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NOTICE OF ADDENDUM

**ADDENDUM NO. 1
CONTRACT NO. 6882**

**UTILITY REPLACEMENT WITH RESURFACING ASSESSMENT DISTRICT
2012 (REGENT STREET)**

PLANS:

REMOVE

Remove pages Title Sheet, P-1 – P-20, X-1 – X24

INSERT

Pages Title Sheet, D-2, D-3, P-1 – P-20, X-1 – X24; revised profiles, added rain gardens

SPECIFICATIONS:

REMOVE

Remove pages D-1 thru D-11

INSERT

Pages D-1 – D-12 (revised April 2, 2012); Revise Cooperation of the Contractor; Add Special Item 90030, 90031

PROPOSAL:

REMOVE

Proposal pages E-5 thru E-11

INSERT

Proposal pages E-5 – E-11 (revised April 2, 2012); Revise Bid Item 20101, 40202, Add Bid Item 50400, 50792, 90030, 90031

Revise and amend the contract document(s) for the above project as stated in this addendum, otherwise, the original document shall remain in effect.

Please acknowledge this addendum on page E1 of the contract documents.

Electronic version of these documents can be found on the City of Madison web site at:

<http://www.cityofmadison.com/business/PW/contracts/openforBid.cfm>

If you are unable to download plan revisions associated with the addendum, please contact the Engineering office at 608-266-4751 receive the material by another route.

Robert F. Phillips, P.E., City Engineer

PROPOSAL

REVISED 4/2/2012

NAME OF BIDDER

UTILITY REPLACEMENT WITH RESURFACING ASSESSMENT DISTRICT - 2012

Contract No. 6882

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES	UNIT PRICE BID	TOTAL BID
STREET ACCOUNT NO. CS53-58260-810358-00-53W1425				
10701	TRAFFIC CONTROL	1.0	LUMP SUM	
10721	TRAFFIC CONTROL SIGN - PORTABLE CHANGEABLE MESSAGE	20.0	DAYS	
10801	ROOT CUTTING - CURB AND GUTTER	480.0	L.F.	
10802	ROOT CUTTING - SIDEWALK(UNDISTRIBUTED)	50.0	L.F.	
10911	MOBILIZATION	1.0	LUMP SUM	
20101	EXCAVATION CUT	12195.0	C.Y.	
20219	BREAKER RUN	5770.0	TON	
20221	TOPSOIL	500.0	S.Y.	
20303	SAWCUT BITUMINOUS PAVEMENT	500.0	L.F.	
20401	CLEARING (UNDISTRIBUTED)	25.0	I.D.	
20403	GRUBBING (UNDISTRIBUTED)	25.0	I.D.	
20701	TERRACE SEEDING	500.0	S.Y.	
21061	EROSION MATTING, CLASS I, URBAN TYPE A	500.0	S.Y.	
30301	5 INCH CONCRETE SIDEWALK	100.0	S.F.	
30311	CONCRETE MOUNTBLE MEDIAN ISLAND NOSE	540.0	S.F.	
30340	CURB RAMP DETECTABLE WARNING FIELD	152.0	S.F.	
40101	CRUSHED AGGREGATE BASE COURSE, GRADATION 1	6250.0	TON	
40102	CRUSHED AGGREGATE BASE COURSE, GRADATION 2 OR 3	14150.0	TON	
40202	HMA PAVEMENT, TYPE E-1	6600.0	TON	
40211	TACK COAT	1550.0	GAL	
40341	ASPHALT DRIVE AND TERRACE - RESURFACING	100.0	S.Y.	

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Contract No. 6882

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
40367	ADJUST VALVE CASTING METHOD #1	15.0	EACH		
40381	REMOVE AND REPLACE CURB AND GUTTER, MACHINE PLACED MORE THAN 100 CONTINUOUS FEET - RESURFACING	5200.0	L.F.		
40382	REMOVE AND REPLACE CURB AND GUTTER, HAND PLACED - RESURFACING	2550.0	L.F.		
60803	PAVEMENT MARKING EPOXY, LINE, 8-INCH	110.0	L.F.		
60812	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	2700.0	L.F.		
60816	PAVEMENT MARKING EPOXY, CONTINENTAL CROSSWALK, 18-INCH	250.0	L.F.		
60818	PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH	400.0	L.F.		
60822	PAVEMENT MARKING EPOXY, SYMBOL, BIKE SHARROW	25.0	EACH		
60829	PAVEMENT MARKING EPOXY, SYMBOL, SYMBOL, LEFT ARROW	2.0	EACH		
60834	PAVEMENT MARKING EPOXY, WORD, ONLY	1.0	EACH		
STREET ACCOUNT NO. CS53-58260-810358-00-53W1425 (75%)					
WATER ACCOUNT NO. EW01-58273-810455-00-53W1425 (25%)					
40391	REMOVE AND REPLACE 5" THICK CONCRETE SIDEWALK - RESURFACING	1975.0	S.F.		
40392	REMOVE & REPLACE 7" THICK SIDEWALK AND DRIVEWAY - RESURFACING	4000.0	S.F.		
STREET ACCOUNT NO. CS53-58270-810358-00-53W1425					
20217	CLEAR STONE	600.00	TON		
21001	EROSION CONTROL PLAN & IMPLEMENTATION	1.00	LUMP SUM		
21002	EROSION CONTROL INSPECTION	6.00	EACH		
21011	CONSTRUCTION ENTRANCE	7.00	EACH		
21012	STREET CONSTRUCTION ENTRANCE BERM	4.00	EACH		
21013	STREET SWEEPING	1.00	LUMP SUM		
21017	INLET PROTECTION TYPE D	41.00	EACH		
21024	SILT SOCK (12 INCH) COMPLETE	330.00	L.F.		

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ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
21032	INLET PROTECTION TYPE C - PROVIDE & INSTALL	4.00	EACH		
21033	INLET PROTECTION TYPE C - MAINTAIN	4.00	EACH		
21034	INLET PROTECTION TYPE C - REMOVE	4.00	EACH		
21036	INLET PROTECTION TYPE C MODIFIED - PROVIDE & INSTALL	22.00	EACH		
21037	INLET PROTECTION TYPE C MODIFIED - MAINTAIN	22.00	EACH		
21038	INLET PROTECTION TYPE C MODIFIED - REMOVE	22.00	EACH		
21042	INLET PROTECTION TYPE D (UNDISTRIBUTED) - PROVIDE & INSTALL	4.00	EACH		
21043	INLET PROTECTION TYPE D (UNDISTRIBUTED) - MAINTAIN	4.00	EACH		
21044	INLET PROTECTION TYPE D (UNDISTRIBUTED) - REMOVE	4.00	EACH		
21056	INLET PROTECTION TYPE D HYBRID - PROVIDE & INSTALL	8.00	EACH		
21057	INLET PROTECTION TYPE D HYBRID - MAINTAIN	8.00	EACH		
21058	INLET PROTECTION TYPE D HYBRID - REMOVE	8.00	EACH		
21052	POLYMER STABILIZATION	10,478.00	S.Y.		
21062	EROSION MATTING, CLASS I, URBAN TYPE B	211.00	S.Y.		
40362	ADJUST SEWER ACCESS STRUCTURE CASTING - RESURFACING	9.00	EACH		
40363	ADJUST CATCHBASIN CASTING	1.00	EACH		
40364	ADJUST INLET - RESURFACING TYPE H	3.00	EACH		
40366	REBUILD INLET - RESURFACING	22.00	EACH		
50411	12 INCH RCP STORM SEWER PIPE	31.00	L.F.		
50741	TYPE H INLET	2.00	EACH		
STORM ACCOUNT NO. ESTM-58270-810381-00-53W1425					
10702	TRAFFIC CONTROL FOR STORM SEWER INSTALLATION	1.0	LUMP SUM		

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Contract No. 6882

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
10912	MOBILIZATION FOR STORM SEWER INSTALLATION	1.0	LUMP SUM		
20701	TRENCH RESTORATION 4 INCH TOPSOIL, SEED, FERTILIZE (NO MULCH)	200.0	T.F.		
50211	SELECT BACKFILL FOR STORM SEWER	381.0	T.F.		
50403	18 INCH STORM SEWER PIPE	198.0	L.F.		
50412	15 INCH RCP STORM SEWER PIPE	82.0	L.F.		
50413	18 INCH RCP STORM SEWER PIPE	70.0	L.F.		
50723	3'X3' STORM SAS	3.0	EACH		
50763	TERRACE INLET	2.0	EACH		
50801	UTILITY LINE OPENING	1.0	EACH		
STORM RAIN GARDEN ACCOUNT NO. ESTM-58270-810515-00-53W1425					
50400	6 INCH STORM SEWER PIPE (NON-METALLIC)	12.0	L.F.		
50792	STORM SEWER TAP	1.0	EACH		
90030	RAINGARDEN #1	1.0	EACH		
90031	RAINGARDEN #2	1.0	EACH		
SANITARY ACCOUNT NO. ES01-58275-810332-00-53W1425					
10704	TRAFFIC CONTROL FOR SANITARY SEWER INSTALLATION	1.0	LUMP SUM		
10914	MOBILIZATION FOR SANITARY SEWER INSTALLATION	1.0	LUMP SUM		
20102	ROCK EXCAVATION (UNDISTRIBUTED)	30.0	C.Y.		
20311	REMOVE SEWER ACCESS STRUCTURE	1.0	EACH		
20336	PIPE PLUG	21.0	EACH		
50103	RECONSTRUCT BENCH & FLOWLINES	1.0	EACH		
50212	SELECT BACKFILL SANITARY SEWER	1398.0	T.F.		

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ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
50302	10" PVC SEWER PIPE (SDR 35)	314.0	L.F.		
50304	15" PVC SEWER PIPE (SDR 35)	10.0	L.F.		
50305	18" PVC SEWER PIPE (SDR 26)	847.0	L.F.		
50325	18" PVC PRESSURE SANITARY SEWER PIPE	67.0	L.F.		
50353	SANITARY SEWER LATERAL (SDR 35, SDR 26)	160.0	L.F.		
50354	RECONNECT SANITARY SEWER LATERAL	11.0	EACH		
50361	WASTEWATER CONTROL	1.0	EACH		
50701	4' DIA SAS	7.0	EACH		
50791	SANITARY SEWER TAP	3.0	EACH		
50390	SEWER ELECTRONIC MARKERS	18.0	EACH		

WATER ACCOUNT NO. EW01-58273-810455-00-53W1425

10703	TRAFFIC CONTROL FOR WATER MAIN INSTALLATION	1.00	LUMP SUM		
10913	MOBILIZATION FOR WATER MAIN INSTALLATION	1.00	LUMP SUM		
70002	FURNISH AND INSTALL 6 INCH PIPE & FITTINGS	252.00	L.F.		
70003	FURNISH AND INSTALL 8 INCH PIPE & FITTINGS	5130.00	L.F.		
70405	CUT-IN CONNECTION	1.00	EACH		
70407	FURNISH AND INSTALL HYDRANT	8.00	EACH		
70408	SELECT FILL - SAND FOR WATER	5382.00	L.F.		
70413	FURNISH AND INSTALL STYROFOAM	120.00	L.F.		
70414	CUT OFF EXISTING WATER MAIN	8.00	EACH		
70415	ABANDON WATER VALVE BOX	12.00	EACH		
70416	ABANDON HYDRANT	6.00	EACH		

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Contract No. 6882

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
70418	ADJUST WATER VALVE BOX	1.00	EACH		
70424	TERRACE RESTORATION FOR WATER MAIN	70.00	L.F.		
70428	FURNISH AND INSTALL 6 INCH VALVE	8.00	EACH		
70429	FURNISH AND INSTALL 8 INCH VALVE	11.00	EACH		
70440	EXTEND AND RECONNECT SERVICE LATERAL - 1 INCH	175.00	L.F.		
70441	EXTEND AND RECONNECT SERVICE LATERAL - 1.5 INCHES	21.00	L.F.		
70442	EXTEND AND RECONNECT SERVICE LATERAL - 2 INCHES	40.00	L.F.		
70443	DISCONNECT AND RECONNECT SERVICE LATERAL - 1 INCH	10.00	EACH		
70450	FURNISH AND INSTALL CURB BOX	5.00	EACH		
70452	ADJUST WATER SERVICE BOX	3.00	EACH		
70453	ABANDON EXISTING CURB BOX	5.00	EACH		
70454	REPLACE COPPER SERVICE LATERAL - 1 INCH	355.00	L.F.		
70454	REPLACE COPPER SERVICE LATERAL - 2 INCHES	25.00	L.F.		
70455	PIPE PLUG FOR WATER MAIN INSTALLATION	1.00	EACH		
70456	FURNISH EXCAVATION AND DITCH FOR LIVE TAP	6.00	EACH		
TRAFFIC SIGNALS ACCOUNT NO. CS53-58540-810358-00-53W1425					
60222	FURNISH & INSTALL 3 INCH PVC (SCHEDULE 80) CONDUIT	1450.00	L.F.		
60224	FURNISH & INSTALL 3 INCH PVC (SCHEDULE 40) CONDUIT	2200.00	L.F.		
60230	FURNISH & INSTALL 2 INCH PVC (SCHEDULE 80) CONDUIT	900.00	L.F.		
60232	FURNISH & INSTALL 2 INCH PVC (SCHEDULE 40) CONDUIT	2350.00	L.F.		
60241	GOPHER RACEWAY FOR ELECTRICAL CONDUIT OR CABLE-IN-DUCT	100.00	L.F.		
60261	ELECTRICAL TRENCH	3600.00	L.F.		

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UTILITY REPLACEMENT WITH RESURFACING ASSESSMENT DISTRICT - 2012

Contract No. 6882

ITEM	TYPE OF WORK	ESTIMATED QUANTITIES		UNIT PRICE BID	TOTAL BID
60427	REMOVE ELECTRICAL HANDHOLE	1.00	EACH		
60702	CONSTRUCT ELECTRICAL HANDHOLE TYPE I	13.00	EACH		
60704	CONSTRUCT ELECTRICAL HANDHOLE TYPE 3	2.00	EACH		
60706	CONSTRUCT ELECTRICAL HANDHOLE TYPE 5	2.00	EACH		
GRAND TOTAL					

SECTION D SPECIAL PROVISIONS

**UTILITY REPLACEMENT WITH RESURFACING
ASSESSMENT DISTRICT – 2012
(REGENT STREET)**

CONTRACT NO. 6882

It is the intent of these Special Provisions to set forth the final contractual intent as to the matter involved and shall prevail over the Standard Specifications and plans whenever in conflict therewith. In order that comparisons between the Special Provisions can be readily made, the numbering system for the Special Provisions is equivalent to that of the Specifications.

Whenever in these Specifications the term "Standard Specifications" appears, it shall be taken to refer to the City of Madison Standard Specifications for Public Works Construction and Supplements thereto.

SECTION 102.10: MINIMUM RATE OF WAGE SCALE

For this project, payment of prevailing wages (white sheet) is not required if either: a single trade accounts for 85% or more of the total labor costs of the project and the bid is less than \$48,000; or no single trade accounts for 85% or more of the total labor costs of the project and the bid is less than \$100,000. For bids not meeting either of these conditions, prevailing wages shall be required.

If required, the wages and benefits paid on the contract shall not be less than those specified in the Prevailing Wage Determination included with these contract documents for the following types of work:

- Building and Heavy Construction
- Sewer, Water, and Tunnel Construction
- Local Street and Miscellaneous Paving Operations
- Residential and Agricultural Construction

All bidders are notified that all labor employed on City contracts must be paid in accordance with the minimum rate of wage scale included in the Contract Documents.

For the information of the employees working on the project, a copy of the wage scale included in the contract documents and the provisions of Section 66.0903(8) of the Wisconsin Statutes shall be kept posted by the employer and in at least one conspicuous and easily accessible place at the site of the project.

The Contractor shall keep weekly payroll records setting forth the name, address, telephone number, classification, wage rate and fringe benefit package of each employee who worked on such City project and all other projects the employee worked in the same period, and the Contractor must keep records of the individual time each employee worked on the project and for each day of the project. Such records shall also set forth the total number of hours of overtime credited to each such employee for each day and week and the amount of overtime pay received in that week. Such records shall, in addition, set forth the full weekly wages earned by each such employee and the actual hourly wage paid to that employee. The Contractor shall submit payroll records to the Engineer every week for those periods when work is being done on the project. Said submittal shall be within twenty-one (21) calendar days of the end of the Contractor's weekly pay period.

The Contractor shall ensure that employees shall be paid unconditionally and shall receive the full amounts accrued at the time of payment, computed at rates not less than those stated in the City of Madison "Minimum Rate of Wage Scale" and that each employee's rate shall be determined by the work that is done within the trade or occupation classification which should be properly assigned to such employee. Questions regarding an employee's classification or rate of pay within that classification, shall be resolved by the practice that

predominates in the industry and on which the trade or occupation rate/classification is based. Therefore, rate of pay, classification and work jurisdiction disputes shall be resolved by relying upon practices established by collective bargaining agreements and guidelines used in such determinations by appropriate recognized trade unions operating within the City of Madison.

The Contractor shall agree that the normal rate of wage paid to the Contractor's employees on other projects shall not be reduced or otherwise diminished as a result of the requirement to pay no less than the minimum rate of wage scale on a City project. Mulcting of employees on City projects by contractors, such as by kickbacks or other such devices, is prohibited.

These contract provisions shall apply to all work performed on the contract by the Contractor with its own organization and with assistance of laborers under its immediate superintendency and to all work performed by piecework or by subcontract. No laborer, worker, or mechanic shall be employed directly upon the site of the work except on a wage basis, but this shall not be construed to prohibit the rental of equipment from individuals.

In the event of a refusal by the Contractor to submit payroll records as required by the contract, the City of Madison shall have the option to cancel this contract and request the Surety to perform or to relet the balance of the work for bids, and in that event, to charge the Contractor for any loss which the City may incur thereby.

SECTION 102.12: BEST VALUE CONTRACTING

This Contract shall be considered a Best Value Contract if the Contractor's bid is equal to or greater than \$51,500 for a single trade contract; or equal to or greater than \$251,000 for a multi-trade contract pursuant to MGO 33.07(7).

ARTICLE 104 SCOPE OF WORK

The work under this contract shall consist of replacing sanitary and storm sewer, water main, removing and replacing concrete curb and gutter, sidewalk and drive aprons, excavation cut, crushed aggregate base course and repaving the roadway, as noted in the specifications and on the plans.

The project is approximately 4,800 ft in length. The project limits for the work are:
Regent Street: North Whitney Way to Midvale Boulevard

The Contractor shall view the site prior to bidding to become familiar with the existing conditions. It will be the responsibility of the Contractor to work with the utilities located in the right of way to resolve conflicts during the construction process.

SECTION 104.4 INCREASED OR DECREASED QUANTITIES

The Contractor shall note that some bid item quantities may increase or decrease based on what is encountered in the field. If the actual field conditions vary from the plan quantity, no additional compensation shall be given for increasing or decreasing quantities. Any overruns shall be paid for under the appropriate bid item(s) without any penalty or change to the bid price for the associated bid item. The Contractor shall not be reimbursed for any deletions to the contract. No change to the unit bid price will be allowed for changes to the quantities.

SECTION 104.6 DECREASED AND DELETED ITEMS

The electrical quantities include estimates for work that may or may not be required. If actual quantities are less than estimated, or if items are deleted from the contractor's work, the decreased quantities or deleted items shall not constitute the basis for a claim for damages for anticipated profits for the work dispensed with.

SECTION 104.10 CLEANING UP

Excess concrete from finishing operations and from spillage on adjacent sidewalk and curb & gutter shall be removed immediately. Excess concrete or mortar from the finishing operation and spillage into SASs and inlets shall be removed immediately.

SECTION 105.1 AUTHORITY OF THE ENGINEER

The Engineer shall resolve all questions which arise as to the quality and acceptability of materials furnished, work performed, manner of performance, rate of progress of the work, interpretation of the plans and Specifications, acceptable fulfillment of the contract, compensation, and disputes and mutual rights between Contractors under the Specifications. The Engineer shall determine the amount and quantity of work performed and materials furnished.

All decisions of the Engineer shall, when so requested, be rendered in writing. They shall be final and conclusive in all matters unless within ten (10) days after such decision the Contractor applies in writing to the Board of Public Works for a review of such decision.

Any change proposed by a Contractor in SBE subcontractors, vendors or suppliers from those SBEs indicated on the SBE Compliance Report must be approved by the Engineer and the City's Manager of the Affirmative Action Division (hereafter, AAD). When requested, such decision shall be rendered in writing. Such decisions shall be final and conclusive in all matters unless within ten (10) days after such decision the Contractor or the affected SBE applies in writing to the Board of Public Works for a review of such decision.

In the event the Engineer and the AAD disagree over the proper decision to be made regarding an SBE, the Mayor shall appoint a third person to resolve the disagreement, within 30 days of appointment. The decision thus rendered may be reviewed by the Board of Public Works upon request of the Contractor or the affected SBE as set forth in Sections 105.1 and 105.2 of the City's standard specifications.

SECTION 105.12 COOPERATION BY THE CONTRACTOR

The Contractor shall use care around existing trees, plantings, fences, walls, steps and driveways that are indicated on the plans to remain. Damage to these items during construction shall be repaired or replaced at the Contractor's expense. No trees, other than those shown on the plan to be removed, shall be cut without the approval of the Engineer and the City Forester; the abutting property owners shall be notified in accordance with the City's Administrative Procedure Memorandum No. 6-2.

MG&E Gas Replacement – Steve Beversdorf (608) 252-1552

MG&E will be replacing gas main and services along Regent Street starting March 5, 2012. MG&E will install the new gas main approximately 4' off the back of south median curb. During the project, MG&E will reconnect gas services after installation of water main and sanitary sewer have been completed. Installation of new gas main will be the entire length of the project. The contractor shall coordinate and work closely with MG&E to complete work within the contract time.

The Contractor shall maintain access for mail delivery and garbage/recycling pickup for all properties in the project area.

All staging and construction equipment must be stored within project limits.

Hill Farm Swim Club is located at 2 North Eau Claire Avenue. During construction, the swim club will be holding events that will contribute to extra traffic. The contractor shall take care to provide access to the location. Events are as follows:

Friday, June 22nd- 4:00-8:00 pm (dive meet)
Saturday, June 23rd- 6:00 am-1:00 pm (swim meet)
Friday, July 20th- 4:00-8:00 pm (dive meet)
Saturday, July 21st- 6:00 am-1:00 pm (swim meet)
Tuesday, July 17th- 5:00 pm-10:00 pm (water ballet show)
Friday, July 27th- 4:00-8:00 pm (dive meet)
Saturday, July 28th- 6:00 am-1:00 pm (swim meet)
Saturday, August 4th- 5:00-9:00 pm (swim/dive team awards banquet)
Sunday, August 26th- 2:00-5:00 pm (Family Fun Day-DJ party)

SECTION 107.1 PUBLIC CONVENIENCE AND SAFETY

Access to businesses shall be maintained at all times.

The Contractor shall properly barricade and light all work areas. Sidewalk forms, form pins and other items incidental to the work shall not be left or stored on the sidewalk or in the sidewalk area.

The Contractor shall not be allowed to remove curb and gutter from both sides of the street at the same time unless approved by the Engineer. This is in order to minimize the amount of on street parking required by property owners within any given block at the same time.

If sidewalk exists on both sides of any given block, the Contractor shall complete all repairs and reopen the sidewalk on one side of the block before beginning repairs on the opposite side of the block.

The Contractor shall backfill along both sides of the newly poured sidewalk immediately following removal of the sidewalk forms.

SECTION 107.2 PROTECTION AND RESTORATION OF PROPERTY AND PROPERTY OWNERS

Care shall be taken not to disturb property irons, sod areas and retaining walls on private property. Sidewalk forms, form pins and other items incidental to the work shall, at no time, be placed on private property.

SECTION 107.6 DUST PROOFING

The Contractor shall take all necessary steps to control dust arising from operations connected with this contract. When ordered by the Engineer, the Contractor shall dust proof the construction area by using power sweepers and water. Dust proofing shall be incidental with operations connected with this contract.

SECTION 107.7 MAINTENANCE OF TRAFFIC

All signing and barricading shall conform to Part VI of the Federal Highways Administrations "Manual on Uniform Traffic Control Devices" (MUTCD), the State of Wisconsin Standard Facilities Development Manual (including Chapter 16 – Standard Detail Drawings) and the City of Madison Standards for sidewalk and bikeway closures.

The Contractor shall be responsible for installing and maintaining traffic control in accordance with the provided Traffic Control Plan and as directed by the City Traffic Engineer. The traffic control plan may need to be altered as conditions change in the field or as unexpected conditions occur. This may include relocating existing traffic

control or providing additional traffic control. The Contractor shall install and maintain any necessary modifications or additions to the traffic control, as directed by the City Traffic Engineer, at no cost to the City.

Phasing Notes

SECTION 1 (From Whitney Way to Eau Claire Ave)

Phase 1a (May 21st to June 18th)

Westbound lanes of Regent Street shall remain open to traffic between Whitney Way and Eau Claire Avenue. Right turns from southbound Eau Claire Ave to westbound Regent St shall be maintained. Eastbound traffic on Regent St may be restricted between Whitney Way and Eau Claire during Phase 1. Traffic lanes south of the median must be paved before moving to Phase 2.

Phase 1b (June 18th to July 6th)

Construction will take place north of the median on Regent St between Whitney Way and Eau Claire Avenue. In order to maintain bus traffic, westbound traffic will be switched over to south of the median between Eau Claire and Whitney Way. Eastbound traffic on Regent St may be restricted between Whitney Way and Eau Claire during Phase 2.

SECTION 2 (From Eau Claire Ave to Segoe Rd)

Phase 2 (May 21st to August 17th)

Regent St may be closed to thru traffic for the duration of construction in this section. Right turns from Eau Claire Ave to westbound Regent St shall be maintained with adequate room to accommodate Metro buses. Northbound and southbound traffic shall be maintained on Segoe Rd at all times. Adequate turning radii must be provided for Metro buses to make turns between Regent St and Segoe Rd prior to Phase 3.

SECTION 3 (From Segoe Rd to Midvale Blvd)

Phase 3 (June 18th to Aug 3rd)

Regent St may be closed to thru traffic. Access must be maintained to the Associated Physicians driveway at 4410 Regent St. There will be times when the driveway will only be accessible by having vehicles drive eastbound from Price Pl on the north side of the Regent St median. Associated Physicians shall be notified 48 hours in advance of any access changes to their driveway. Northbound and southbound traffic shall be maintained on Segoe Rd.

End phasing Notes

Changeable message boards shall be installed 5 working days before traffic restrictions. Refer to provided traffic control plan for changeable message board locations and times.

The Contractor shall not remove or cover any traffic signs. For removal, replacement, or covering of traffic and parking signs, contact the City of Madison Traffic Engineering Field Operations, 1120 Sayle Street, 266-4767, 8:00 a.m. to 4:00 p.m., 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.

No construction equipment or materials shall be stored in the peak hour restriction roadway or street right-of-way that is open to traffic during non-working hours. Construction equipment and materials are not to be stored within the street right-of-way that is outside the project limits as shown on the approved plan.

The work areas shall be backfilled, plated, or protected by traffic control devices during non-working hours. If steel plates are used, the Contractor shall notify the City of Madison Streets Division, 266-4681, one (1) working day prior to placement of the plates.

Refer to section 403.1 of the City of Madison Standard Specifications for Traffic Control.

Contact Tom Mohr, Traffic Engineering Division, 267-8725, with any questions concerning these traffic control specifications.

SECTION 107.8 NOTIFICATION WHEN CLOSING STREET

The Contractor shall not remove traffic signs. For removal or replacement of traffic and parking signs, contact the City of Madison Traffic Engineering Field Operations, 1120 Sayle Street, 266-4767, 8:00 a.m. to 4:00 p.m., a minimum of one (1) working day in advance of when any existing signs need to be removed. This service is provided free of charge. If the Contractor removes the signs, the Contractor will be billed for the reinstallation of, and any damage to, the signing equipment.

SECTION 109.2 PROSECUTION OF WORK

The Contractor shall begin work on or after **MAY 21, 2012**. The date of completion of the contract shall be **AUGUST 17, 2012**. Work shall follow Section 107.7 Maintenance of Traffic herein these specifications unless approved by the Engineer.

Work shall begin only after the start work letter is received.

SECTION 210 EROSION CONTROL

The standard specifications for Erosion Control are supplemented as follows. The Contractor shall be responsible for final stabilizing (seeding/matting/sodding/...as called for in the contract) the disturbed terrace area within 10 calendar days after the pouring of adjacent curb and gutter, unless alternate phasing is approved by the Construction Engineer. This specification shall be interpreted by the Contractor to require multiple trips to the job site by the landscaping subcontractor and the Contractor shall plan for that to occur.

BID ITEM 20221 - TOPSOIL

BID ITEM 20701 – TERRACE SEEDING

BID ITEM 21061 – EROSION CONTROL, CLASS I, URBAN TYPE A

Median restoration on Regent Street shall be paid under the above bid items only in locations for main line sanitary sewer excavation and sanitary plugs and abandonments. All other restoration shall be included within resurfacing bid items and trench foot restoration for sanitary laterals.

SECTION 203.2 DISPOSING OF MATERIALS

The Contractor shall comply with Section 203.2 of the City of Madison Standard Specifications for Public Works Construction with regard to salvaging castings.

BID ITEM 20336 – PIPE PLUGS

Structures called out for removal and/or abandonment shall have the existing pipes plugged at the structure, as noted in the plans, and shall be paid for under this bid item. This includes plugs necessary to abandon sanitary sewer laterals. All work under this item shall comply with Article 203 of the Standard Specifications. Any plugs requiring abandoning the existing sanitary main where laterals are being extended shall be considered incidental to BID ITEM 50353-SANITARY SEWER LATERALS (SDR-35, SDR-26).

SECTION 500

SEWERS AND SEWER STRUCTURES

SANITARY SEWER GENERAL

The sanitary sewer designer of this project is Elia E. Acosta (266-4096) or eacosta@cityofmadison.com

Sanitary sewer pipe work shall include installing new PVC SDR 35 & SDR 26 at the sizes and locations that are specified on the plan set and in accordance with the Standard Specifications. Existing sanitary sewer laterals will be reconnected to the new main, which may include extending or abandoning part of the lateral as shown in the plan set. No additional compensation shall be granted for SDR-26 pipe type.

All new sanitary sewer access structures shall include Neenah R-1550 castings with the new City of Madison casting detail (see S.D.D. 5.7.16) of the City of Madison Standard Specifications for Public Works Construction 2012 ed. All new sewer main connections may be factory cored and shall be included in the structure. All existing lateral and main connections shall be field cored to accommodate existing conditions and shall be compensated under BID ITEM 50791 SANITARY SEWER TAP. All sewer main and/or laterals not slated for replacement that are damaged during the installation of a structure shall be replaced by the Contractor and shall be considered incidental to the project. All benches and flowlines shall have a smooth trowel finish.

Between Price Place and Segoe Rd., the intent of the project is to save the curb and gutter. It is advised that the contractor visit the site prior to bidding to determine the type of trench protection necessary for the sewer main installation to save the existing curb.

BID ITEM 50353 - SANITARY SEWER LATERAL (SDR-35, SDR-26)

The laterals were not located and are shown per City records and TV data.

Where the existing sanitary sewer laterals are being extended to connect to the new sanitary sewer main (being installed in a different location as the existing main), pipe plugs shall be required to plug the existing sanitary sewer main on both sides of the old lateral location. The pipe plugs shall be considered incidental to the bid price for SANITARY SEWER LATERAL. All work associated with this bid item shall comply with Article 503 of the Standard Specifications.

Any terrace restoration (topsoil, seed and mulch) required to restore the grassy areas where disturbed for lateral construction, shall be considered incidental to SANITARY SEWER LATERAL.

Where the lateral depths exceed 12ft, SDR-26 pipe shall be installed. SDR-26 pipe shall be installed at no additional cost to this bid item.

ARTICLE 501 – STORM SEWER AND SEWER STRUCTURES GENERAL

STORM SEWER GENERAL

The storm sewer designer of this project is Elia E. Acosta (266-4096) or eacosta@cityofmadison.com

Reconnection of existing pipes at new or existing structures, or new pipes at new or existing structures, shall be considered to be part of the work required to construct the new structure or to construct the new sewer pipe and shall not be rewarded with additional compensation.

Where a new structure is to be constructed at an existing pipe, it is expected that the contractor shall saw cut the existing pipe in the required location to accommodate the placement of the new structure. If the contractor for his or her convenience deems it more suitable to remove the existing pipe to a full joint, the additional pipe and

concrete collar required to reconnect to the new structure shall be the contractor's responsibility and shall not be compensated.

Connection of new pipes to existing structures shall be accommodated with a Storm Sewer Tap – Bid Item 50792.

Precast structures are only allowed where field poured structures are not specifically called for, and no precast structures are allowed until ULO's are completed and approval of the design engineer has been received.

SECTION 601 ELECTRICAL, GENERAL REQUIREMENTS

The existing signal and lighting poles, conduits, handholes, and manholes not scheduled for removal or abandonment shall be protected during construction. If the contractor believes that damage to such facilities is unavoidable, the contractor shall not damage or remove any facilities until the City Traffic Engineering electrical inspector has reviewed and approved such actions. Any damage or removal of City electrical conduit, wire, fiber, or structures, without the specific approval by the City Traffic Engineering electrical inspector shall be promptly repaired or replaced by and at the expense of the contractor. The City may elect to do repair work with City crews. The cost for any repair work done by the City will be billed to the contractor.

Any damage or removal of City street lighting facilities shall be repaired or replaced within 24 hours, but any resulting street light outage resulting from such damage or removal shall be confined to as few numbers of street lights as possible. The streetlight circuits shall remain operational each and every night. If any street light outage continues beyond 24 hours, the City shall have the right to make temporary or permanent repairs, with the full cost of such work, including engineering time, billed to the general contractor.

SECTION 602.4(b) ELECTRICAL CONDUIT

Item 60241, Gopher Raceway, shall include any and all work associated with determining locations of existing utilities, such as underground locates. Item 60241 shall include raceways created by pushing, gophering or boring. The measured quantity will only include distances installed directly underneath curb and gutter, roadway, and sidewalk sections that are not removed or constructed with this project. Minor alterations in conduit location may be made by the City Traffic Engineering Electrical Inspector to avoid gopher installation.

Where curb and gutter is being replaced, the new conduit to be installed parallel to the curb and gutter shall be placed according to the Typical Conduit Installation detail shown on the plan sheet. When existing utilities preclude placing conduit as shown in the detail, the conduit shall be placed under the curb or as close to the curb as possible.

Conduit depth within five feet of entering or leaving any handhole shall be 40 inches.

ARTICLE 607 ELECTRICAL HANDHOLES

The contractor shall furnish Type I, III, and V handholes conforming to this section and the Standard Detail Drawings. Electrical Handhole, Type I shall be gray colored polymer concrete construction. Box dimensions for Type I shall be 19" wide X 32" long X 24" deep and come with a cover rated to withstand 15,000 lbs over a 10" square with a minimum test load of 22,568 lbs. Electrical Pullbox, Type III shall be high density polyethylene box and concrete polymer lid or concrete polymer construction for box and lid. Box dimensions for Type III shall be 12" wide x 12" long x 12" deep. The Type III box and polymer cover shall be rated to withstand 15,000 lbs. Electrical Handhole, Type V, shall be gray colored polymer concrete construction. Box dimensions shall be 26" wide by 38" long by 24" deep. The box and cover shall be rated at 15,000 lbs over a 10" square with a minimum test load of 22,568 lbs.

SECTION 701 GENERAL PROVISIONS FOR WATER INSTALLATION AND ABANDONMENT

This project consists of furnishing and installing primarily 8-inch water main (including hydrants, valves, fittings, etc.) throughout the project limits of construction or where otherwise indicated. The existing water main and structures will be cut off and abandoned through these areas and where indicated on the plans.

Once the new sections of water main have passed the pressure and water quality tests, cut off, extend as necessary, and reconnect the existing water service laterals to the new water main as indicated on the plans.

It is recommended that the contractor visits the site prior to bidding to become better familiar with all existing conditions and utilities.

SECTION 702 MATERIALS

Furnish all materials, labor and equipment necessary to complete this project, except for the tapping sleeves; tapping valves; and tapping valve boxes. The tapping sleeves, tapping valves, and tapping valve boxes will be furnished by the Madison Water Utility, who will also provide the crews to perform these taps.

SECTION 702.2 VALVES AND VALVE BOXES

The AFC Series 2500 is an acceptable model gate valve for this project.

SECTION 703 CONSTRUCTION METHODS

Perform all work in accordance with these provisions and the City of Madison Standard Specifications for Public Works Construction, most recent edition. Keep all valves accessible and functioning throughout the duration of the work unless directed otherwise by a Water Utility representative.

The project limits border on a water system pressure boundary, which is separated by several closed valves which are indicated on the plans. These valves are to remain closed at all times during construction, unless specifically instructed otherwise by the Engineer.

SECTION 70306 CONNECTING TO EXISTING WATER MAINS

The following properties/businesses may be especially sensitive to water shut-offs. In addition to standard notification requirements, plan any construction activities which will impact water service as much in advance as possible, and in such a way that will minimize impacts to their business operations:

- 2 N. Eau Claire Avenue (Hill Farm Swim Club):
 - Notification contacts: Matt Green – 608.658.1764 or Janna Casey – 608.279.1963.
- 115 N. Eau Claire Avenue (Rennebohm Park)
 - Coordinate shutoff efforts with the City of Madison Parks schedule.
 - Notification contact: Tom Skaife – 608.267.4937.
- 4506 Regent Street (Associated Dentists)
 - Regular hours – Monday-Thursday from 7:15am to 5:00pm, Friday from 7:15am to 3:00pm.
 - Closed Saturday/Sunday.
 - Notification contact: Mary McCullough – 608.698.6755.
- 4410 Regent Street and 202 N. Midvale Boulevard (Associated Physicians)
 - Regular hours – Monday-Friday from 8:00am to 5:00pm, Saturday from 8:00am to 12:00pm.
 - Closed Sunday.
 - Notification contacts: John Ewalt – 608.233.9746 or Kim Marshall – 608.442.7773.
- 4414 Regent Street #3 (Hilldale Dental)
 - Regular hours – Monday-Thursday from 8:00am to 5:00pm.

- Closed Friday-Sunday.
- Notification contact: Fred Jaeger – 608.231.2424. Fred Jaeger is also the overall property manager.
- 4414 Regent Street #2 (Schuster Dermatology)
 - Notification contact: General Business Line – 608.238.7179.
- 420 N. Segoe Road (Karen Arms Apartments)
 - Numerous properties and tenants on the north side of Regent Street between Rennebohm Park and the Regent/Segoe intersection.
 - Notification contact: Jason Gillette – 608.558.4843 or General Line – 608.238.4228.

SECTION 70433 REPLACE COPPER SERVICE LATERAL

The plans indicate areas for potential service replacement (WN11), however all such service laterals, curb boxes, and curb stops shall first be examined by a Water Utility Inspector in the field to determine the necessity for replacement or other alternatives. Alternatives to the indicated total replacement may include a combination of extending/reconnecting (WN2) or disconnecting/reconnecting (WN4) a service lateral, and replacing a curb stop and/or box. These items shall be paid at the contract bid unit prices.

WATER UTILITY GENERAL NOTES FOR SPECIFIC WORK:

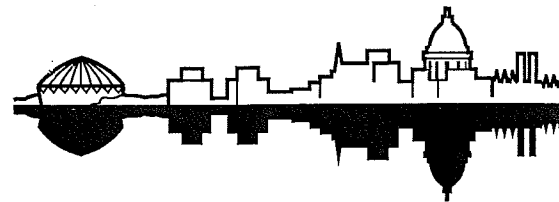
- | | |
|------|---|
| WN1 | Replace the existing lead service with a new copper service. |
| WN2 | Extend and reconnect the existing copper service to the new water main. |
| WN3 | Existing service to be abandoned when the water main is cut-off. |
| WN4 | Disconnect service from the old water main and 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 and salvage existing hydrant. |
| WN11 | Replace the existing copper service with a new copper service. |

BID ITEM 90030 – RAINGARDEN #1

All work under this item shall comply with Article 211-TERRACE RAIN GARDEN of the City of Madison Standard Specifications 2012 Edition and the detail drawings provide in the plan set. Included in this bid item shall be two Neenah castings R-3268 poured into the curb with a 6” PVC draining from each casting into the raingarden for each raingarden.

BID ITEM 90031 – RAINGARDEN #2

All work under this item shall comply with Article 211-TERRACE RAIN GARDEN of the City of Madison Standard Specifications 2012 Edition and the detail drawings provide in the plan set. Included in this bid item shall be two Neenah castings R-3268 poured into the curb with a 6" PVC draining from each casting into the raingarden for each raingarden.



Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

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

INDEX OF SHEETS

SHEET NO.	TITLE
1	
D1-D3	DETAILS <i>Sheets added 4/2/2012 ELD</i>
EC1-EC10	EROSION CONTROL PLAN
P1-P20	STREET & UTILITY PLAN & PROFILE
U1-U2	UTILITY SCHEDULES
W1-W10	WATER PLAN
W11-W12	WATER IMPACT PLAN
W13	WATER MATERIALS LIST
E1-E4	ELECTRICAL PLAN
M1-M8	PAVEMENT MARKING PLAN
TC1-TC8	TRAFFIC CONTROL PLAN
X1-X24	CROSS SECTIONS

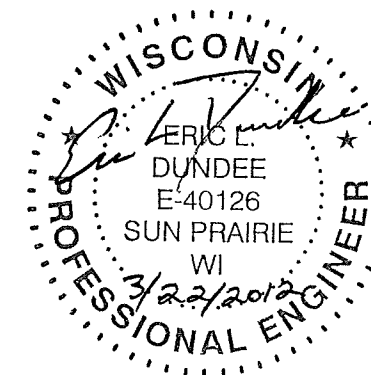
REGENT STREET RESURFACING WITH UTILITIES

PART OF THE UTILITY REPLACEMENT WITH
RESURFACING ASSESSEMENT DISTRICT - 2012

CITY PROJECT NO. 53W1425

CONTRACT NO. 6882

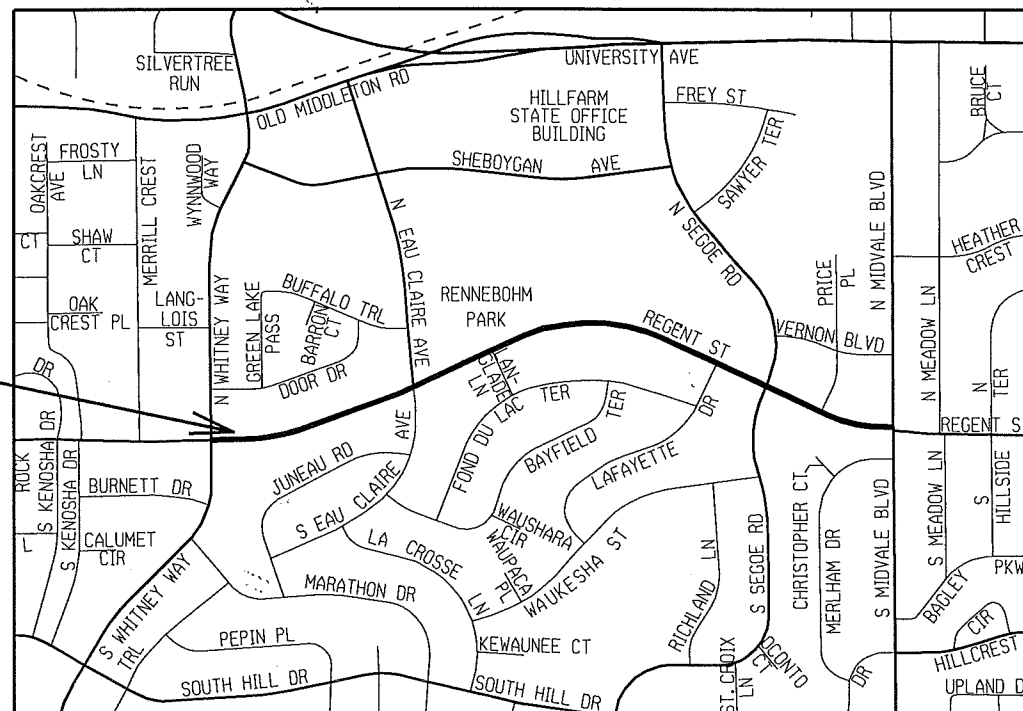
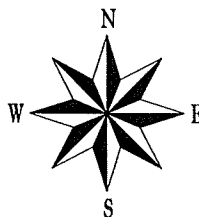
STREET
DESIGNED BY:



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

NOTES:

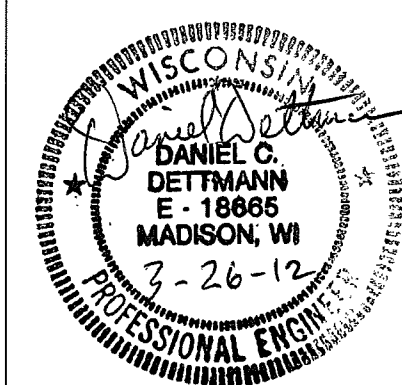
ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50% TOWARD STORM SEWER INLETS.

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%.

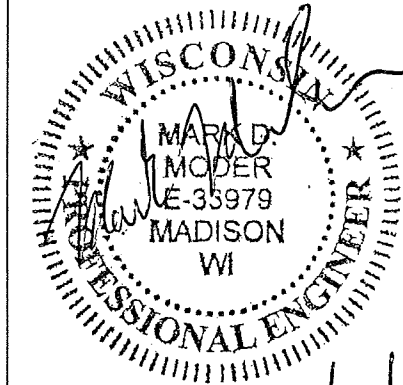
EARTH WORK SUMMARY:

EXCAVATION CUT (MEASURED PLAN QUANTITY).....	9,310	<i>Quantity Revised 4/2/12 ELD</i>
ESTIMATED UNDISTRIBUTED UNDERCUT.....	2,748	C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT.....	2,885	C.Y.
	11,625	C.Y.
	12,195	<i>Quantity Revised 4/2/12 ELD</i>

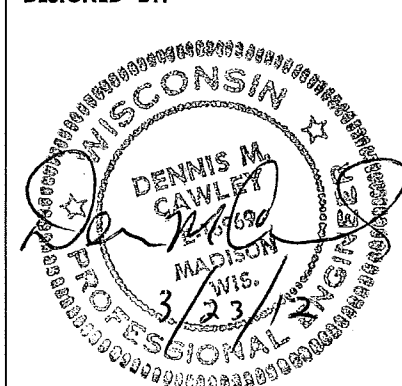
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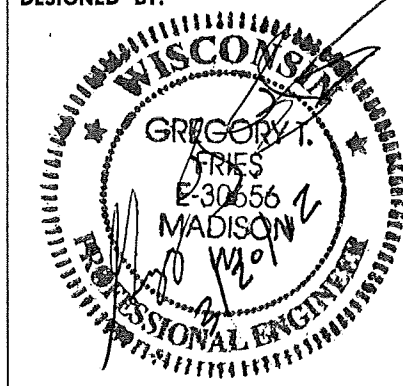
SANITARY SEWER
DESIGNED BY:



WATER
DESIGNED BY:



STORM SEWER
DESIGNED BY:



RAINGARDEN PLAN

RG#1 CITY OF MADISON

SCALE:
1"=6'

REGENT ST

PLOT SCALE:

PLOT NAME:

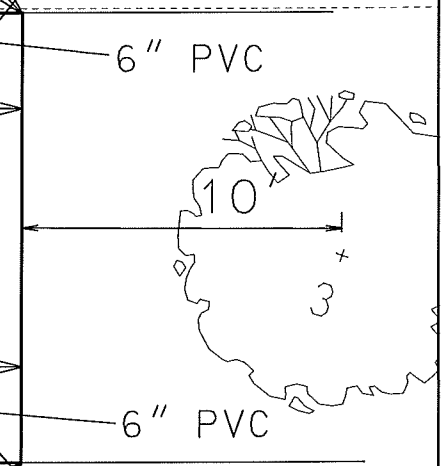
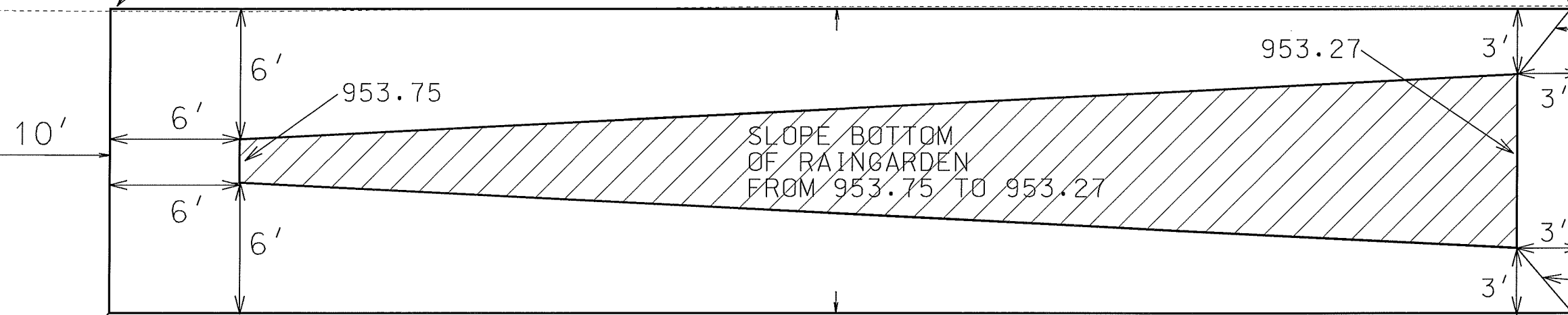
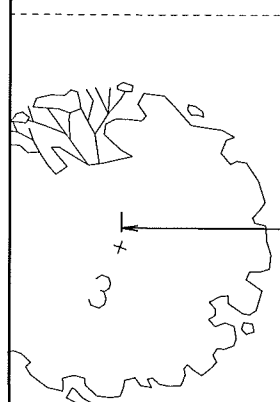
REV. DATE:

108+36
RT-12.00
EST GROUND=955.58

109+04
RT-12.00
EST GROUND=953.77

109+00

NEENAH R-3268
CASTING AND
6" PVC PER
CITY STANDARD SPEC



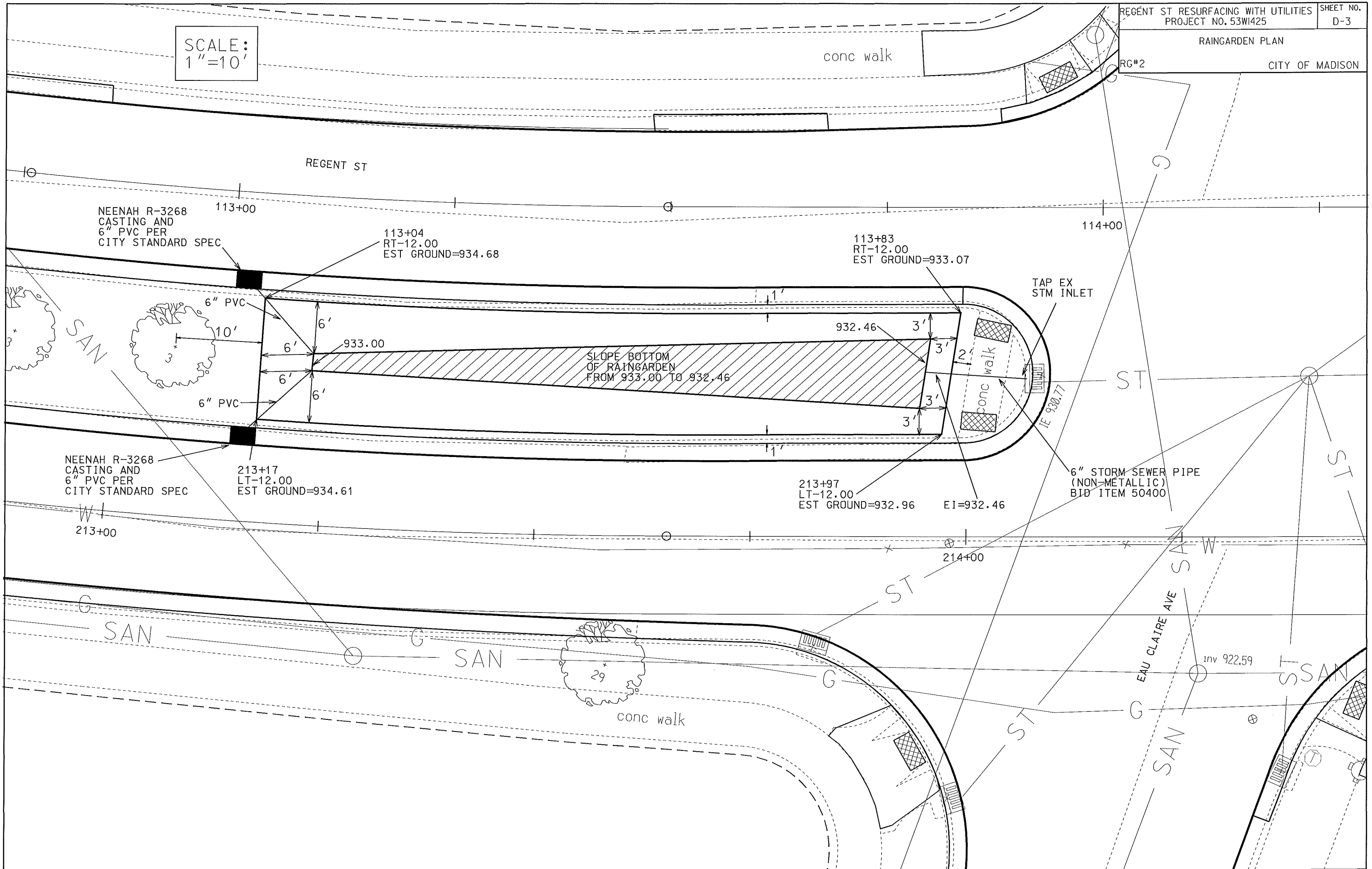
208+48
LT-12.00
EST GROUND=955.58

209+16
LT-12.00
EST GROUND=953.73

209+00

NEENAH R-3268
CASTING AND
6" PVC PER
CITY STANDARD SPEC

SCALE:
 1"=10'

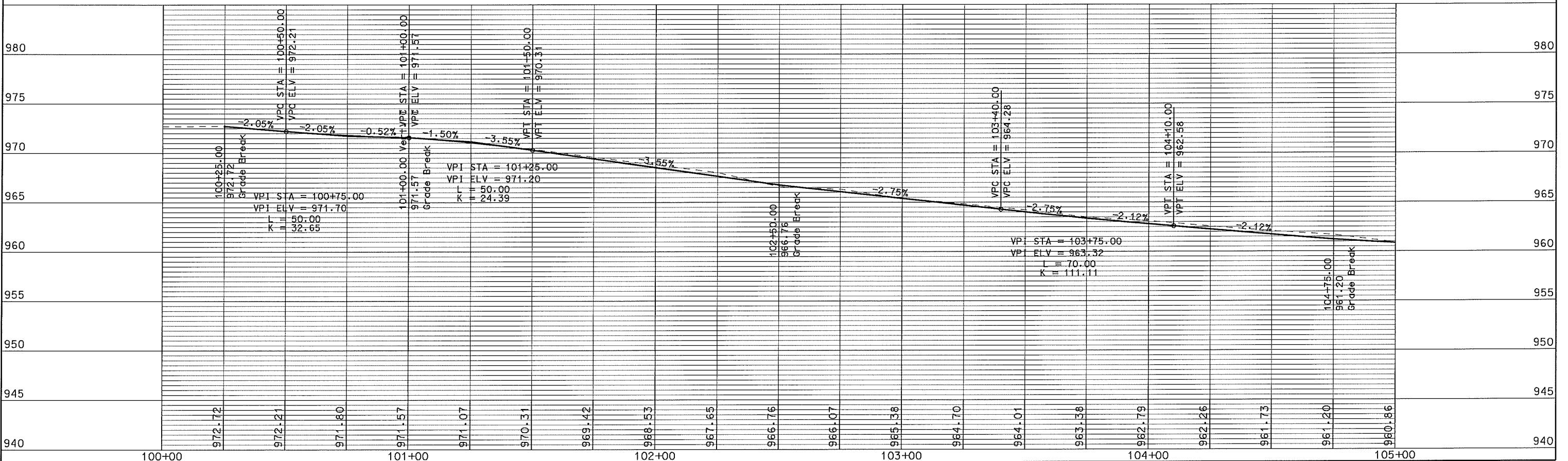
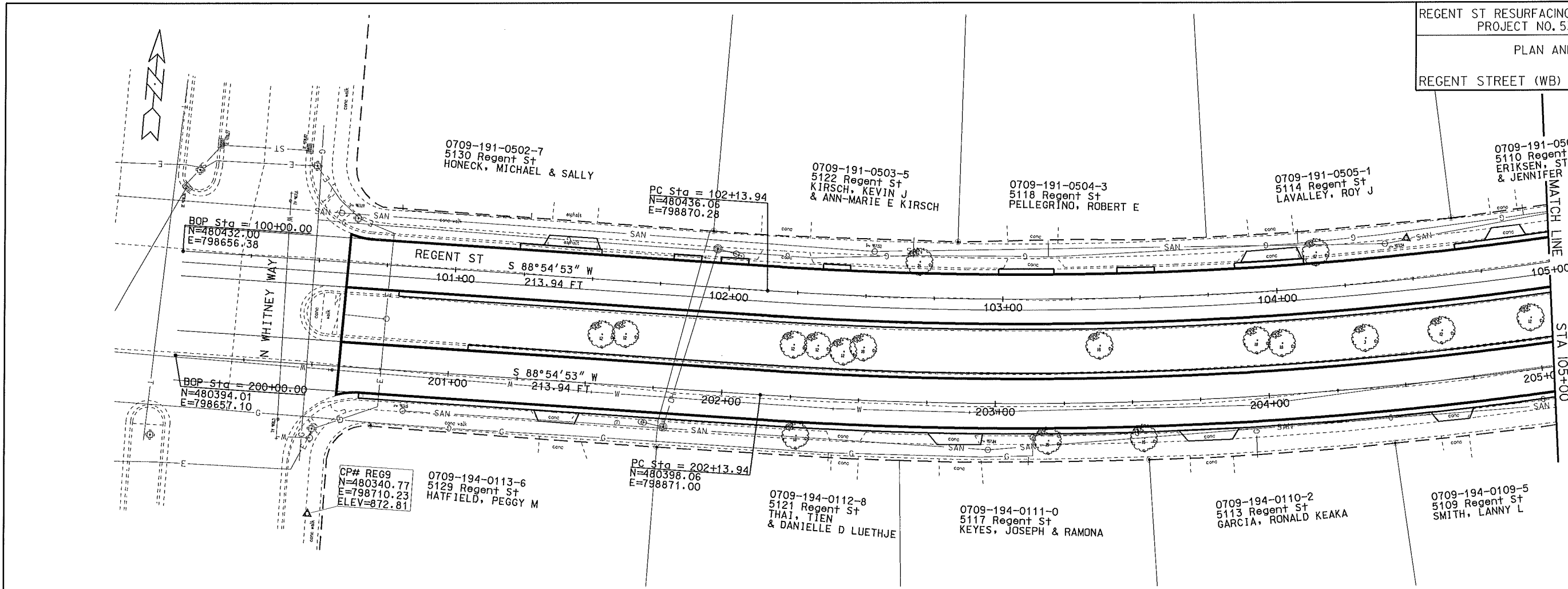


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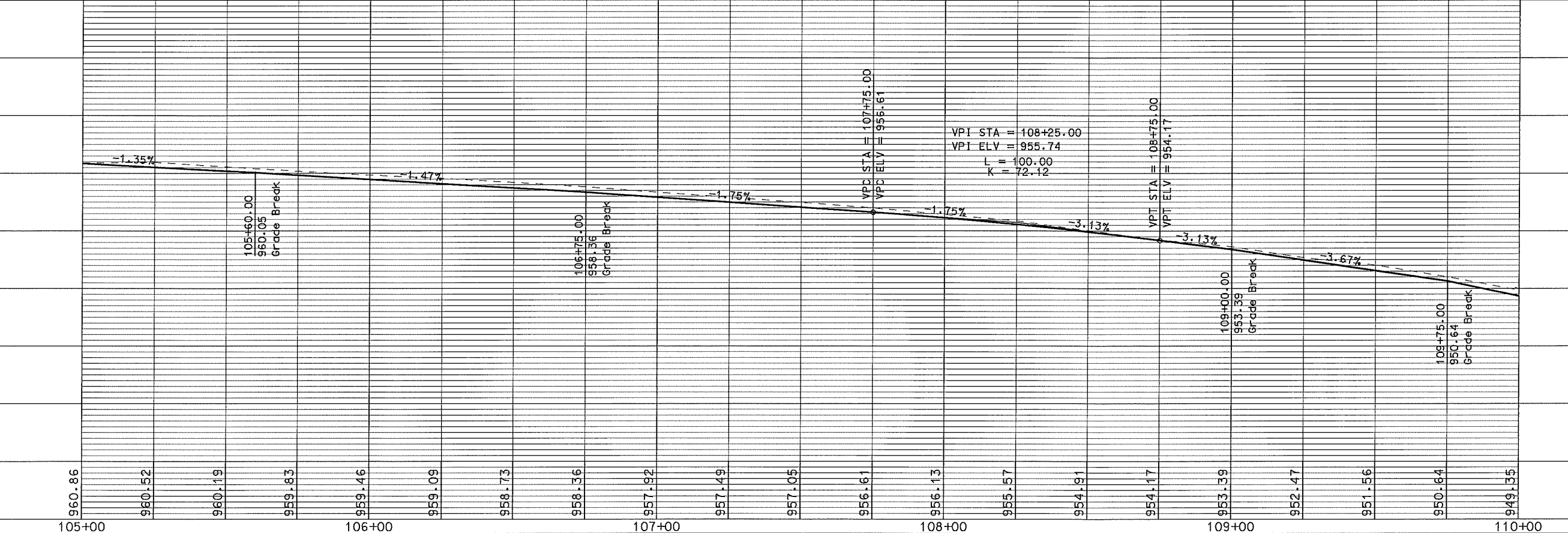
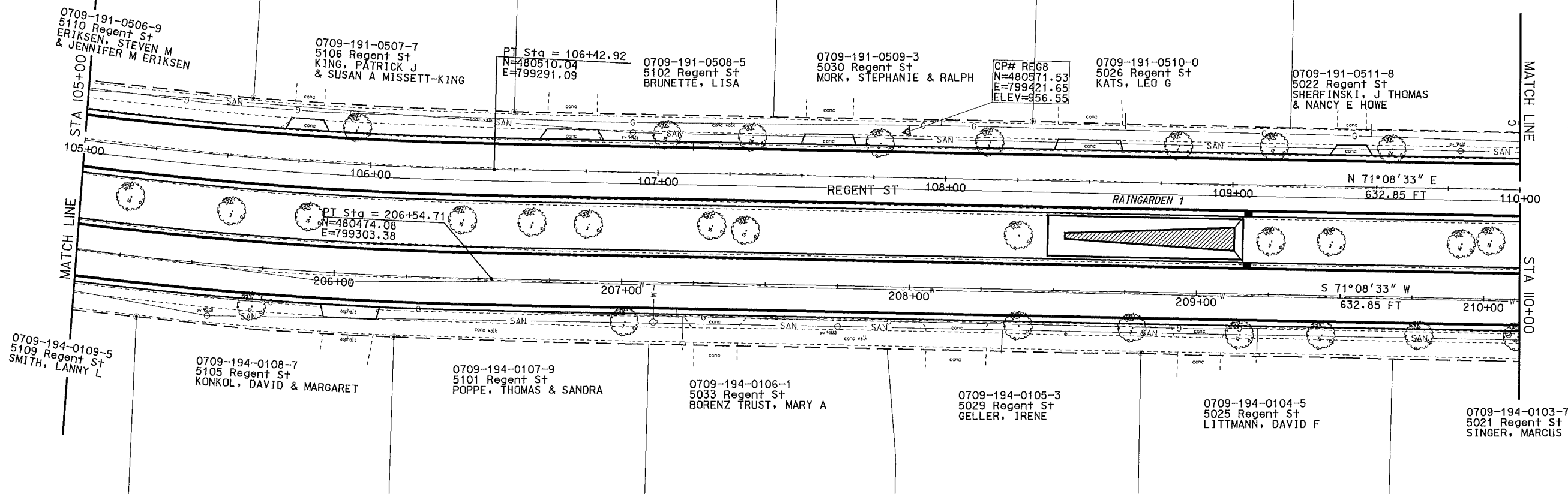
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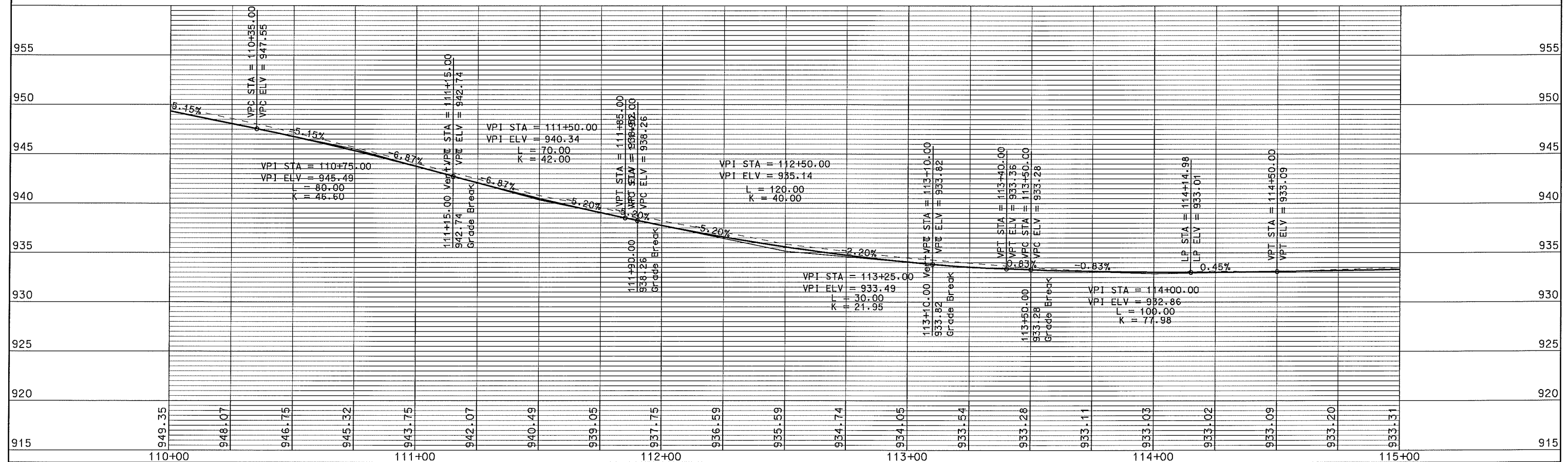
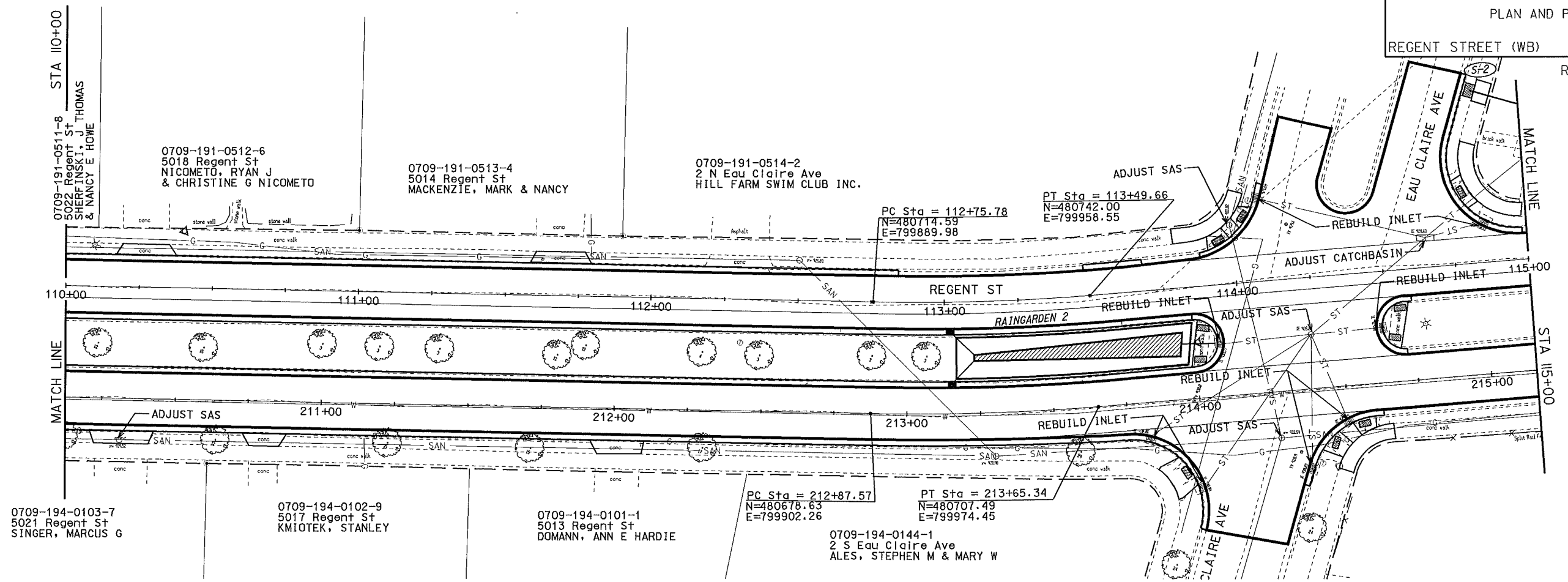
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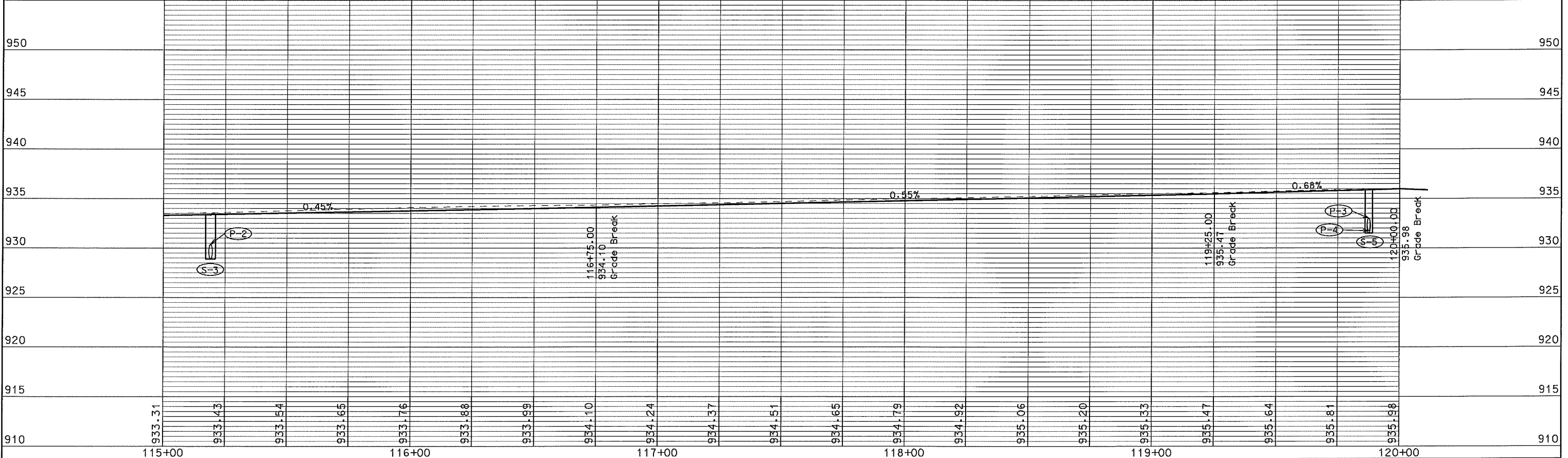
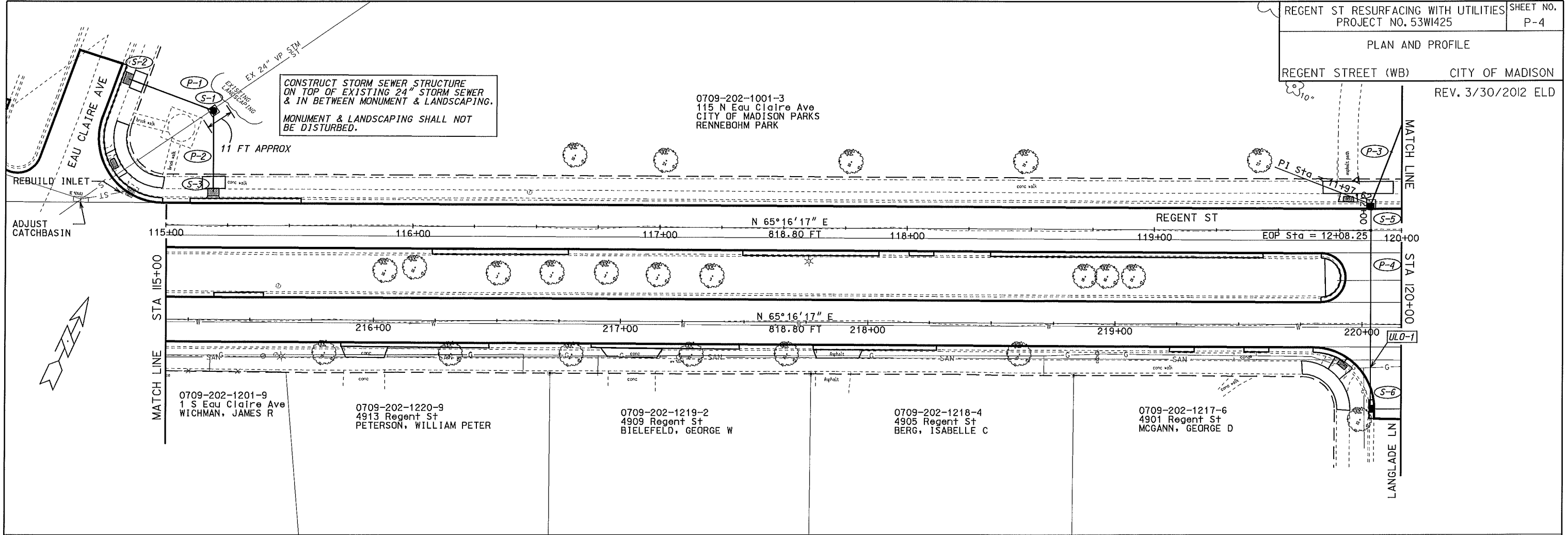


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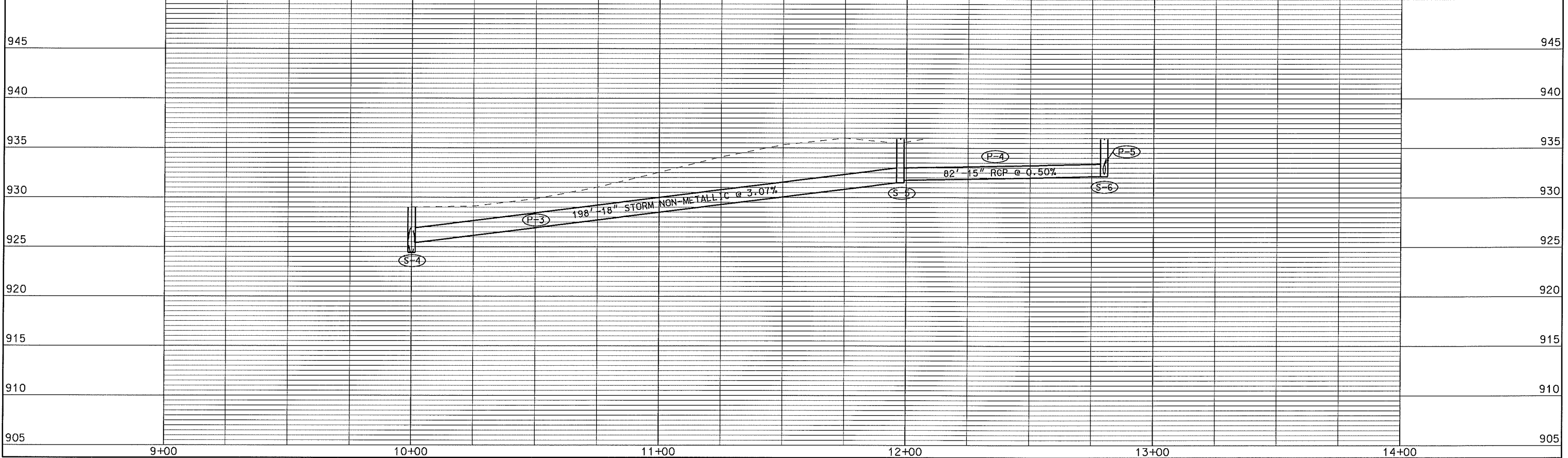
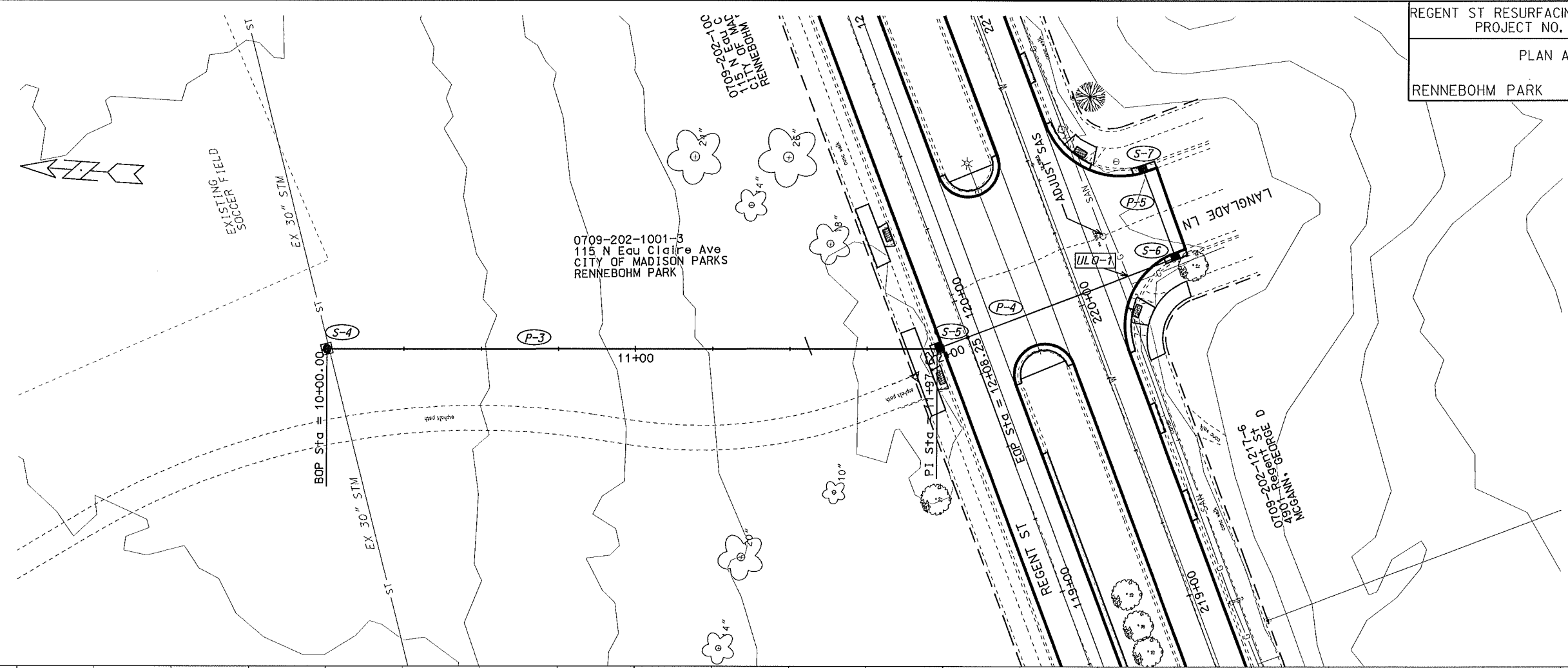


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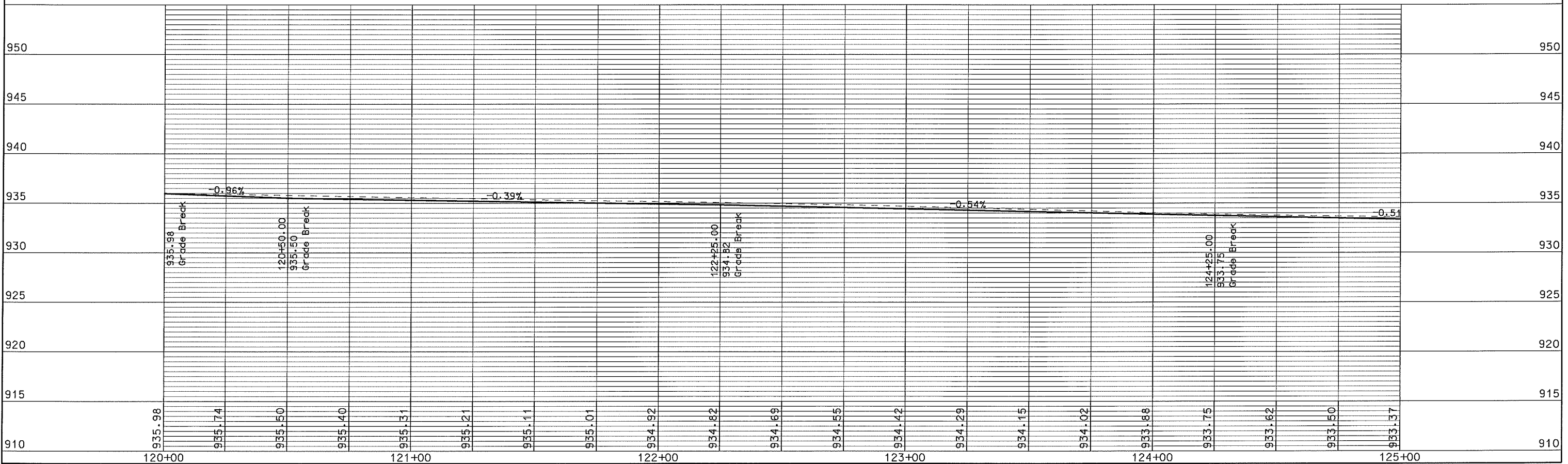
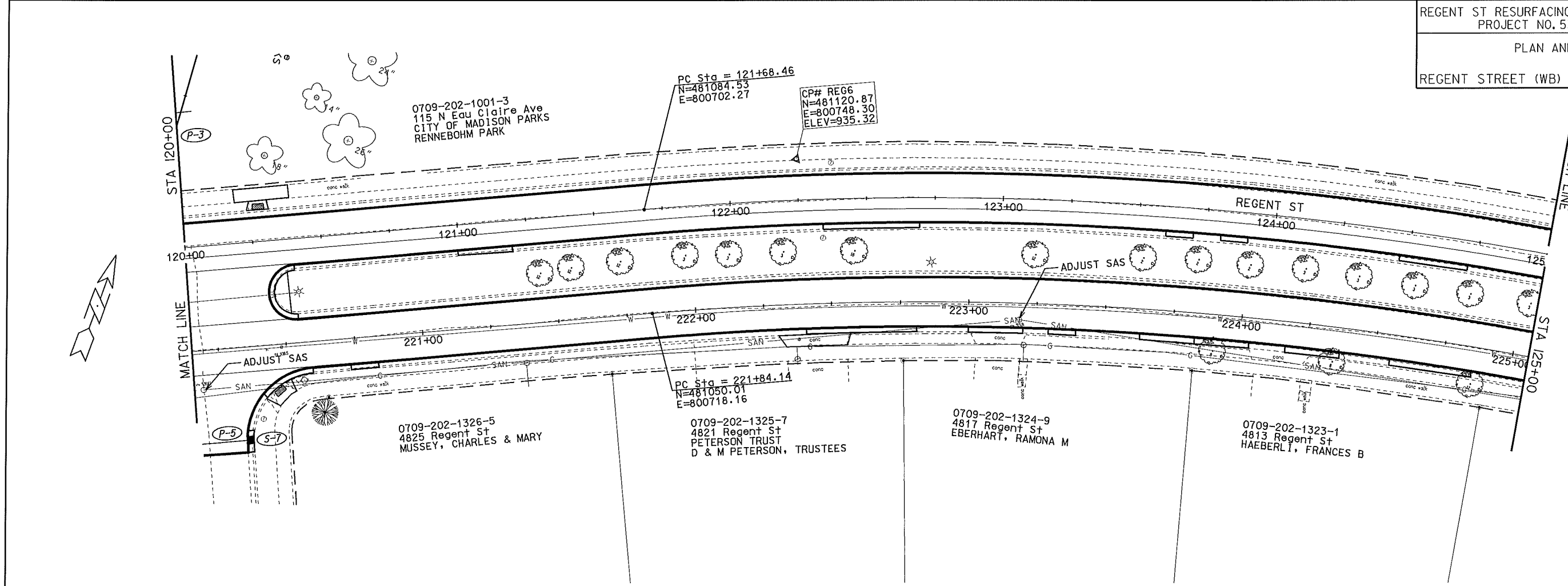
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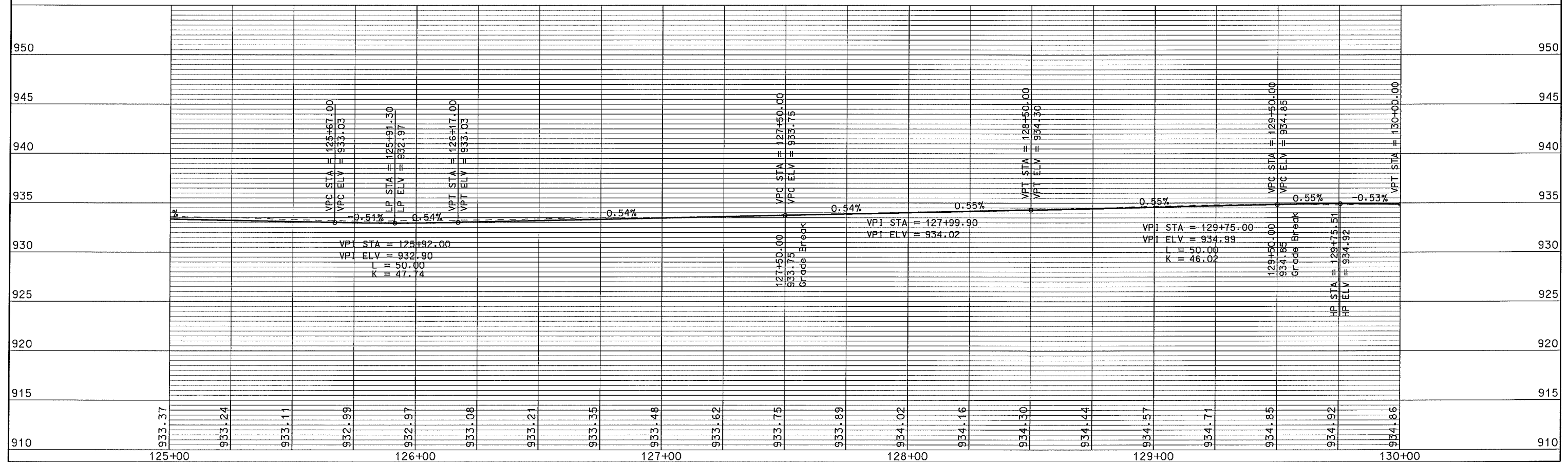
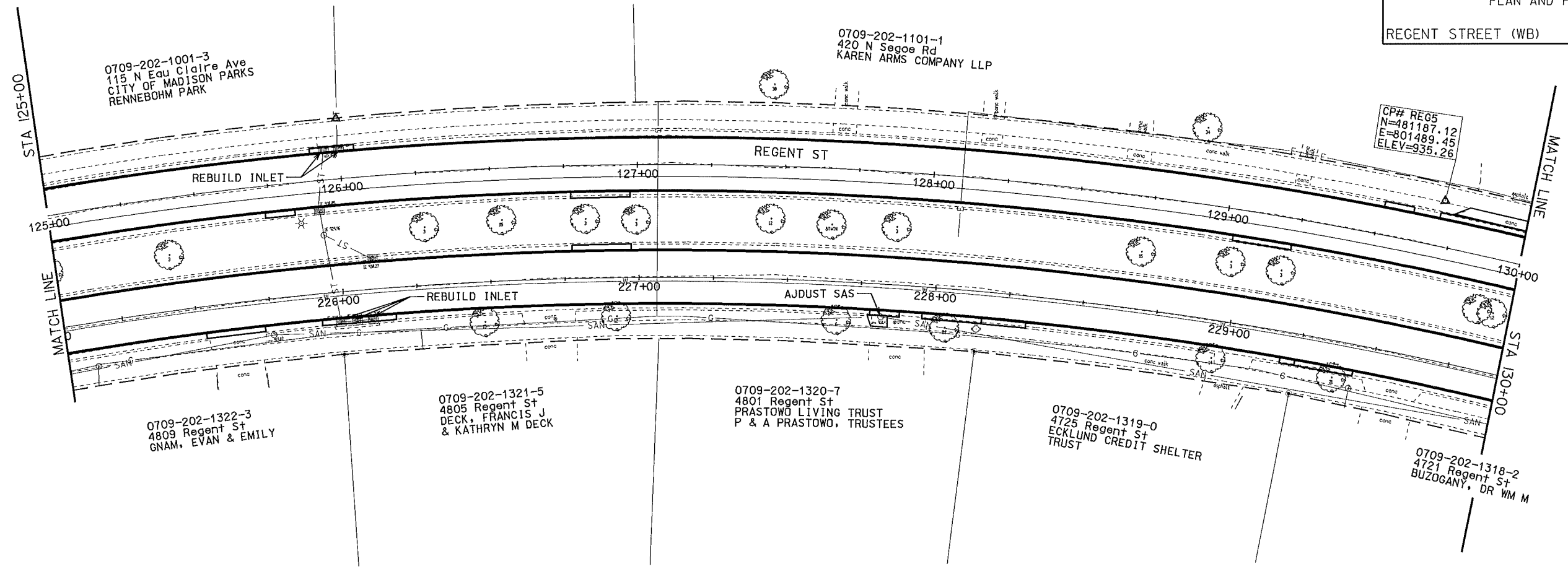
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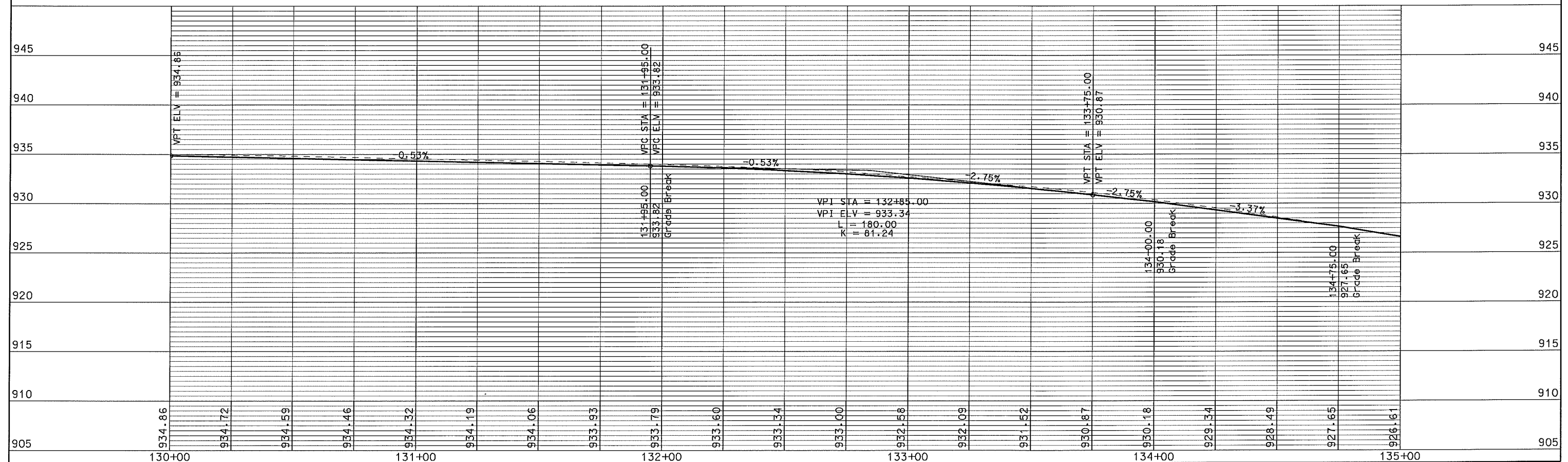
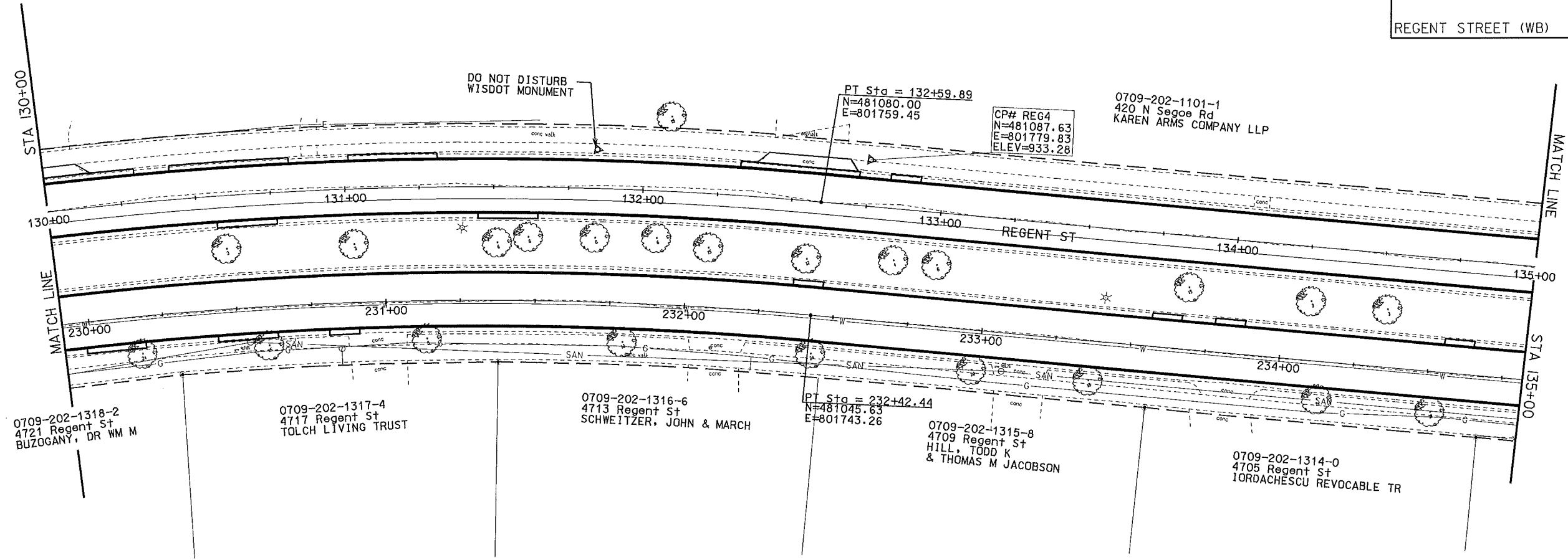
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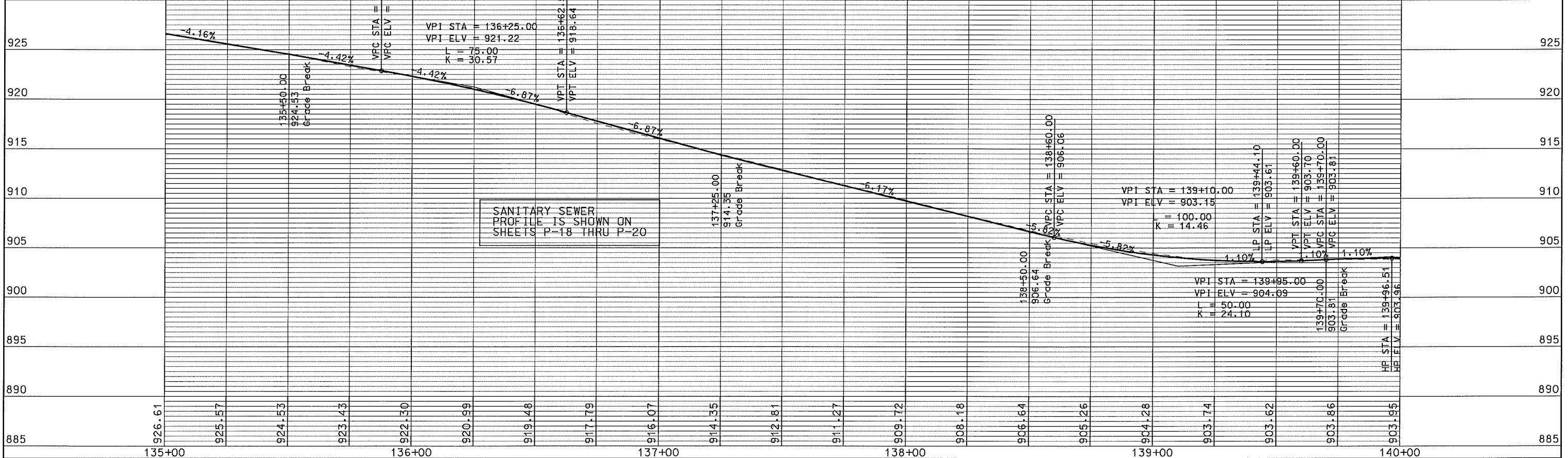
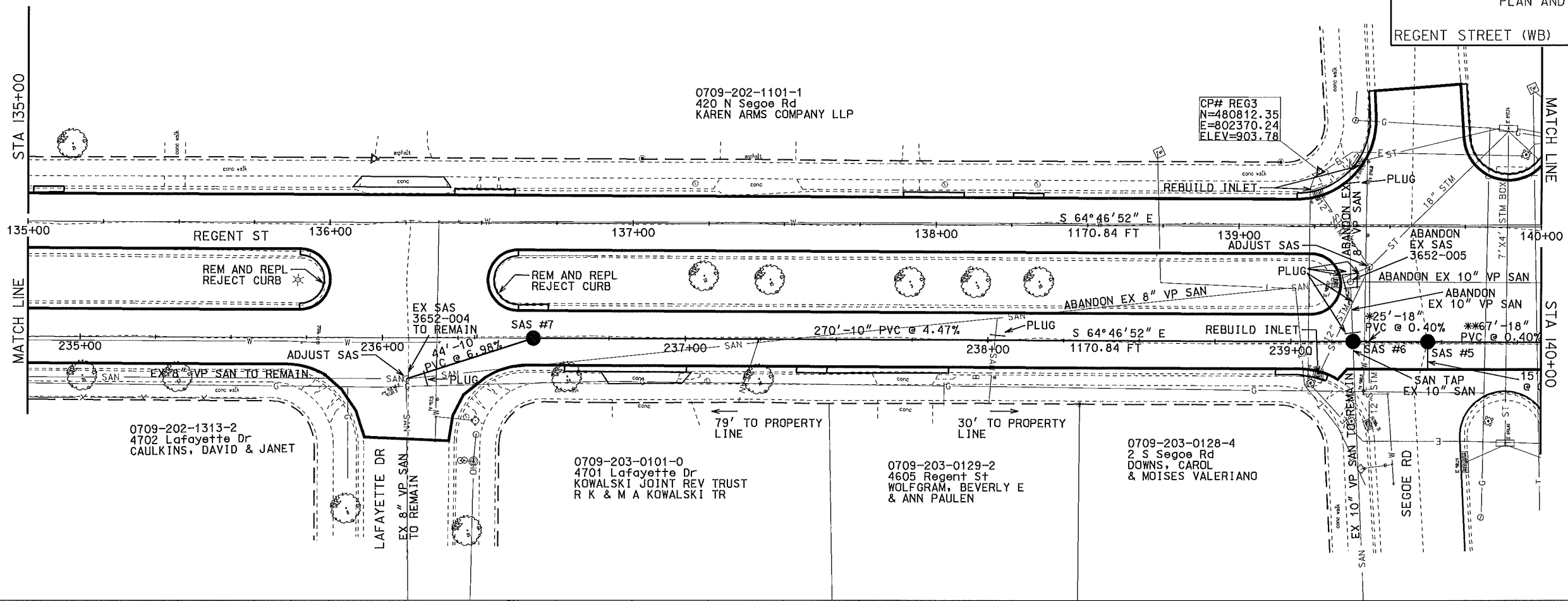


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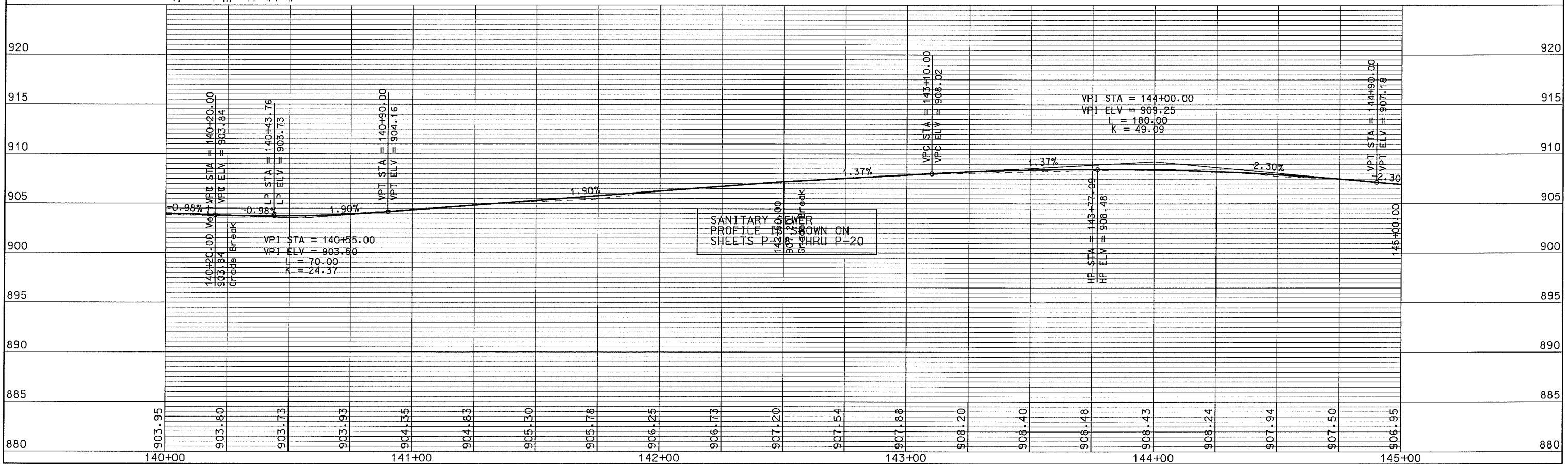
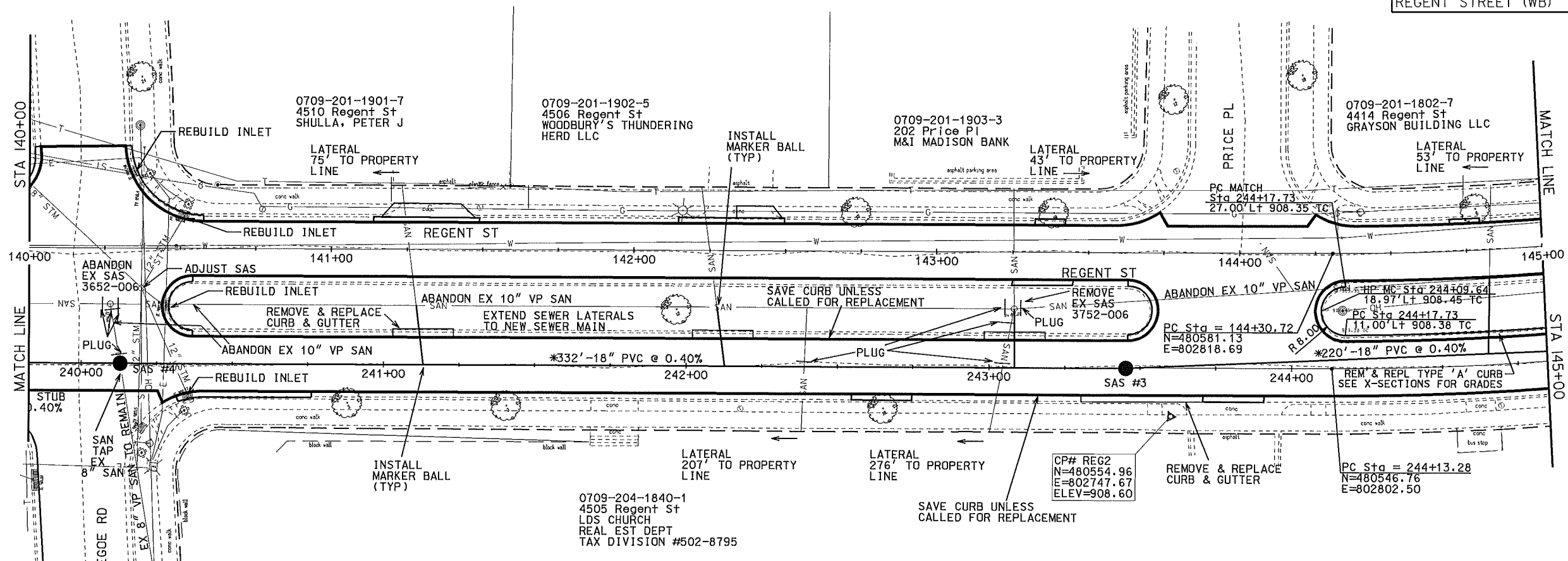


SANITARY SEWER PROFILE IS SHOWN ON SHEETS P-18 THRU P-20

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

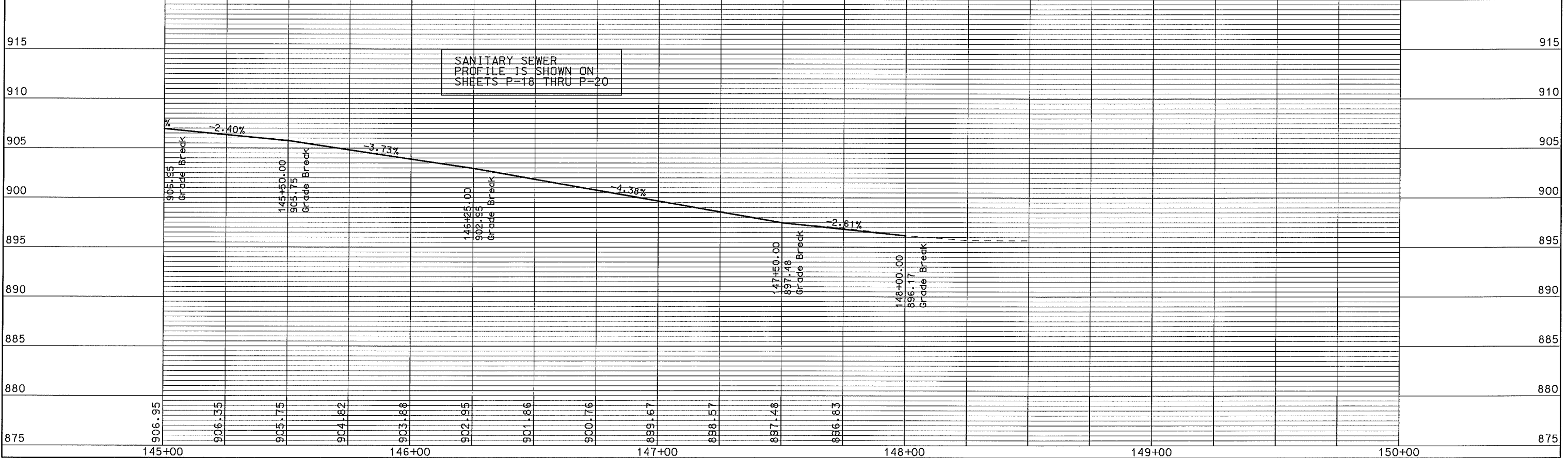
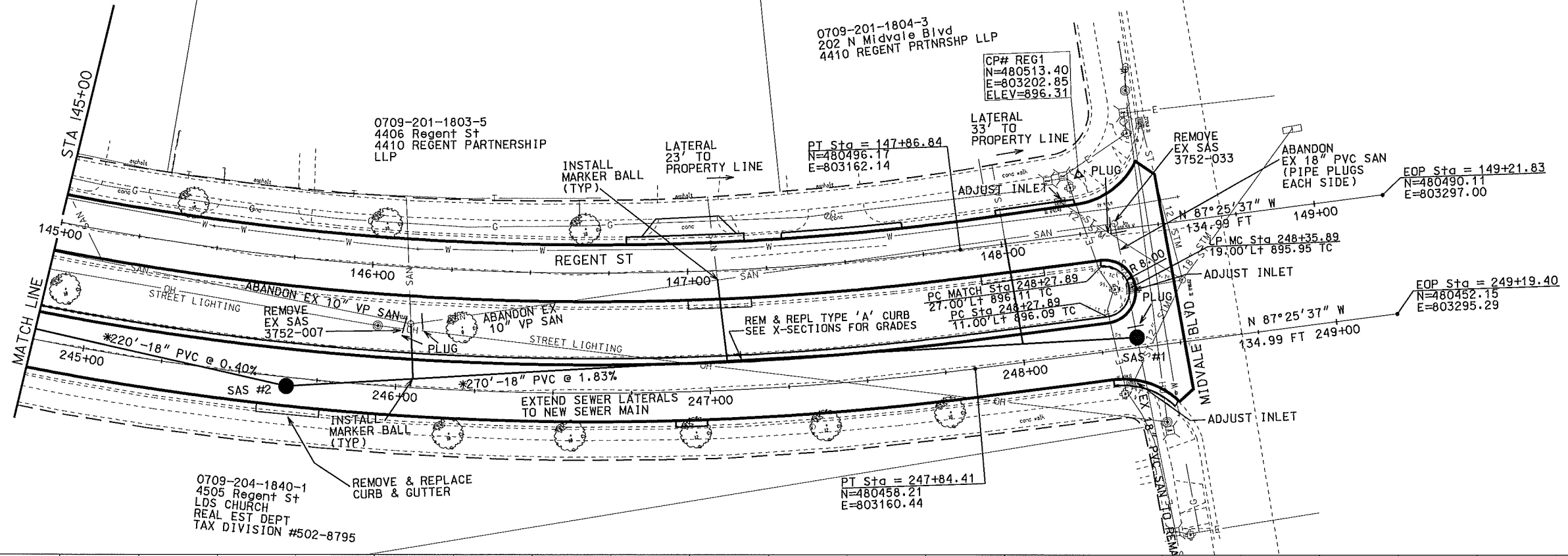
PLOT SCALE: REV. DATE:

REV. 3/30/2012 ELD



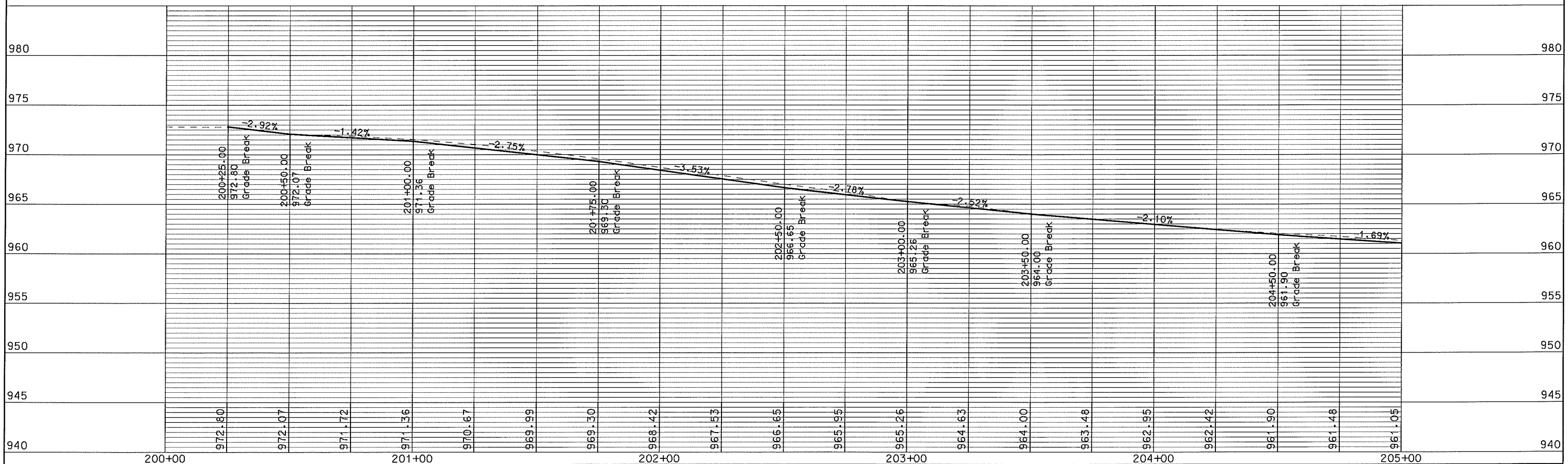
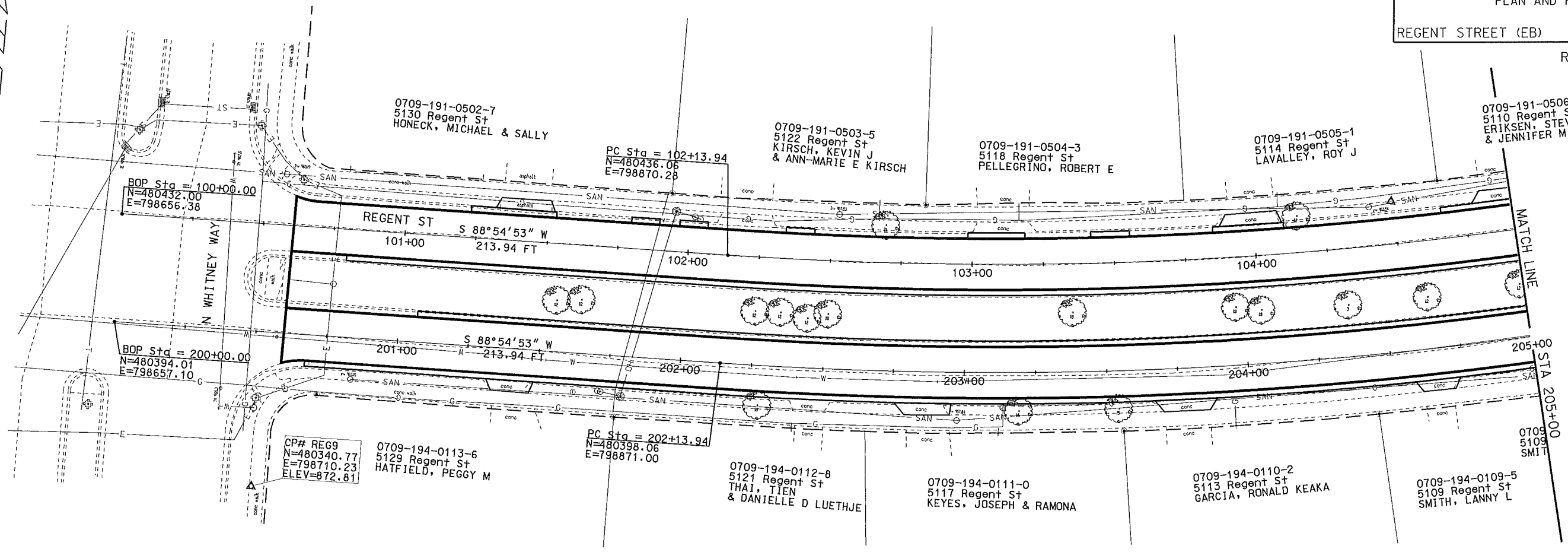
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. DATE: PLOT NAME: PLOT SCALE:

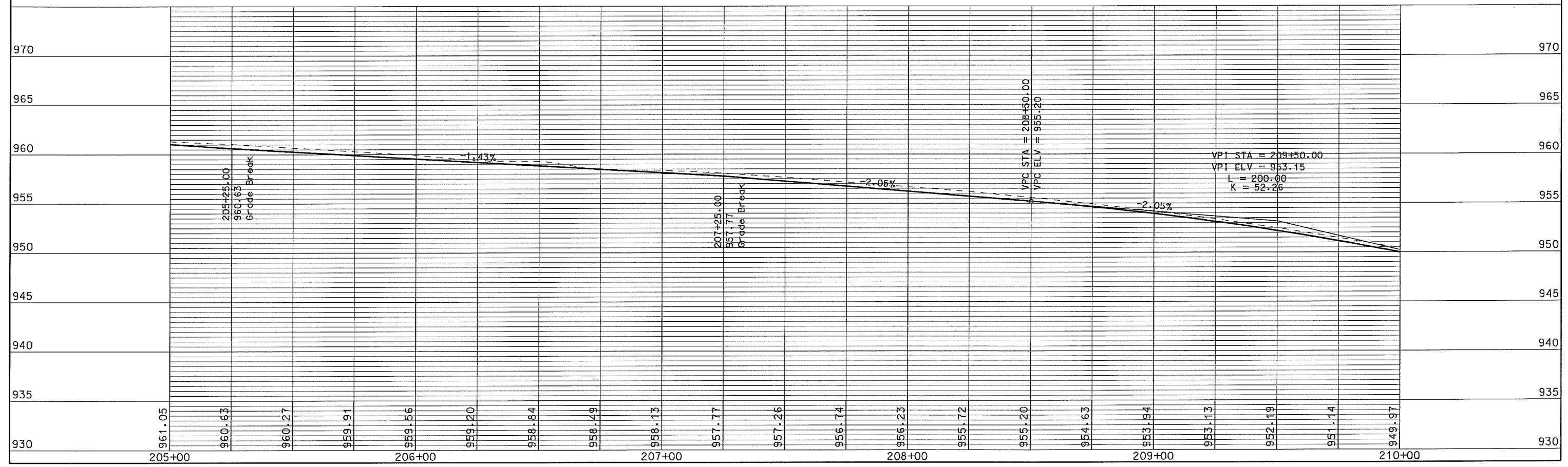
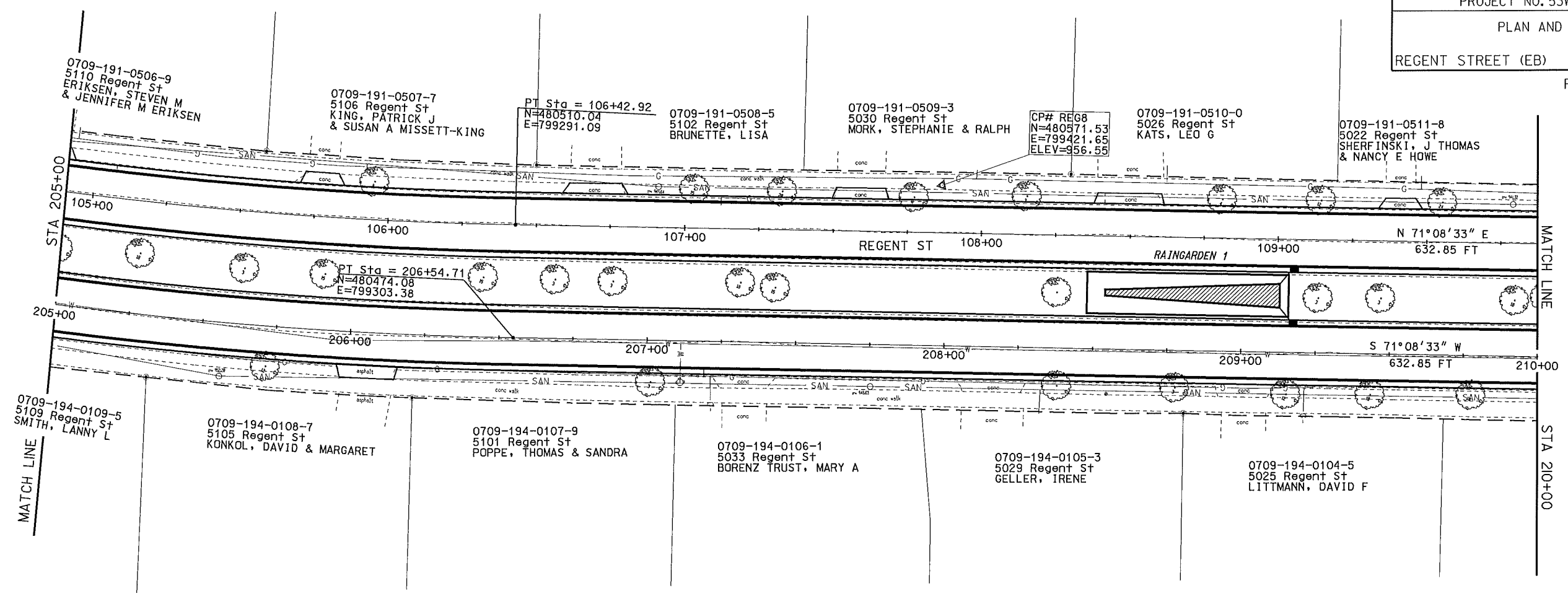


SANITARY SEWER
PROFILE IS SHOWN ON
SHEETS P-18 THRU P-20

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

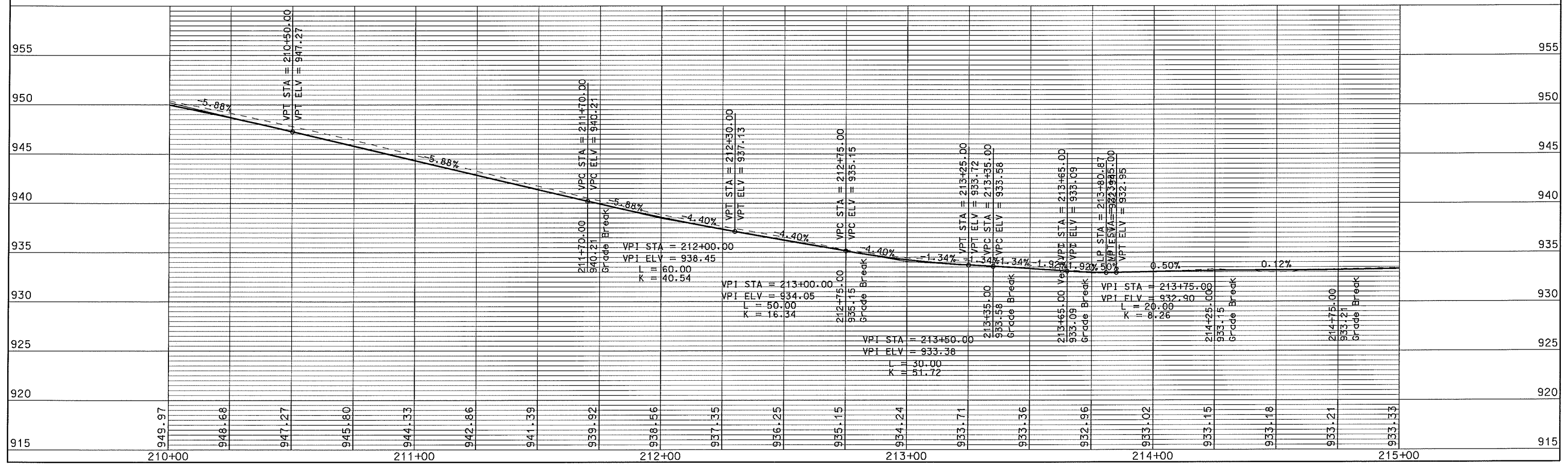
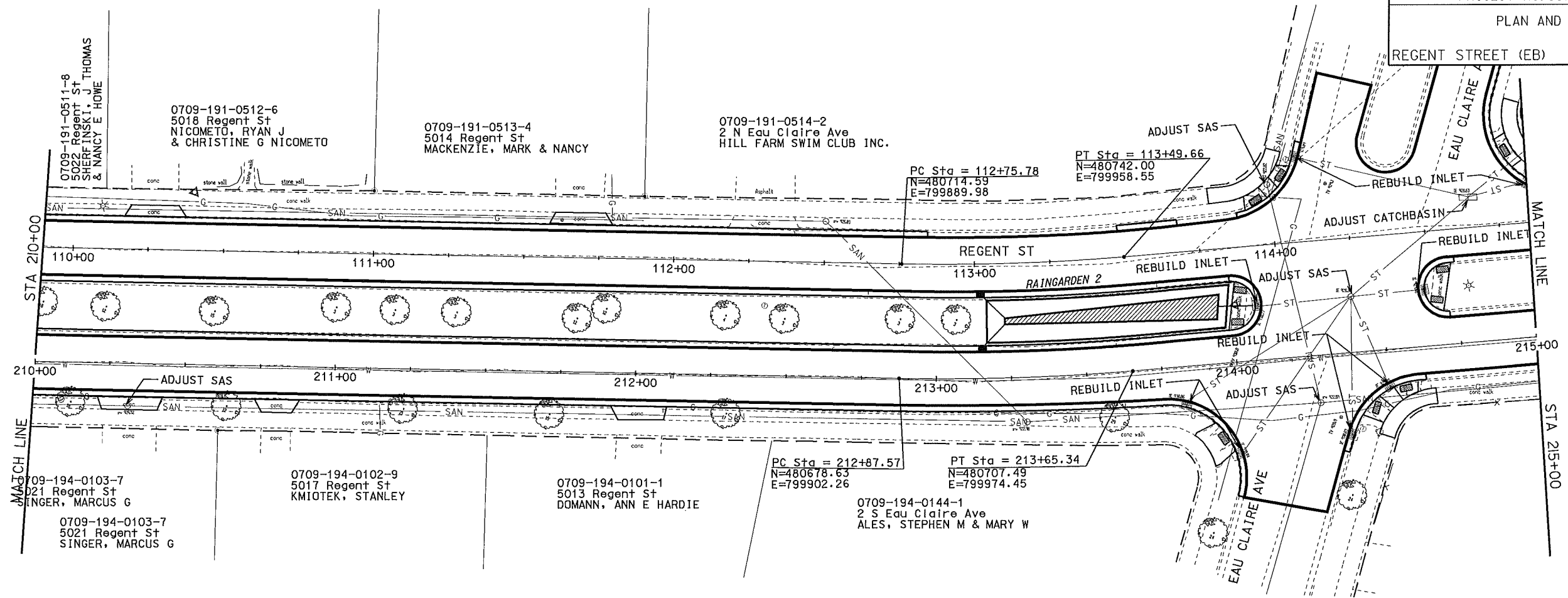


PLOT SCALE: _____
 PLOT NAME: _____
 REV. DATE: _____
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION



ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE:
PLOT NAME:
REV. DATE:

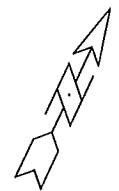


ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE

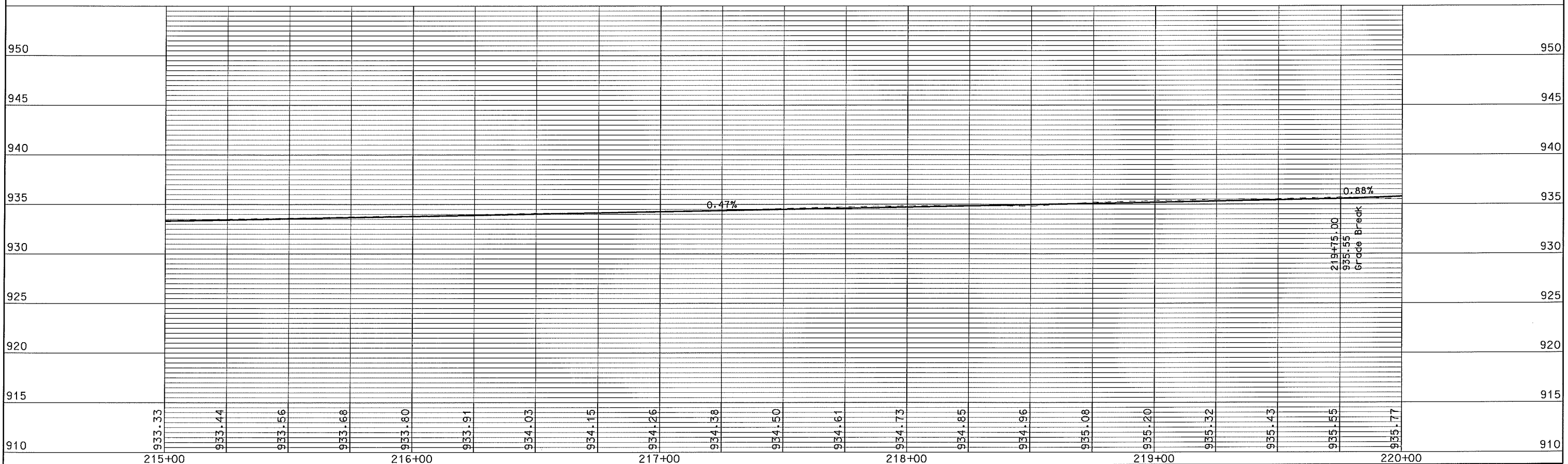
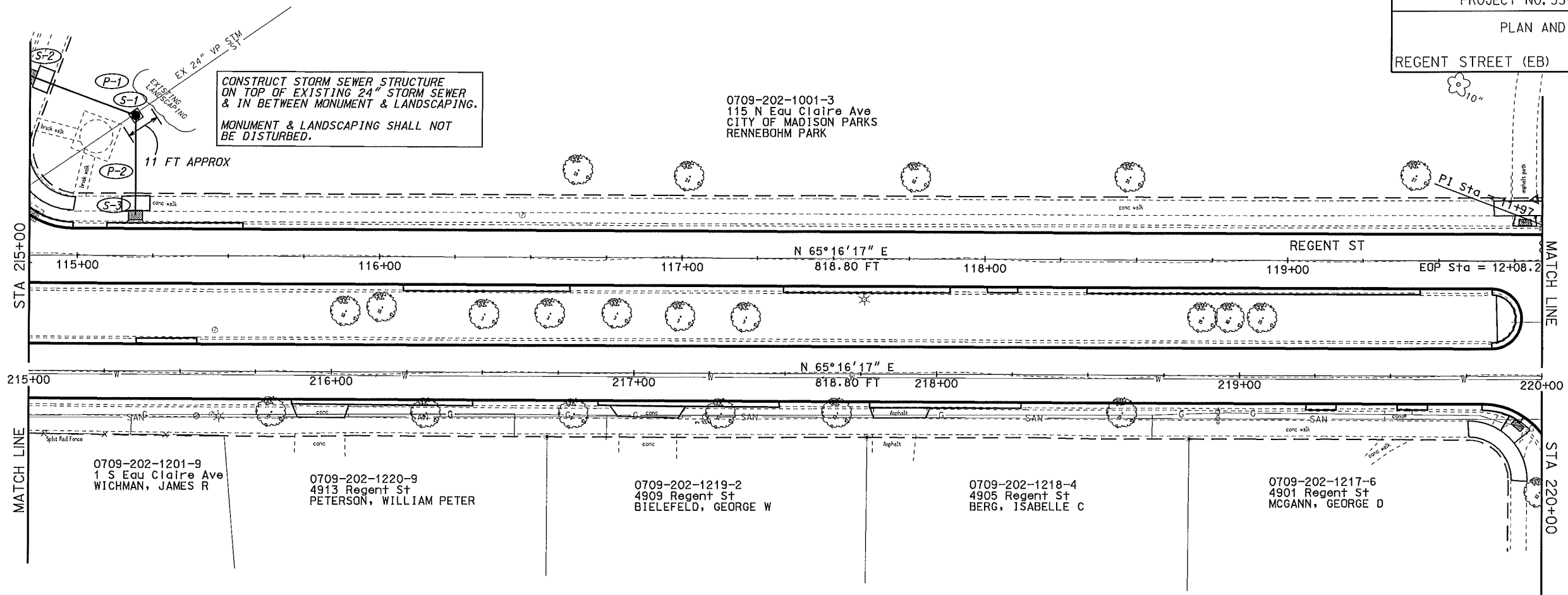
REGENT STREET (EB) CITY OF MADISON

REV. 3/30/2012 ELD



CONSTRUCT STORM SEWER STRUCTURE ON TOP OF EXISTING 24" STORM SEWER & IN BETWEEN MONUMENT & LANDSCAPING. MONUMENT & LANDSCAPING SHALL NOT BE DISTURBED.

0709-202-1001-3
115 N Eau Claire Ave
CITY OF MADISON PARKS
RENNEBOHM PARK

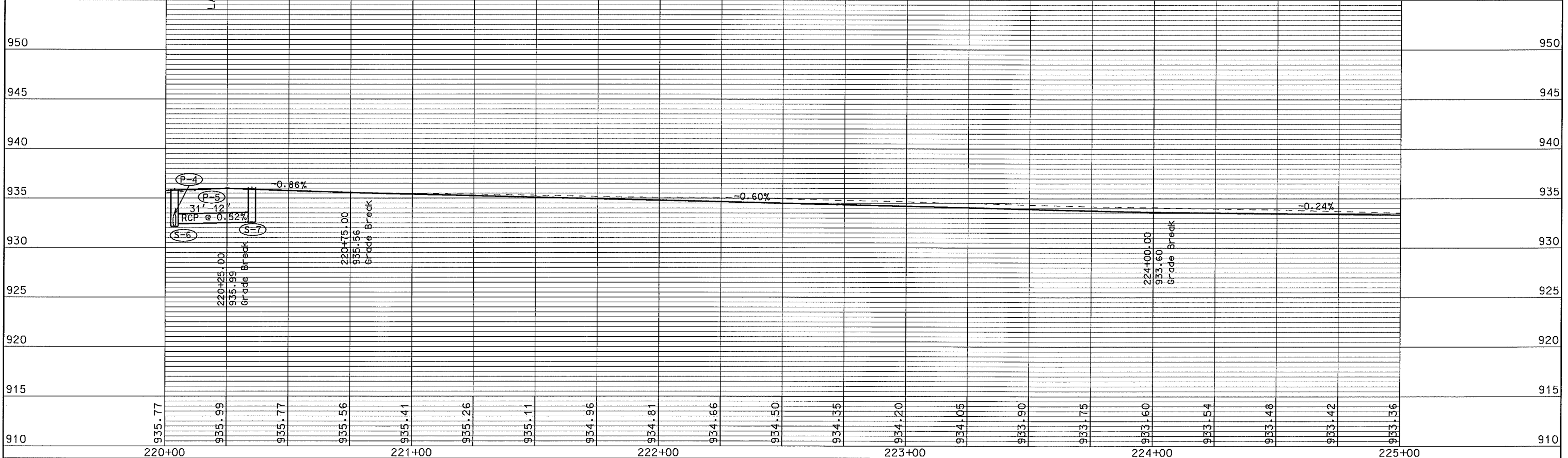
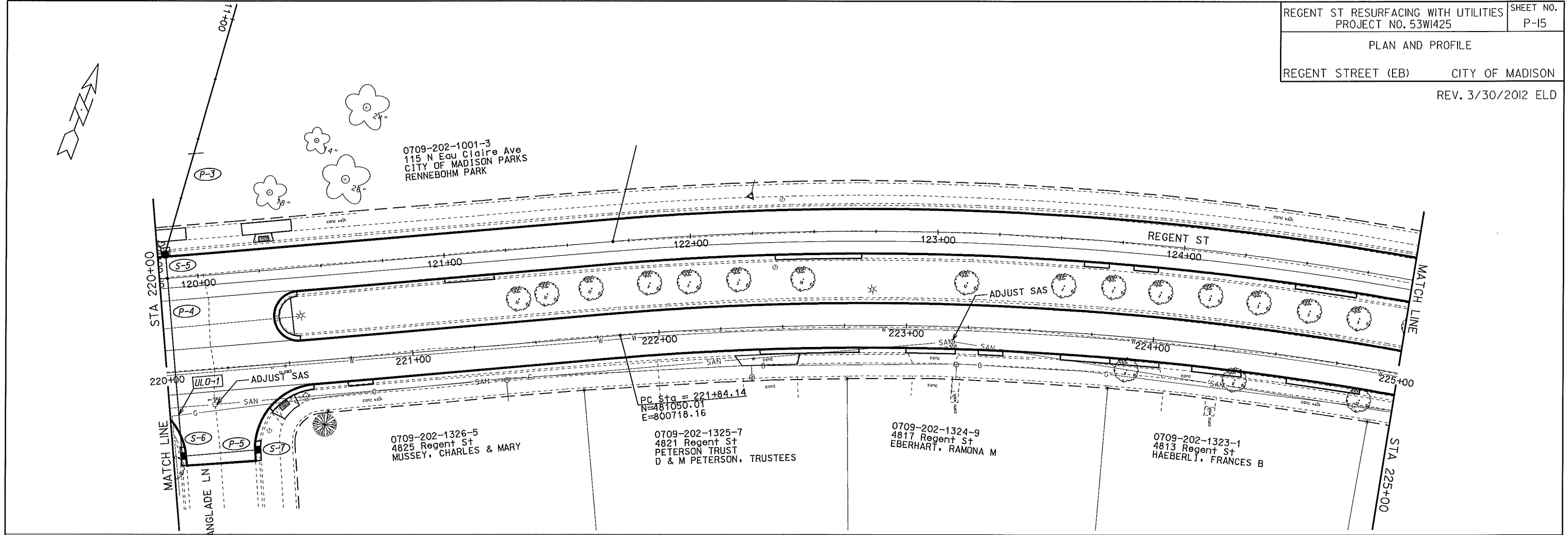


ORIGINATOR: CITY OF MADISON, SIBEE IS DIVISION

PLOT SCALE:

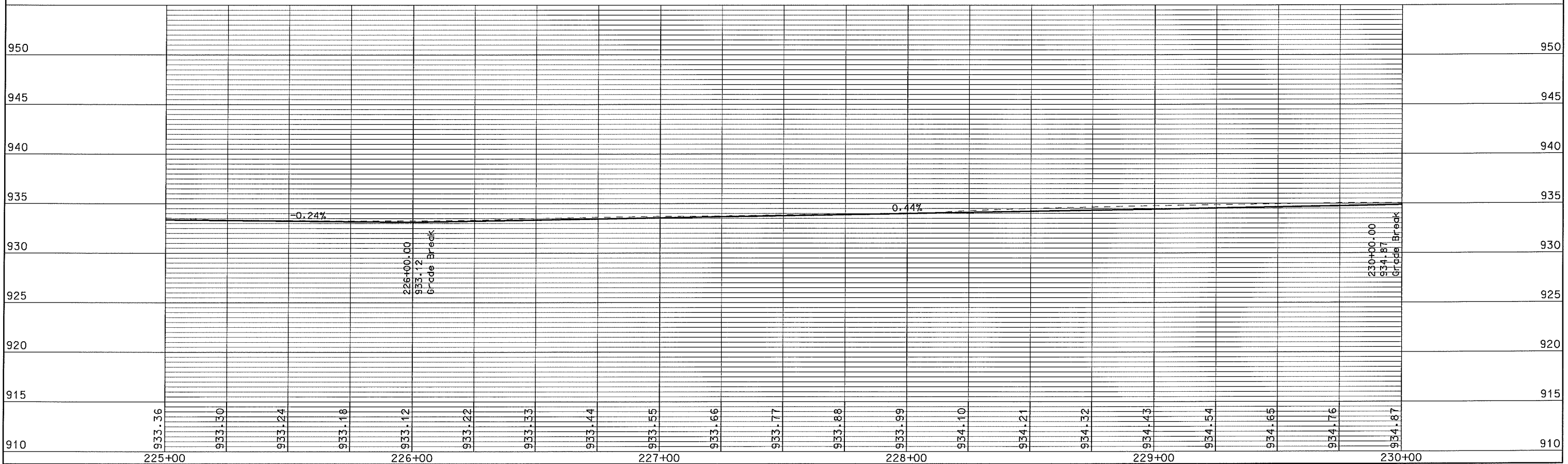
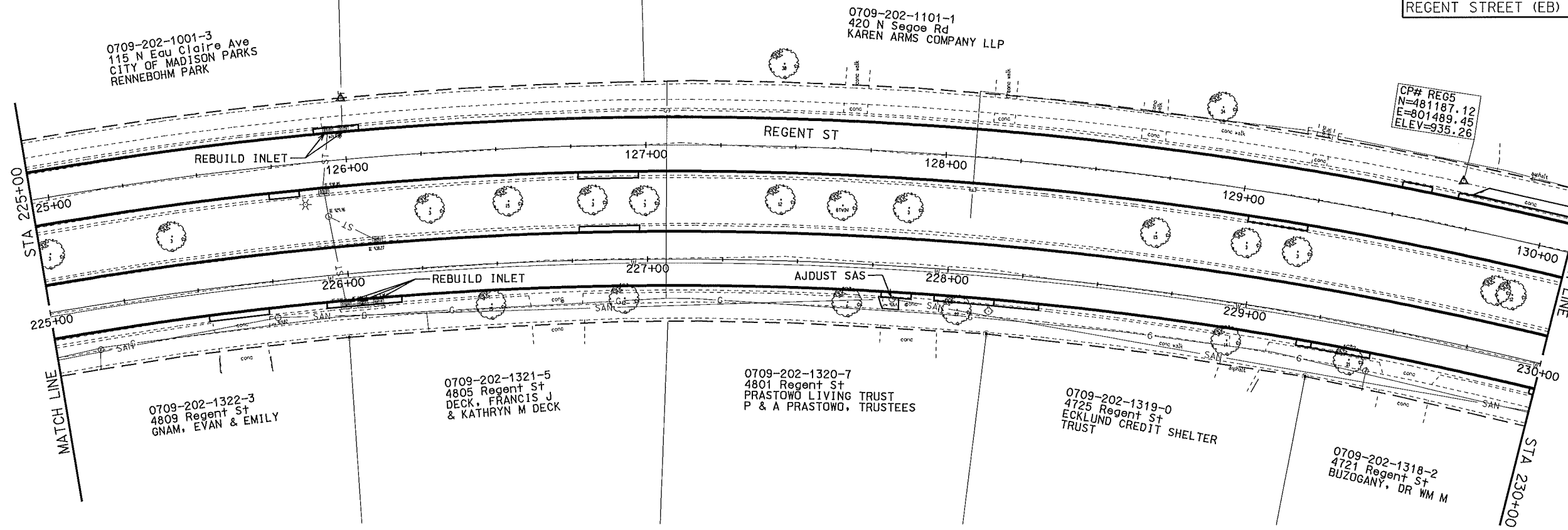
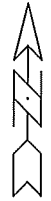
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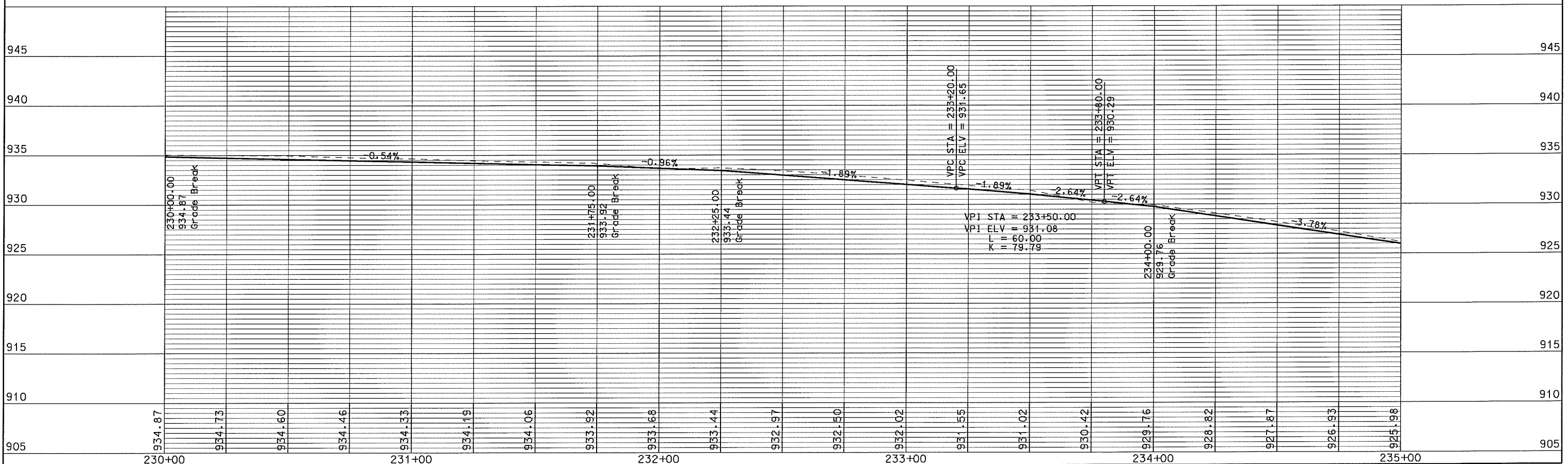
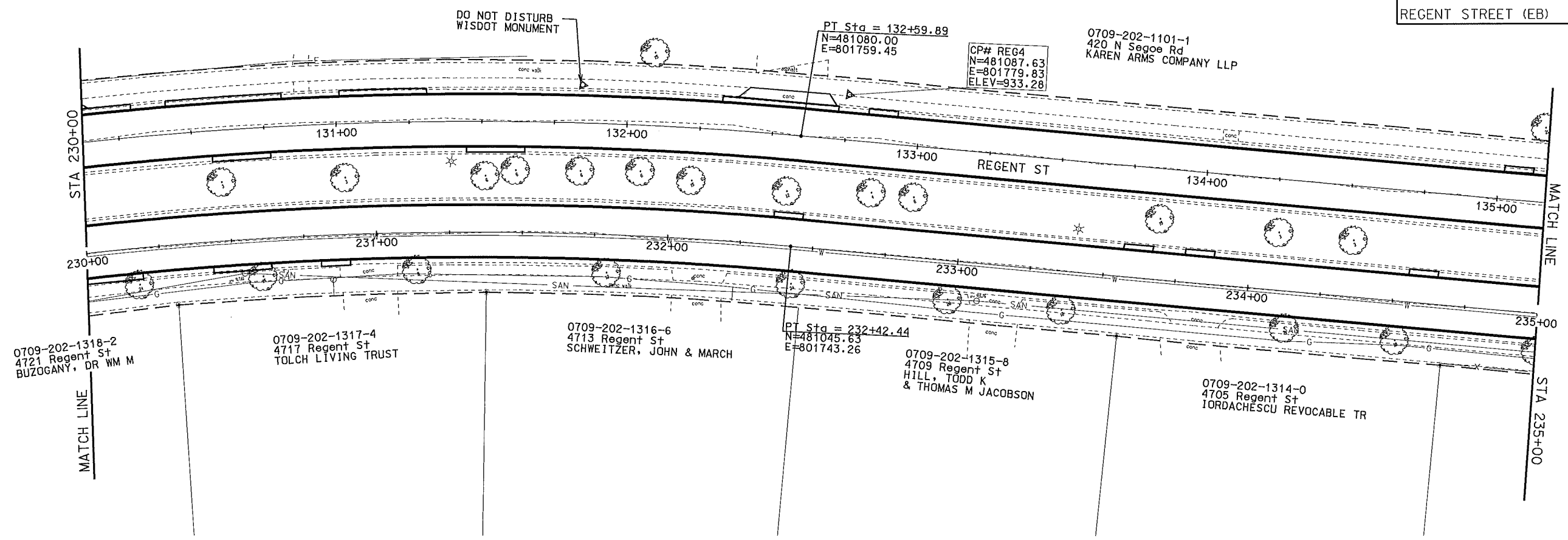
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REV. DATE: PLOT NAME: PLOT SCALE:



ORIGINATOR: CITY OF MADISON, STREET DIVISION

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



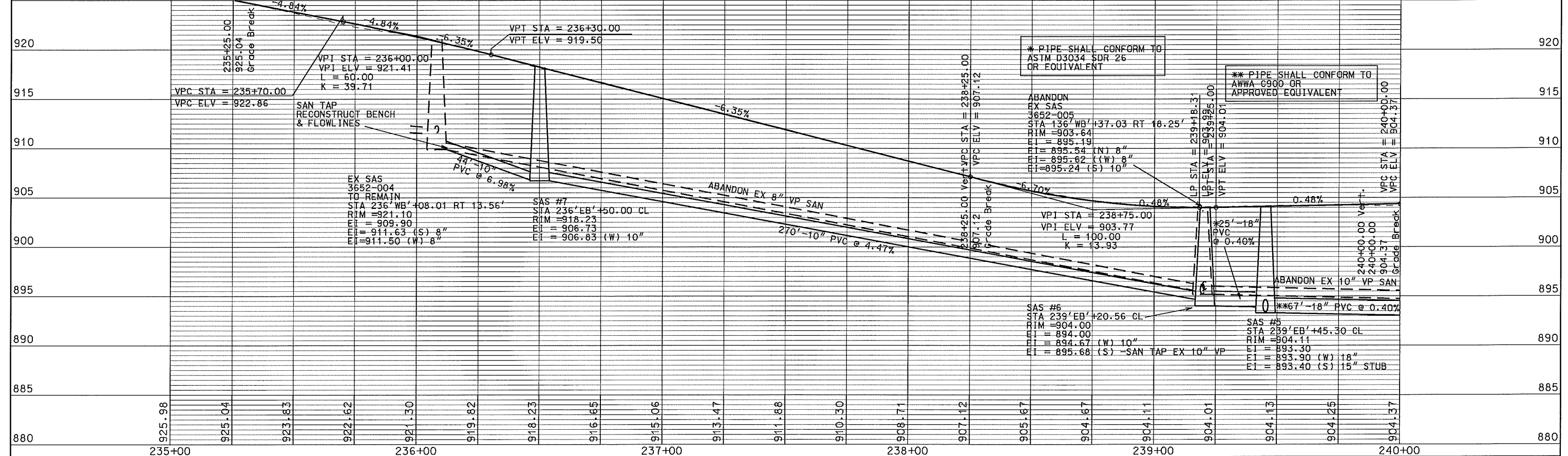
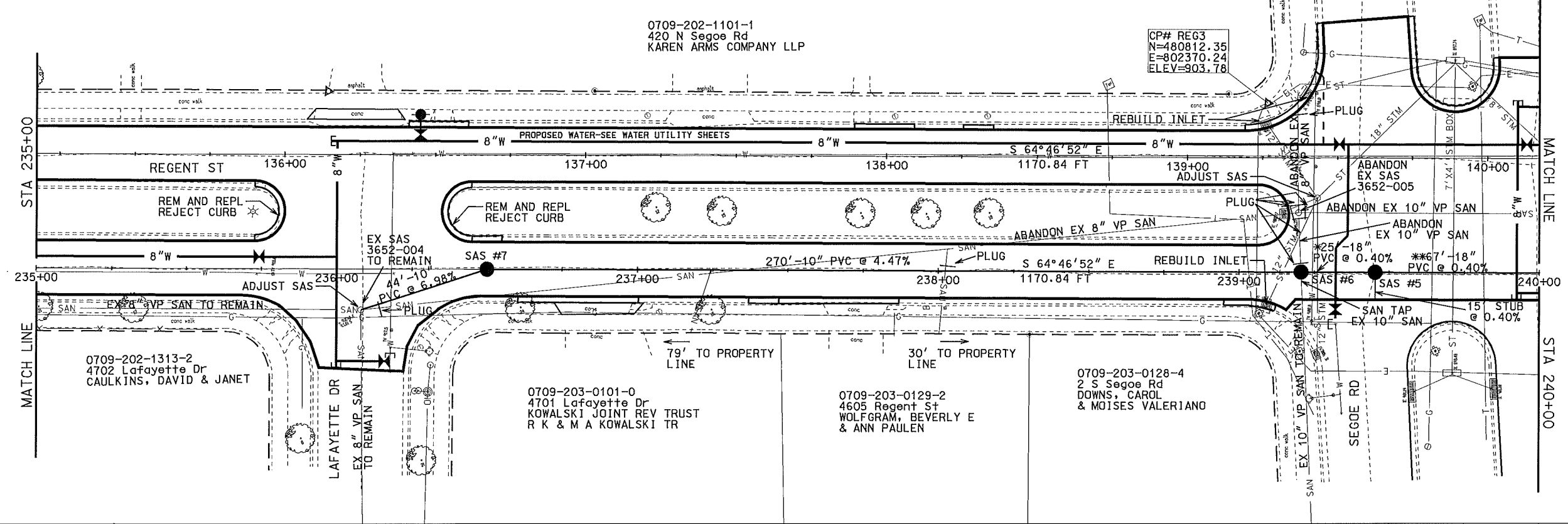
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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

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

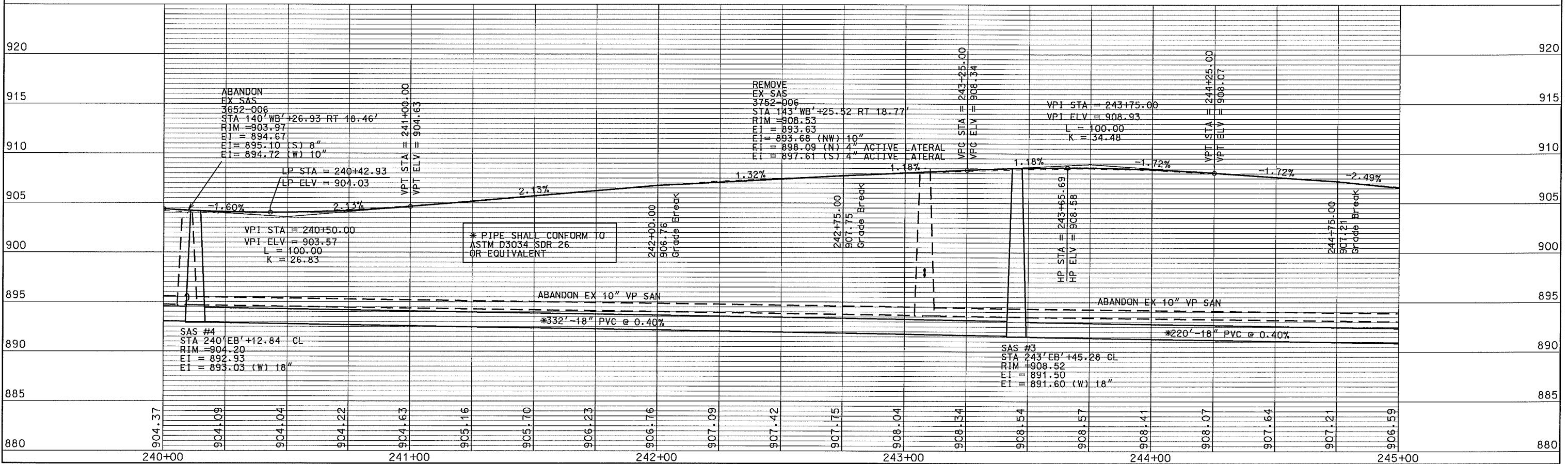
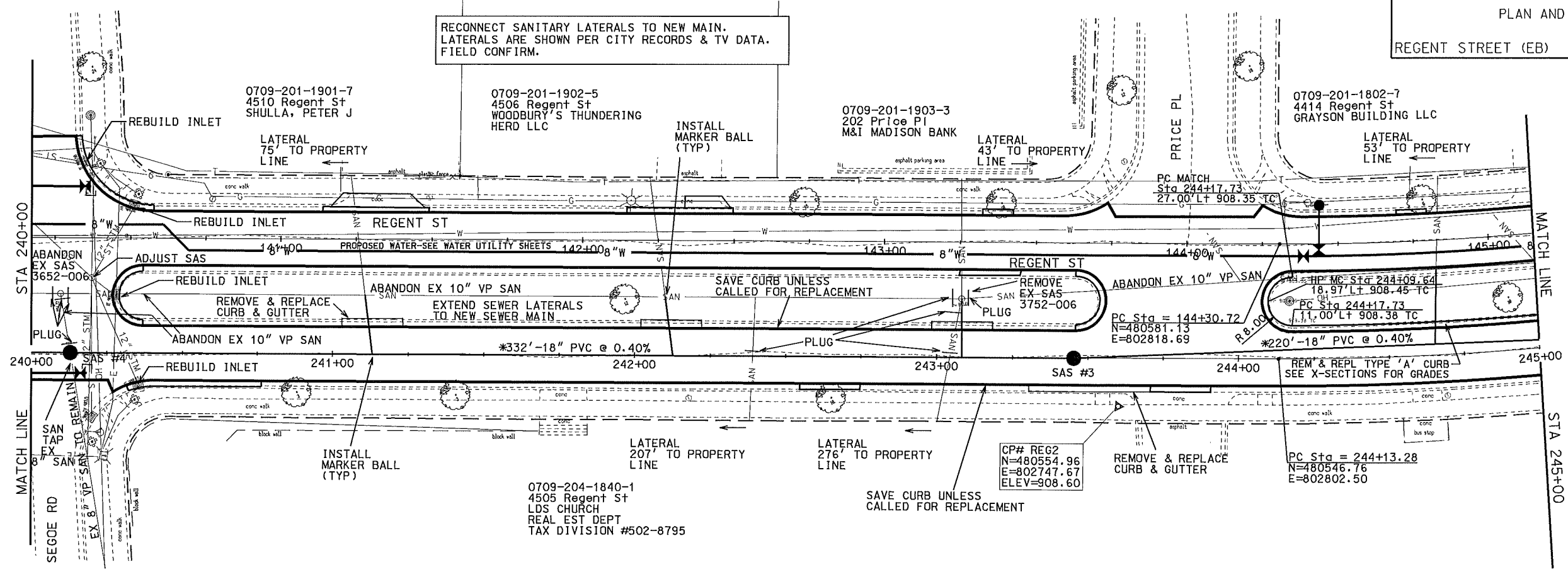
0709-202-1101-1
 420 N Segoe Rd
 KAREN ARMS COMPANY LLP

CP# REG3
 N=480812.35
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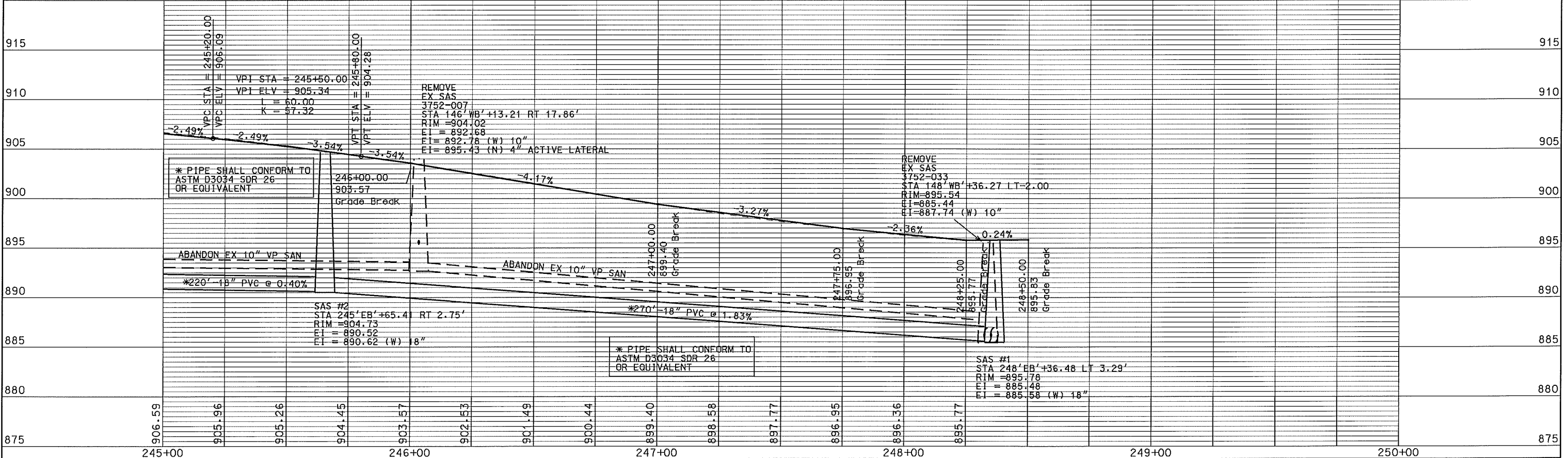
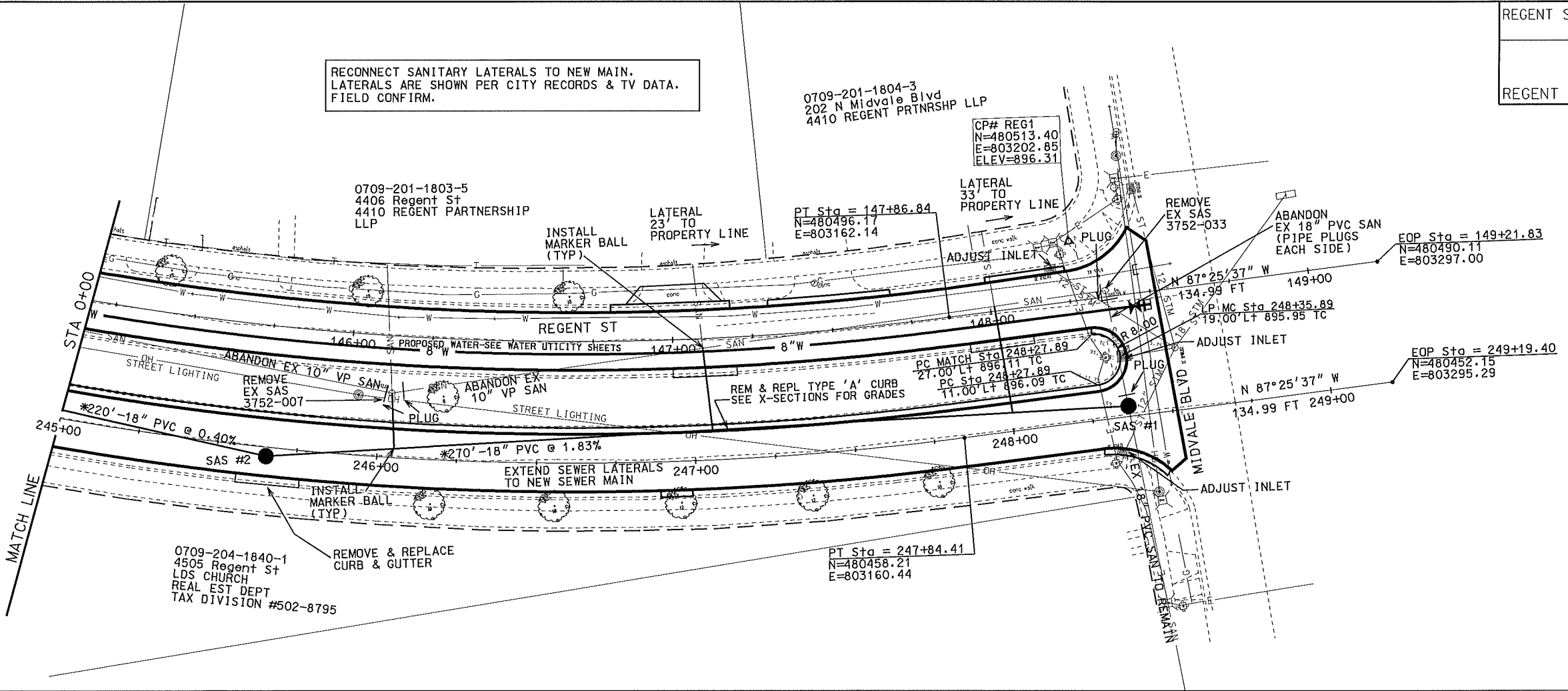
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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



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

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



ORIGINATOR: CITY OF MADISON, STREETS DIVISION

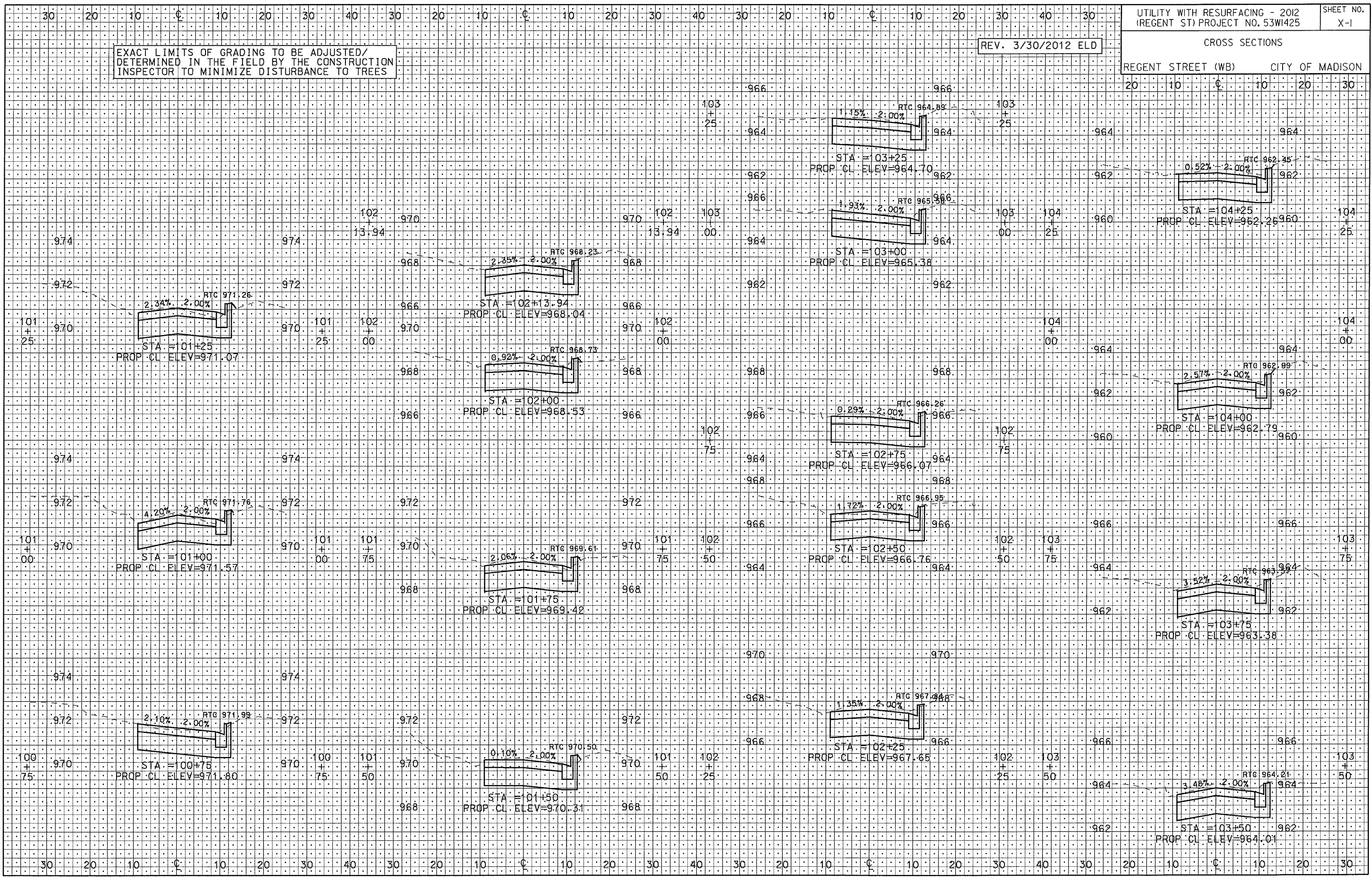
PLOT SCALE: REV. DATE: PLOT NAME:

REV. 3/30/2012 ELD

CROSS SECTIONS

REGENT STREET (WB) 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

REV. 3/30/2012 ELD

CROSS SECTIONS

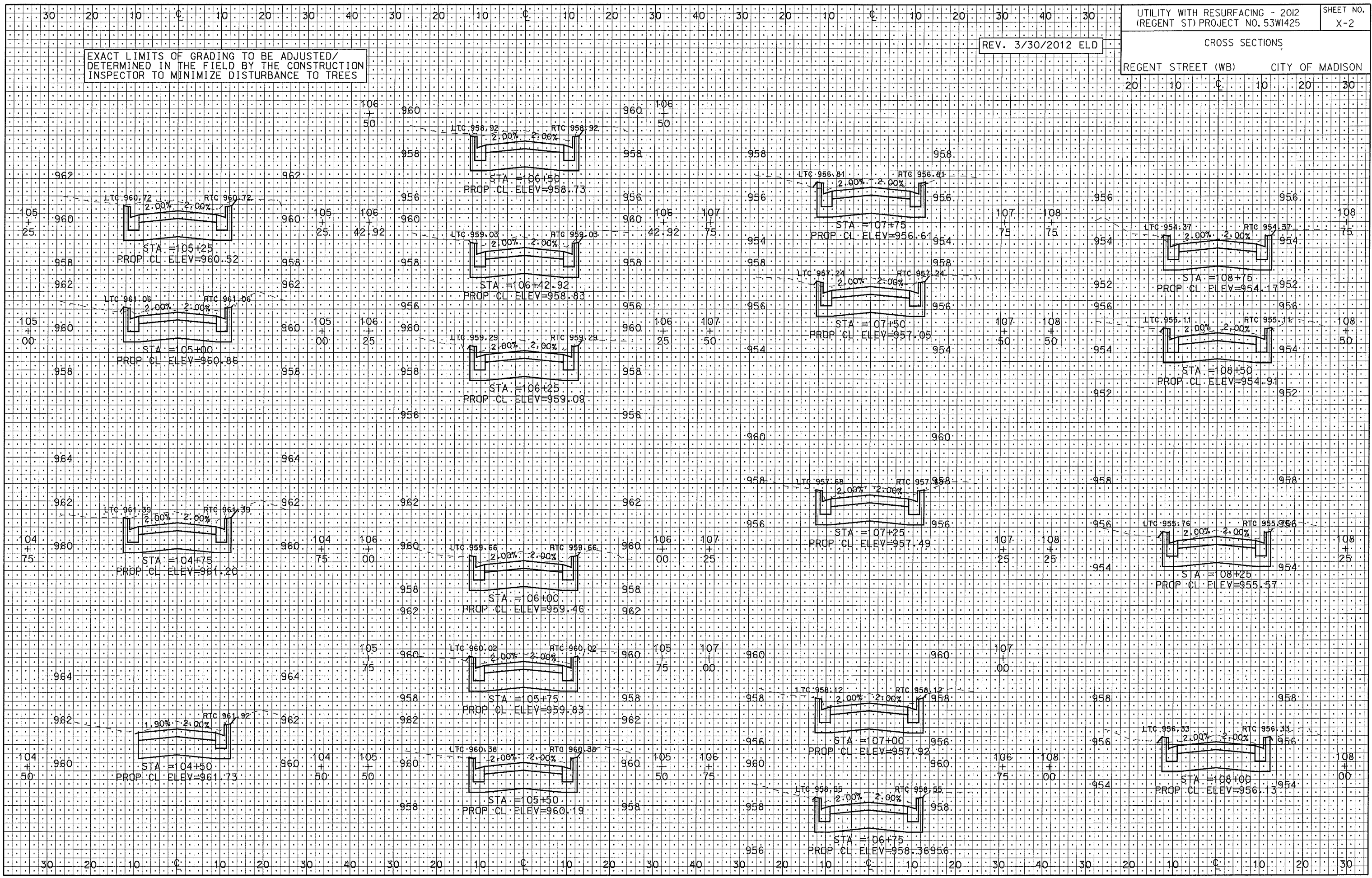
REGENT STREET (WB) CITY OF MADISON

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:



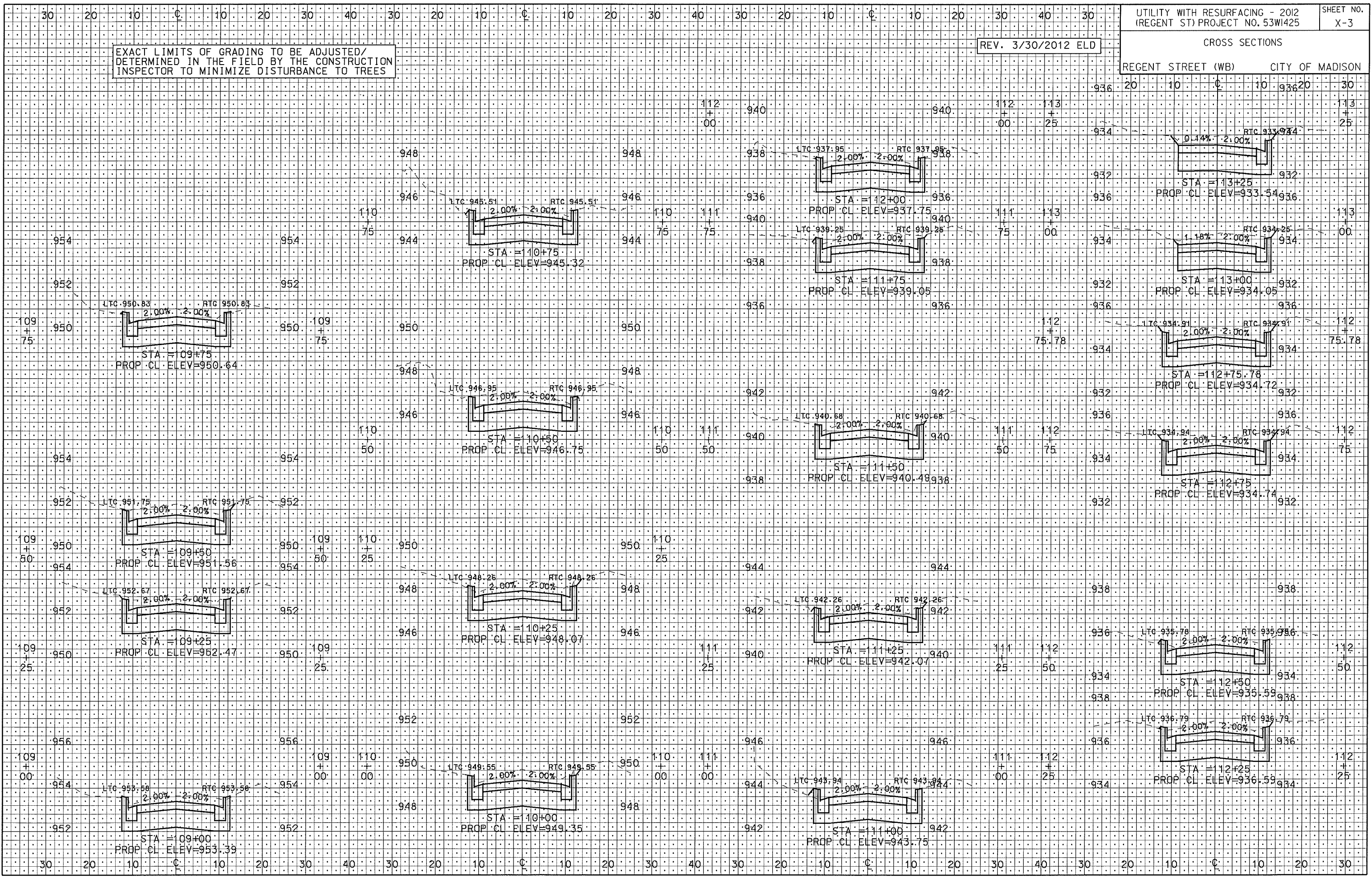
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. 3/30/2012 ELD

CROSS SECTIONS

REGENT STREET (WB) CITY OF MADISON

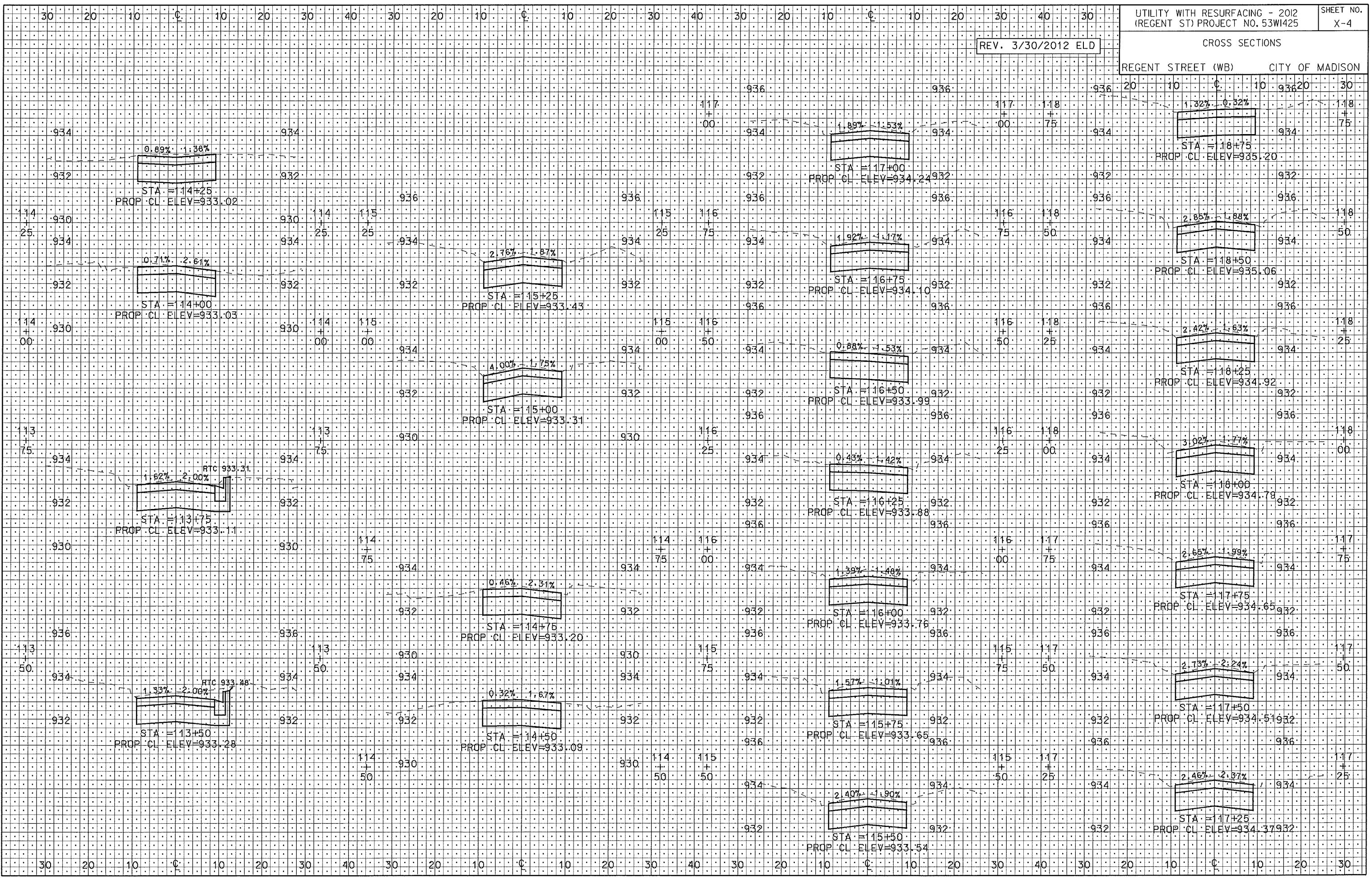
EXACT LIMITS OF GRADING TO BE ADJUSTED/
DETERMINED IN THE FIELD BY THE CONSTRUCTION
INSPECTOR TO MINIMIZE DISTURBANCE TO TREES



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

REV. 3/30/2012 ELD

CROSS SECTIONS
 REGENT STREET (WB) CITY OF MADISON



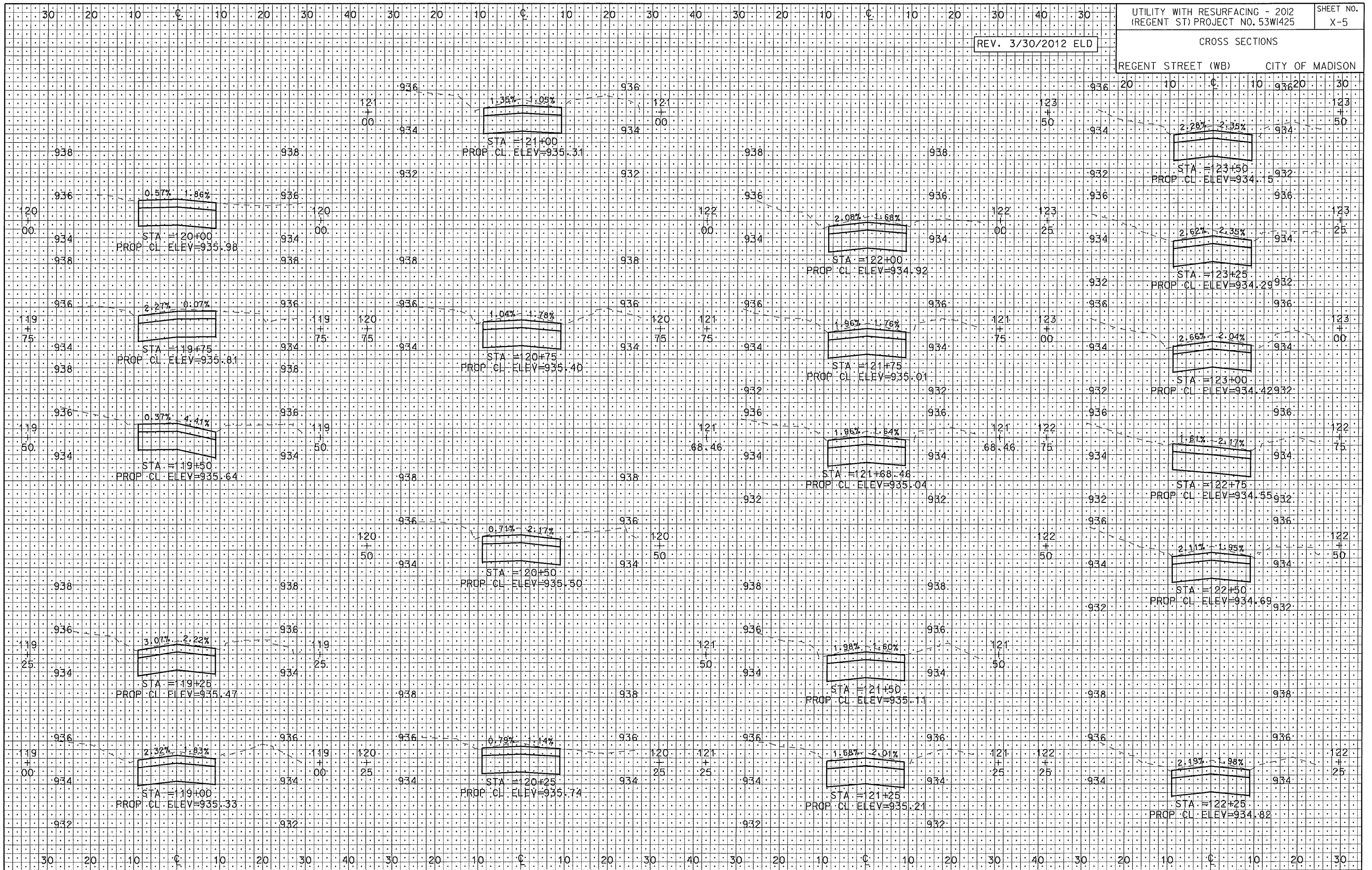
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 REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. 3/30/2012 ELD

CROSS SECTIONS

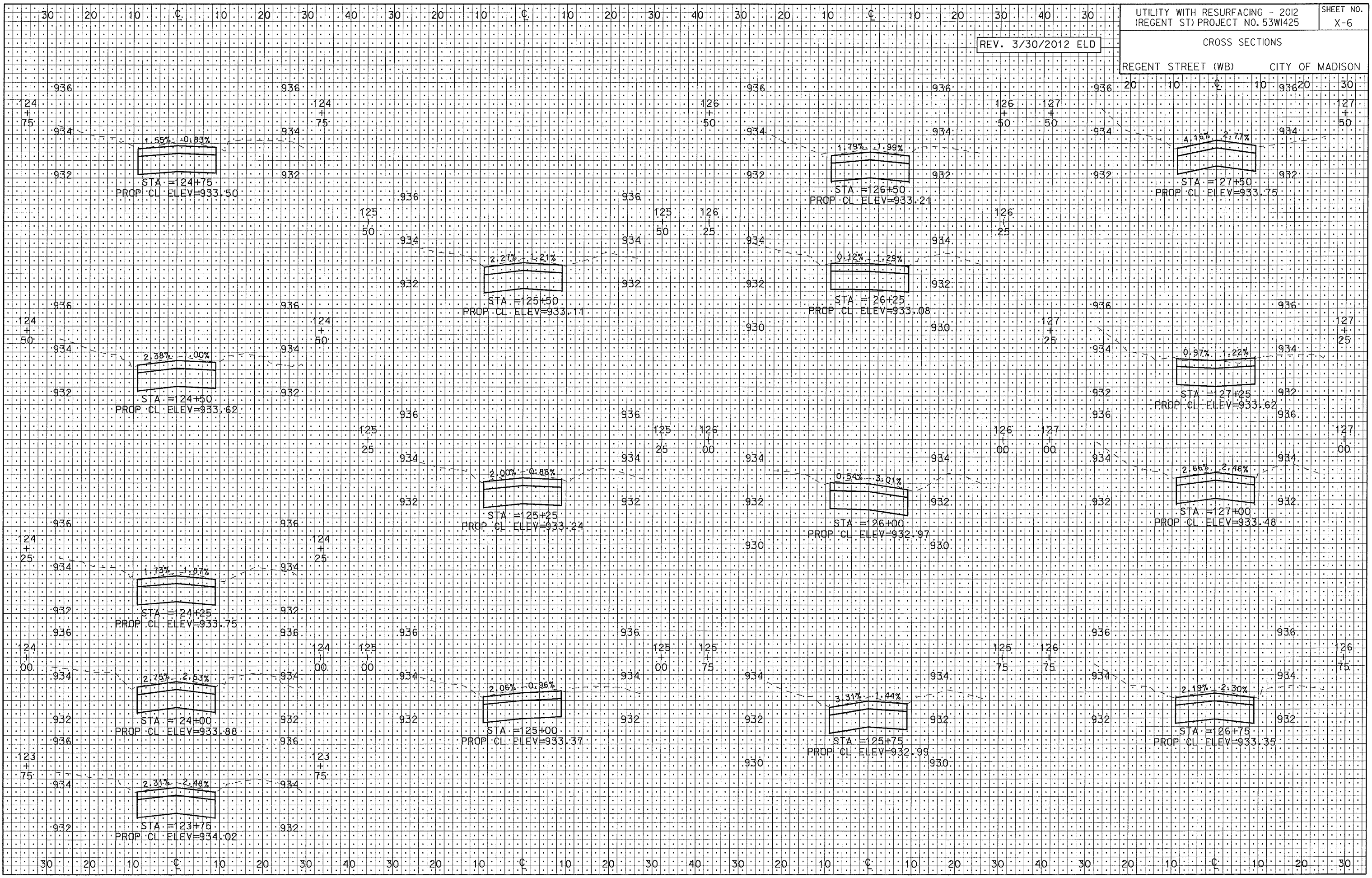
REGENT STREET (WB) CITY OF MADISON



ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. 3/30/2012 ELD

CROSS SECTIONS
REGENT STREET (WB) CITY OF MADISON

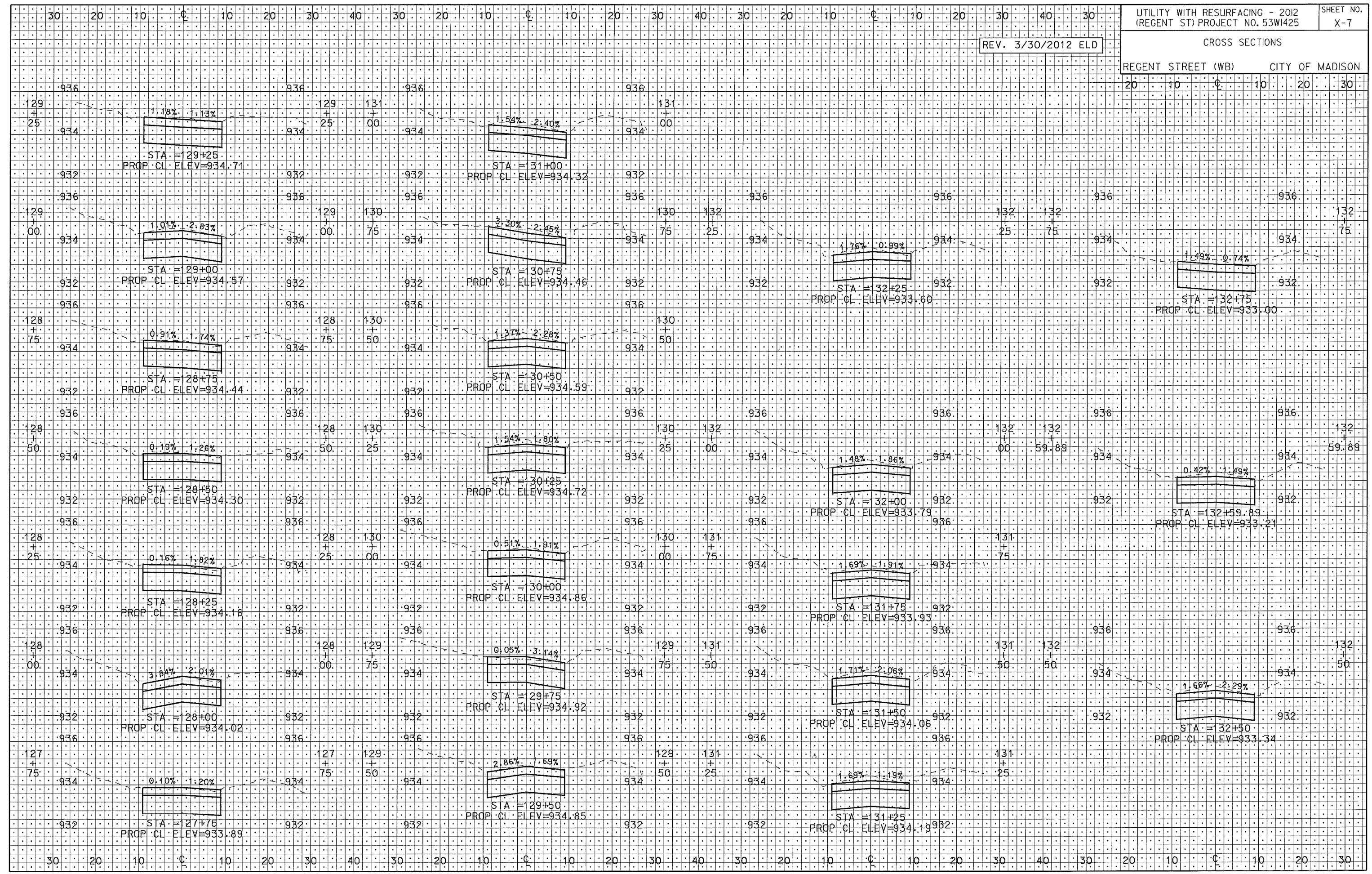


PLOT SCALE: 1" = 10'
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. 3/30/2012 ELD

CROSS SECTIONS

REGENT STREET (WB) CITY OF MADISON

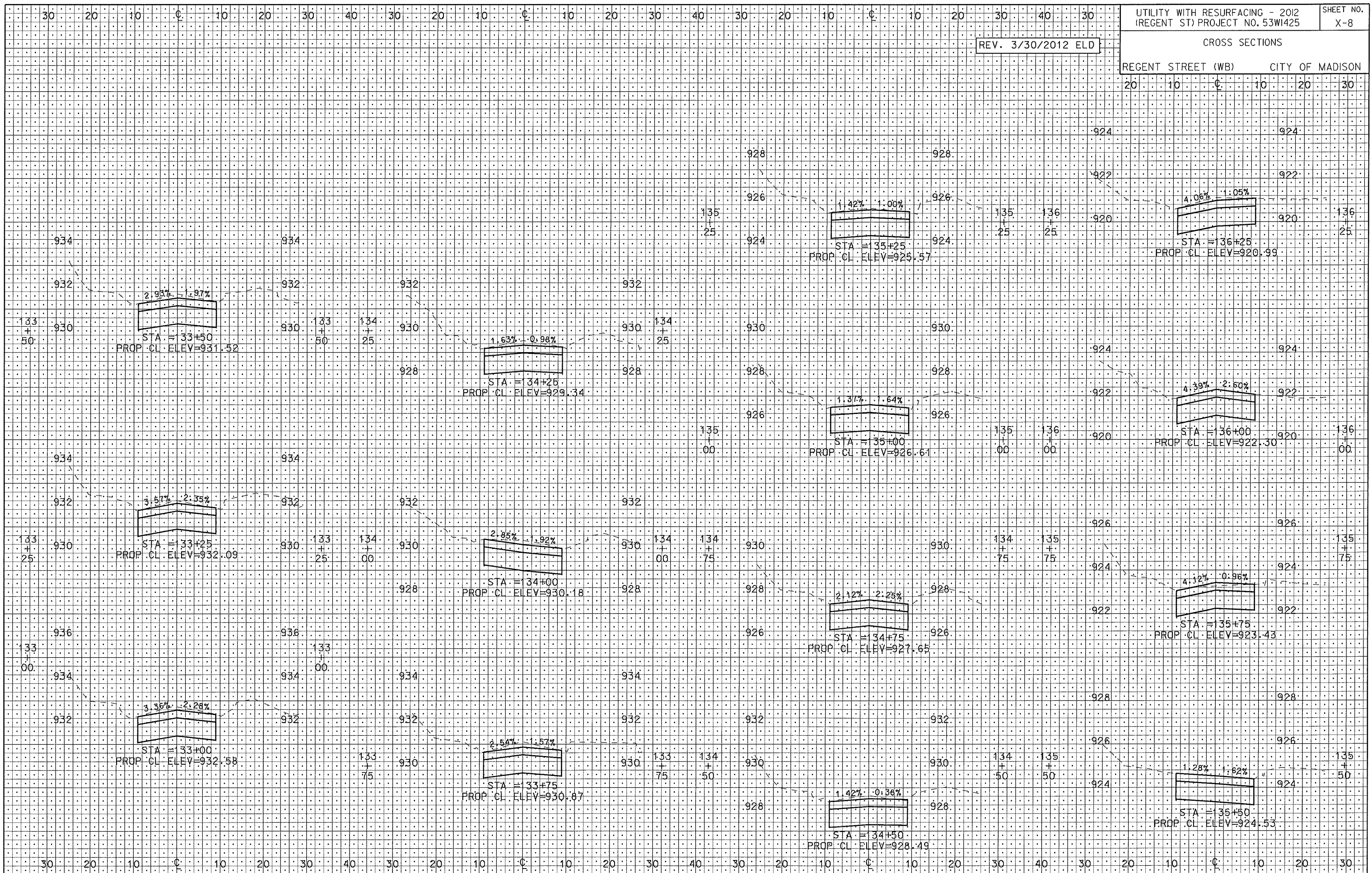


PLOT SCALE:
 PLOT NAME:
 REV. DATE:
 ORIGINATOR: CITY OF MADISON, SIBBEIS, DIVISION

REV. 3/30/2012 ELD

CROSS SECTIONS

REGENT STREET (WB) CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

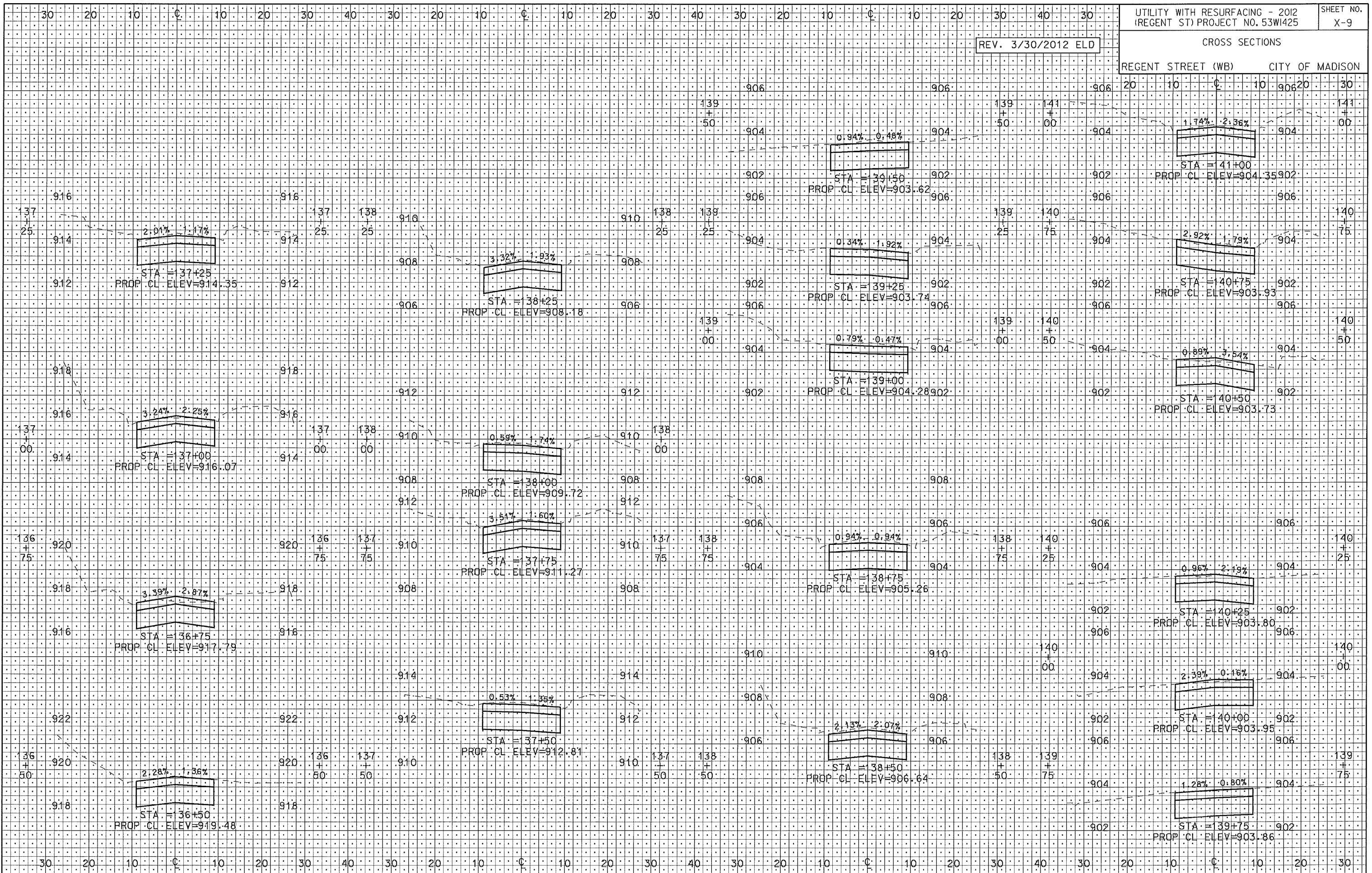
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REV. 3/30/2012 ELD

CROSS SECTIONS

REGENT STREET (WB) CITY OF MADISON



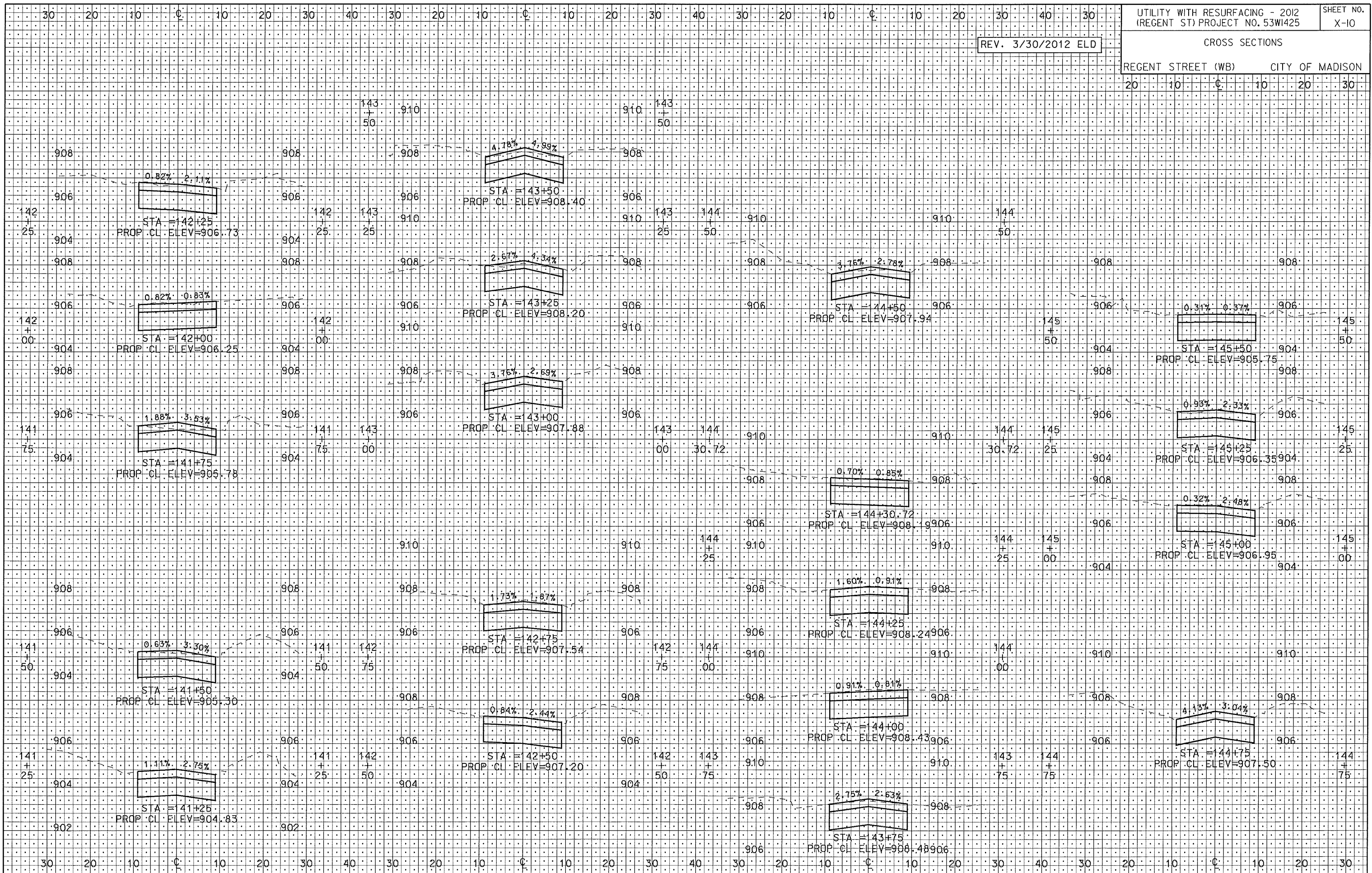
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REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. 3/30/2012 ELD

CROSS SECTIONS

REGENT STREET (WB) CITY OF MADISON



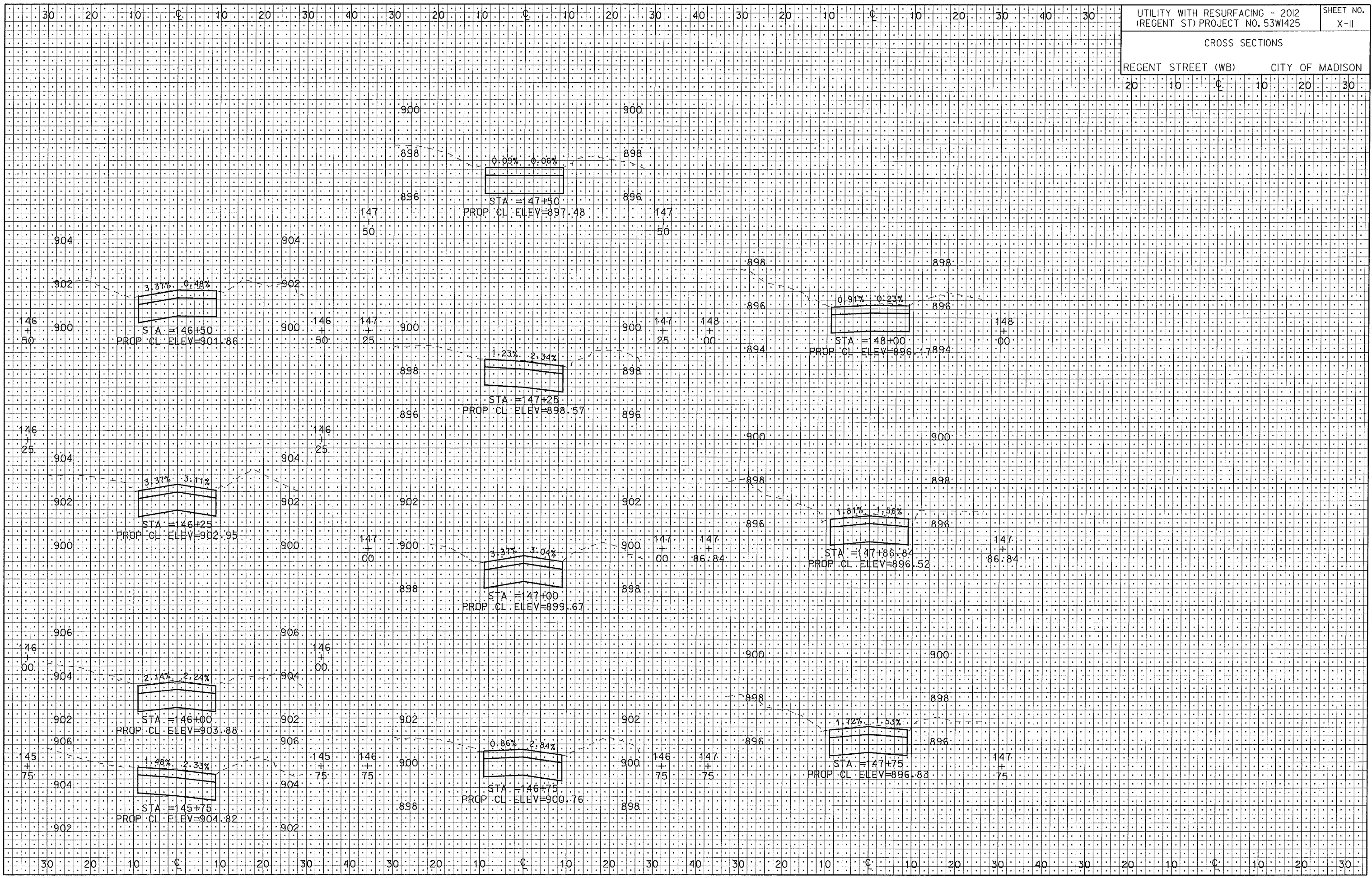
PLOT SCALE:
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 REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

REGENT STREET (WB) CITY OF MADISON

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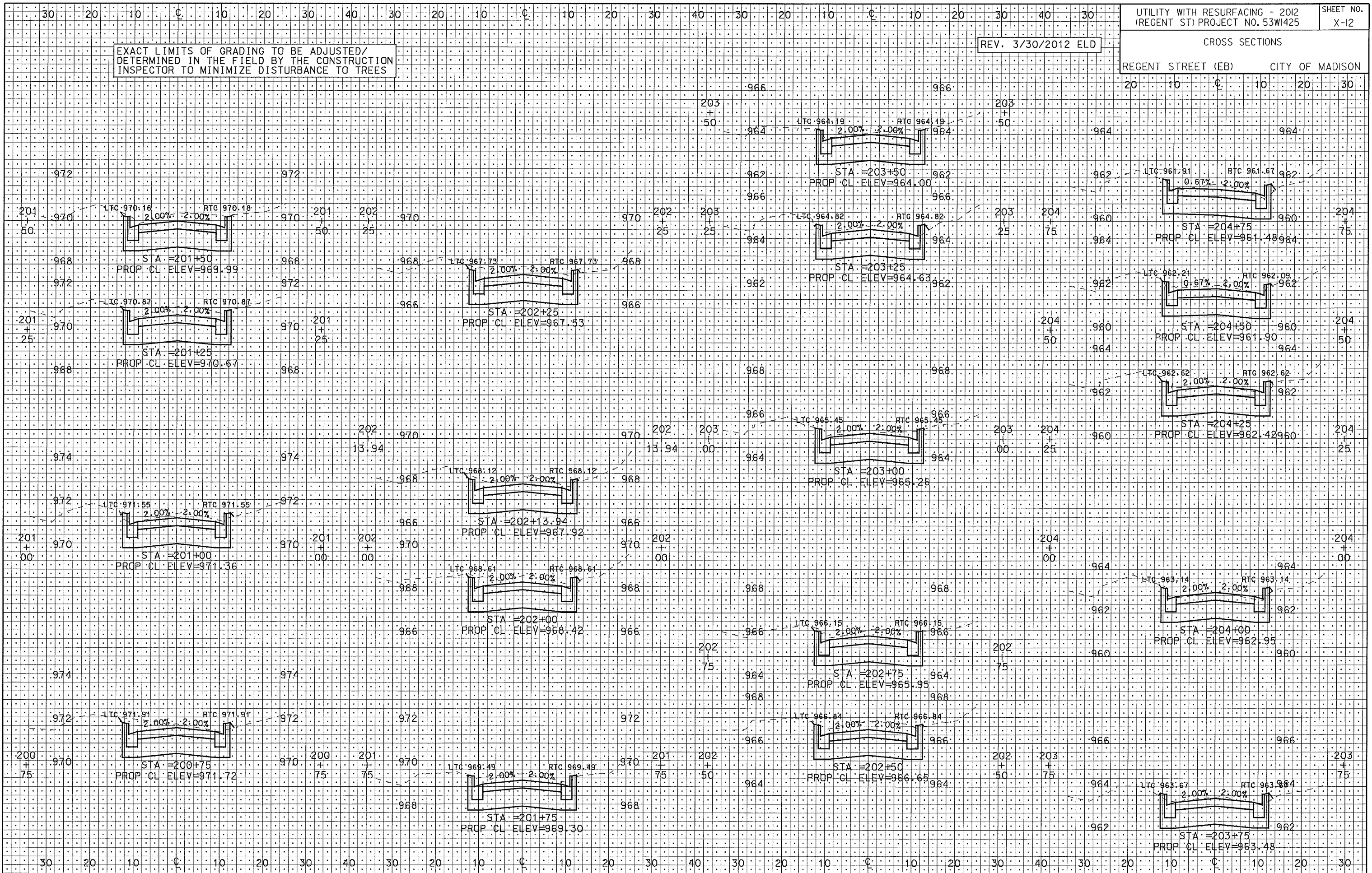
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 ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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: _____

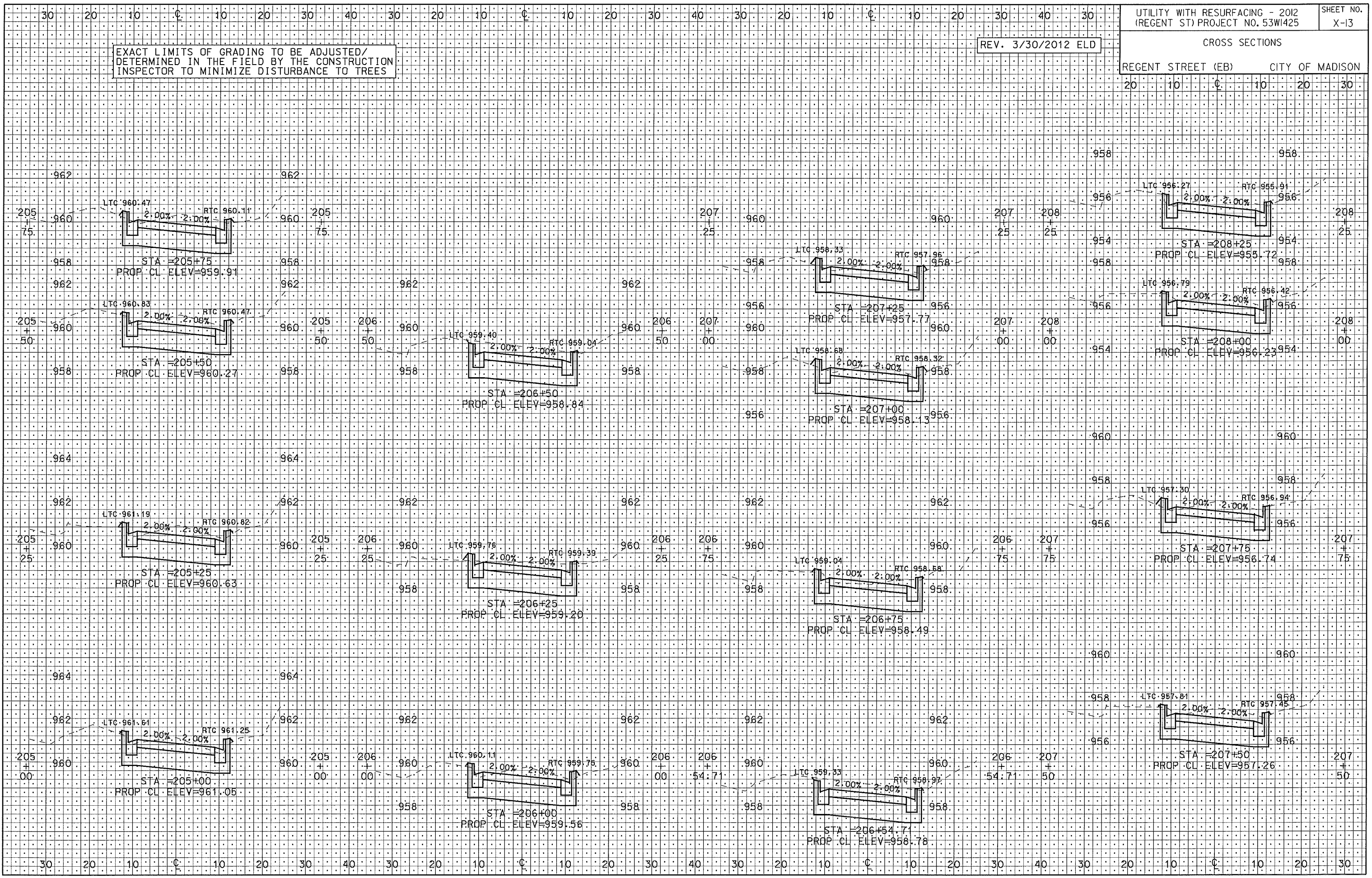
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REV. 3/30/2012 ELD

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:

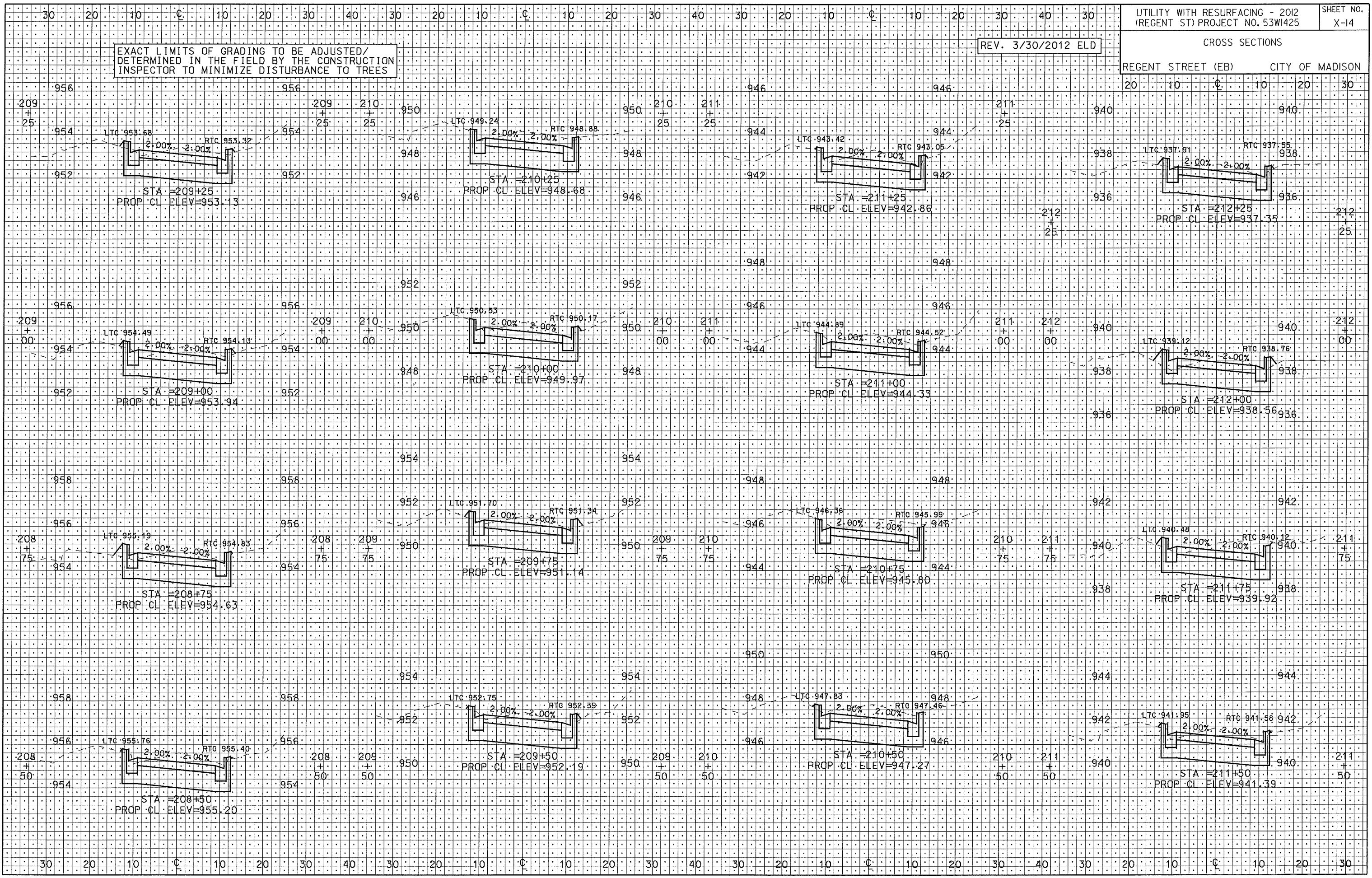
ORIGINATOR: CITY OF MADISON, SIBERIS, DIVISION

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:

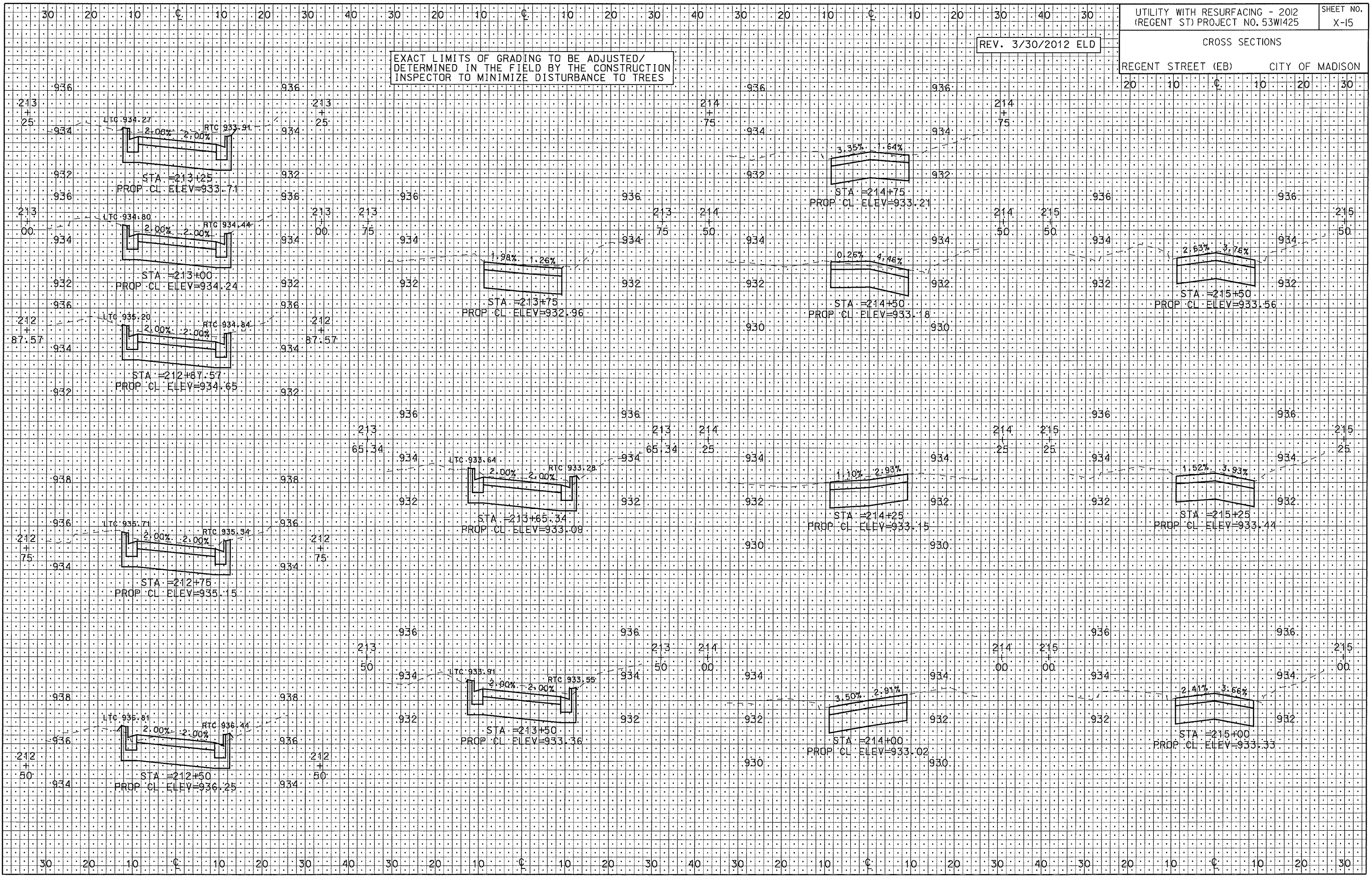
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REV. 3/30/2012 ELD

CROSS SECTIONS

REGENT STREET (EB) CITY OF MADISON

EXACT LIMITS OF GRADING TO BE ADJUSTED/
DETERMINED IN THE FIELD BY THE CONSTRUCTION
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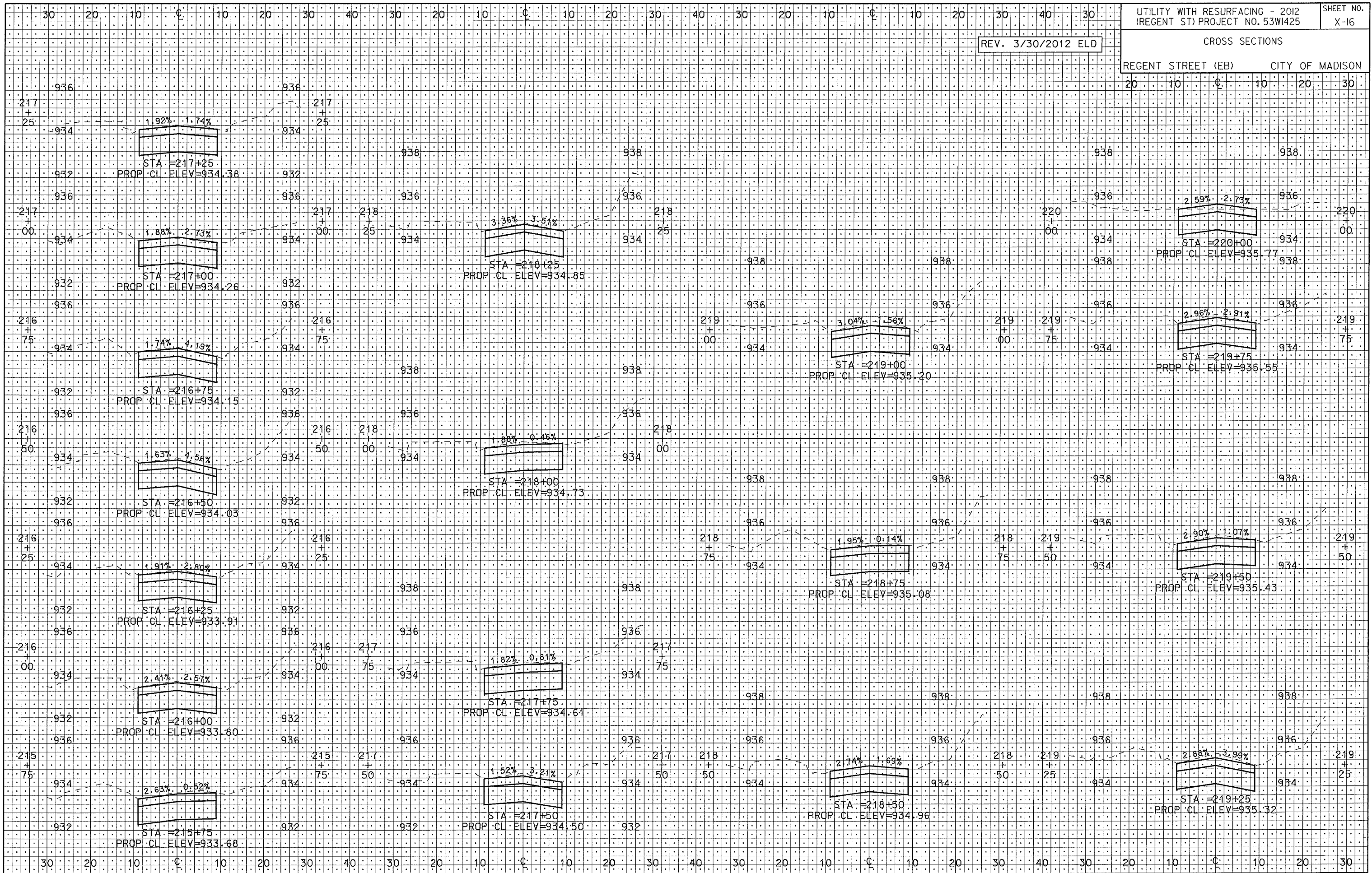
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PLOT NAME: _____
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. 3/30/2012 ELD

CROSS SECTIONS

REGENT STREET (EB) CITY OF MADISON

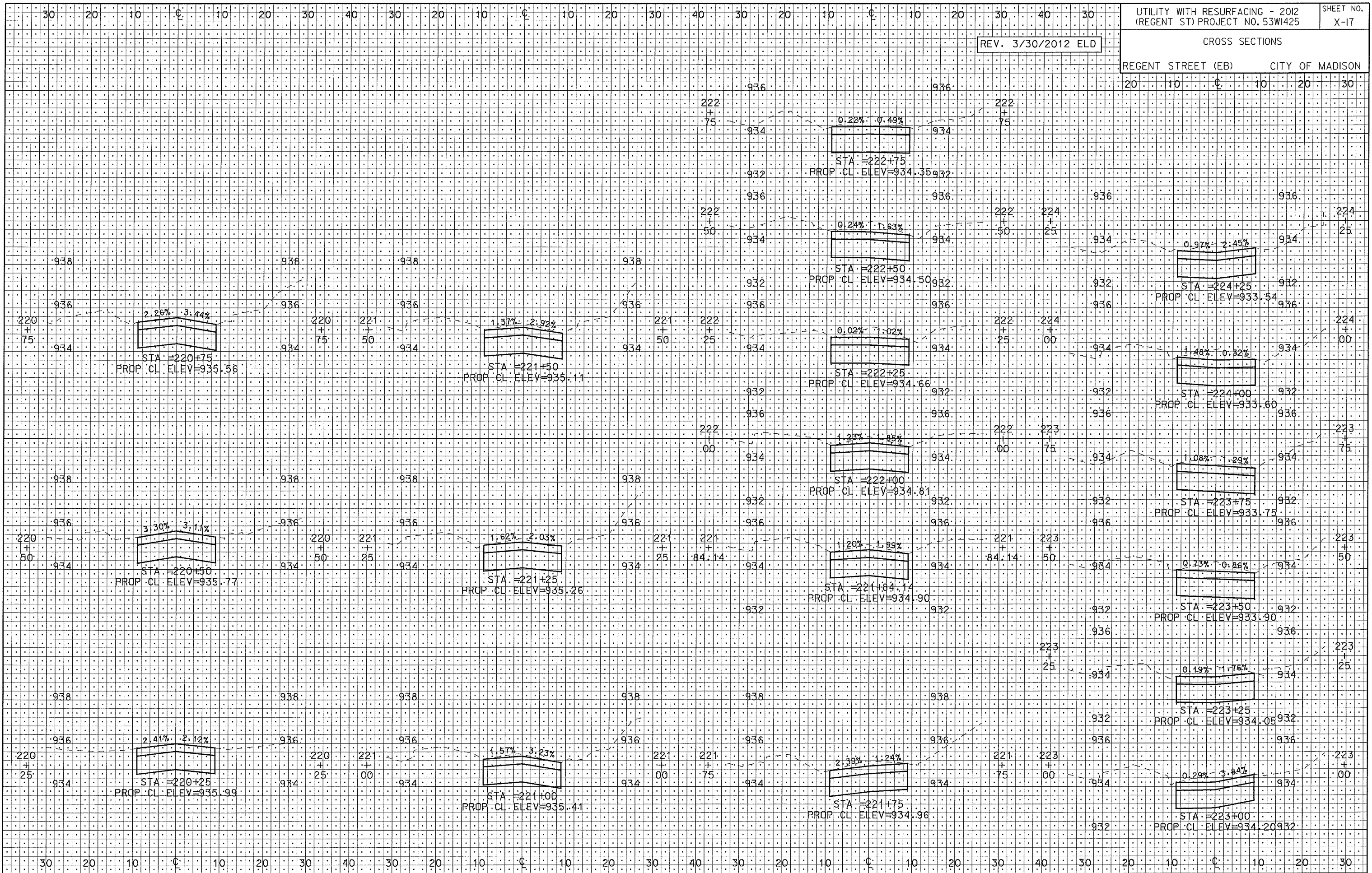


PLOT SCALE: PLOT NAME: REV. DATE:

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

REV. 3/30/2012 ELD

CROSS SECTIONS
REGENT STREET (EB) CITY OF MADISON



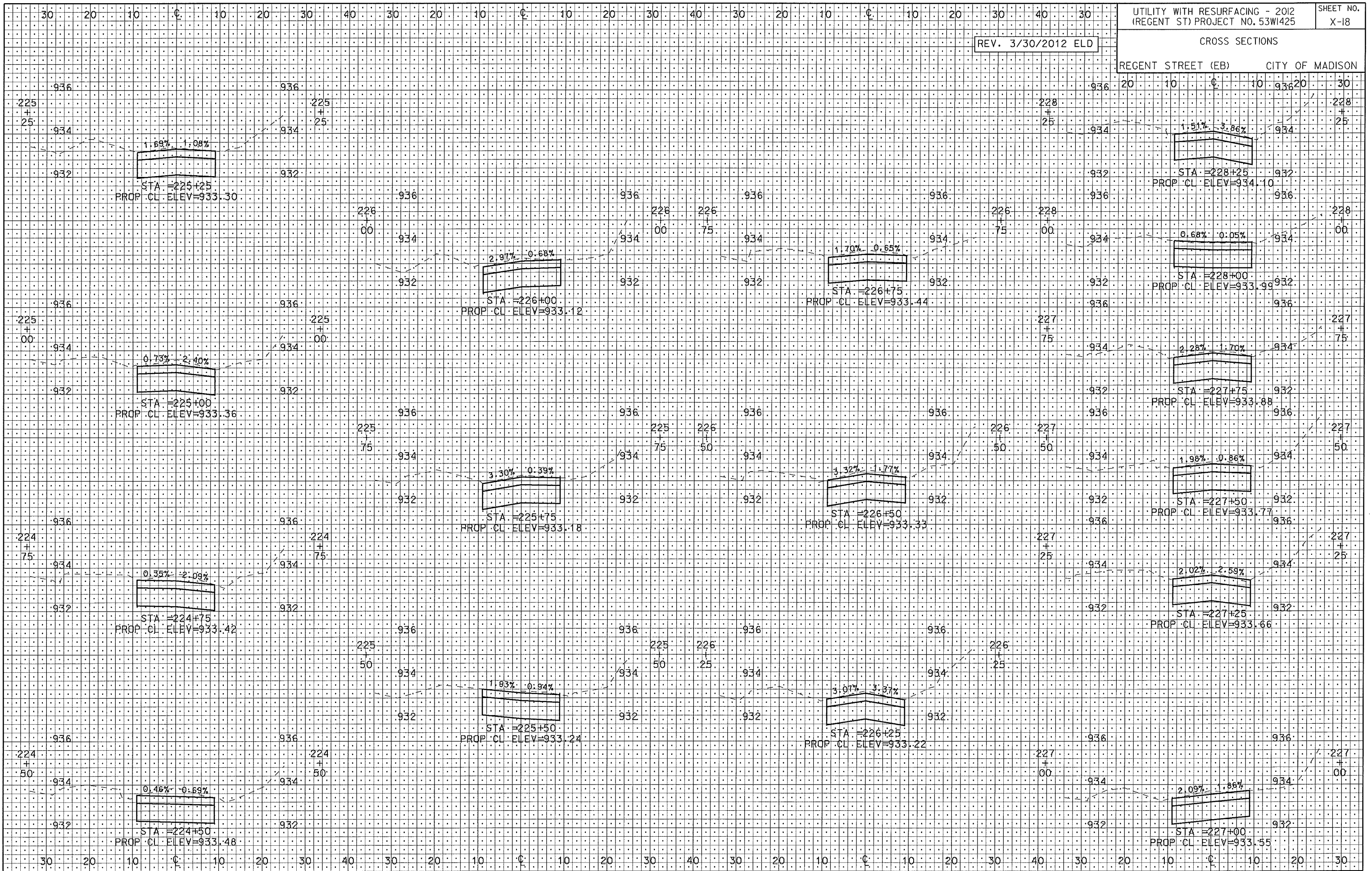
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PLOT SCALE: _____
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. 3/30/2012 ELD

CROSS SECTIONS

REGENT STREET (EB) CITY OF MADISON



PLOT SCALE:

PLOT NAME:

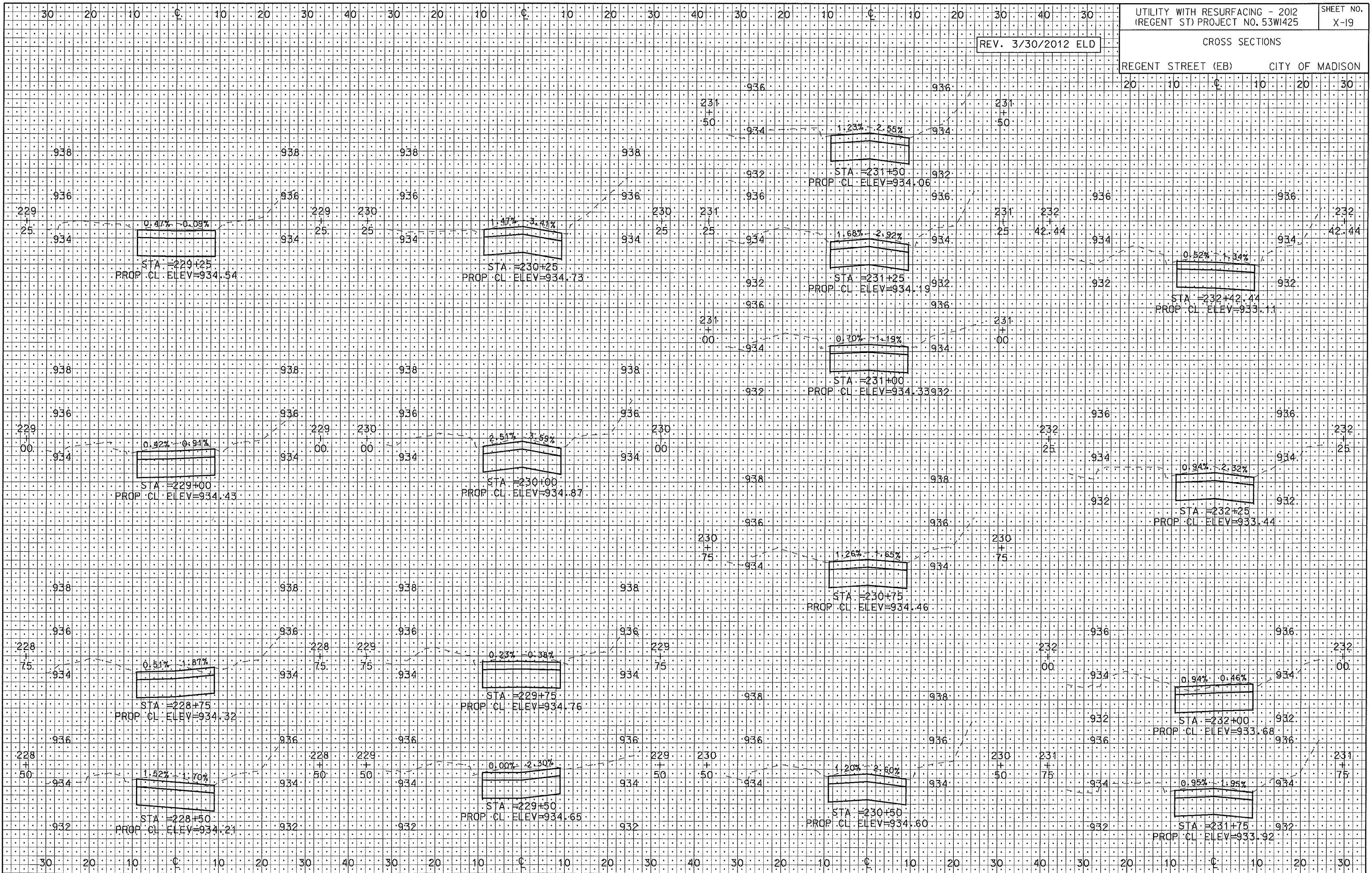
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. 3/30/2012 ELD

CROSS SECTIONS

REGENT STREET (EB) CITY OF MADISON



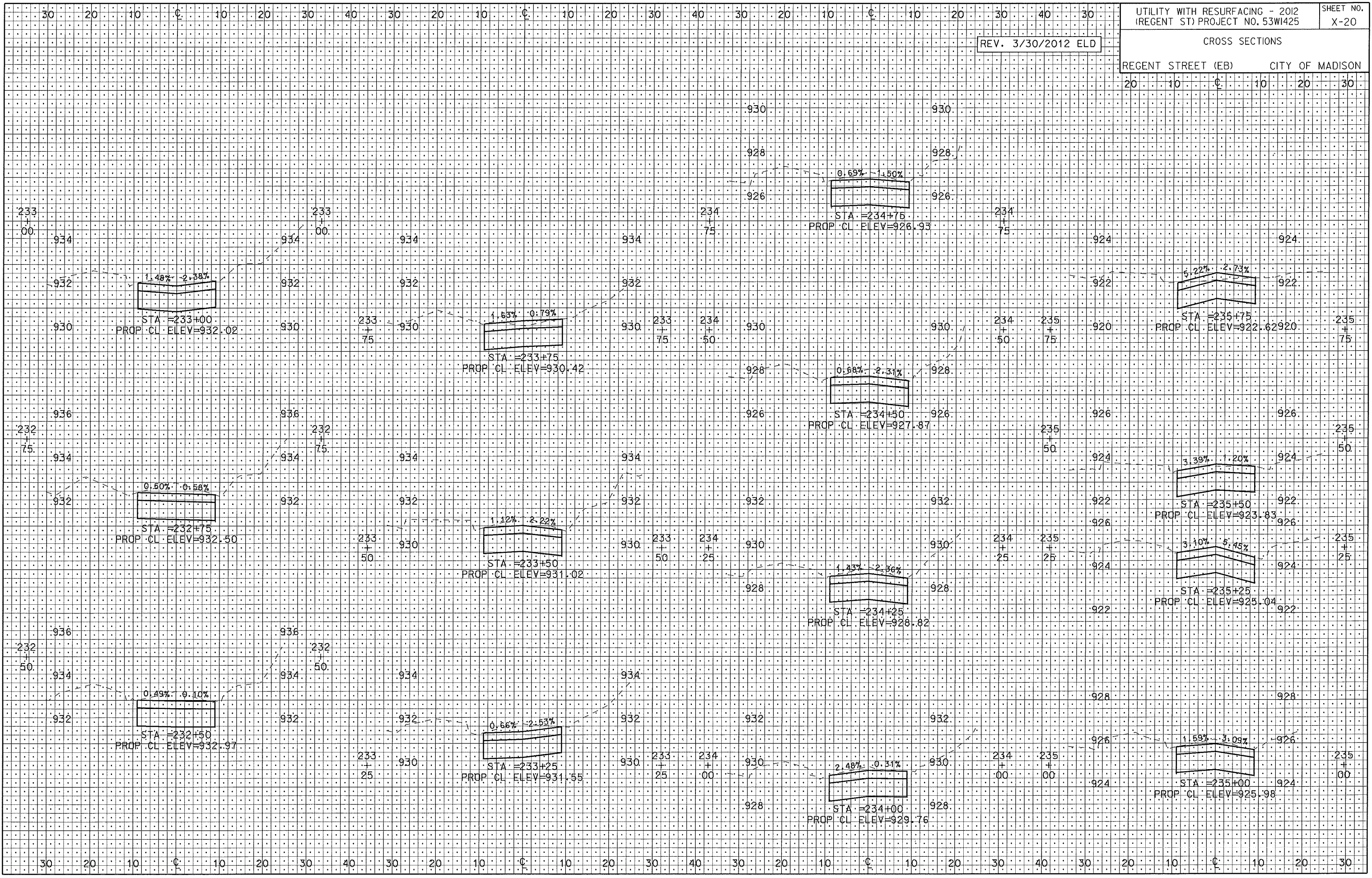
PLOT SCALE:
PLOT NAME:
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REV. 3/30/2012 ELD

CROSS SECTIONS

REGENT STREET (EB) CITY OF MADISON



PLOT SCALE:

PLOT NAME:

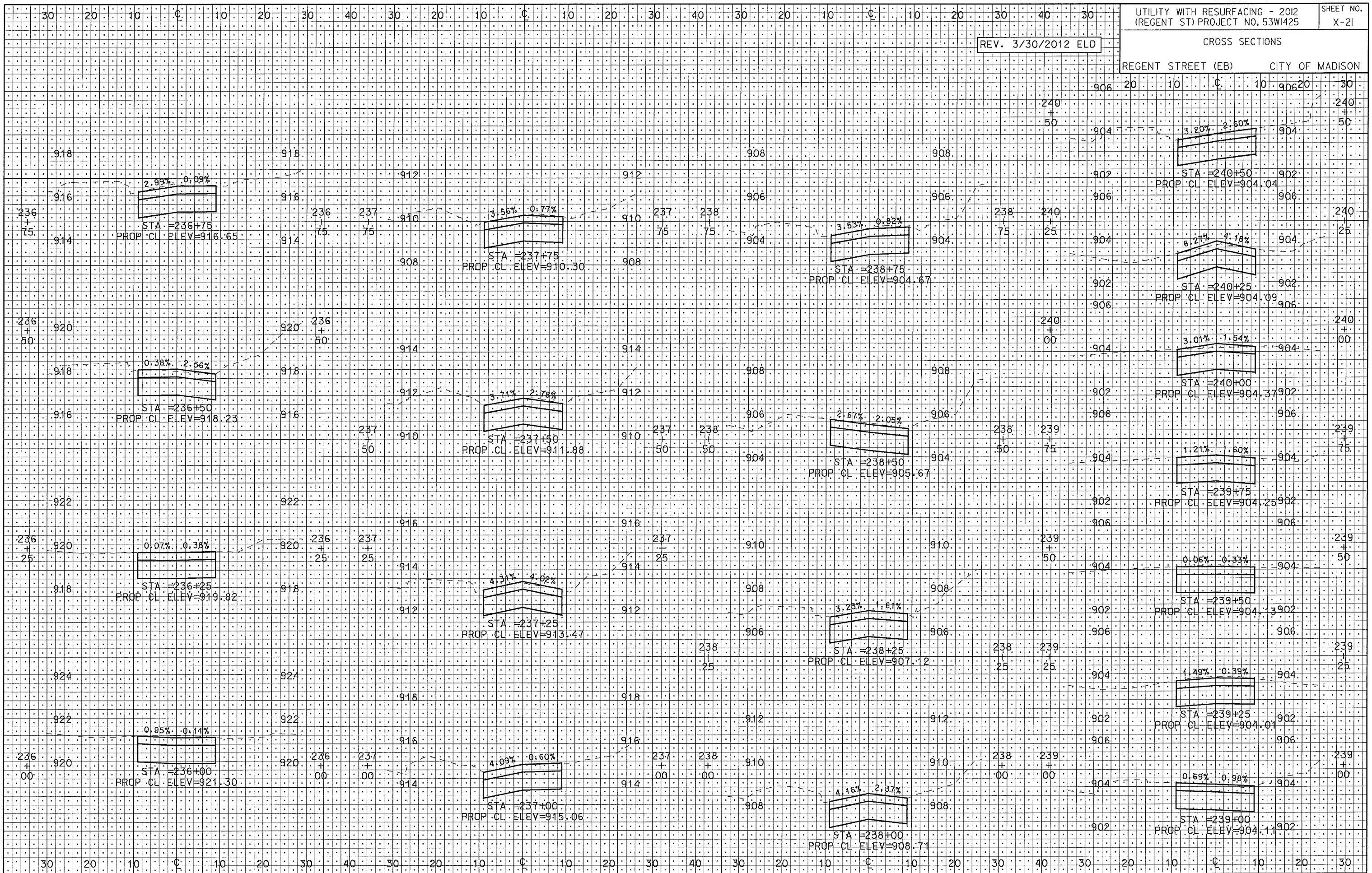
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REV. 3/30/2012 ELD

CROSS SECTIONS

REGENT STREET (EB) CITY OF MADISON



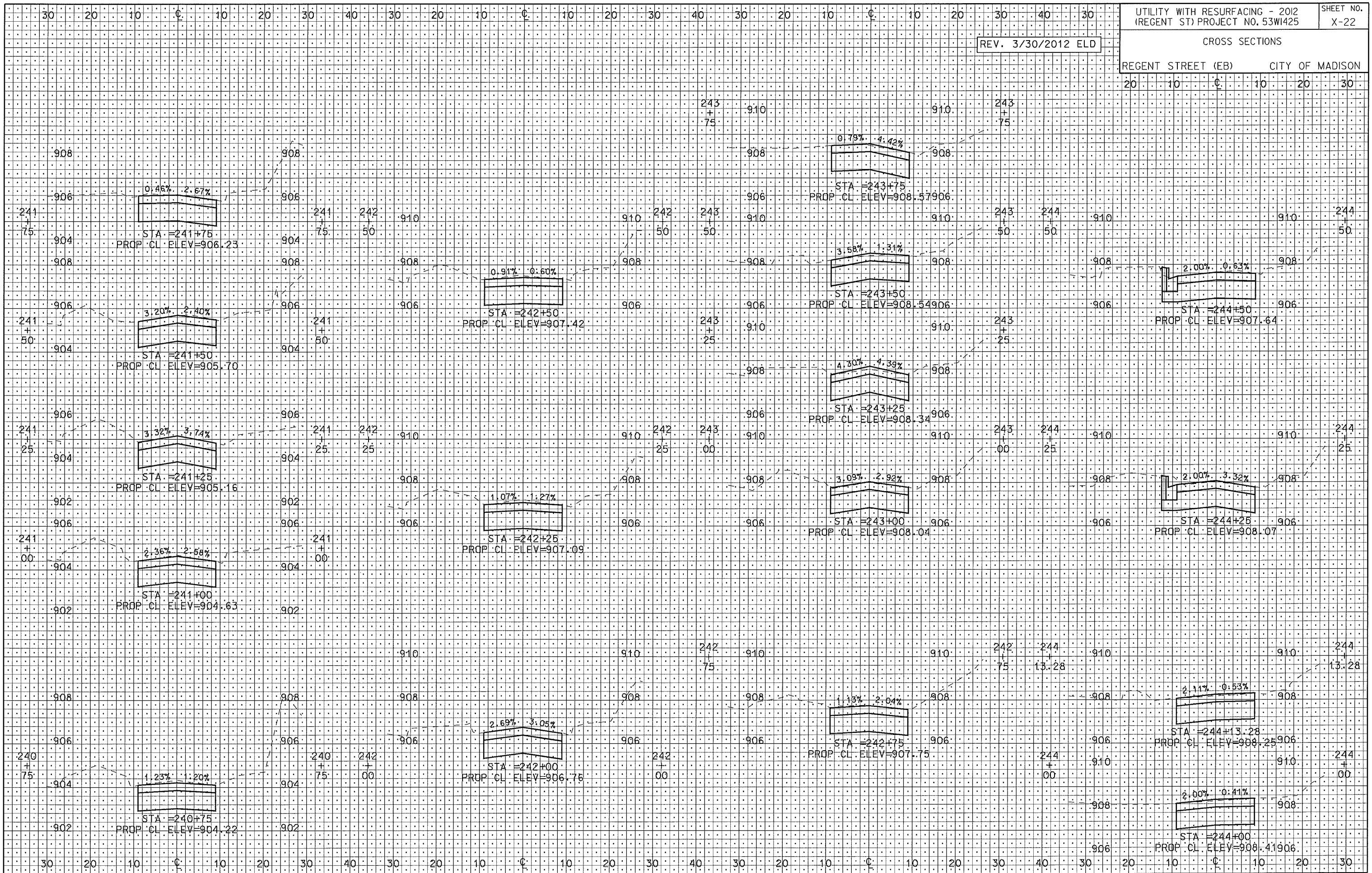
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REV. 3/30/2012 ELD

CROSS SECTIONS

REGENT STREET (EB) CITY OF MADISON



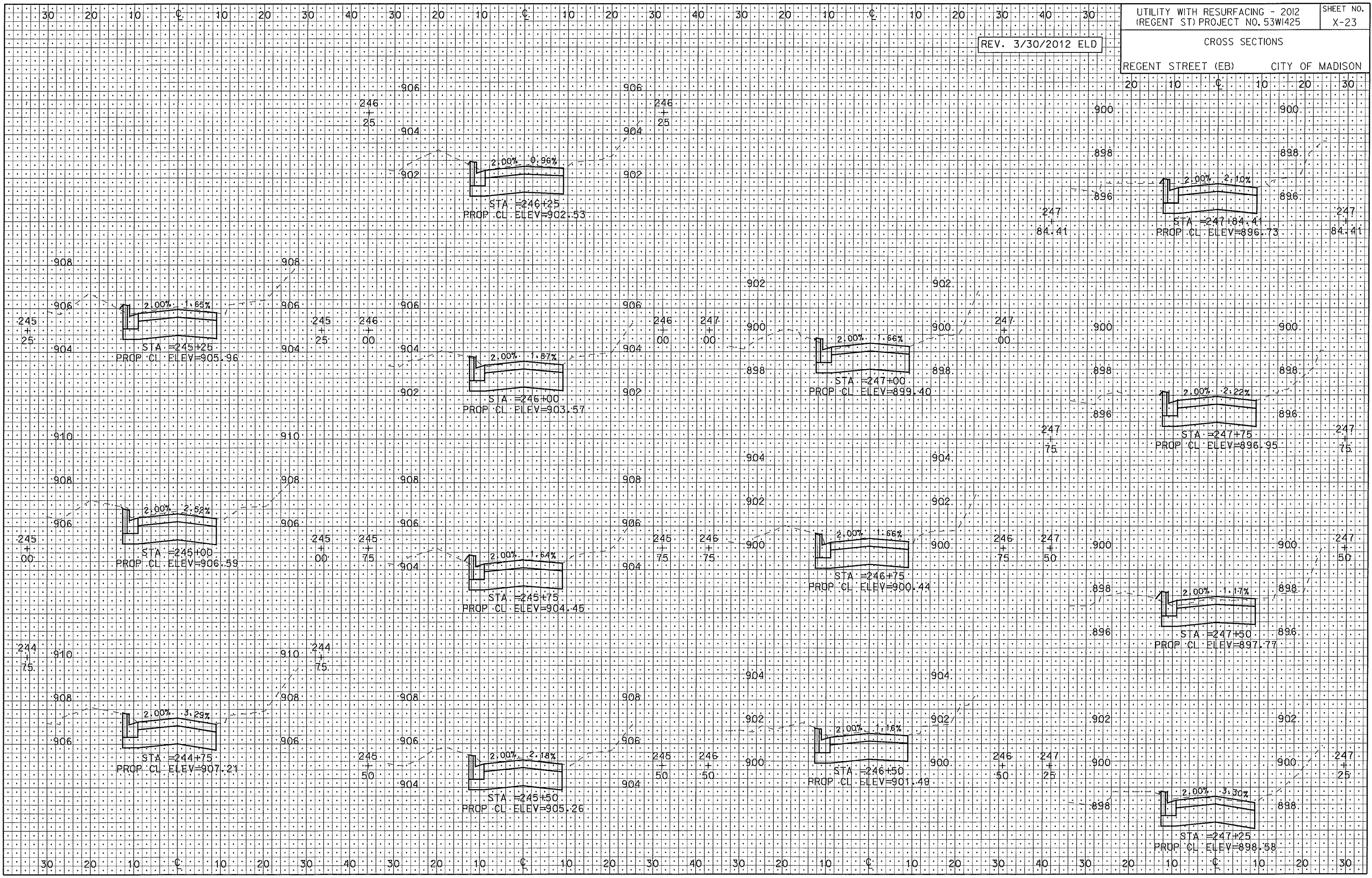
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REV. 3/30/2012 ELD

CROSS SECTIONS

REGENT STREET (EB) CITY OF MADISON



PLOT SCALE:
PLOT NAME:
REV. DATE:

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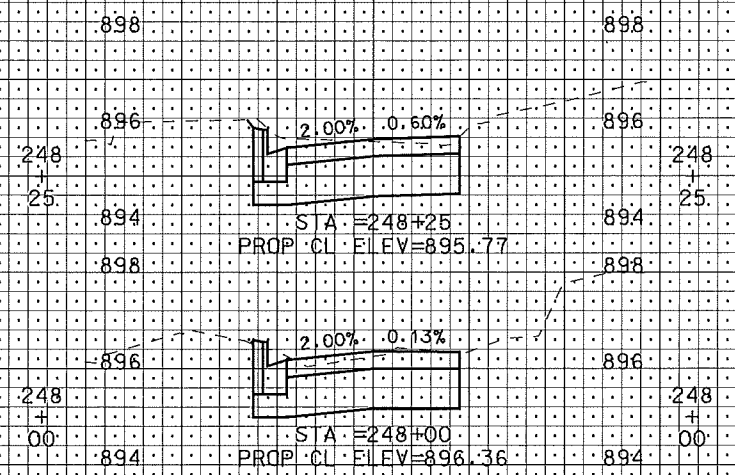
REV. 3/30/2012 ELD

CROSS SECTIONS

REGENT STREET (EB) CITY OF MADISON

20 10 C 10 20 30

REV. DATE: PLOT NAME: PLOT SCALE:



ORIGINATOR: CITY OF MADISON, STREETS DIVISION