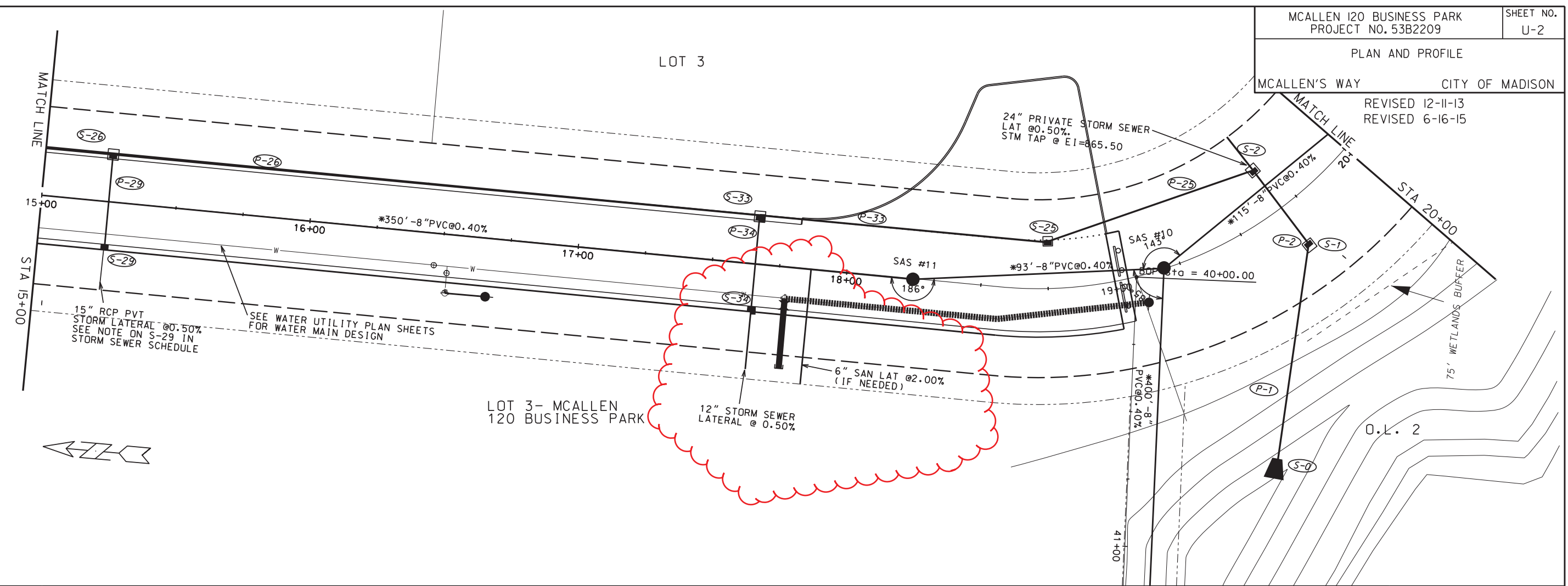
PLOT SCALE: PLOT NAME: REV. DATE:

*REVISED 10-14-13 CCS

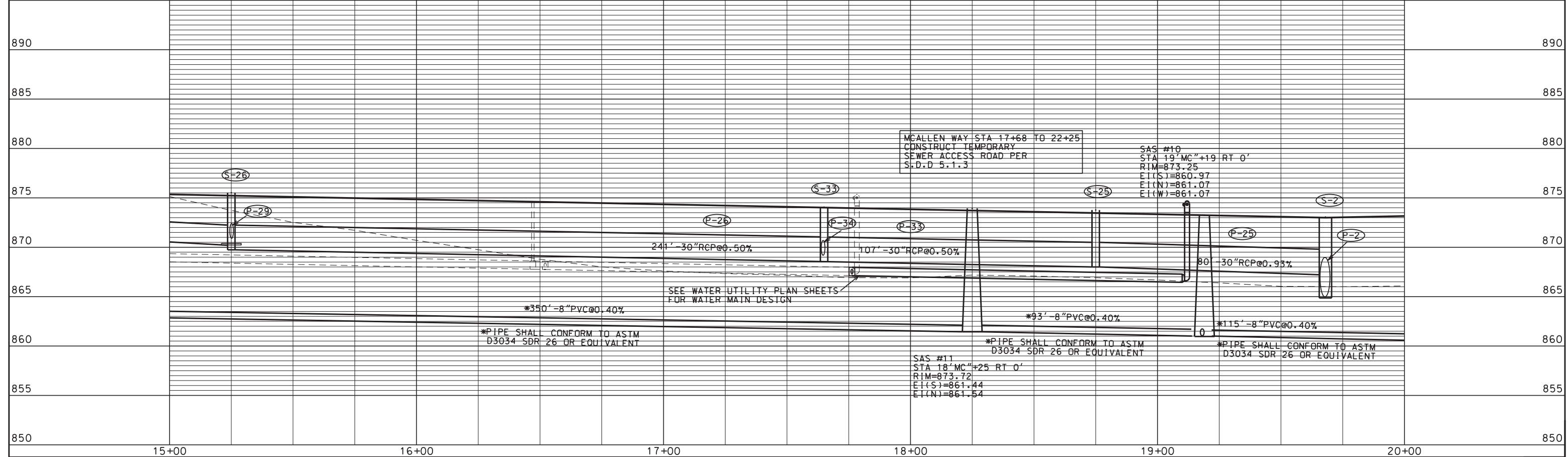


ORIGINATOR: CITY OF MADISON, STREETS DIVISION

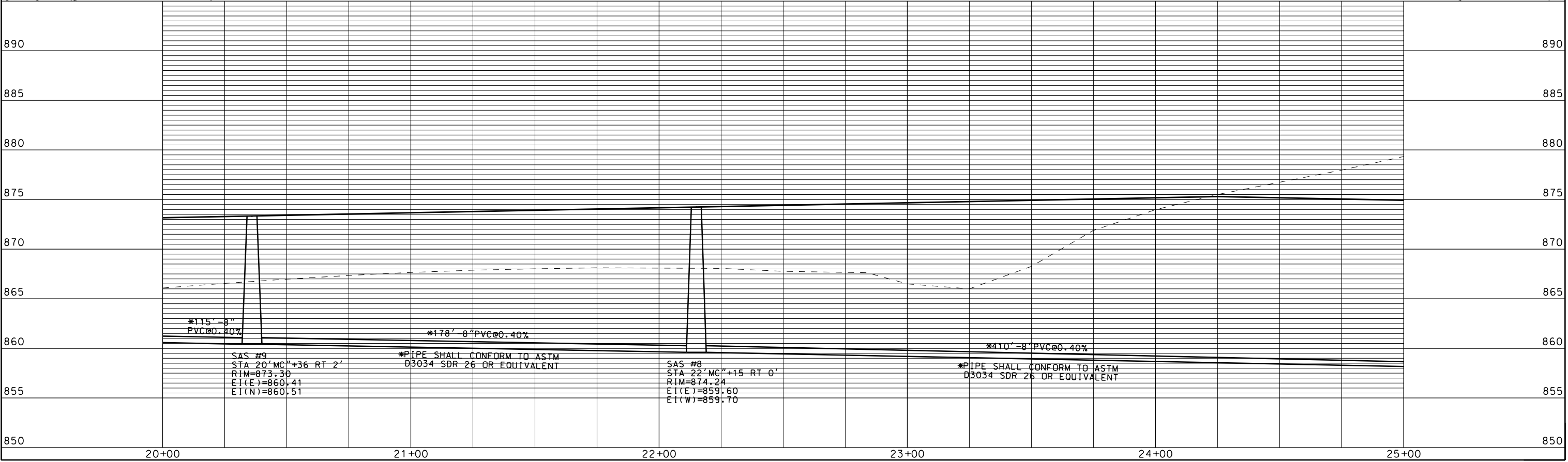
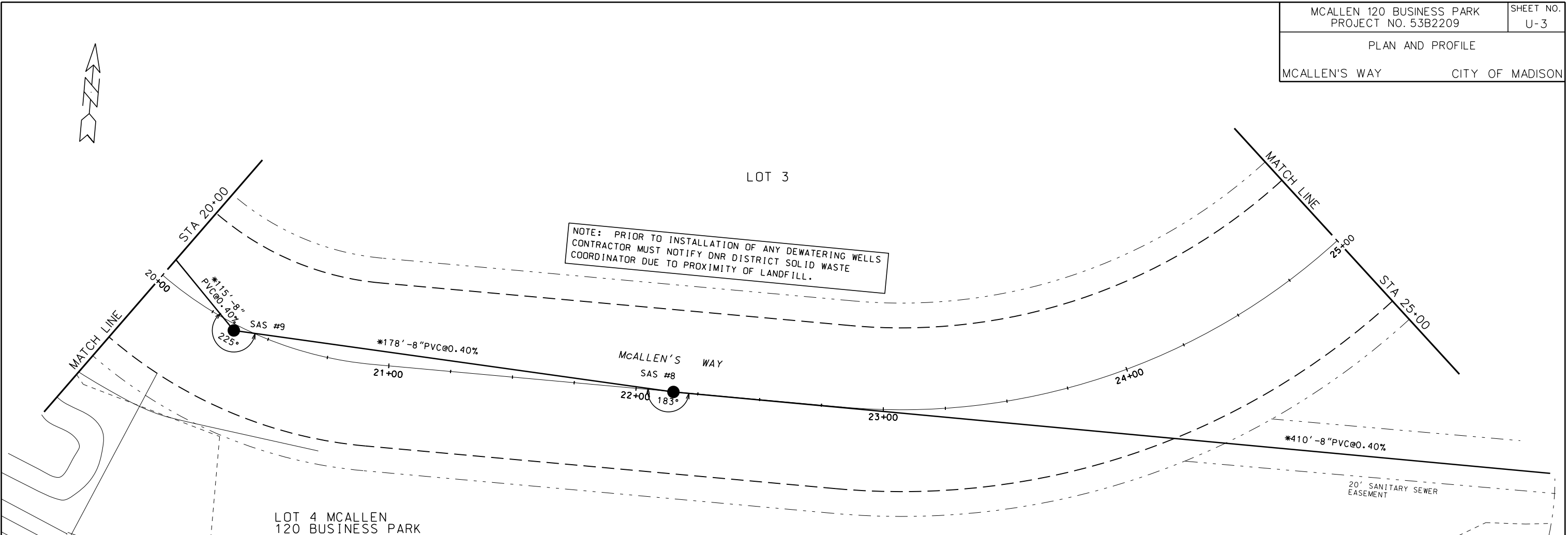
PLOT SCALE: _____ PLOT NAME: _____ REV. DATE: _____



PLOT SCALE: _____
PLOT NAME: _____
REV. DATE: _____

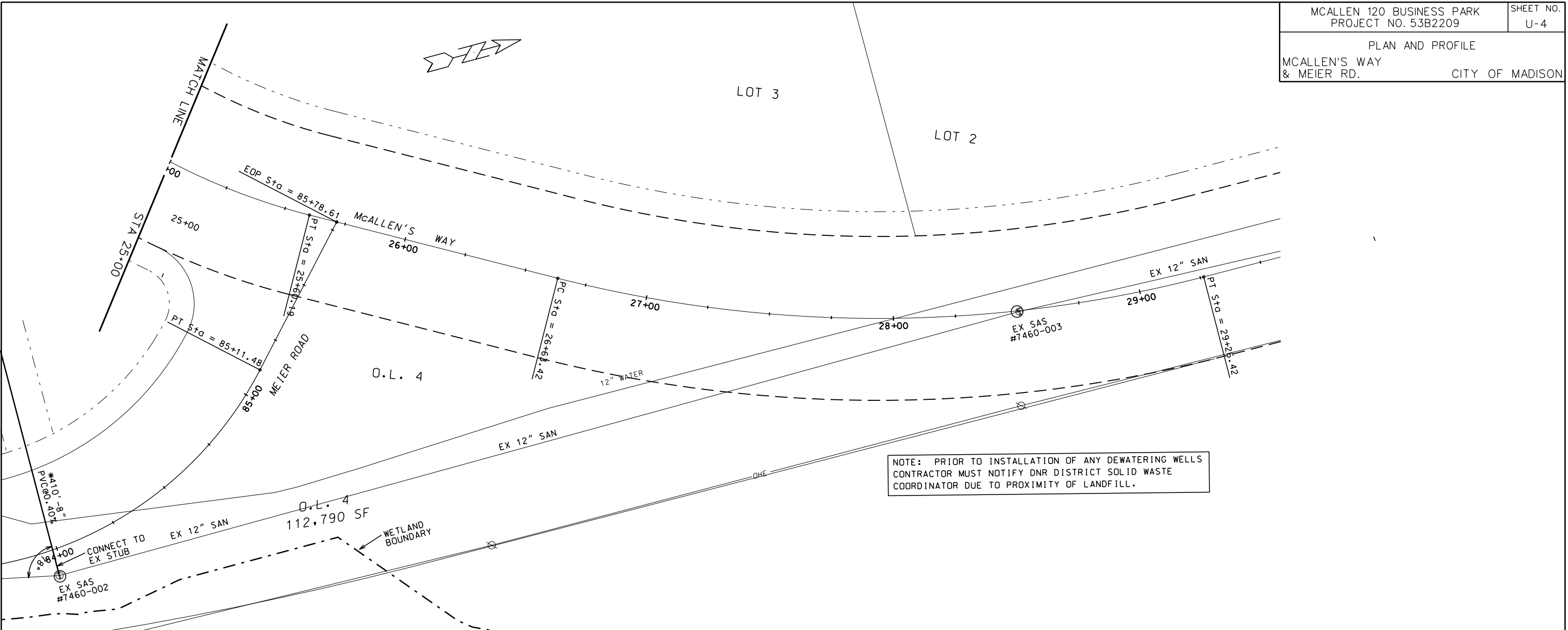


ORIGINATOR: CITY OF MADISON, STREETS DIVISION

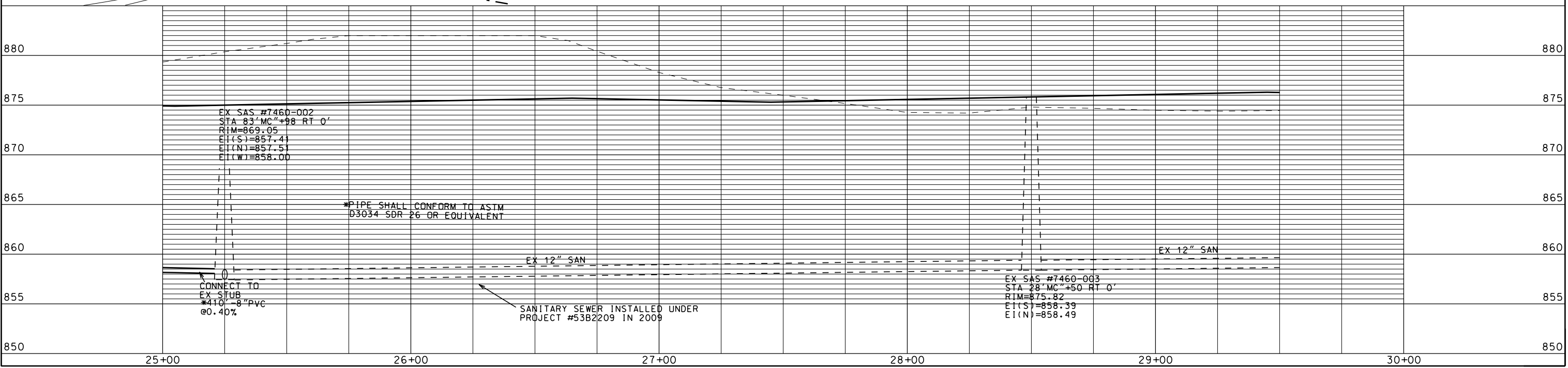


ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____
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 REV. DATE: _____

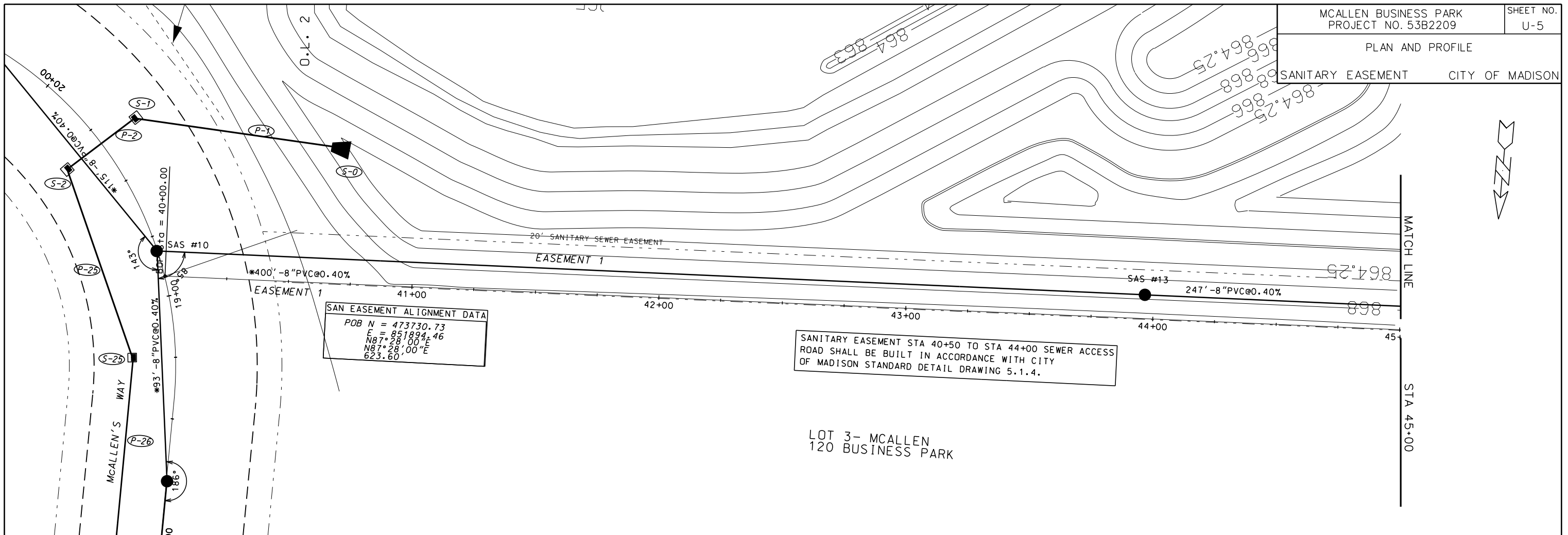


NOTE: PRIOR TO INSTALLATION OF ANY DEWATERING WELLS CONTRACTOR MUST NOTIFY DNR DISTRICT SOLID WASTE COORDINATOR DUE TO PROXIMITY OF LANDFILL.



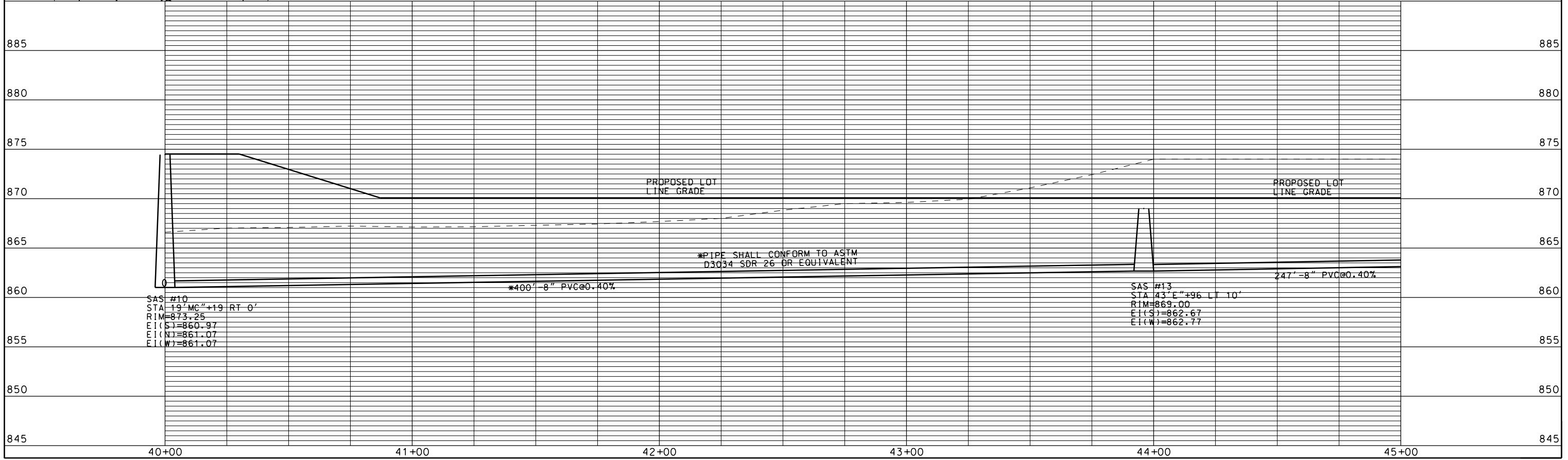
REV. DATE: _____ PLOT NAME: _____ PLOT SCALE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



SAN EASEMENT ALIGNMENT DATA
 POB N = 473730.73
 E = 851894.46
 N87°28'00"E
 N87°28'00"E
 623.60

SANITARY EASEMENT STA 40+50 TO STA 44+00 SEWER ACCESS ROAD SHALL BE BUILT IN ACCORDANCE WITH CITY OF MADISON STANDARD DETAIL DRAWING 5.1.4.



SAS #10
 STA 19' MC" +19 RT 0'
 RIM=873.25
 EI(S)=860.97
 EI(N)=861.07
 EI(W)=861.07

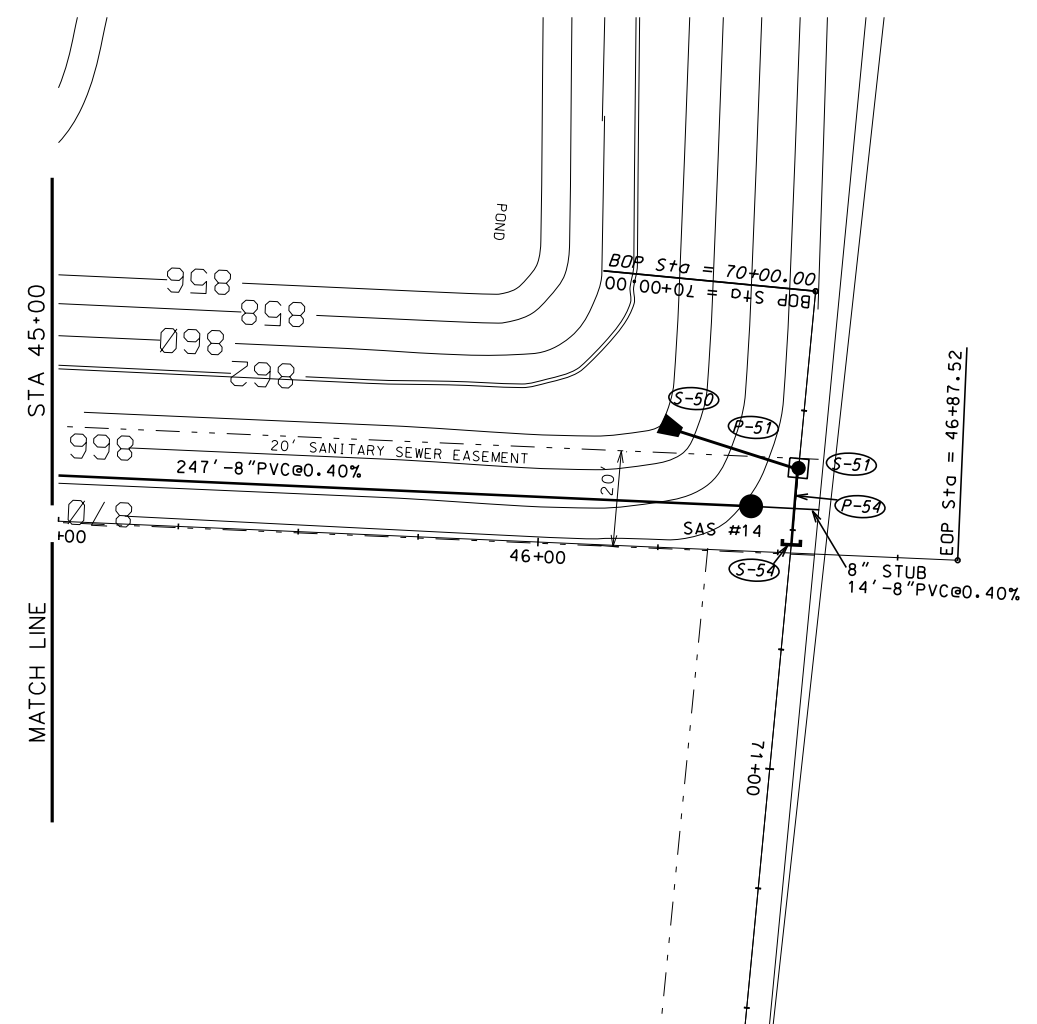
SAS #13
 STA 43' E" +96 LT 10'
 RIM=869.00
 EI(S)=862.67
 EI(W)=862.77

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

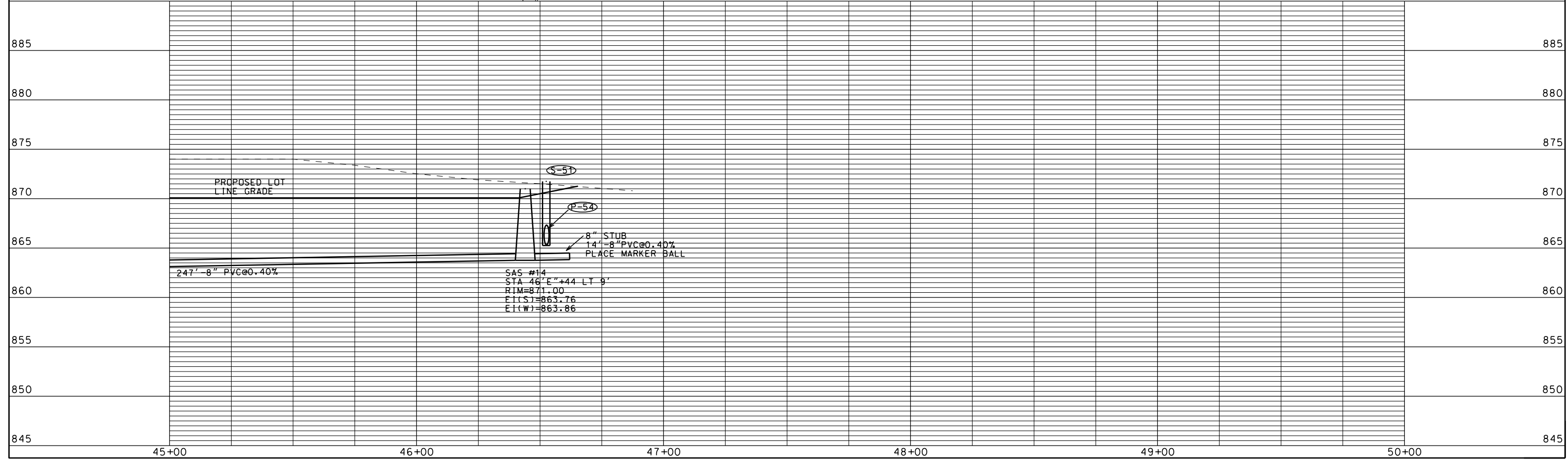
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____



STORM SEWER ALIGNMENT DATA
 POB N = 473647.32
 E = 851241.97
 N 00°29'31" E
 962.26 FT



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

LOT 2 MCALLEN 120
 BUSINESS PARK

LOT 2

FEMRITE DRIVE

FEMRITE DRIVE

GRAVEL

52+00

53+00

54+00

55+00

56+00

57+00

36+00

35+00

00

S-35

P-36

S-36

45' - 15" RCP @ 1.78%

895
890
885
880
875
870
865
860
855

895
890
885
880
875
870
865
860
855

52+00

53+00

54+00

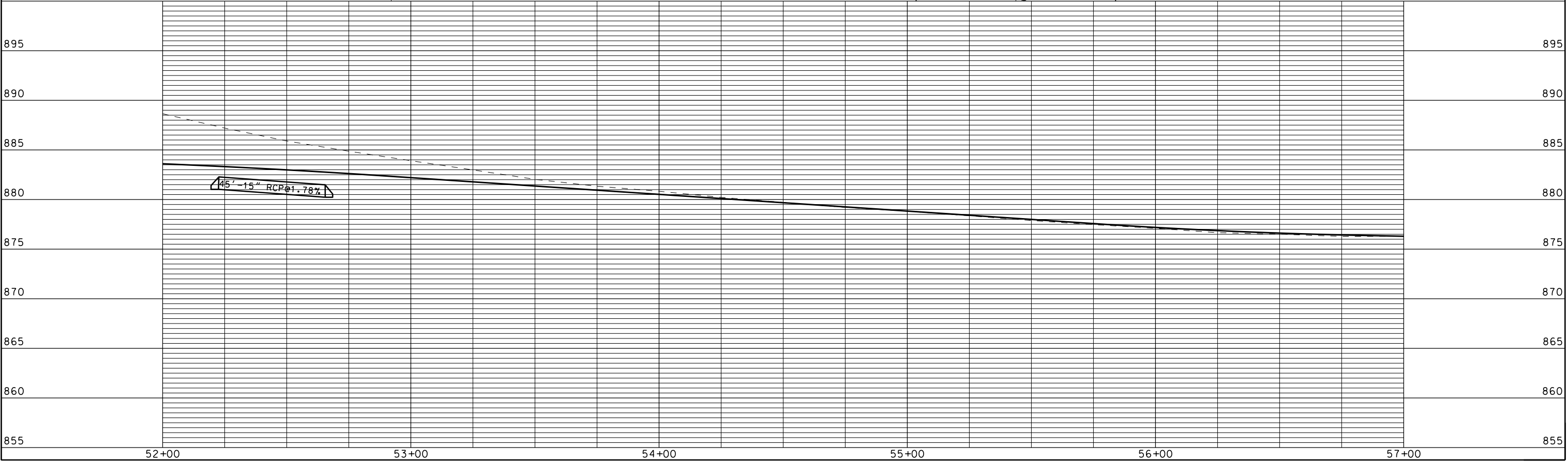
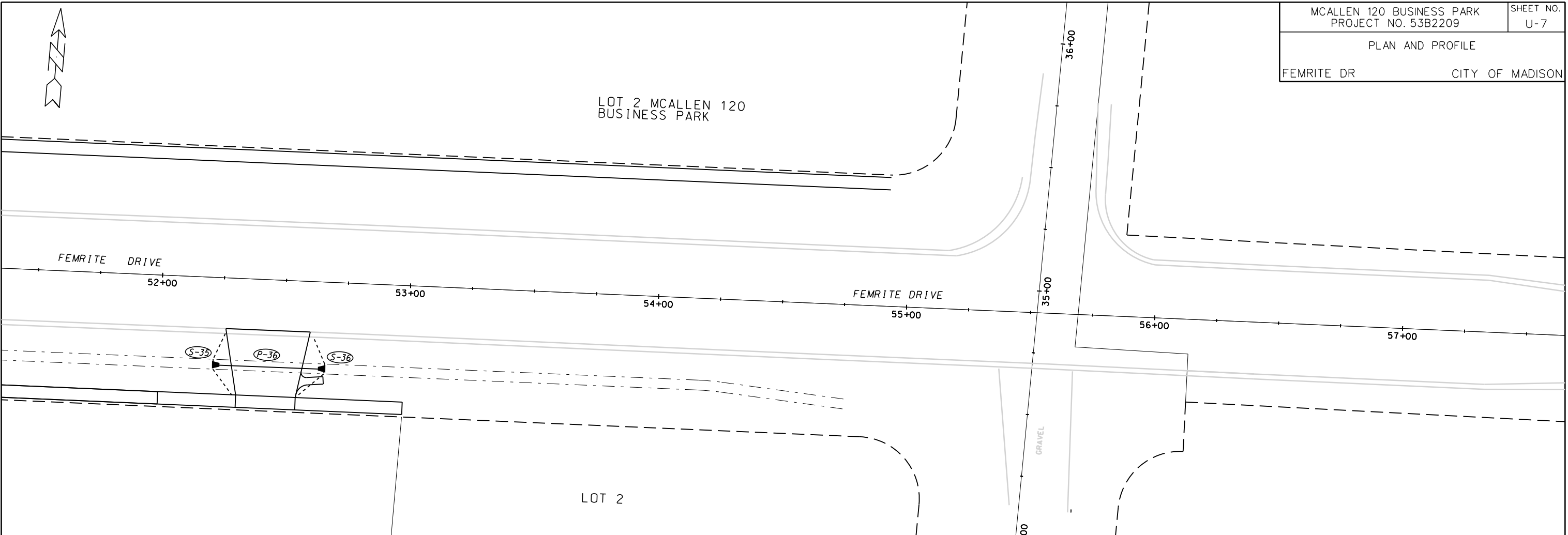
55+00

56+00

57+00

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: _____
 PLOT NAME: _____
 REV. DATE: _____



SANITARY SEWER SCHEDULE

ALIGNMENT CODES:

"M"=MCALLEN'S WAY
 "E"=SANITARY SEWER EASEMENT

MCALLEN BUSINESS PARK
 PROJECT NO. 53B2209

SHEET NO.
 U-8

SANITARY SEWER SCHEDULE CITY OF MADISON

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
SAS #8	22'M'+15.00	RT-0'	874.24	859.60	14.64	
SAS #9	20'M'+36.00	RT-2.00	873.30	860.41	12.89	
SAS #10	19'M'+19.00	RT-0'	873.25	860.97	12.28	
SAS #11	18'M'+25.00	RT-0'	873.72	861.44	12.28	
SAS #12	14'M'+75.00	RT-0'	875.47	862.94	12.53	
SAS #13	43'E'+96.00	LT-10.00	869.00	862.67	6.33	
SAS #14	46'E'+44.00	LT-9.00	871.00	863.76	7.24	

PROPOSED SANITARY PIPES

FROM SAS (DNSTM)	TO SAS (UPSTM)	LGTH (FT)	E.I. DOWNSTREAM	E.I. UPSTREAM	SLOPE (%)	SIZE (DIA)	TYPE	NOTES
7460-002	SAS #8	410	858.00	859.60	0.40%	8"	PVC SDR 26	
SAS #8	SAS #9	178	859.70	860.41	0.40%	8"	PVC SDR 26	
SAS #9	SAS #10	115	860.51	860.97	0.40%	8"	PVC SDR 26	
SAS #10	SAS #11	93	861.07	861.44	0.40%	8"	PVC SDR 26	
SAS #11	SAS #12	350	861.54	862.94	0.40%	8"	PVC SDR 26	
SAS #10	SAS #13	400	861.07	862.67	0.40%	8"	PVC SDR 26	
SAS #13	SAS #14	247	862.77	863.76	0.40%	8"	PVC SDR 35	
SAS #14	STUB	14	863.86	863.92	0.40%	8"	PVC SDR 35	

PLOT SCALE: ---

PLOT NAME: ---

REV. DATE: ---

ORIGINATOR: CITY OF MADISON STREETS DIVISION

STORM SEWER SCHEDULE

ALIGNMENT CODES:

"MC"=MCALLEN WAY
 "ME"=MEIER RD
 "F"=FEMRITE DR
 "E"= SANITARY EASEMENT
 "ES"= STORM EASEMENT

* REVISED 10-14-13 CCS

** REVISED 6-17-15 CCS

MCALLEN 120 BUSINESS PARK

PROJECT NO. 532209

SHEET NO.

U-9

STORM SEWER SCHEDULE

CITY OF MADISON

STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-0	19'MC'+28.00	RT-87.00	48" APRON END	---	864.25	---	W/GATE
S-1	19'MC'+68.00	RT-17.50	5X5 SAS	873.06	864.69	8.37	LP; W/3067-7004
S-2	19'MC'+68.00	LT-17.50	5X5 SAS	873.06	864.87	8.19	LP; W/3067-7004; (5)
** S-25	18'MC'+75.00	LT-17.50	4X4 SAS	873.53	868.00	5.53	W/DW CASTING
S-26	15'MC'+25.00	LT-17.50	4X4 SAS	875.28	869.74	5.54	LP; FP; W/3067-7004; (1)
* S-27	13'MC'+25.00	LT-17.50	3X3 SAS	877.90	873.00	4.90	W/3067-7004-V; (4)
* S-29	15'MC'+25.00	RT-17.50	H INLET	875.28	871.00	4.28	LP; W/3067-7004
S-30	13'MC'+25.00	RT-17.50	H INLET	877.90	873.50	4.40	W/3067-7004-V
S-31	10'MC'+70.00	LT-17.50	3X3 SAS	884.66	880.50	4.16	W/3067-7004-V
* S-32	10'MC'+36.00	RT-43.00	18" AE	---	884.40	---	
** S-33	17'MC'+65.00	LT-17.50	4X4 SAS	873.56	868.54	5.02	W/3067-7004-V
** S-34	17'MC'+65.00	RT-17.50	H INLET	873.56	870.40	3.16	W/3067-7004-V
S-35	52'MC'+21.00	RT-35.00	15" RCP AE	---	881.03	---	END OF APRON STATIONED
S-36	52'MC'+67.00	RT-35.00	15" RCP AE	---	880.23	---	END OF APRON STATIONED
S-50	70'ES'+31.00	RT-29.00	24" RCP AE	---	863.25	---	W/GATE; (3)
S-51	70'ES'+37.00	RT-0	4X4 SAS	871.75	865.26	6.49	W/R-1550-0054
S-54	46'E'+52.50	LT-1.00	PIPE PLUG	---	865.32	---	PLACE MARKER BALL

PIPES

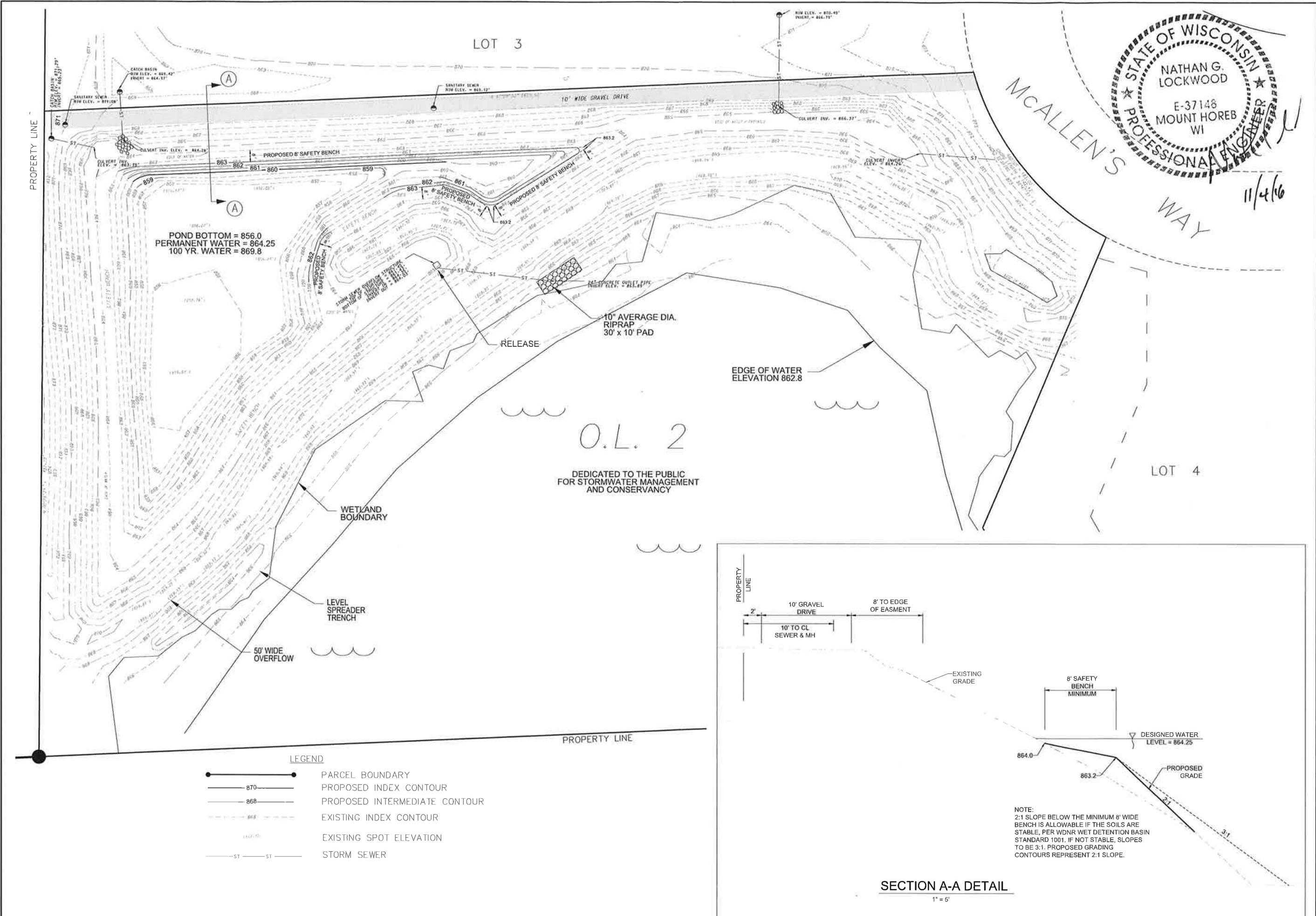
PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-1	S-0	S-1	88	864.25	864.69	0.50%	48"	RCP	
P-2	S-1	S-2	35	864.69	864.87	0.51%	48"	RCP	
P-25	S-2	S-25	80	867.26	868.00	0.93%	30"	RCP	NCM
P-26	S-33	S-26	241	868.54	869.74	0.50%	30"	RCP	
P-27	S-26	S-27	200	870.24	873.00	1.38%	24"	RCP	
P-29	S-26	S-29	35	870.74	871.00	0.74%	18"	RCP	NCM
P-30	S-27	S-30	35	873.00	873.50	1.43%	18"	RCP	
P-31	S-27	S-31	252	873.25	880.50	2.88%	21"	RCP	
P-32	S-31	S-32	69	880.50	884.40	5.65%	18"	RCP	
P-33	S-25	S-33	107	868.00	868.54	0.50%	30"	RCP	
P-34	S-33	S-34	35	870.14	870.40	0.74%	12"	RCP	NCM
P-36	S-36	S-35	45	880.23	881.03	1.78%	15"	RCP	
P-51	S-50	S-51	29	863.25	865.26	6.93%	24"	STORM PIPE	
P-54	S-51	S-54	16	865.26	865.32	0.40%	24"	STORM PIPE	

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 FOR SAS's.
- 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 (608)264-9275.

SPECIFIC NOTES

- (1) PROVIDE 15" PVT STM EI=870.99
- (2) PROVIDE BOX OUT FOR 18" RCP @ EI=868.50
- (3) CONCRETE COLLAR REQUIRED FOR CONNECTION OF PLASTIC PIPE TO RCP AE
- (4) PROVIDE 15" PVT STM EI=873.00
- (5) PROVIDE BOX OUT FOR FUTURE 36" RCP TO EAST

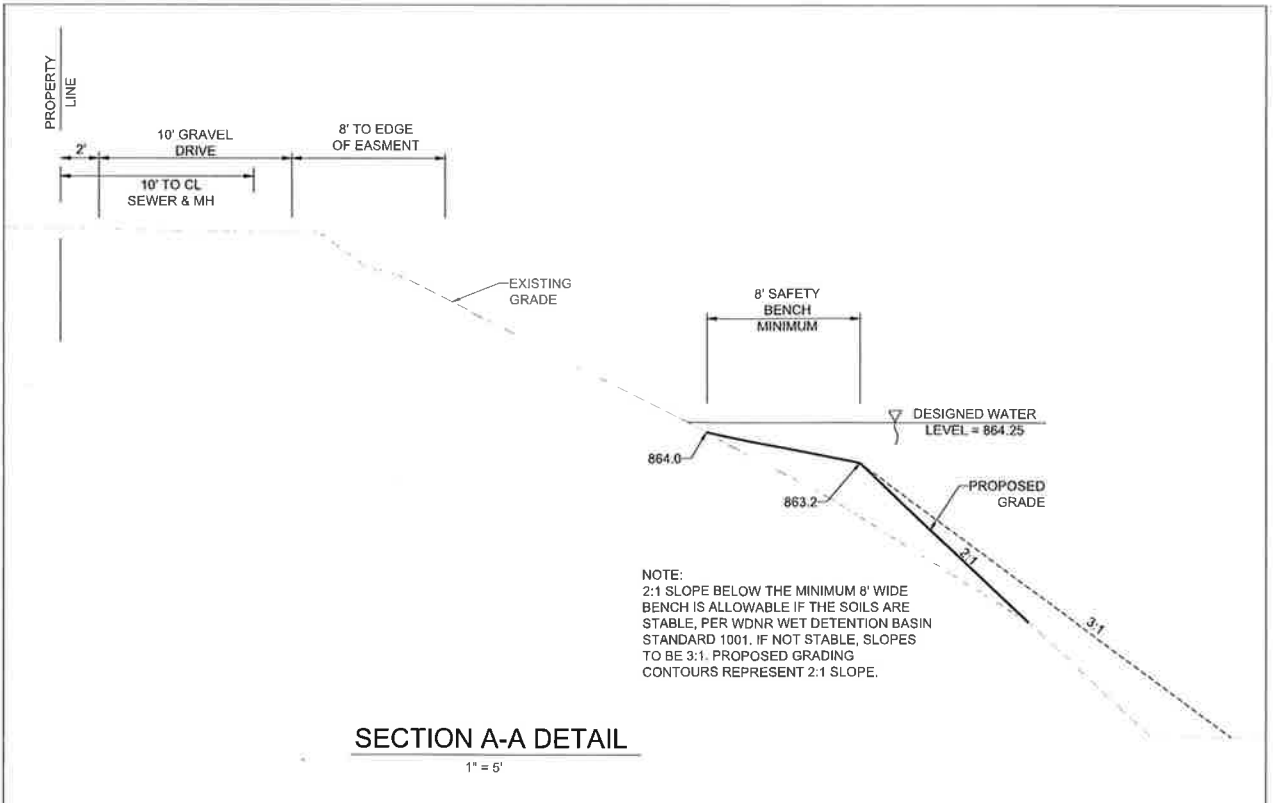


D'ONOFRIO KOTTKE AND ASSOCIATES, INC.
 7530 Westward Way, Madison, WI 53717
 Phone: 608.833.7530 • Fax: 608.833.1089
 YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT

GRADING PLAN
McALLEN 120
 FEMRITE DRIVE
 CITY OF MADISON, DANE COUNTY, WISCONSIN

LEGEND

	PARCEL BOUNDARY
	PROPOSED INDEX CONTOUR
	PROPOSED INTERMEDIATE CONTOUR
	EXISTING INDEX CONTOUR
	EXISTING SPOT ELEVATION
	STORM SEWER



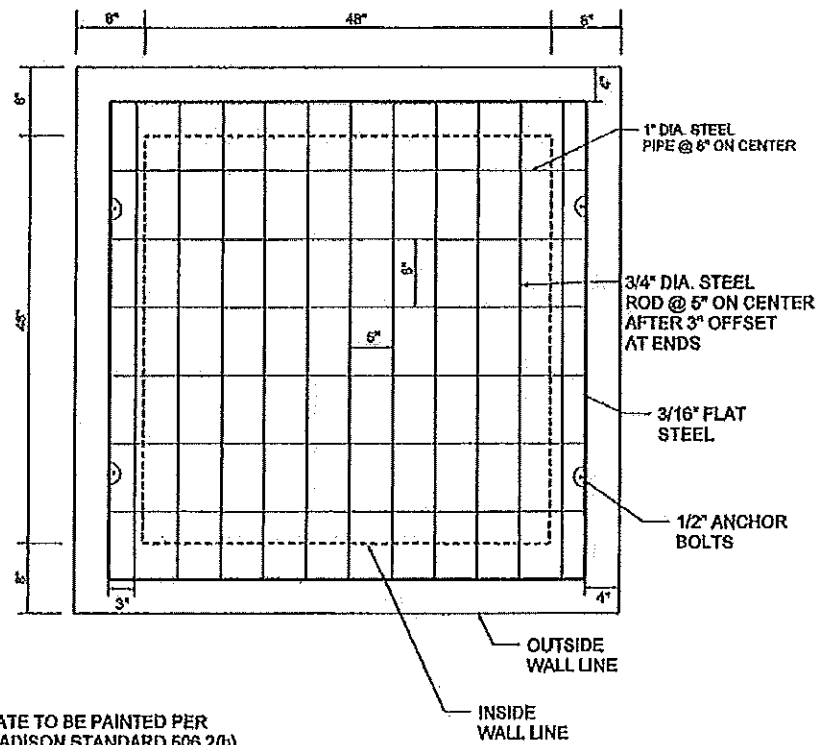
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DATE: 10-19-16
 REVISED: /

DRAWN BY: KRG
 FN: 08-05-117

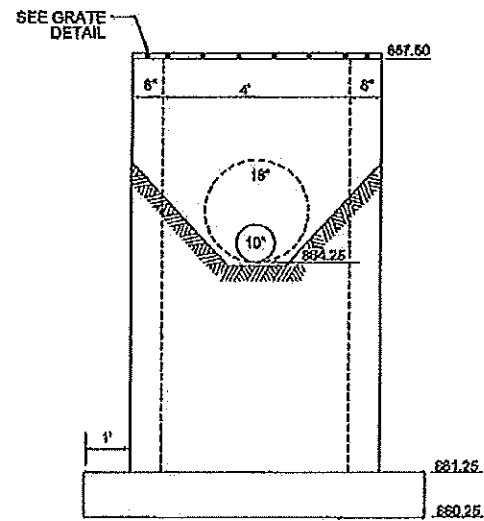
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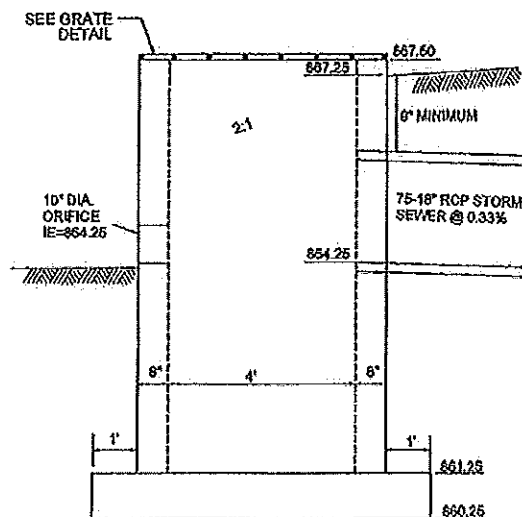


NOTE: GRATE TO BE PAINTED PER CITY OF MADISON STANDARD 506.2(b)

O.L. 2 RELEASE STRUCTURE GRATE
NOT TO SCALE



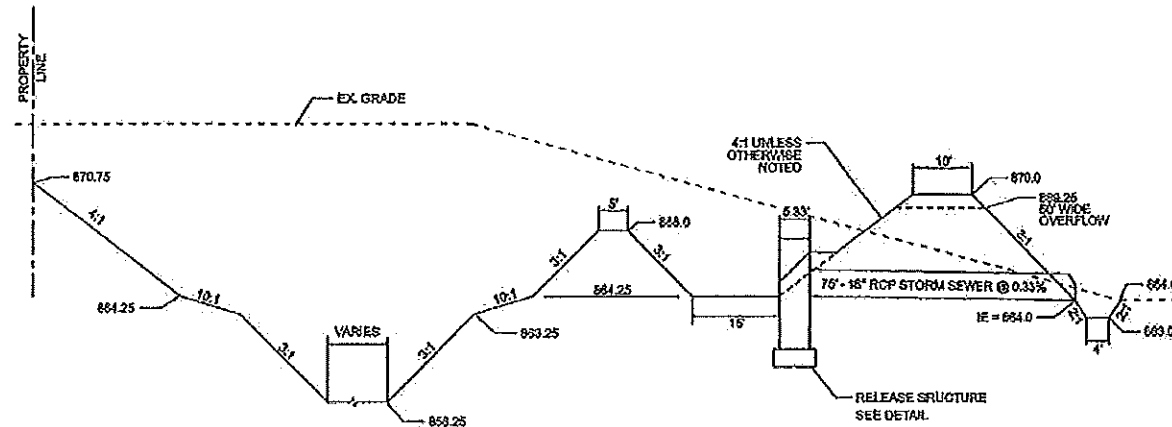
FRONT VIEW



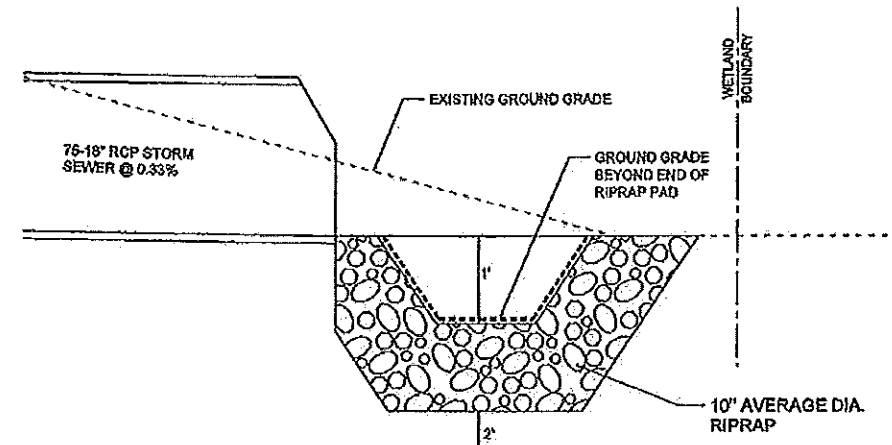
SIDE VIEW

O.L. 2 RELEASE STRUCTURE
NOT TO SCALE

NOTE:
STRUCTURE PER CITY OF MADISON STANDARD SECTION 904
WALL TO BE REINFORCED AND CONSTRUCTED PER CITY OF MADISON STANDARD DETAIL 6.7.3



(A) O.L. 2 POND CROSS SECTION
NOT TO SCALE



(B) LEVEL SPREADER TRENCH CROSS SECTION
NOT TO SCALE



PONDFRLO KOTTKE AND ASSOCIATES, INC.
7530 Weymouth Way, Madison, WI 53717
Phone: 608.355.7350 • Fax: 608.353.1089
YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT

O.L. 2 POND
MCALLEN 120
FEMRITE DRIVE
CITY OF MADISON, WISCONSIN



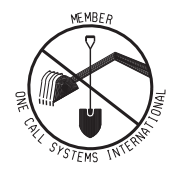
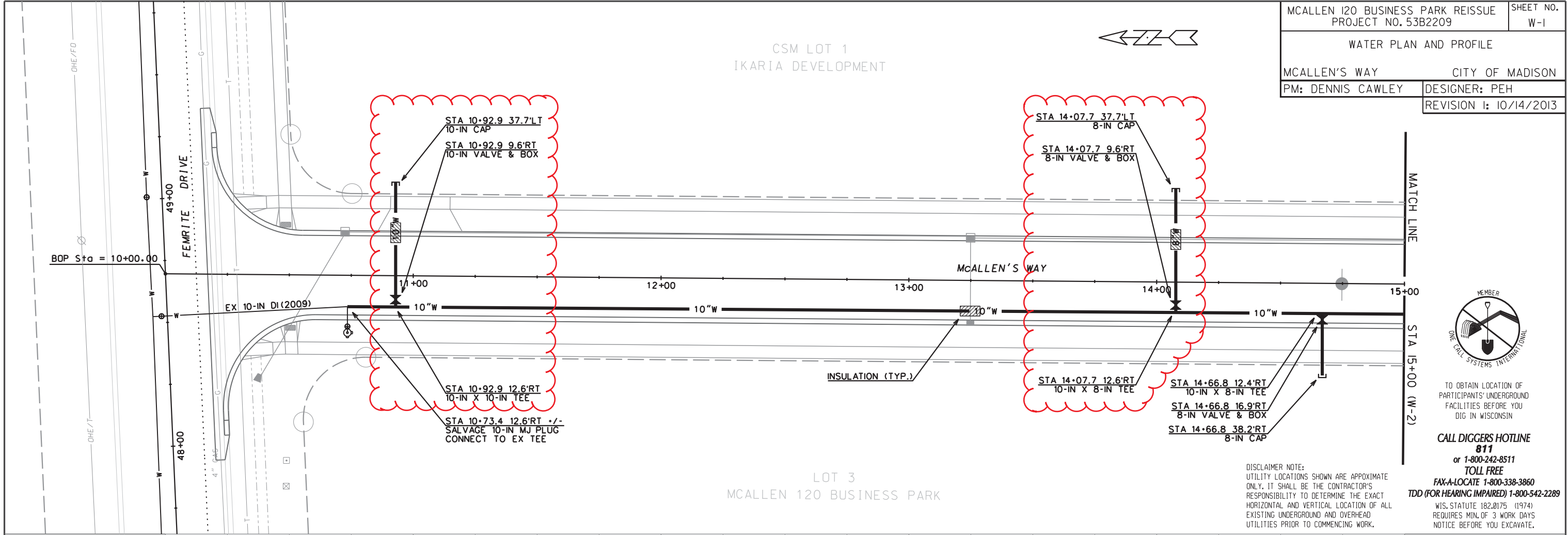
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DATE: 10-12-08
REVISED:
10-27-08

DATE: 08-05-117
Sheet Number:

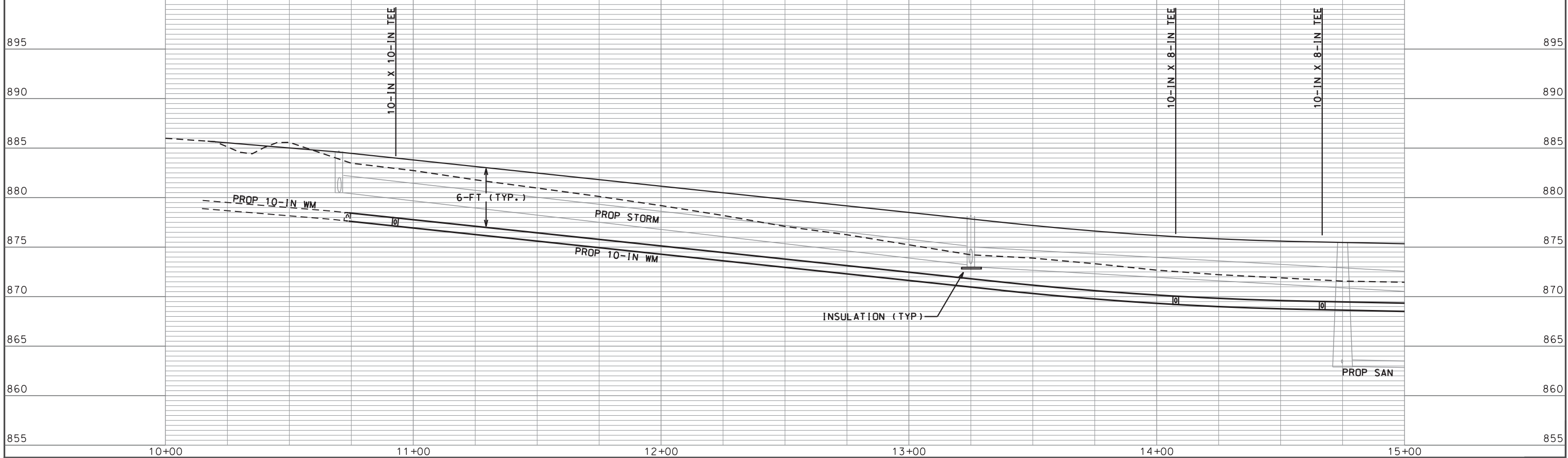
CSM LOT 1
 IKARIA DEVELOPMENT

LOT 3
 MCALLEN 120 BUSINESS PARK



TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN
CALL DIGGERS HOTLINE 811
 or 1-800-242-8511
TOLL FREE
 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.

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.



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

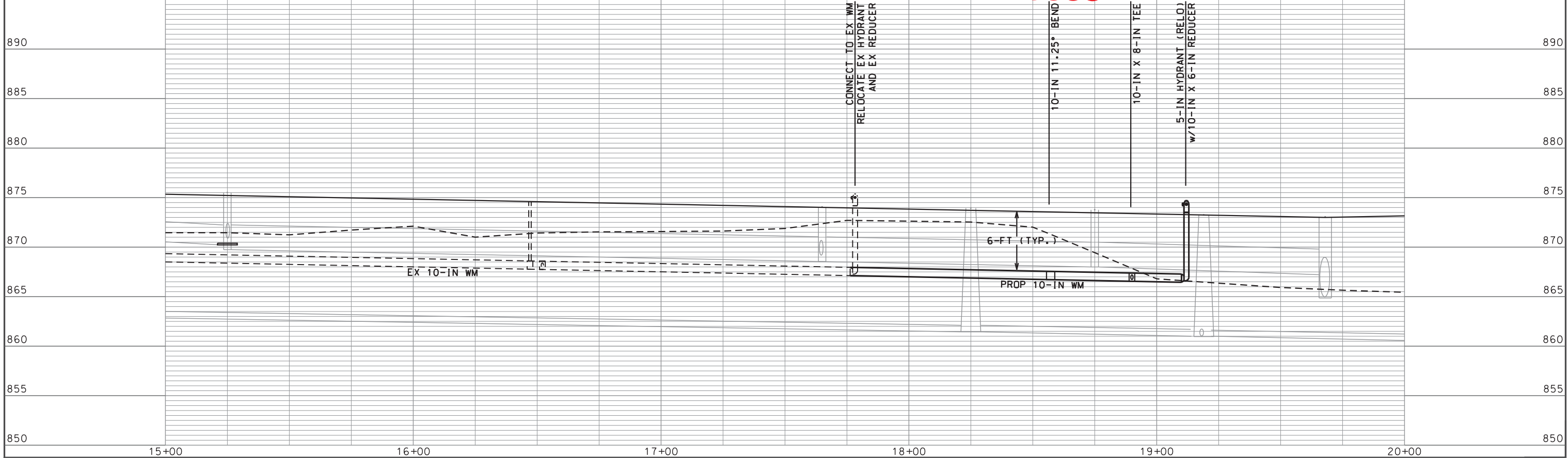
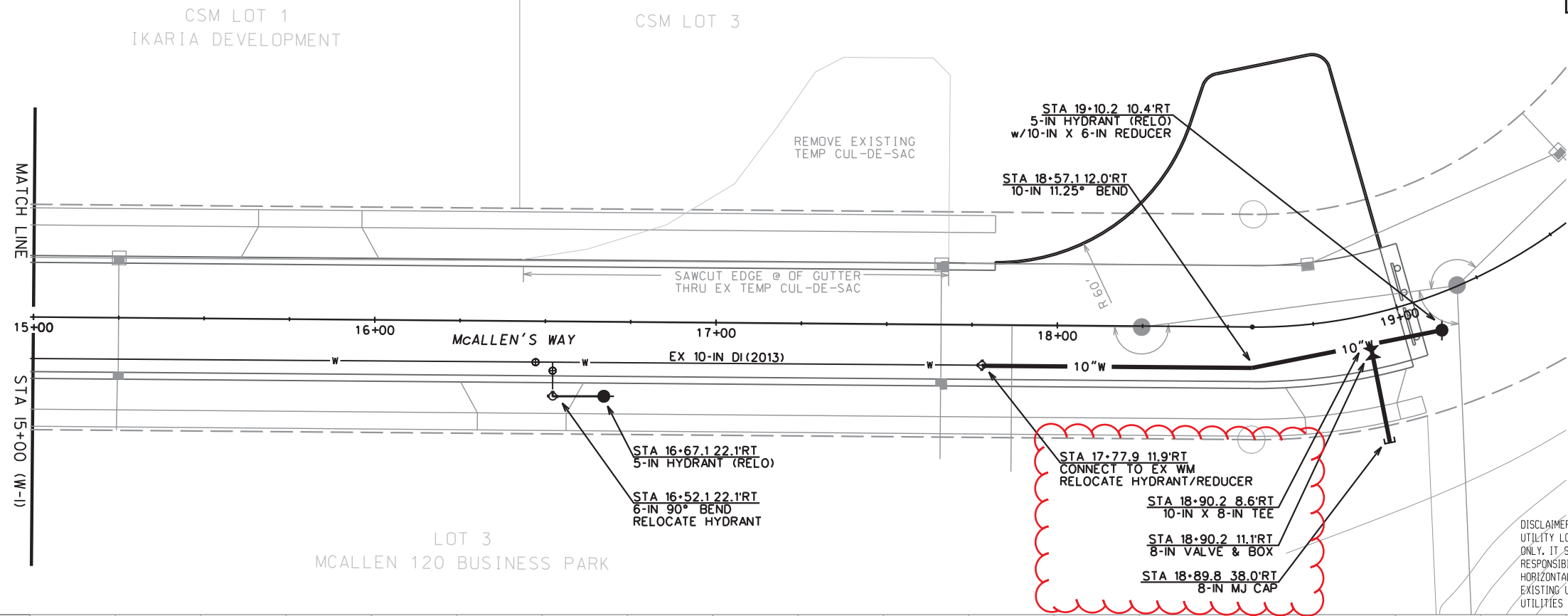


TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

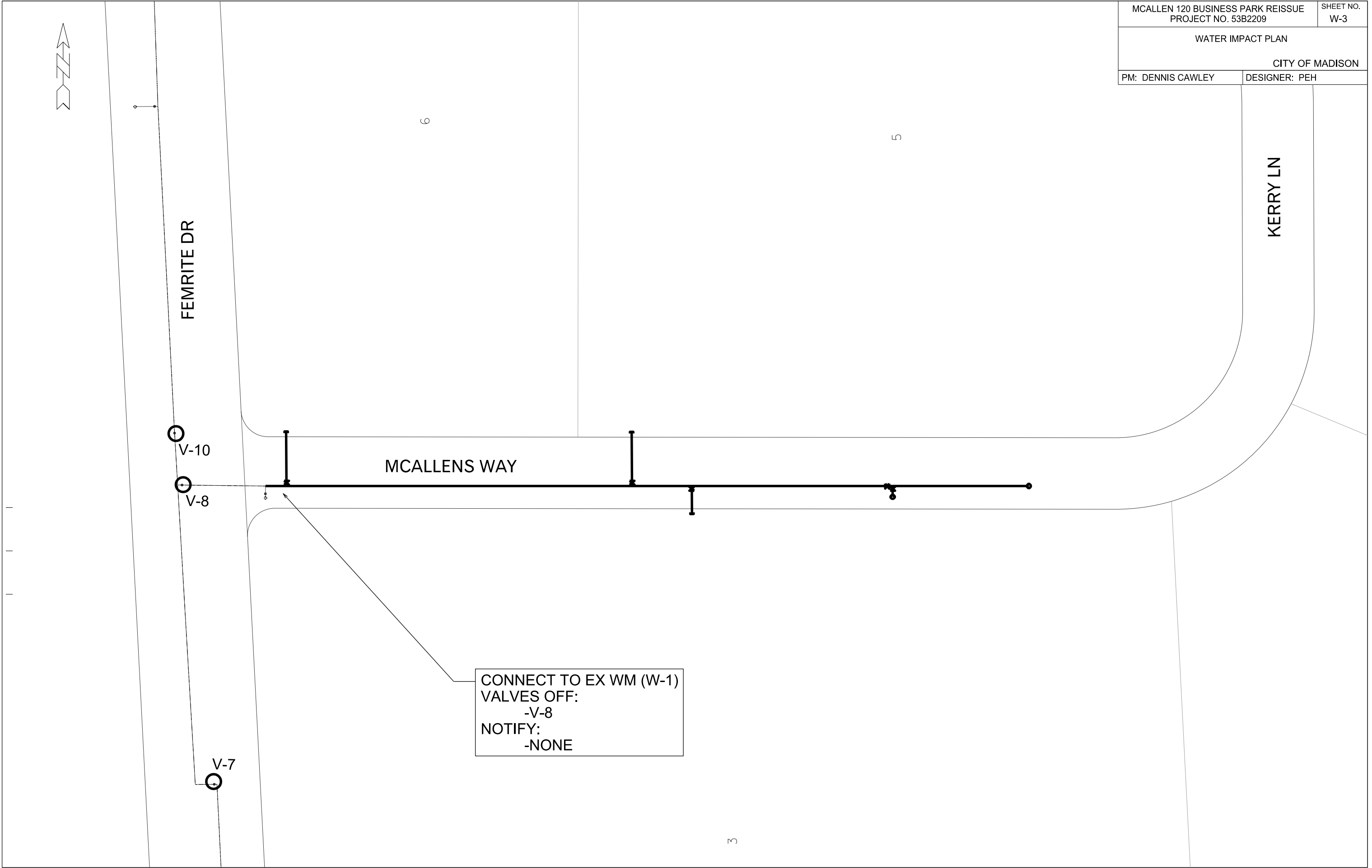
CALL DIGGERS HOTLINE 811
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PLOT SCALE:
 PLOT NAME:
 REV. DATE:
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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

CONSTRUCTION NOTES:

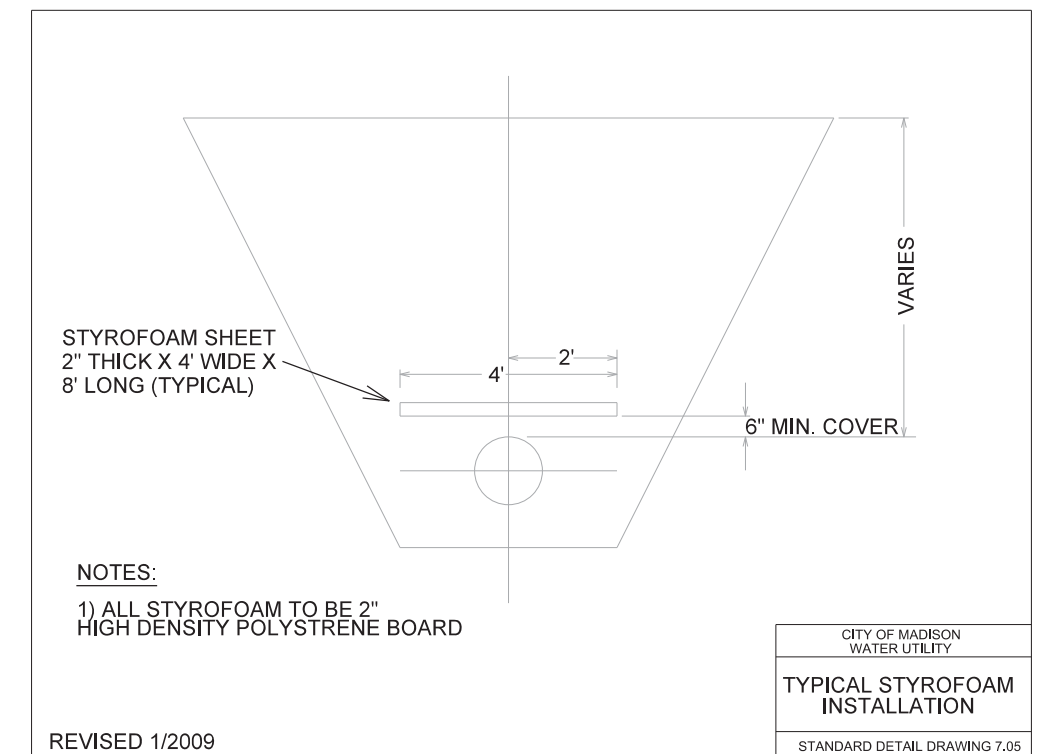
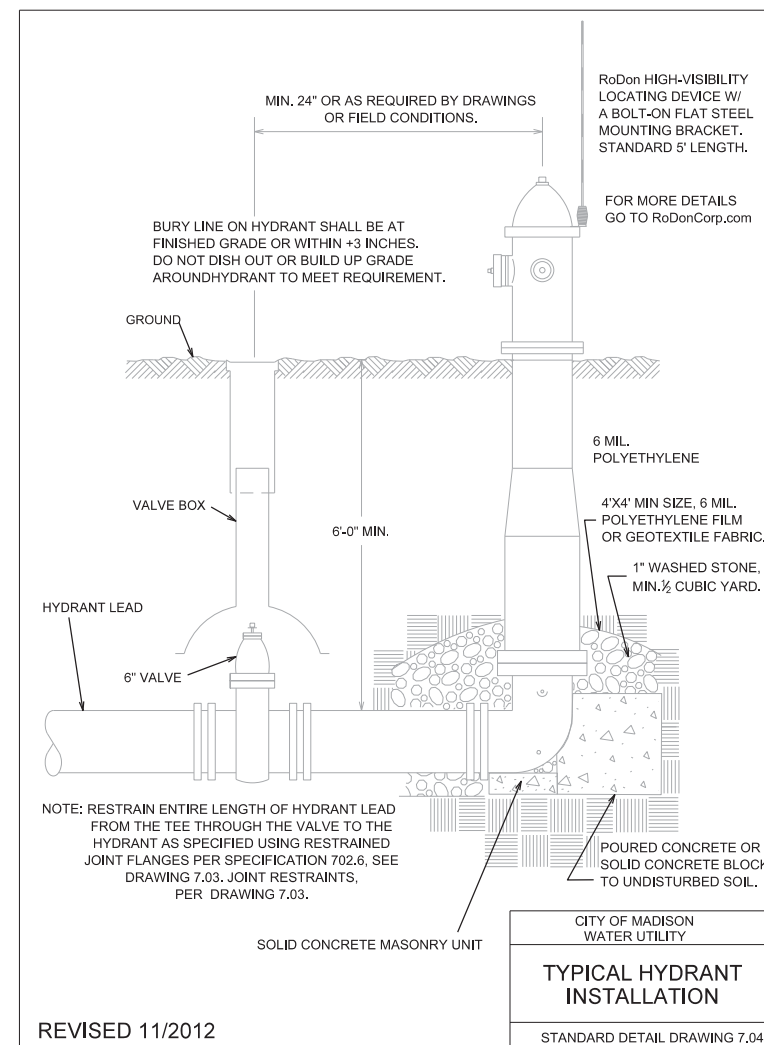
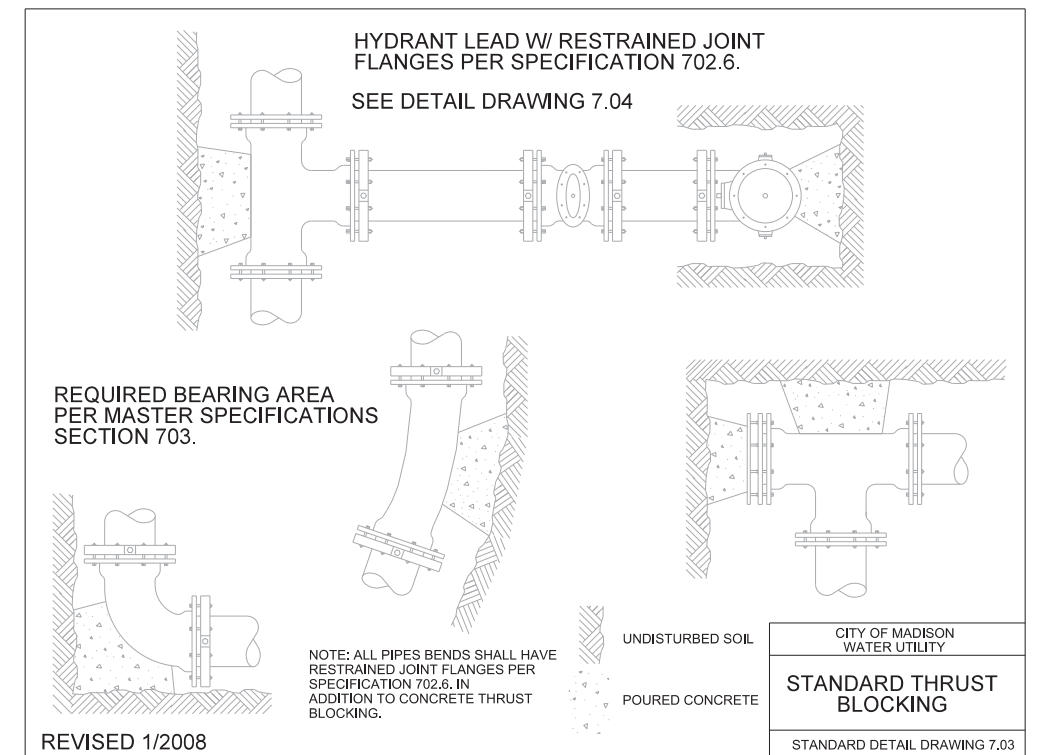
1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
3. MINIMIZE DISTRUPTION 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.*

- 20' - 6" PIPE
- 90' - 8" PIPE
- 770' - 10" PIPE
- 970' - POLYWRAP
- 1 - 6" VALVE & BOX
- 2 - 8" VALVE & BOX
- 2 - 10" VALVE & BOX
- 1 - 10"x6" TEE
- 2 - 10"x8" TEE
- 1 - 10"x10" TEE
- 2 - 8" CAP
- 1 - 10" CAP
- 2 - 5" HYDRANT
- 40' - 2" STYROFOAM INSULATION



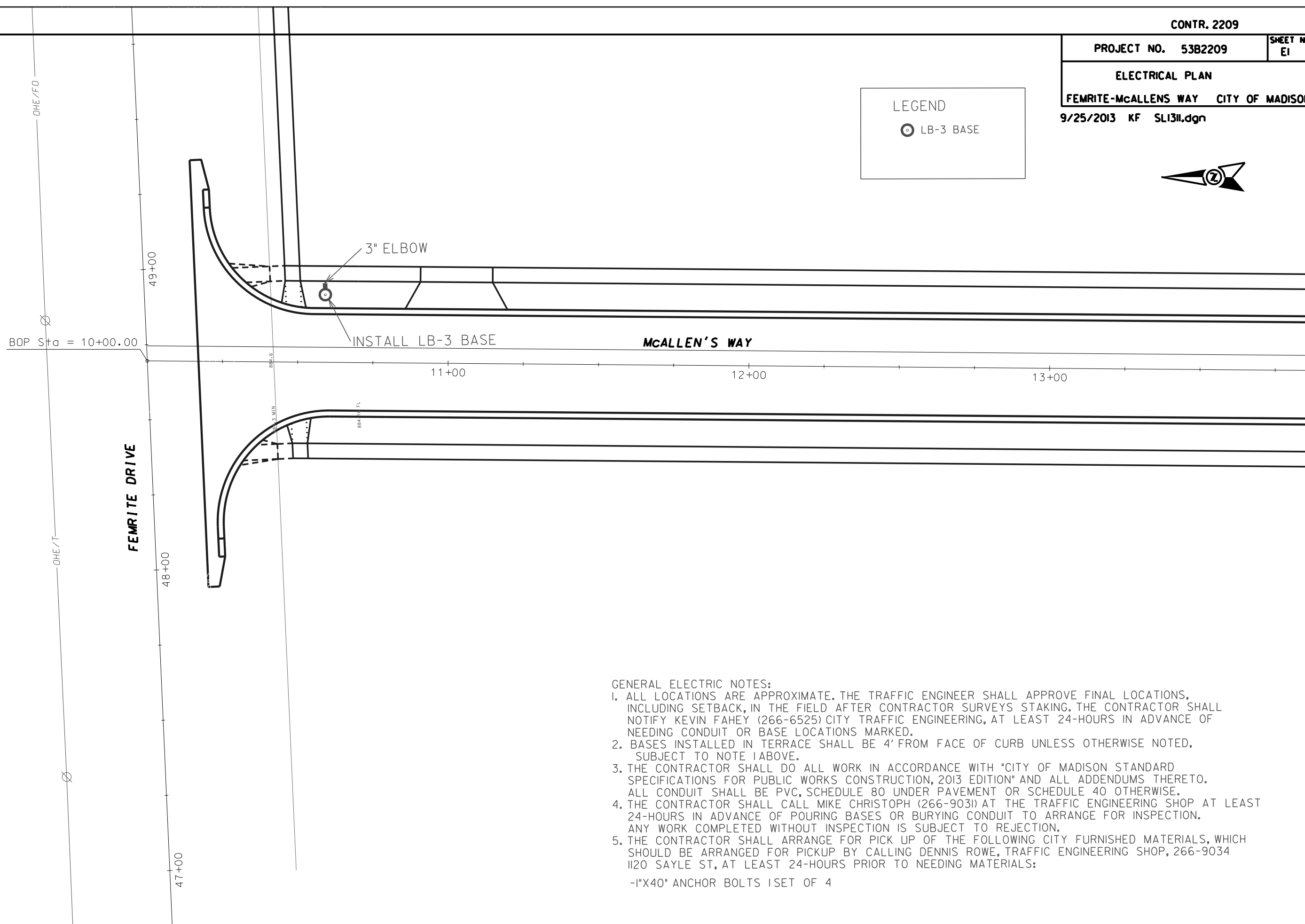
ELECTRICAL PLAN

FEMRITE-McALLENS WAY CITY OF MADISON

9/25/2013 KF SL1311.dgn

LEGEND

⊙ LB-3 BASE



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 KEVIN FAHEY (266-6525) 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, 2013 EDITION" AND ALL ADDENDUMS THERETO. ALL CONDUIT SHALL BE PVC, SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE.
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.
5. 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 ISET OF 4