



Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

INDEX OF SHEETS

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1	DETAILS
D1-D3	EROSION CONTROL PLAN
EC1-EC10	STREET & UTILITY PLAN & PROFILE
P1-P20	UTILITY SCHEDULES
U1-U2	WATER PLAN
W1-W10	WATER IMPACT PLAN
W11-W12	WATER MATERIALS LIST
W13	ELECTRICAL PLAN
E1-E4	PAVEMENT MARKING PLAN
M1-M8	TRAFFIC CONTROL PLAN
TC1-TC8	CROSS SECTIONS
X1-X24	

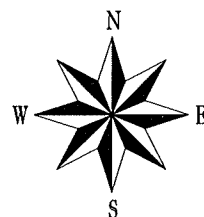
REGENT STREET RESURFACING WITH UTILITIES

PART OF THE UTILITY REPLACEMENT WITH
RESURFACING ASSESSEMENT DISTRICT - 2012

CITY PROJECT NO. 53W1425

CONTRACT NO. 6882

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



CONSTRUCTION PROJECT LOCATION

NOTES:

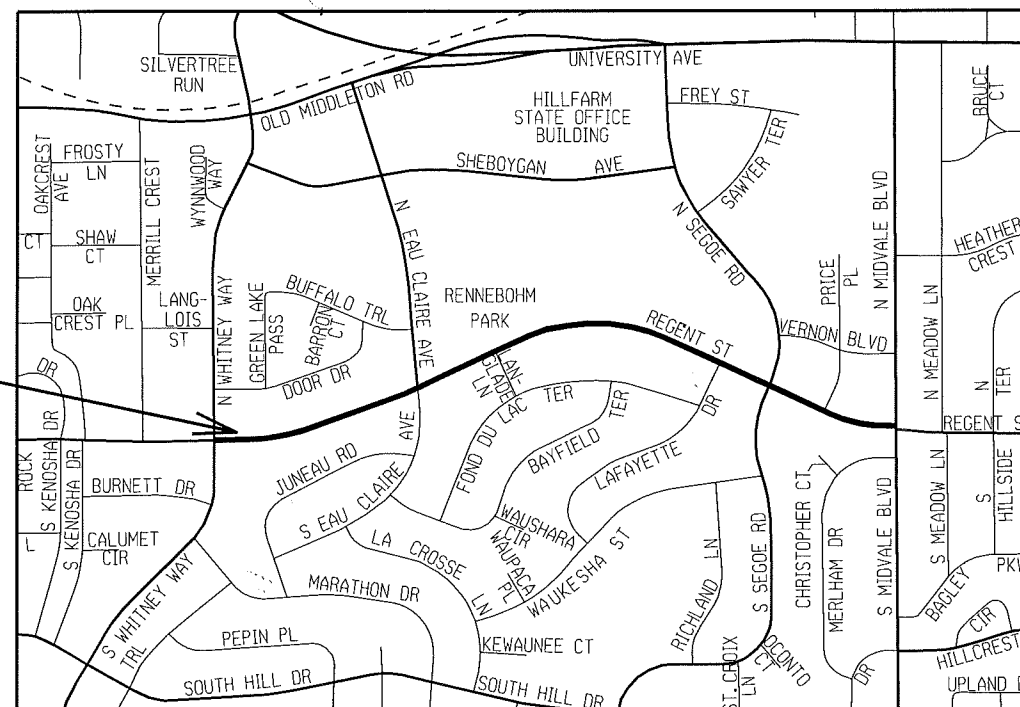
ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE
OF 0.50% TOWARD STORM SEWER INLETS.

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%.

EARTH WORK SUMMARY:

EXCAVATION CUT (MEASURED PLAN QUANTITY).....
ESTIMATED UNDISTRIBUTED UNDERCUT.....
TOTAL UNCLASSIFIED EXCAVATION CUT.....

9,310
8,740 C.Y.
2,885 C.Y.
11,625 C.Y.
12,195
Quantity Revised 4/2/12 ELD
Quantity Revised 4/2/12 ELD



PUBLIC IMPROVEMENT PROJECT APPROVED

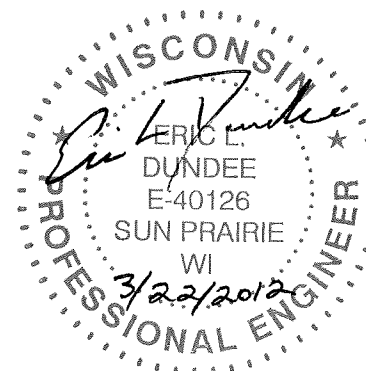
FEBRUARY 28, 2012

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

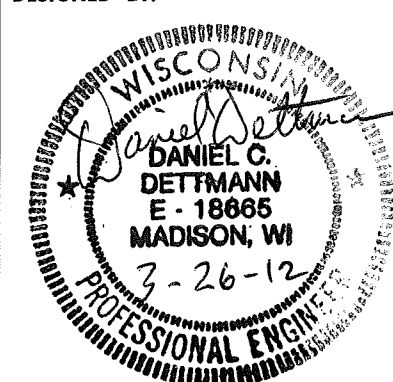
PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

[Signature] 3/26/12
City Engineer Date

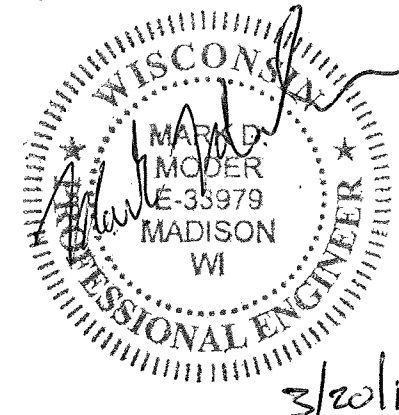
STREET
DESIGNED BY:



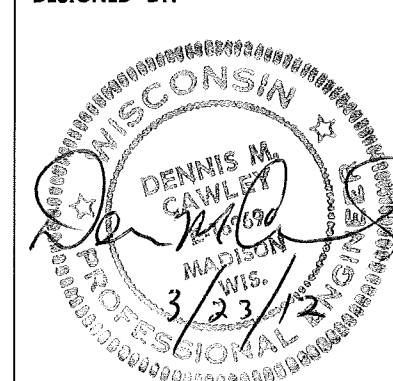
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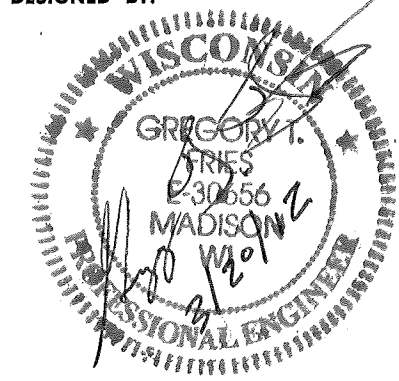
SANITARY SEWER
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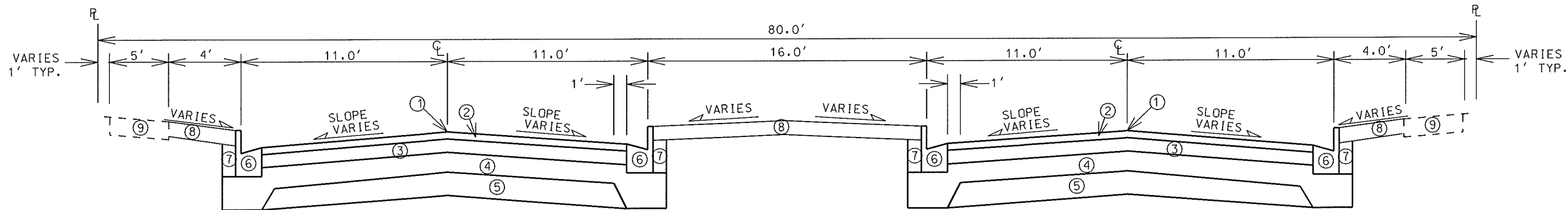


WATER
DESIGNED BY:



STORM SEWER
DESIGNED BY:

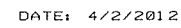




TYPICAL FINISHED SECTION
 REGENT STREET (WHITNEY WAY TO MIDVALE BLVD)
 NOT TO SCALE

- ① POINT REFERRED TO ON PROFILE
- ② 1 $\frac{3}{4}$ " BITUMINOUS UPPER LAYER, TYPE E-1
- ③ 3 $\frac{1}{2}$ " BITUMINOUS LOWER LAYER, TYPE E-1
- ④ 4" GRADATION 2 CRUSHED AGGREGATE BASE COURSE
- ⑤ 6" GRADATION 1 CRUSHED AGGREGATE BASE COURSE
- ⑥ TYPE 'A' CONCRETE CURB & GUTTER (REMOVE AND REPLACE AS NEEDED)
- ⑦ FILL
- ⑧ TOPSOIL & SEED - MATTING IN MEDIAN (SEE PLANS)
- ⑨ EXISTING SIDEWALK, REPLACE AS NOTED IN PLAN

REGENT ST

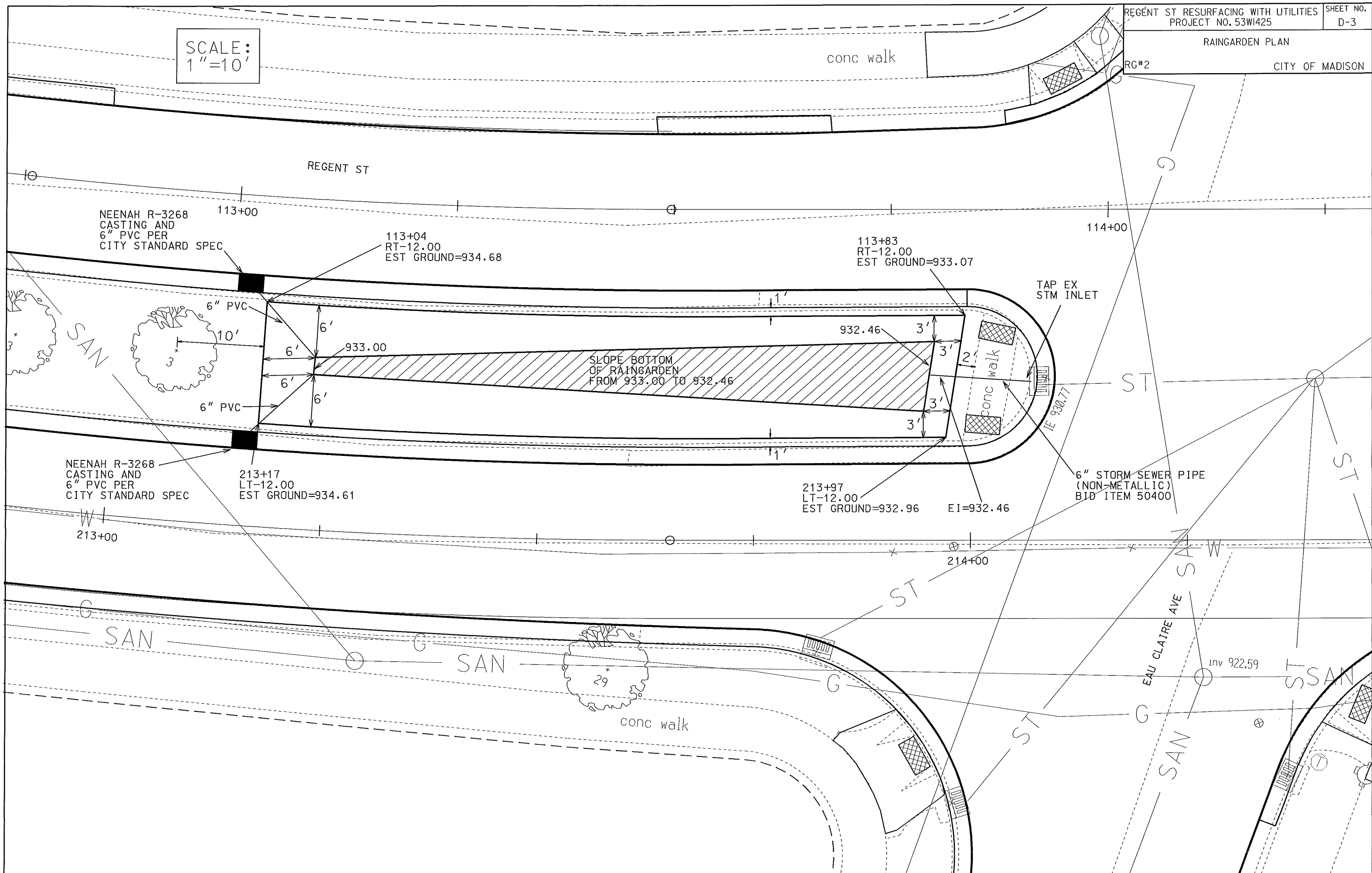


SCALE:
1"=10'

PLOT SCALE:

PLOT NAME:

REV. DATE:

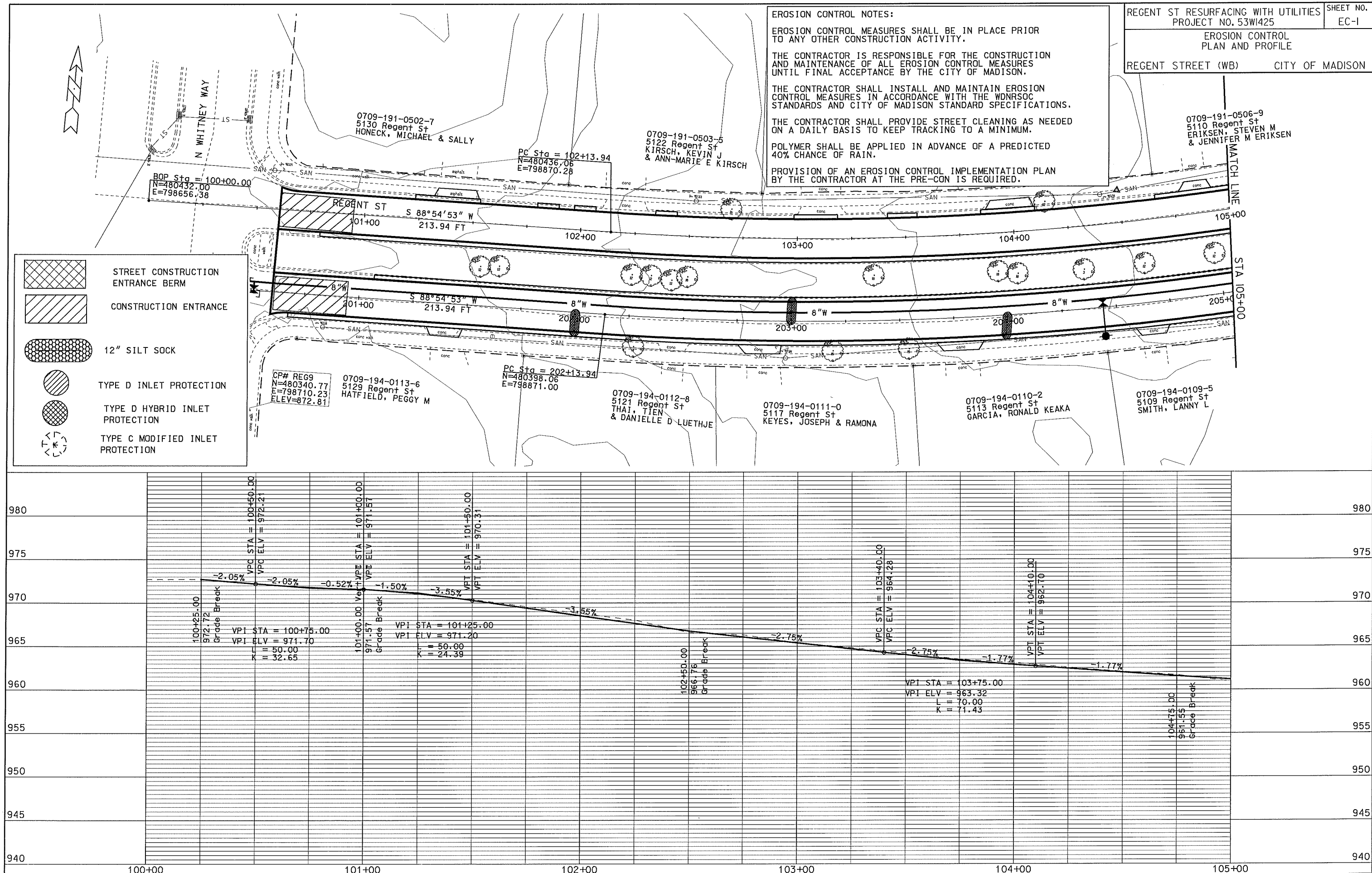


ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE:

PLOT NAME:

REV. DATE:



ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: 1"=40'

PLOT NAME: REGENT ST

REV. DATE: 3/12/2012

EROSION CONTROL NOTES:

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.

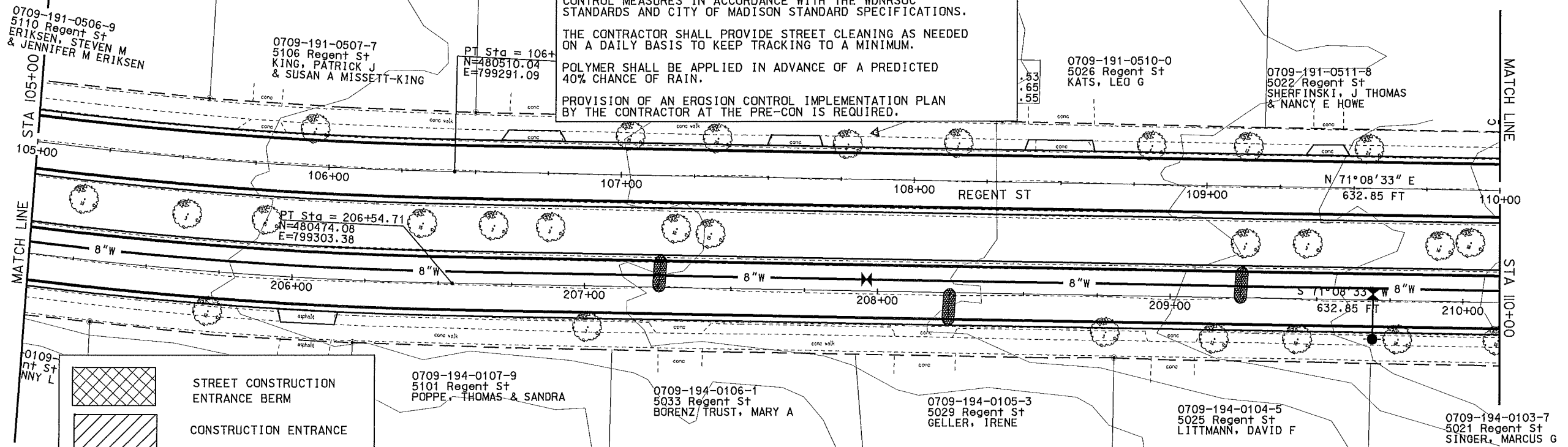
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

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.

REGENT ST RESURFACING WITH UTILITIES PROJECT NO. 53W1425	SHEET NO. EC-2
EROSION CONTROL PLAN AND PROFILE	
REGENT STREET (WB) CITY OF MADISON	



STREET CONSTRUCTION ENTRANCE BERM

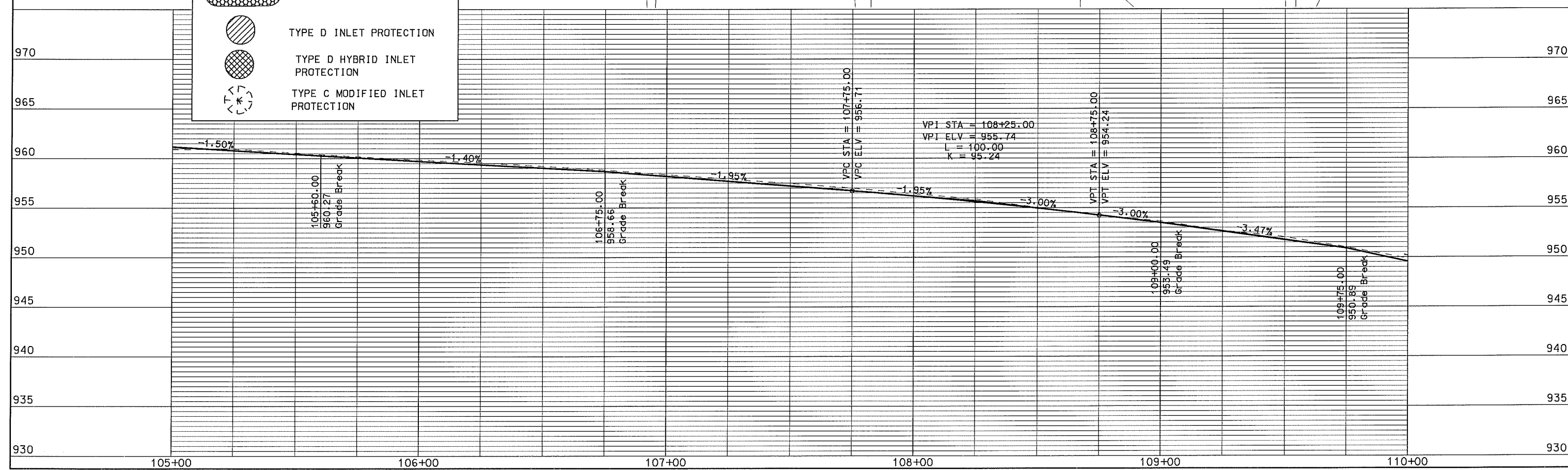
CONSTRUCTION ENTRANCE

12\" SILT SOCK

TYPE D INLET PROTECTION

TYPE D HYBRID INLET PROTECTION

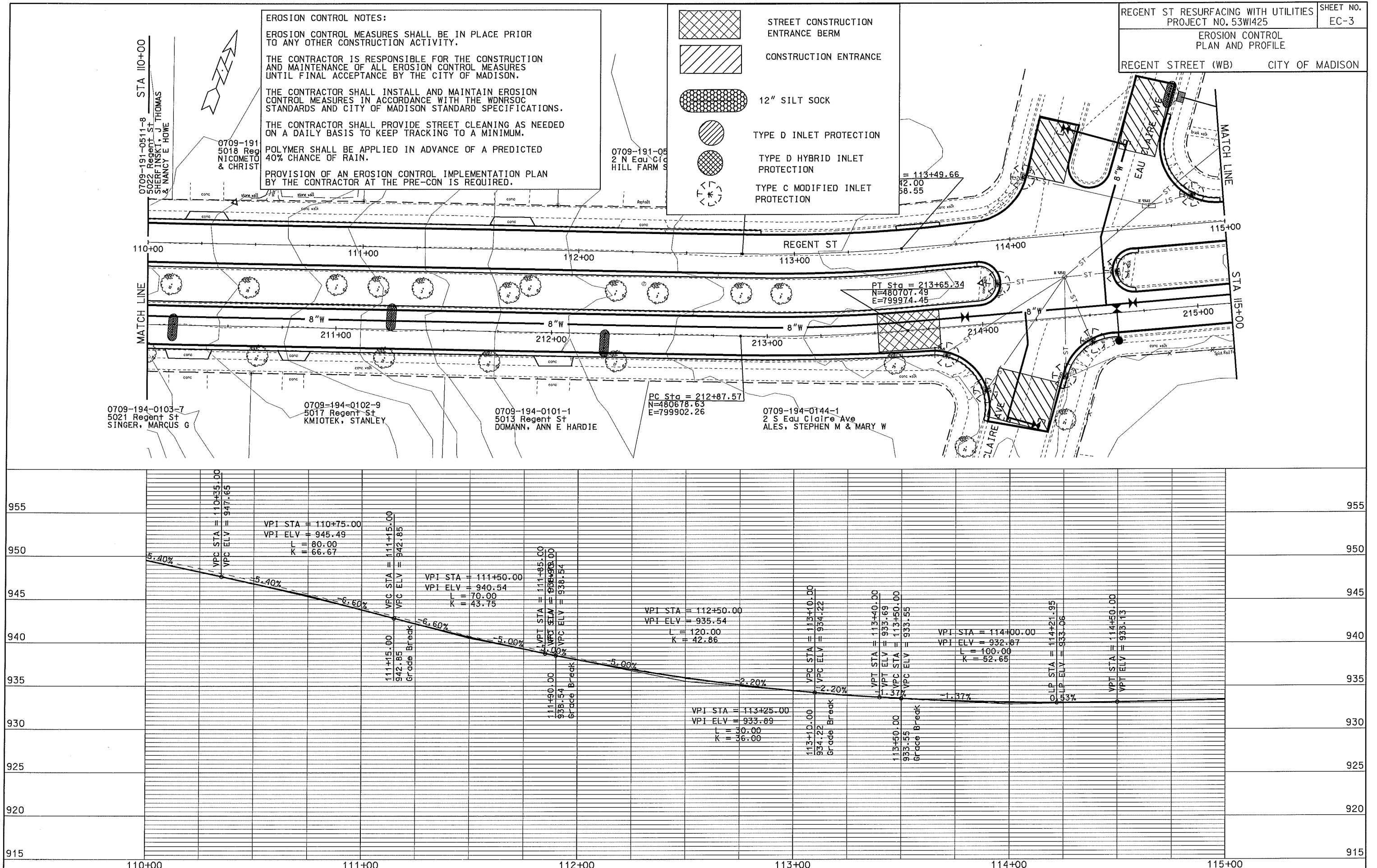
TYPE C MODIFIED INLET PROTECTION

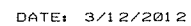


PLOT NAME: _____

PLOT SCALE: _____

REV. DATE: _____





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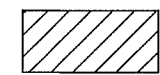
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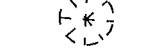
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STREET CONSTRUCTION
ENTRANCE BERM
- 

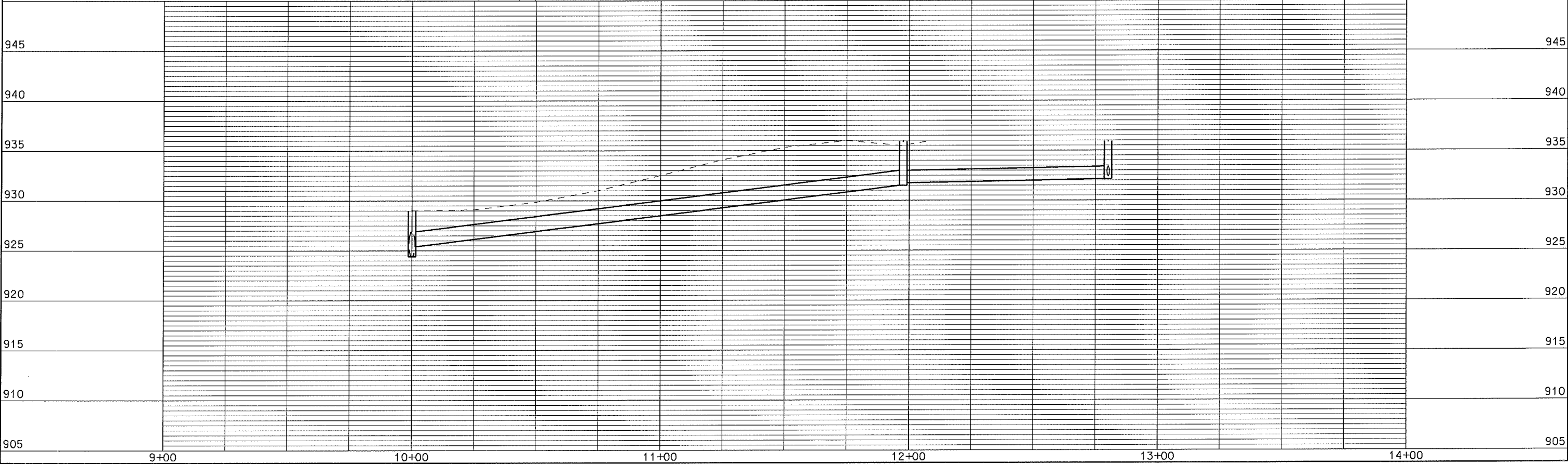
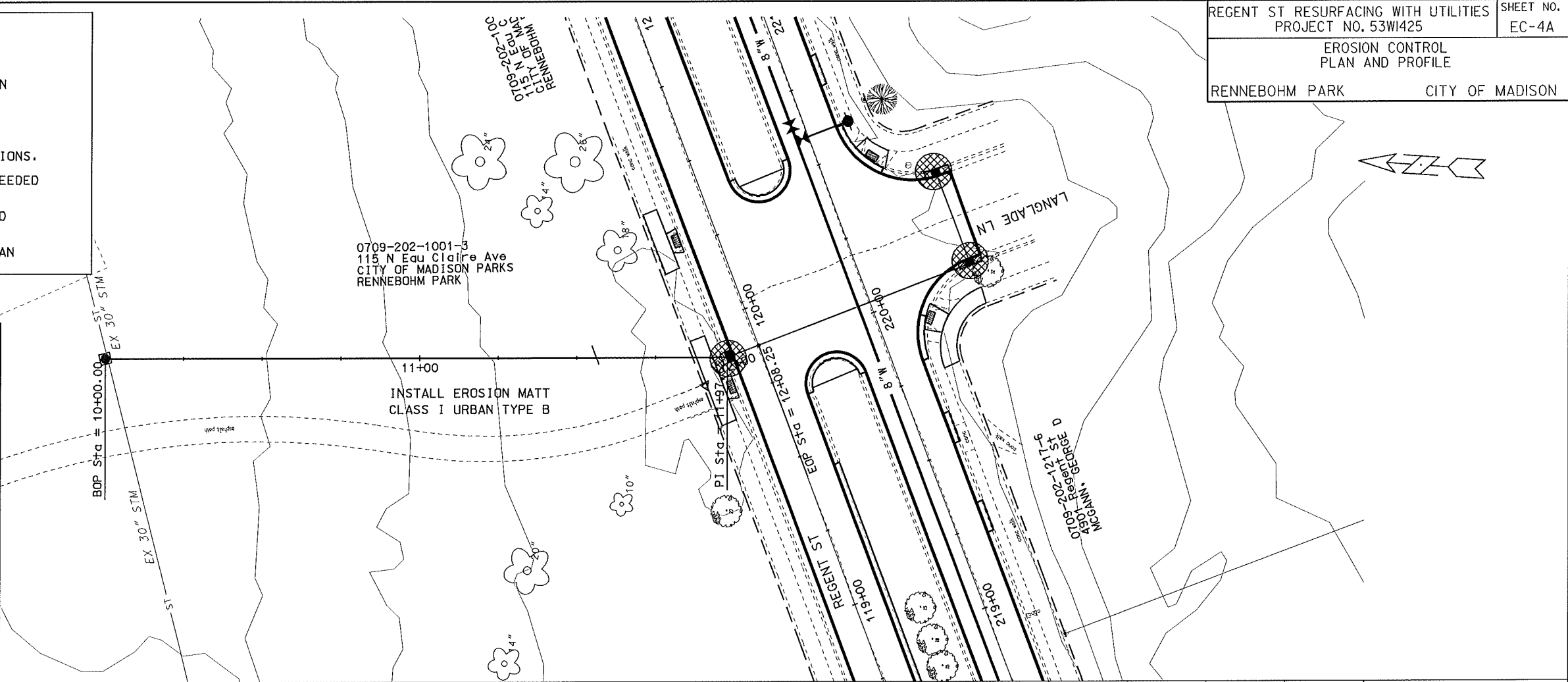
CONSTRUCTION ENTRANCE
- 

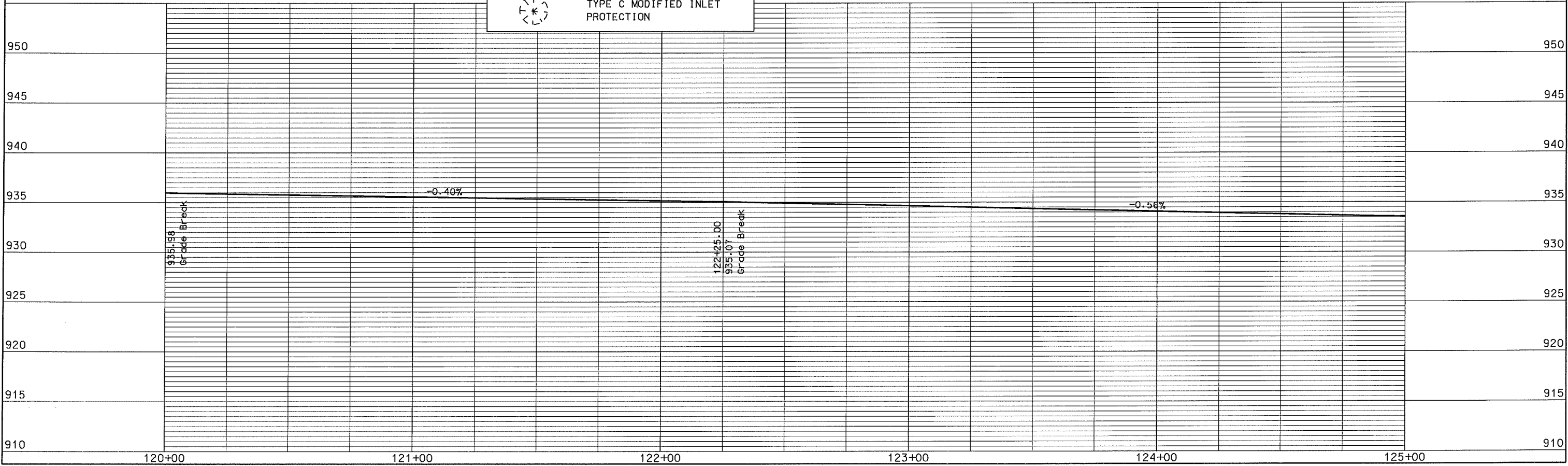
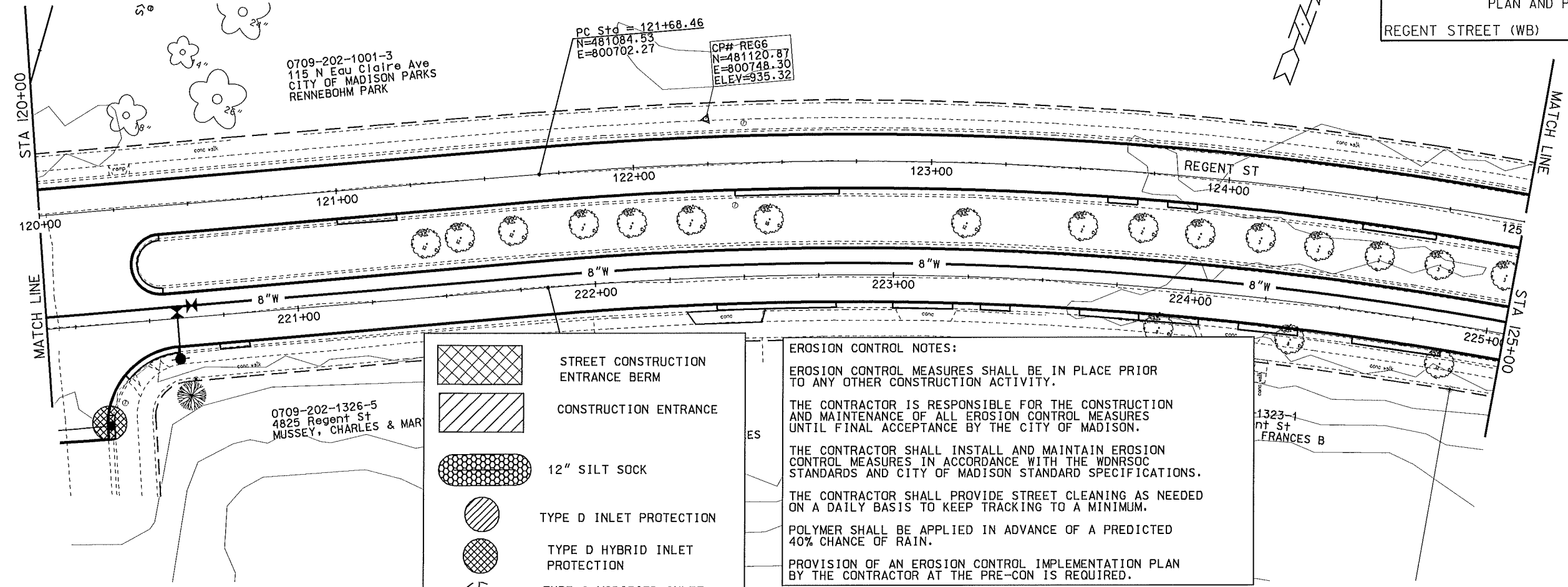
12" SILT SOCK
- 

TYPE D INLET PROTECTION
- 

TYPE D HYBRID INLET
PROTECTION
- 

TYPE C MODIFIED INLET
PROTECTION



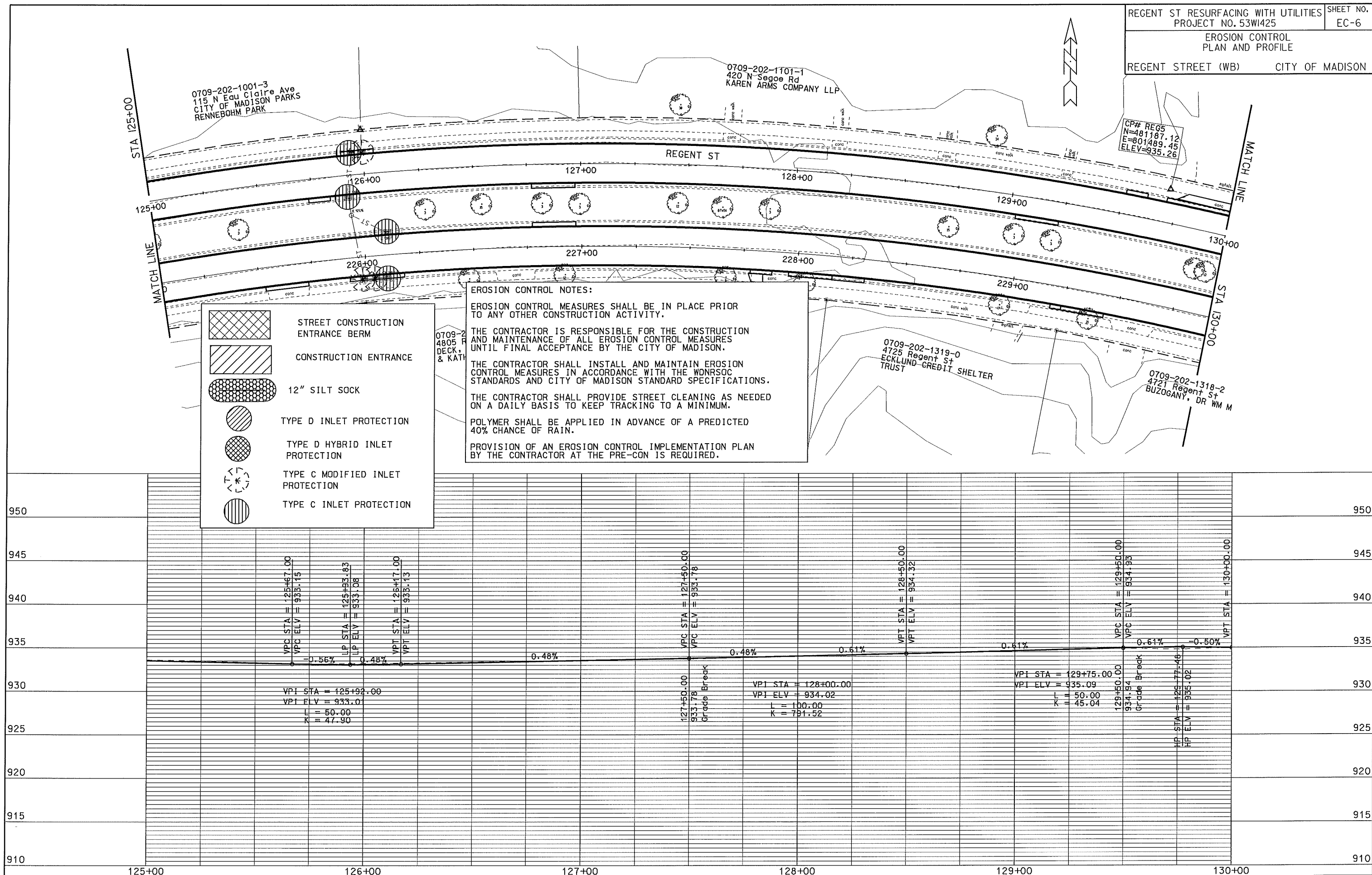


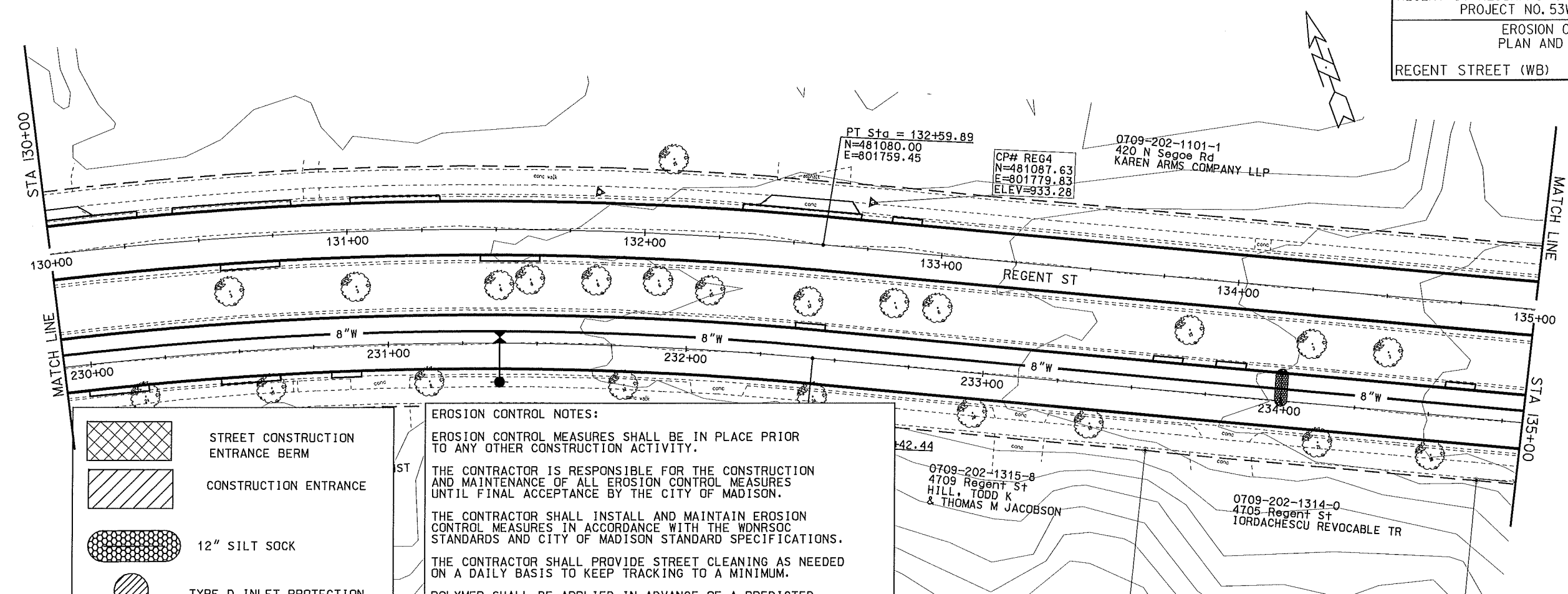
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

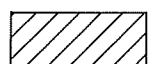
PLOT SCALE: 1"=40'

PLOT NAME: 125+00

REV. DATE: 3/12/2012





-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  12" SILT SOCK
-  TYPE D INLET PROTECTION
-  TYPE D HYBRID INLET PROTECTION
-  TYPE C MODIFIED INLET PROTECTION

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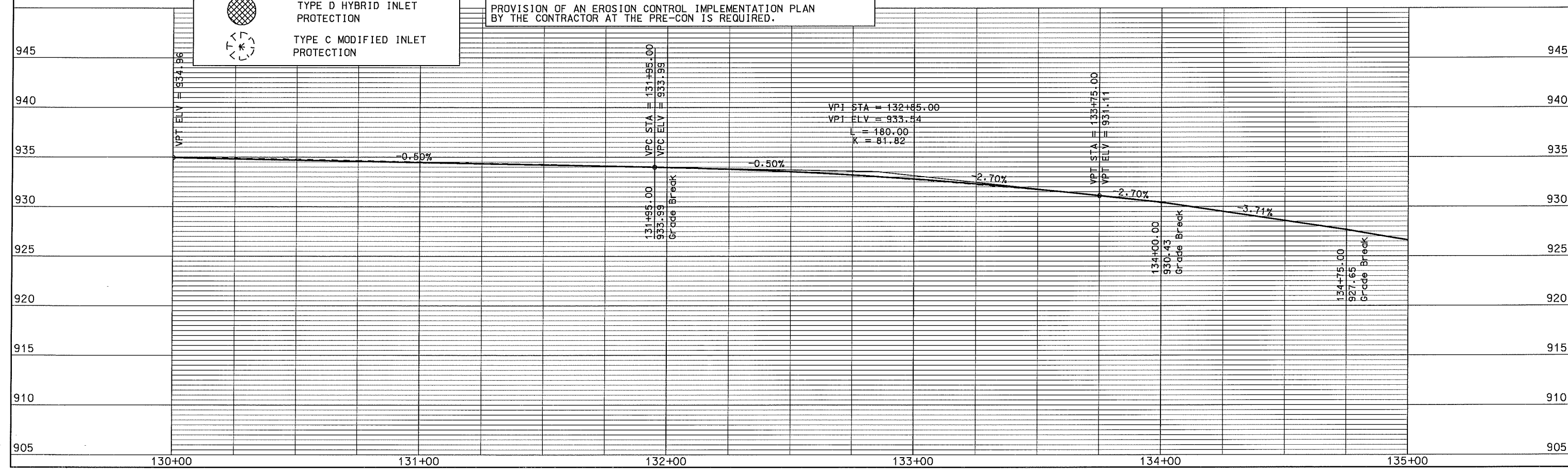
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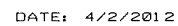
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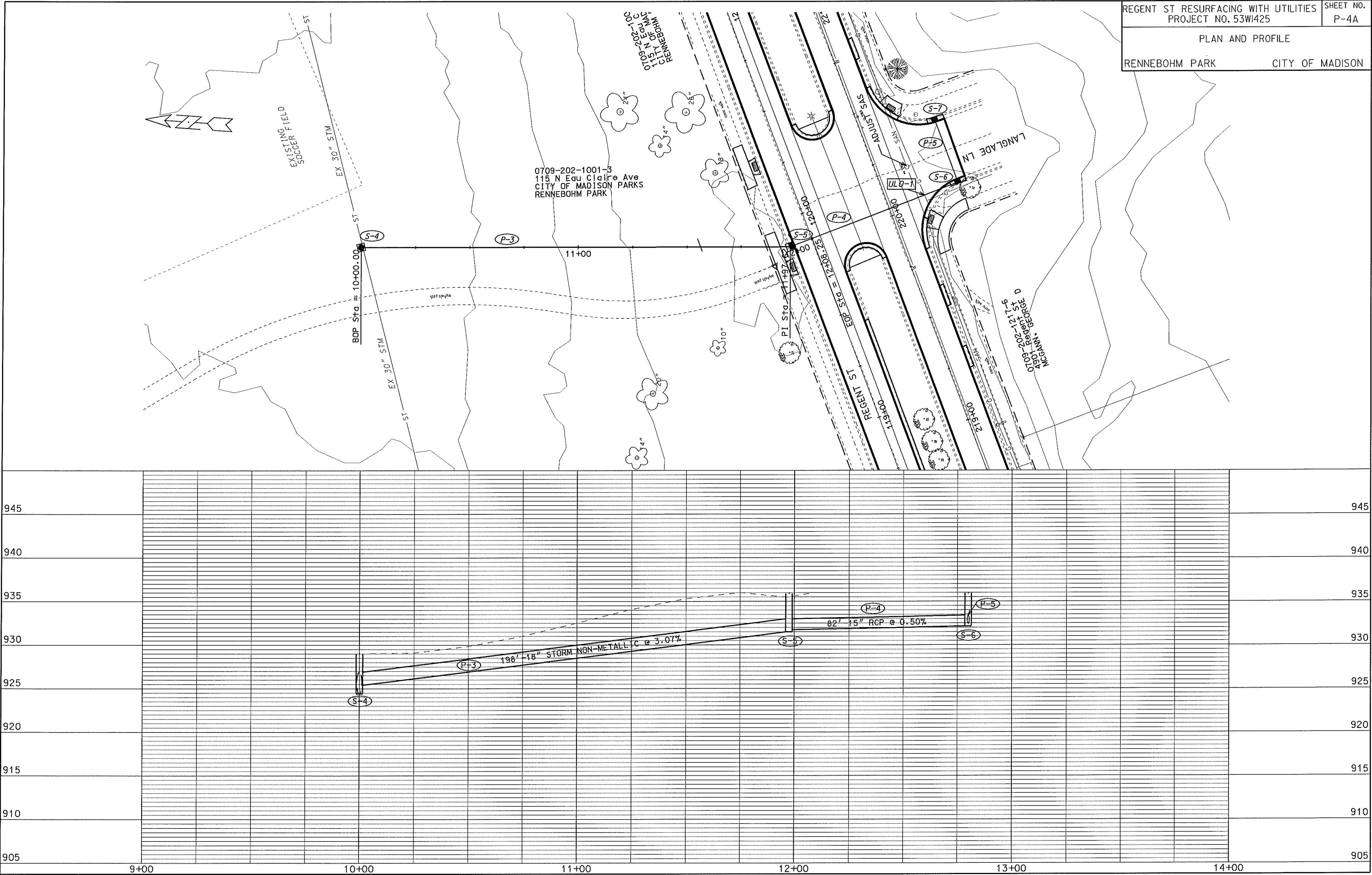


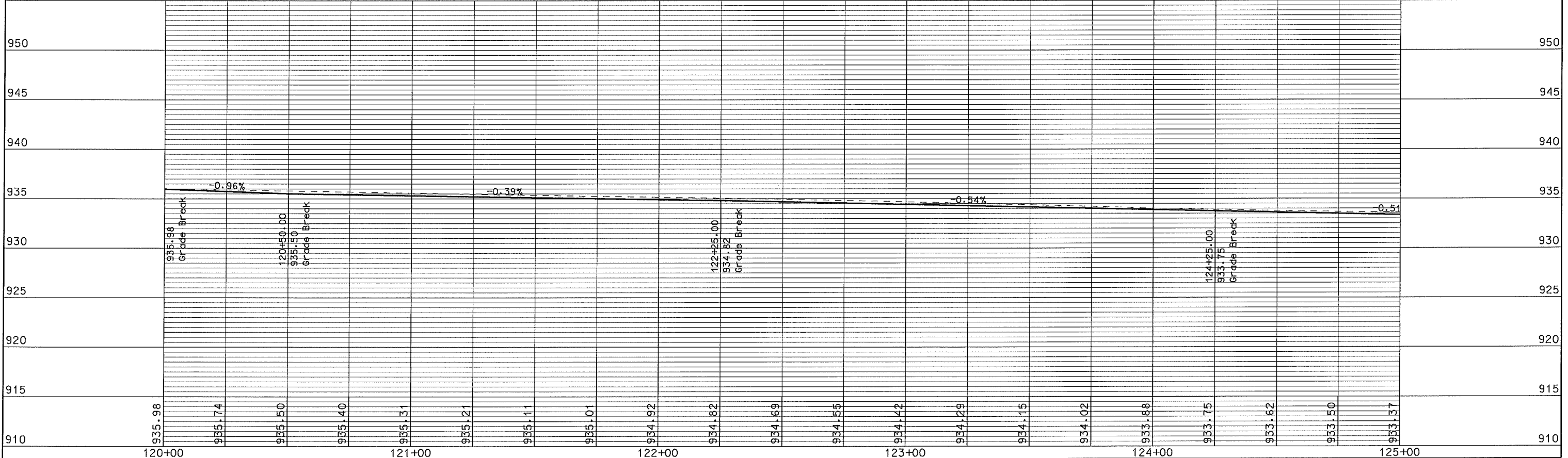
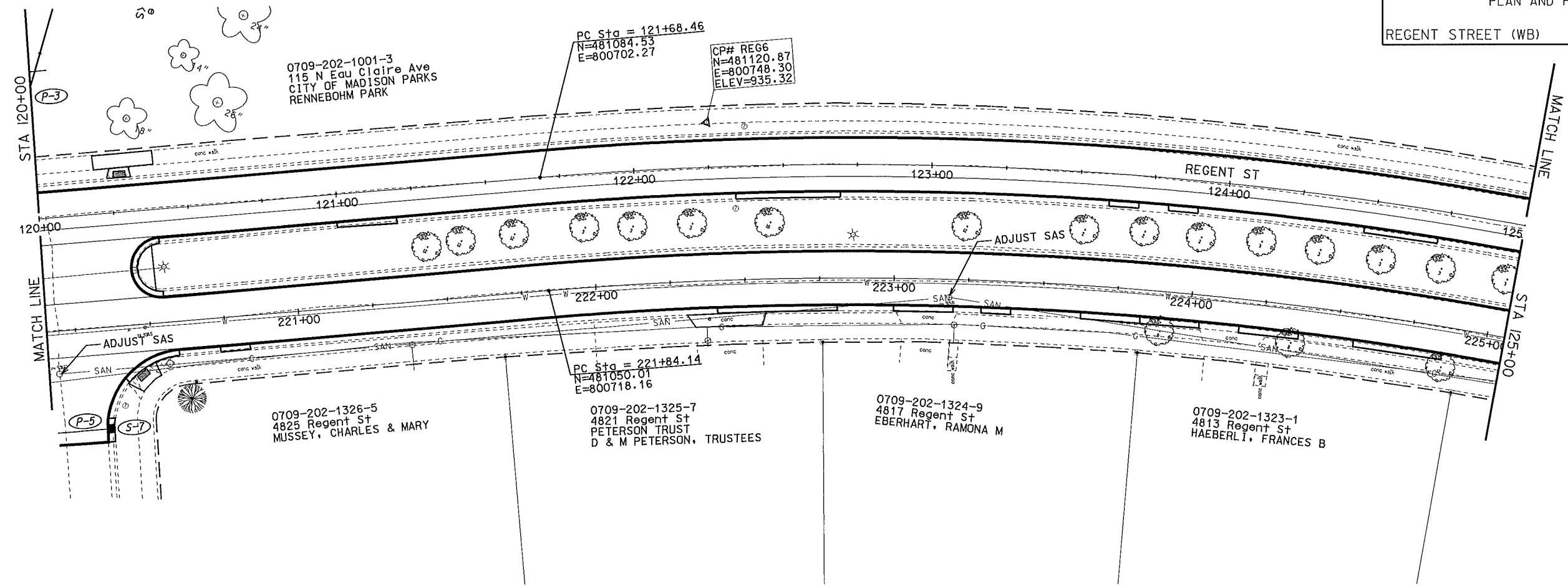
0709-202-1217-6
4901 Regent St
MCGANN, GEORGE D



ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. DATE: PLOT NAME: PLOT SCALE:



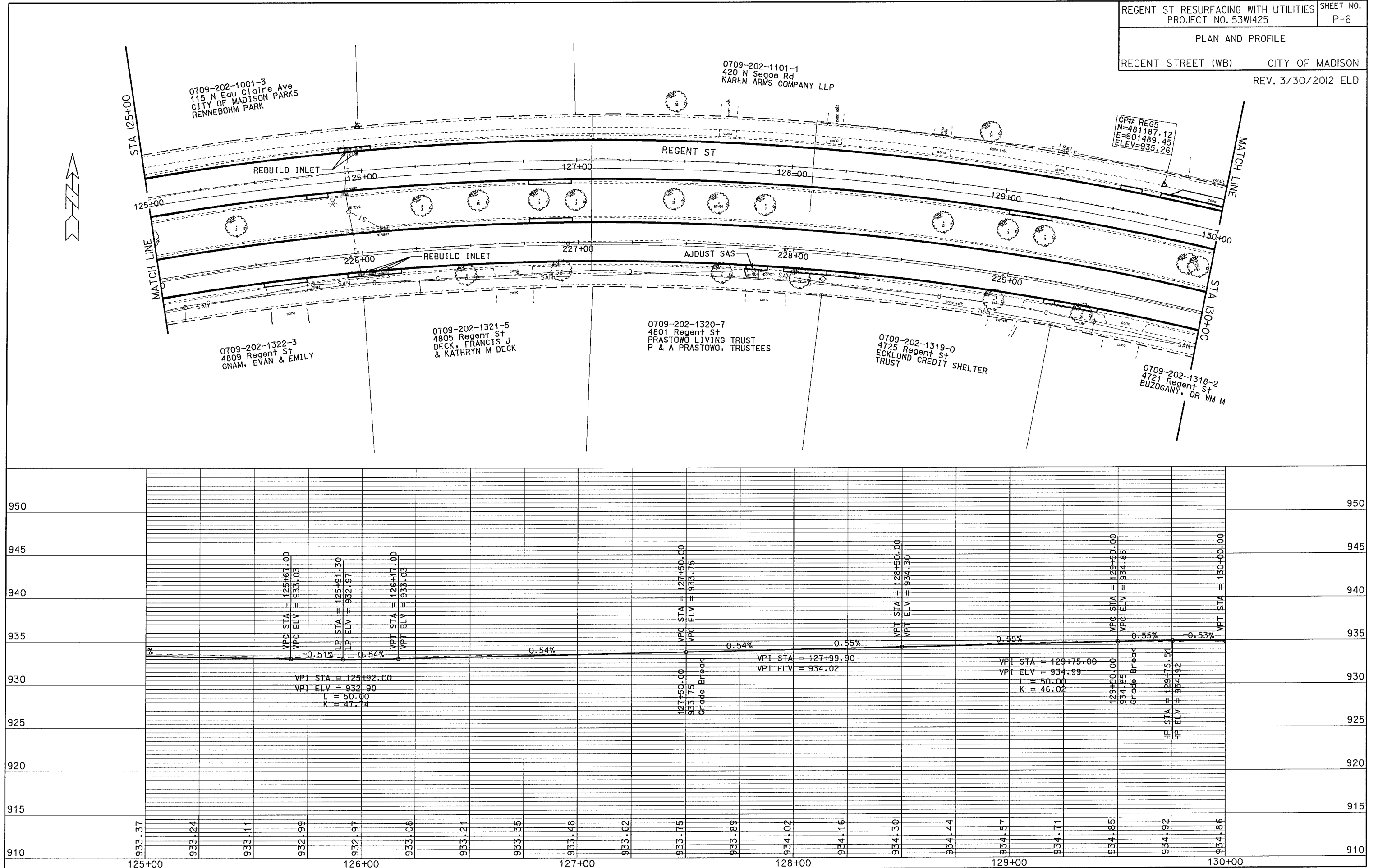


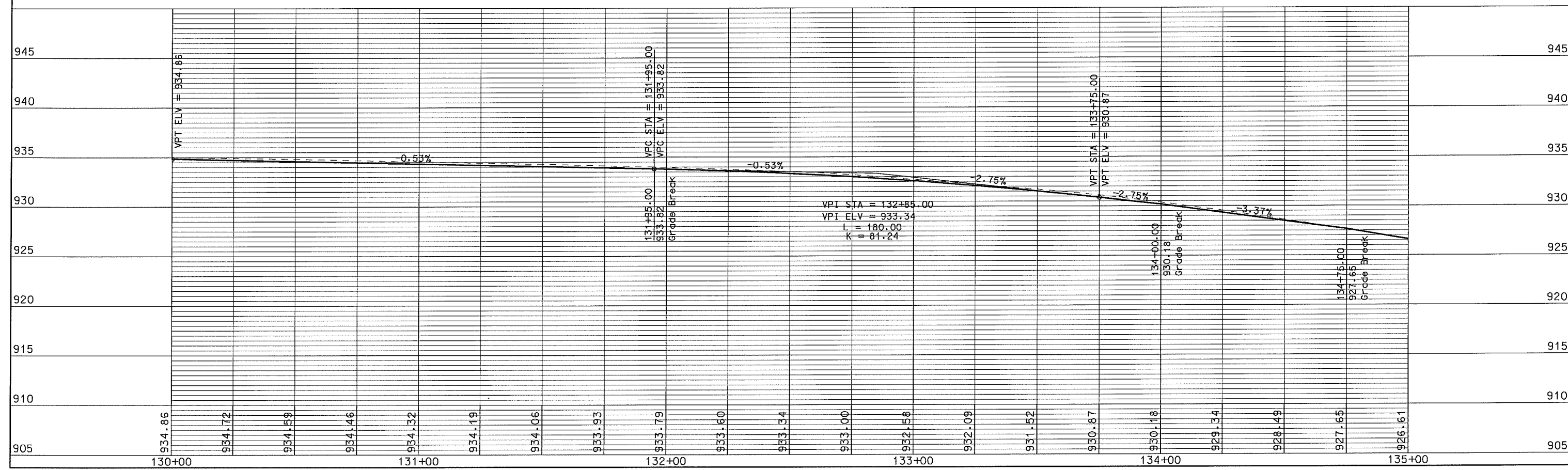
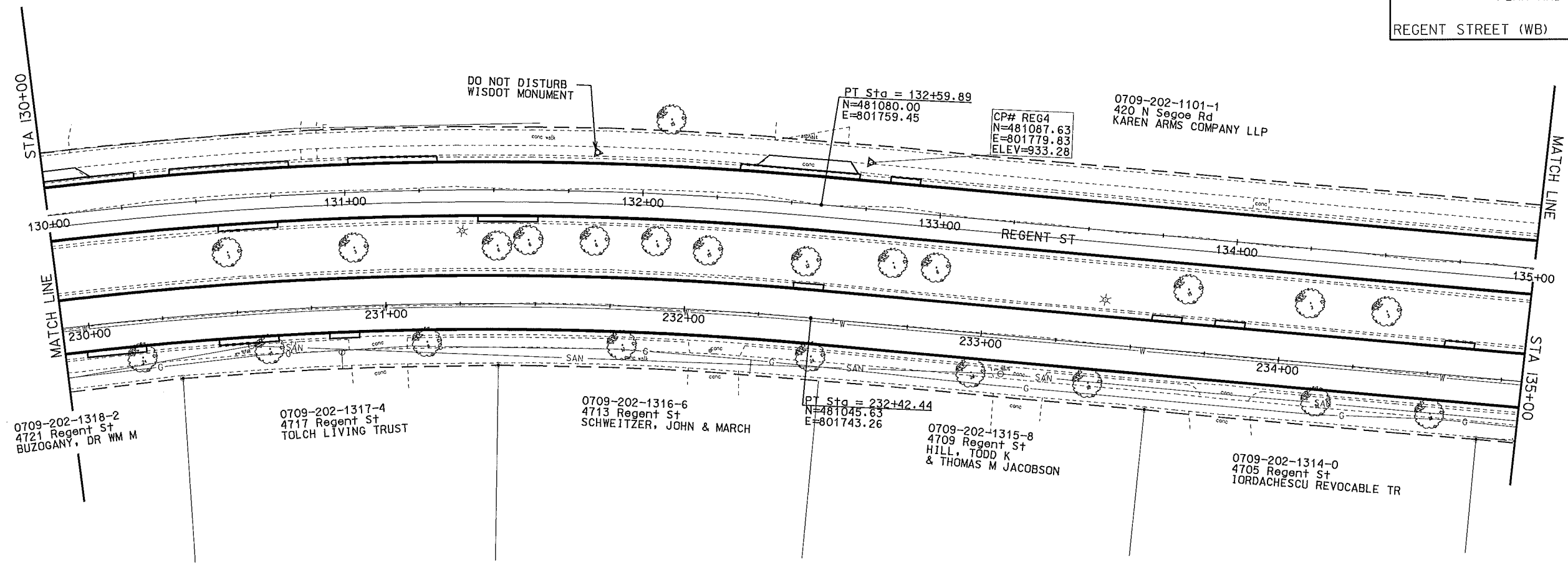
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

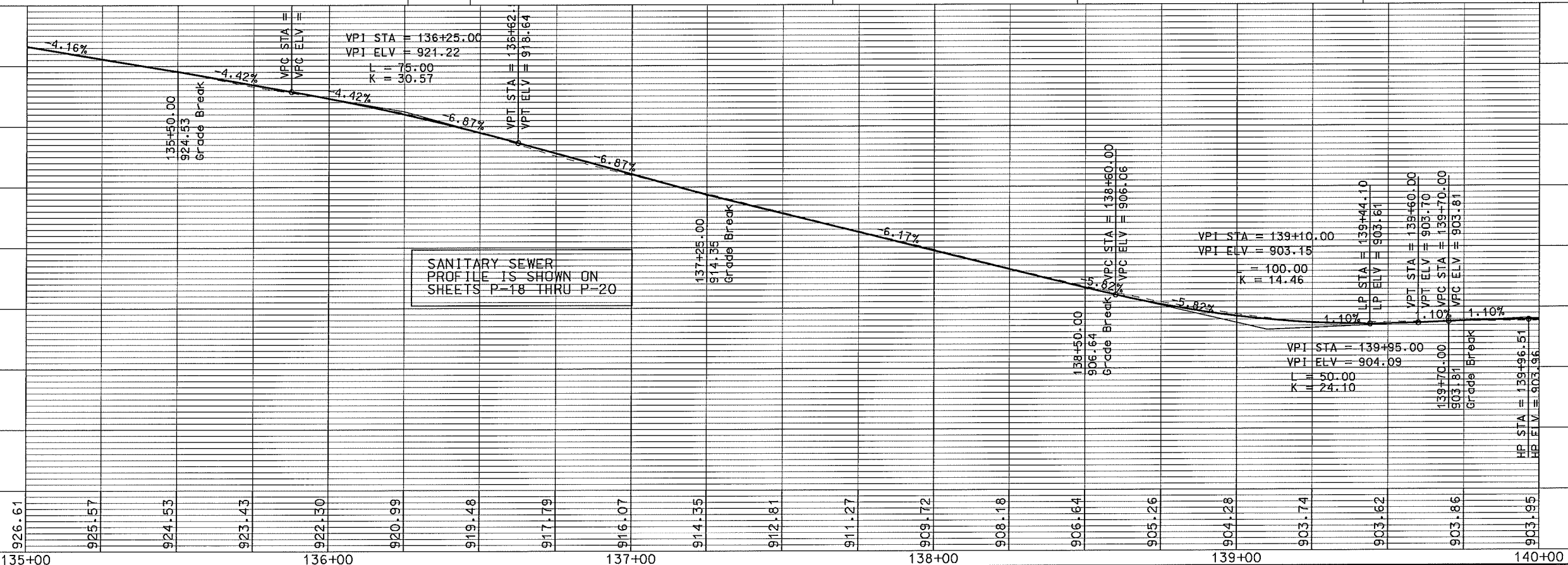
PLOT SCALE: 1"=40'

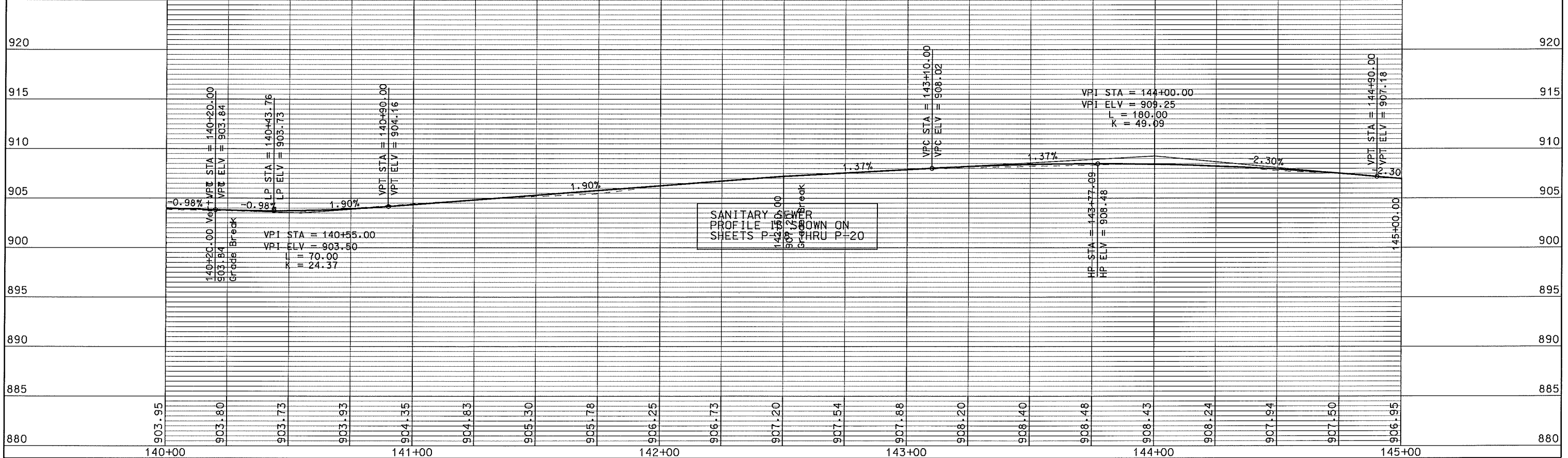
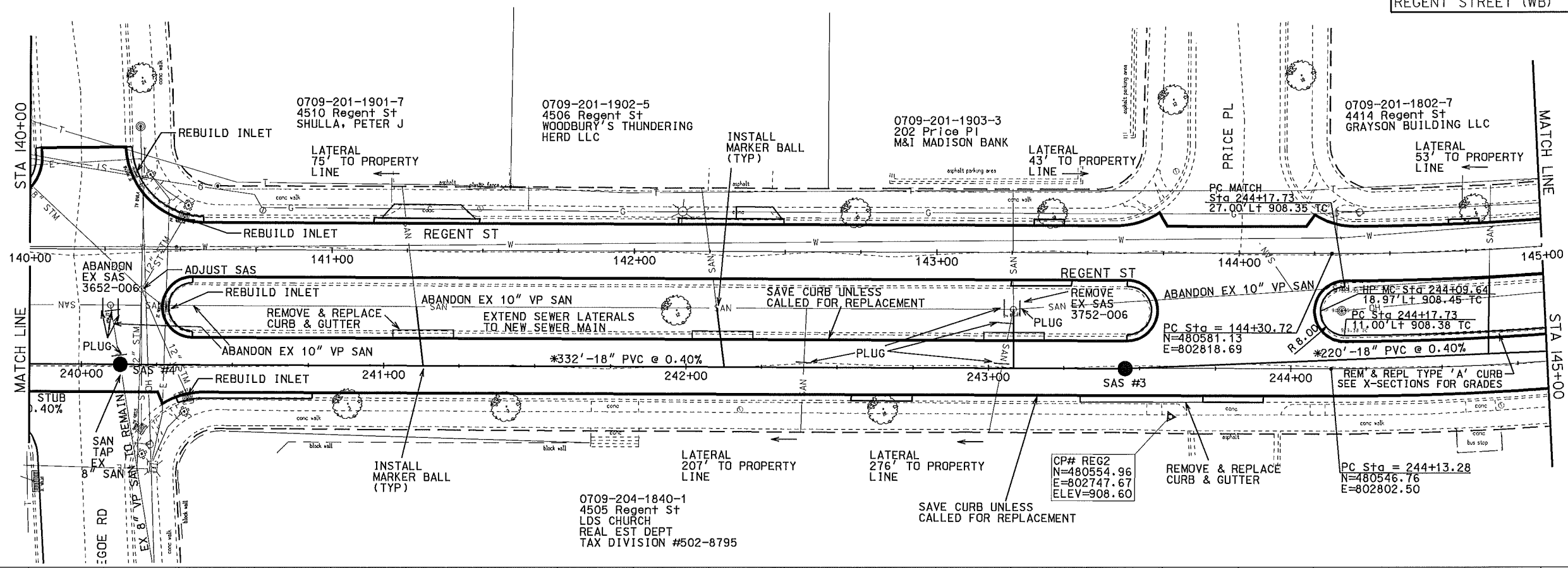
PLOT NAME: REGENT ST

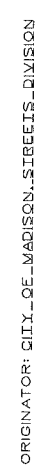
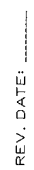
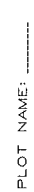
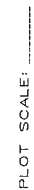
REV. DATE: 4/2/2012





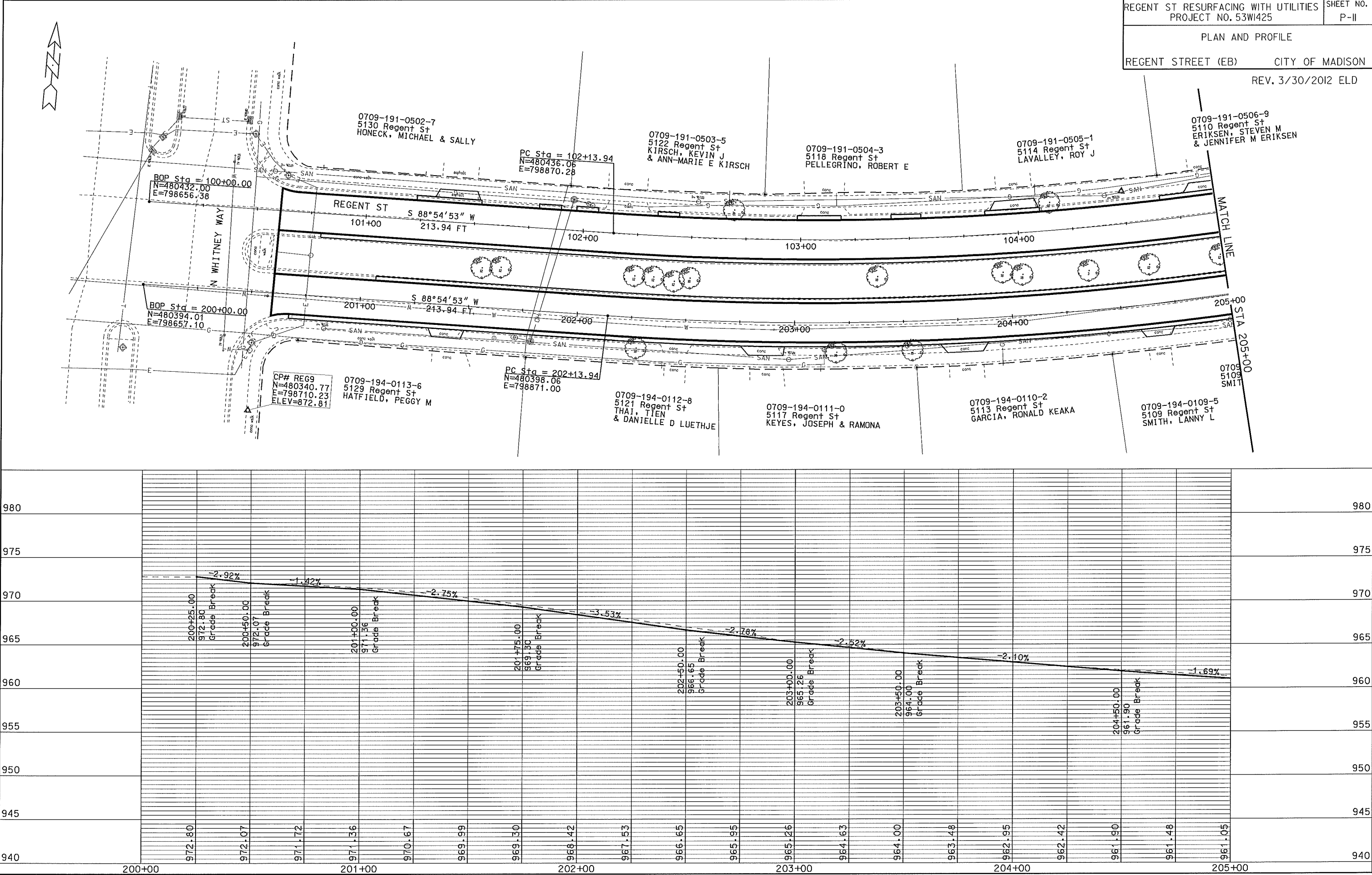






ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

REV. DATE: PLOT NAME: PLOT SCALE:

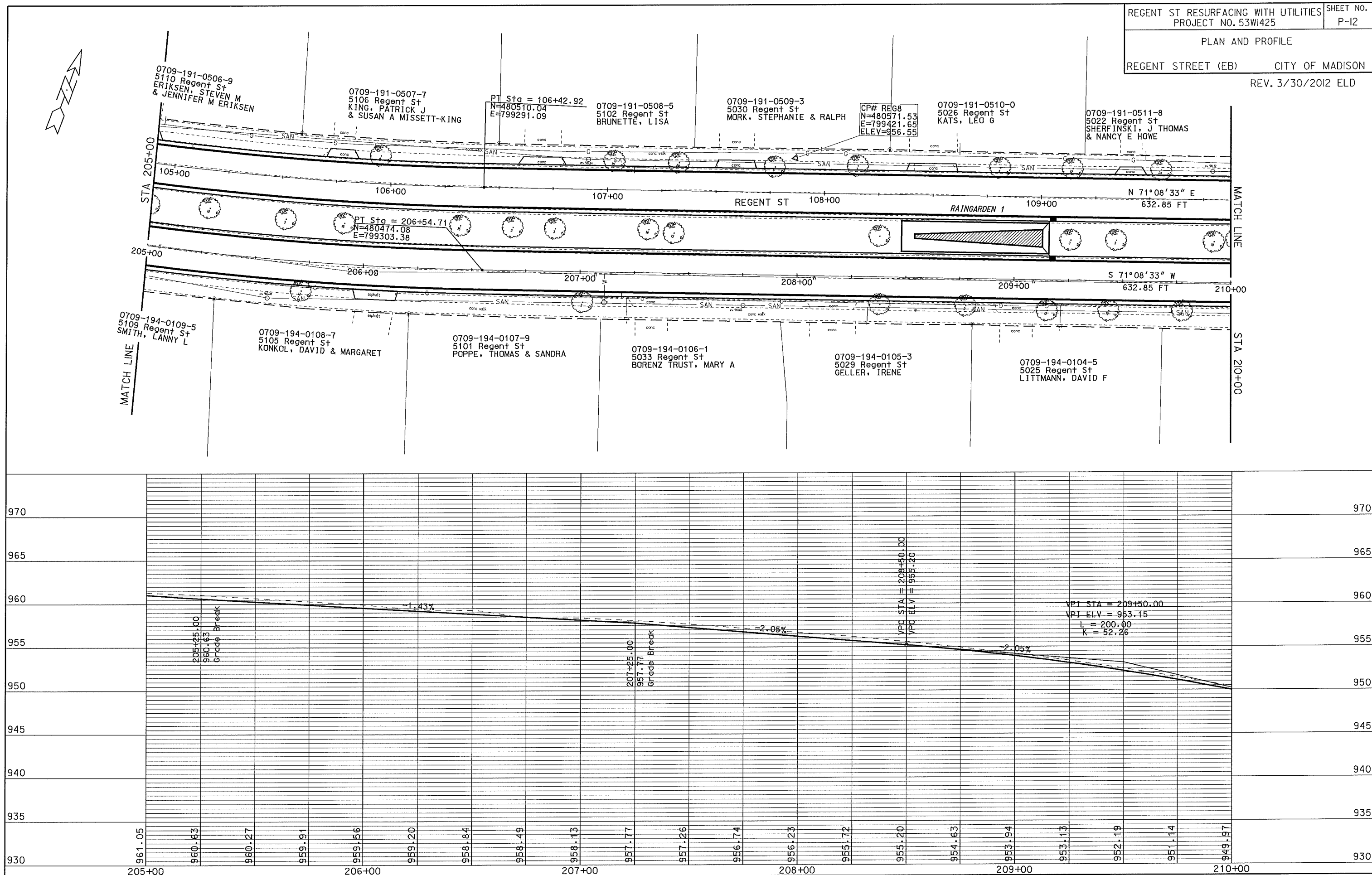


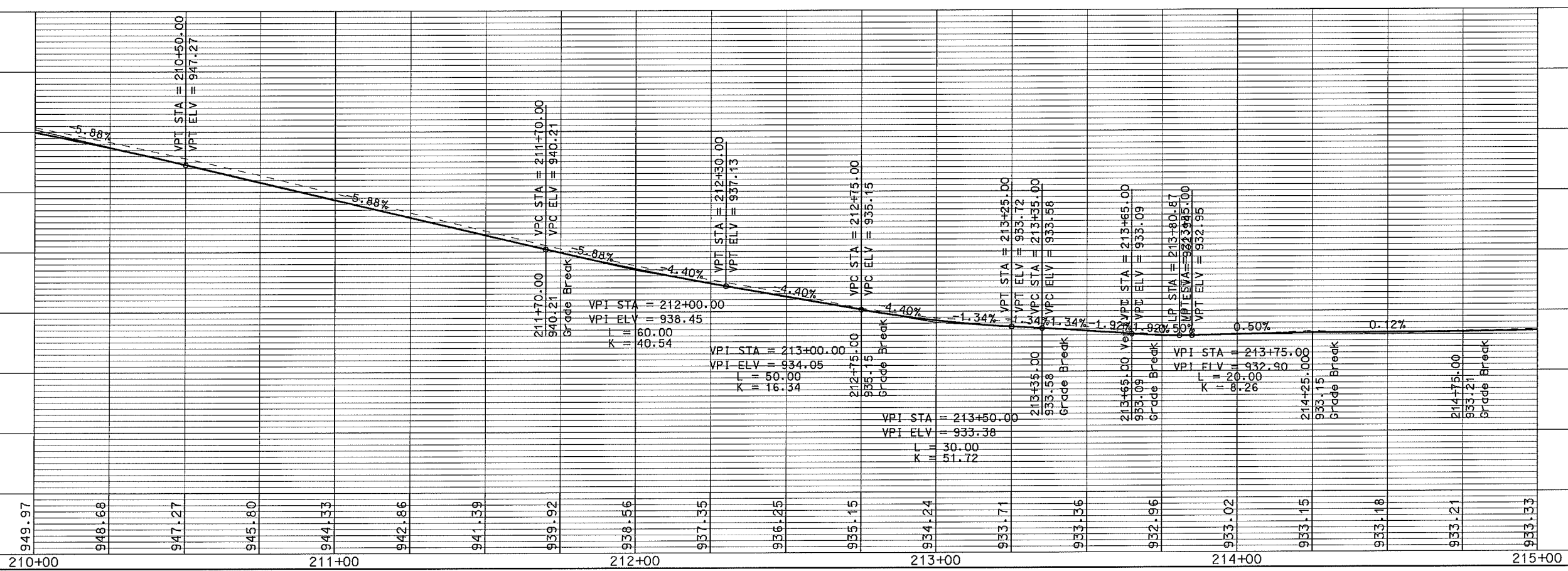
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT NAME: _____

PLOT NAME: _____

REV. DATE: _____



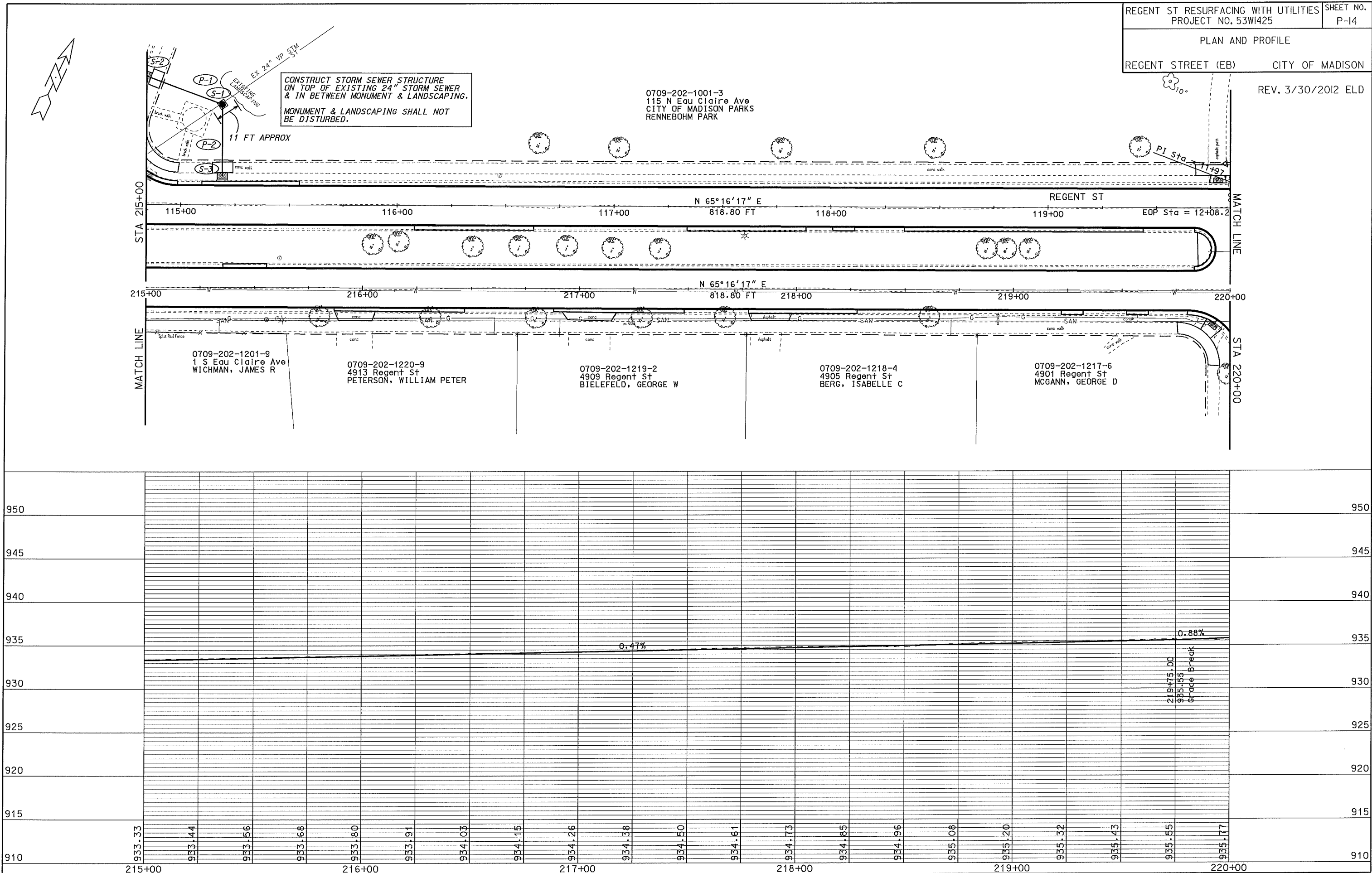


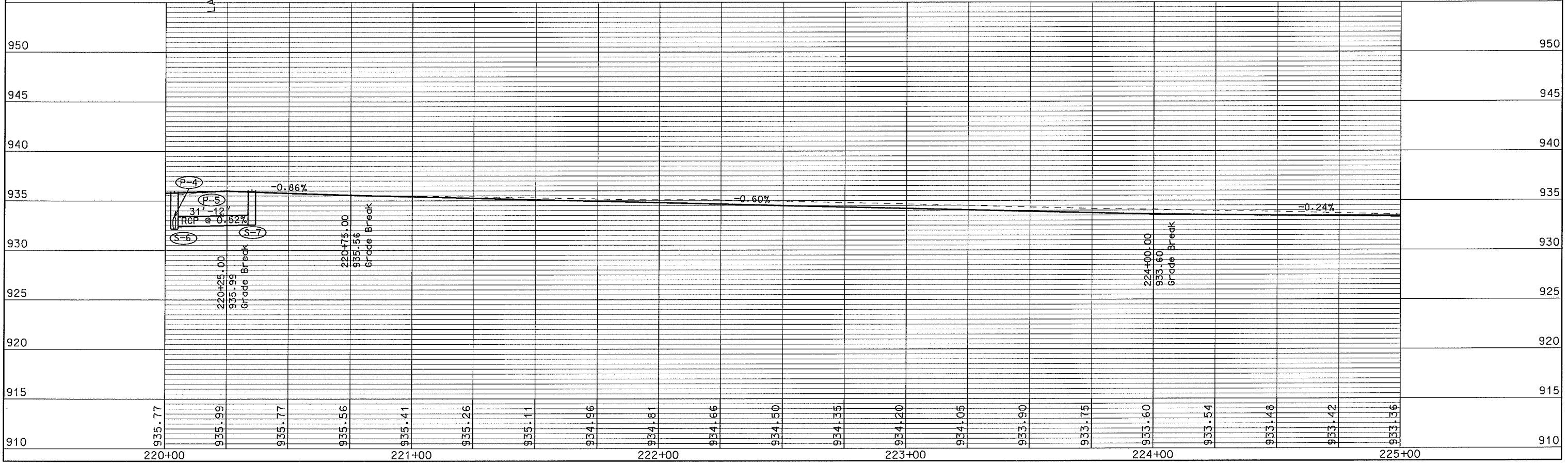
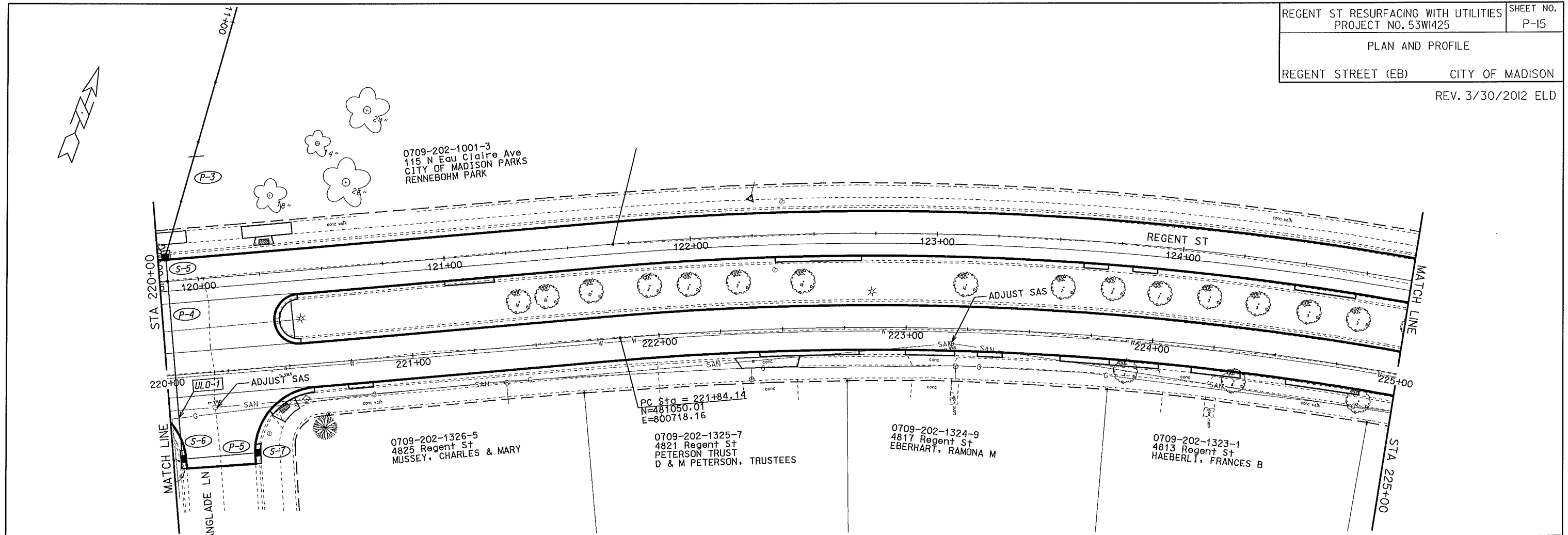
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: 1"=40'

PLOT NAME: REGENT ST

REV. DATE: 4/2/2012



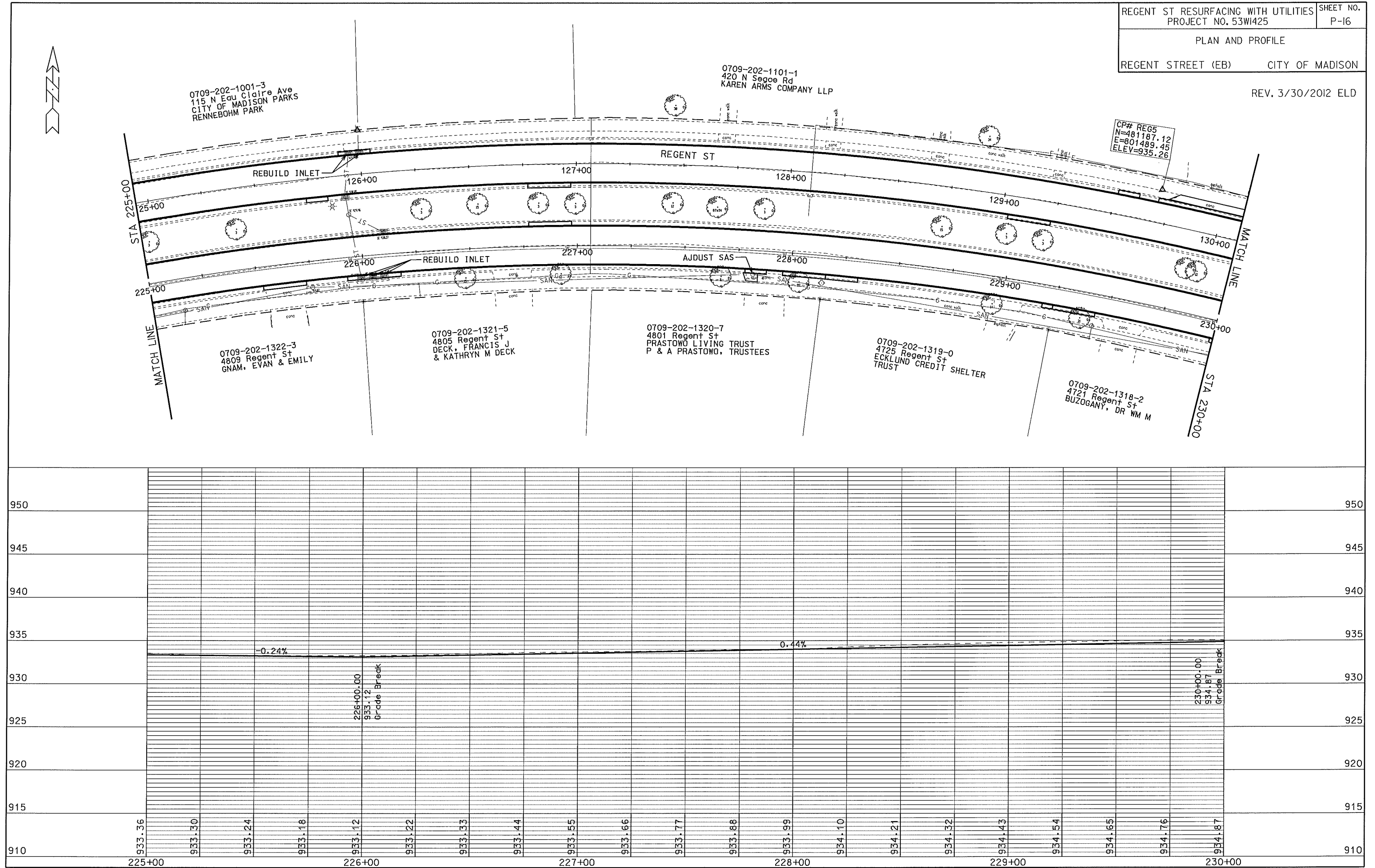


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PLOT NAME:

PLOT SCALE:

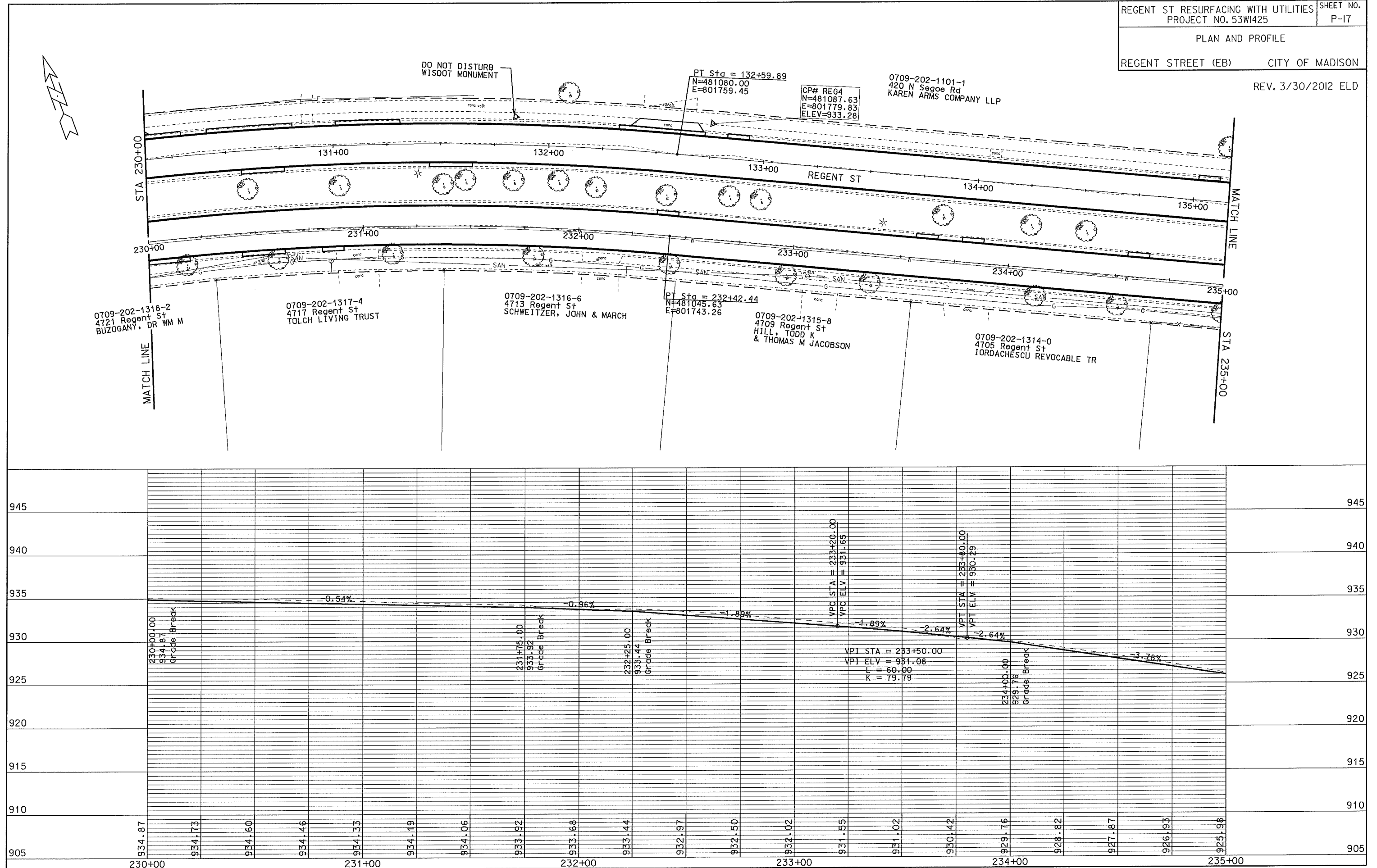
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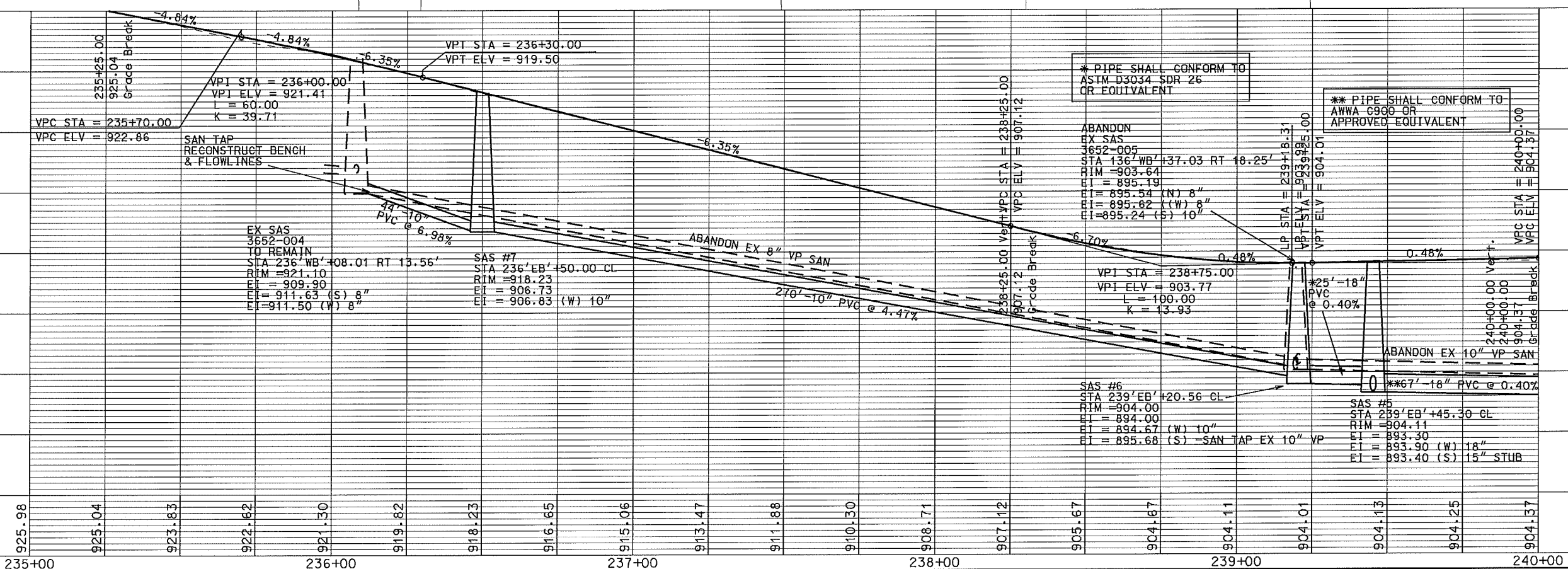
PLOT NAME:

REV. DATE:



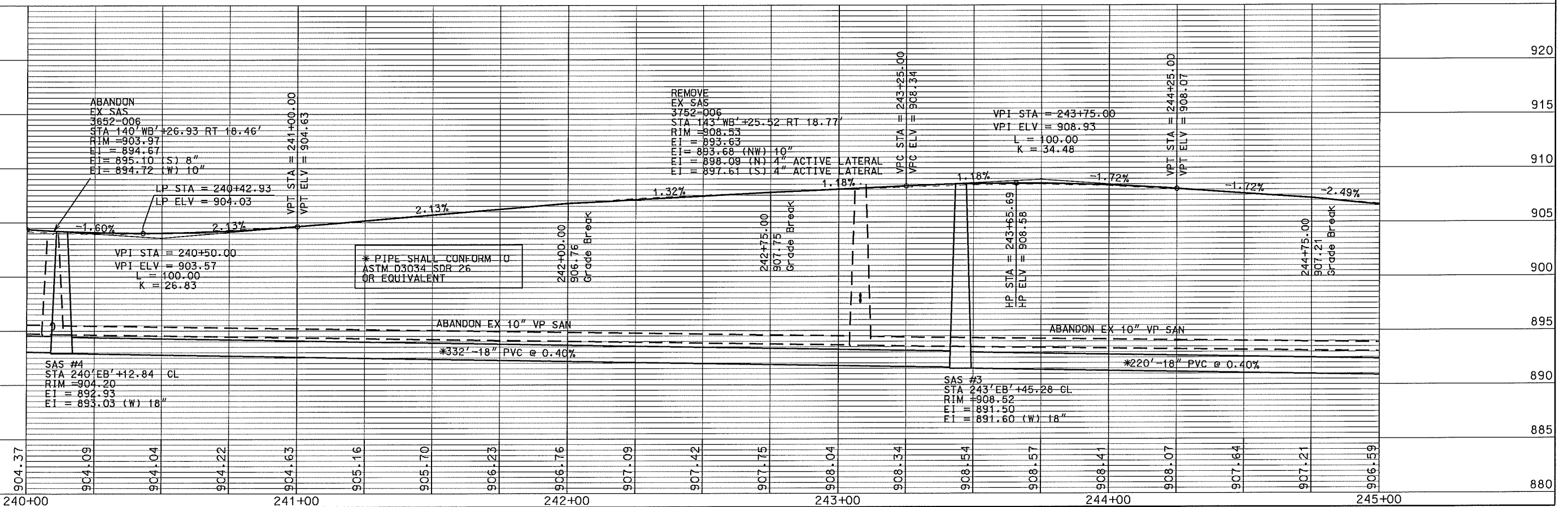
0709-202-1101-1
420 N Segoe Rd
KAREN ARMS COMPANY LLP

CP# REG3
N=480812.35
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ELEV=903.78



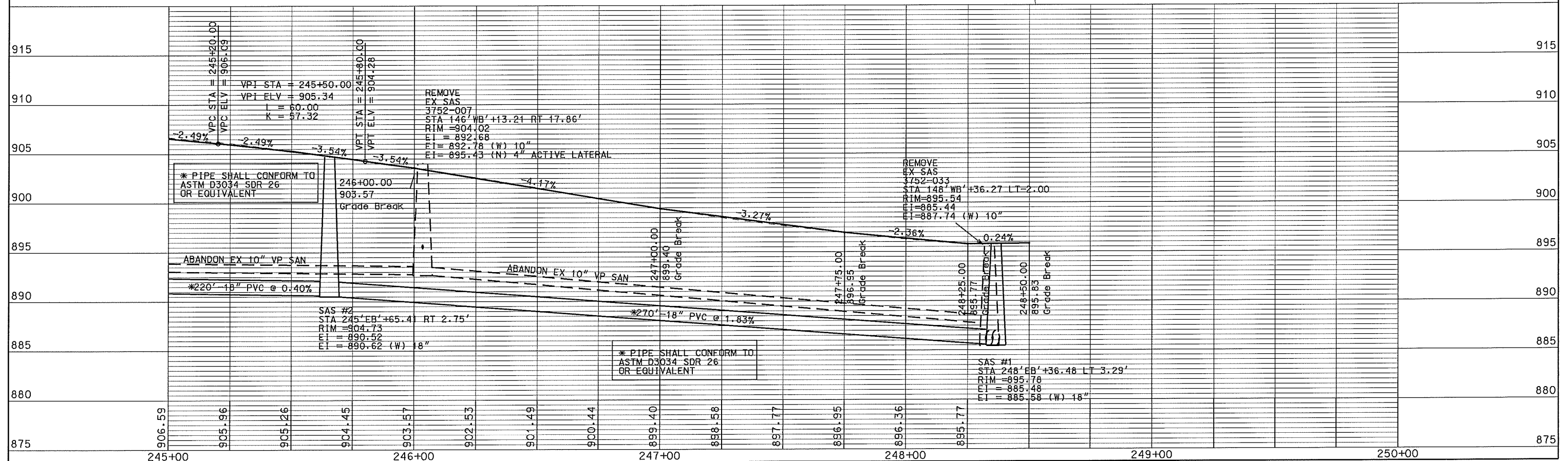
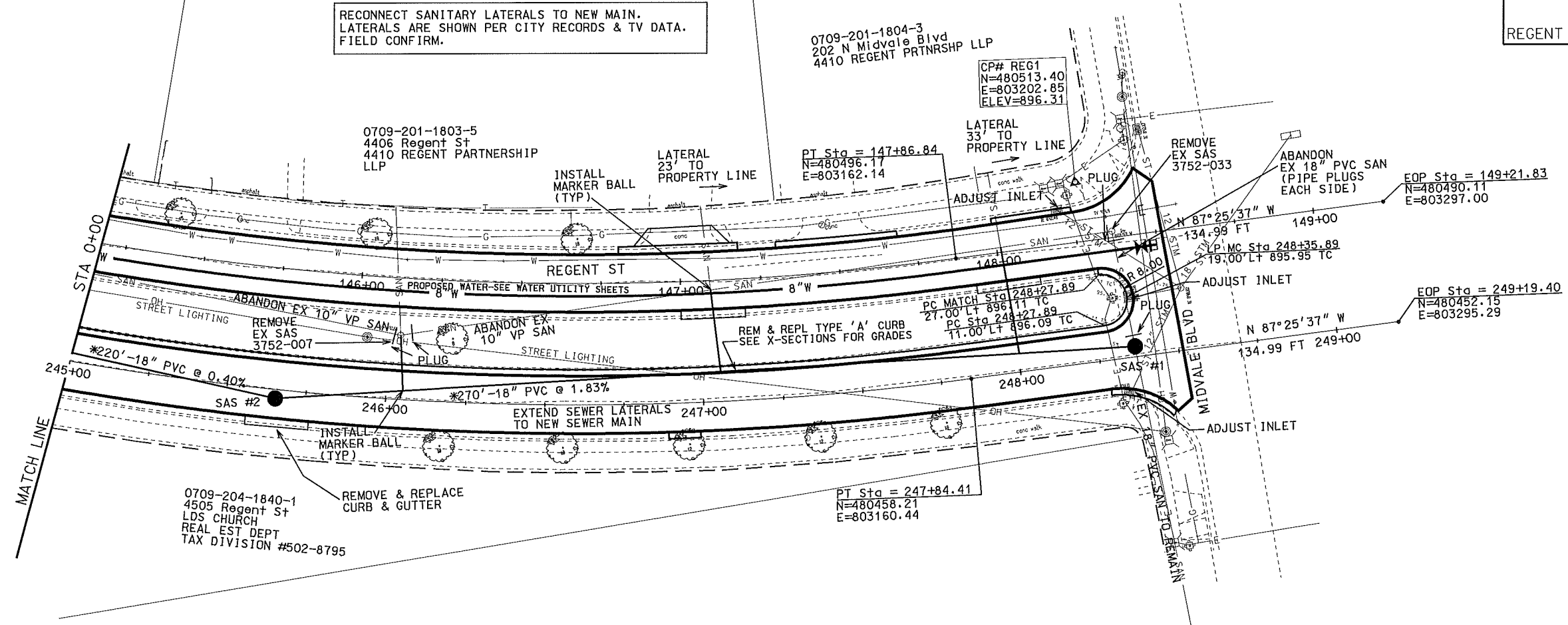
DATE: 4/2/2012

RECONNECT SANITARY LATERALS TO NEW MAIN.
LATERALS ARE SHOWN PER CITY RECORDS & TV DATA.
FIELD CONFIRM.



ORIGINATOR: CITY_OF_MADISON_STREETS_DIVISION

REV. 3/30/2012 ELD



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON STREETS DIVISION

PLOT SCALE: ---

PLOT NAME: ---

REV. DATE: ---

STORM SEWER SCHEDULE

ALIGNMENT CODES:

"WB"=REGENT ST WEST BOUND
"EB"=REGENT ST EAST BOUND
"RP"=RENNEBOHM PARK

REGENT ST RESURFACING WITH UTILITIES PROJECT NO. 53W1425	SHEET NO. U-1
REGENT ST STORM SEWER SCHEDULE CITY OF MADISON	

STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-1	115'WB'+18.87	LT-46.18	3X3 SAS	933.70	928.22	5.48	FP; W/ R-1550-0054; (1)
S-2	114'WB'+84.15	LT-58.90	TERRACE INLET	932.58	928.91	3.67	TYPE 2 PER SDD 5.7.12A
S-3	115'WB'+19.02	LT-13.42	TERRACE INLET	933.33	928.89	4.44	TYPE 2 PER SDD 5.7.12A
S-4	10'RP'+00.00	CL	3X3 SAS	929.00	924.43	4.57	FP; W/ R-1550-0054; (1)
S-5	119'WB'+87.58	LT-10.62	3X3 SAS	935.90	931.50	4.40	W/ R-3067-7004
S-6	220'EB'+03.65	RT-33.91	H INLET	935.92	932.16	3.76	W/ R-3067-7004
S-7	220'EB'+35.05	RT-33.86	H INLET	936.09	932.57	3.52	W/ R-3067-7004

PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-1	S-1	S-2	37	928.72	928.91	0.51%	18"	RCP	-
P-2	S-1	S-3	33	928.72	928.89	0.52%	18"	RCP	-
P-3	S-4	S-5	198	925.43	931.50	3.07%	18"	STORM	(2)
P-4	S-5	S-6	82	931.75	932.16	0.50%	15"	RCP	-
P-5	S-6	S-7	31	932.41	932.57	0.52%	12"	RCP	-

ULO'S

NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES:
ULO-1	220'EB'+03.42	RT-17.31	GAS	-

SPECIFIC NOTES

- (1) CONSTRUCT OVER EX 24" STM & RECONNECT EXISTING STM
(2) NON-METALLIC STORM SEWER 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 ELIA E ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608)264-9275.

ORIGINATOR: CITY OF MADISON STREETS DIVISION

PLOT SCALE: _ _ _ _

PLOT NAME: _ _ _ _

REV. DATE: _ _ _ _

SANITARY SCHEDULE

ALIGNMENT CODES:

"WB"=REGENT ST WEST BOUND
"EB"=REGENT ST EAST BOUND

REGENT ST RESURFACING WITH UTILITIES
PROJECT NO. 53W1425

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
SAS#1	248'EB'+36.48	LT-3.29	895.78	885.48	10.30	-
SAS#2	245'EB'+65.41	RT-2.75	904.73	890.52	14.21	-
SAS#3	243'EB'+45.28	CL	908.52	891.50	17.02	-
SAS#4	240'EB'+12.84	CL	904.20	892.93	11.27	-
SAS#5	239'EB'+45.30	CL	904.11	893.30	10.81	-
SAS#6	239'EB'+20.56	CL	904.00	894.00	10.00	-
SAS#7	236'EB'+50.00	CL	918.23	906.73	11.50	-

PROPOSED SANITARY PIPES

FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	EI # (DWNSTRM)	EI # (UPSTRM)	LENGTH (FT)	SLOPE (%)	SIZE (DIA)	PVC TYPE	NOTES:
SAS#1	SAS#2	885.58	890.52	270	1.83%	18"	SDR-26	-
SAS#2	SAS#3	890.62	891.50	220	0.40%	18"	SDR-26	-
SAS#3	SAS#4	891.60	892.93	332	0.40%	18"	SDR-26	-
SAS#4	SAS#5	893.03	893.30	67	0.40%	18"	AWWA C900	-
SAS#5	SAS#6	893.90	894.00	25	0.40%	18"	SDR-26	-
SAS#6	SAS#7	894.67	906.73	270	4.47%	10"	SDR-35	-
SAS#7	3652-004	906.83	909.90	44	6.98%	10"	SDR-35	-

ABANDON SANITARY STRUCTURES

STRUC.	STATION	LOCATION (OFFSET)	NOTES
3652-005	136'WB'+37.03	RT-18.25	-
3652-006	140'WB'+26.93	RT-18.46	-

SANITARY SEWER PIPE ABANDONMENT

ABANDON FROM	ABANDON TO	LENGTH (FT)	PAID (Y/N)	SIZE	TYPE	NOTES
3652-004	3652-005	313	Y	8"	VP	PLUGS
3652-005	SAS#6	20	Y	10"	VP	PLUGS
3652-005	3652-006	90	Y	10"	VP	PLUGS
3652-005	139'WB'+36.78 LT-14.25	33	Y	8"	VP	PLUGS
3652-006	SAS#4	20	Y	8"	VP	PLUGS
3652-006	3752-006	299	Y	10"	VP	PLUGS
3752-006	3752-007	291	Y	10"	VP	PLUGS
3752-007	3752-033	225	Y	10"	VP	PLUGS
3752-033	SAS#1	37	Y	18"	PVC	PLUGS

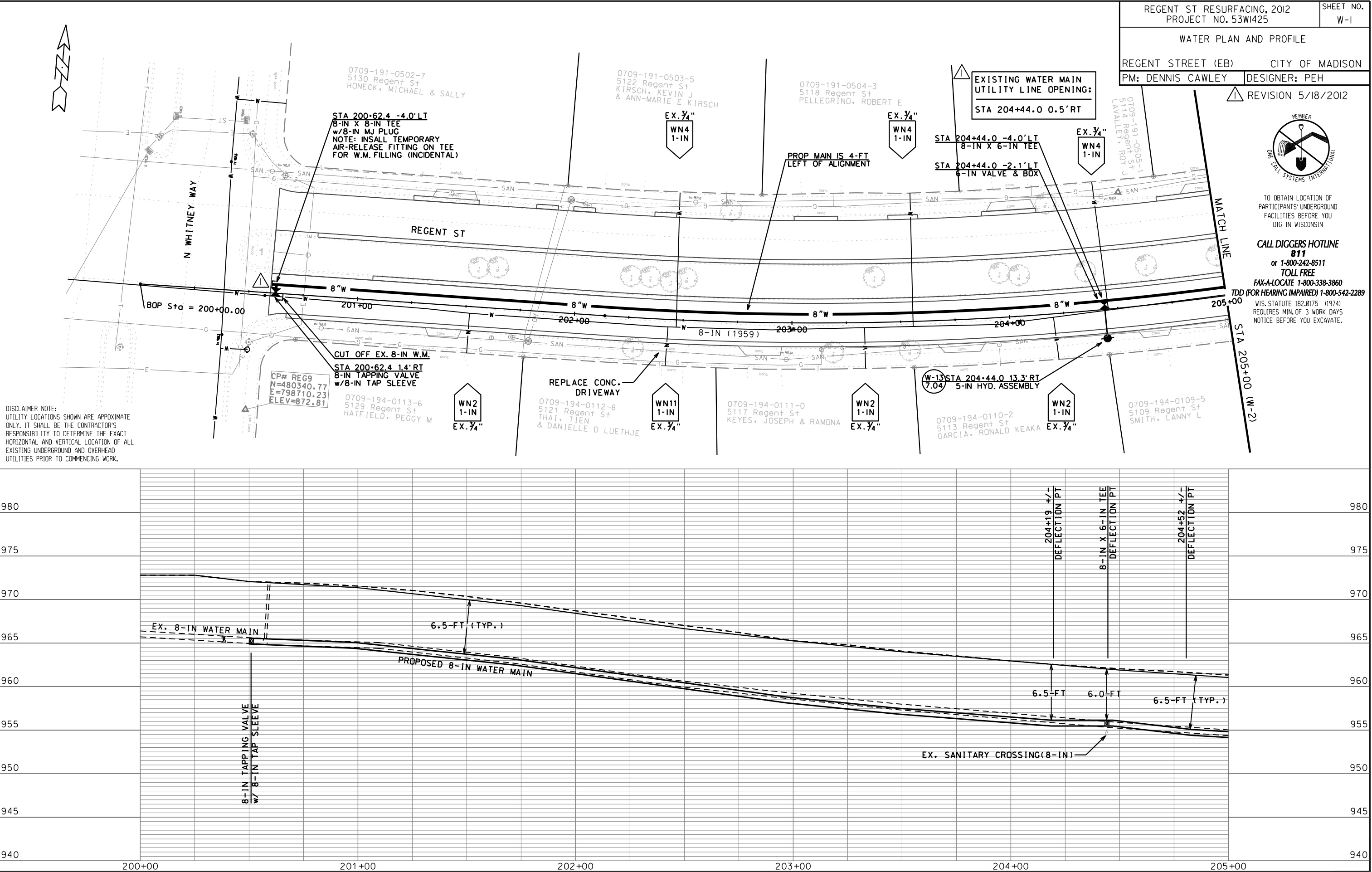
REMOVE SANITARY STRUCTURES

STRUC.	STATION	LOCATION (OFFSET)	NOTES
3752-033	148'WB'+36.27	LT 2.02	-
3752-007	146'WB'+13.21	RT-17.86	-
3752-006	143'WB'+25.52	RT-18.77	-

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT NAME:
PLOT SCALE:
REV. DATE:

DISCLAIMER NOTE:
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REGENT ST RESURFACING, 2012
PROJECT NO. 53WI425

SHEET NO.
W-1

WATER PLAN AND PROFILE

REGENT STREET (EB) CITY OF MADISON

PM: DENNIS CAWLEY DESIGNER: PEH

REVISION 5/18/2012



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.

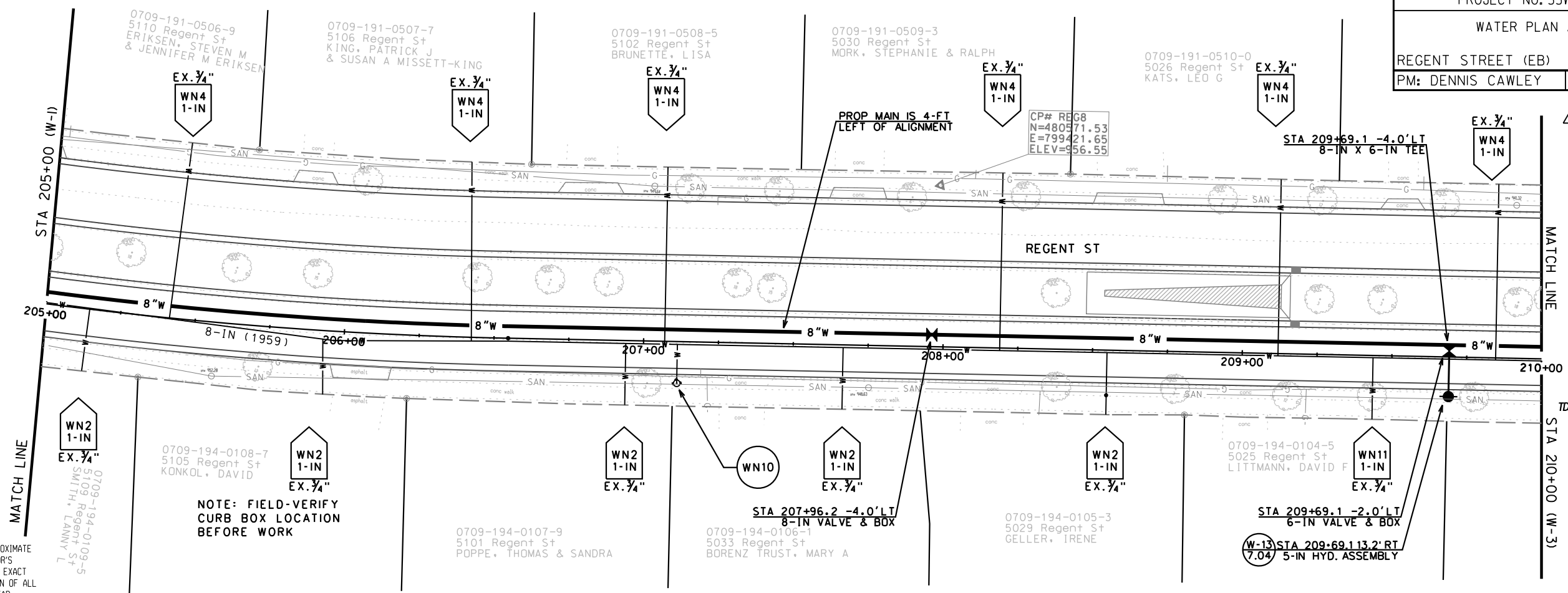
REVISION 5/18/2012



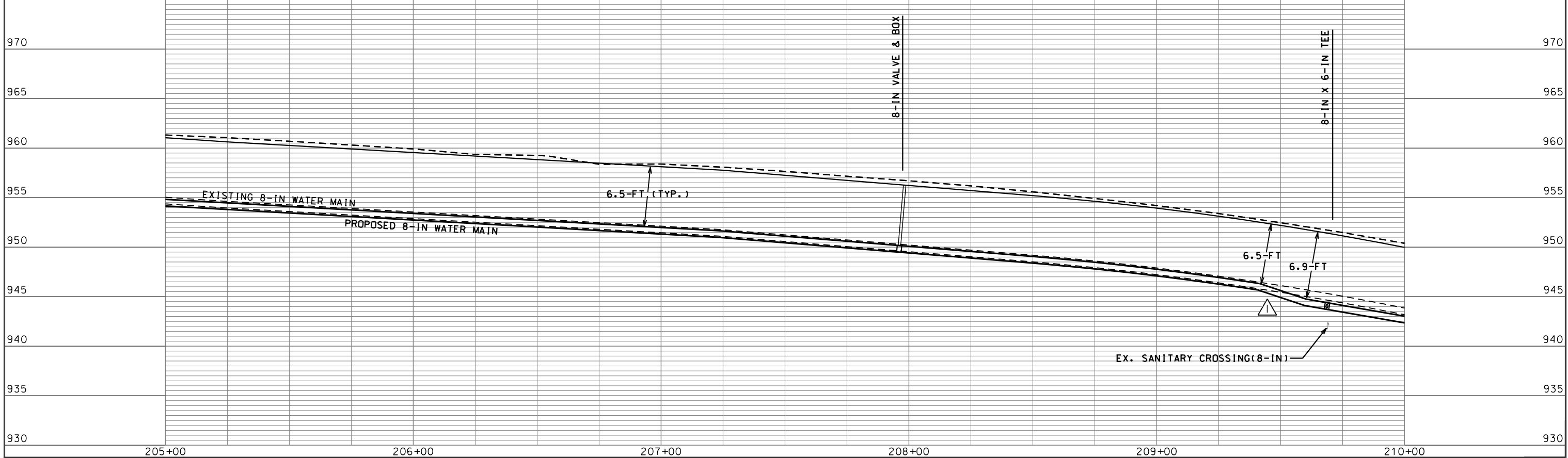
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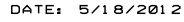
PM: DENNIS CAWLEY	DESIGNER: PEH
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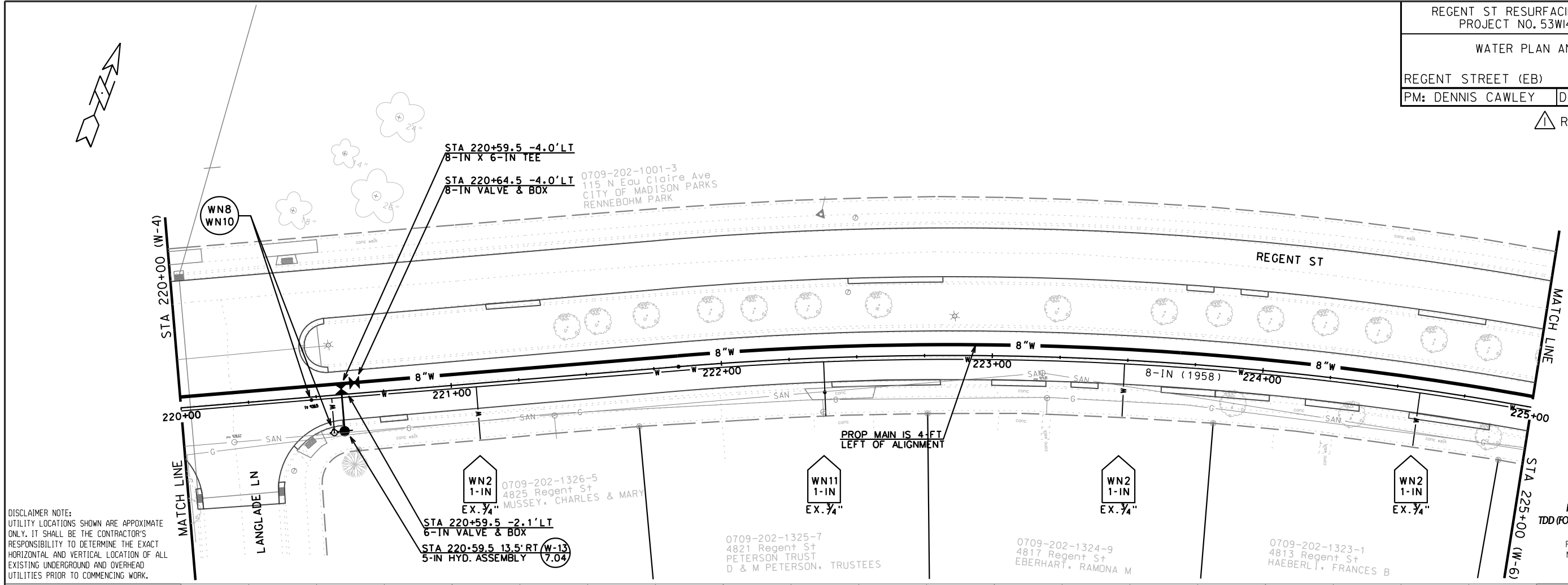
0709-202-1001-3
115 N Eau Claire Ave
CITY OF MADISON PARKS
RENNEBOHM PARK



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

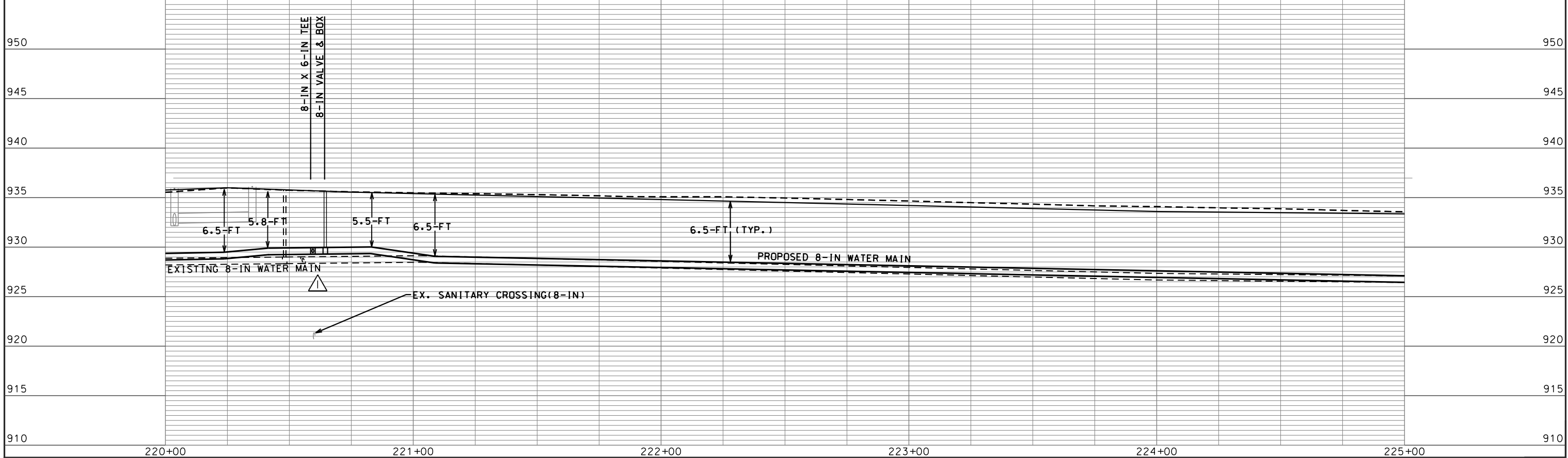
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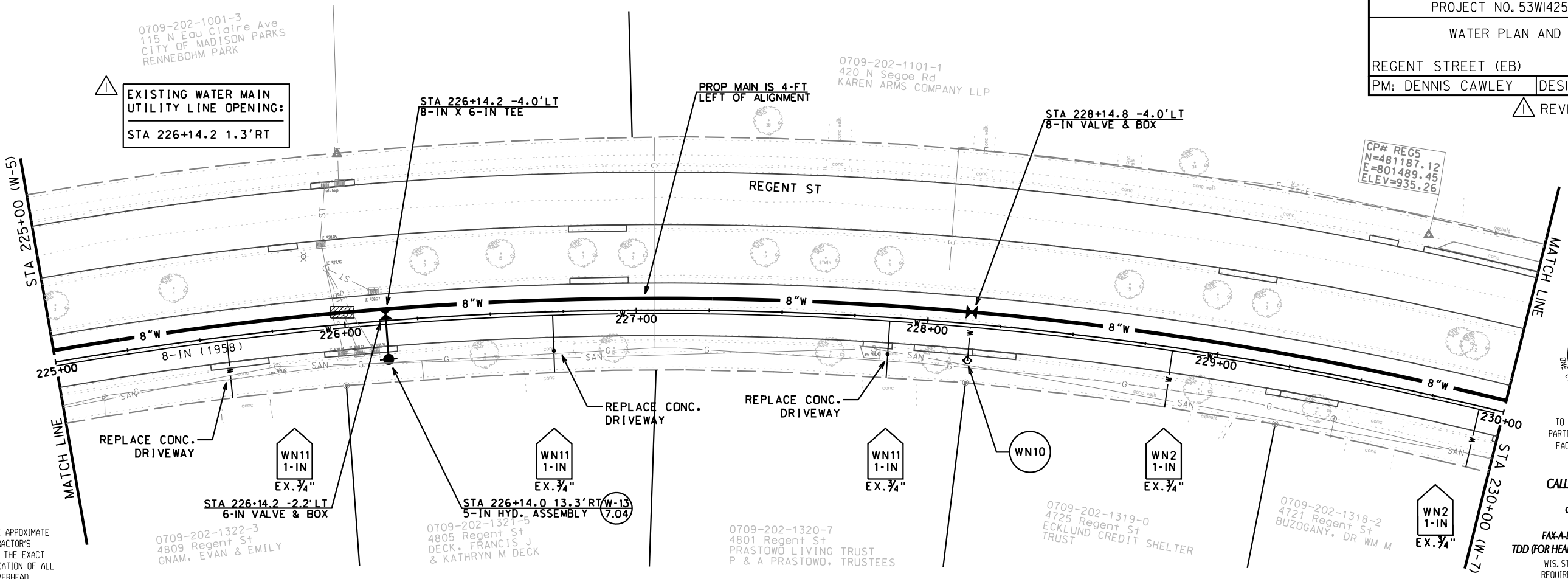




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or 1-800-242-8511
TOLL FREE
FAX-A-LOCATE 1-800-338-3860
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WIS. STATUTE 182.0175 (1974)
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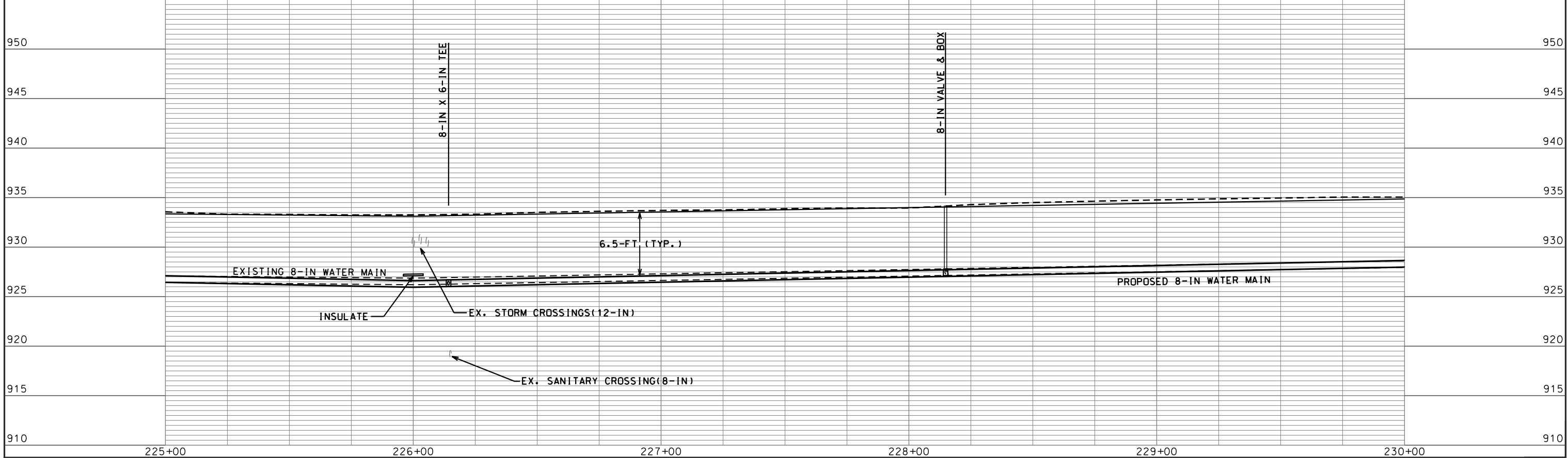


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or 1-800-242-8511
TOLL FREE

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REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.



ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: 1"=40'

PLOT NAME: REGENT ST WATER MAIN

REV. DATE: 5/18/2012

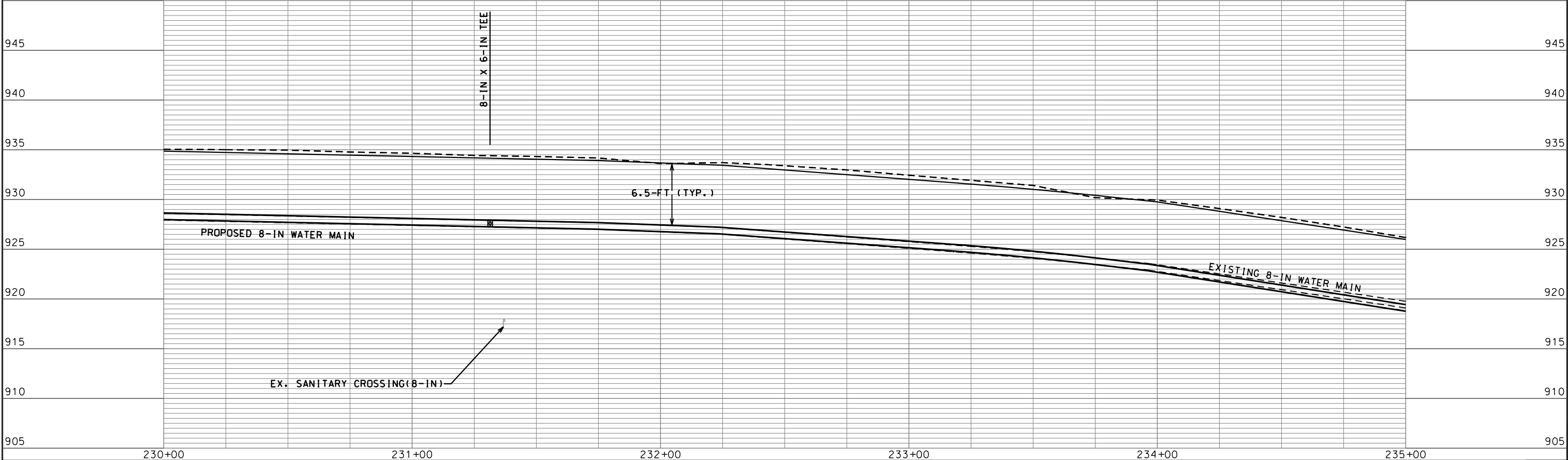
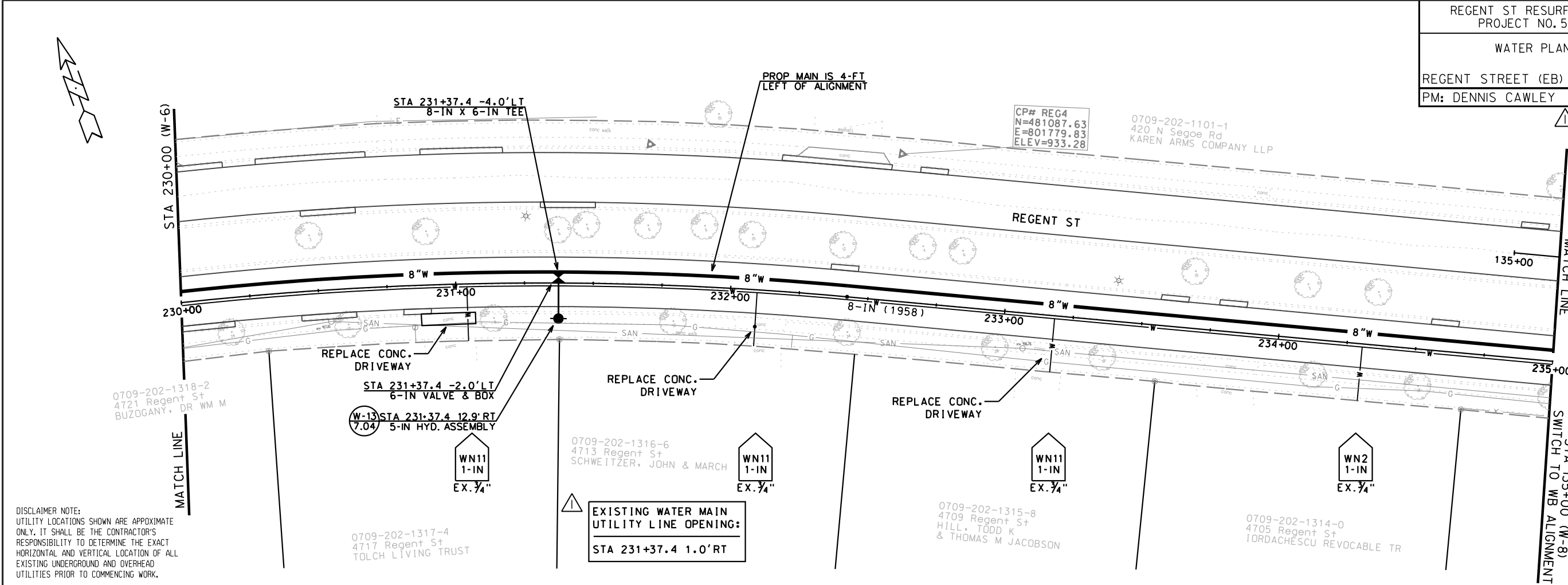


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or 1-800-242-8511
TOLL FREE

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0709-202-1313-2
4702 Lafayette Dr
CAULKINS, DAVID & JANET

0709-203-0101-0
4701 Lafayette Dr
KOWALSKI JOINT REV TRUST
R K & M A KOWALSKI TR

0709-203-0129-2
4605 Regent St
WOLFGAM, BEVERLY E
& ANN PAULEN

0709-203-0128-4
2 S Segoe Rd
DOWNS, CAROL
& MOISES VALERIANO

0709-202-1101-1
420 N Segoe Rd
KAREN ARMS COMPANY LLP

NOTE: LOCATE COPPER SERVICE
BEYOND EX. 4-IN VALVE;
EXTEND SERVICE TO NEW
8-IN WATER MAIN

EX. 2"
SEE NOTE
WN2
2-IN

CP# REG3
N=480812.35
E=802370.24
ELEV=903.78

REGENT ST RESURFACING, 2012
PROJECT NO. 53W1425

SHEET NO.
W-8

WATER PLAN AND PROFILE

REGENT STREET (WB) CITY OF MADISON
PM: DENNIS CAWLEY DESIGNER: PEH

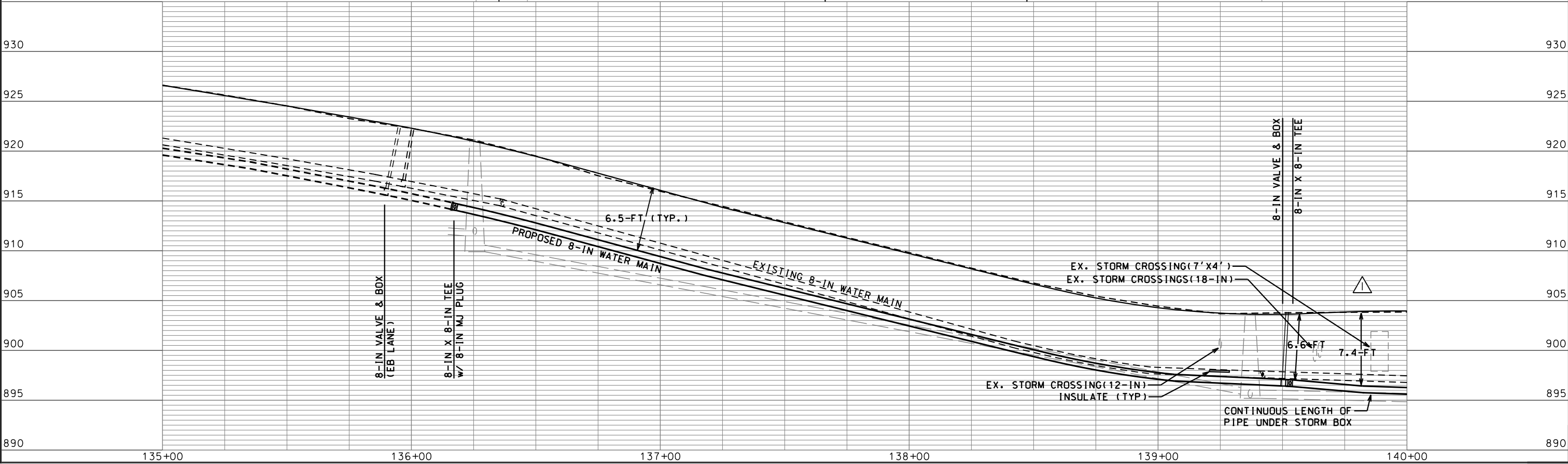
REVISION 5/18/2012



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



REAGENT STREET (WB)	CITY OF MADISON
PM: DENNIS CAWLEY	DESIGNER: PEH

REVISION 5/18/2012

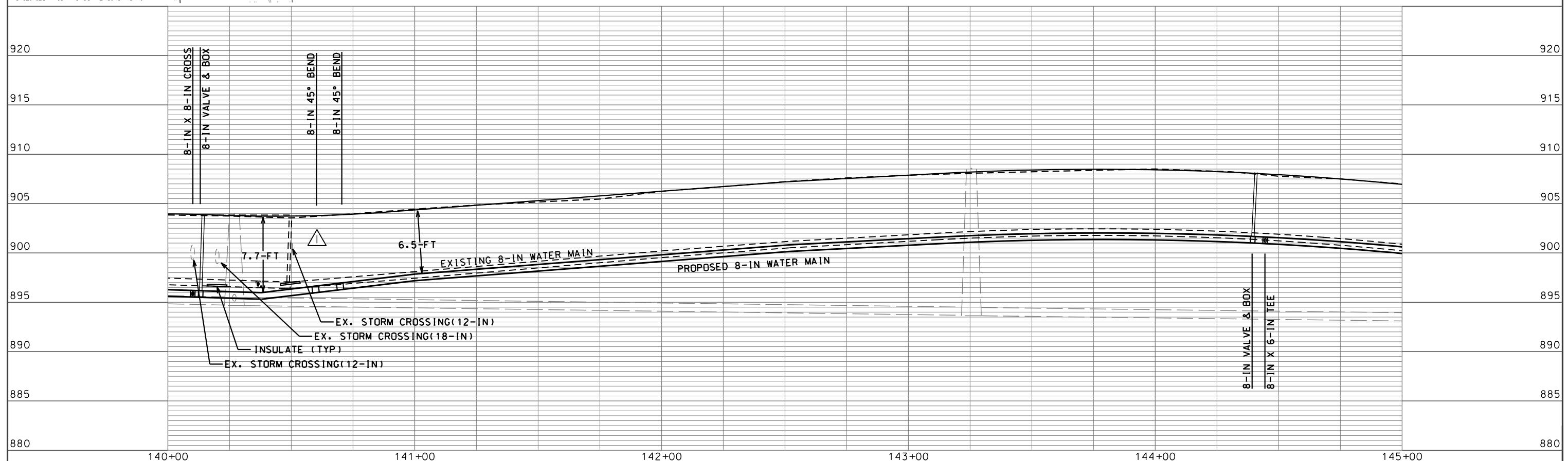


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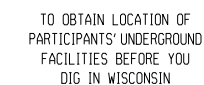
FAX-A-LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289
WIS. STATUTE 182.0175 (1974)
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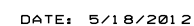
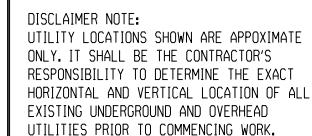
PM: DENNIS CAWLEY	DESIGNER: PEH
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△ REVISION 5/18/2012



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.



ORIGINATOR: CITY_OF_MADISON..STREETS_DIVISION

PLOT SCALE:

PLOT NAME:

REV. DATE:

DISCLAIMER NOTE:
THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES
TO AIDE PLANNING CONNECTION POINT ISOLATION AND PREPARING
NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY
ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.

REVISION 05.18.2012

CUT OFF EX. 6-IN W.M:

•ISOLATING VALVES:
-V001, V002, V008, V010

•NOTIFICATIONS:

-N EAU CLAIRE AVE.: 2, 115
-BUFFALO TRL.: 5002
-SHEBOYGAN AVE.: 4901, 5001

REGENT ST RESURFACING, 2012
PROJECT NO. 53WI425

SHEET NO.
W-II

WATER SERVICE IMPACT PLAN

FOR REFERENCE ONLY CITY OF MADISON

PM: DENNIS CAWLEY DESIGNER: PEH

CUT OFF EX. 6-IN W.M:

•ISOLATING VALVES:
-V001, V004, V009

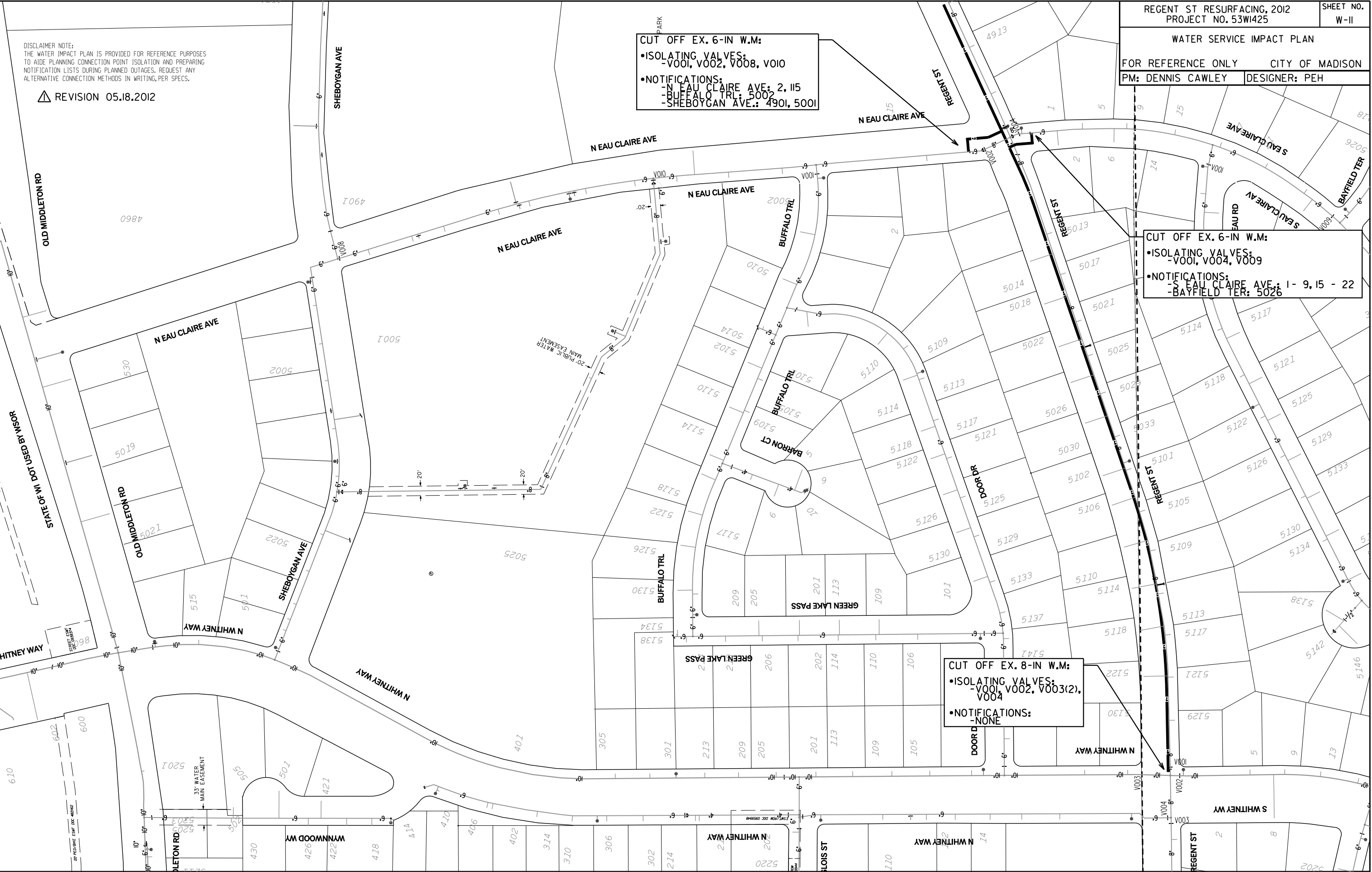
•NOTIFICATIONS:

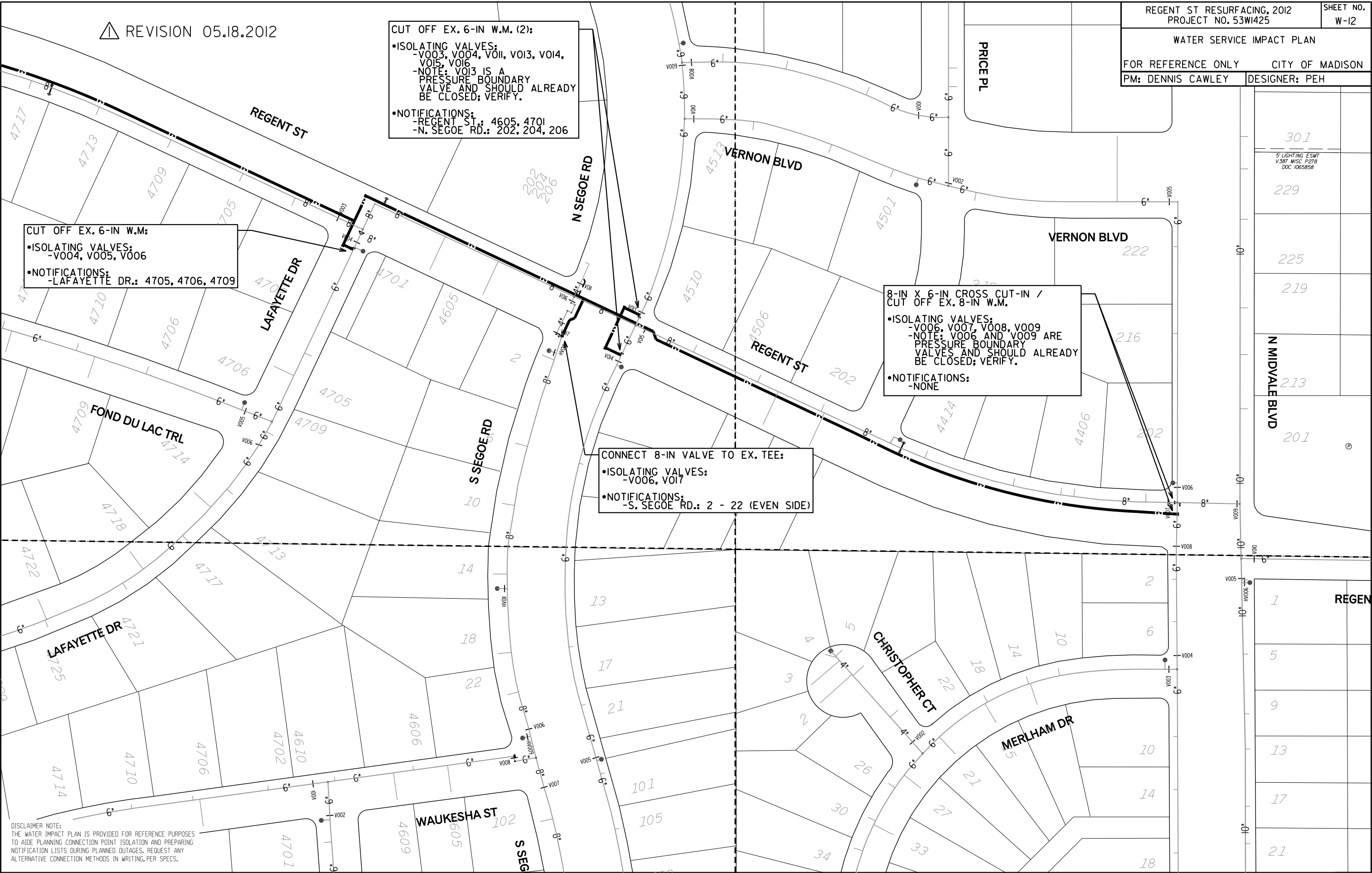
-S EAU CLAIRE AVE.: 1- 9, 15 - 22
-BAYFIELD TER.: 5026

CUT OFF EX. 8-IN W.M:

•ISOLATING VALVES:
-V001, V002, V003(2),
V004

•NOTIFICATIONS:
-NONE





301	
5' LIGHTING ESMT V387, MISC P278 DOC 1065858	
229	
225	
219	
N MIDVALE BLVD	
213	
201	
1	REGEN
5	
9	
13	
17	
21	

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR:

REGENT ST RESURFACING, 2012 PROJECT NO. 53WI425		SHEET NO. W-13
WATER ESTIMATE OF MATERIALS		
WATER UTILITY		CITY OF MADISON
PM: DENNIS CAWLEY	DESIGNER: PEH	

CONSTRUCTION NOTES:

- 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.
 - VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
 - MINIMIZE DISTRUPTION OF SERVICE TO EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
 - EXISTING WATER MAIN SHALL REMAIN IN SERVICE UNTIL NEW WATER MAIN IS TESTED AND ACCEPTED BY MADISON WATER UTILITY AND ALL SERVICES ARE RECONNECTED.
 - THE EXISTING UTILITIES SHOWN ON THIS PLAN REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN PREPARATION. LOCATE EACH UTILITY PRIOR TO COMMENCING WORK.
- WN1 REPLACE THE EXISTING LEAD SERVICE WITH A COPPER SERVICE.
- WN2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER 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.
- 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/SALVAGE HYDRANT.
- WN11 REPLACE THE EXISTING COPPER SERVICE WITH A NEW COPPER SERVICE.



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811
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TOLL FREE

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TDD (FOR HEARING IMPAIRED) 1-800-542-2289

WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
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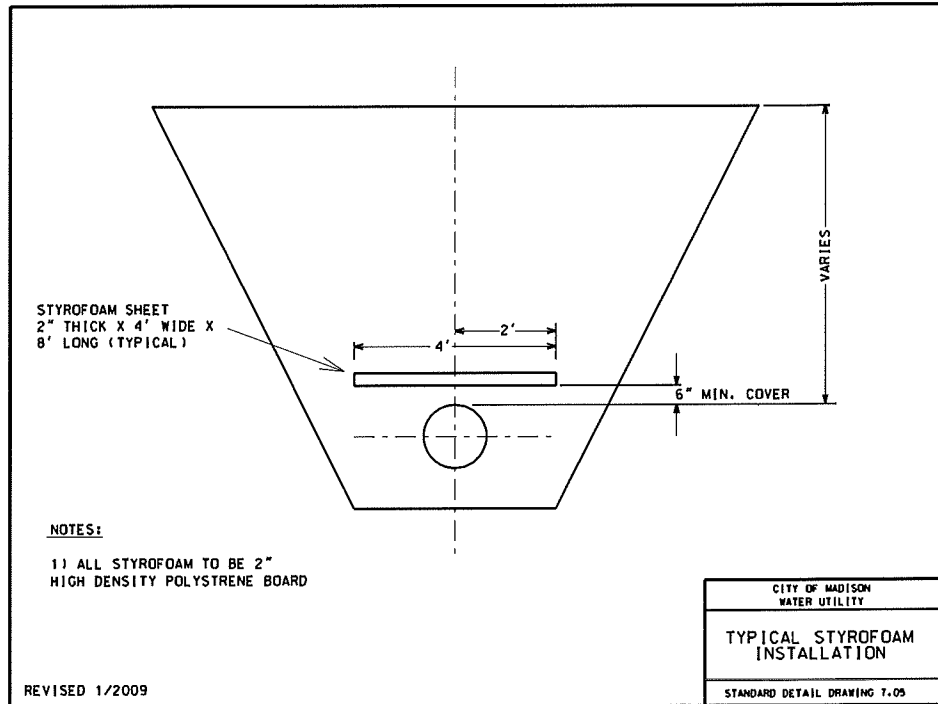
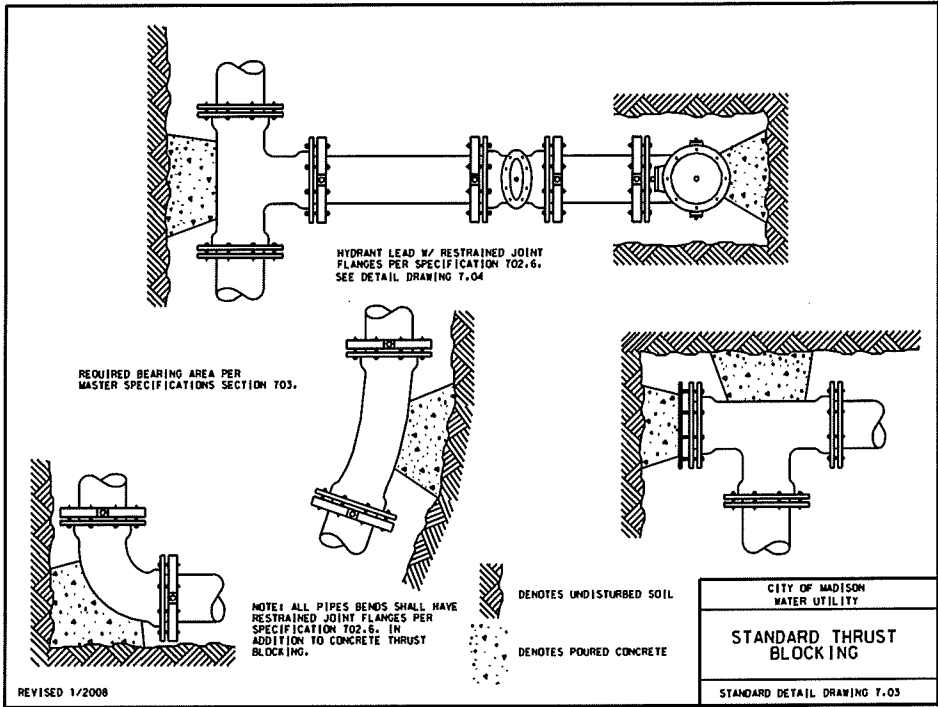
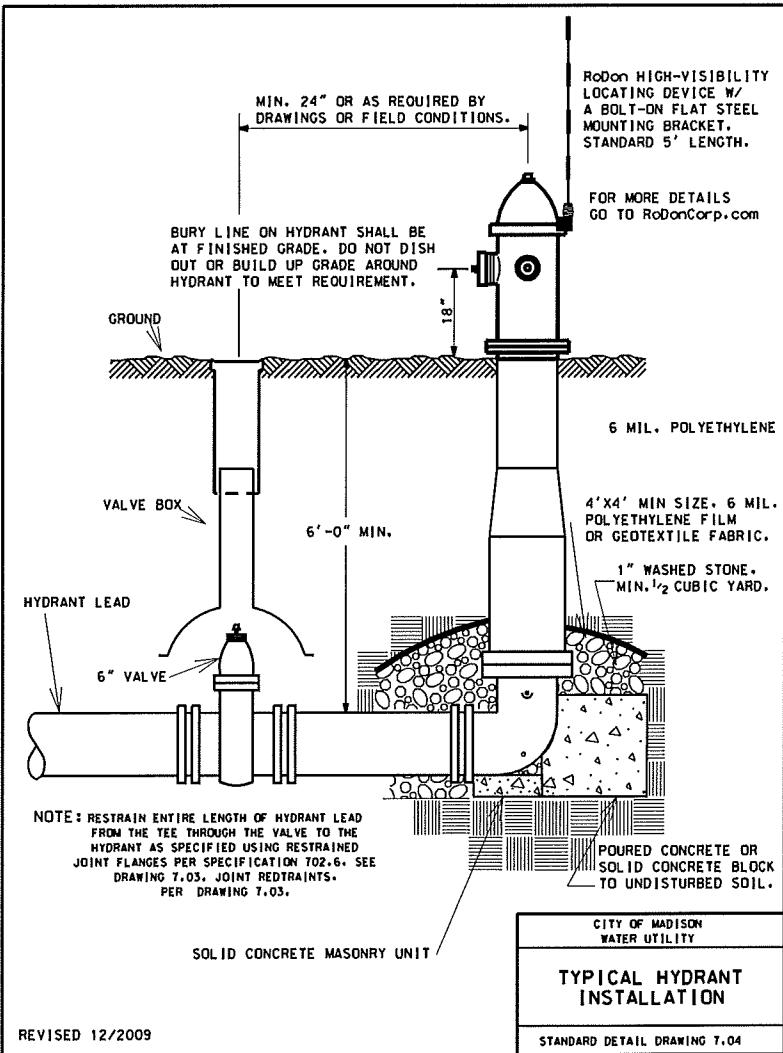
ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

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

- 252-FT - 6-IN PIPE
5,130-FT - 8-IN PIPE
5,980-FT - POLYWRAP
5,382-FT - SELECT FILL
8 - 6-IN VALVE AND BOX
11 - 8-IN VALVE AND BOX
13 - 8-IN X 6-IN TEE
6 - 8-IN X 8-IN TEE
1 - 8-IN X 6-IN CROSS
1 - 8-IN X 8-IN CROSS
2 - 8-IN X 12-IN OFFSET FITTING
2 - 8-IN 22.5° BEND
4 - 8-IN 45° BEND
1 - 4-IN CAP
6 - 6-IN CAP
1 - 8-IN CAP
9 - 8-IN MJ PLUG
8 - 5-IN HYDRANT
1-IN COPPER TUBING (AS REQUIRED)
1 1/2-IN COPPER TUBING (AS REQUIRED)
2-IN COPPER TUBING (AS REQUIRED)
120-FT - 2-IN STYROFOAM INSULATION

MATERIALS SUPPLIED BY CITY:

- 5 - 6-IN X 6-IN TAPPING SLEEVE
1 - 8-IN X 8-IN TAPPING SLEEVE
5 - 6-IN TAPPING VALVE AND BOX
1 - 8-IN TAPPING VALVE AND BOX



ELECTRICAL PLAN

REGENT ST

CITY OF MADISON

3/23/12 KF SL1211.dgn
5/24/12 REV. KF

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 MARKED.
2. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2012 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.
3. THE CONTRACTOR SHALL CALL MIKE CHRISTOPH (266-9031) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF BURYING CONDUIT TO ARRANGE FOR INSPECTION. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.

LEGEND

-  ELECTRICAL HANDHOLE TYPE I
-  ELECTRICAL HANDHOLE TYPE III
-  INSTALL PVC (3" UNLESS NOTED)
-  EXISTING CONDUIT
-  EXISTING STREETLIGHT
-  EXISTING ELECTRICAL HANDHOLE
-  EXISTING SIGNAL
-  EXISTING CONTROLLER
-  ELECTRICAL HANDHOLE TYPE V
-  DETECTOR LOOPS 6'x6' INSTALLED BY CITY TRAFFIC ENGINEERING

MINIMUM DEPTH OF CONDUIT= 30 INCHES

TYPICAL EXCAVATION
FOR CURB AND GUTTER

TRENCH FOR ELECTRICAL CONDUIT

SAND BACK FILL

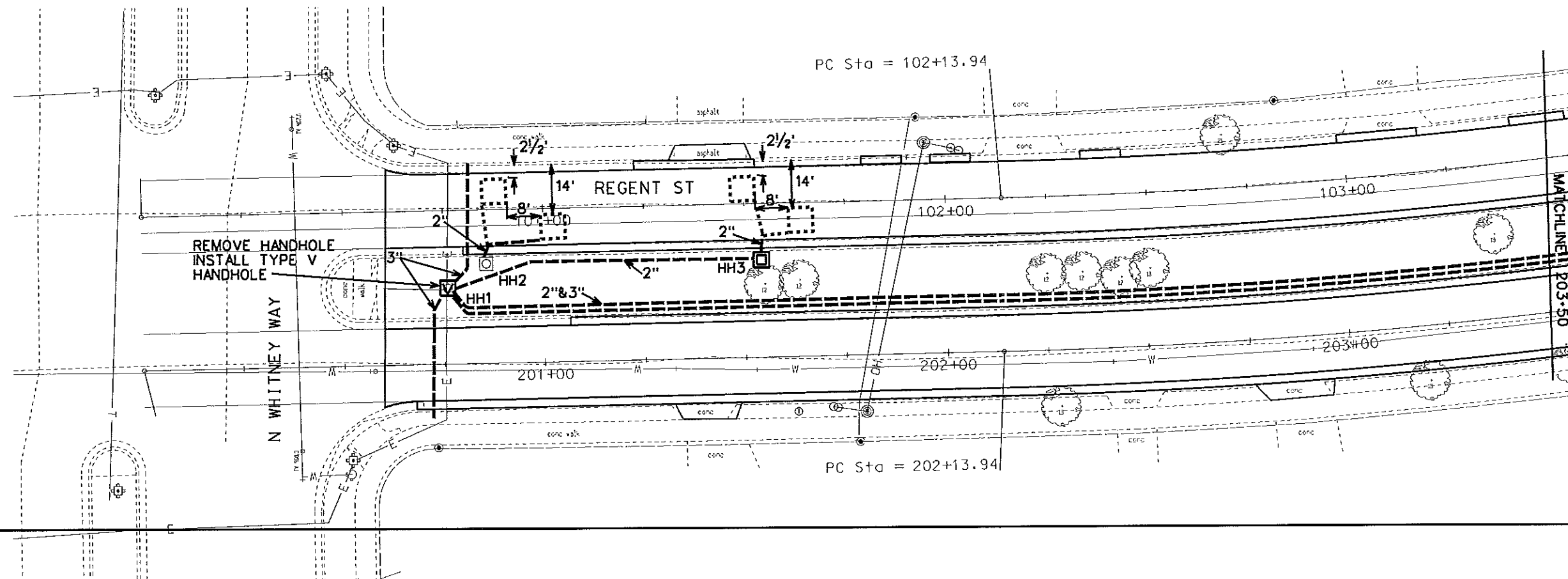
PVC CONDUIT TO BE INSTALLED

CONCRETE CURB
& GUTTERSTONE SUB-BASE AND
UNDERDRAIN IF REQUIRED

NOTE:

TRENCH FOR CONDUIT SHALL NOT
EXTEND BEYOND THE EDGE OF
EXCAVATION FOR CURB AND GUTTER

TYPICAL CONDUIT INSTALLATION PARALLEL TO CURB AND GUTTER



NOTE SCALE CHANGE THIS SHEET.
SCALE: 1"=40'

PROJECT NO. 53W1425

SHEET NO.
E2

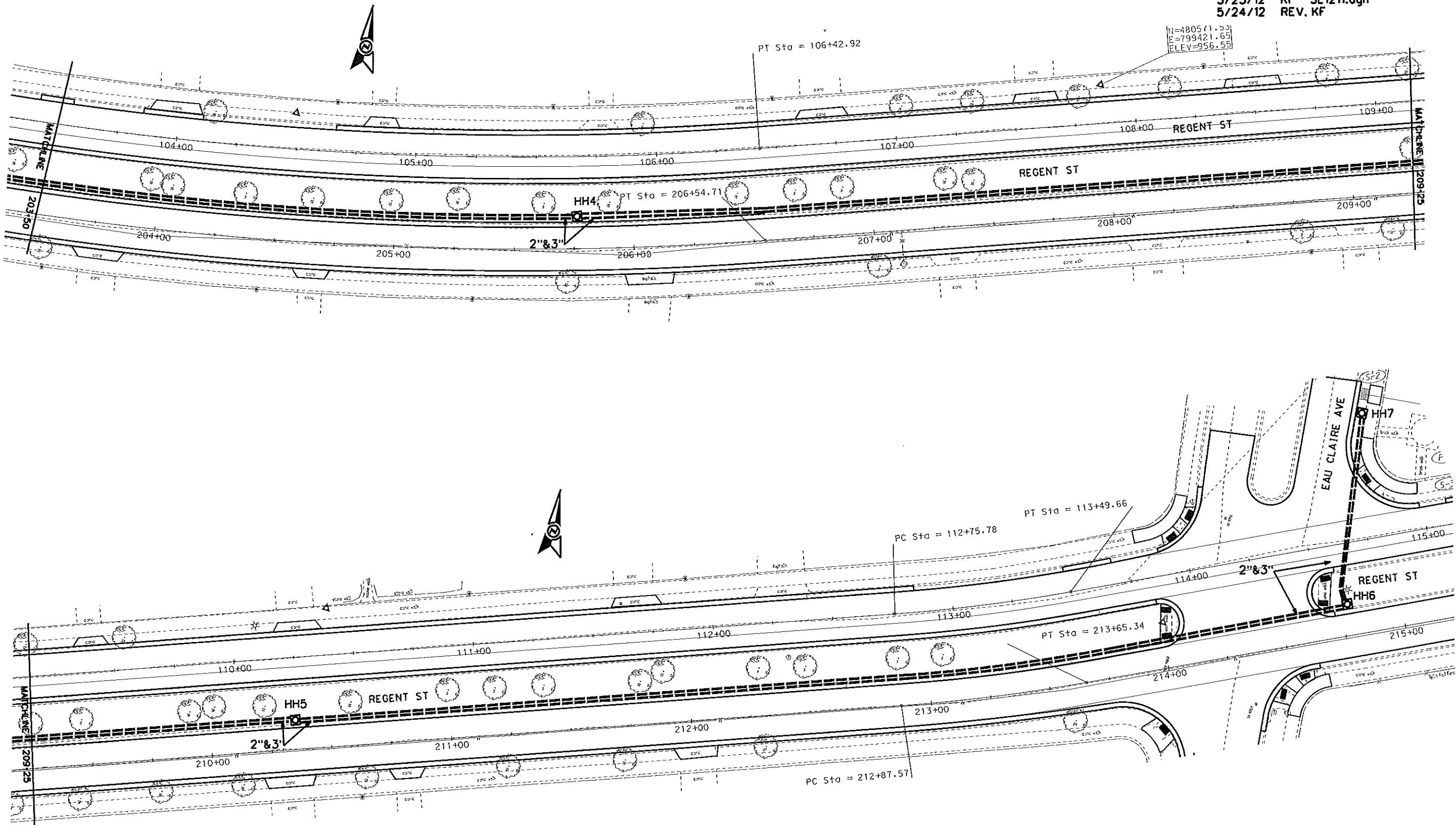
ELECTRICAL PLAN

REGENT ST

CITY OF MADISON

3/23/12 KF SL1211.dgn
5/24/12 REV. KF

N=4805/1.53
E=799421.65
ELEV=956.55



SCALE: 1"=30'

PROJECT NO. 53W1425

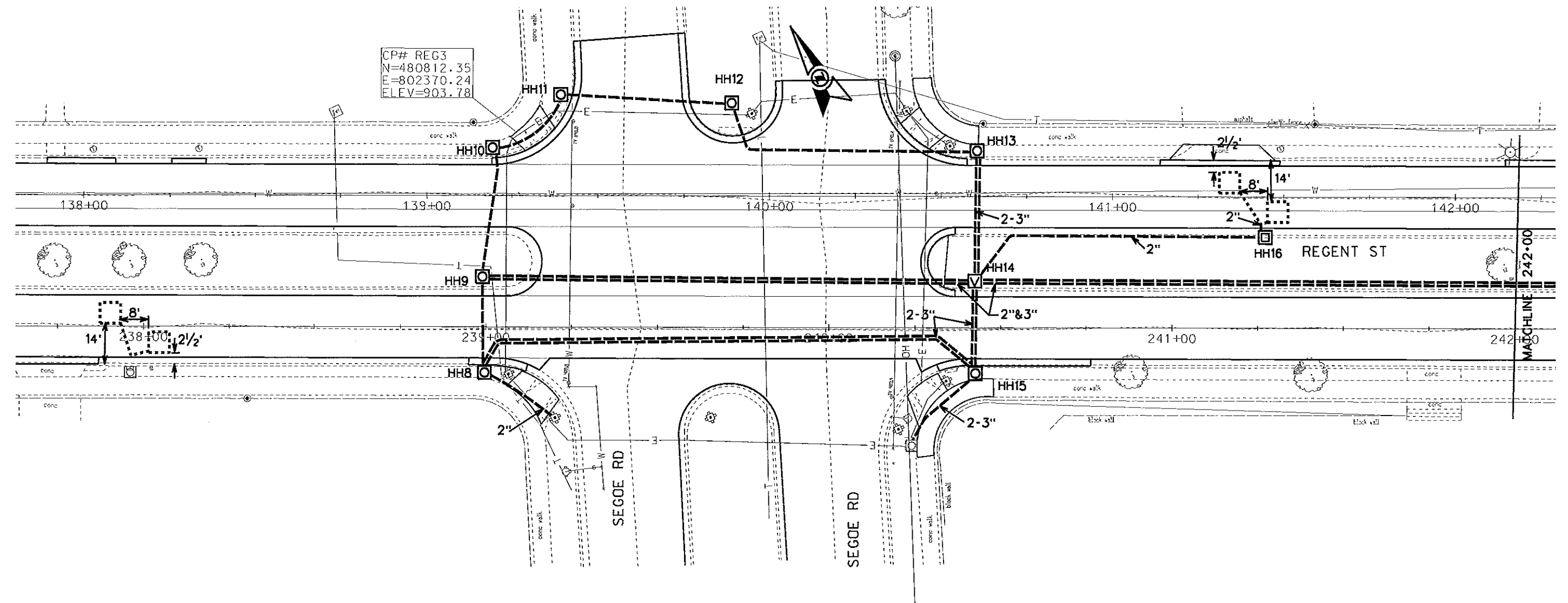
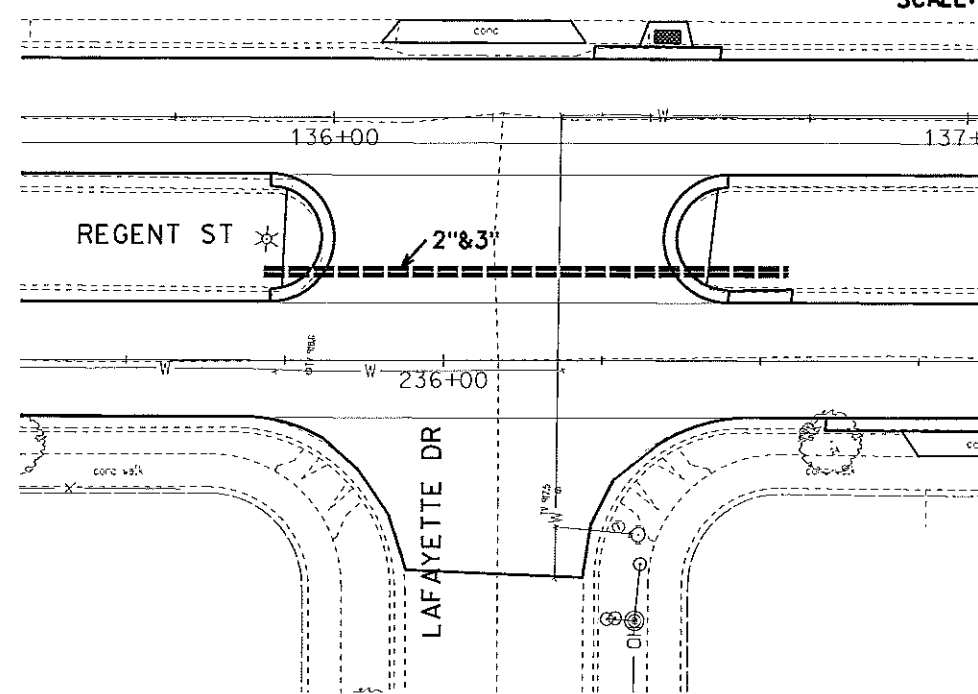
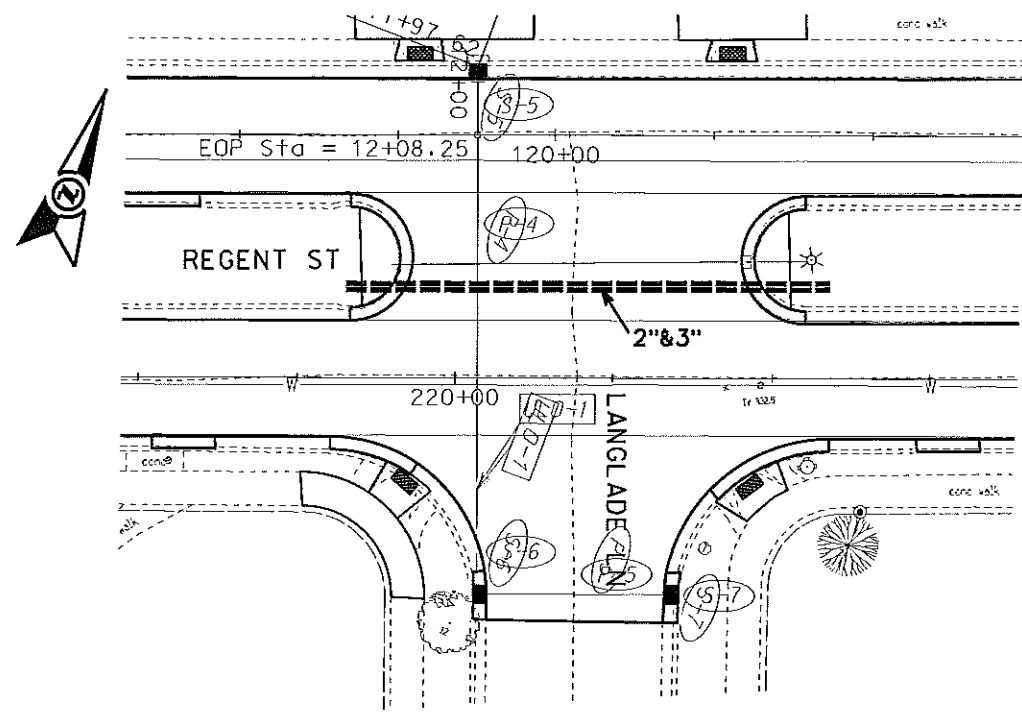
SHEET NO.
E3

ELECTRICAL PLAN

REGENT ST

CITY OF MADISON

3/23/12 KF SL1211.dgn
5/24/12 REV. KF



SCALE: 1"=30'

PROJECT NO. 53W1425

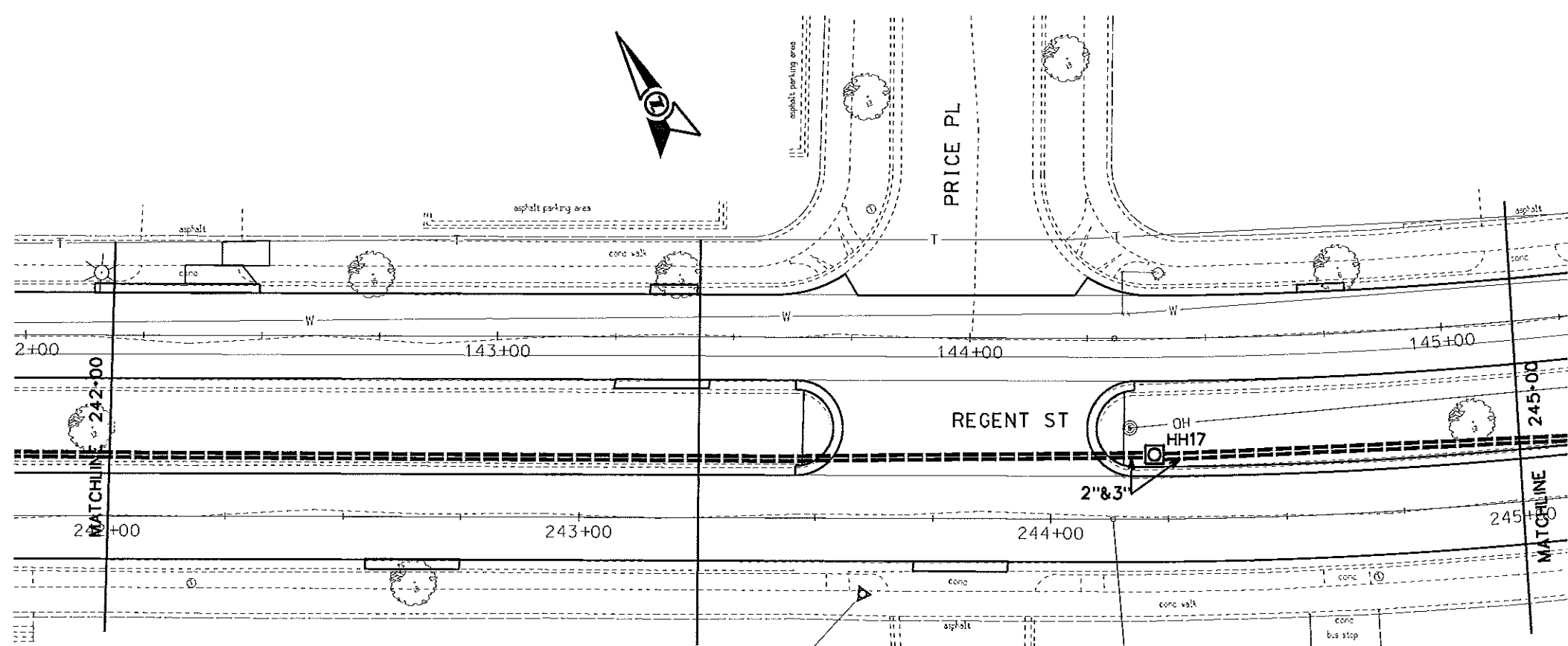
SHEET NO.
E4

ELECTRICAL PLAN

REGENT ST

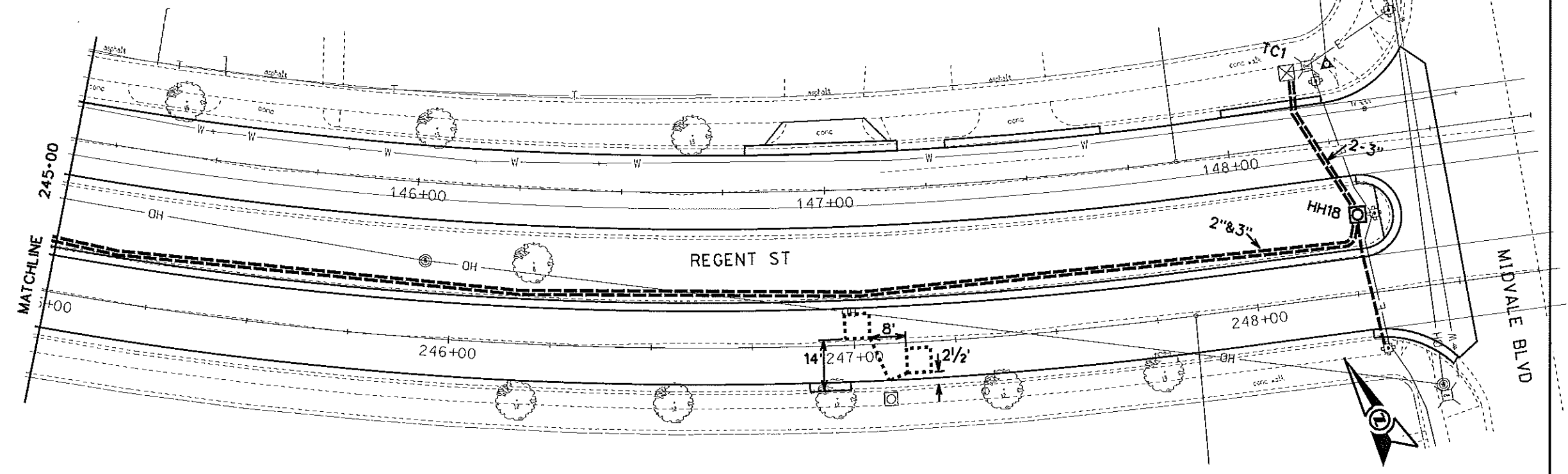
CITY OF MADISON

3/23/12 KF SL1211.dgn
5/24/12 REV. KF

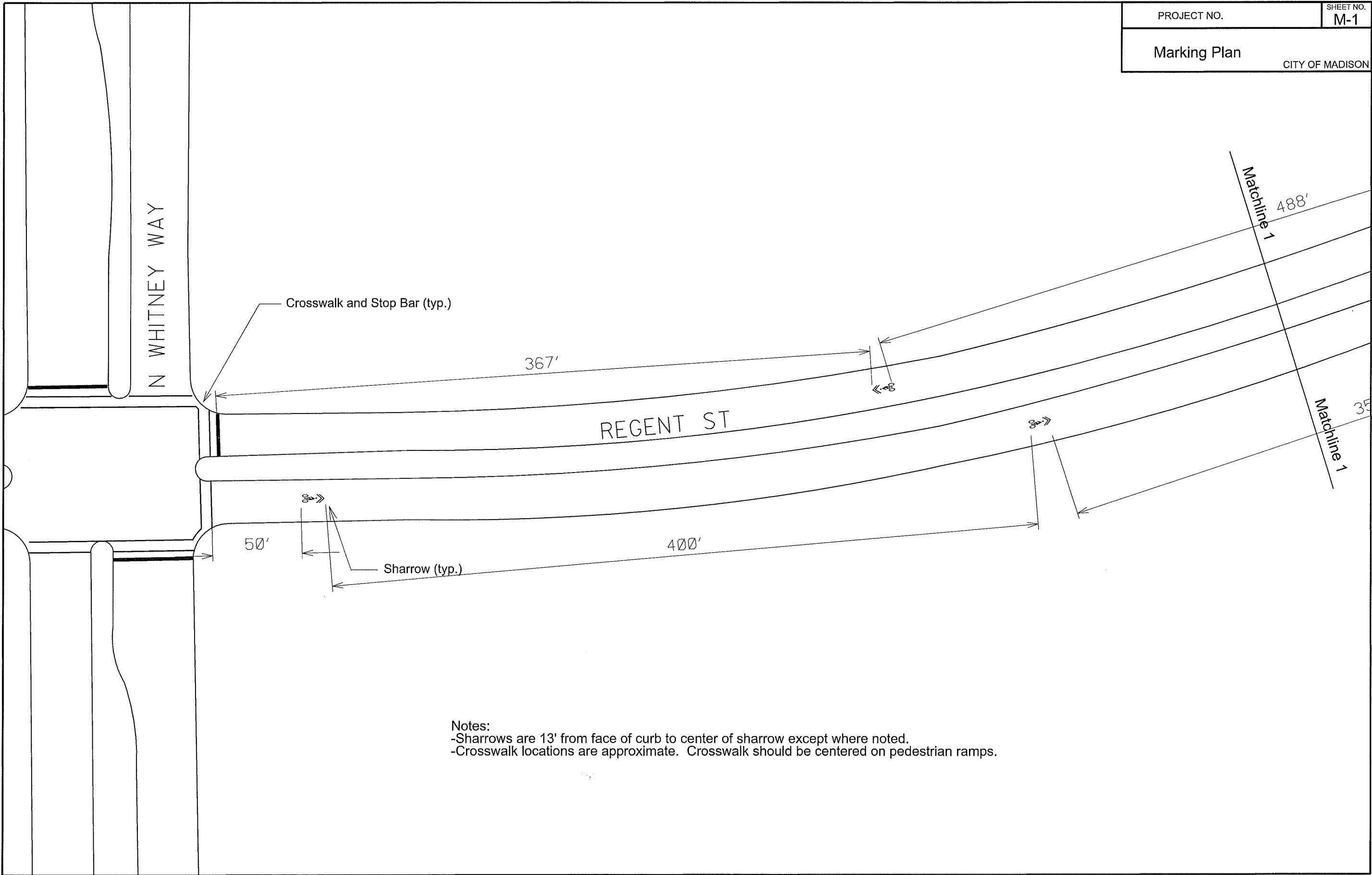


CP# REG2
N=480554.96
E=803202.85
ELEV=896.31

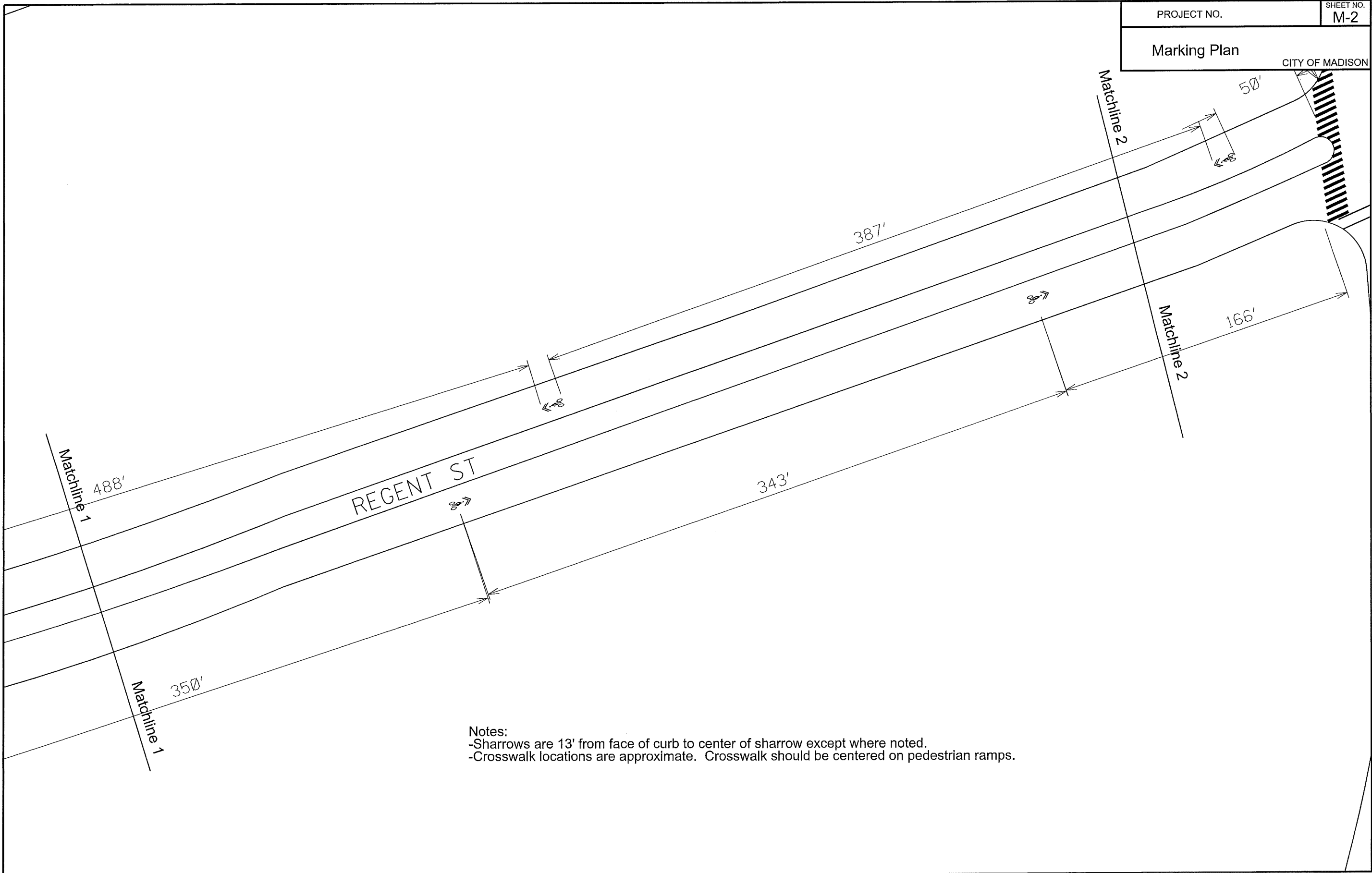
CP# REG1
N=480513.40
E=803202.85
ELEV=896.31



ORIGINATOR: CITY OF MADISON, TRAFFIC ENGINEERING



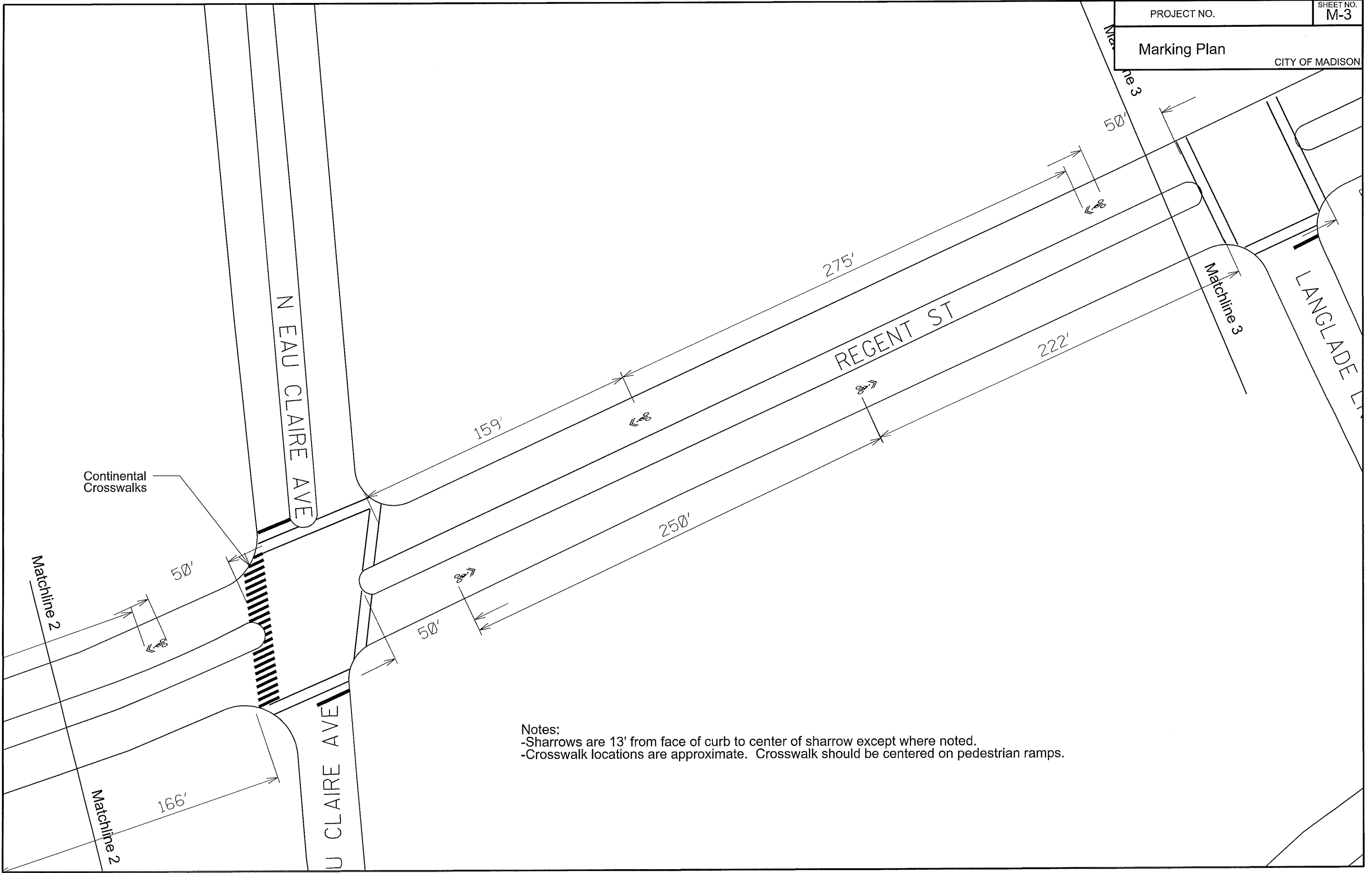
Notes:
-Sharrows are 13' from face of curb to center of sharrow except where noted.
-Crosswalk locations are approximate. Crosswalk should be centered on pedestrian ramps.



PROJECT NO.	SHEET NO. M-2
Marking Plan	
CITY OF MADISON	

Notes:
-Sharrows are 13' from face of curb to center of sharrow except where noted.
-Crosswalk locations are approximate. Crosswalk should be centered on pedestrian ramps.

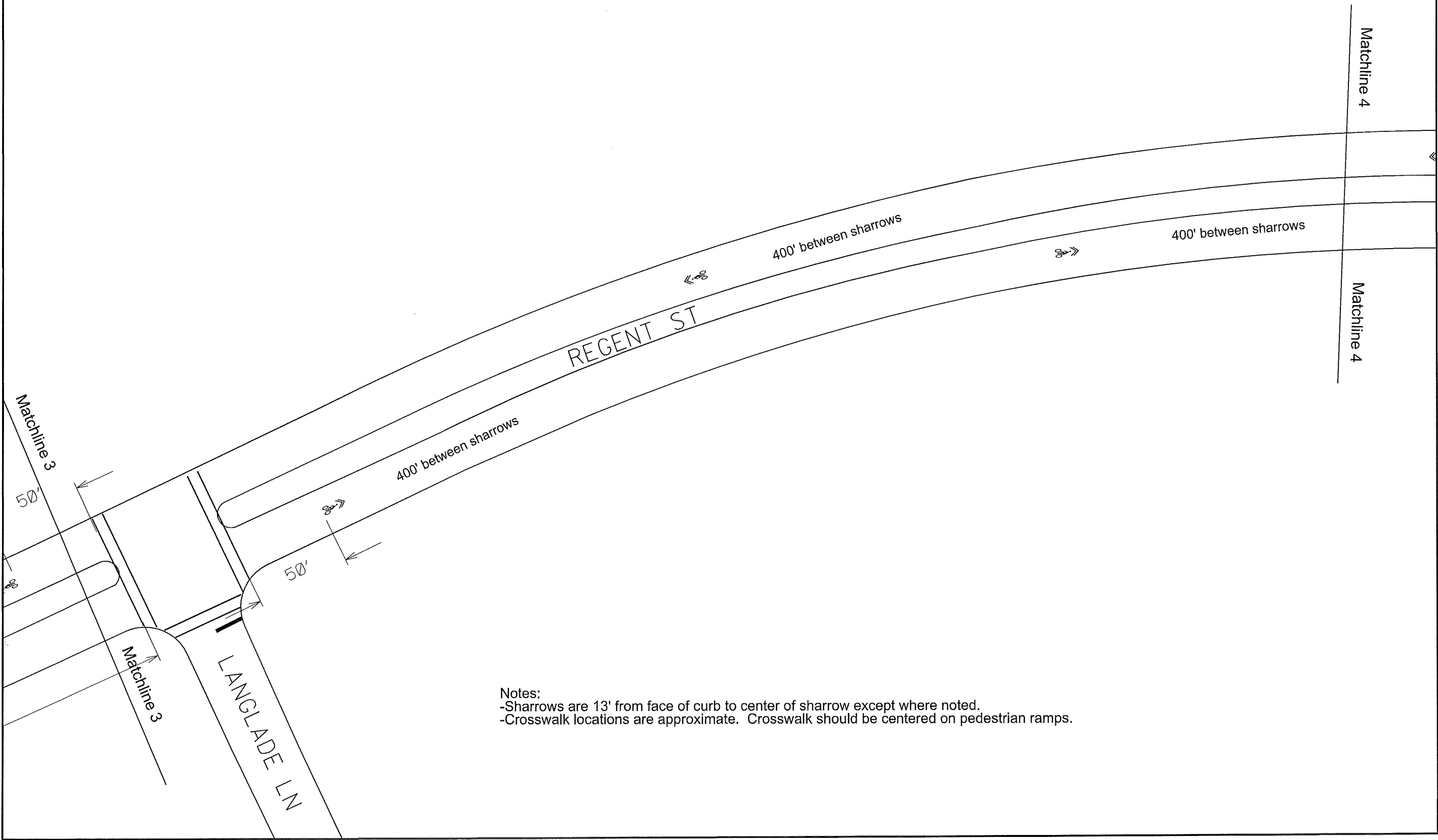
ORIGINATOR: CITY OF MADISON, I.E. _____
REV. DATE: _____
PLOT NAME: _____
PLOT SCALE: _____



Notes:
-Sharrows are 13' from face of curb to center of sharrow except where noted.
-Crosswalk locations are approximate. Crosswalk should be centered on pedestrian ramps.

PROJECT NO.	SHEET NO. M-3
Marking Plan	
CITY OF MADISON	

FILE NAME=



Notes:
-Sharrows are 13' from face of curb to center of sharrow except where noted.
-Crosswalk locations are approximate. Crosswalk should be centered on pedestrian ramps.

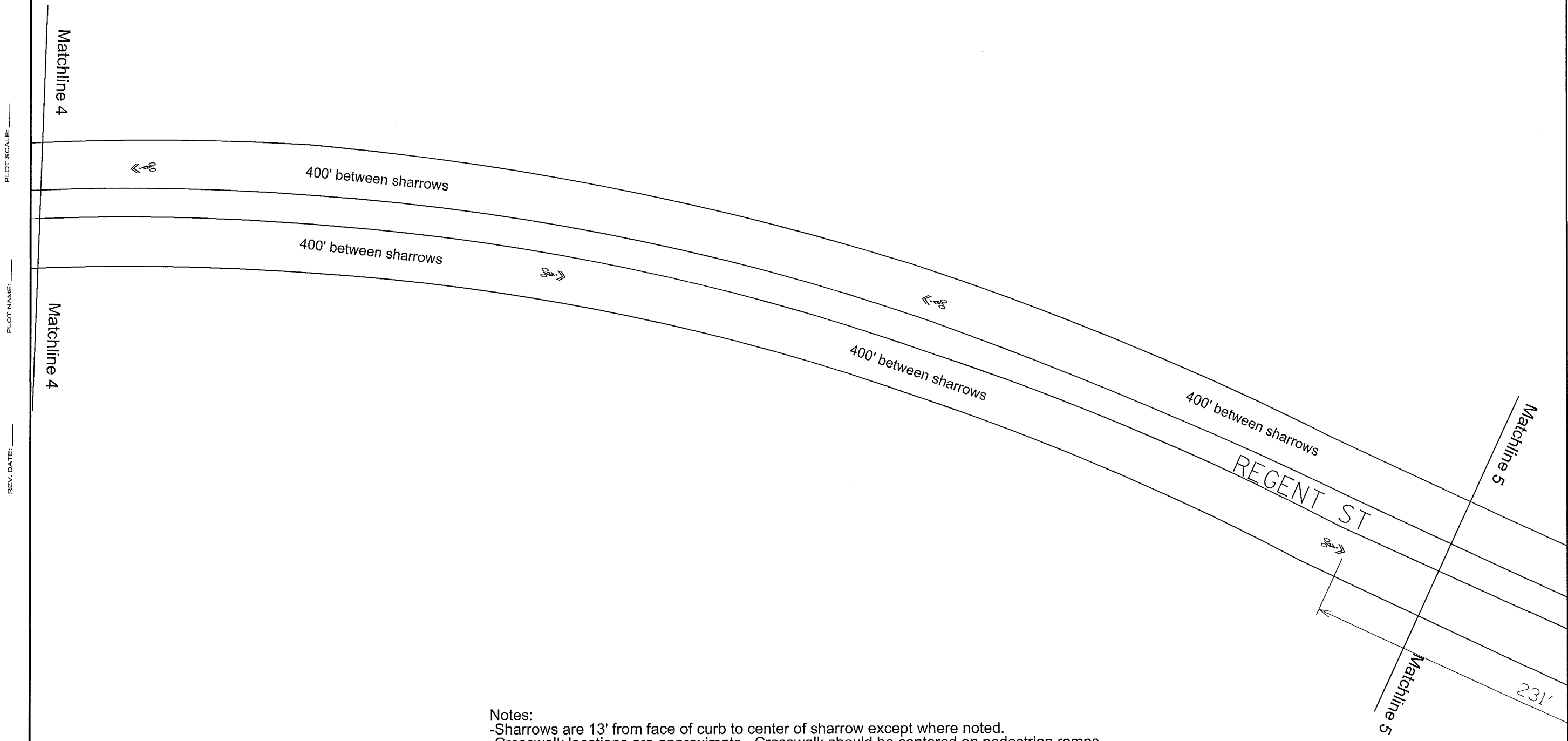
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, I.E. _____

FILE NAME=



Notes:
-Sharrows are 13' from face of curb to center of sharrow except where noted.
-Crosswalk locations are approximate. Crosswalk should be centered on pedestrian ramps.

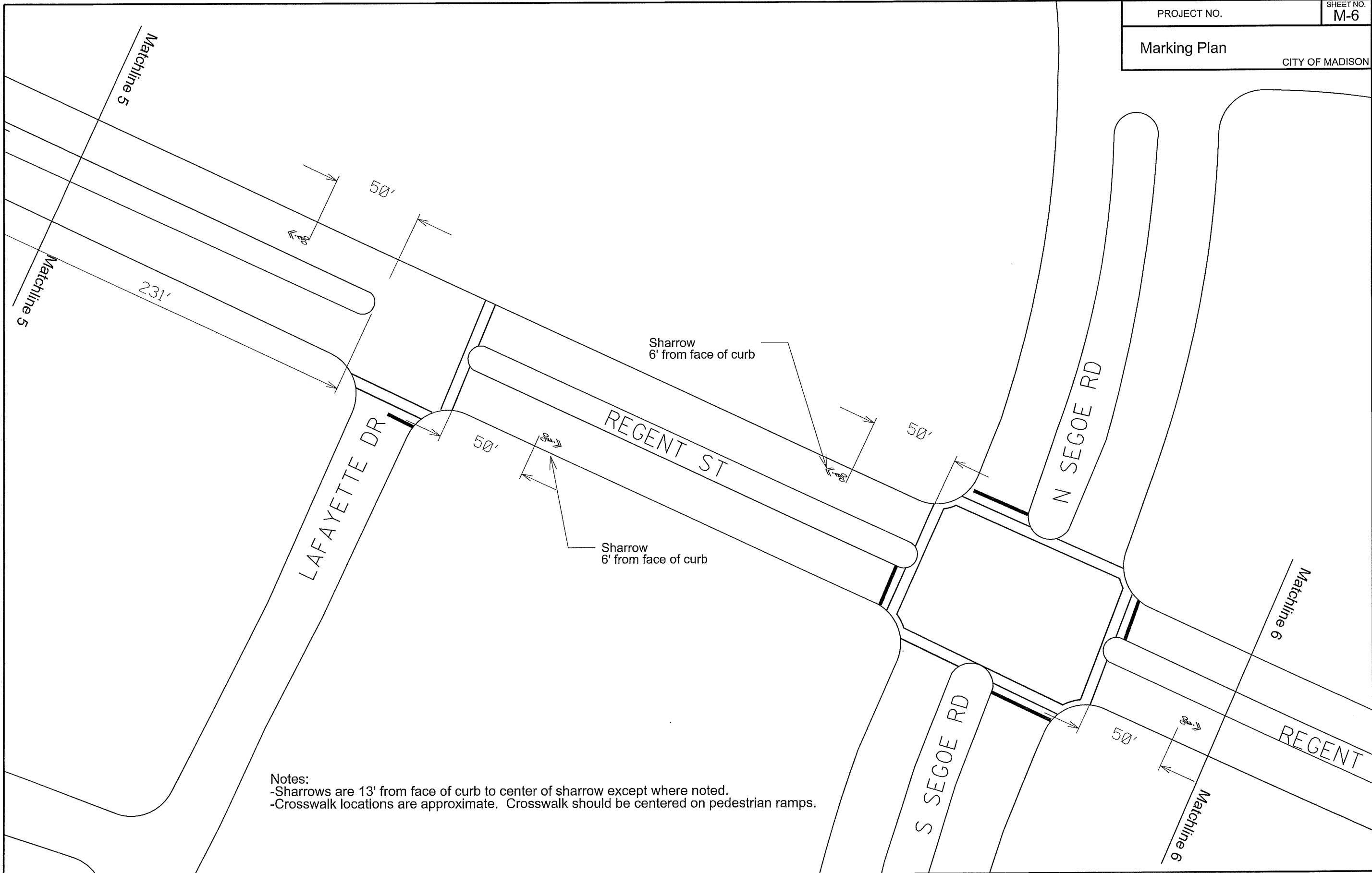
PLOT SCALE: _____

PLOT NAME: _____

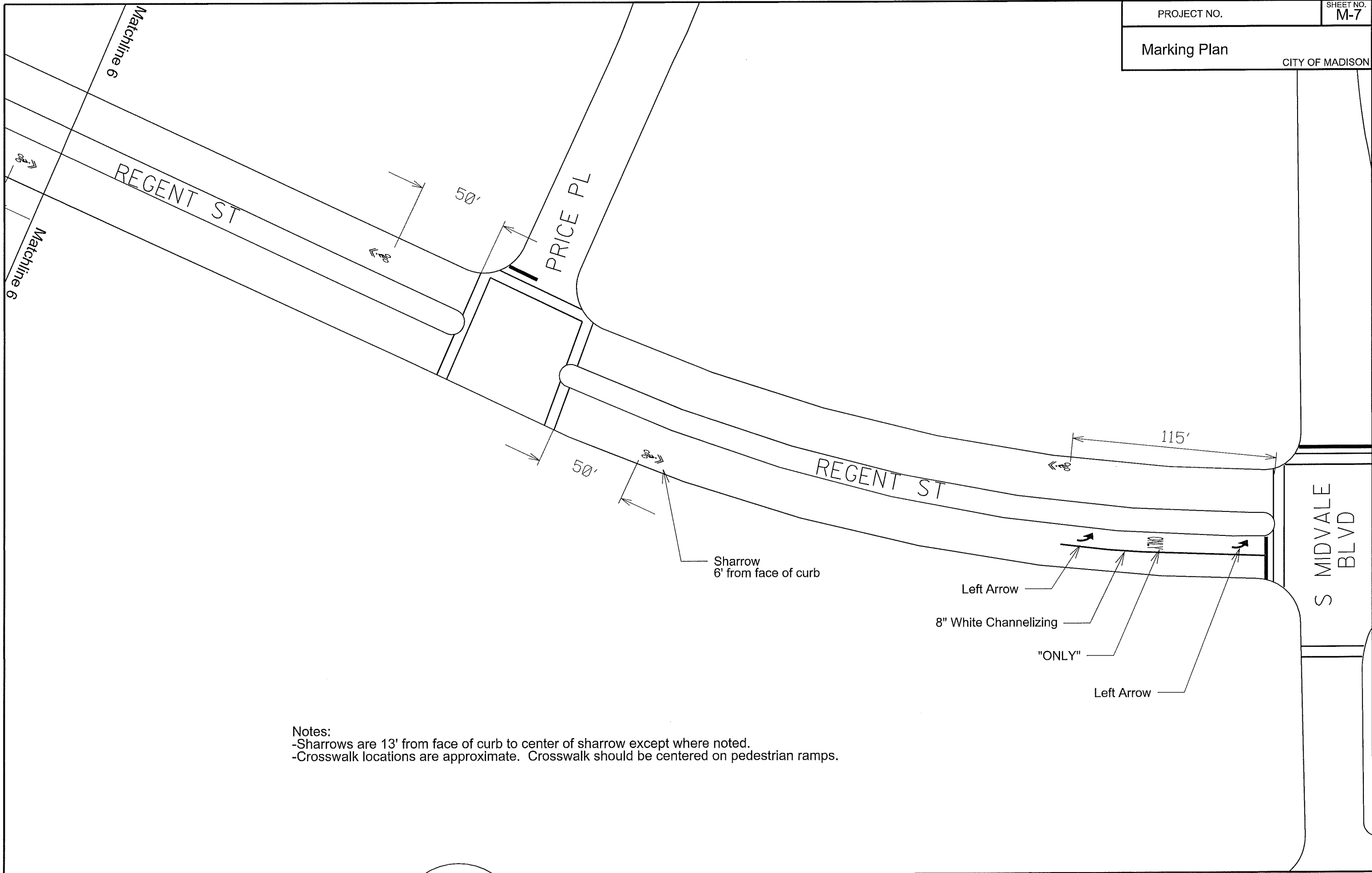
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, I.E. _____

FILE NAME=



Notes:
-Sharrows are 13' from face of curb to center of sharrow except where noted.
-Crosswalk locations are approximate. Crosswalk should be centered on pedestrian ramps.



PROJECT NO.	SHEET NO. M-7
Marking Plan	
CITY OF MADISON	

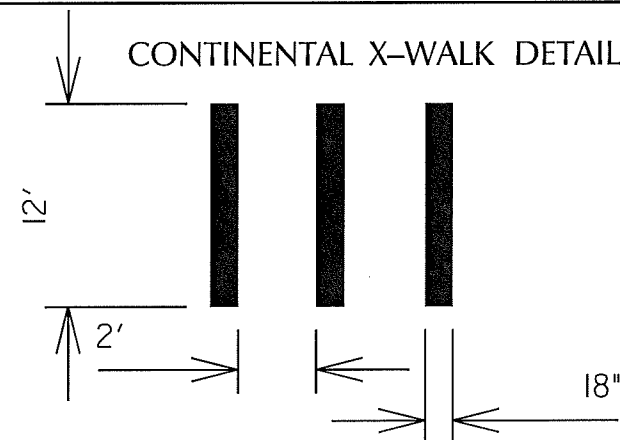
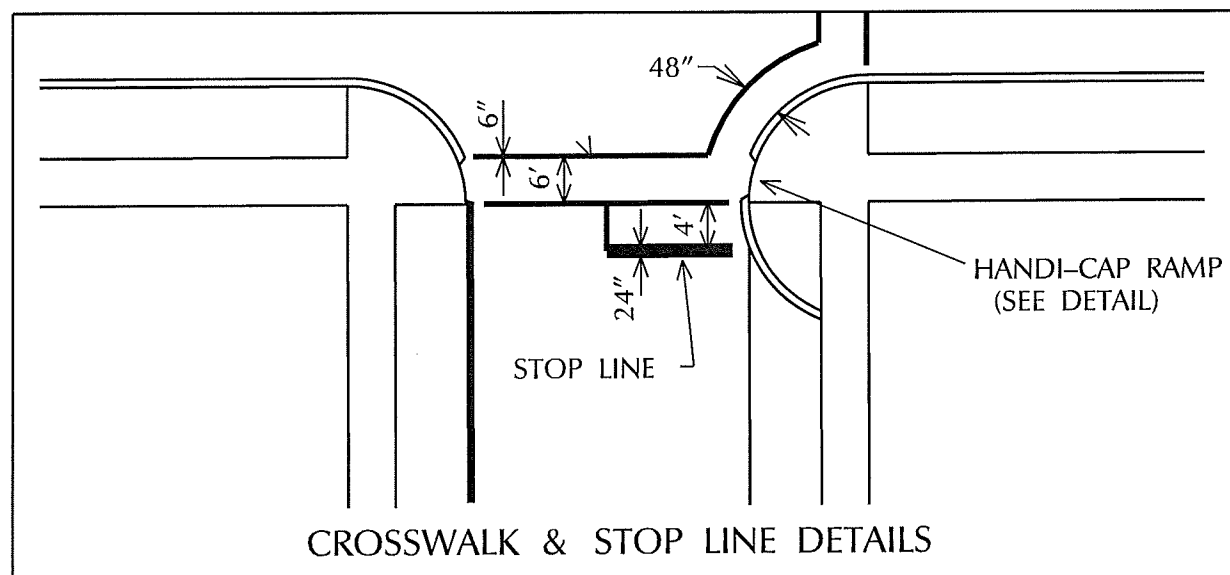
Notes:
-Sharrows are 13' from face of curb to center of sharrow except where noted.
-Crosswalk locations are approximate. Crosswalk should be centered on pedestrian ramps.

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.

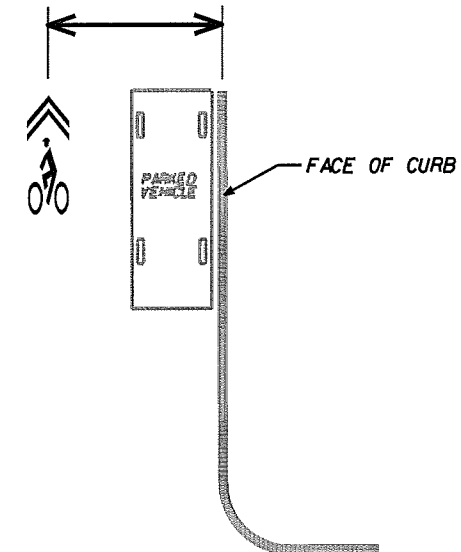
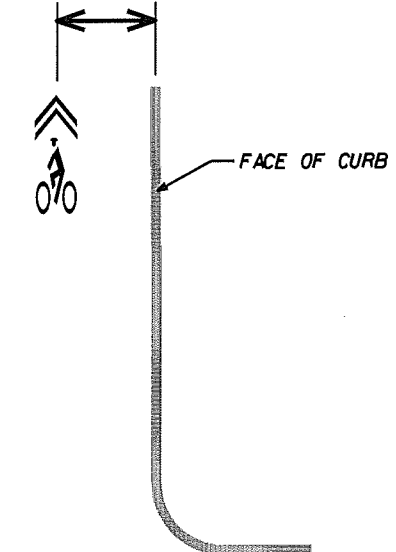
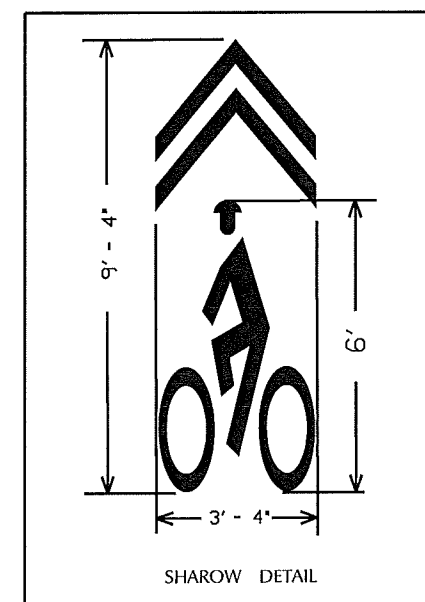
CONTINENTAL X-WALK &
STOP LINES DETAIL

8' TYP.

CONTINENTAL X-WALK DETAIL**CROSSWALK & STOP LINE DETAILS****TE Standard Sharrow Centerline Detail**

13' Typ (11' Min.)

6' TYP.

**Sharrow Centerline
WITH On Street Parking****Sharrow Centerline
NO On Street Parking**

PLOT SCALE: _____

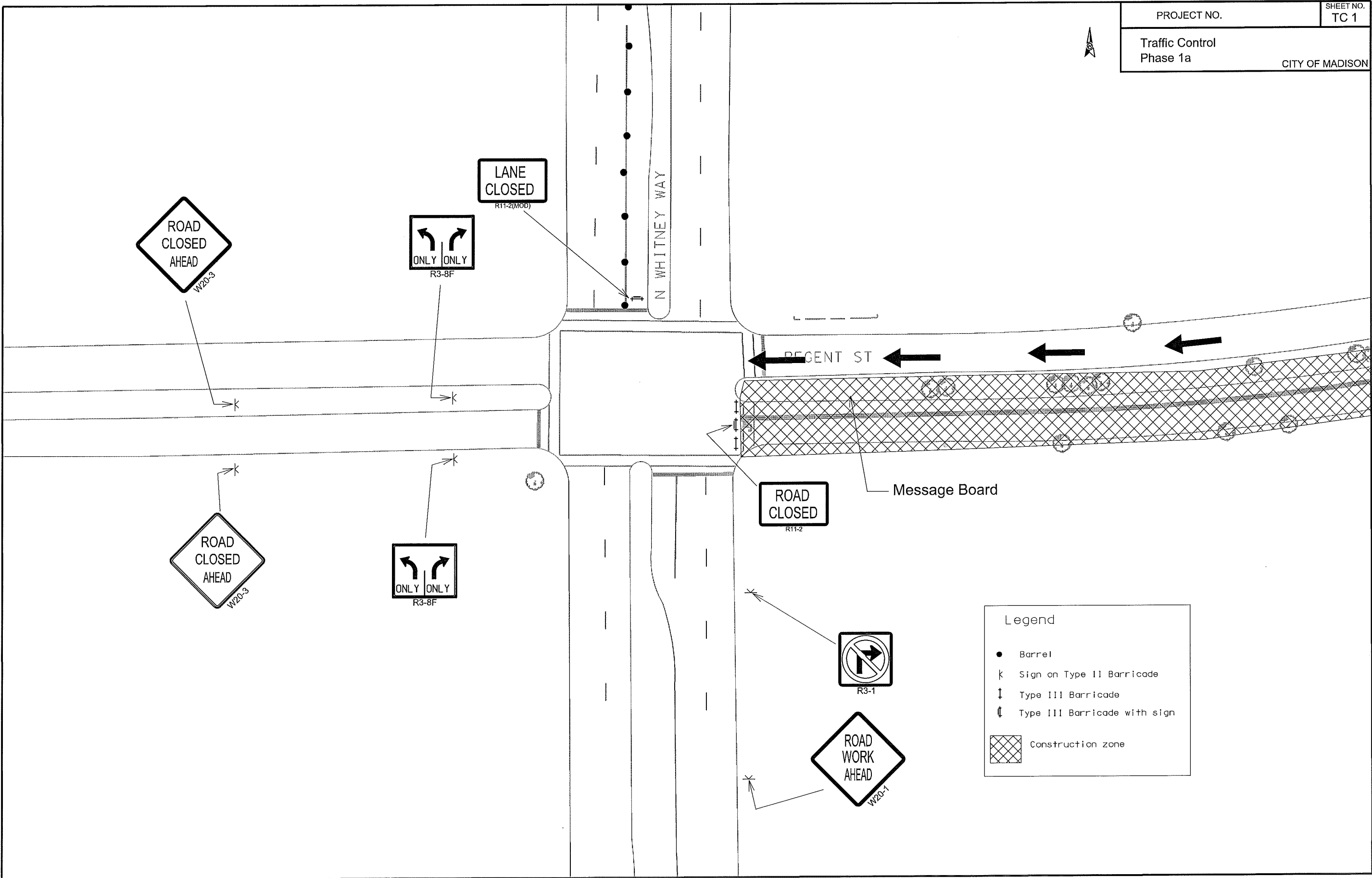
PLOT NAME: _____

REV. DATE: _____

PLOT SCALE:

PLOT NAME:

REV. DATE:



PROJECT NO.

SHEET NO.
TC 1

Traffic Control
Phase 1a

CITY OF MADISON

FILE NAME=

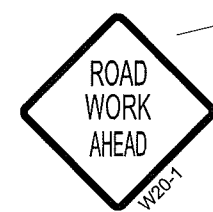


PLOT SCALE:

PLOT NAME:

REV. DATE:

BUFFALO TRAIL



EAU CLAIRE AVE

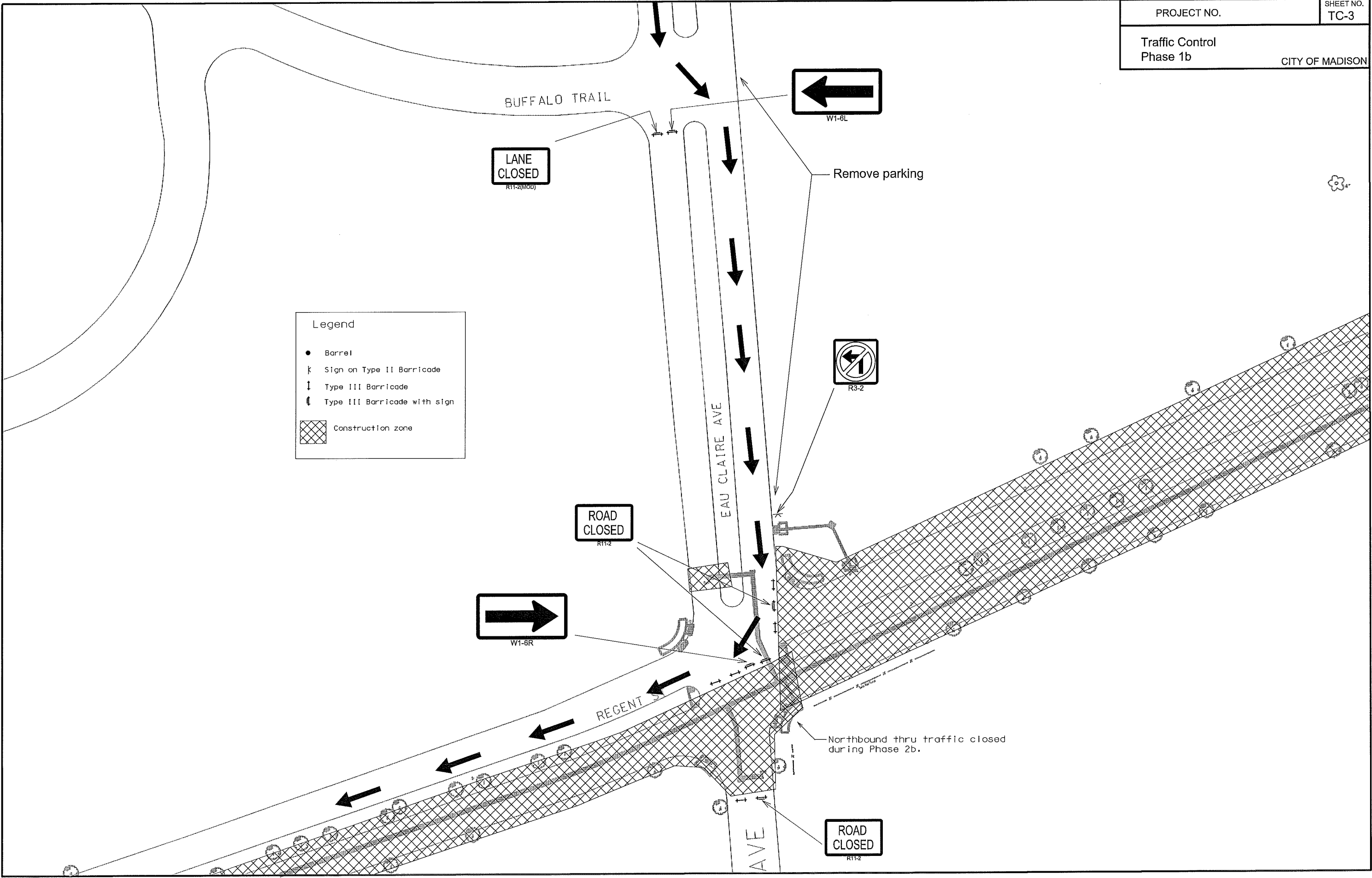


W1-6R

Legend

- Barrel
- | Sign on Type II Barricade
- ↑ Type III Barricade
- ↑ Type III Barricade with sign
- ▨ Construction zone

REGENT ST

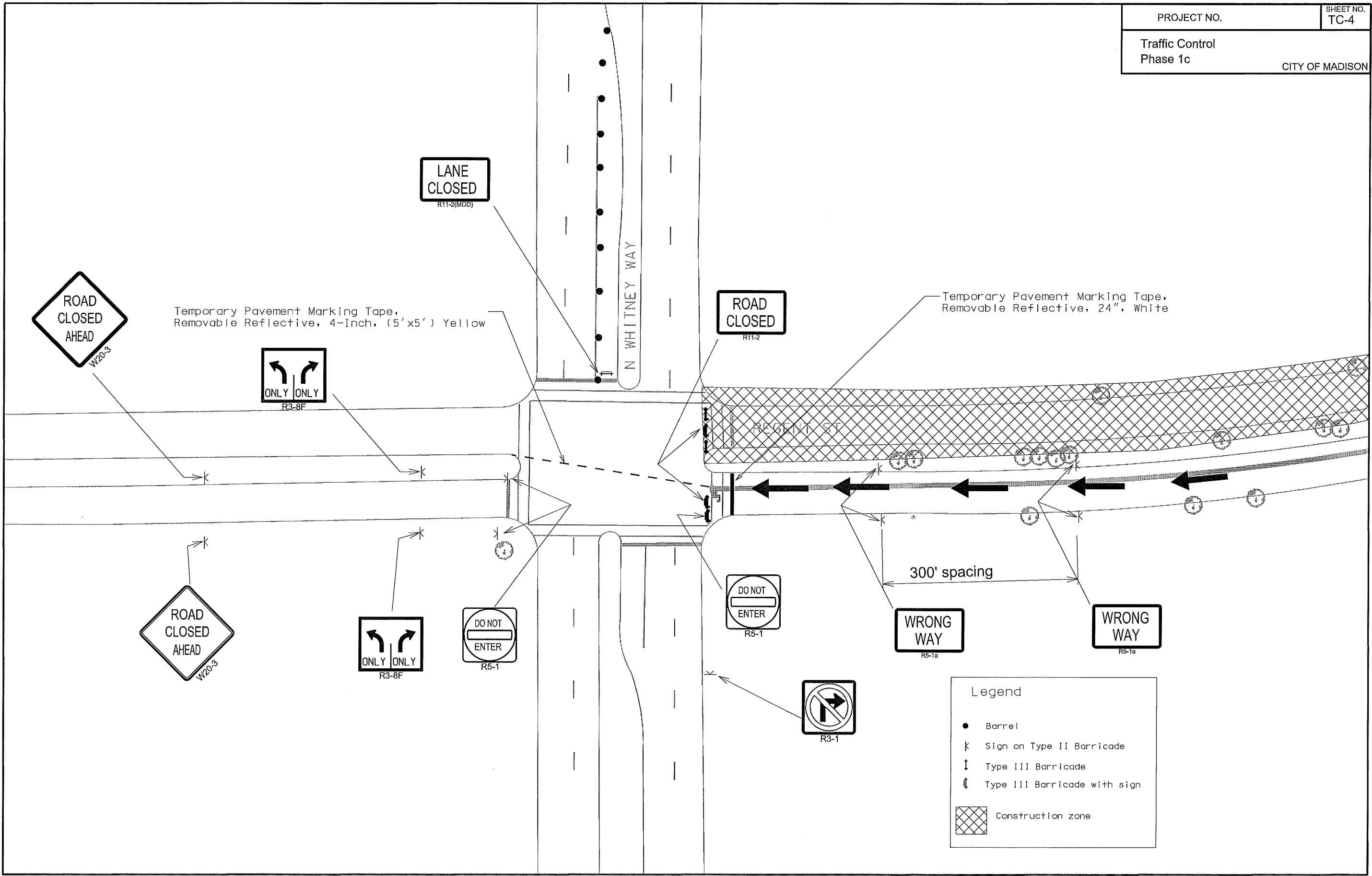


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON- T.E.



FILE NAME=

Legend

●

 Barrel

|

 Sign on Type II Barricade

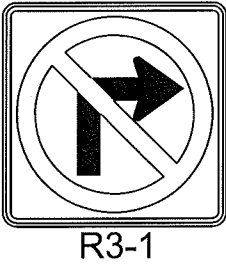
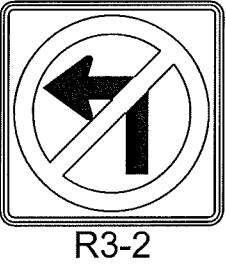
↑

 Type III Barricade

↑

 Type III Barricade with sign

Construction zone



PLOT SCALE:

PLOT NAME:

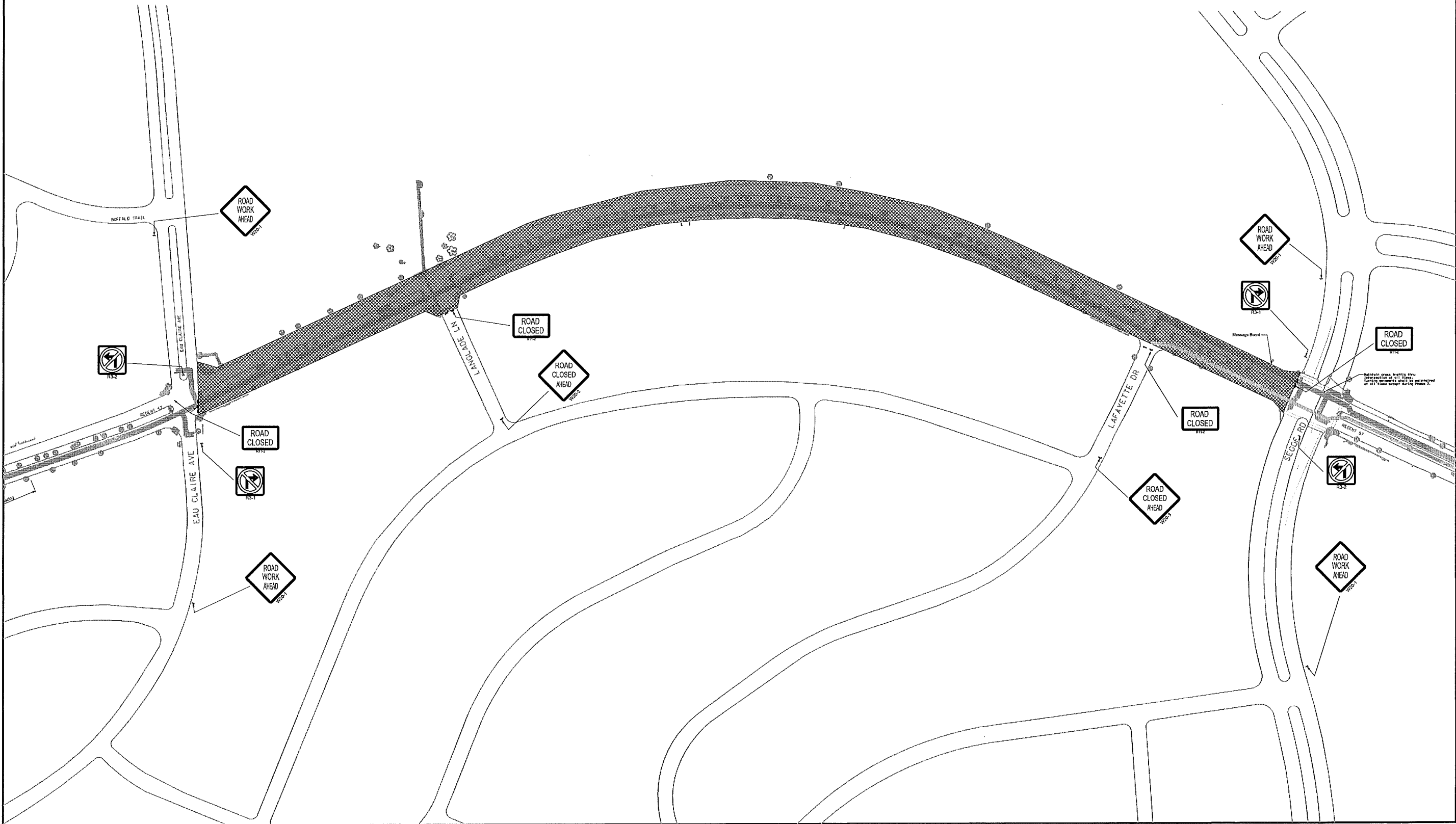
REV. DATE:

ORIGINATOR: CITY OF MADISON, T.E.

FILE NAME=



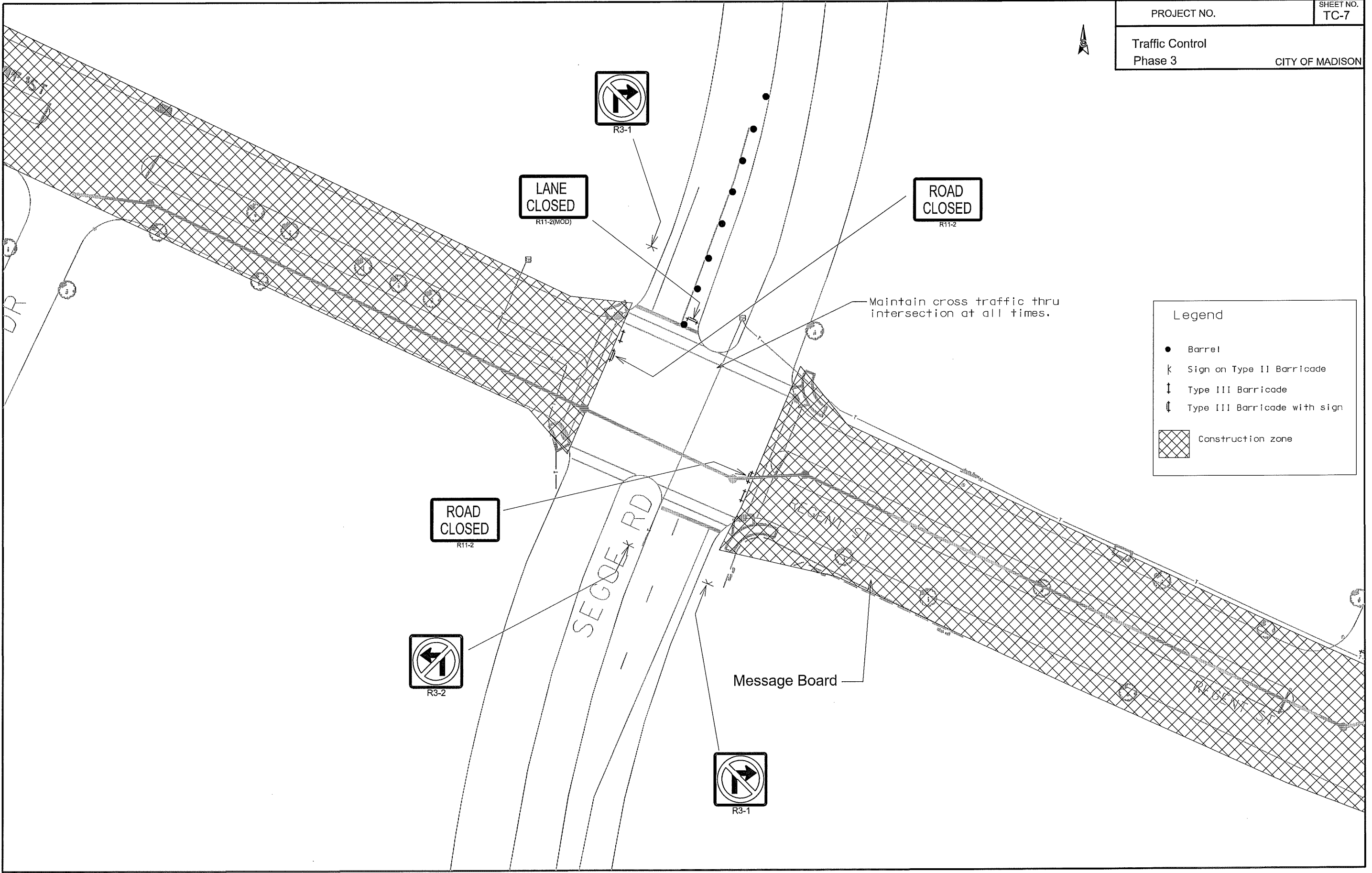
PLOT SCALE:
PLOT NAME:
REV. DATE:



PLOT SCALE:

PLOT NAME:

REV. DATE:



PROJECT NO.

SHEET NO.
TC-7

Traffic Control
Phase 3

CITY OF MADISON

Legend

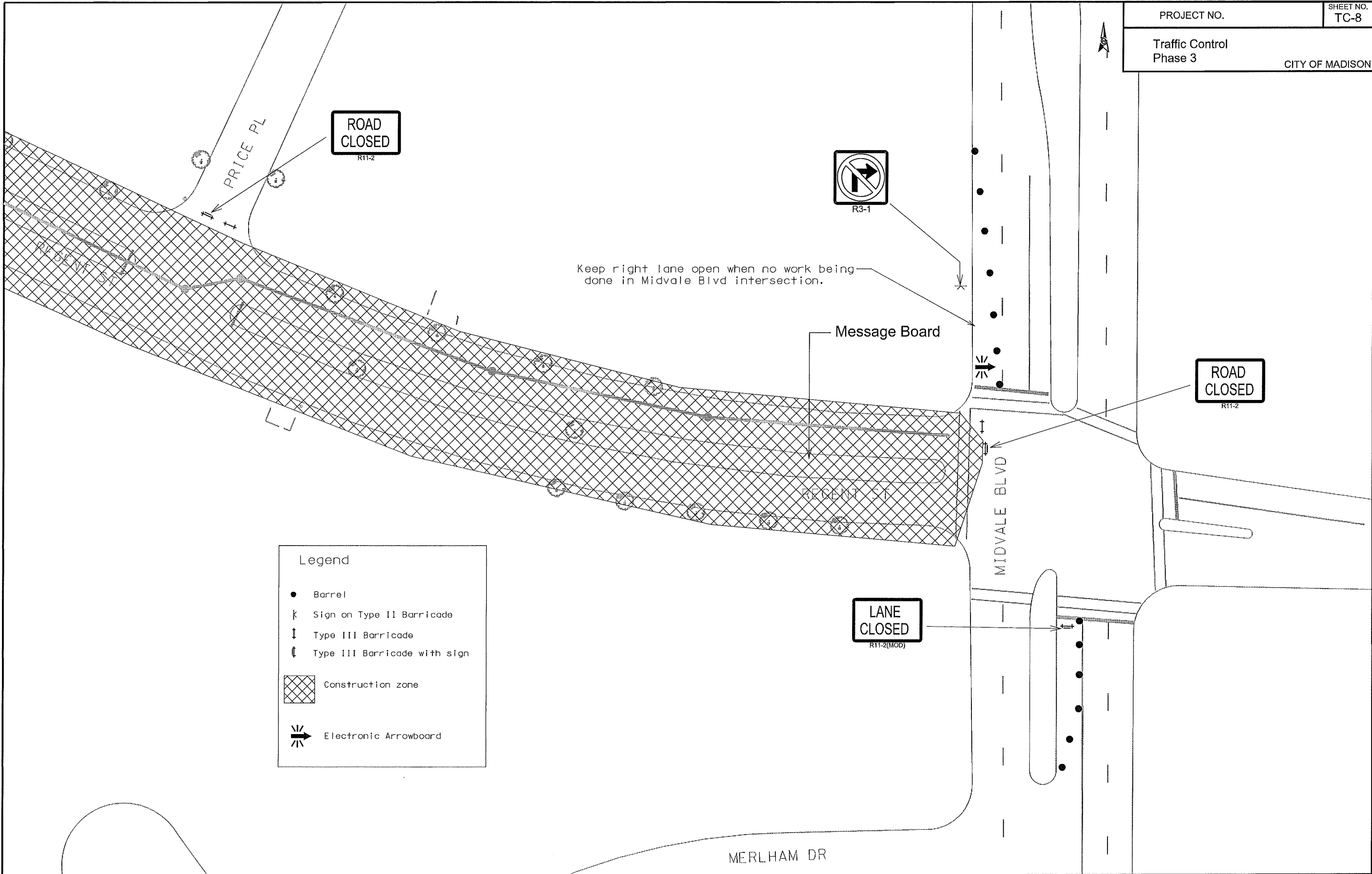
- Barrel
- ⌋ Sign on Type II Barricade
- ⌋ Type III Barricade
- ⌋ Type III Barricade with sign
- ▨ Construction zone

FILE NAME=

PLOT SCALE:

PLOT NAME:

REV. DATE:



PROJECT NO.

SHEET NO.
TC-8

Traffic Control
Phase 3

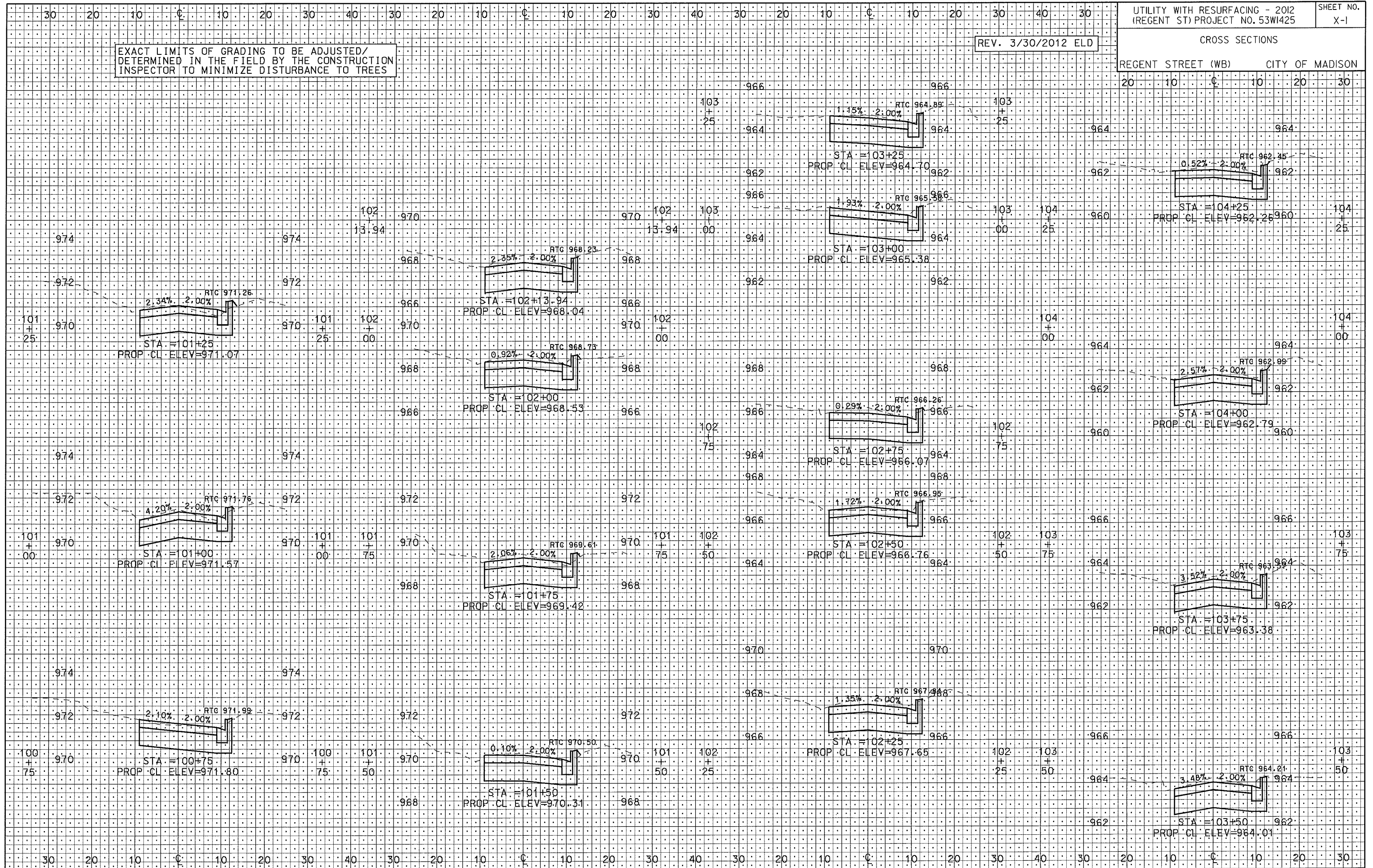
CITY OF MADISON

Legend

- Barrel
- | Sign on Type II Barricade
- | Type III Barricade
- | Type III Barricade with sign
- ▨ Construction zone
- ➡ Electronic Arrowboard

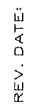
FILE NAME=

PLOT SCALE: 1"=40'
PLOT NAME: 100+00
REV. DATE: 3/30/2012



REGENT STREET (WB)	CITY OF MADISON
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20	10	0	10	20	30
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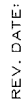


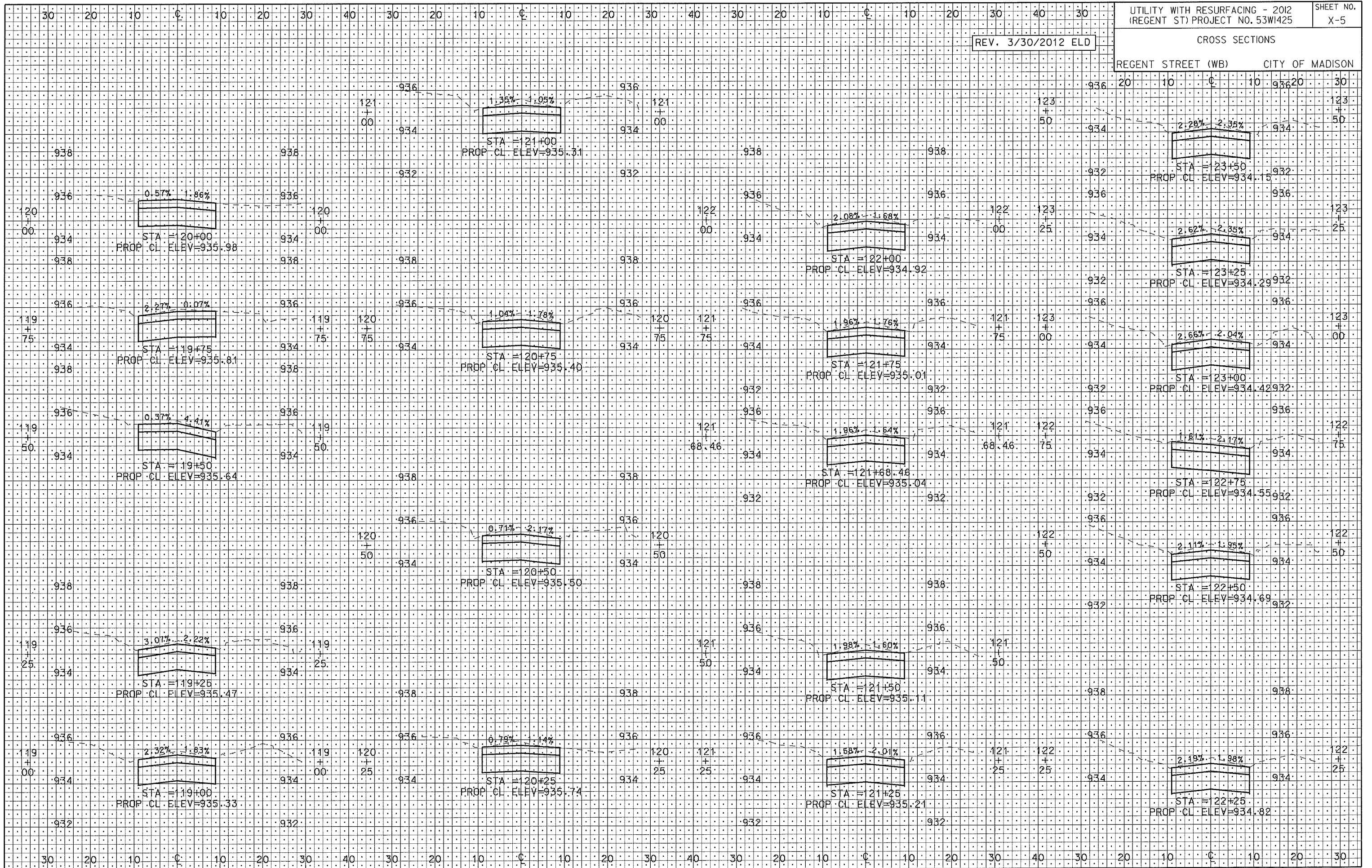
REV. 3/30/2012 ELD

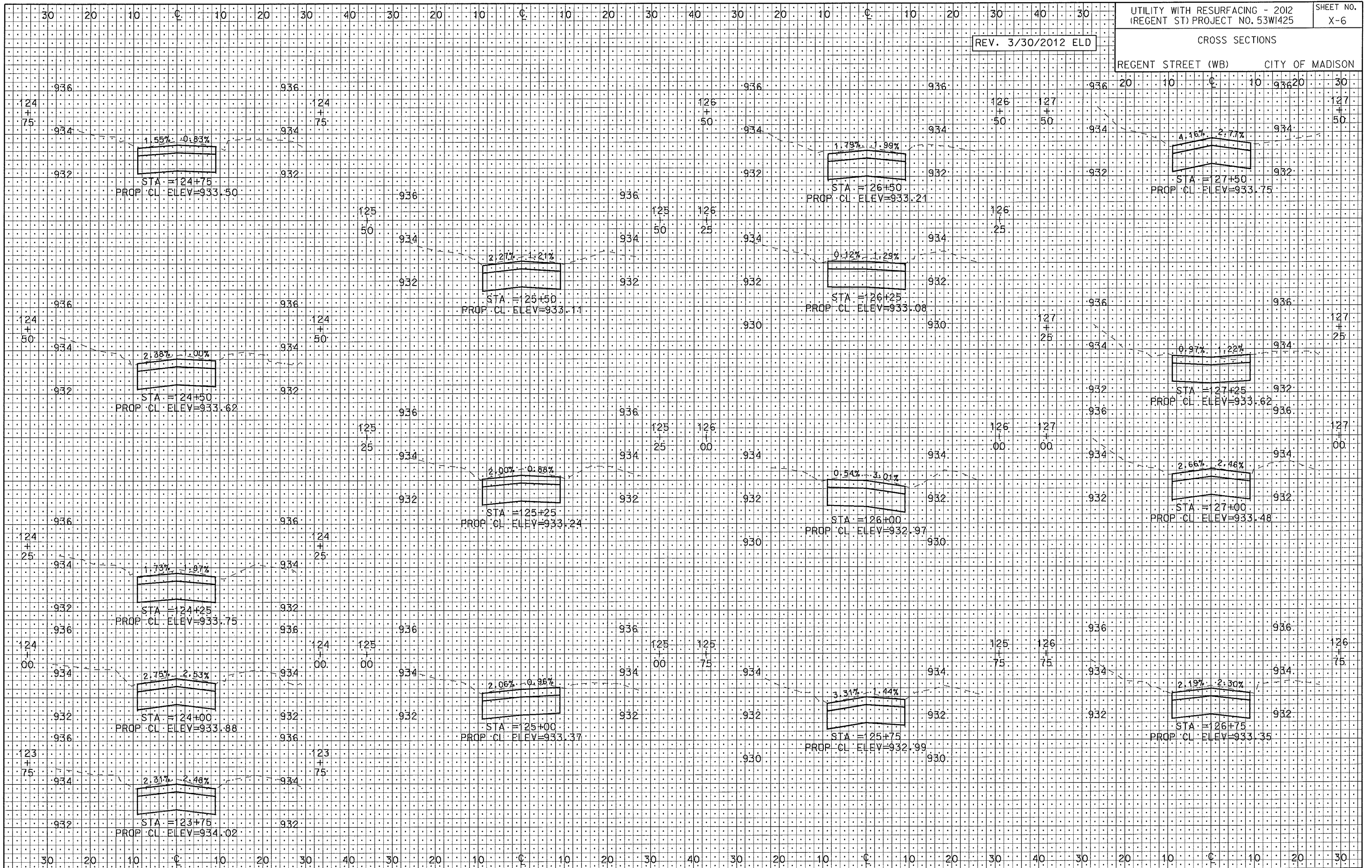


CROSS SECTIONS

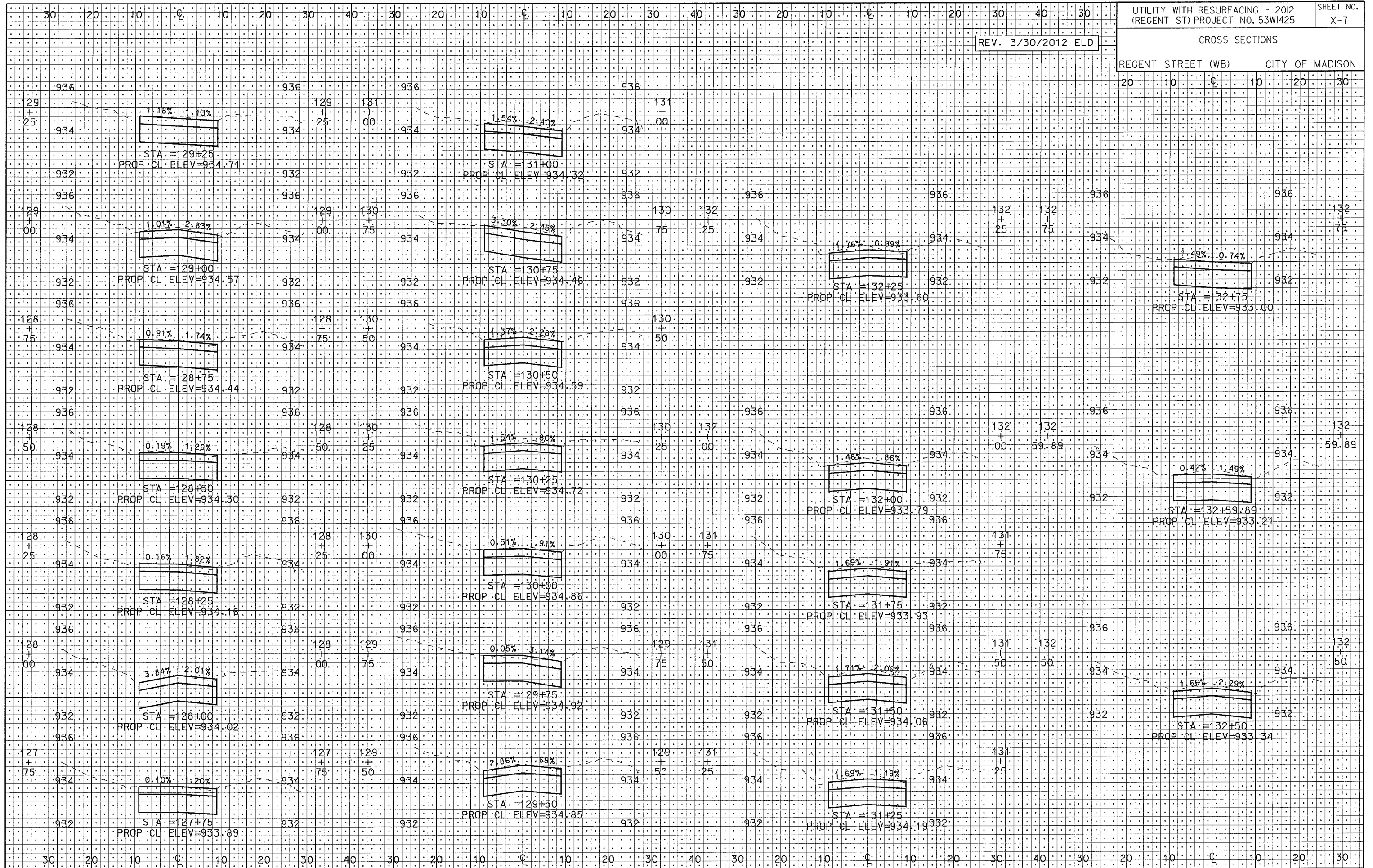
20	10	C	10	93.6	20	30
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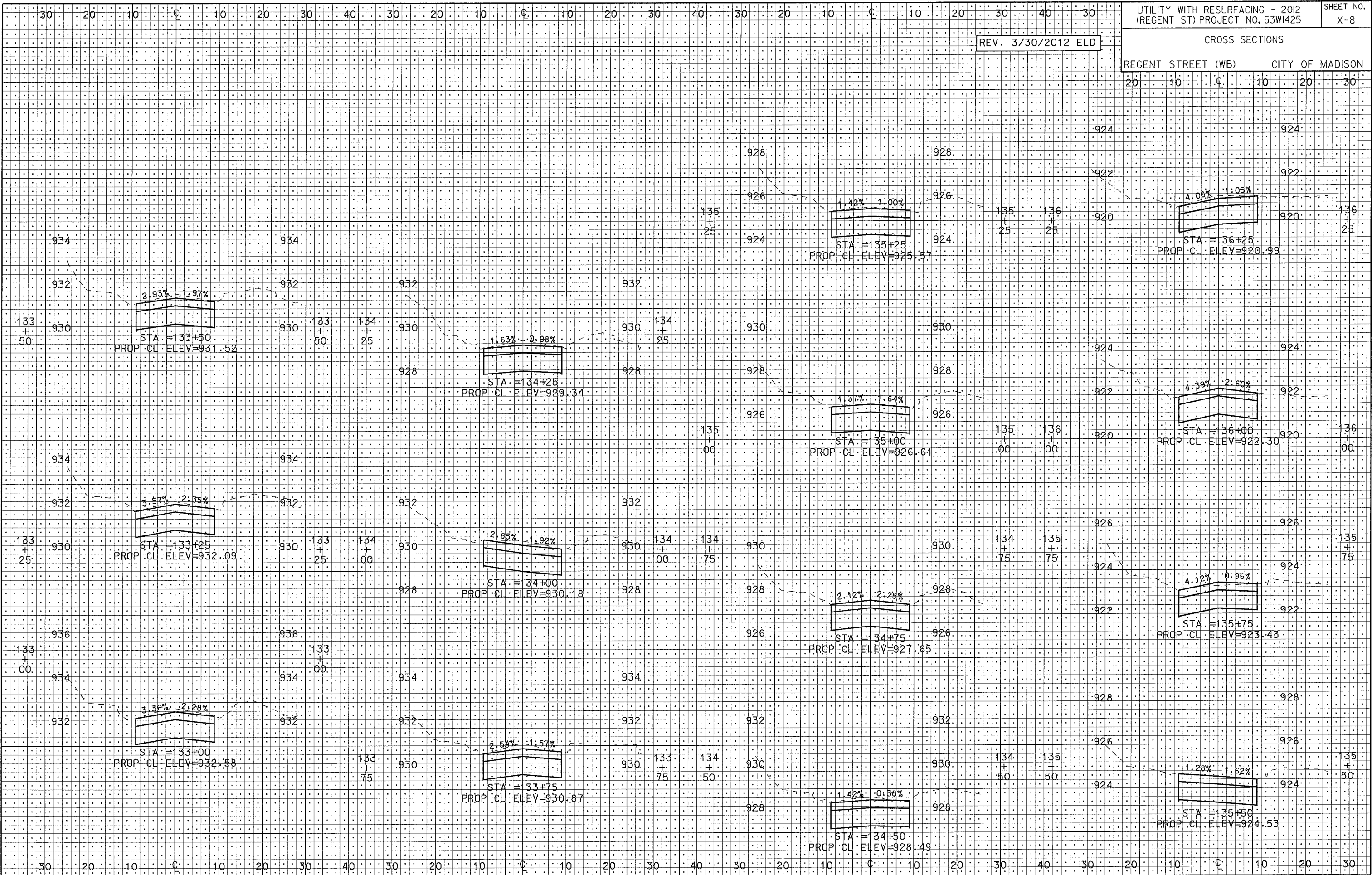






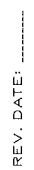
PLOT SCALE: 1"=40'
PLOT NAME: REGENT ST
REV. DATE: 3/30/2012





CROSS SECTIONS

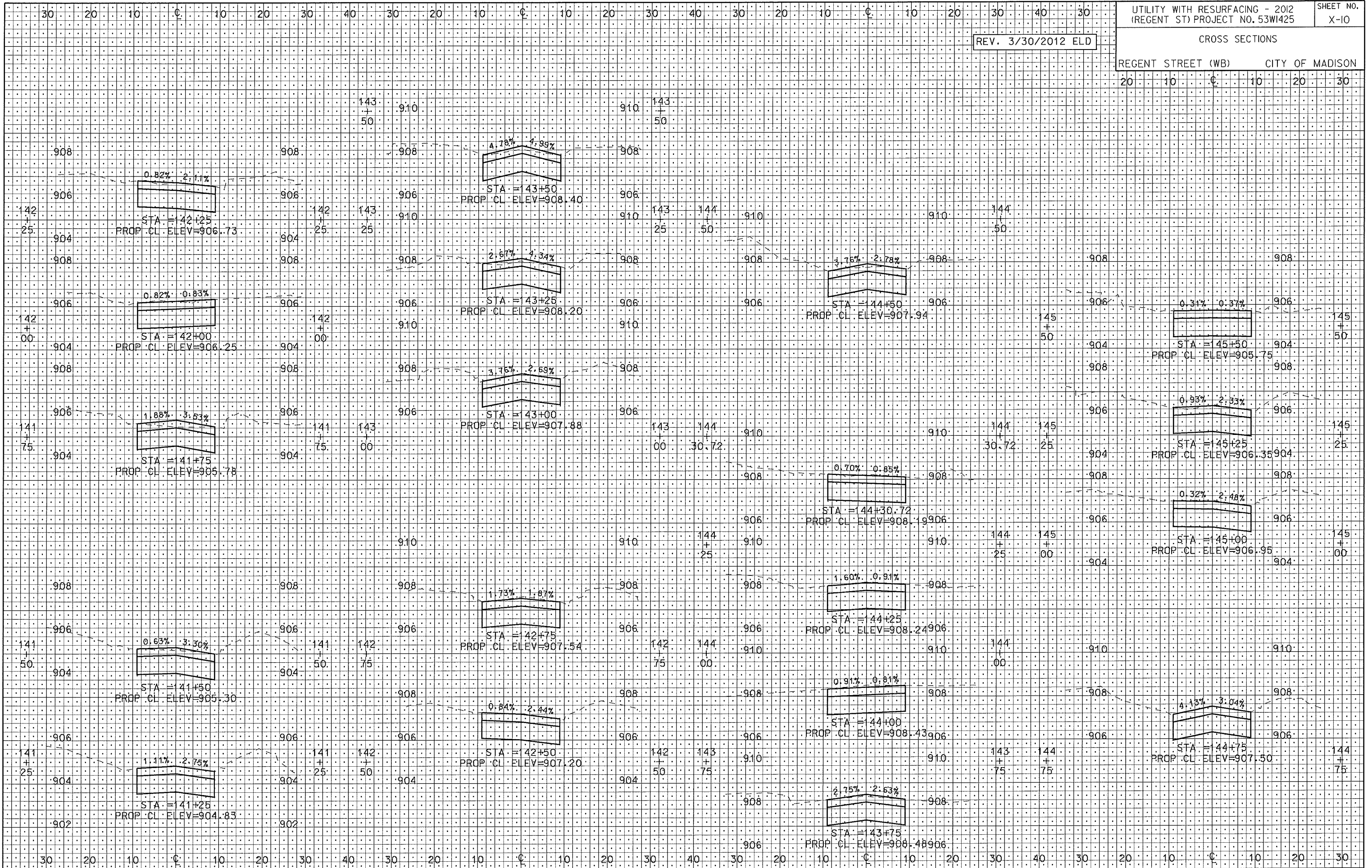
20		10		C		10		20		30
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PLOT SCALE: 1"=40'

PLOT NAME: REGENT ST

REV. DATE: 3/30/2012

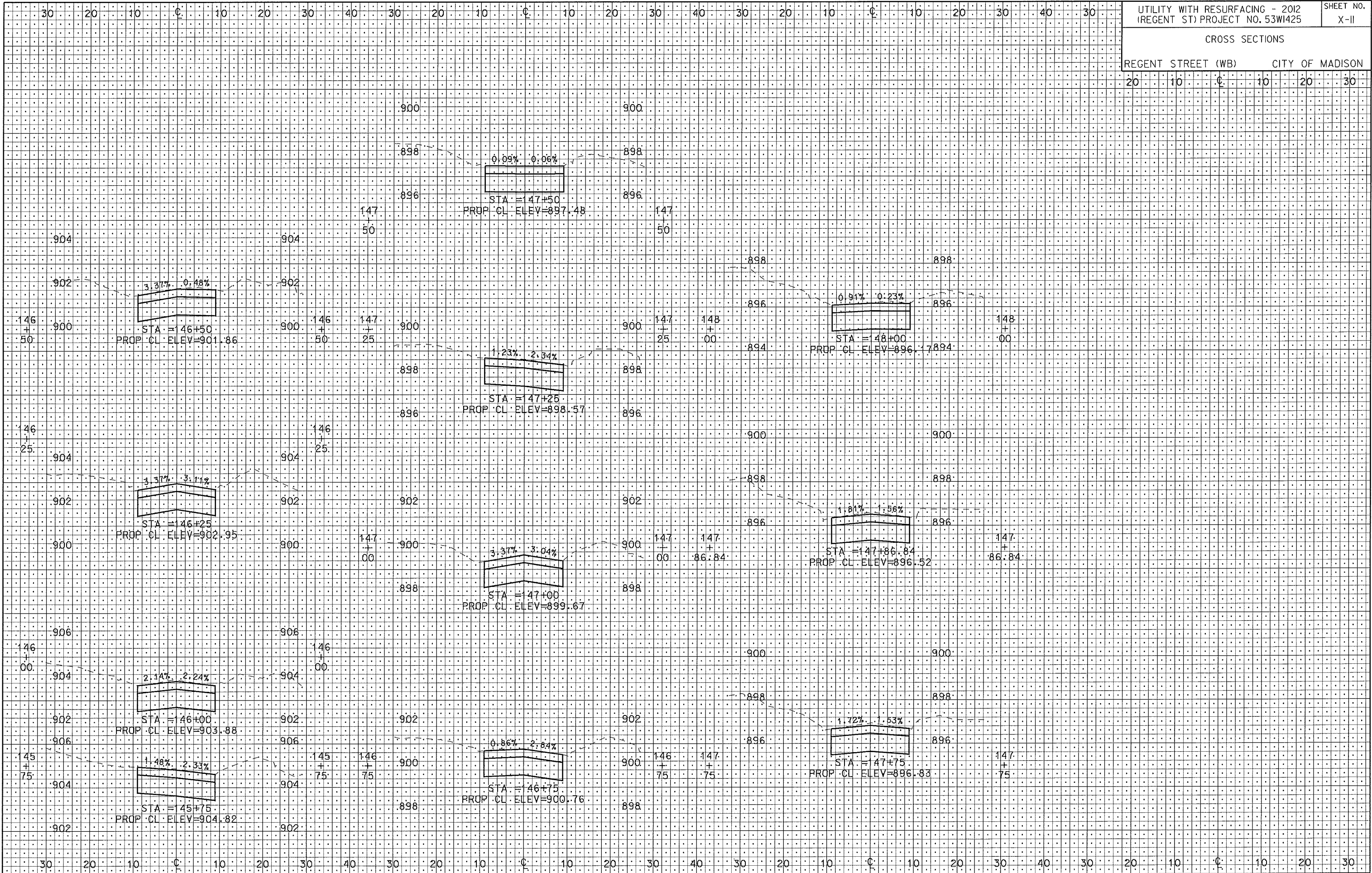


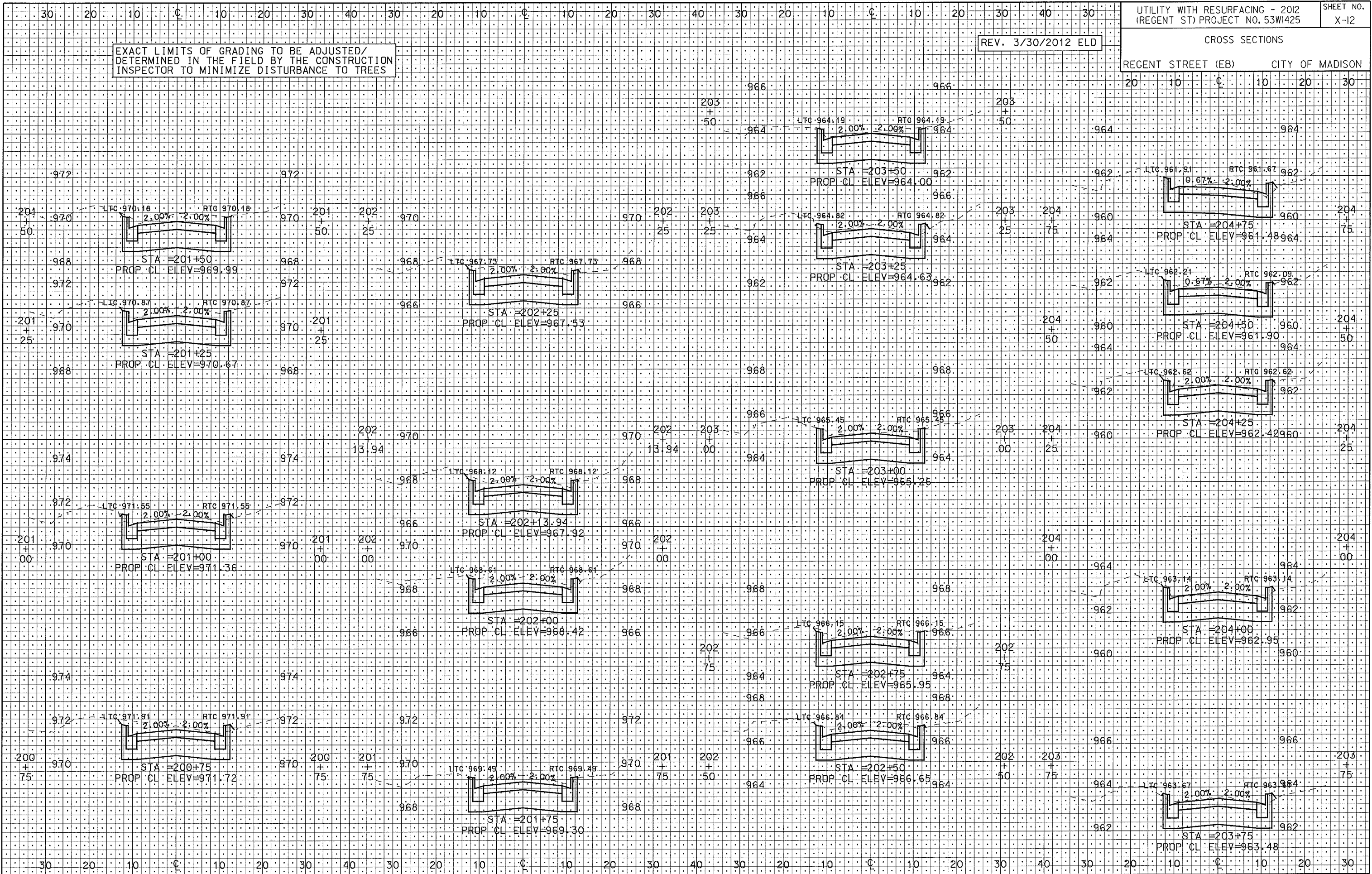
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: 1"=40'

PLOT NAME: REGENT ST

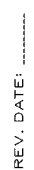
REV. DATE: 4/2/2012





CROSS SECTIONS

20	10	0	10	20	30
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[illegible]

REV. 3/30/2012 ELD

CROSS SECTIONS

REGENT STREET (EB) CITY OF MADISON

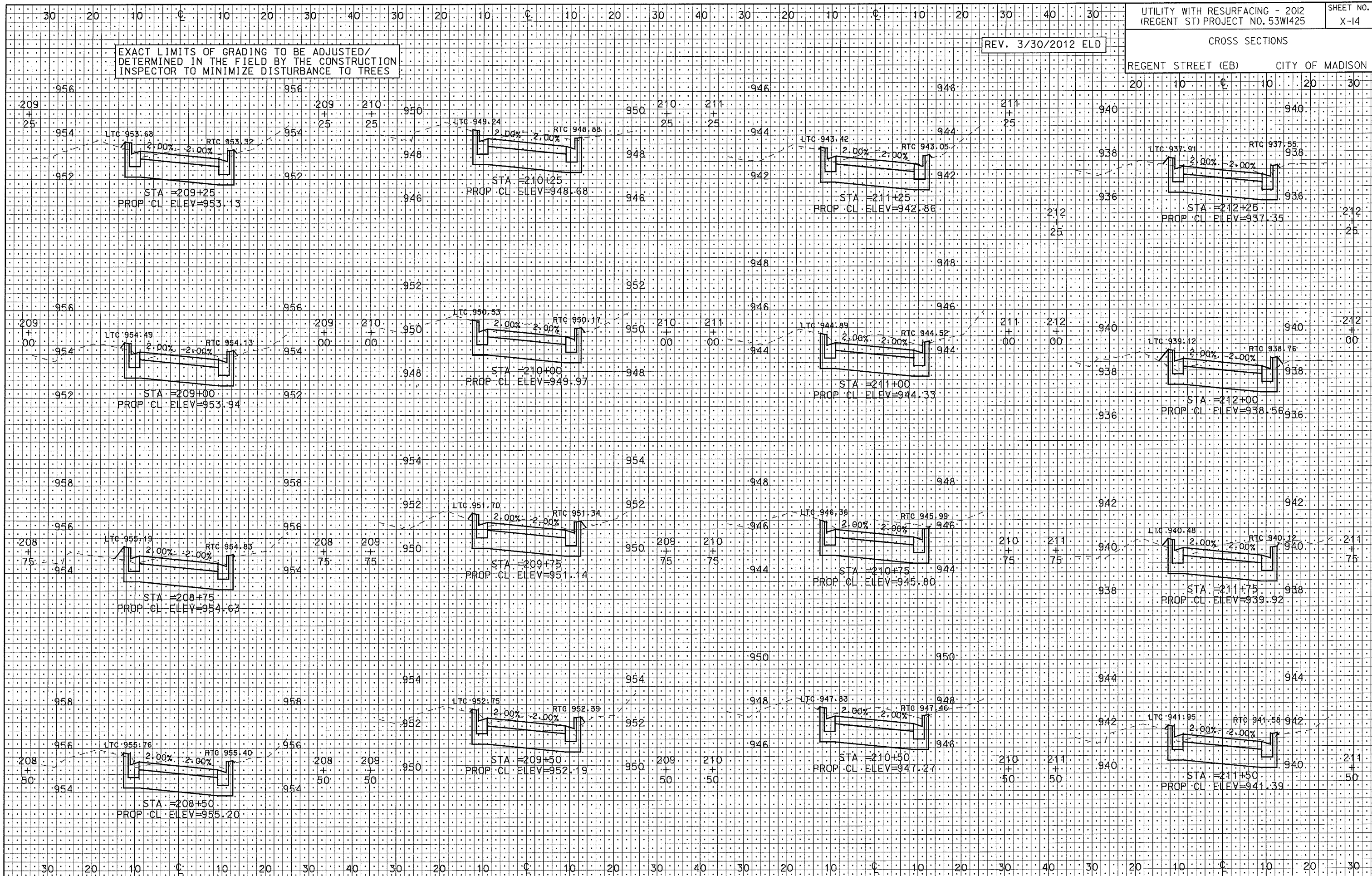
EXACT LIMITS OF GRADING TO BE ADJUSTED/
DETERMINED IN THE FIELD BY THE CONSTRUCTION
INSPECTOR TO MINIMIZE DISTURBANCE TO TREES

PLOT SCALE:

PLOT NAME:

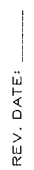
REV. DATE:

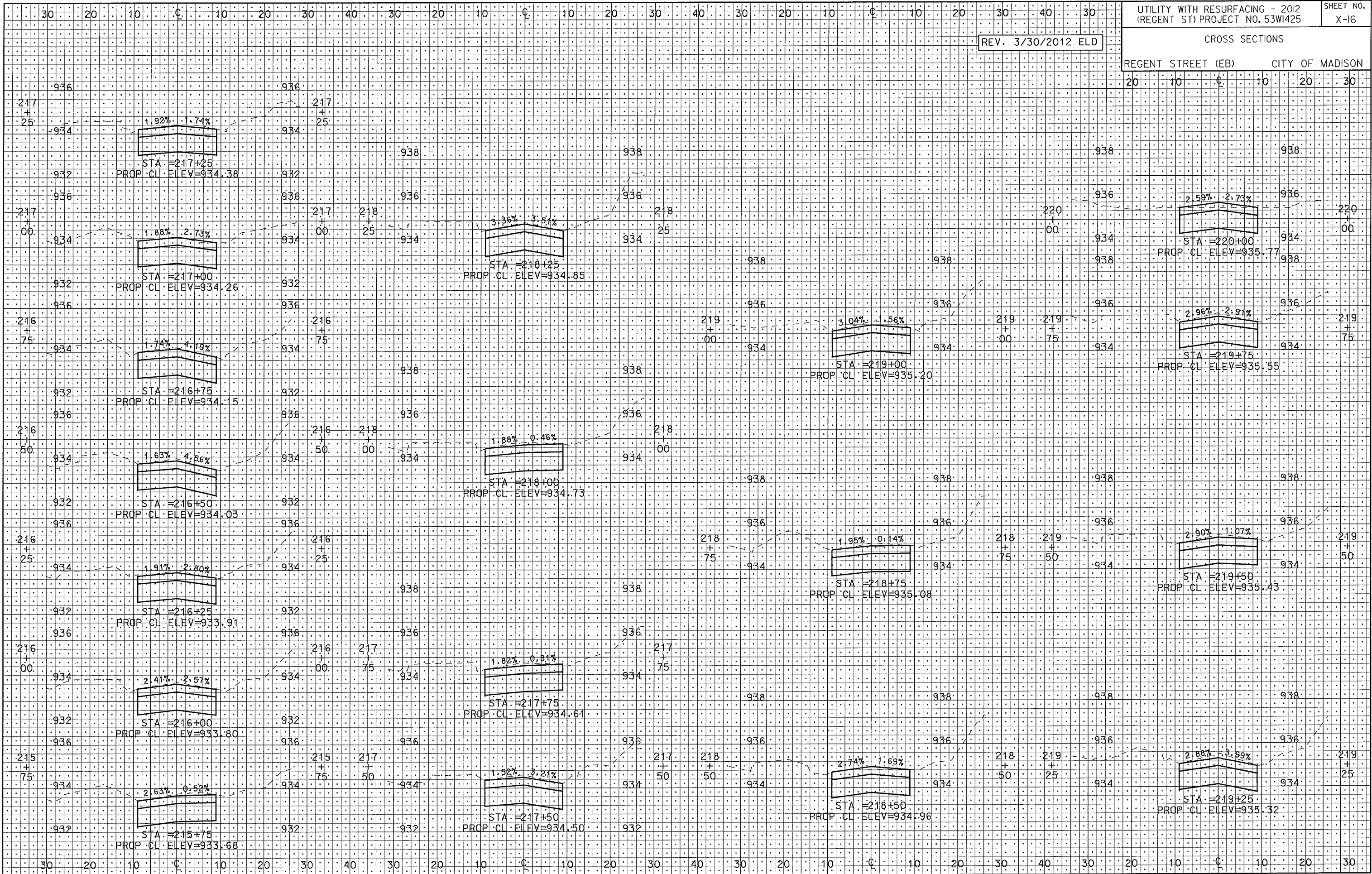
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

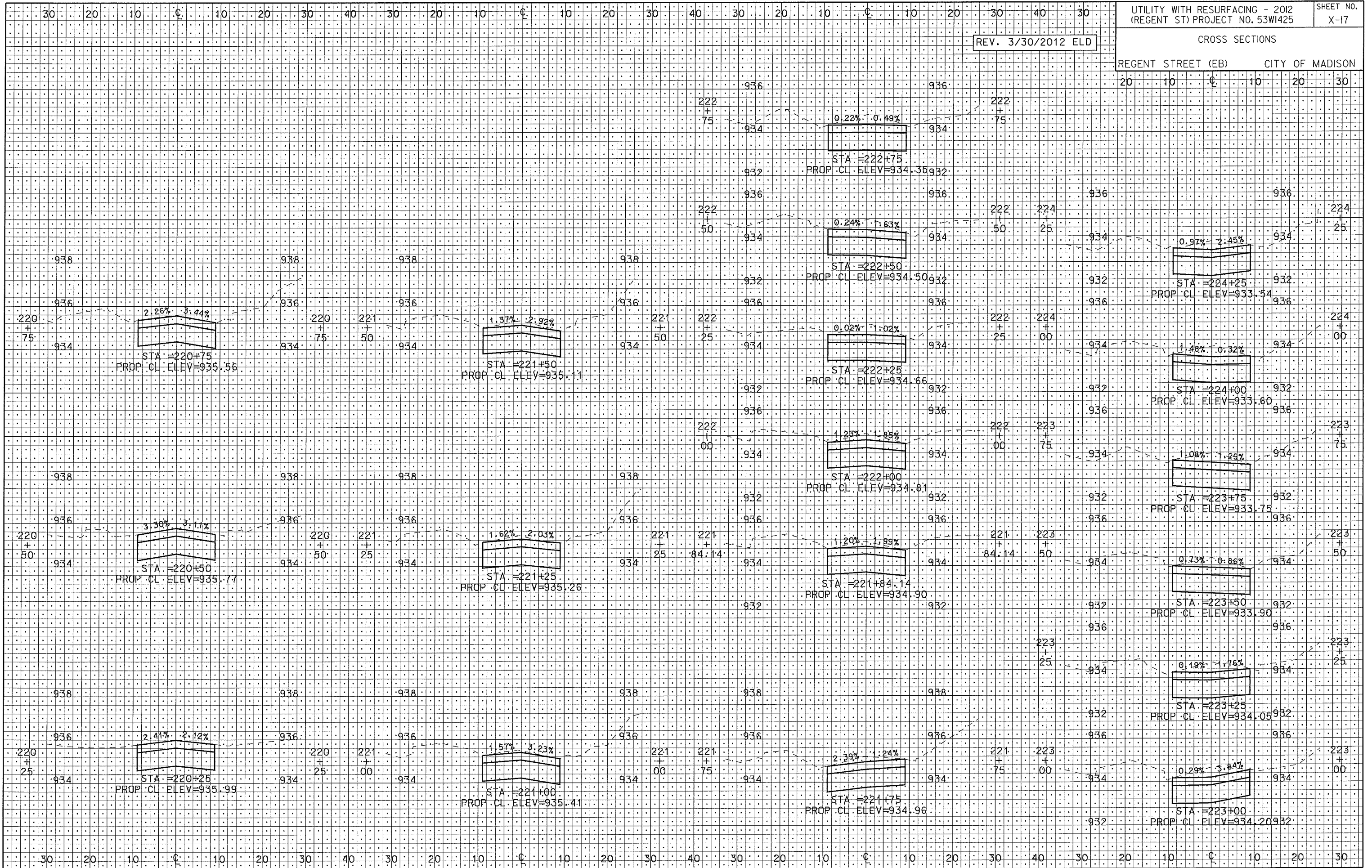


CROSS SECTIONS

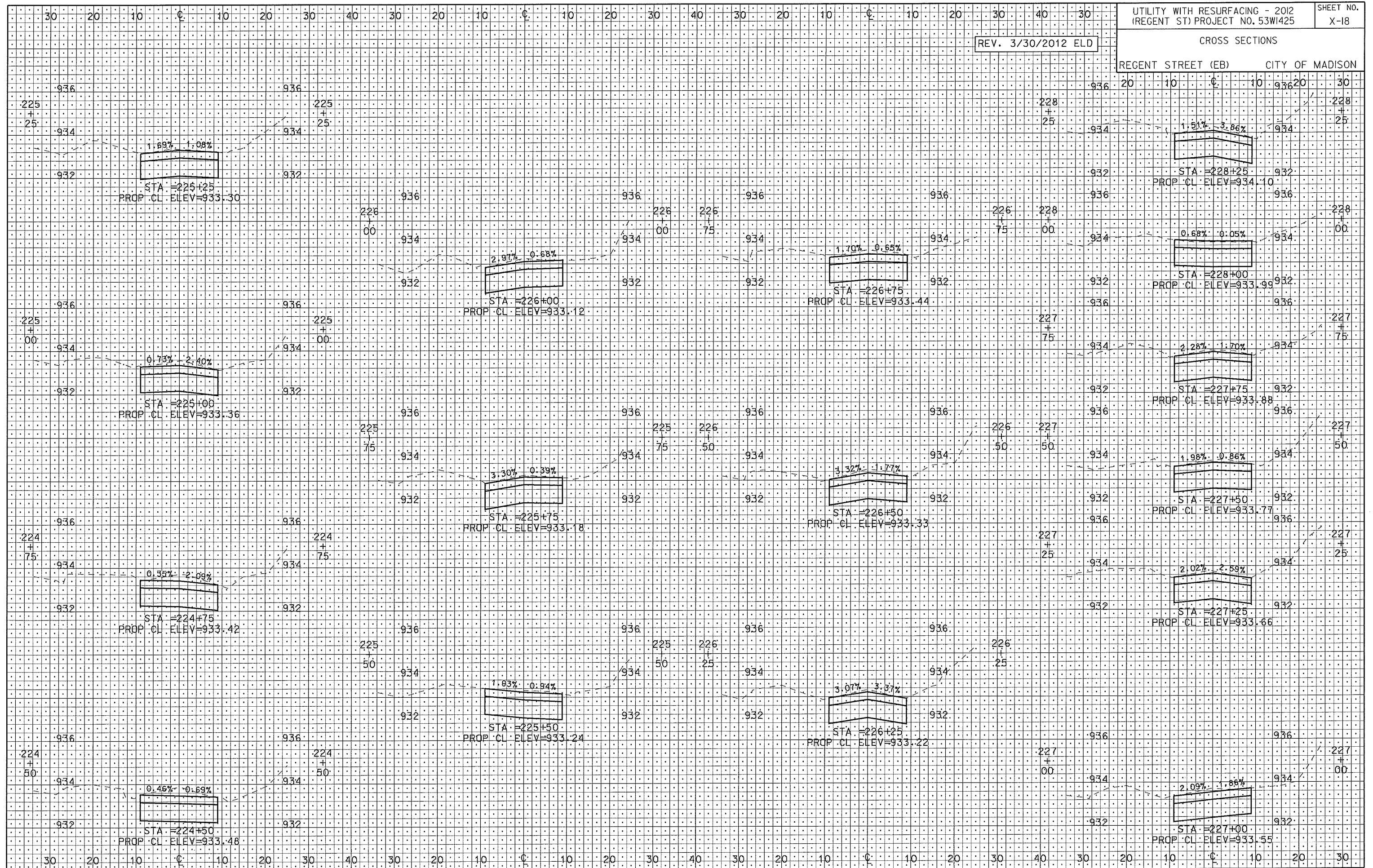
20	10	€	10	20	30
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[illegible]



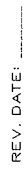


PLOT SCALE: 1"=40'
PLOT NAME: REGENT ST
REV. DATE: 3/30/2012



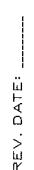
CROSS SECTIONS

REGENT STREET (EB)	CITY OF MADISON
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CROSS SECTIONS

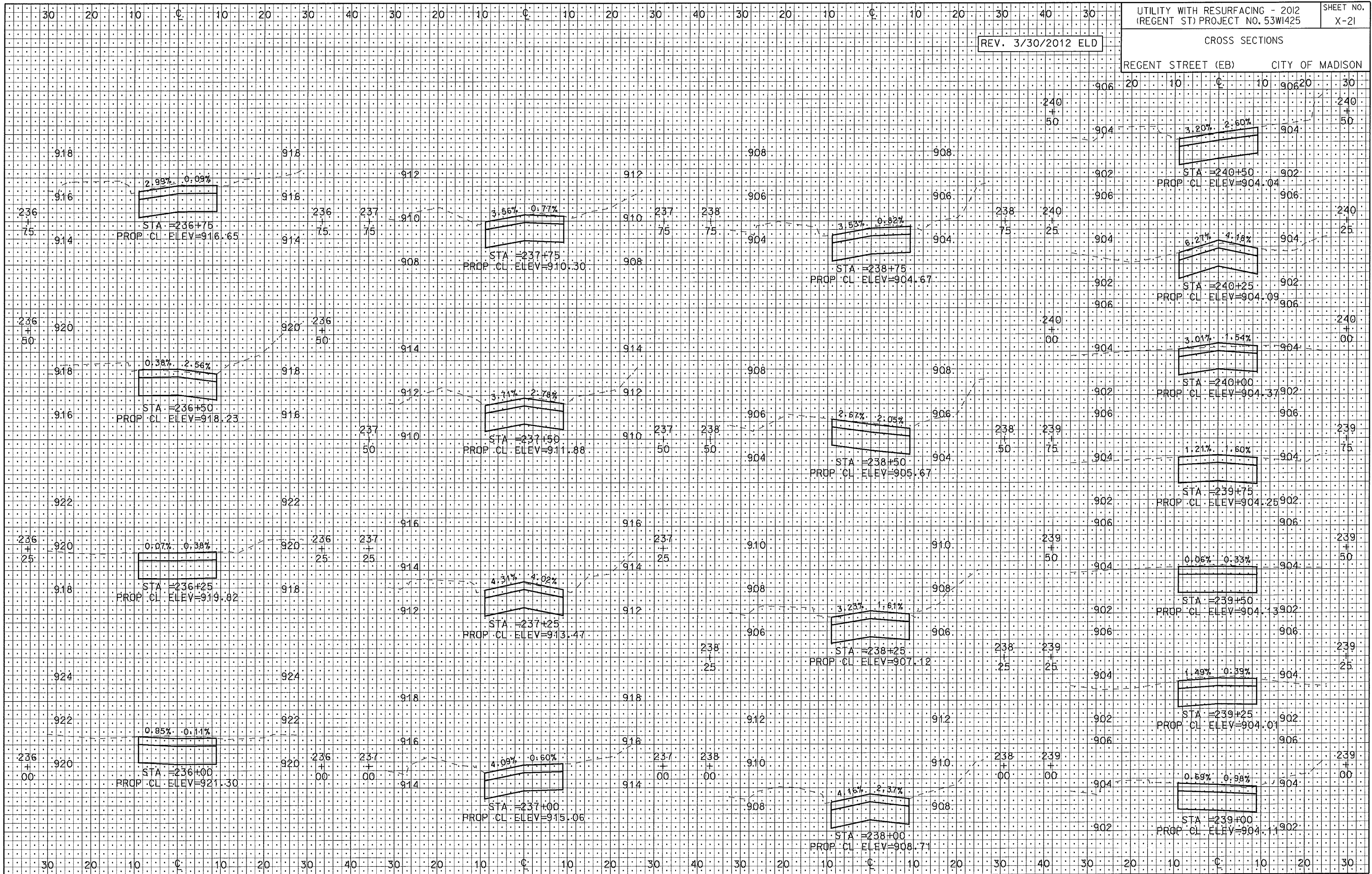
20	10	0	10	20	30
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PLOT SCALE: 1"=40'

PLOT NAME: REGENT STREET (EB)

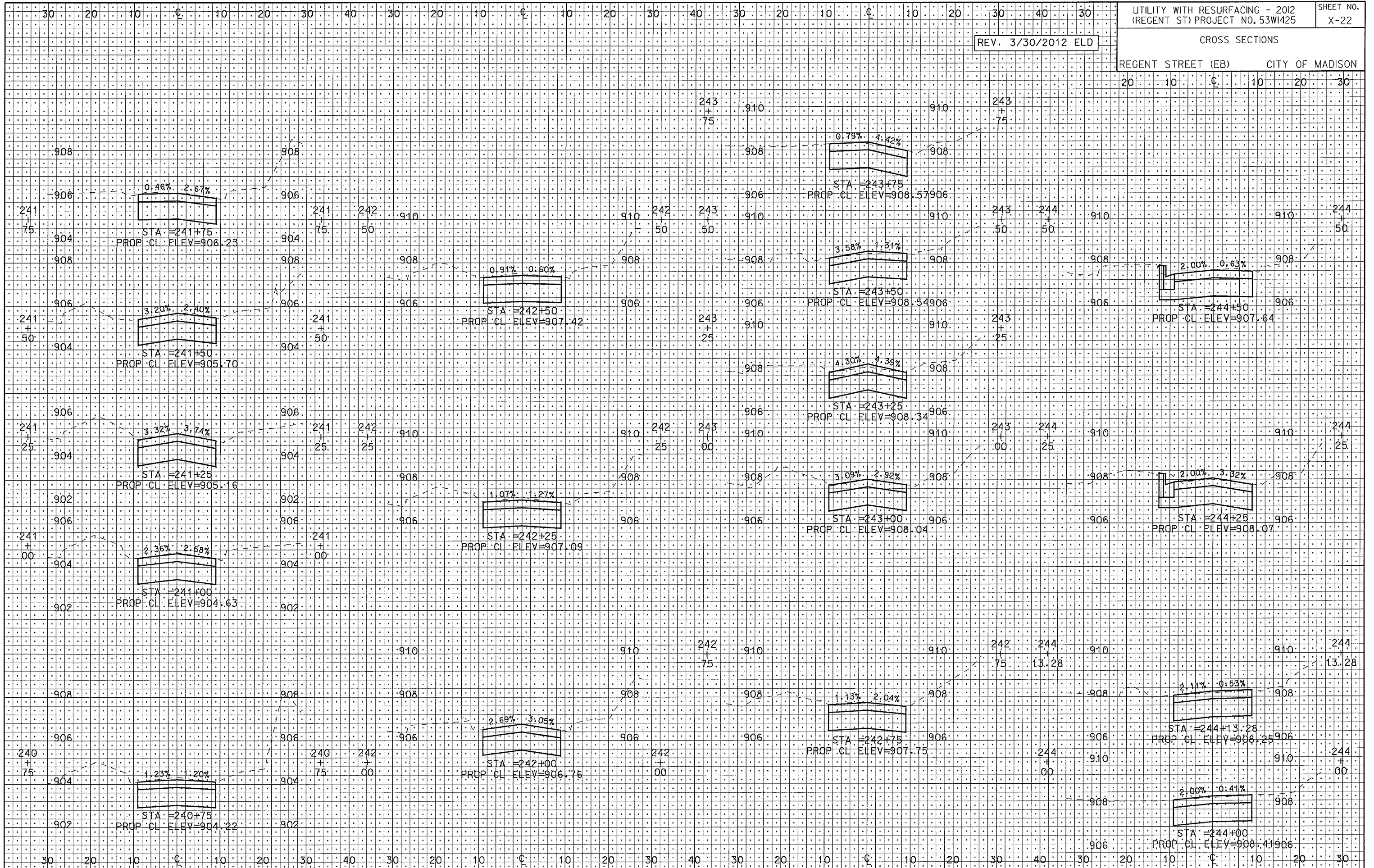
REV. DATE: 3/30/2012



PLOT SCALE:

PLOT NAME:

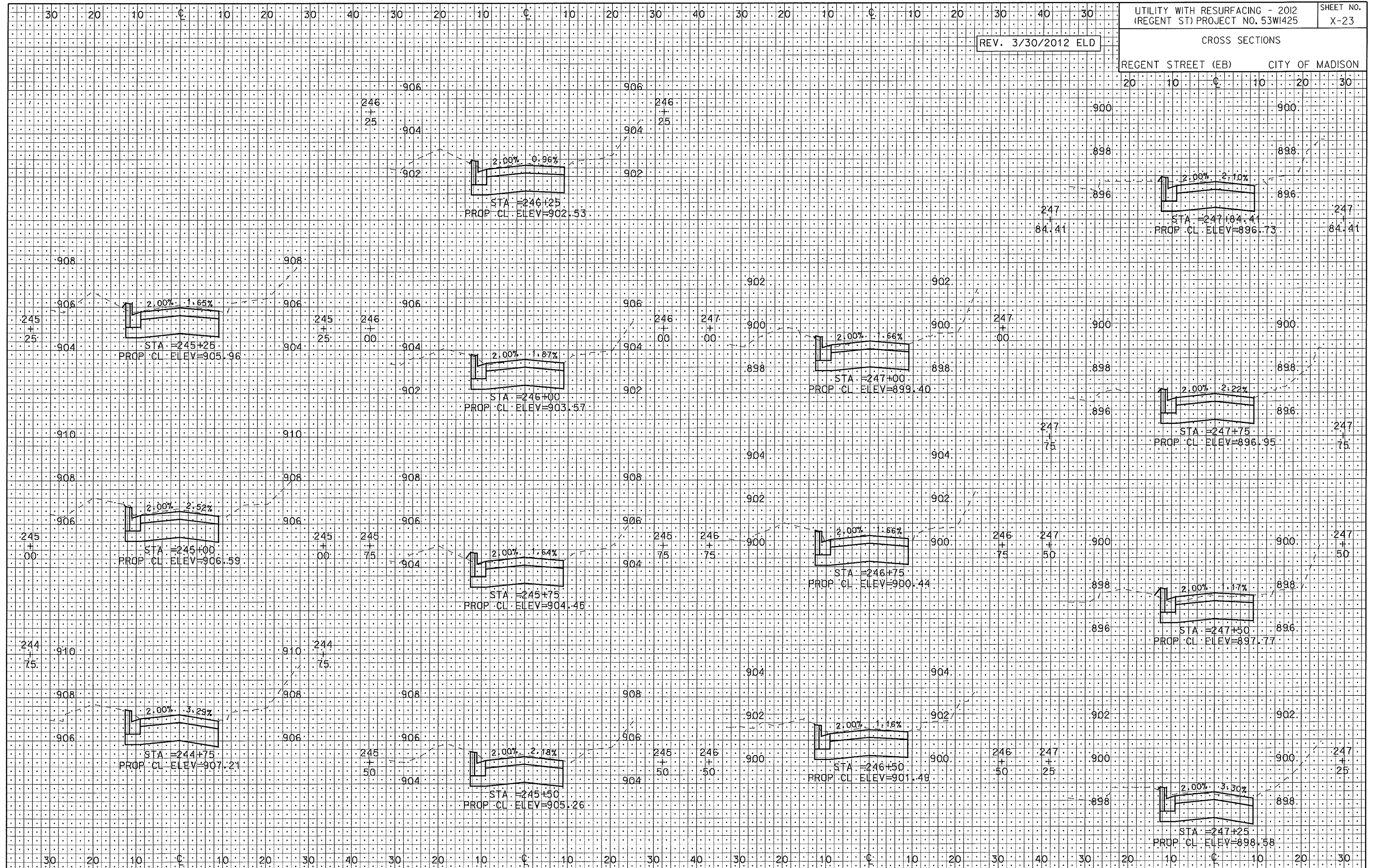
REV. DATE:



PLOT SCALE: 1"=40'

PLOT NAME: REGENT ST

REV. DATE: 3/30/2012

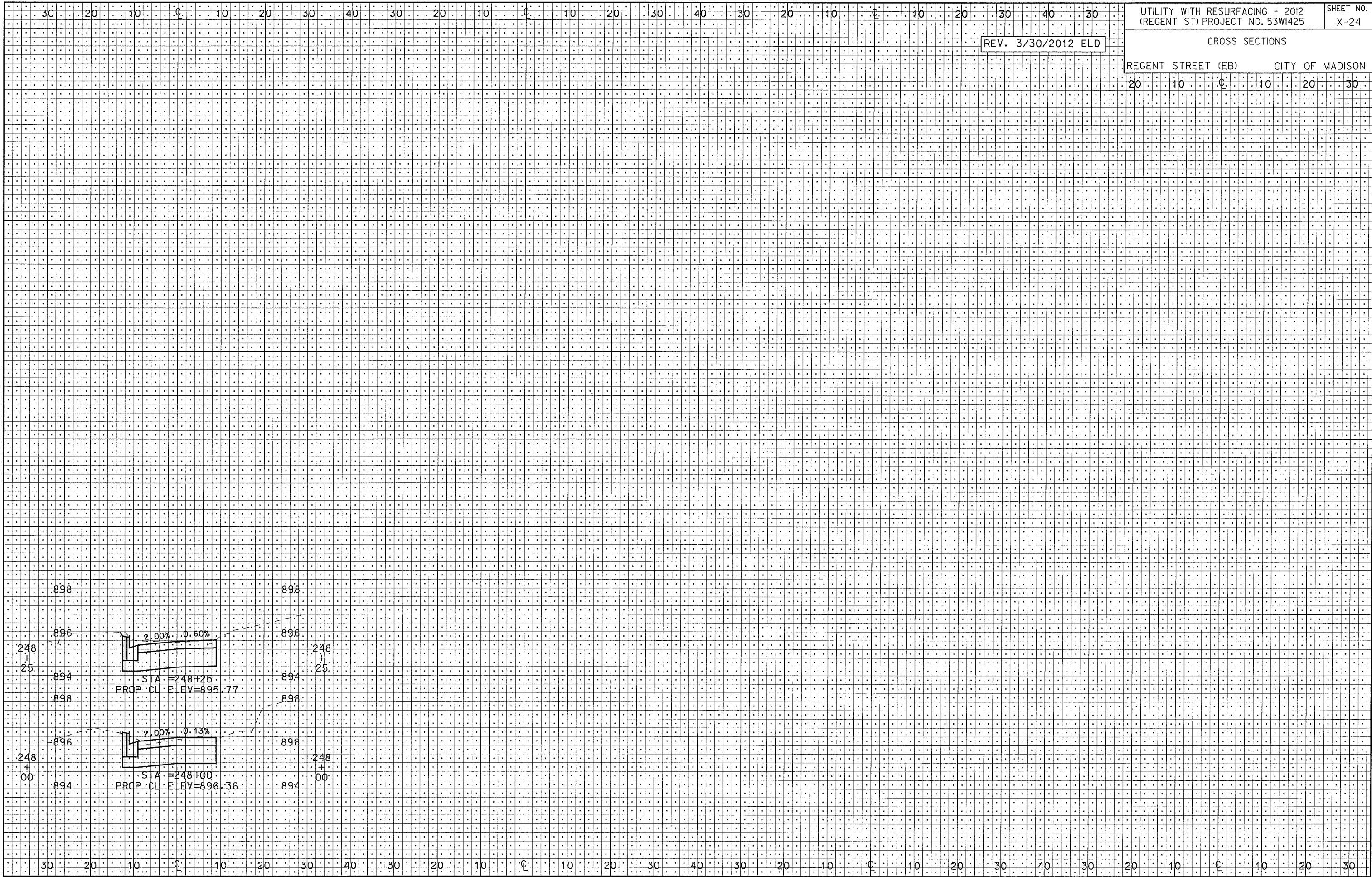


ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: 1"=40'

PLOT NAME: REGENT ST

REV. DATE: 4/2/2012



REV. 3/30/2012 ELD

CROSS SECTIONS

REGENT STREET (EB) CITY OF MADISON