

Madison, Wisconsin

# CITY OF MADISON

## CITY ENGINEERING DIVISION

### DEPARTMENT OF PUBLIC WORKS

# PLAN OF PROPOSED IMPROVEMENT

## LANGLOIS STREET AND MERRILL CREST DRIVE ASSESSMENT DISTRICT - 2012

CITY PROJECT NO. 53W0982  
CONTRACT NO. 6579

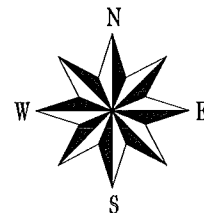
**INDEX OF SHEETS**

SHEET NO.	TITLE
1	ALIGNMENTS
A1	TYPICAL SECTION DETAILS
D1	EROSION CONTROL PLANS
EC1-EC3	STREET PLAN & PROFILES
P1-P3	UTILITY PLAN & PROFILES
U1-U3	SEWER SCHEDULES
U4-U5	WATER PLAN & PROFILES
W1-W3	WATER IMPACT PLAN
W4	WATER DETAILS & MATERIALS
W5	CROSS SECTIONS
X1-X9	

**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	☀



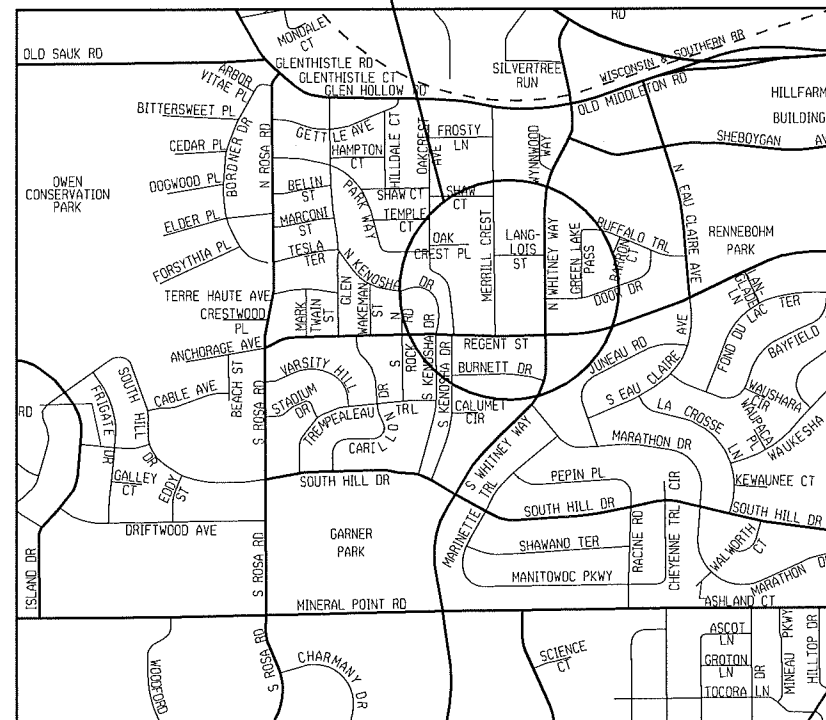
**NOTES:**

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

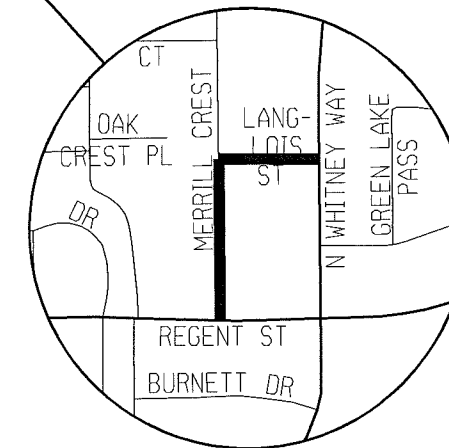
SIDEWALK RAMPS AND CURB THRU SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 2.00%. SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00% EXCEPT WHERE STREET GRADES EXCEED 5.00%.

**EARTH WORK SUMMARY:**

EXCAVATION CUT (MEASURED PLAN QUANTITY)..... 1705 C.Y.  
ESTIMATED UNDISTRIBUTED UNDERCUT..... 985 C.Y.  
TOTAL UNCLASSIFIED EXCAVATION CUT..... 2690 C.Y.



**PROJECT LOCATION**



PUBLIC IMPROVEMENT PROJECT APPROVED

MARCH 20, 2012

BY THE COMMON COUNCIL  
OF MADISON, WISCONSIN

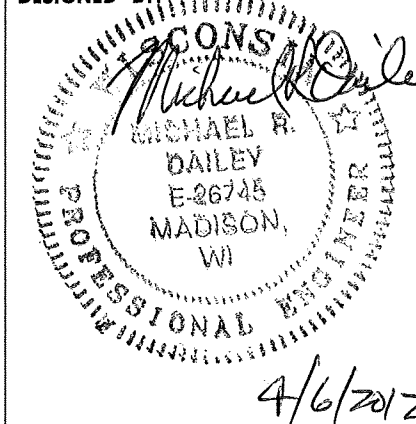
PUBLIC IMPROVEMENT DESIGN  
APPROVED BY:

*Michael R. Dailey* 4/6/2012  
City Engineer Date

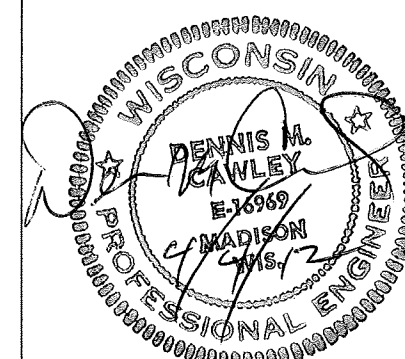
STREET  
DESIGNED BY:



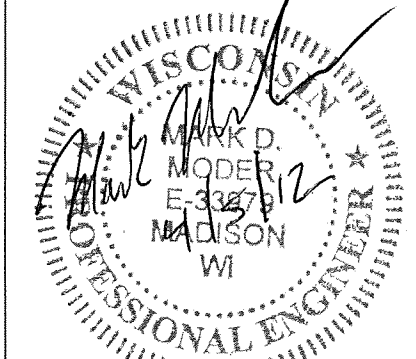
STORM SEWER  
DESIGNED BY:

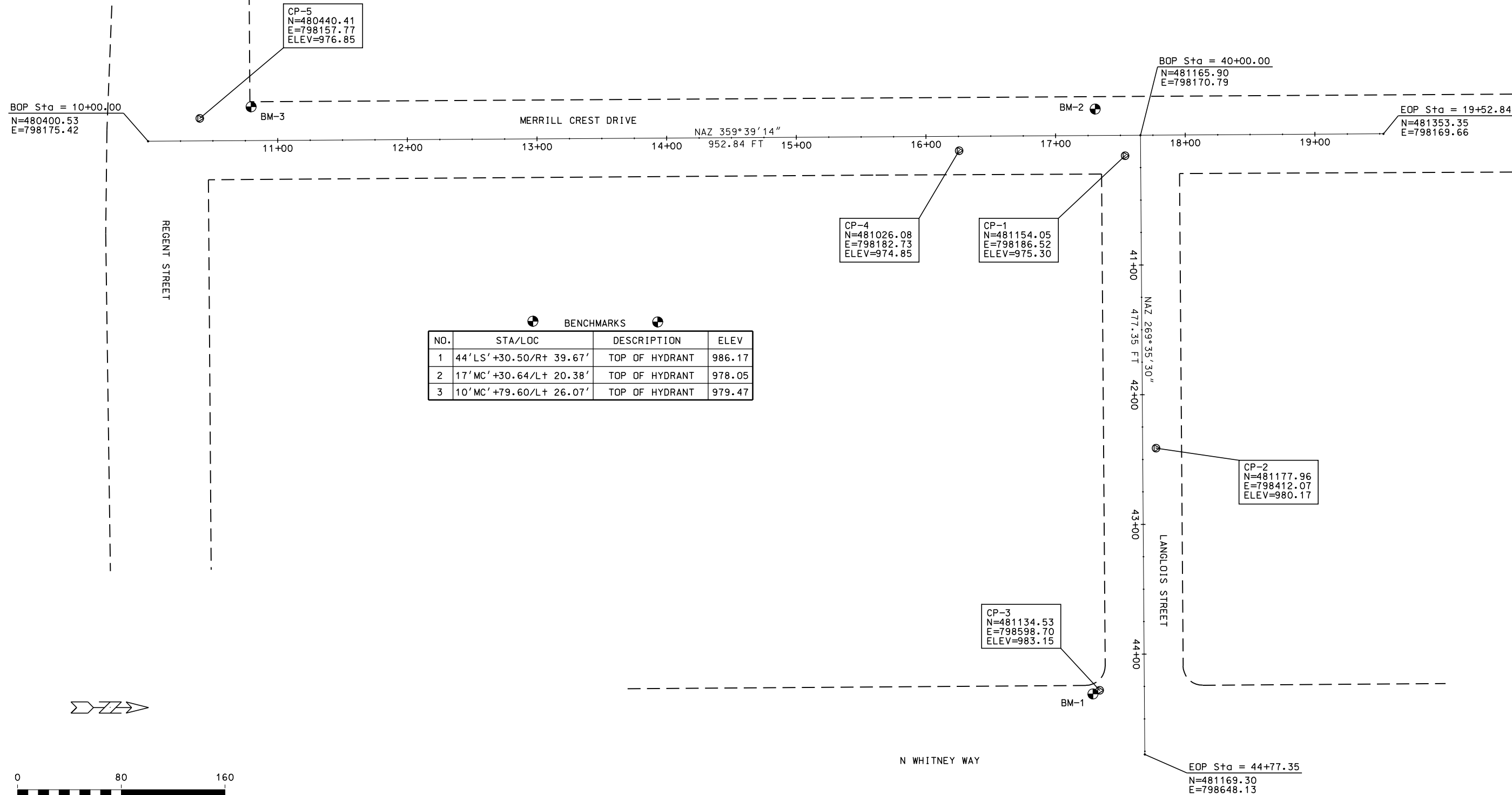


WATER  
DESIGNED BY:



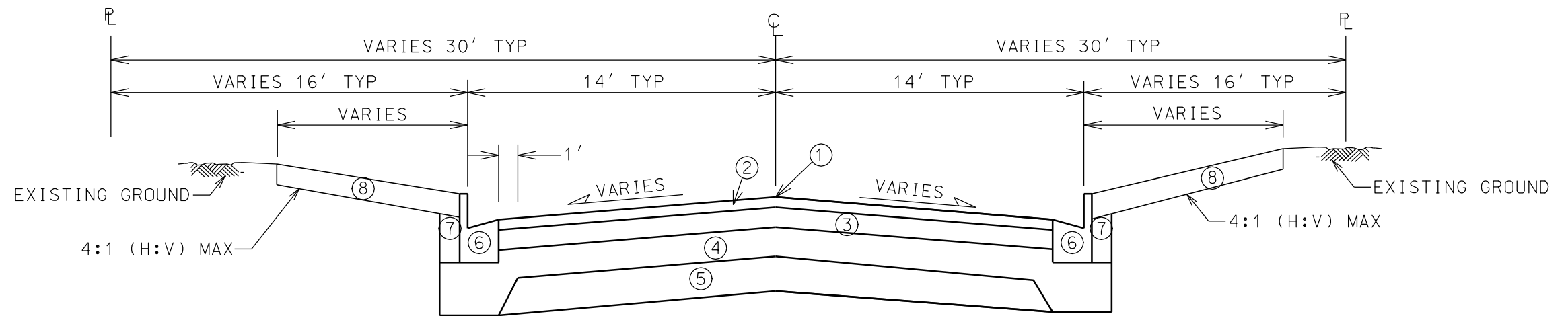
SANITARY SEWER  
DESIGNED BY:





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

- ① POINT REFERRED TO ON PROFILE
- ② 1 3/4" BITUMINOUS UPPER LAYER, 12.5mm, TYPE E-0.3
- ③ 1 3/4" BITUMINOUS LOWER LAYER, 12.5mm, TYPE E-0.3
- ④ 4" GRADATION 2 CRUSHED AGGREGATE
- ⑤ 6" GRADATION 1 CRUSHED AGGREGATE
- ⑥ TYPE 'A' CONCRETE CURB & GUTTER
- ⑦ FILL
- ⑧ 4" TOPSOIL, SEED & EROSION MAT, CLASS I, URBAN TYPE A



**TYPICAL FINISHED SECTION**  
MERRILL CREST DR. & LANGLOIS STREET  
NOT TO SCALE

PLOT SCALE: .....

PLOT NAME: .....

REV. DATE: .....

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0709-191-1033-1  
 HANSEN, LANETTE  
 10 MERRILL CREST DR

0709-191-1034-9  
 MCLAUGHLIN, PAMELA E  
 14 MERRILL CREST DR

0709-191-1031-5  
 SINCLAIR, ADAM M  
 2 MERRILL CREST DR

0709-191-1032-3  
 PETERSON, CHRISTINE C  
 6 MERRILL CREST DR

0709-191-1035-7  
 ESTIBAN, MARWAN F  
 18 MERRILL CREST DR

0709-191-1036-5  
 AL-FOTO, MICHAEL A  
 22 MERRILL CREST DRIVE

0709-191-1037-3  
 ORTMAN TRUST,  
 TERRENCE &  
 MARIELLA  
 102 MERRILL CREST

0709-191-0612-4  
 LIGHTHOUSE CHURCH INC  
 1 MERRILL CREST DR

0709-191-0608-3  
 LIGHT HOUSE CHURCH  
 MADISON INC  
 5202 REGENT ST

0709-191-0607-5  
 LIGHTHOUSE CHURCH INC  
 9 MERRILL CREST DR

0709-191-0606-7  
 CORRADO, ETHAN NEILL  
 & MEGAN MARIE CORRADO  
 13 MERRILL CREST DR

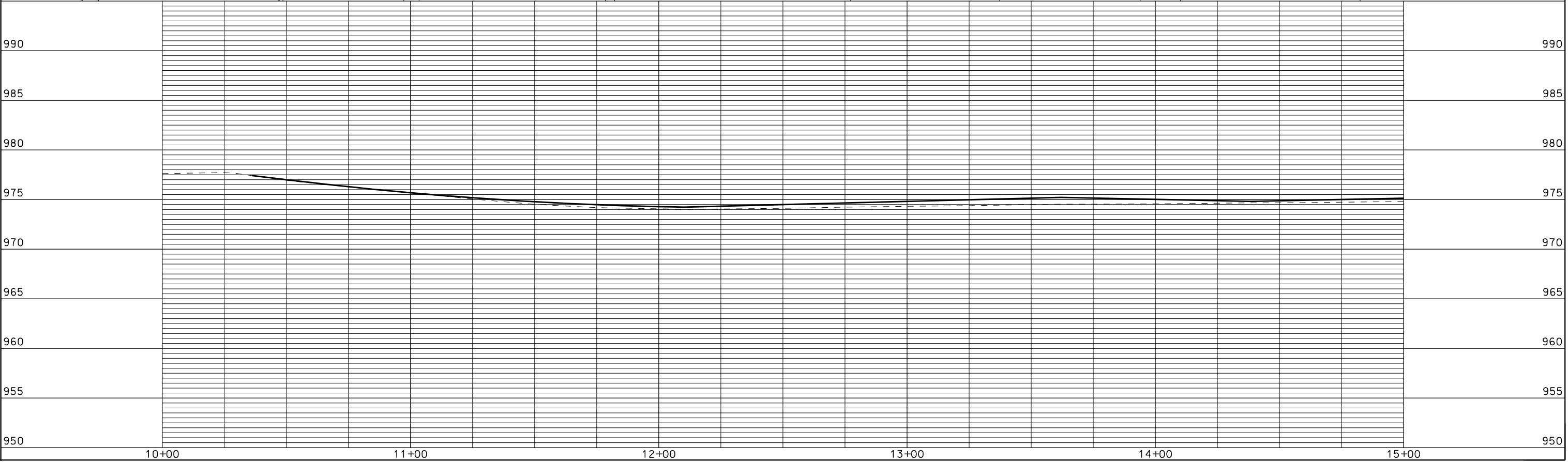
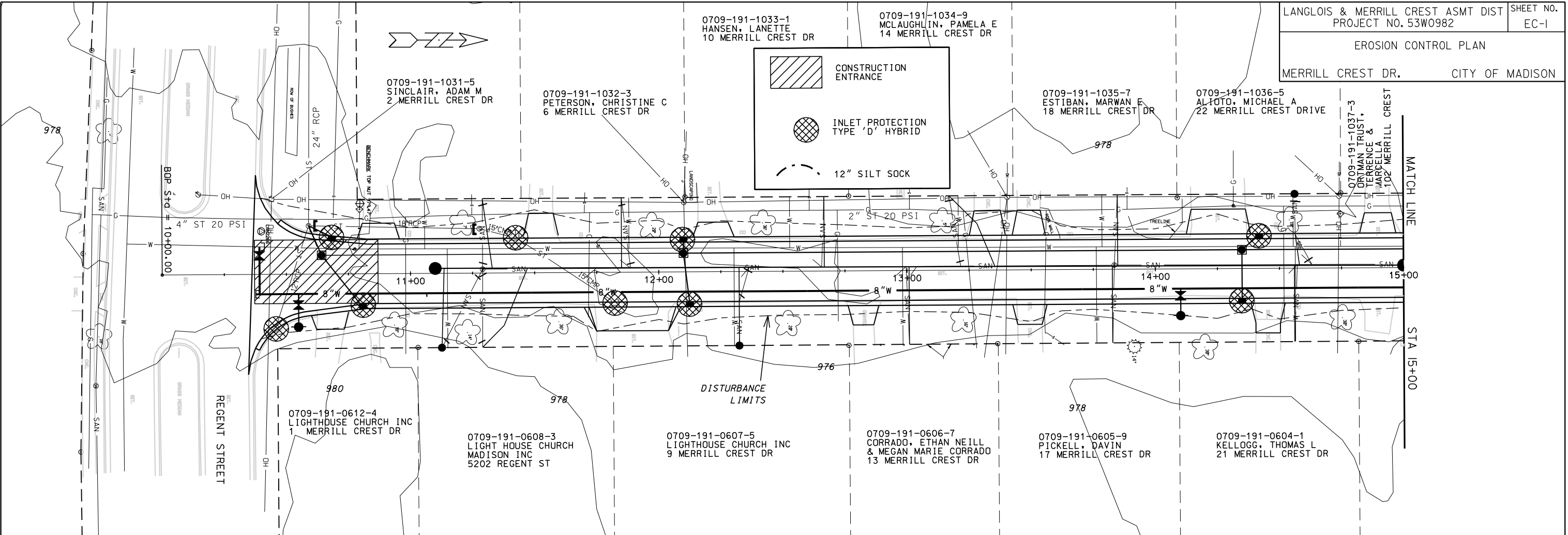
0709-191-0605-9  
 PICKELL, DAVIN  
 17 MERRILL CREST DR

0709-191-0604-1  
 KELLOGG, THOMAS L  
 21 MERRILL CREST DR

**CONSTRUCTION ENTRANCE**

**INLET PROTECTION TYPE 'D' HYBRID**

**12" SILT SOCK**



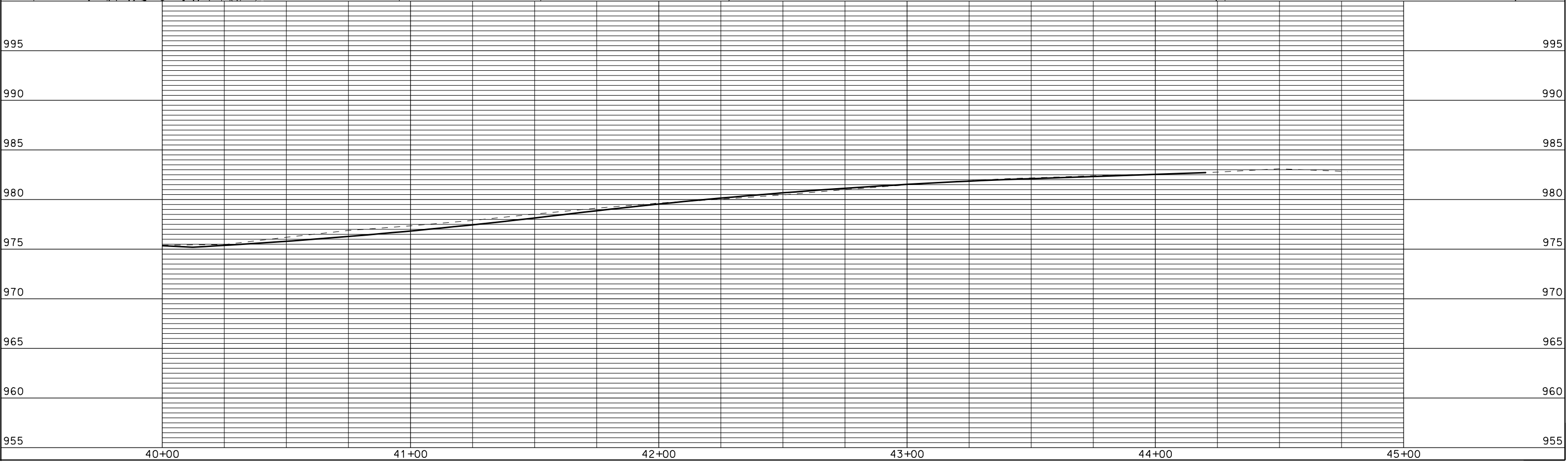
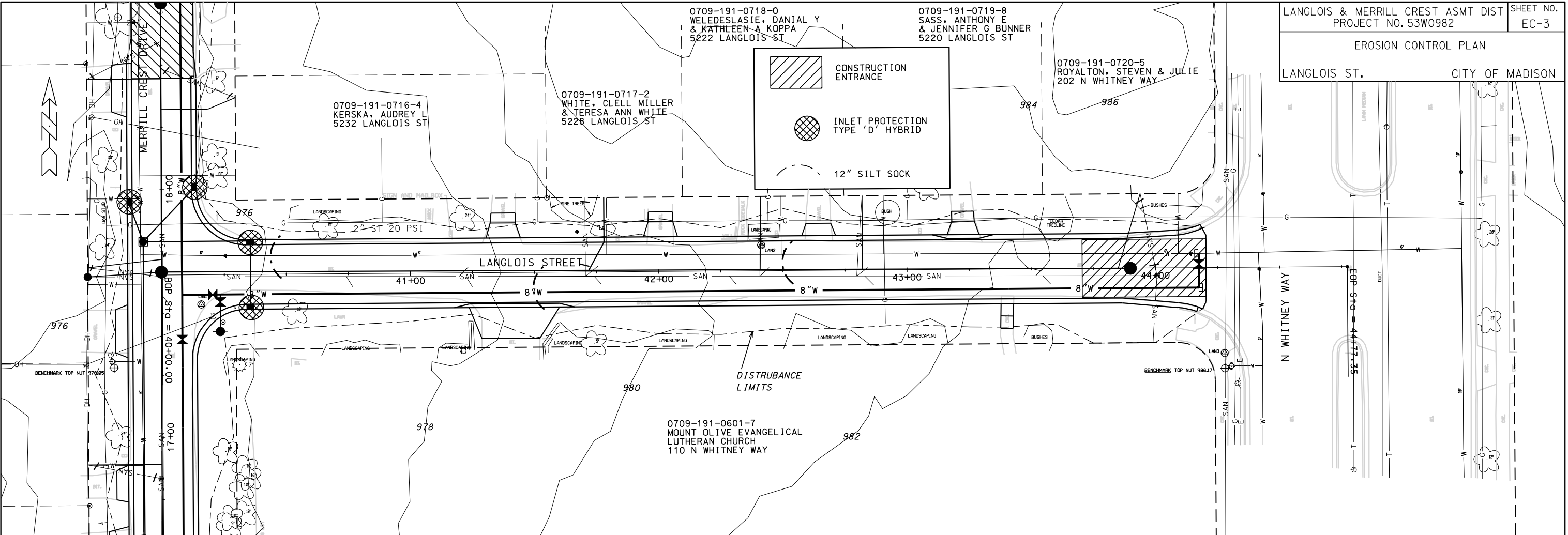
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PLOT NAME: .....

REV. DATE: .....

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



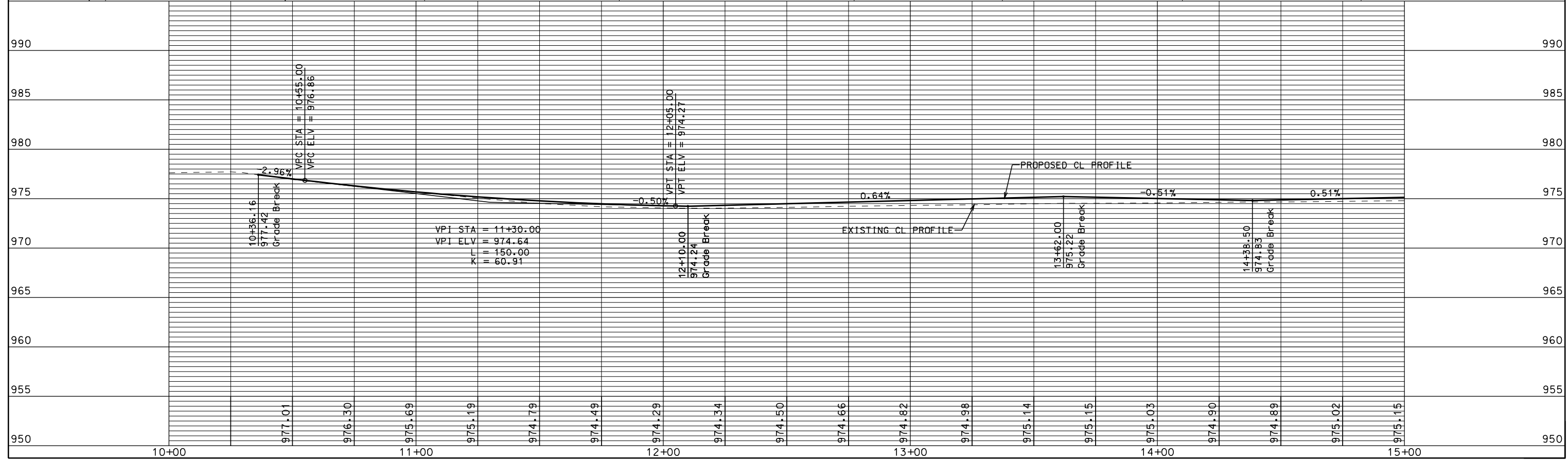
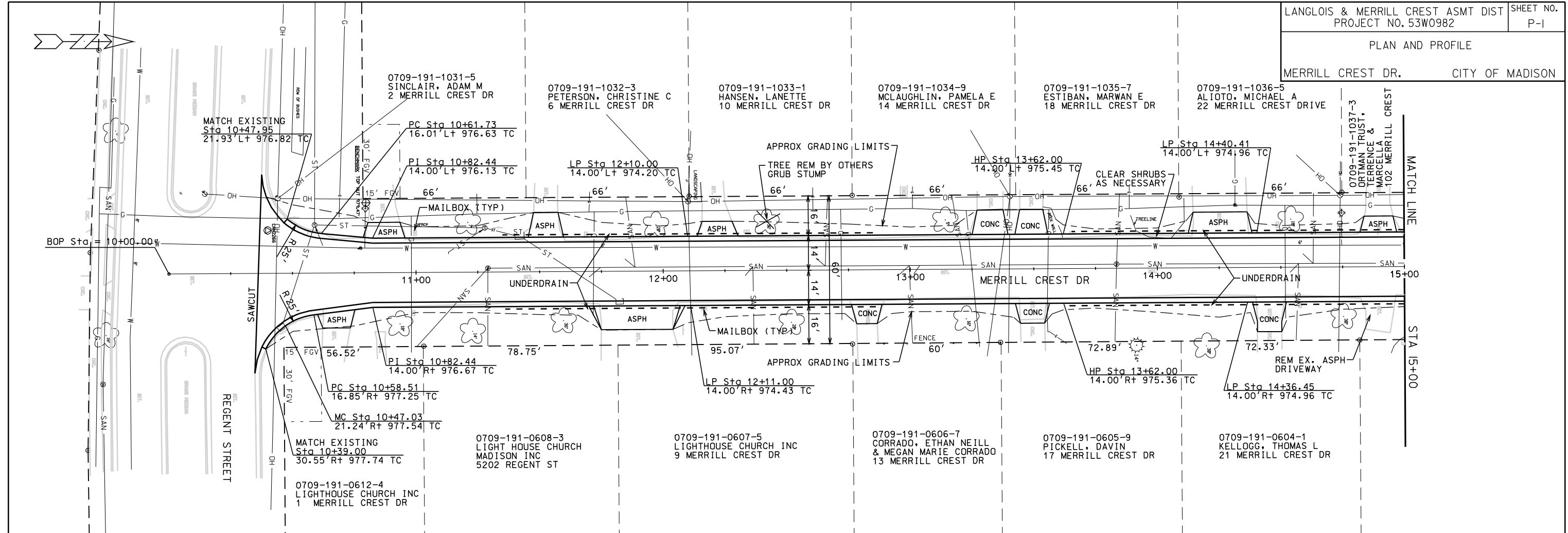


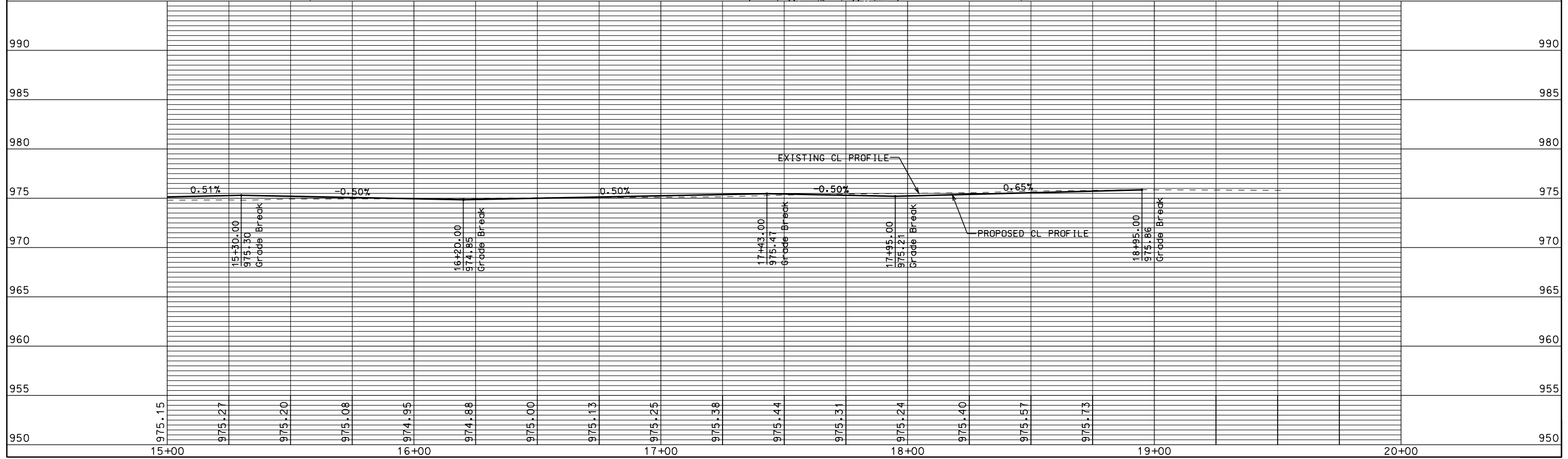
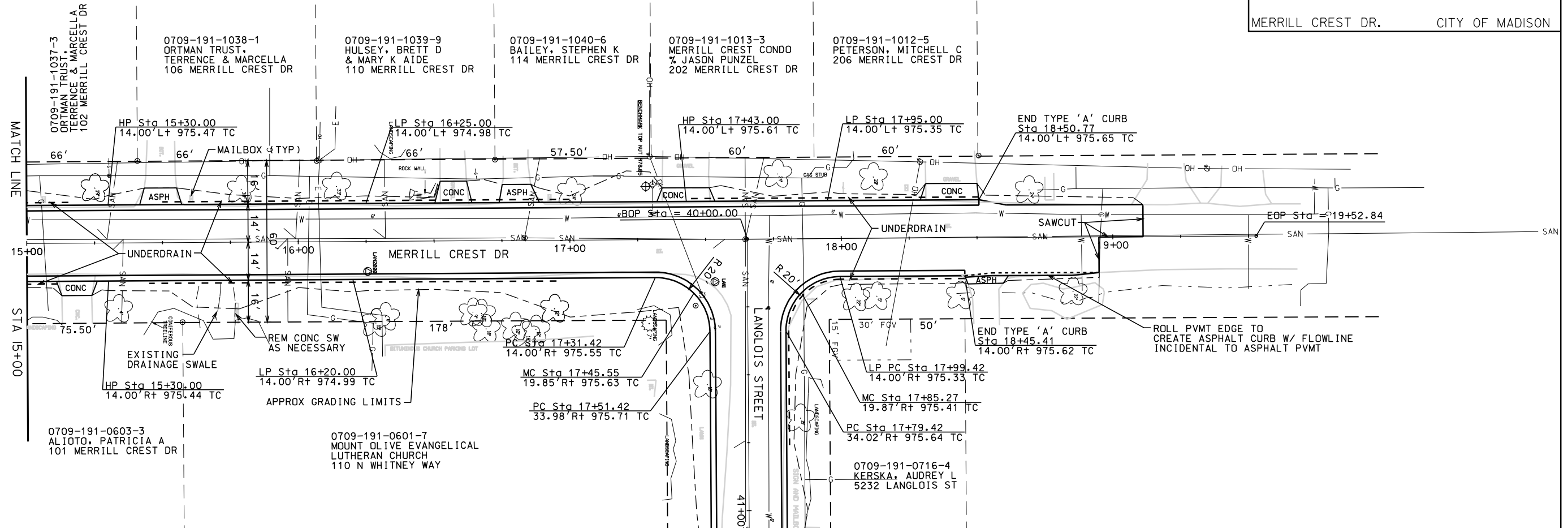
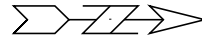
PLOT SCALE: .....

PLOT NAME: .....

REV. DATE: .....

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





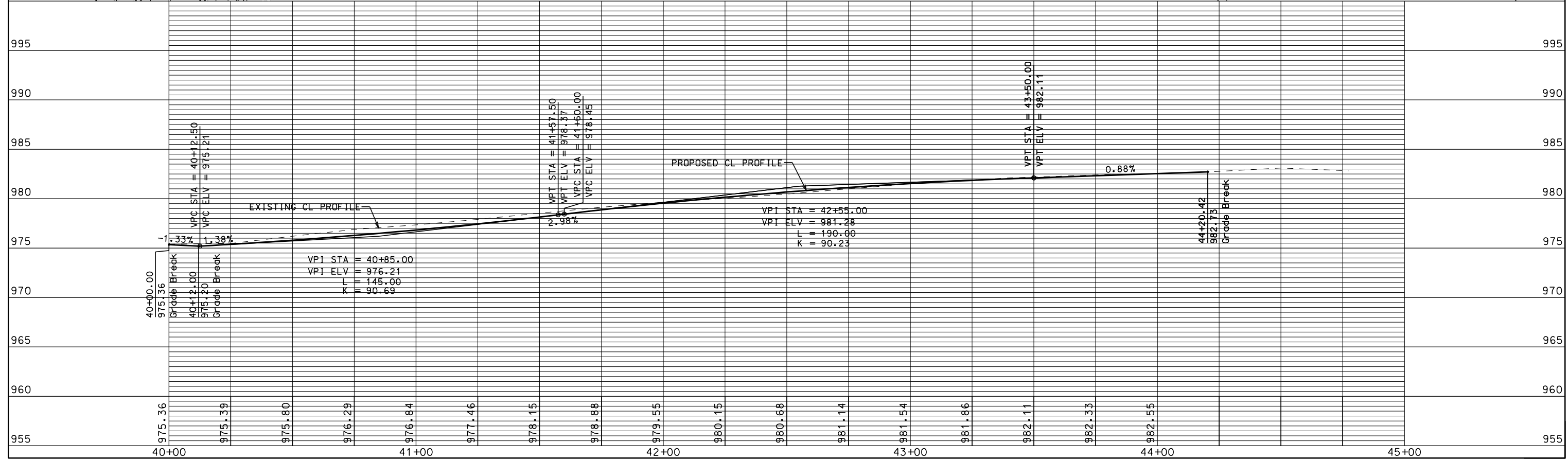
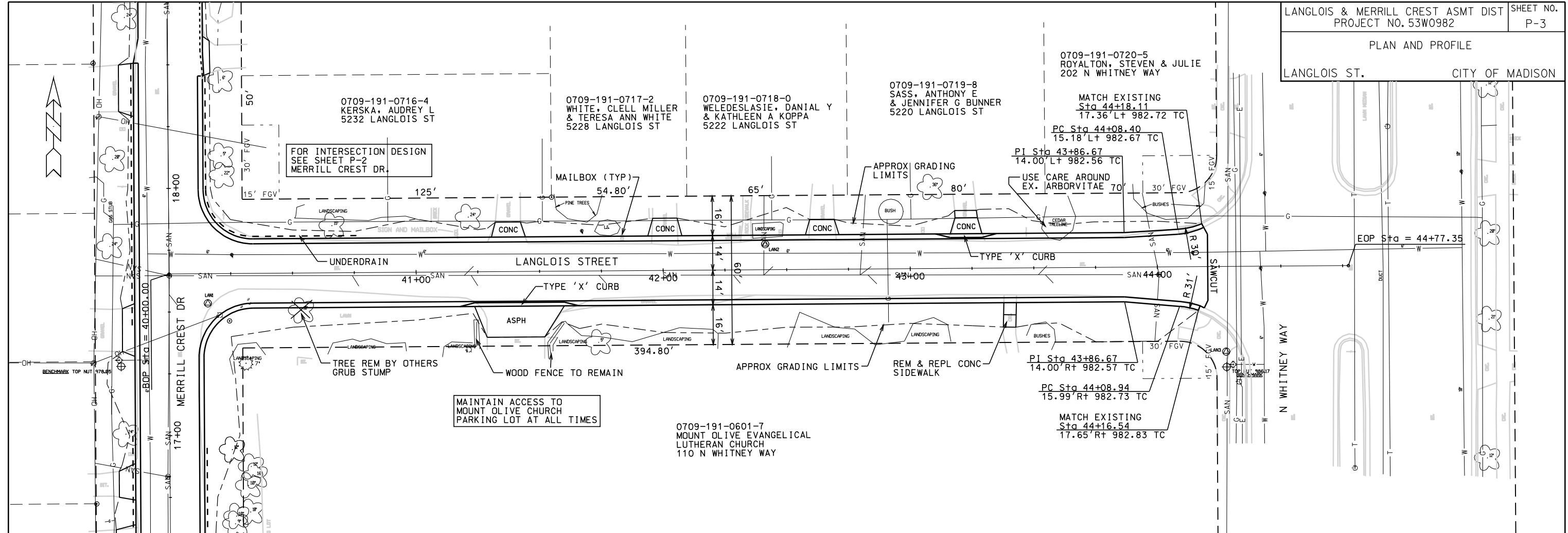
PLOT SCALE: 1"=40'

PLOT NAME: RCP02001

REV. DATE: 4/9/2012

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

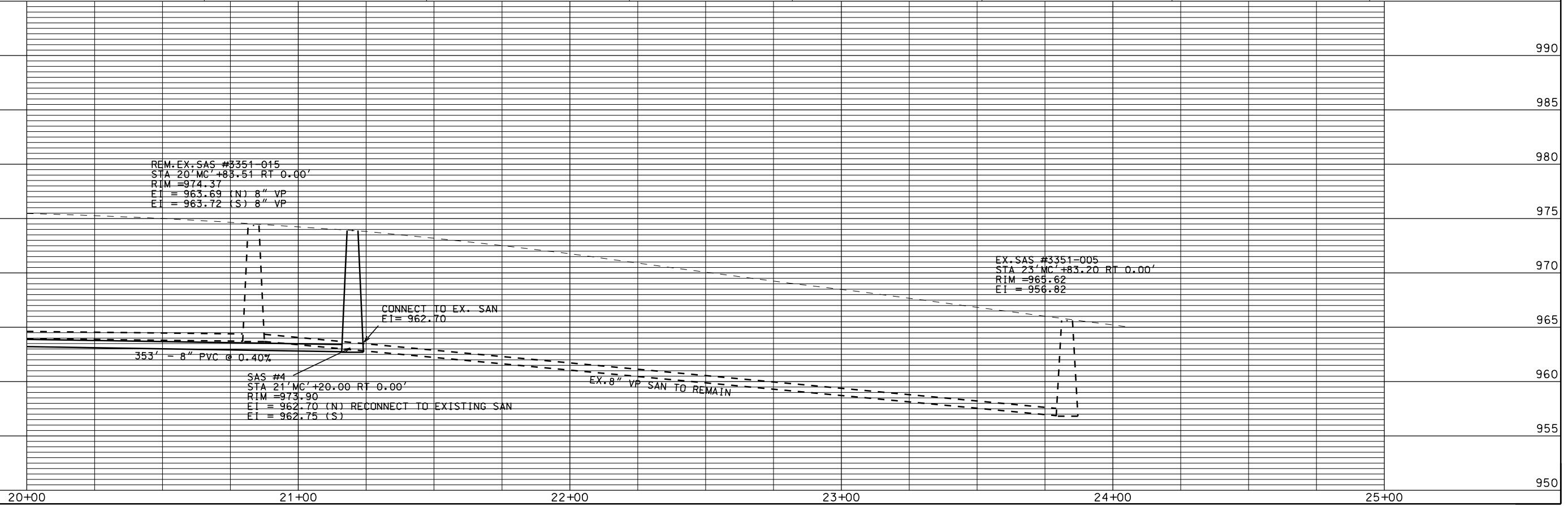
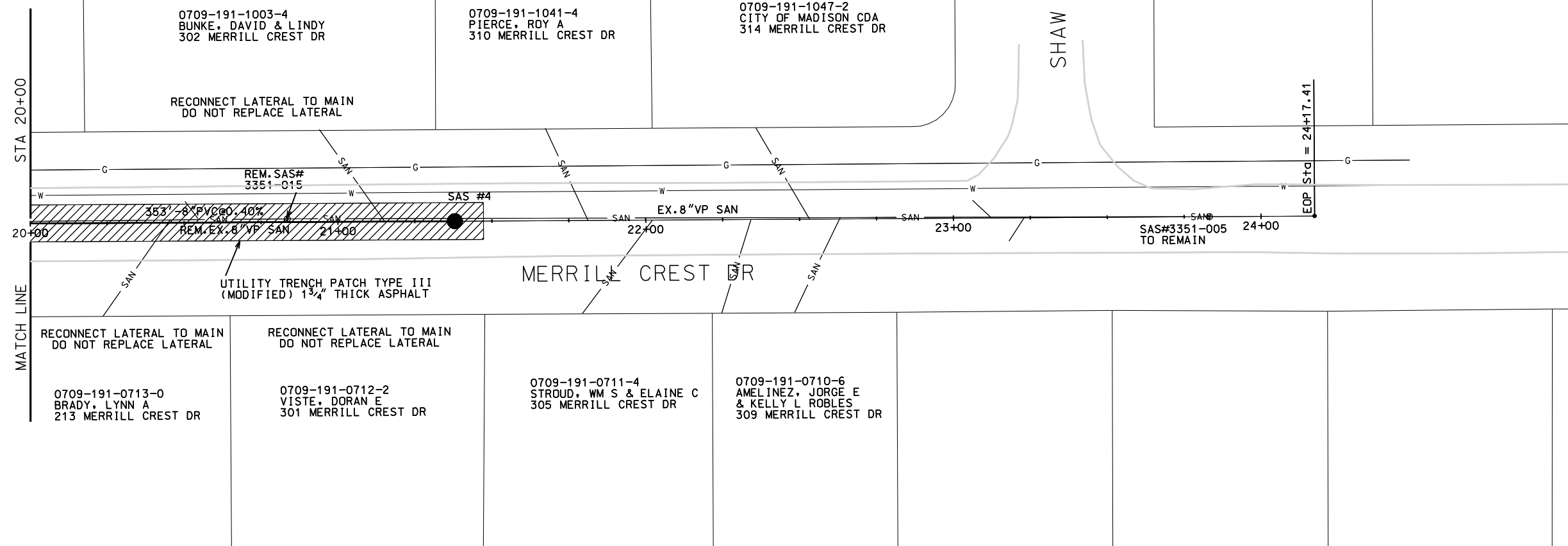
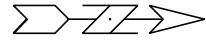




PLOT SCALE: .....  
 PLOT NAME: .....  
 REV. DATE: .....  
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION





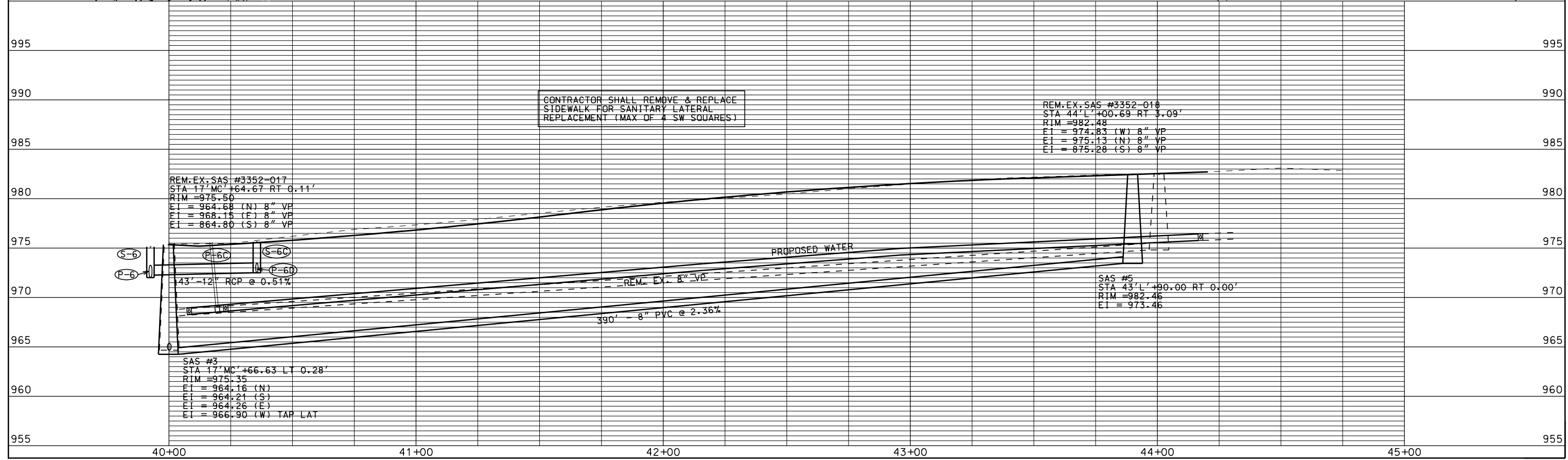
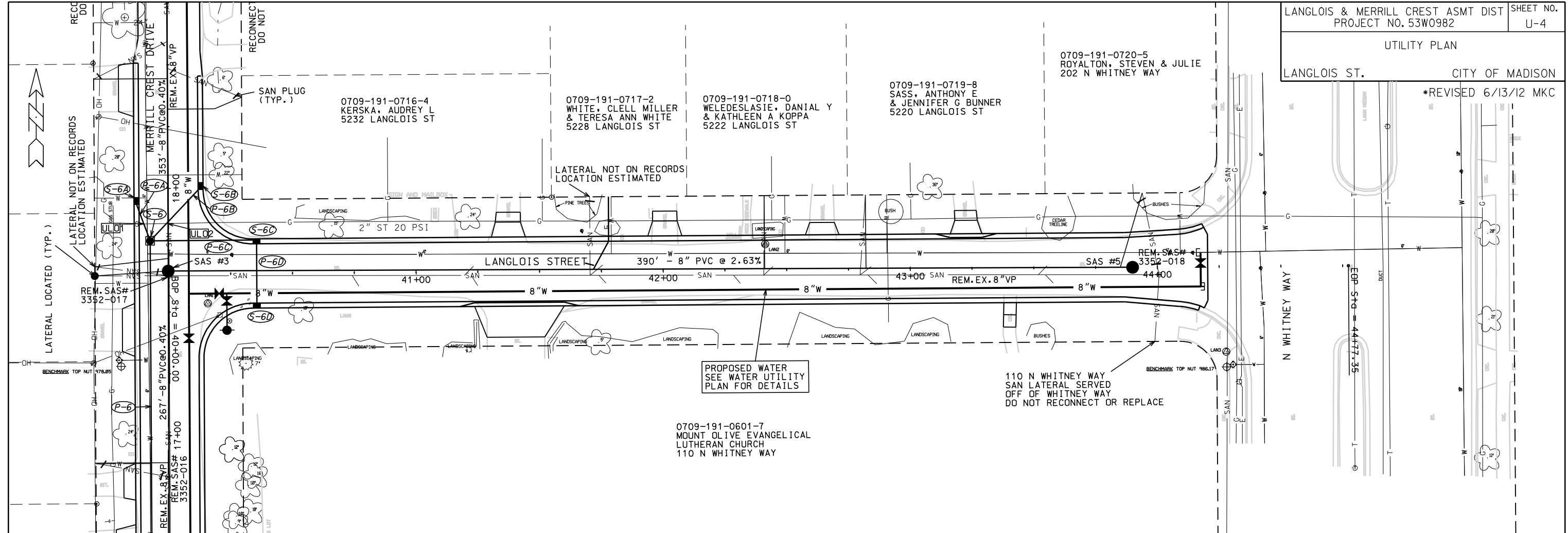


PLOT SCALE: 1"=40'

PLOT NAME: MERRILL CREST

REV. DATE: 6/13/12

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: 1" = 40'

PLOT NAME: LANGLOIS ST. SANITARY LATERAL

REV. DATE: 6/13/12

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

# STORM SEWER SCHEDULE

## ALIGNMENT CODES:

'MC' = MERRILL CREST ST  
'L' = LANGLOIS ST

LANGLOIS & MERRILL CREST ASMT DIST	SHEET NO.
PROJECT NO. 53W0982	U-5
STORM SEWER SCHEDULE	
CITY OF MADISON	

### PROPOSED STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
* S-1	10'MC'+65.23	LT-7.50	3'X3'-SAS	976.35	968.19	8.16	W/ R-1550-0054
* S-1A	10'MC'+68.46	LT-14.86	<b>3'X3' SAS</b>	976.46	<b>968.19</b>	<b>8.27</b>	W/ R-3067-7004
S-1B	10'MC'+80.89	RT-13.69	H INLET	976.67	973.34	3.33	W/ R-3067-7004
S-2	12'MC'+10.00	LT-7.50	3'X3' SAS	973.98	968.92	5.06	W/ R-1550-0054
S-2A	12'MC'+10.00	LT-14.00	H INLET	974.20	970.87	3.33	W/ R-3067-7004
S-2B	12'MC'+12.50	RT-14.00	H INLET	974.43	971.10	3.33	W/ R-3067-7004
S-3	14'MC'+34.95	LT-7.50	3'X3' SAS	974.71	970.05	4.66	W/ R-1550-0054
S-3A	14'MC'+41.91	LT-14.00	H INLET	974.96	971.63	3.33	W/ R-3067-7004
S-3B	14'MC'+34.95	RT-14.00	H INLET	974.96	971.63	3.33	W/ R-3067-7004
** S-4	15'MC'+70.76	LT-7.50	3'X3' SAS	974.95	<b>970.57</b>	<b>4.38</b>	W/ R-1550-0054
S-4A	15'MC'+70.76	RT-18.36	H INLET	974.22	971.24	2.98	(1), FP, W/ R-1878-B7G
** S-5	16'MC'+20.00	LT-7.50	3'X3' SAS	974.70	<b>970.75</b>	<b>3.95</b>	W/ R-1550-0054
S-5A	16'MC'+25.00	LT-14.00	H INLET	974.98	971.65	3.33	W/ R-3067-7004
S-5B	16'MC'+20.00	RT-14.00	H INLET	974.99	971.66	3.33	W/ R-3067-7004
S-6	17'MC'+78.87	LT-7.50	3'X3' SAS	975.14	972.03	3.11	FP, W/ R-1550-0054
S-6A	17'MC'+95.00	LT-14.00	H INLET	975.35	972.37	2.98	FP, W/ R-3067-7004
S-6B	18'MC'+00.92	RT-14.00	H INLET	975.33	972.43	2.90	FP, W/ R-3067-7004
S-6C	17'MC'+79.42	RT-35.52	H INLET	975.64	972.50	3.14	W/ R-3067-7004-V
S-6D	17'MC'+51.42	RT-35.48	H INLET	975.71	972.64	3.07	W/ R-3067-7004-V

### PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
* P-1	AS 3352-028	S-1	13	967.93	968.19	2.00%	18"	RCP	
* P-1A	AS 3352-028	S-1A	11	<b>967.93</b>	<b>968.19</b>	<b>2.36%</b>	12"	RCP	NCM
* P-1B	<b>S-1A</b>	S-1B	<b>31</b>	972.53	973.34	2.61%	12"	RCP	NCM
* P-2	<b>S-1A</b>	S-2	<b>142</b>	968.19	968.92	0.51%	18"	RCP	
P-2A	S-2	S-2A	6	970.62	970.87	4.17%	12"	RCP	NCM
P-2B	S-2	S-2B	21	970.62	971.10	2.29%	12"	RCP	NCM
P-3	S-2	S-3	225	968.92	970.05	0.50%	18"	RCP	
P-3A	S-3	S-3A	9	971.38	971.63	2.78%	12"	RCP	NCM
P-3B	S-3	S-3B	21	971.38	971.63	1.19%	12"	RCP	NCM
** P-4	S-3	S-4	136	970.05	<b>970.57</b>	<b>0.38%</b>	18"	RCP	
** P-4A	S-4	S-4A	26	<b>970.82</b>	971.24	<b>1.62%</b>	15"	RCP	
** P-5	S-4	S-5	49	<b>970.57</b>	<b>970.75</b>	<b>0.37%</b>	15"	RCP	NCM
** P-5A	S-5	S-5A	8	<b>971.25</b>	971.65	<b>5.00%</b>	12"	RCP	
** P-5B	S-5	S-5B	21	<b>971.25</b>	971.66	<b>1.95%</b>	12"	RCP	
** P-6	S-5	S-6	159	<b>971.00</b>	972.03	<b>0.65%</b>	15"	RCP	NCM
P-6A	S-6	S-6A	17	972.28	972.37	0.53%	12"	RCP	
P-6B	S-6	S-6B	30	972.28	972.43	0.50%	12"	RCP	
P-6C	S-6	S-6C	43	972.28	972.50	0.51%	12"	RCP	
P-6D	S-6C	S-6D	27	972.50	972.64	0.52%	12"	RCP	

\*REVISED 6/13/12 MKC

\*\*REVISED 7/11/12 MKC

### STORM SEWER STRUCTURE REMOVALS

REMOVAL NO.	STRUC. ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
R-1	IN 3353-049	10'MC'+46.03	RT-20.18	INLET	
R-2	AS 3352-026	11'MC'+27.86	LT-17.92	4'X5' SAS	
R-3	IN 3352-031	11'MC'+43.87	LT-13.33	INLET	
R-4	IN 3352-032	11'MC'+80.86	RT-11.50	INLET	

### PIPE REMOVALS

REMOVAL NO.	REMOVE FROM	REMOVE TO	LENGTH (FT)	PAID (Y/N)	PIPE SIZE	TYPE	NOTES
RP-1	AS 3352-028	R-1	41	Y	12"	RCP	
RP-2	R-2	R-3	12	Y	15"	CMP	
RP-3	R-3	R-4	45	Y	15"	CMP	

### ULOs

NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
ULO#1	17'MC'+85.70	LT-10.00	GAS	
ULO#2	17'MC'+86.84	LT-.91	GAS	
* ULO#3	<b>16'MC'+07.90</b>	<b>LT-7.50</b>	<b>ELEC</b>	

### PIPE ABANDONS

ABAN NO.	ABAN FROM	ABAN TO	LENGTH (FT)	PIPE SIZE	TYPE	NOTES
AP-1	AS 3352-028	R-2	70	18"	RCP	W/ PIPE PLUGS

### SPECIFIC NOTES:

(1) DEPRESS INLET 1' BELOW PROPOSED GRADE TO FACILITATE DRAINAGE TO INLET, ALSO, GRADE SUCH THAT OVERFLOW IS OVER CURB AND TO STREET

### 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 MAX CONWAY OF CITY ENGINEERING AT (608) 261-9127 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608) 264-9275

# SANITARY SCHEDULE

## ALIGNMENT CODES:

'MC' = MERRILL CREST ST  
'L' = LANGLOIS ST

LANGLOIS & MERRILL CREST ASMT DIST	SHEET NO.
PROJECT NO. 53W0982	U-6
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

### PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
* SAS#1	11'MC'+10.00	LT-2.00	975.42	966.89	8.53	INSTALL CHIMNEY SEAL
* SAS#2	15'MC'+00.00	LT-1.00	975.07	965.28	9.79	INSTALL CHIMNEY SEAL
* SAS#3	17'MC'+66.63	LT-.28	975.35	964.16	11.19	INSTALL CHIMNEY SEAL
* SAS#4	21'MC'+20.00	CL	973.90	962.70	11.20	
SAS#5	43'L'+90.00	CL	982.46	973.46	9.00	

### PROPOSED SANITARY PIPES

FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	EI # (DWNSTRM)	EI # (UPSTRM)	LENGTH (FT)	SLOPE (%)	SIZE (DIA)	PVC TYPE	NOTES:
* SAS#2	SAS#1	965.33	966.89	390	0.40%	8"	SDR-35	
* SAS#3	SAS#2	964.21	965.28	267	0.40%	8"	SDR-35	
* SAS#4	SAS#3	962.75	964.16	353	0.40%	8"	SDR-35	
* SAS#3	SAS#5	964.26	973.46	390	2.36%	8"	SDR-35	

\*REVISED 6/13/12 MKC

### SANITARY SEWER STRUCTURE REMOVALS

STRUC. ID NO.	STATION	LOCATION (OFFSET)	NOTES
3352-014	11'MC'+29.04	LT-1.58	
3352-015	13'MC'+83.51	LT-1.68	
3352-016	16'MC'+83.40	LT-.93	
3352-017	17'MC'+64.67	RT-.11	
3352-018	44'L'+00.69	RT-3.09	

### SANITARY SEWER PIPE REMOVALS

REMOVE FROM	REMOVE TO	LENGTH (FT)	PAID (Y/N)	NOTES
* SAS#4	3352-017	353	N	
3352-017	3352-018	400	N	
3352-017	3352-016	89	N	
3352-016	3352-015	300	N	
3352-015	3352-014	255	N	

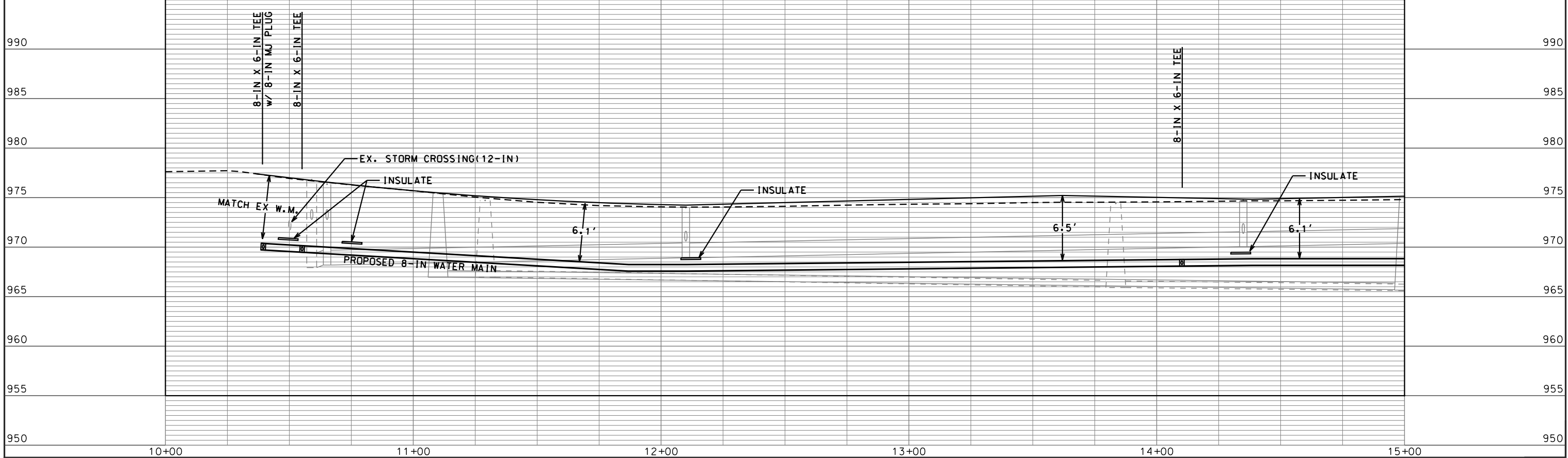
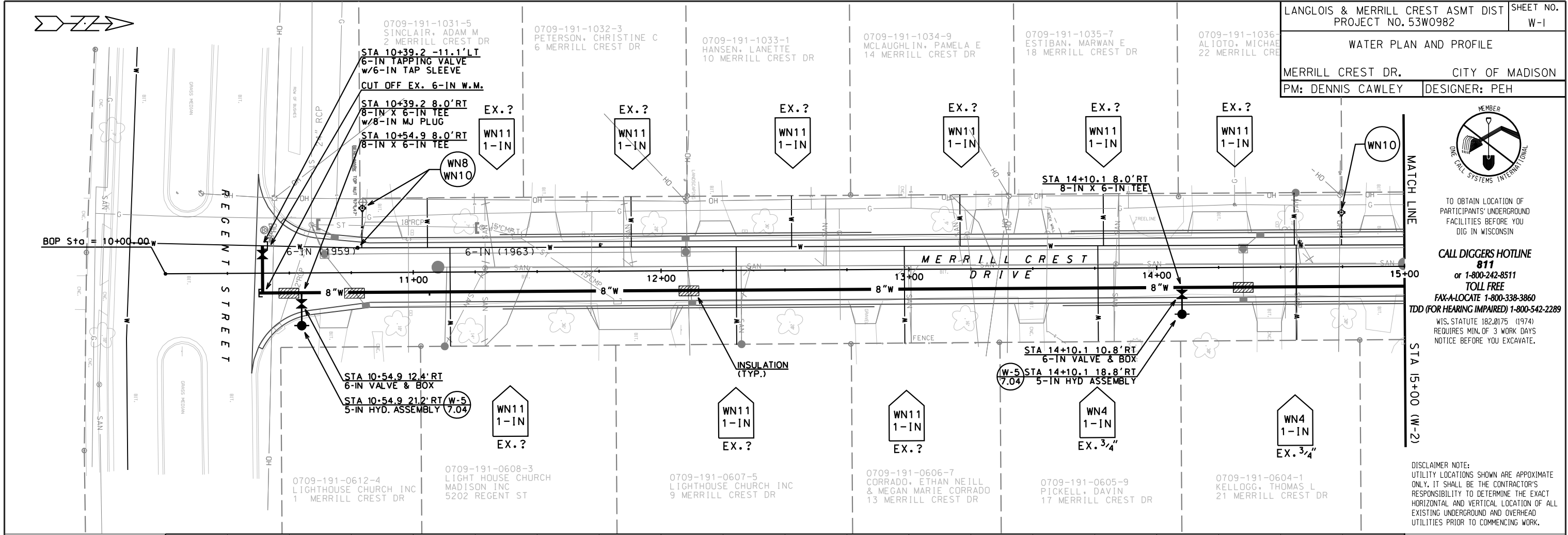
### ULOs

NO.	STATION	LOCATION (OFFSET)	TYPE
* ULO#4	16'MC'+08.00	LT-.68	ELEC



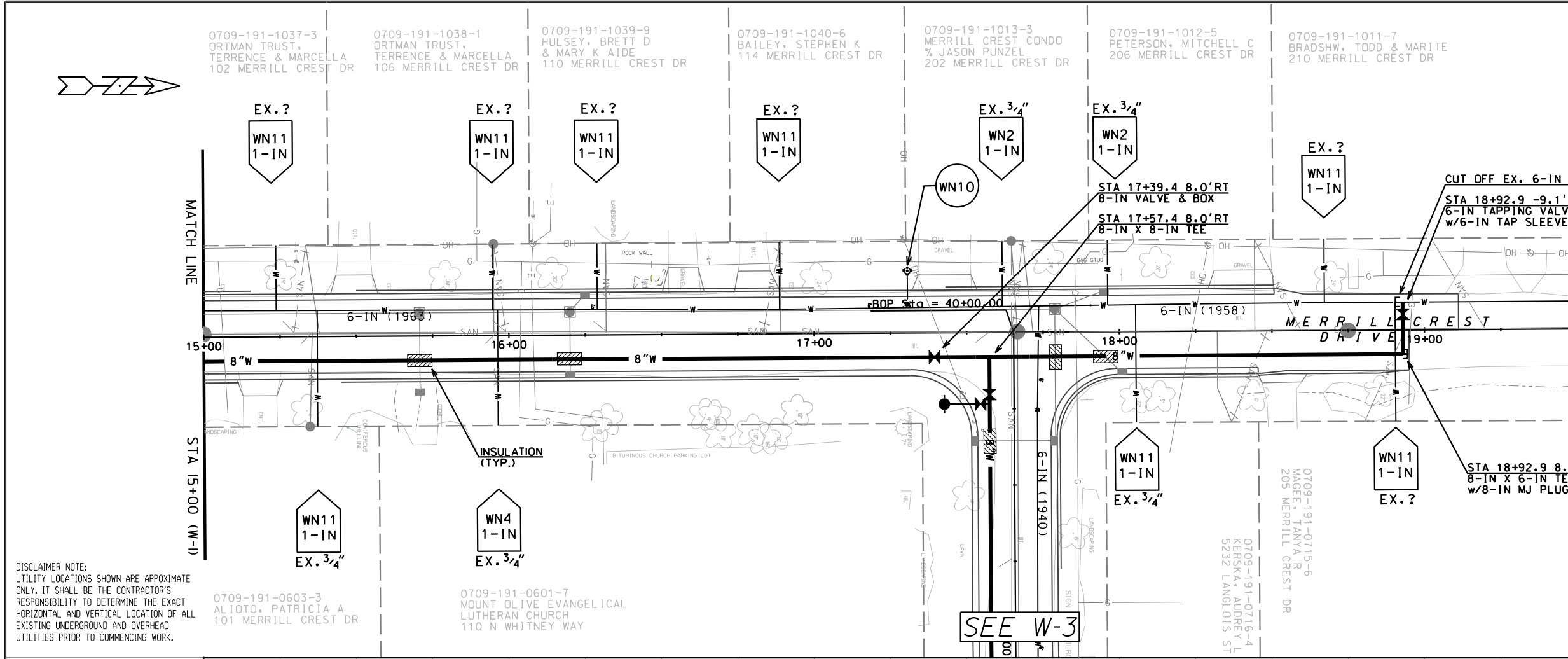
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN  
**CALL DIGGERS HOTLINE 811**  
or 1-800-242-8511  
TOLL FREE  
FAX-A-LOCATE 1-800-338-3860  
TDD (FOR HEARING IMPAIRED) 1-800-542-2289  
WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

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



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





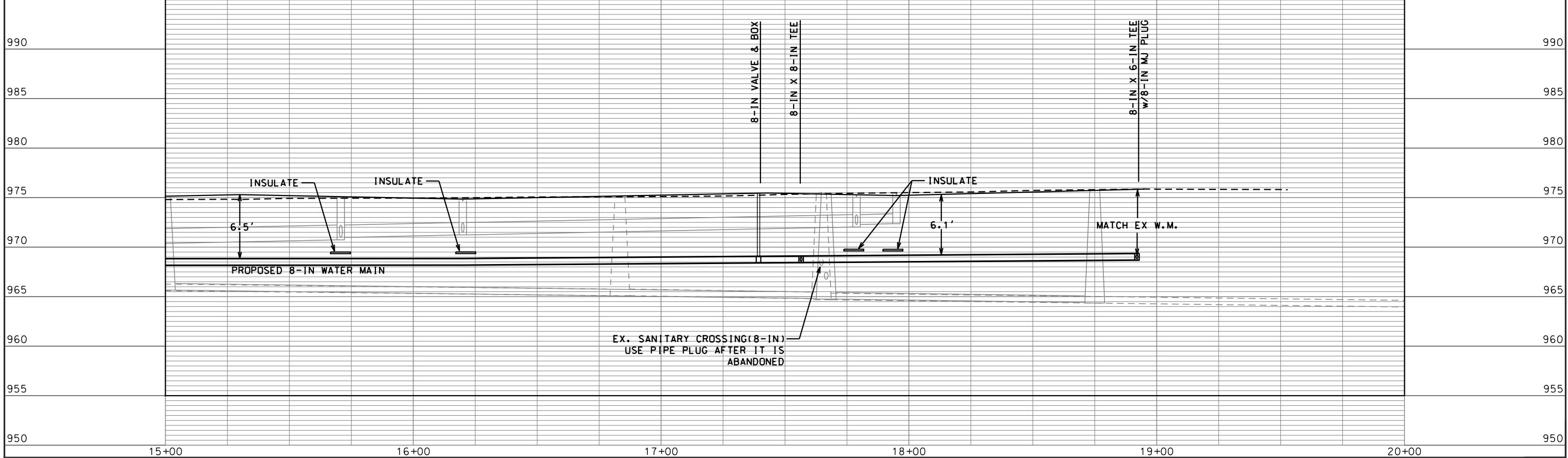
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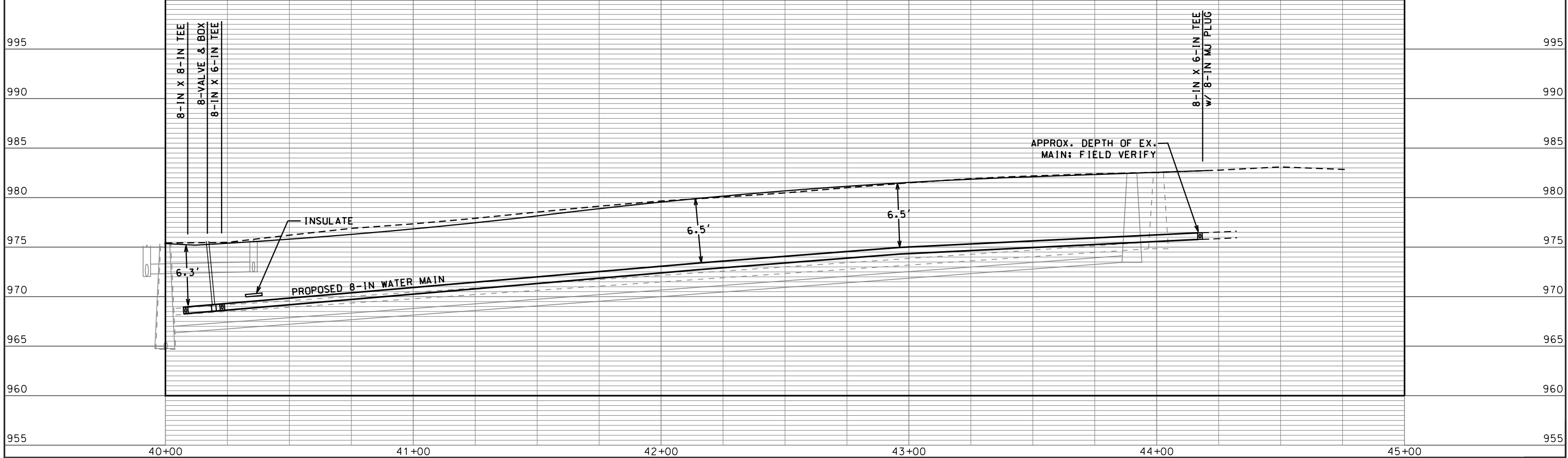
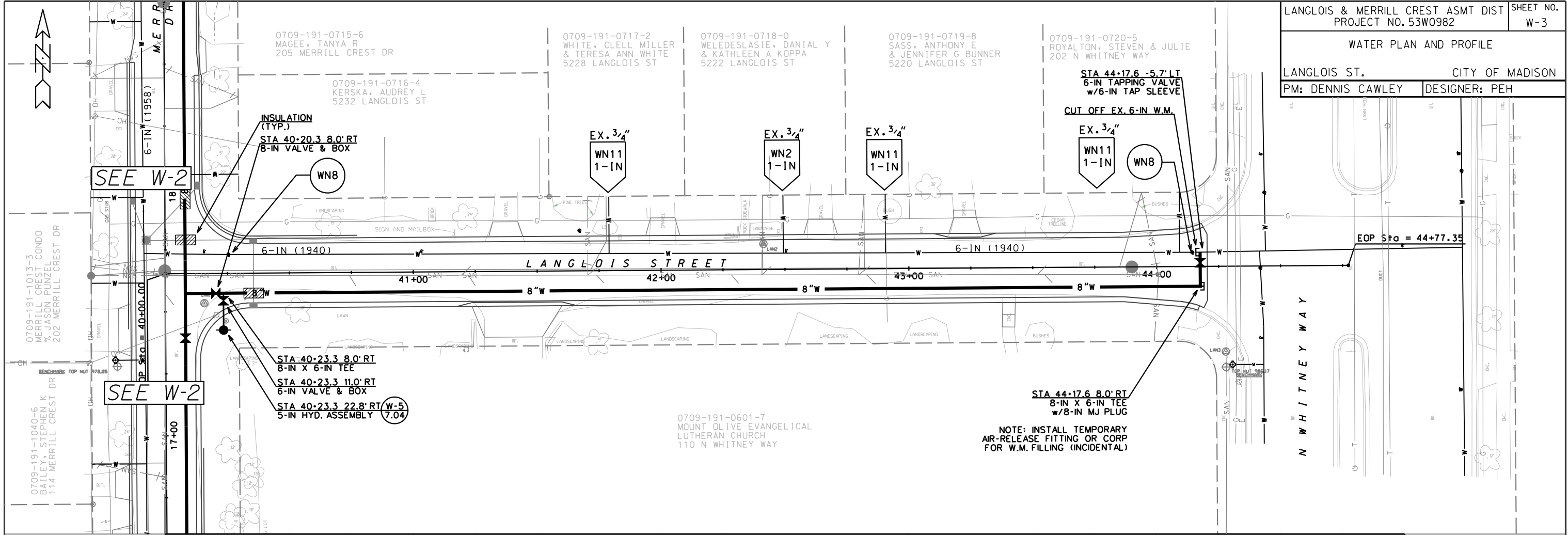
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

**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.



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

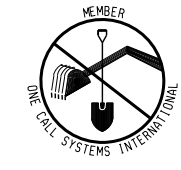


REV. DATE: ..... PLOT NAME: ..... PLOT SCALE: .....  
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION



**CONSTRUCTION NOTES:**

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



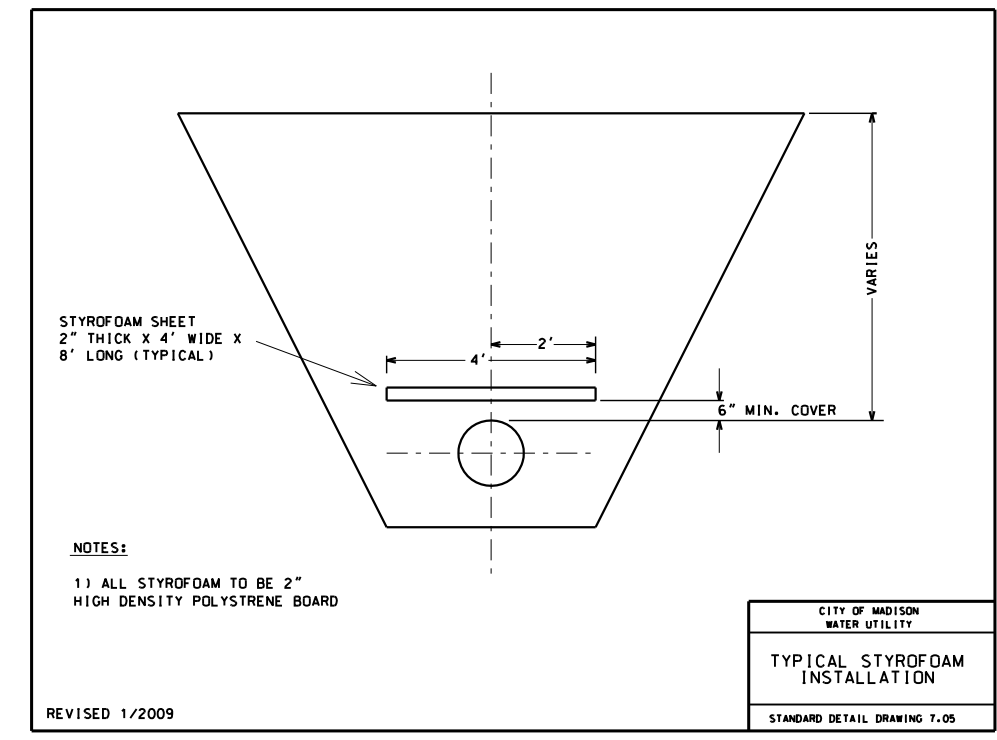
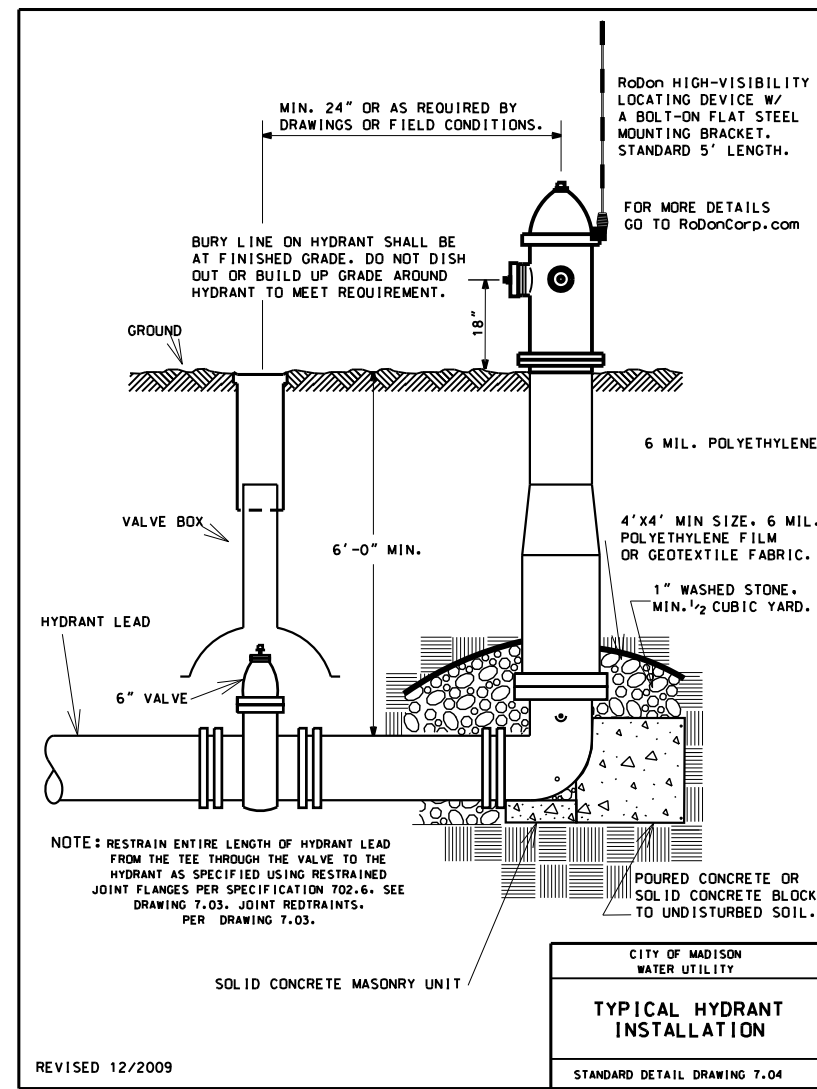
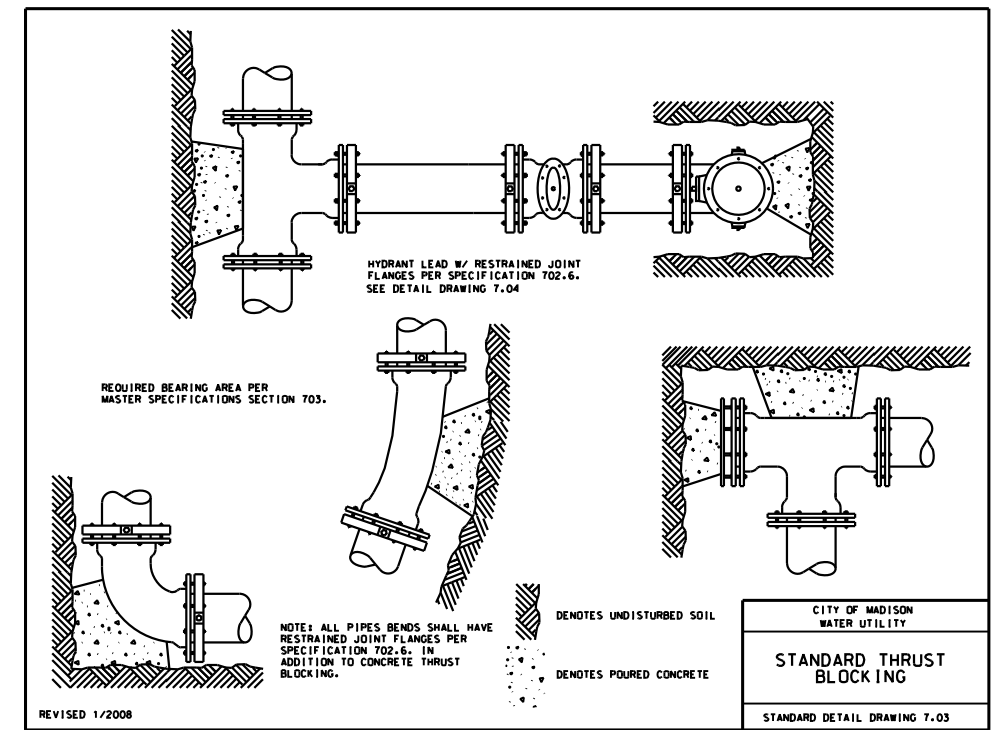
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**ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:**

- ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.
- 108-FT - 6-IN PIPE
- 1278-FT - 8-IN PIPE
- 1525-FT - POLYWRAP
- 1400-FT - SELECT FILL
- 3 - 6-IN VALVE AND BOX
- 2 - 8-IN VALVE AND BOX
- 6 - 8-IN X 6-IN TEE
- 1 - 8-IN X 8-IN TEE
- 3 - 6-IN CAP
- 3 - 8-IN MJ PLUG
- 3 - 5-IN HYDRANT
- 1-IN COPPER TUBING (AS REQUIRED)
- 1 1/2-IN COPPER TUBING (AS REQUIRED)
- 2-IN COPPER TUBING (AS REQUIRED)
- 56-FT - 2-IN STYROFOAM INSULATION

**MATERIALS SUPPLIED BY CITY:**

- 3 - 6-IN X 6-IN TAPPING SLEEVE
- 3 - 6-IN TAPPING VALVE AND BOX



PLOT SCALE:

PLOT NAME:

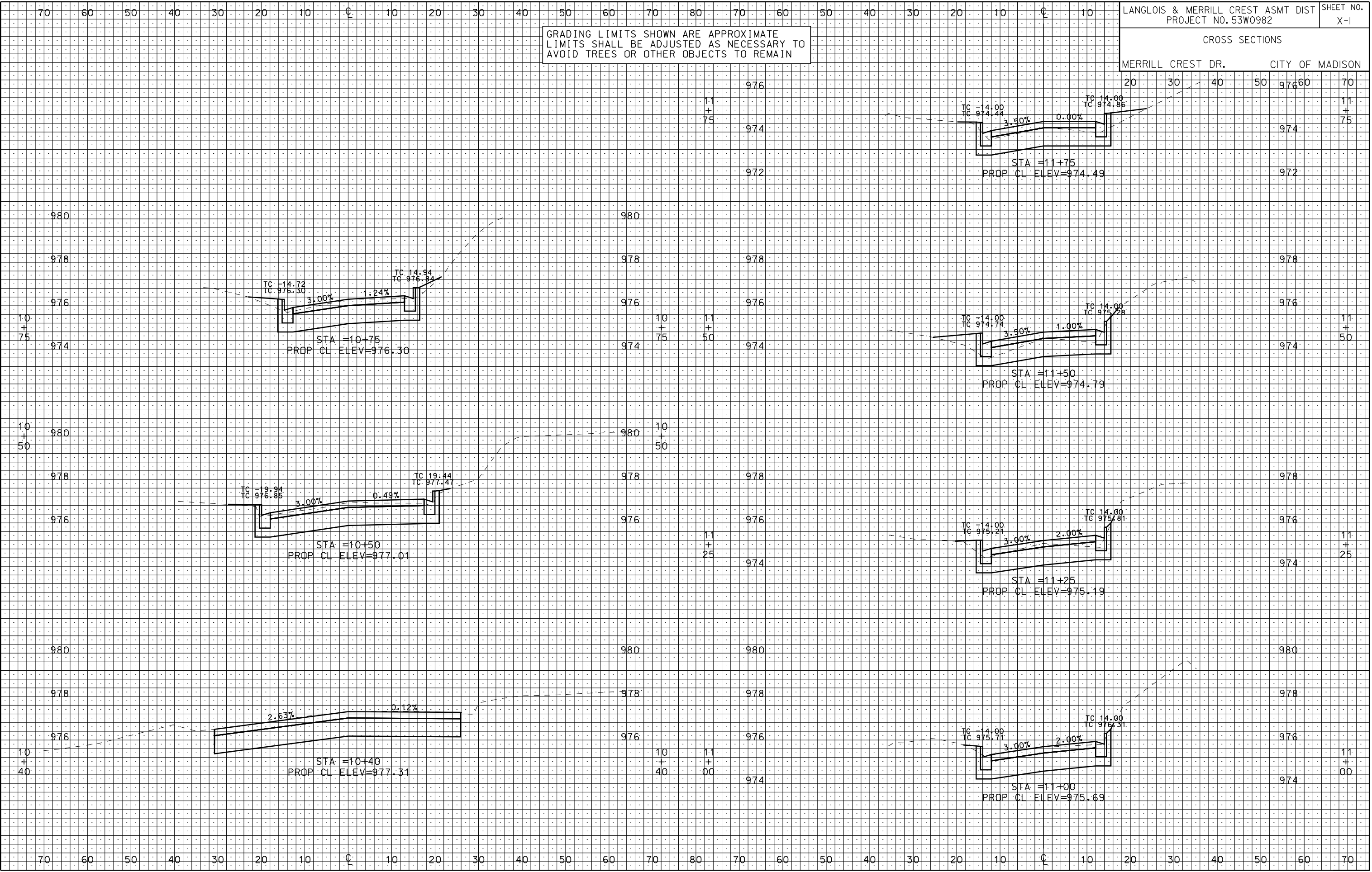
REV. DATE:

ORIGINATOR:

CROSS SECTIONS

MERRILL CREST DR. CITY OF MADISON

GRADING LIMITS SHOWN ARE APPROXIMATE  
LIMITS SHALL BE ADJUSTED AS NECESSARY TO  
AVOID TREES OR OTHER OBJECTS TO REMAIN



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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

70 60 50 40 30 20 10 C 10 20 30 40 50 60 70 80 70 60 50 40 30 20 10 C 10

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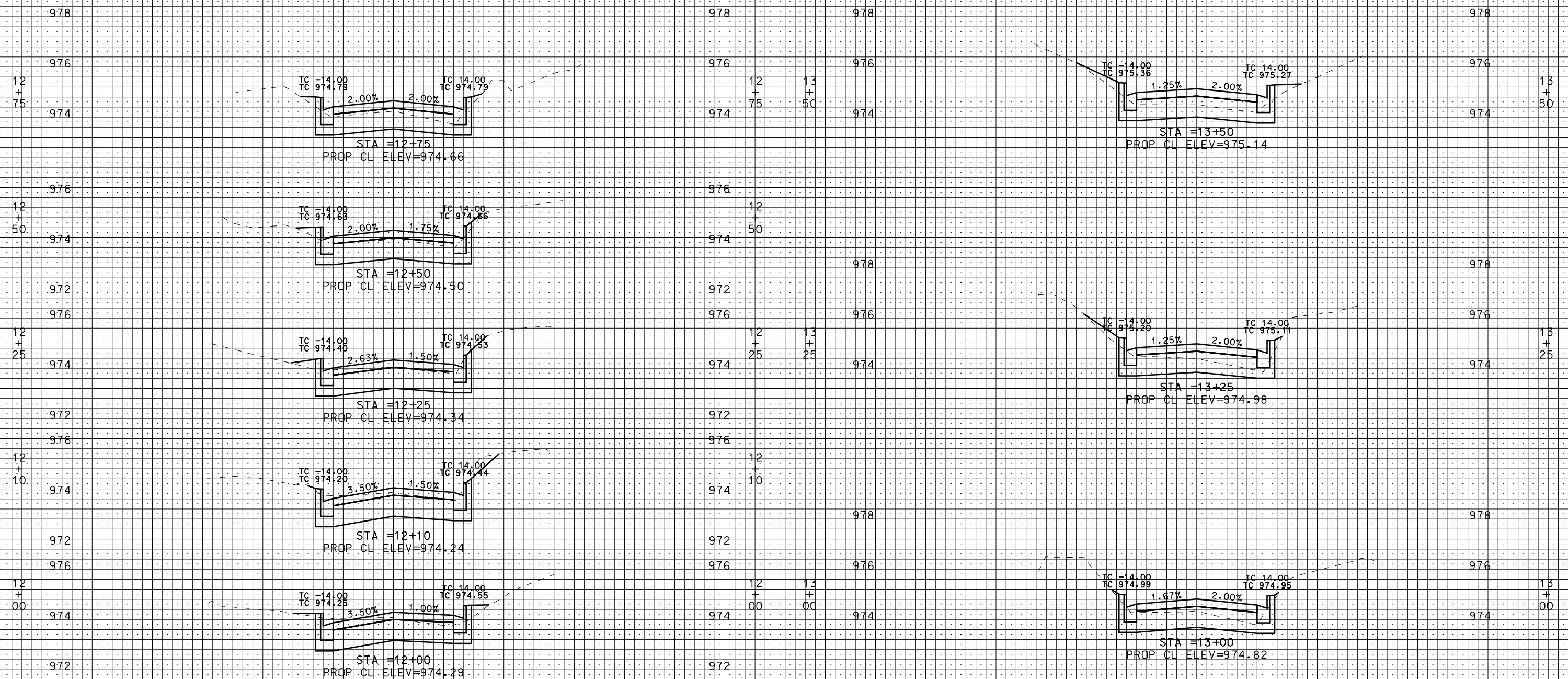
CROSS SECTIONS MERRILL CREST DR. CITY OF MADISON

20 30 40 50 60 70

PLOT SCALE: .....

PLOT NAME: .....

REV. DATE: .....



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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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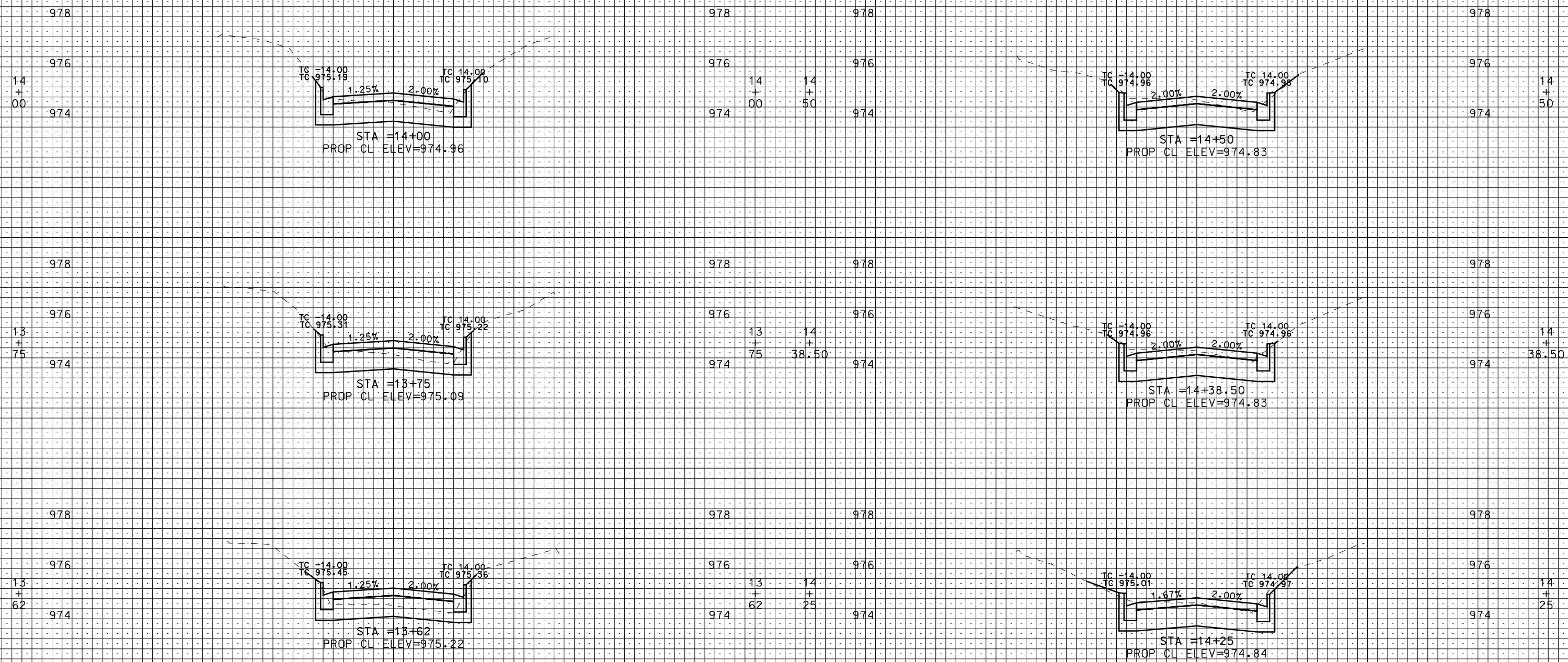
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CROSS SECTIONS  
LANGLOIS ST. CITY OF MADISON

20 30 40 50 60 70

PLOT SCALE: 1"=40'

REV. DATE:



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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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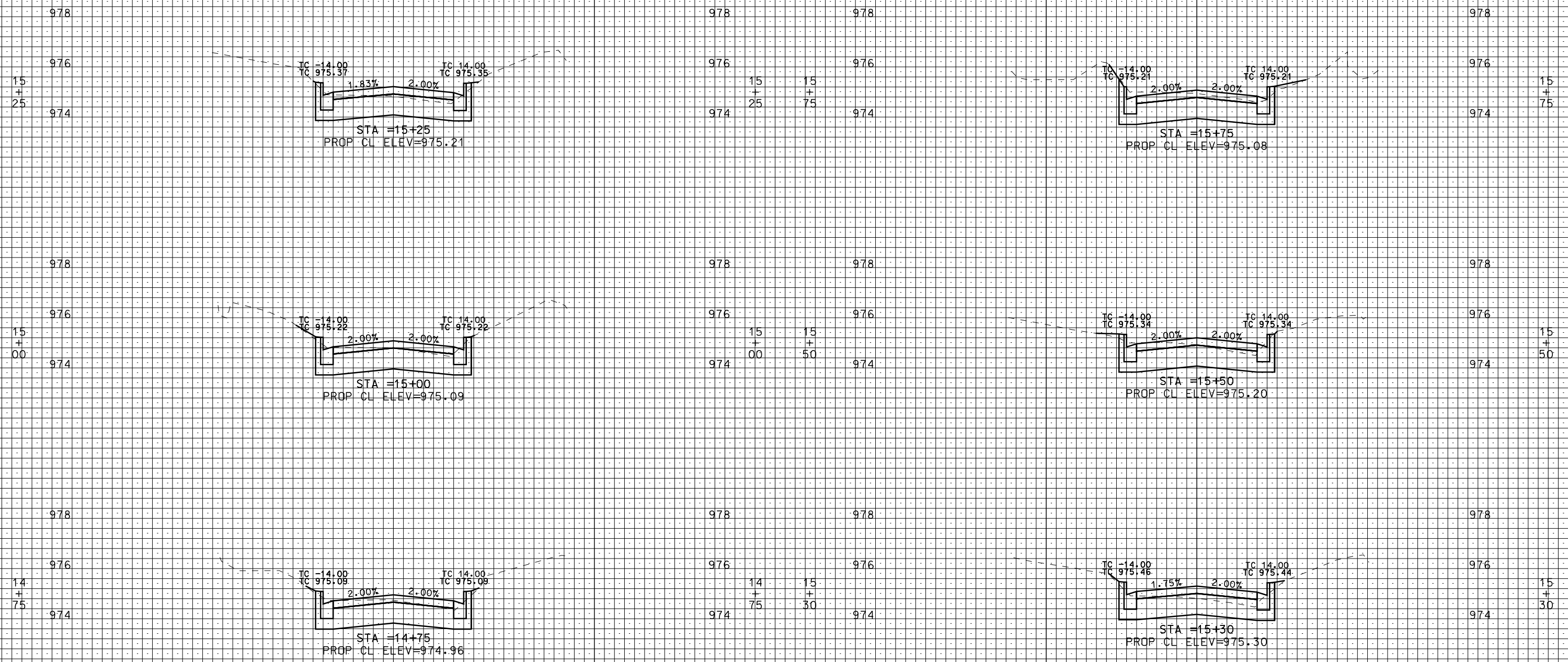
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20 30 40 50 60 70

PLOT SCALE: PLOT NAME:

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70 60 50 40 30 20 10 C 10 20 30 40 50 60 70 80 70 60 50 40 30 20 10 C 10

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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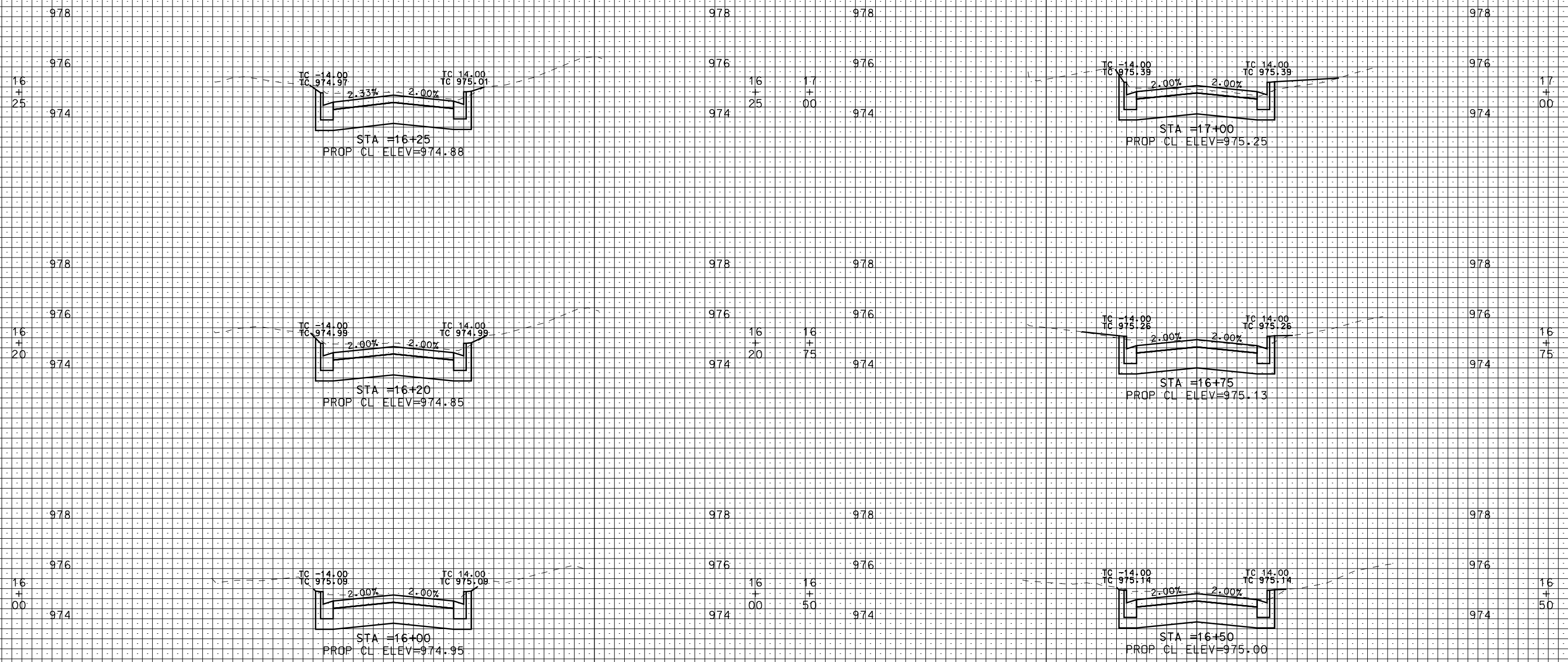
CROSS SECTIONS  
MERRILL CREST DR. CITY OF MADISON

20 30 40 50 60 70

PLOT SCALE: 1"=40'

PLOT NAME: 53W0982.X-5

REV. DATE: 4/9/2012



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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

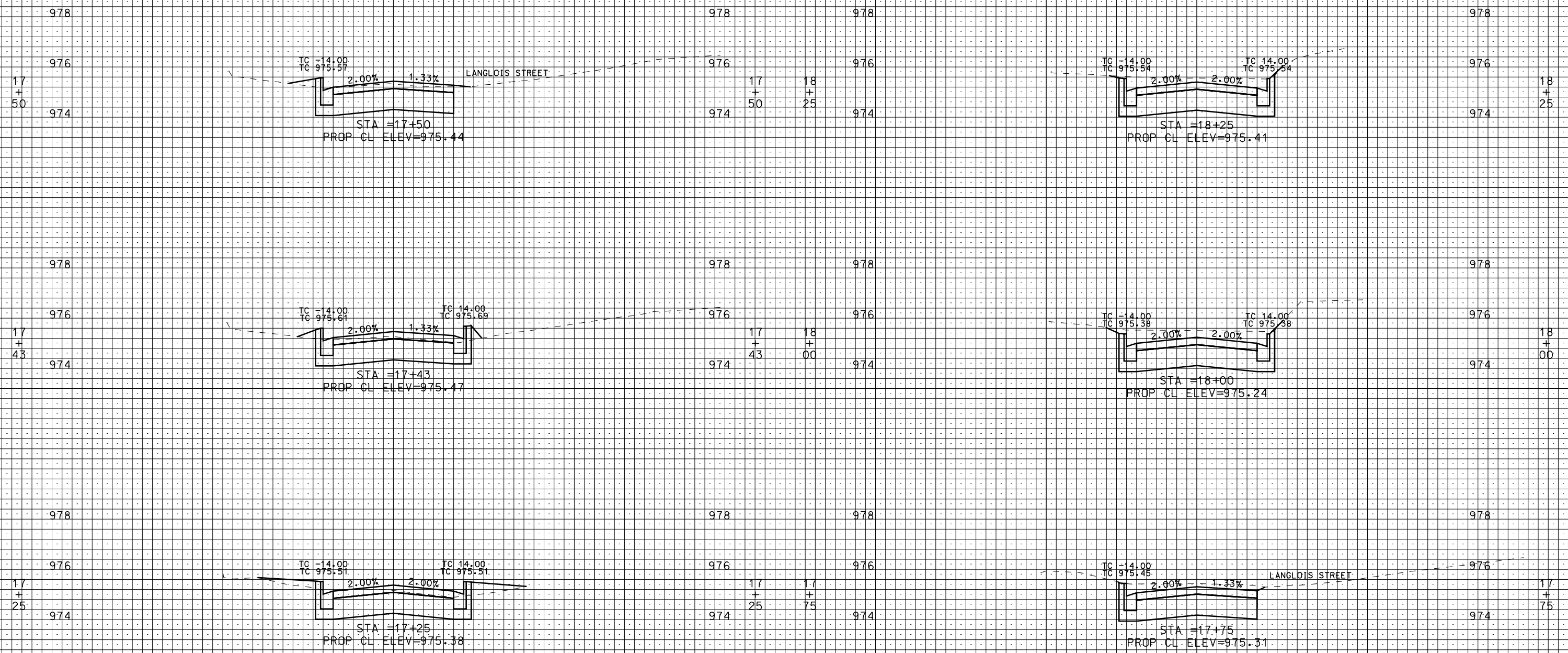
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MERRILL CREST DR. CITY OF MADISON

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



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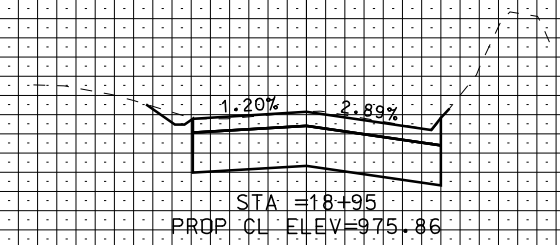
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MERRILL CREST DR. CITY OF MADISON

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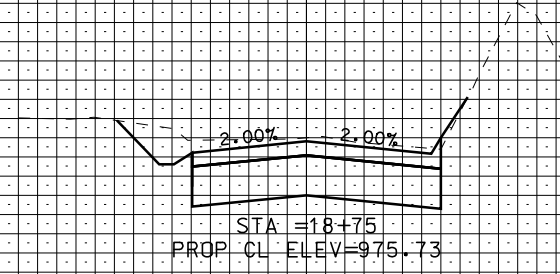
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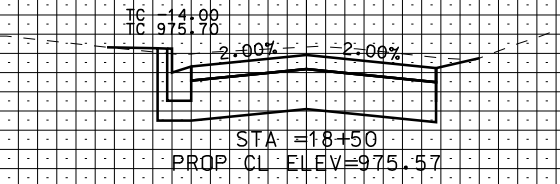
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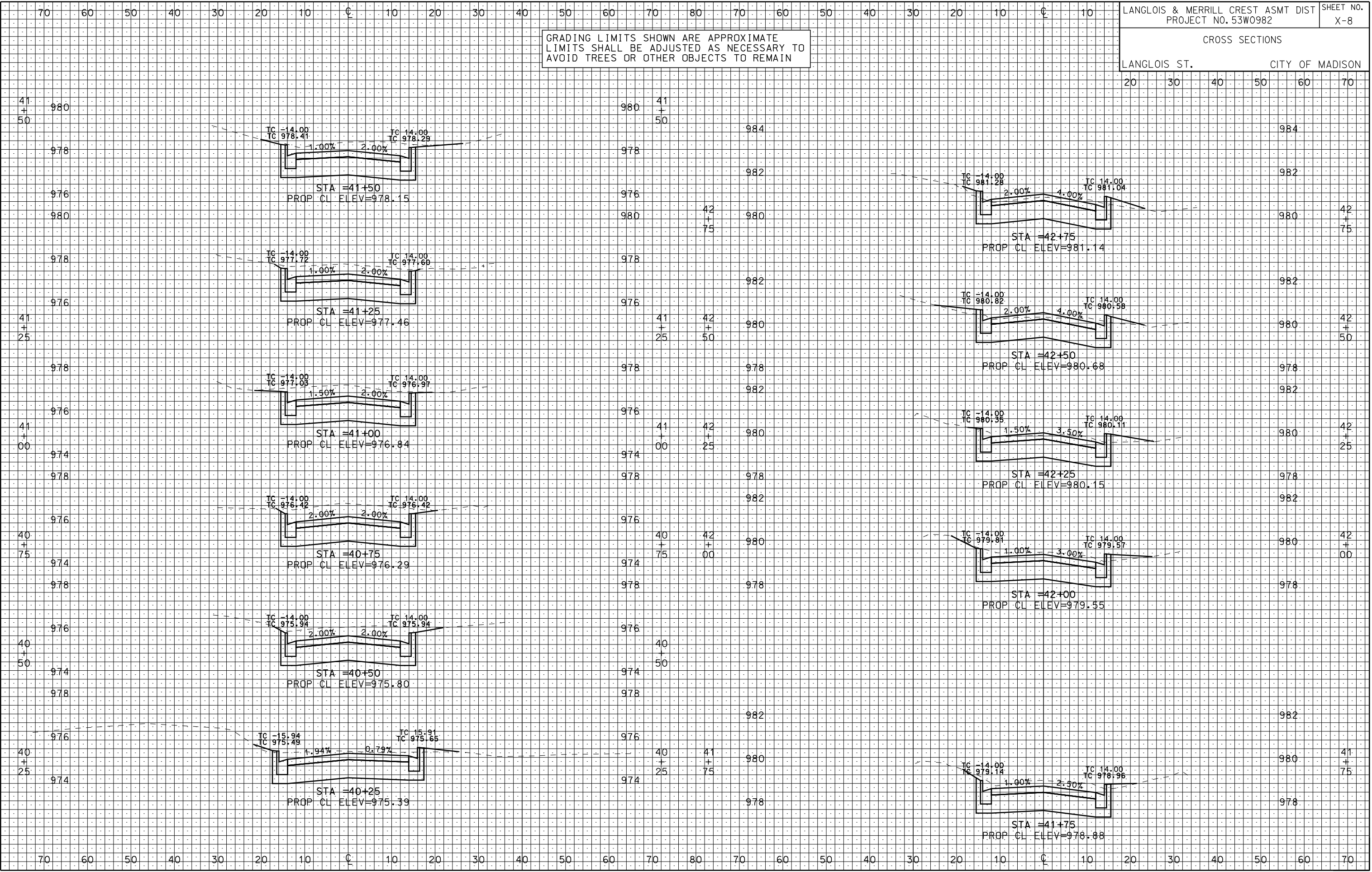
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

LANGLOIS ST. CITY OF MADISON

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PLOT SCALE: 1"=40'

PLOT NAME: LANGLOIS ST.

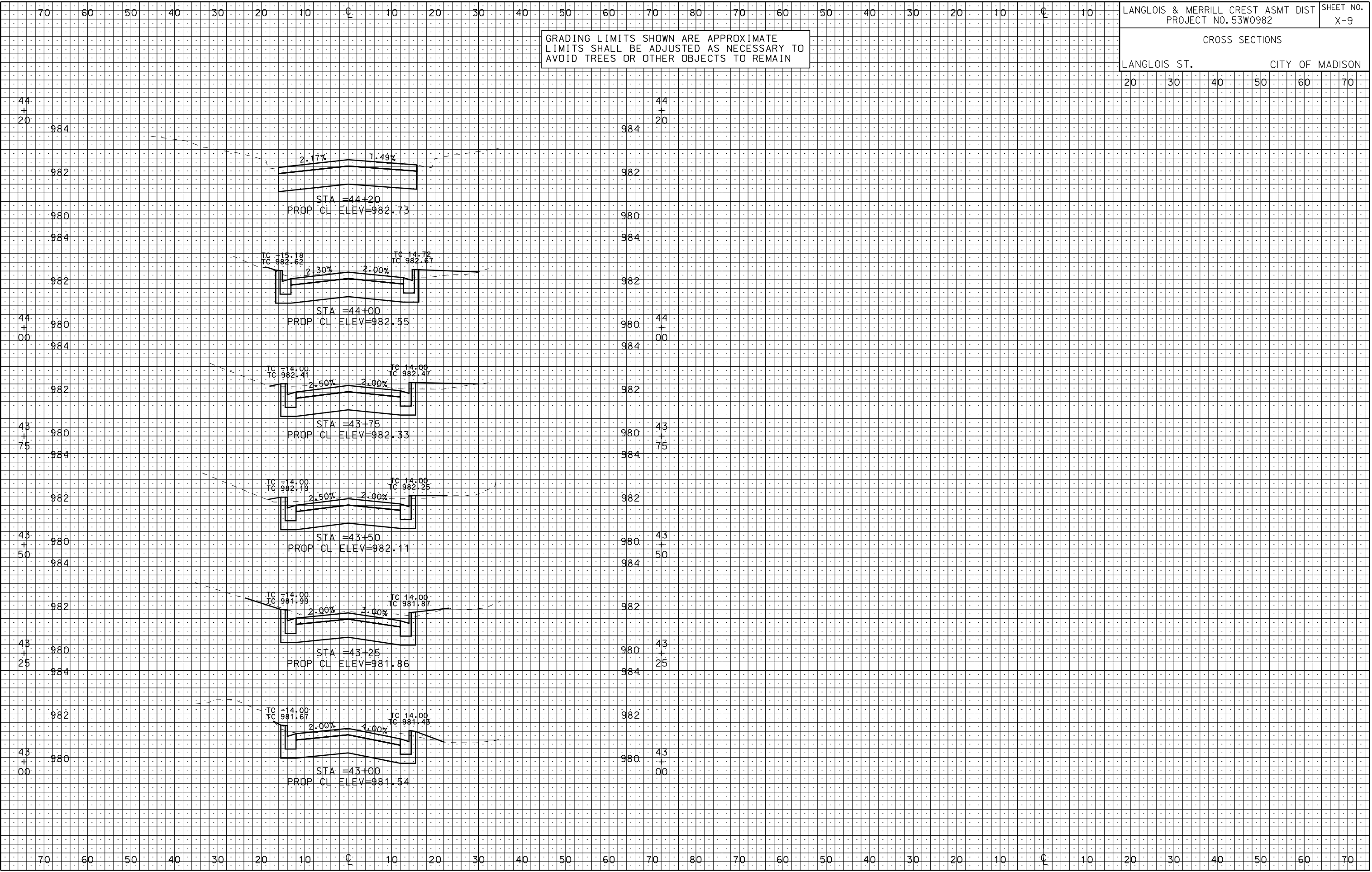
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CROSS SECTIONS

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PLOT NAME: .....

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