

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED

DECEMBER 13, 2011

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

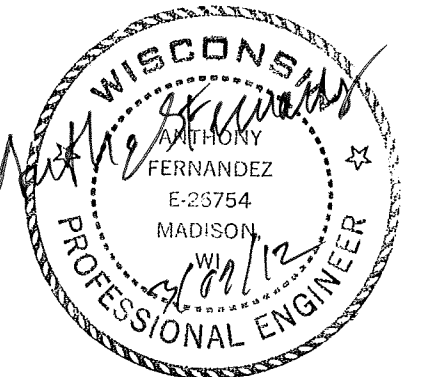
City Engineer

Date

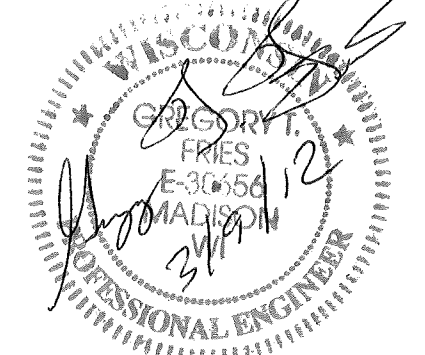
PATH AND SIDEWALK GEOMETRIC
DESIGN BY:



PATH GRADES DESIGNED BY:



STORM SEWER AND EROSION
CONTROL DESIGNED BY:



INDEX OF SHEETS

SHEET NO.	TITLE
1	TYPICAL SECTIONS
D-1 - D-2	CONSTRUCTION DETAILS
D-3 - D-4	RETAINING WALL DETAILS
D-5 - D-6	ICE AGE JUNCTION PATH PLAN & PROFILE
P-1 - P-7	STRATTON PATH PLAN & PROFILE
P-8	EROSION CONTROL PLANS
EC-1 - EC-7	ICE AGE JUNCTION PATH CROSS SECTIONS
X-1 - X-15	STRATTON PATH CROSS SECTIONS
X-16 - X-17	

CONVENTIONAL SIGNS

FIELD VERIFY ALL UTILITY LOCATIONS

GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
OVERHEAD ELECTRIC	— OH —
POWER POLE	— P —
HANDICAP RAMP	
COMBUSTIBLE FLUIDS	

NOTES:

CURB THRU HANDICAP RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12" FROM FLOWLINE TO BACK OF CURB.

TYPE 'X' CURB THRU DRIVE APRONS SHALL MATCH THE SLOPE OF THE DRIVE APRON FROM FLOWLINE TO BACK OF CURB

TOP OF CURB ELEVATIONS GIVEN FOR DRIVEWAYS AND MOUNTABLE CURB ARE BASED ON FULL 6" CURB HEIGHT

EARTH WORK SUMMARY

UNCLASSIFIED EX. IAJ PATH	1689 CY
UNCLASSIFIED EX. STRATTON PATH	536 CY
TOTAL UNCLASSIFIED EXC. (PLAN QUANTITY)	2225 CY
ESTIMATED UNDISTRIBUTED UNDERCUT	450 CY
TOTAL EXCAVATION CUT	2675 CY
ADJUSTED FILL (EXPANSION FACTOR 1.15)	833 CY
EST. WASTE	1392 CY

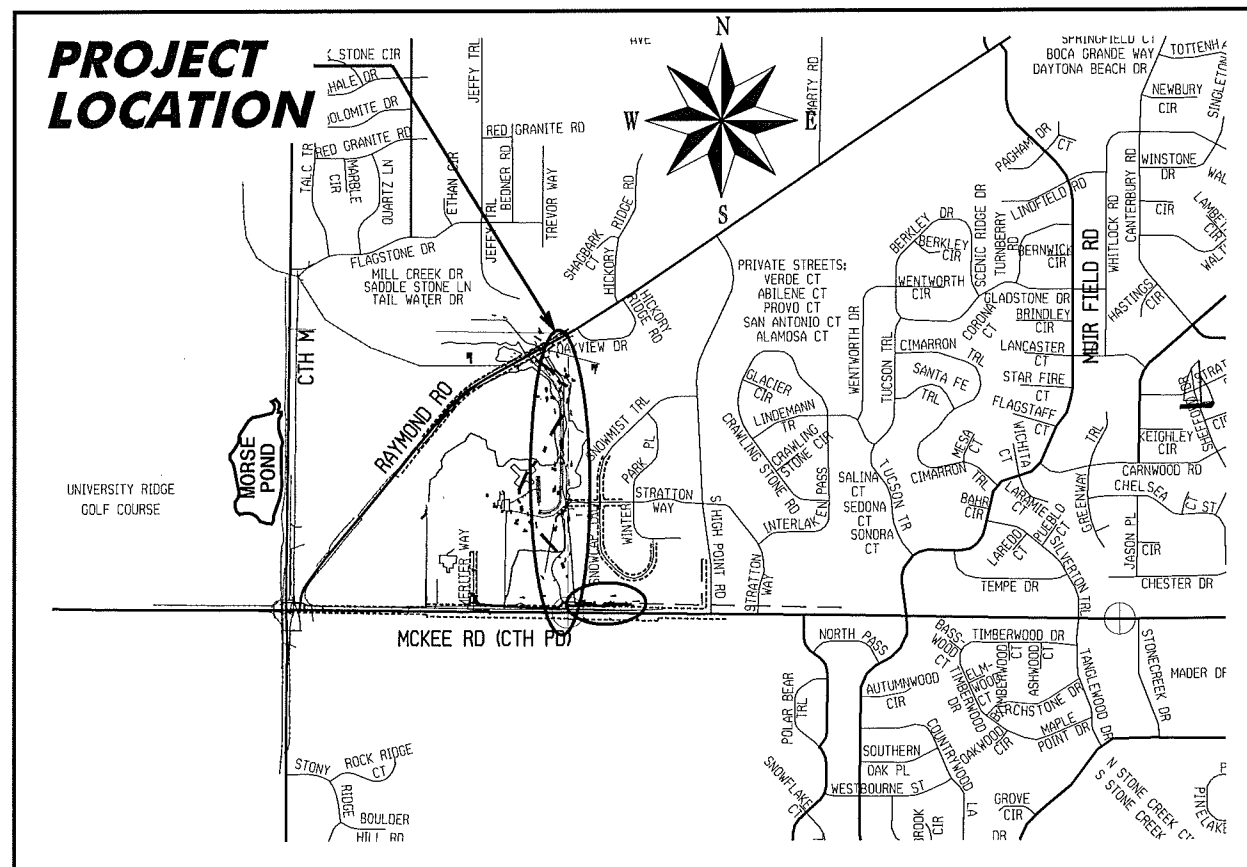
① ESTIMATED UNDERCUT NOT USED TO BALANCE EARTHWORK

② PAY ITEM

(MCKEE ROAD - RAYMOND ROAD)

CITY PROJECT NO. 53W1266

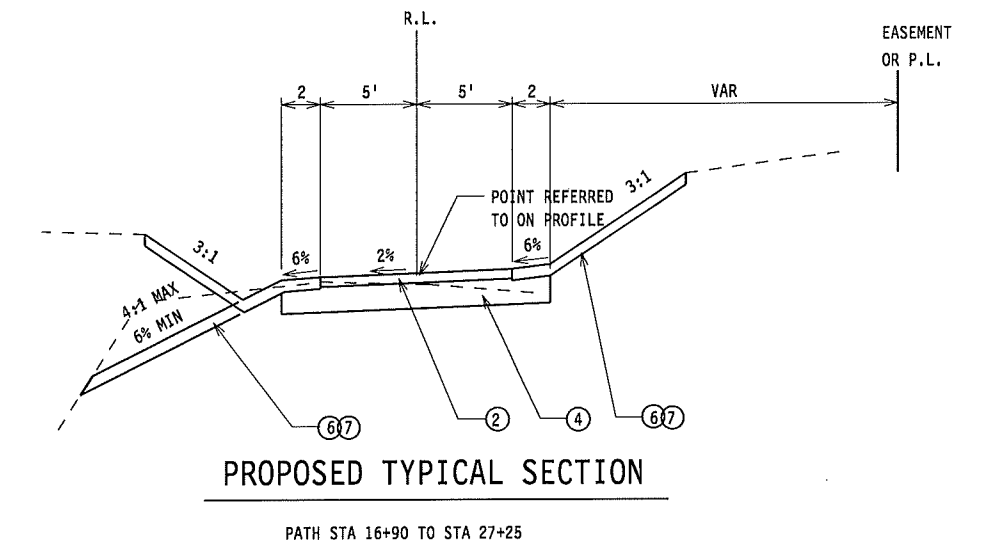
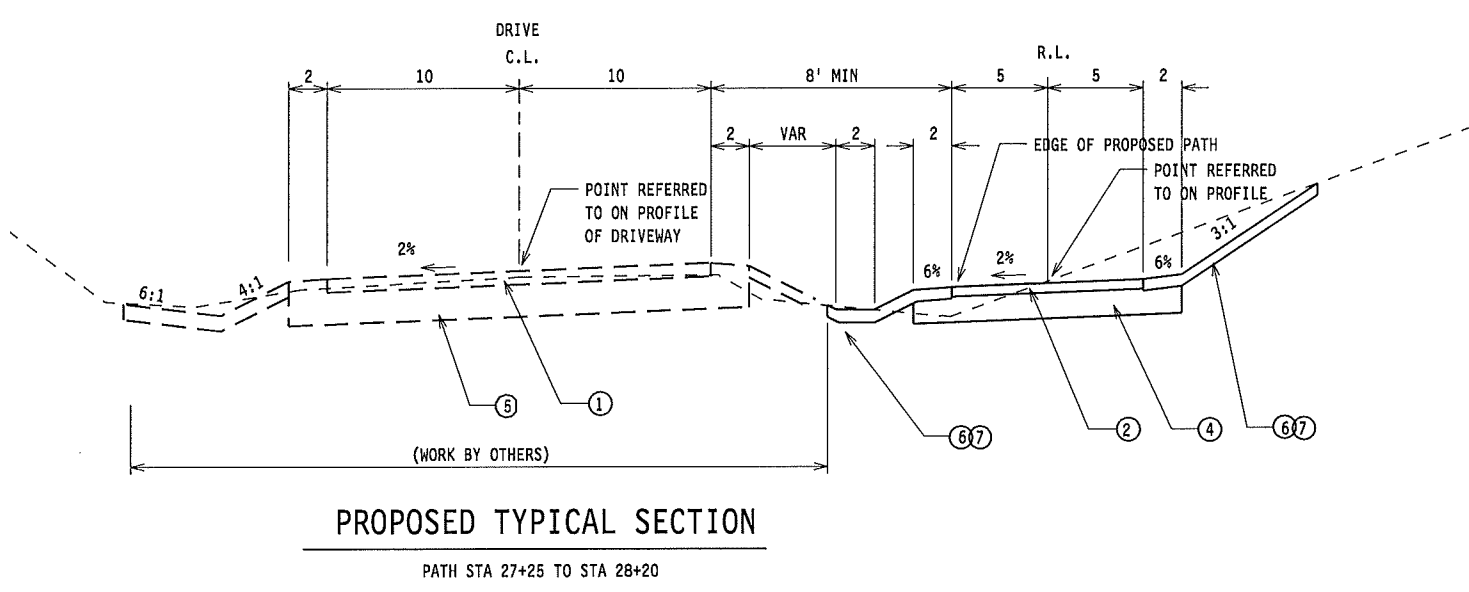
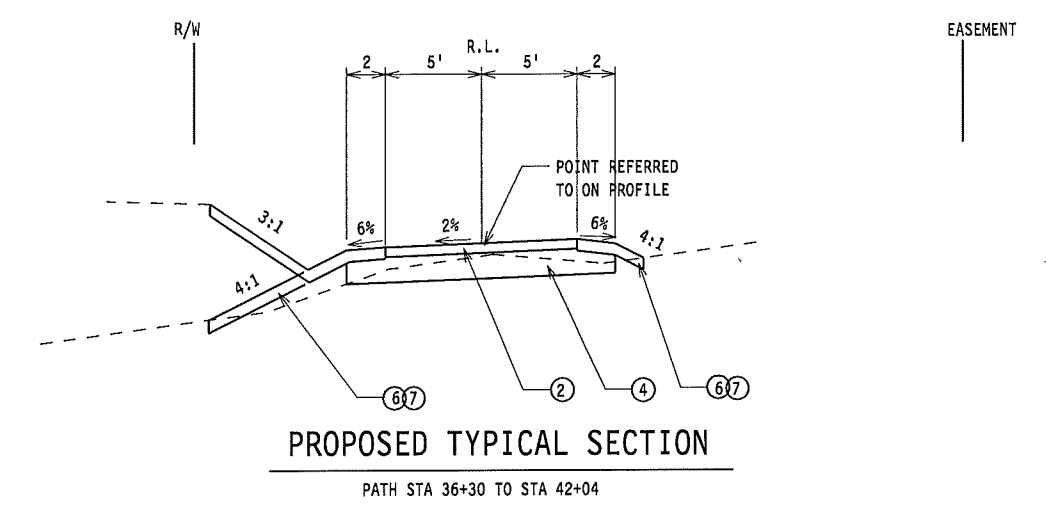
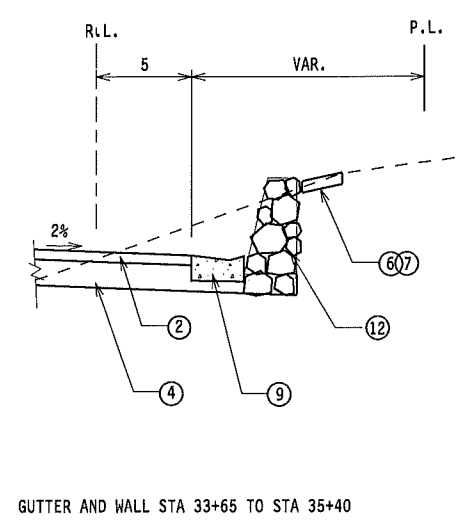
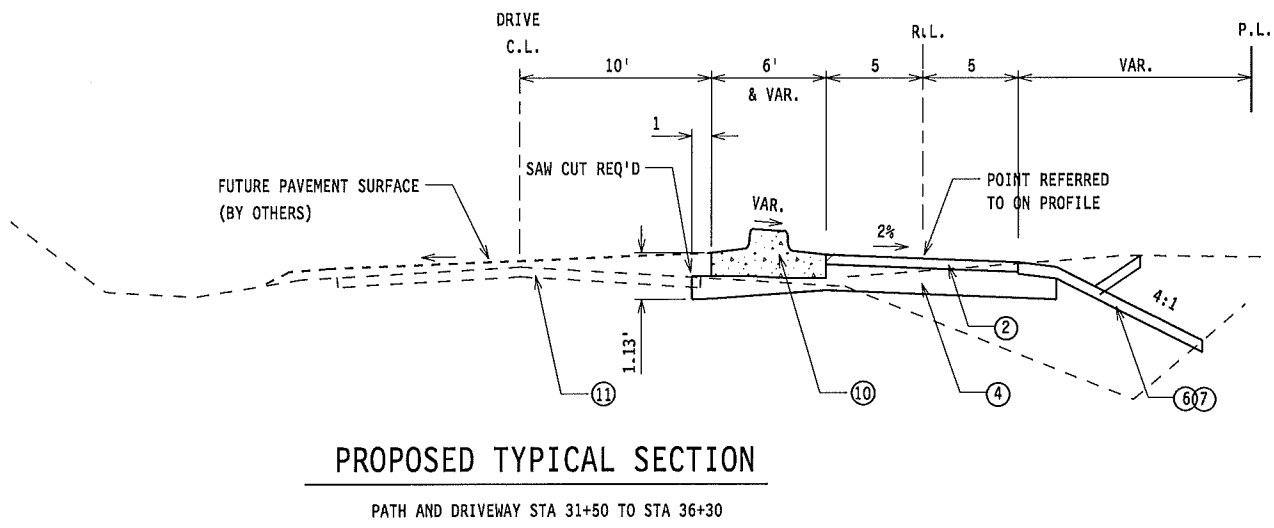
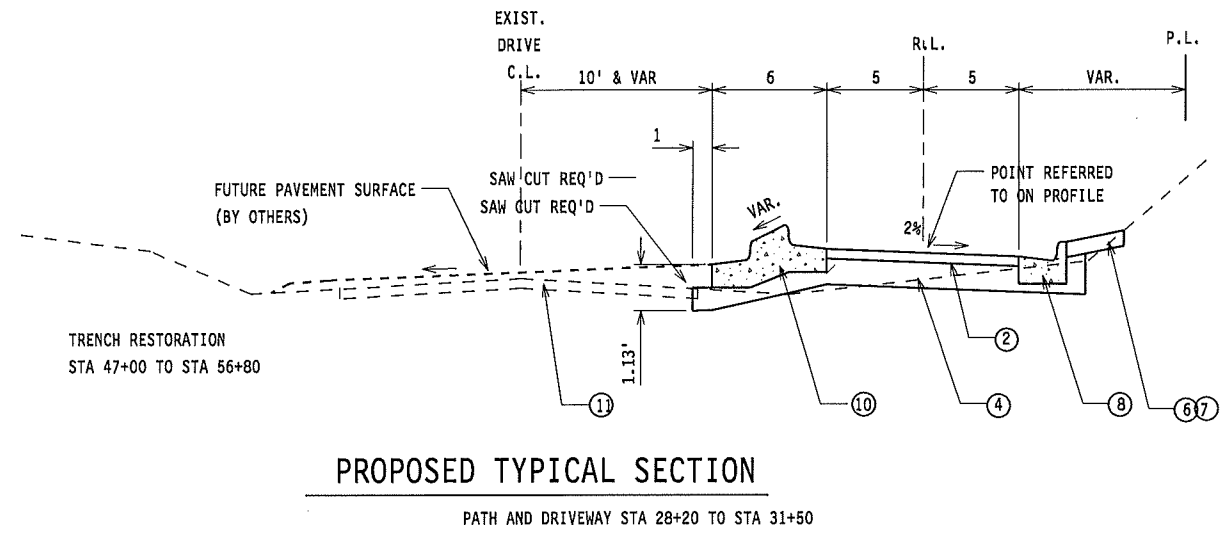
CONTRACT NO. 6786



LEGEND

- ① 3½ IN HMA PAVEMENT, (FUTURE BY OTHERS)
- ② 3 IN. HMA PAVEMENT (NOTE 1)
- ③ (Not Used)
- ④ 6 IN. CRUSHED AGGREGATE BASE COURSE GRADATION NO. 2
- ⑤ 10 IN. CRUSHED AGGREGATE BASE COURSE (FUTURE BY OTHERS)
- ⑥ 4 IN. TOPSOIL
- ⑦ SEED, FERTILIZER AND EROSION MAT (NOTE 4)
- ⑧ CONCRETE CURB & GUTTER, TYPE A (30-INCH)
- ⑨ CONCRETE GUTTER SPECIAL, 30-INCH (SEE WALL DETAILS)
- ⑩ CONCRETE MEDIAN (SEE DETAILS)
- ⑪ EXISTING ASPHALT PAVEMENT
- ⑫ BOULDER RETAINING WALL (SEE DETAILS)

- NOTES FOR TYPICAL SECTION SHEETS:
- HMA PAVEMENTS SHALL BE CONSTRUCTED AS FOLLOWS:
- | TYPE | LAYER | THICK. | NOM. SIZE |
|----------|----------|--------|-----------|
| 5½" E-1 | UPPER | 1.75" | 12.5 MM |
| | LOWER | 3.50" | 19.0 MM |
| 3" E-0.3 | ONE LIFT | 3.00" | 12.5 MM |
- SEE SHEET D-2 FOR PHASE 1 PATH TYPICAL SECTIONS STA 10+35 TO STA 16+90 AND STRATTON PATH
 - SEE CROSS SECTION SHEETS AND DETAILS FOR TOP OF MEDIAN GRADES
 - ALL SEEDED AREAS SHALL BE MATTED WITH EROSION CONTROL MATTING CLASS I TYPE URBAN A EXCEPT WHERE OTHERWISE SHOWN ON EROSION CONTROL PLANS



LEVELS ON - 1, 2, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 42, 43, 44, 45, 46, 47, 48, 49, 51, 52, 53, 54, 55, 56, 57, 58, 59, 61, 63

TYPICAL SECTIONS
STRATTON PATH
AND PHASE I PATH
CITY OF MADISON

LEGEND

- ① REMOVE EXISTING CONCRETE SIDEWALK
- ② 3 IN. HMA PAVEMENT (NOTE 1)
- ③ 6-INCH CRUSHED AGGREGATE BASE BY OTHERS (NOTE 2)
- ④ 6 IN. CRUSHED AGGREGATE BASE COURSE GRADATION NO. 2
- ⑤ TOPSOIL, SEED AND MULCH OR MATTING BY OTHERS (NOTE 2)
- ⑥ 4 IN. TOPSOIL
- ⑦ SEED, FERTILIZER AND EROSION MAT (NOTE 4)
- ⑧ BOULDER RETAINING WALL (SEE DETAILS)

NOTES FOR TYPICAL SECTION SHEETS:

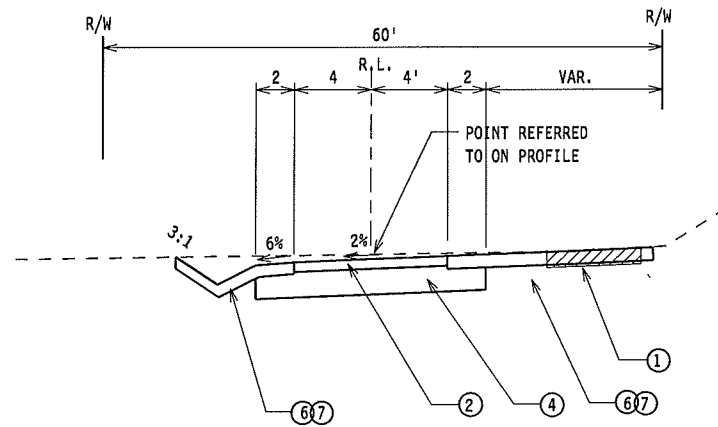
1. HMA PAVEMENTS SHALL BE CONSTRUCTED AS FOLLOWS:

TYPE	LAYER	THICK.	NOM. SIZE
5½" E-1	UPPER	1.75"	12.5 MM
	LOWER	3.50"	19.0 MM
3" E-0.3	ONE LIFT	3.00"	12.5 MM

2. FOR PHASE 1 PATH FROM STA 10+35 TO STA 16+90 THE GRADING BASE COURSE AND RESTORATION OUTSIDE SHOULDER LIMITS IS BY OTHERS AND IS NOT INCLUDED IN THIS CONTRACT. SEE SPECIAL PROVISIONS.

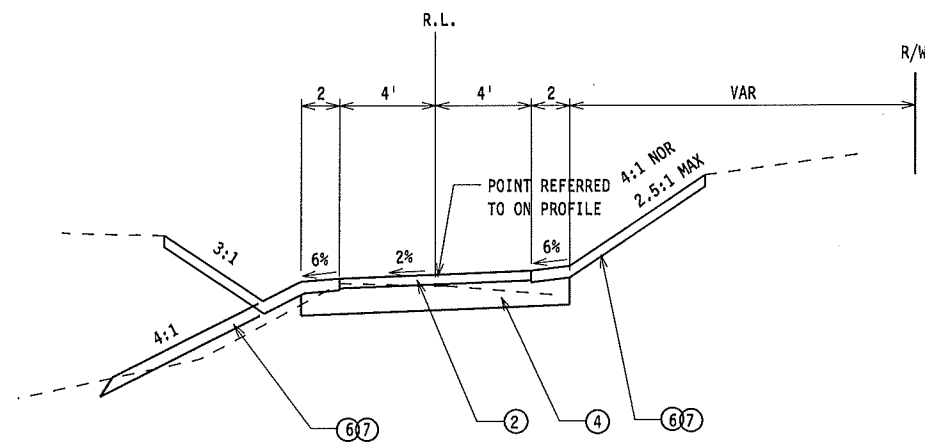
3. SEE CROSS SECTION SHEETS FOR CUT SLOPES.

4. ALL SEEDED AREAS SHALL BE MATTED WITH EROSION CONTROL MATTING CLASS I TYPE URBAN A EXCEPT WHERE OTHERWISE SHOWN ON EROSION CONTROL PLANS.



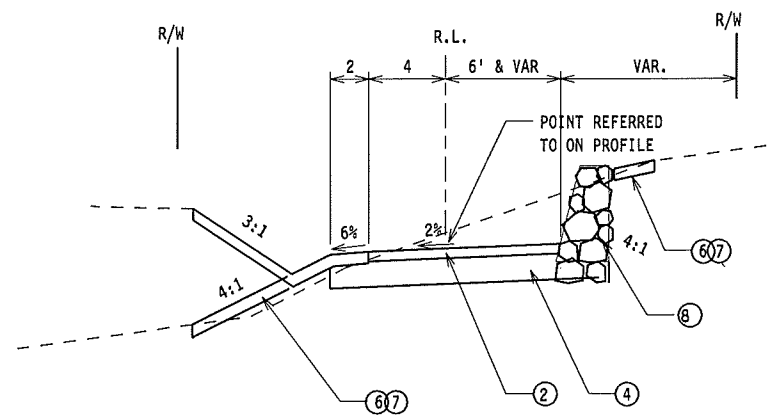
PROPOSED TYPICAL SECTION

STRATTON PATH STA 62+10 TO STA 63+31



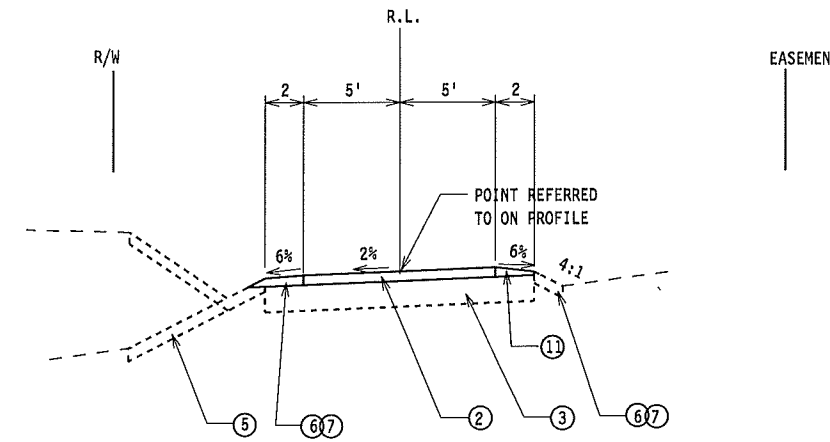
PROPOSED TYPICAL SECTION

STRATTON PATH STA 60+60 TO STA 62+10



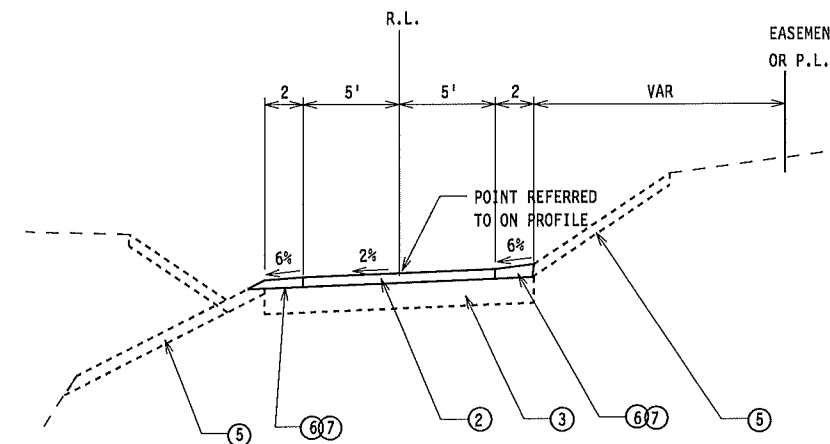
PROPOSED TYPICAL SECTION

STRATTON PATH STA 60+10 TO STA 60+60



PROPOSED TYPICAL SECTION

PATH STA 10+35 TO STA 11+50



PROPOSED TYPICAL SECTION

PATH STA 11+50 TO STA 16+90

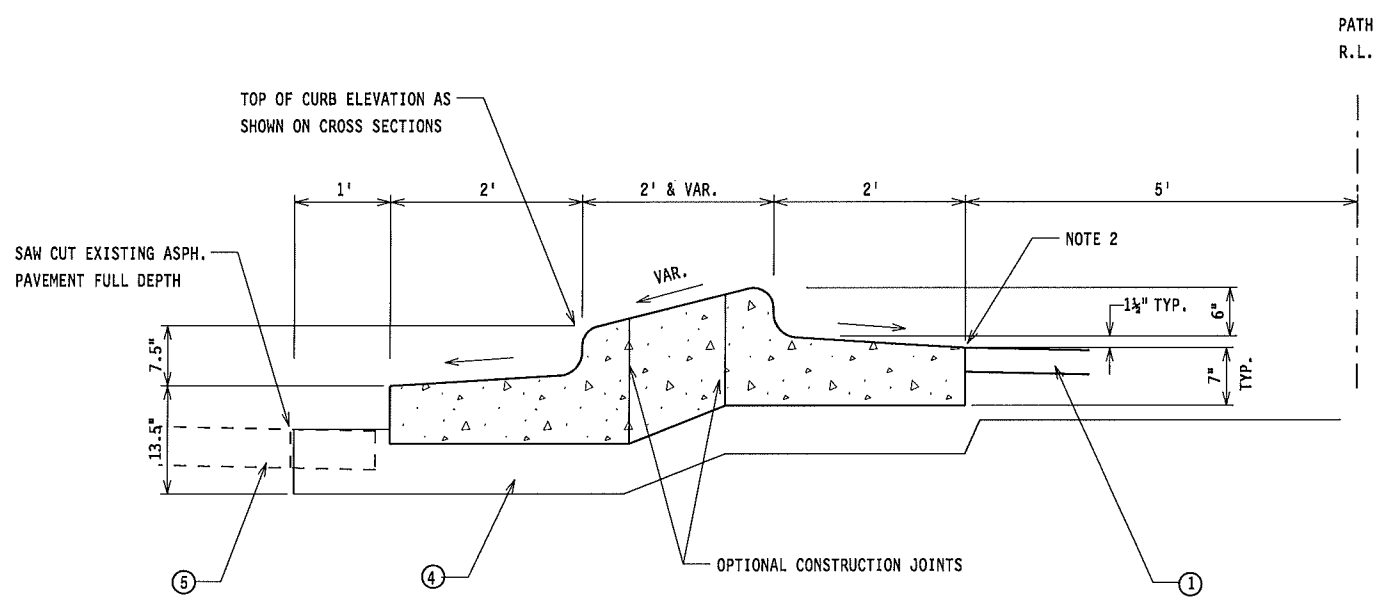
LEVELS ON - 1, 2, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 42, 43, 44, 45, 46, 47, 48, 49, 51, 52, 53, 54, 55, 56, 57, 58, 59, 61, 63

LEGEND

- ① 3 INCH HMA PAVEMENT (SEE TYPICAL SECTIONS)
- ② 7 INCH CONCRETE SIDEWALK (NOTE 2)
- ③ (not used)
- ④ 6 IN. CRUSHED AGGREGATE BASE COURSE GRADATION NO. 2
- ⑤ EXISTING ASPHALT PAVEMENT

NOTES

- 1. SEE STANDARD DETAIL DRAWING 3.06 FOR ADDITIONAL APPLICABLE DETAILS AND NOTES FOR CURBS
- 2. EDGE OF GUTTER ELEVATION IS 0.10' ABOVE PATH R.L. ELEVATION



CONCRETE MEDIAN DETAIL

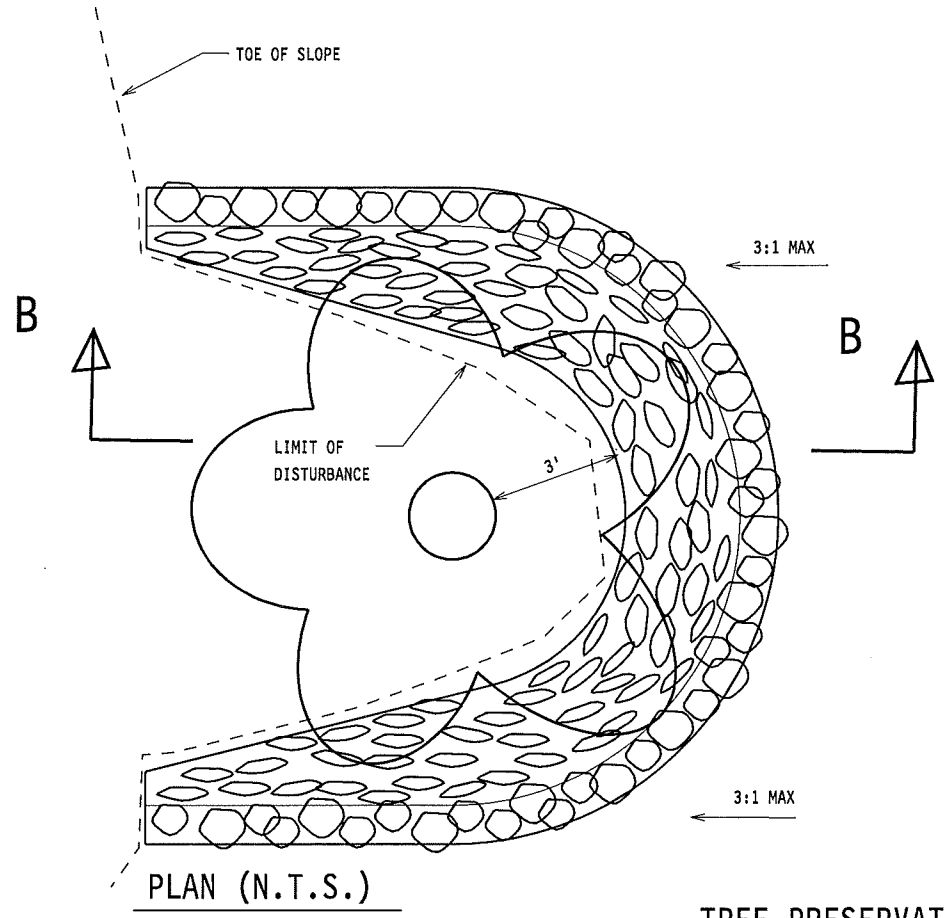
PATH AND DRIVEWAY STA 28+20 TO STA 31+50

LEGEND

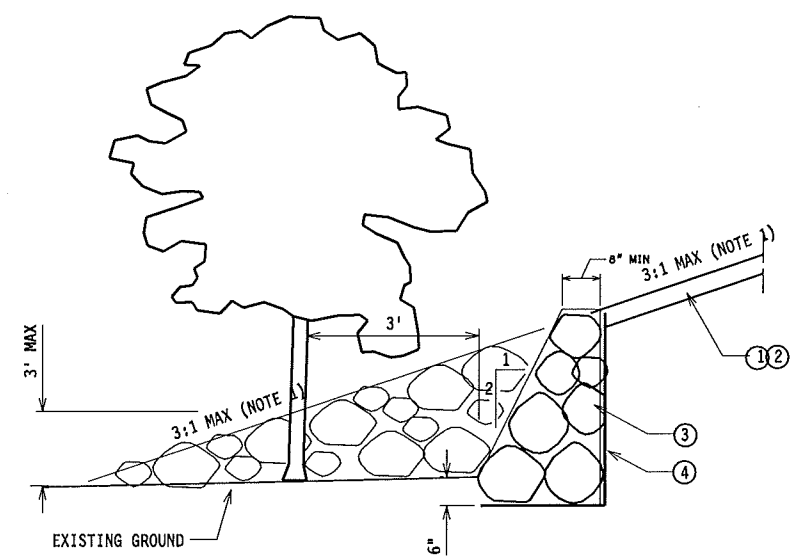
- ① 4 INCH TOPSOIL
- ② SEED, FERTILIZER AND MULCH OR EROSION MAT
- ③ GLACIAL BOULDERS
- ④ GEOTEXTILE FABRIC TYPE SAS NON-WOVEN

NOTES

- 1. STEEPEN SLOPE LOCALLY TO 3:1 MAX. WHERE TREE PRESERVATION DETAIL IS REQUIRED
- 2. TREE PROTECTION SHALL BE USED IN LOCATIONS TO BE DETERMINED BY THE ENGINEER IN CONSULTATION WITH CITY FORESTER.
- 3. BOULDERS SHALL MEET REQUIREMENTS SPECIFIED FOR BOULDER RETAINING WALLS.



TREE PRESERVATION DETAIL



SECTION B-B

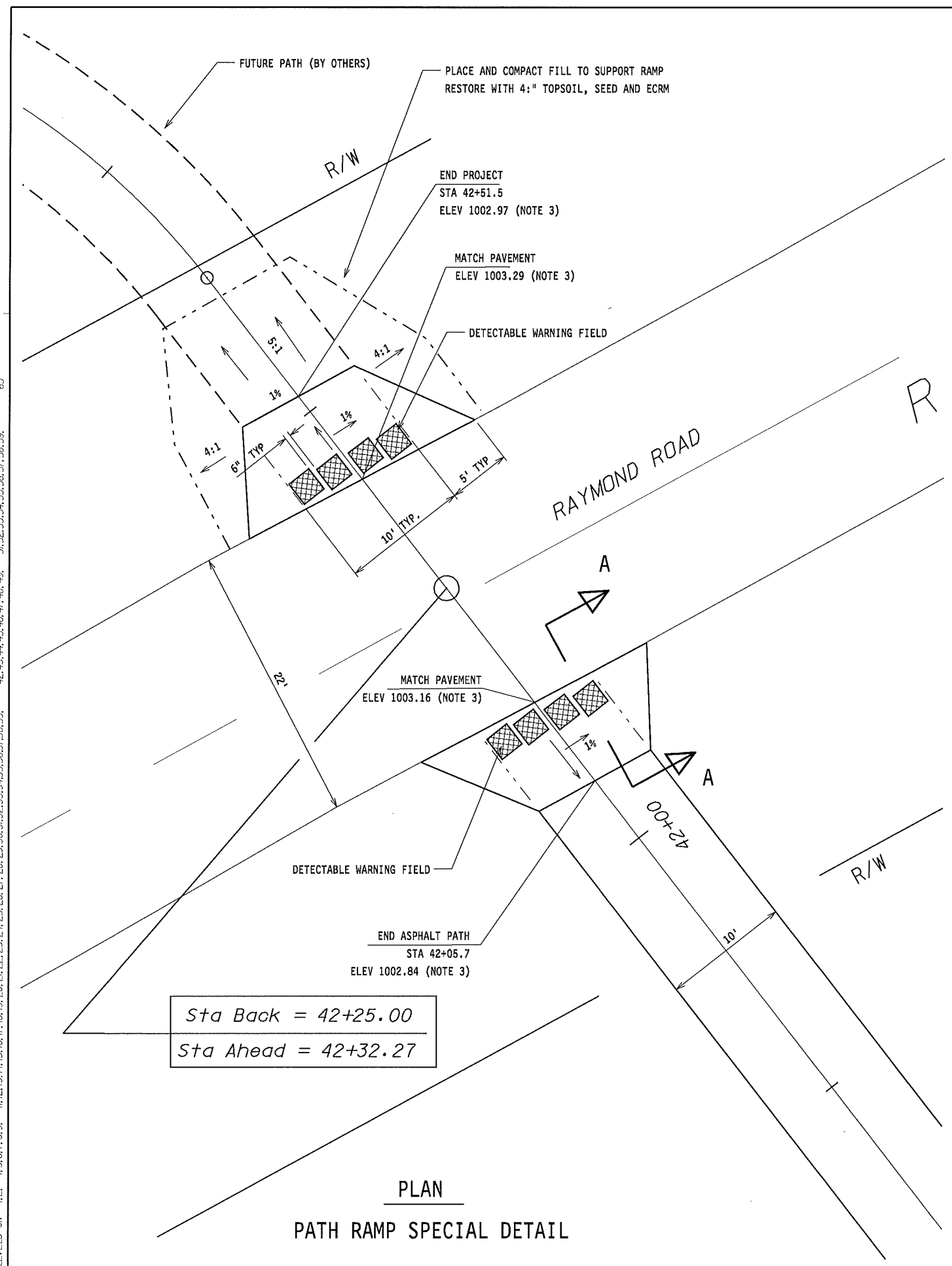
LEVELS ON - 1,2, 4,5,6,7,8,9, 11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39, 42,43,44,45,46,47,48,49, 51,52,53,54,55,56,57,58,59, 63

LEGEND

- ① 3 INCH HMA PAVEMENT (SEE TYPICAL SECTIONS)
- ② 7 INCH CONCRETE SIDEWALK (NOTE 2)
- ③ 2-INCH GRANULAR FILL (INCIDENTAL TO SIDEWALK)
- ④ 6 IN. CRUSHED AGGREGATE BASE COURSE GRADATION NO. 2
- ⑤ EXISTING ASPHALT PAVEMENT

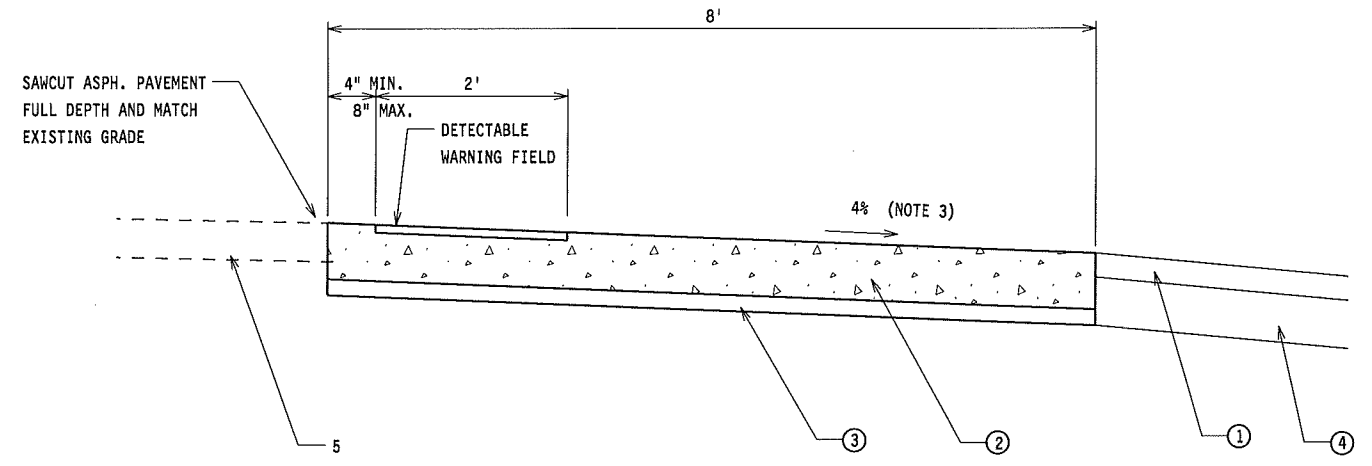
NOTES

1. SEE STANDARD DETAIL DRAWING 3.14 FOR ADDITIONAL APPLICABLE DETAILS AND NOTES FOR PATH RAMPS
2. RAMPS PAID FOR AS 7-INCH CONCRETE SIDEWALK & DRIVE
3. CONTRACTOR SHALL VERIFY EXISTING RAYMOND ROAD ELEVATIONS AND ADJUST RAMP GRADES TO PROVIDE LONGITUDINAL SLOPE OF APPROXIMATELY 4% ON RAMPS



Sta Back = 42+25.00
Sta Ahead = 42+32.27

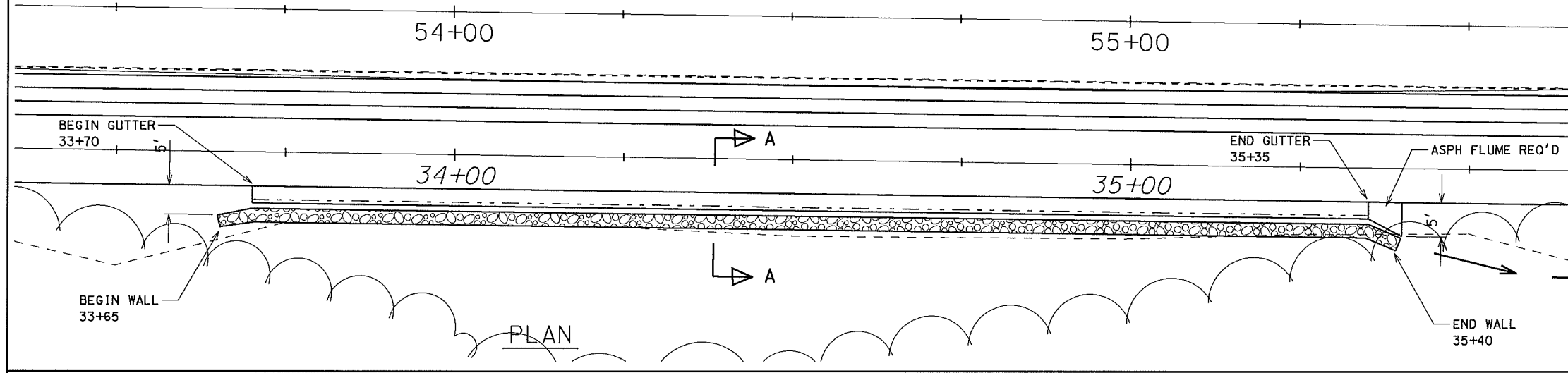
PLAN
PATH RAMP SPECIAL DETAIL



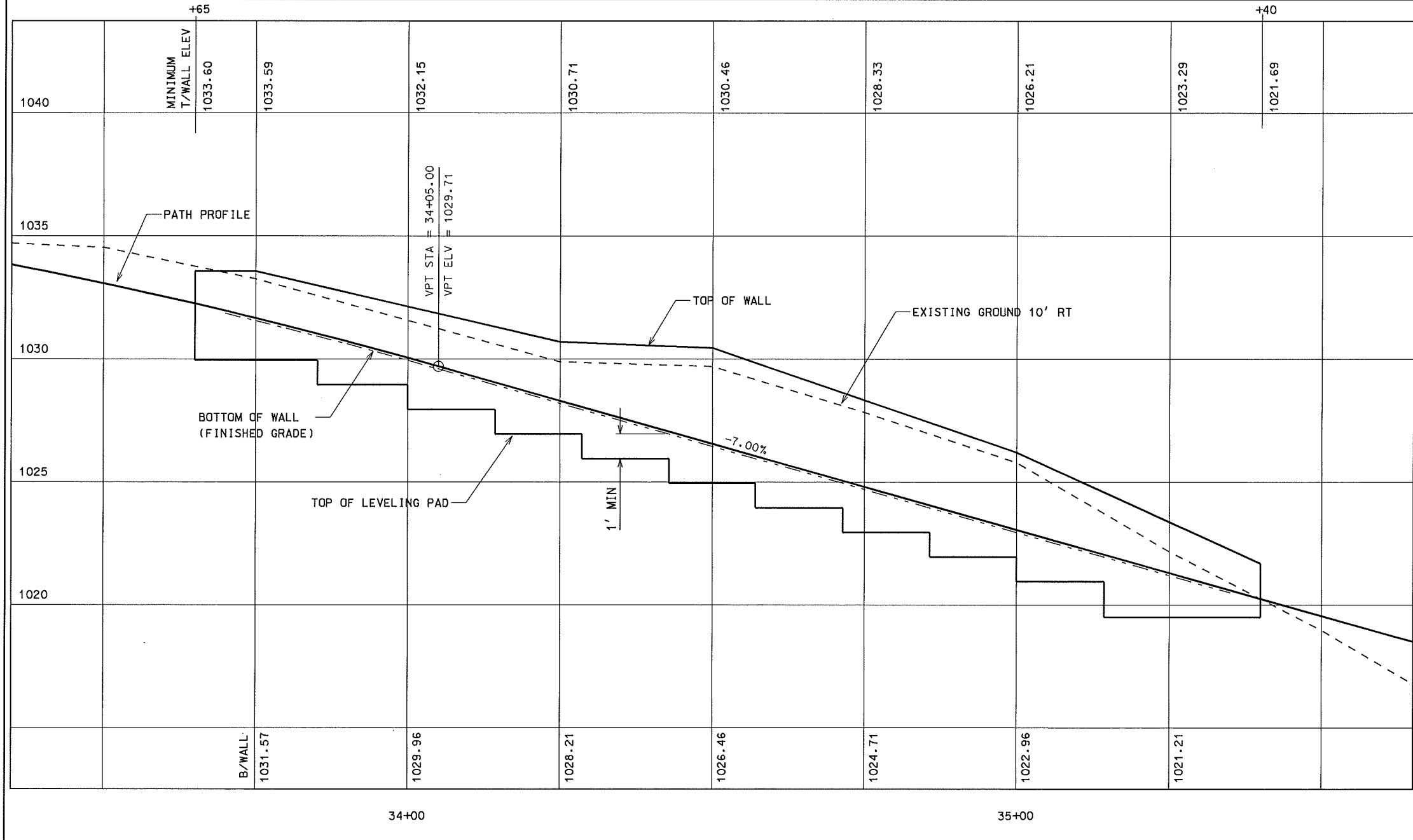
SECTION A-A
PATH RAMP SPECIAL DETAIL

LEVELS ON - 1, 2, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 42, 43, 44, 45, 46, 47, 48, 49, 51, 52, 53, 54, 55, 56, 57, 58, 59, 63

MERITER DRIVEWAY



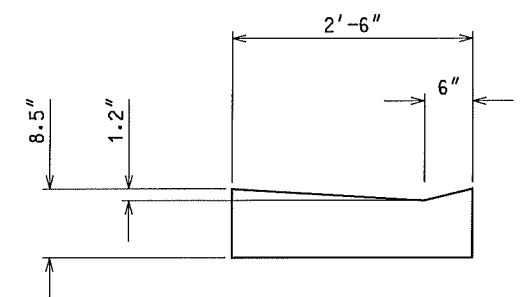
PLAN



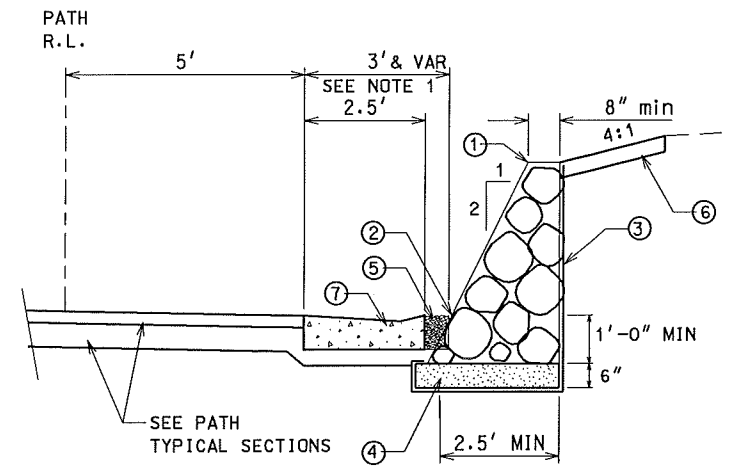
- ① TOP OF WALL ELEVATION AS SHOWN ON WALL PROFILES
- ② BOTTOM OF WALL ELEVATION AS SHOWN ON WALL PROFILES
- ③ GEOTEXTILE FABRIC TYPE SAS NON-WOVEN (NOTE 2)
- ④ GRANULAR FILL LEVELING PAD (NOTE 2)
- ⑤ CLEAR STONE FILL 4" (NOTE 3)
- ⑥ 4" TOPSOIL, SEED AND MATTING
- ⑦ CONCRETE GUTTER SPECIAL 30-INCH

NOTES:

- 1. SEE PLAN VIEWS FOR BOTTOM OF WALL LOCATION, 3' MIN FROM EDGE OF PATH
- 2. LEVELING PAD AND GEOTEXTILE FABRIC INCIDENTAL TO WALL
- 3. CLEAR STONE FILL INCIDENTAL TO CONCRETE GUTTER SPECIAL



CONCRETE GUTTER SPECIAL DETAIL



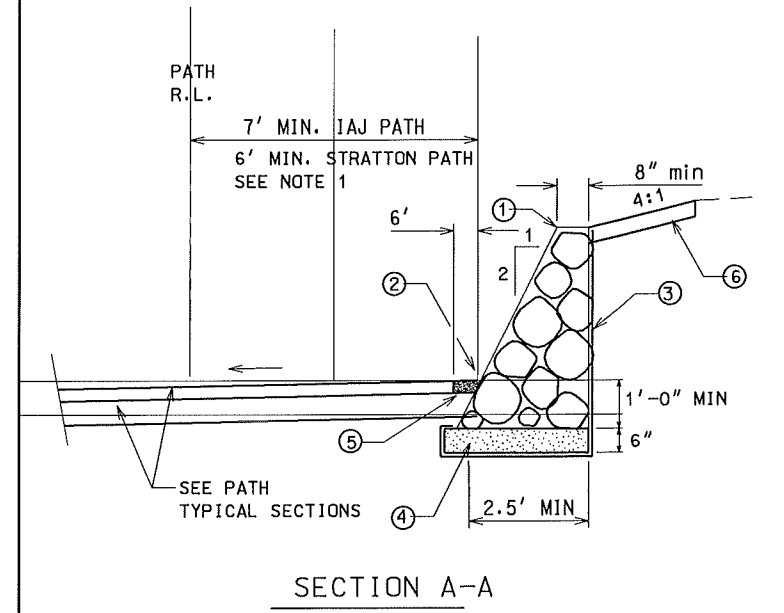
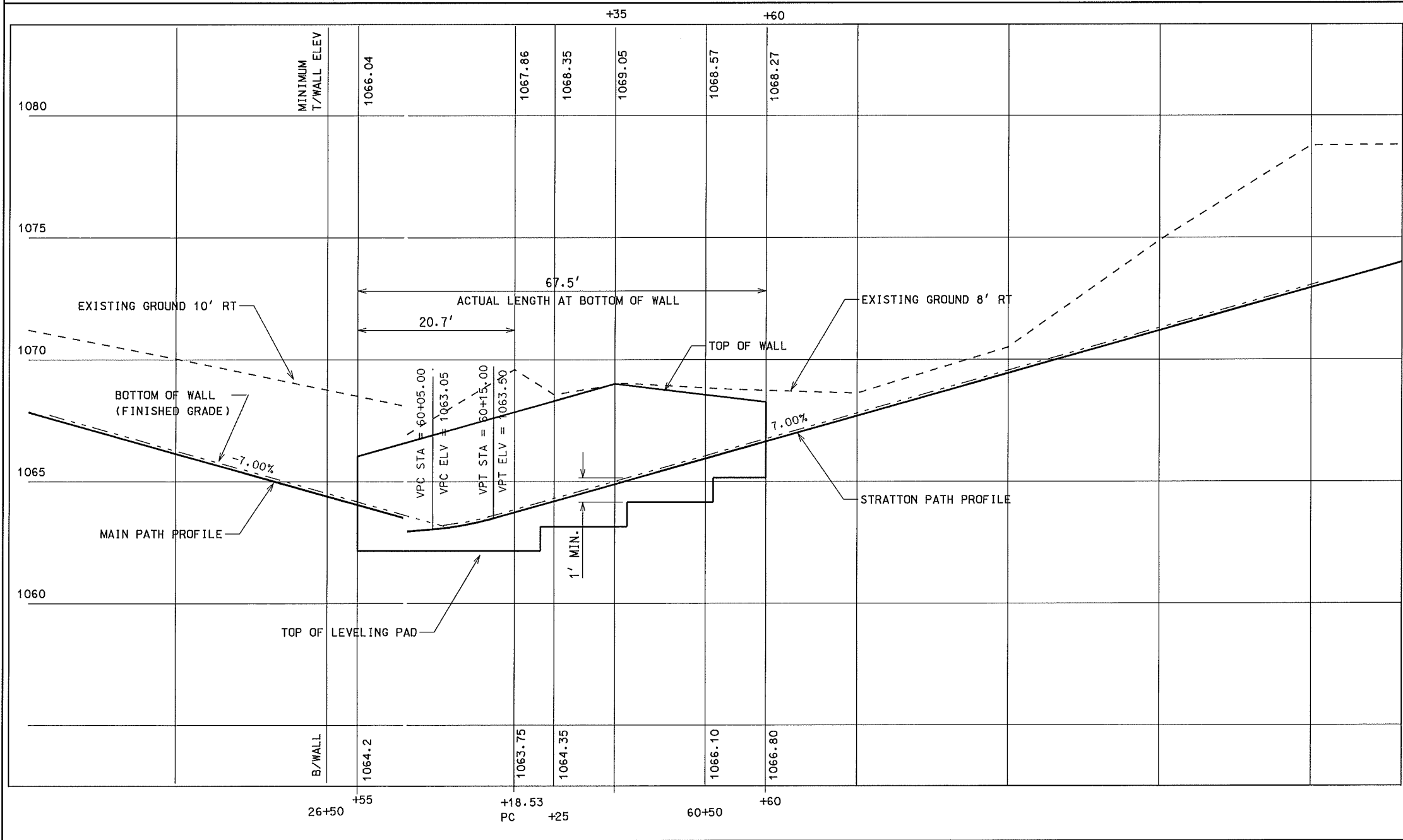
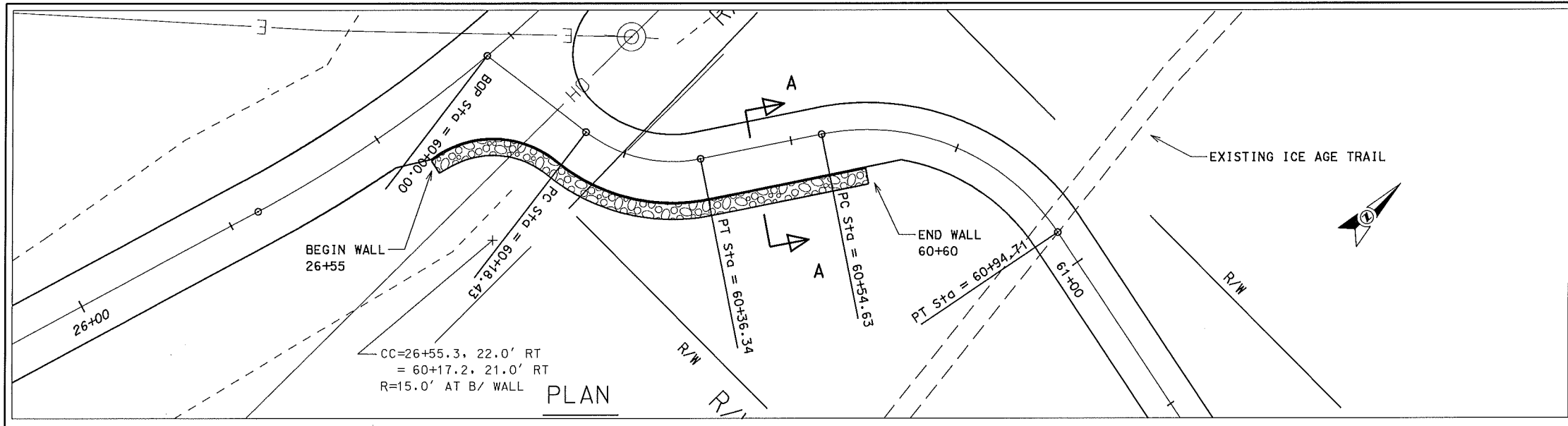
SECTION A-A

PLOT USER: enastf

PLOT NAME:

REV. DATE: 3/9/2012

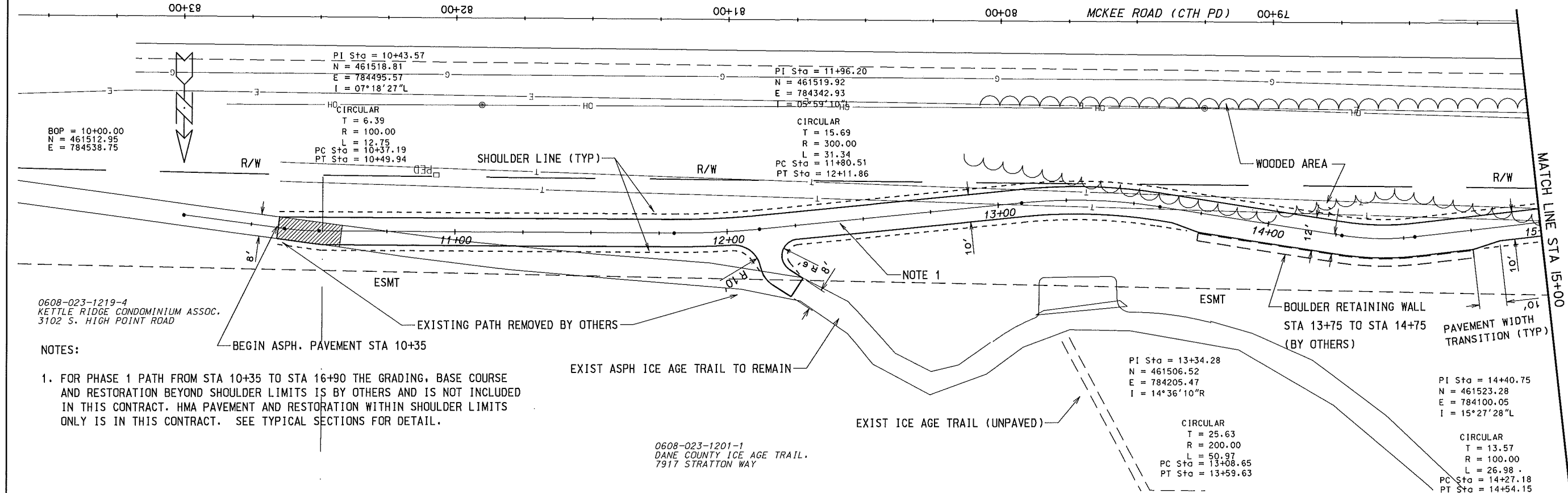
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



- ① TOP OF WALL ELEVATION AS SHOWN ON WALL PROFILES
- ② BOTTOM OF WALL ELEVATION AS SHOWN ON WALL PROFILES
- ③ GEOTEXTILE FABRIC TYPE SAS NON-WOVEN (NOTE 2)
- ④ GRANULAR FILL LEVELING PAD (NOTE 2)
- ⑤ CLEAR STONE
- ⑥ 4" TOPSOIL, SEED AND MATTING

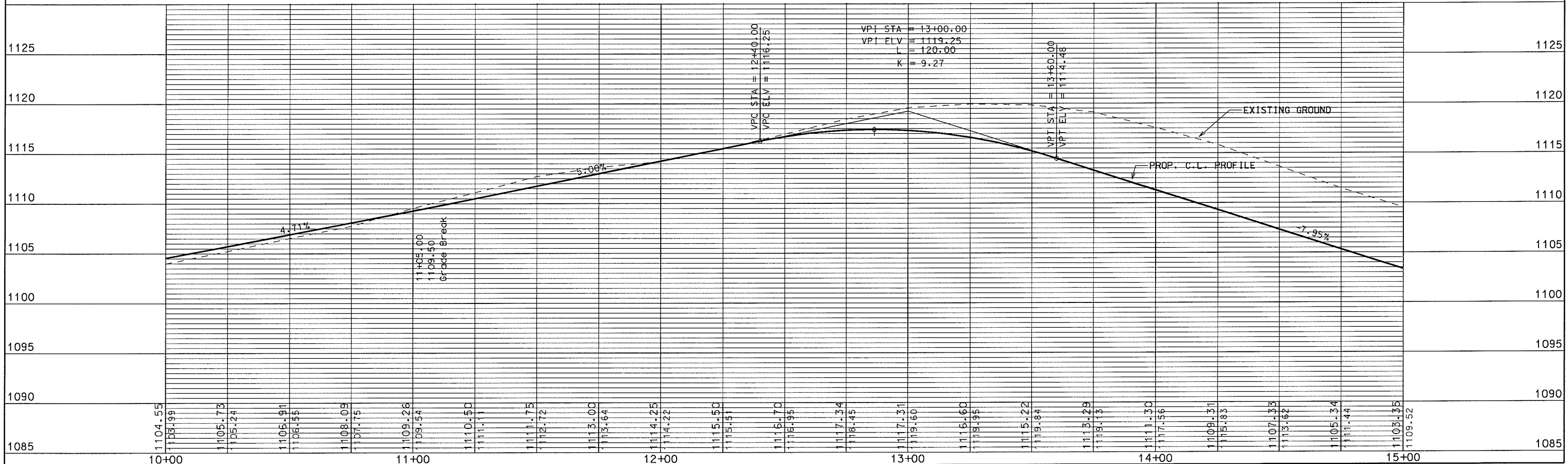
- NOTES:
1. SEE PLAN VIEWS FOR BOTTOM OF WALL LOCATION, 2' MIN FROM THRU EDGE OF PATH
 2. LEVELING PAD AND GEOTEXTILE FABRIC INCIDENTAL TO WALL

PLOT USER: enasf
 PLOT NAME:
 REV. DATE: 3/8/2012
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION

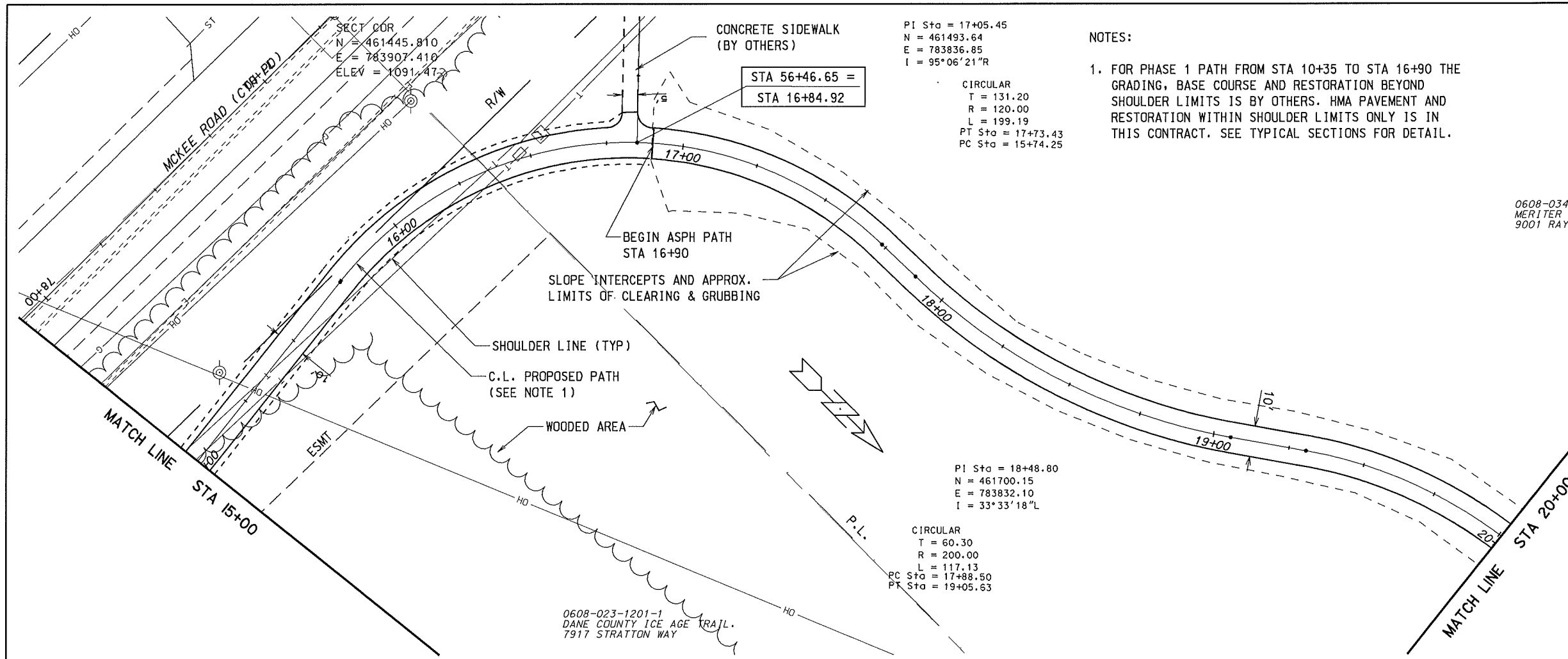


NOTES:

1. FOR PHASE 1 PATH FROM STA 10+35 TO STA 16+90 THE GRADING, BASE COURSE AND RESTORATION BEYOND SHOULDER LIMITS IS BY OTHERS AND IS NOT INCLUDED IN THIS CONTRACT. HMA PAVEMENT AND RESTORATION WITHIN SHOULDER LIMITS ONLY IS IN THIS CONTRACT. SEE TYPICAL SECTIONS FOR DETAIL.



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



PI Sta = 17+05.45
N = 461493.64
E = 783836.85
I = 95°06'21"R

CIRCULAR
T = 131.20
R = 120.00
L = 199.19
PT Sta = 17+73.43
PC Sta = 15+74.25

NOTES:
1. FOR PHASE 1 PATH FROM STA 10+35 TO STA 16+90 THE GRADING, BASE COURSE AND RESTORATION BEYOND SHOULDER LIMITS IS BY OTHERS. HMA PAVEMENT AND RESTORATION WITHIN SHOULDER LIMITS ONLY IS IN THIS CONTRACT. SEE TYPICAL SECTIONS FOR DETAIL.

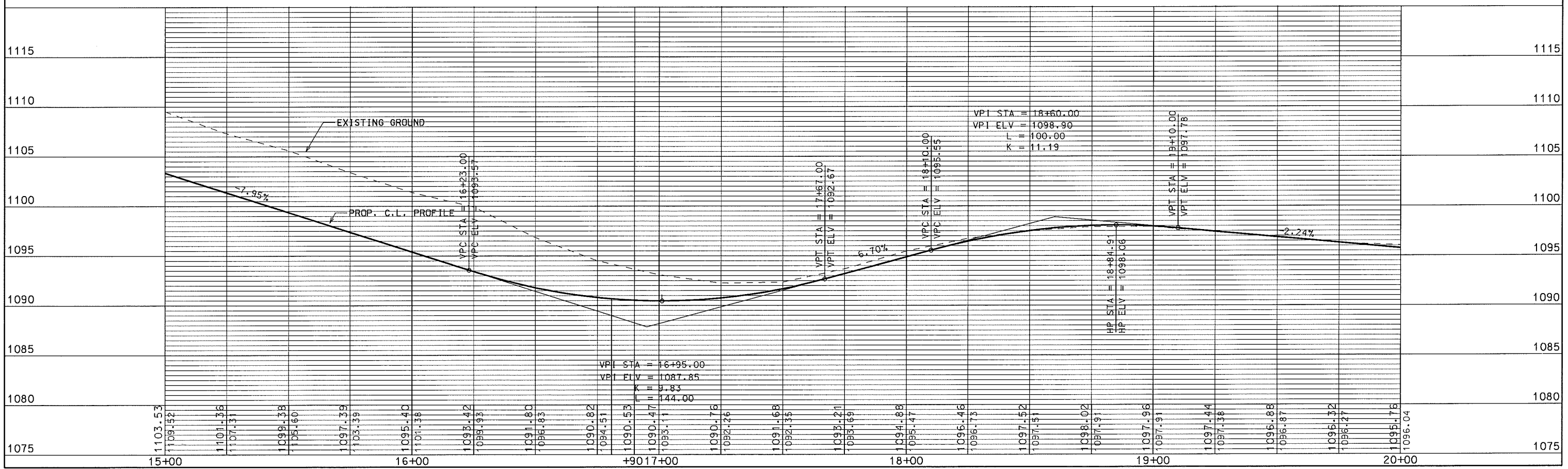
0608-034-0101-1
MERITER HOSPITAL INC.
9001 RAYMOND RD

PI Sta = 20+59.96
N = 461876.23
E = 783709.38
I = 81°32'37"R

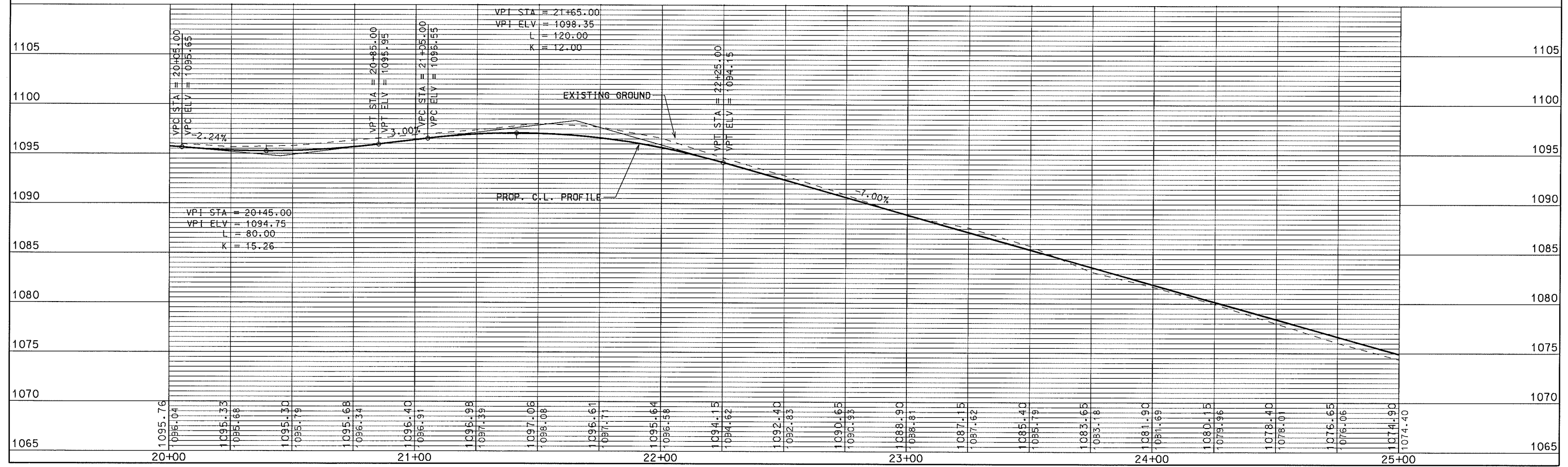
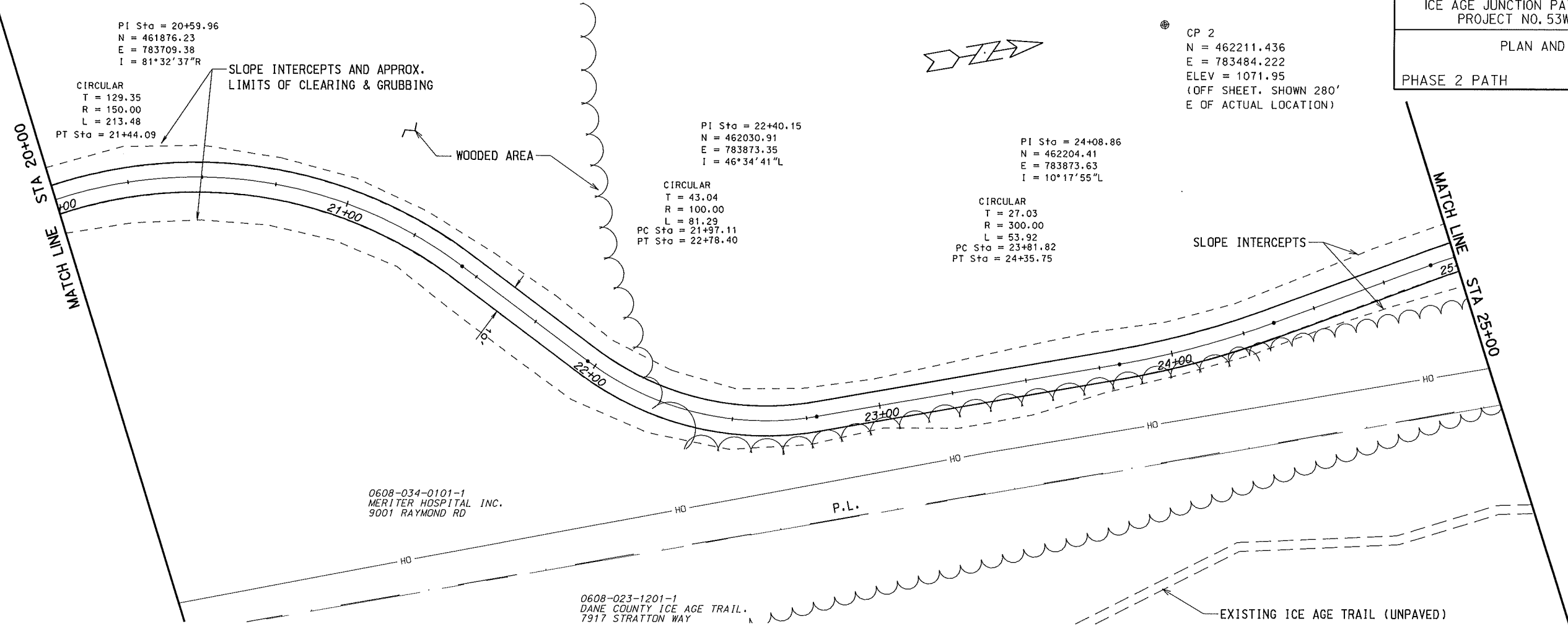
CIRCULAR
T = 129.35
R = 150.00
L = 213.48
PC Sta = 19+30.61

PI Sta = 18+48.80
N = 461700.15
E = 783832.10
I = 33°33'18"L

CIRCULAR
T = 60.30
R = 200.00
L = 117.13
PC Sta = 17+88.50
PT Sta = 19+05.63



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



ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PROPOSED STORM STRUCTURES							
STRUCT NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING EI	DEPTH	NOTES	
S-1	27+91.34	LT 13.79'	H INLET	1052.14	4.00	W/ R-1878-B7G	

PROPOSED STORM PIPES								
PIPE NO.	FROM (DWSTM)	TO (UPSTM)	LENGTH (FT)	DISCHARGE EI	INLET EI	SLOPE %	PIPE SIZE	NOTES
P-1	S-2	S-1	252	1038.45	1048.14	3.85%	18"	-

CP 40
N = 462585.931
E = 783525.341
ELEV = 1074.20
(OFF SHEET. SHOWN 240'
E OF ACTUAL LOCATION)

CIRCULAR
T = 32.60
R = 200.00
L = 64.64
PC Sta = 27+86.50
PT Sta = 28+51.14

PI Sta = 25+39.80
N = 462333.42
E = 783850.40
I = 27°00'01"R

CIRCULAR
T = 48.02
R = 200.00
L = 94.25
PT Sta = 25+86.03

0608-034-0101-1
MERITER HOSPITAL INC.
9001 RAYMOND RD

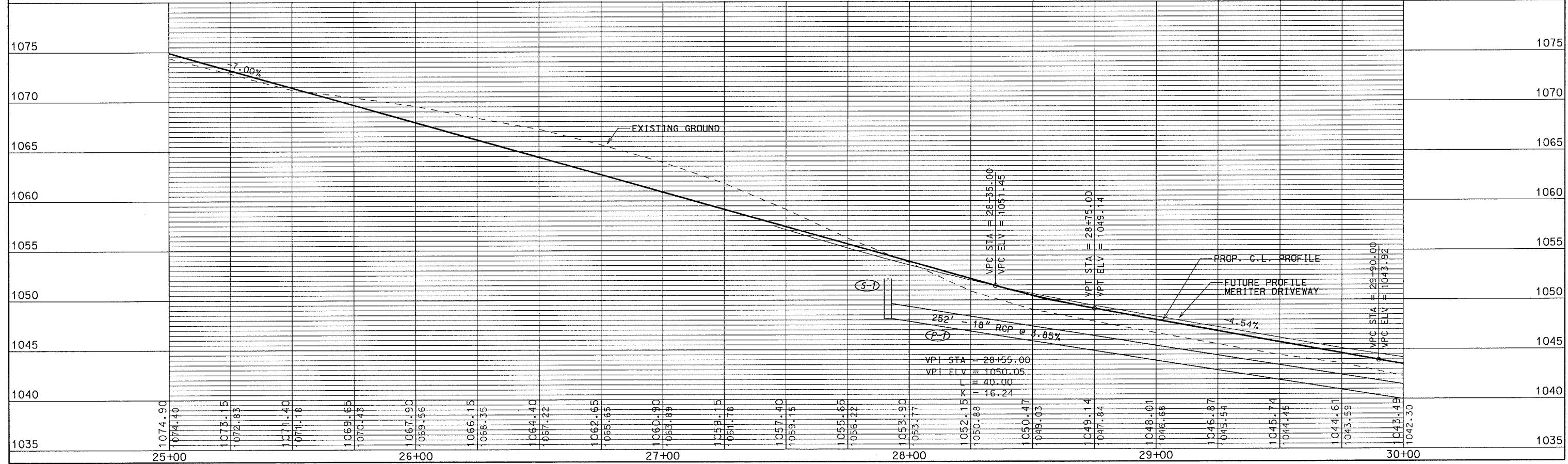
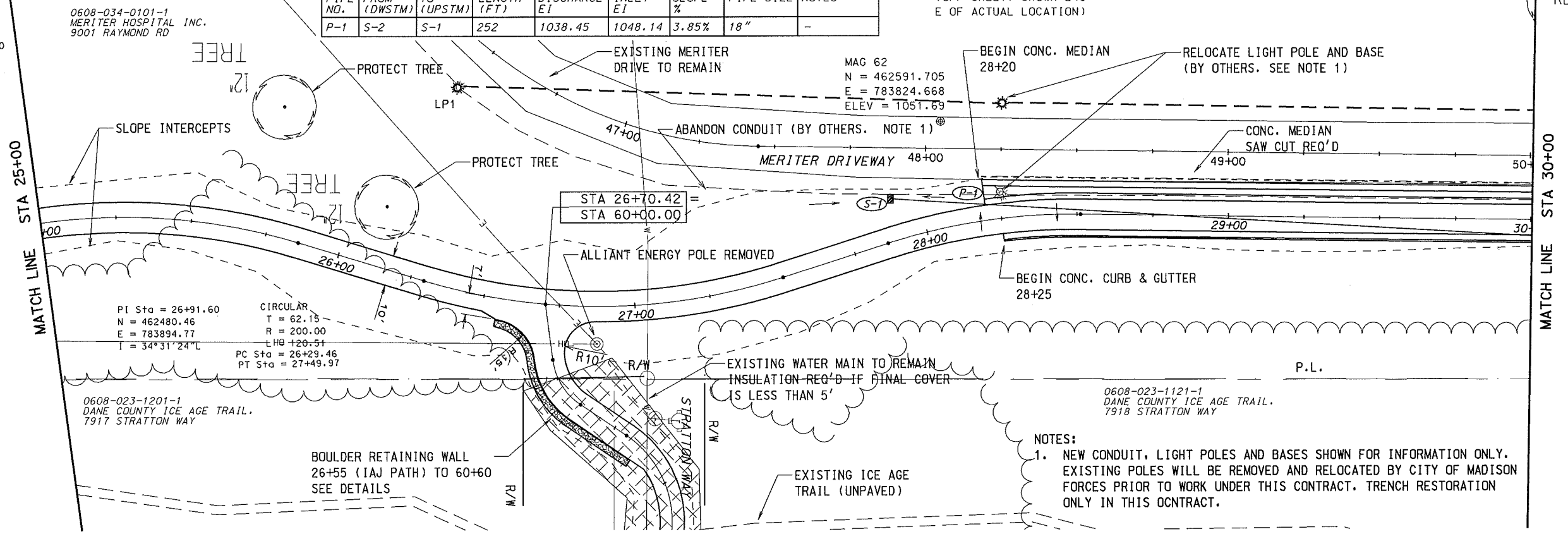
PI Sta = 26+91.60
N = 462480.46
E = 783894.77
I = 34°31'24"R

CIRCULAR
T = 62.15
R = 200.00
L = 126.51
PC Sta = 26+29.46
PT Sta = 27+49.97

0608-023-1201-1
DANE COUNTY ICE AGE TRAIL.
7917 STRATTON WAY

0608-023-1121-1
DANE COUNTY ICE AGE TRAIL.
7918 STRATTON WAY

- NOTES:
1. NEW CONDUIT, LIGHT POLES AND BASES SHOWN FOR INFORMATION ONLY. EXISTING POLES WILL BE REMOVED AND RELOCATED BY CITY OF MADISON FORCES PRIOR TO WORK UNDER THIS CONTRACT. TRENCH RESTORATION ONLY IN THIS CONTRACT.



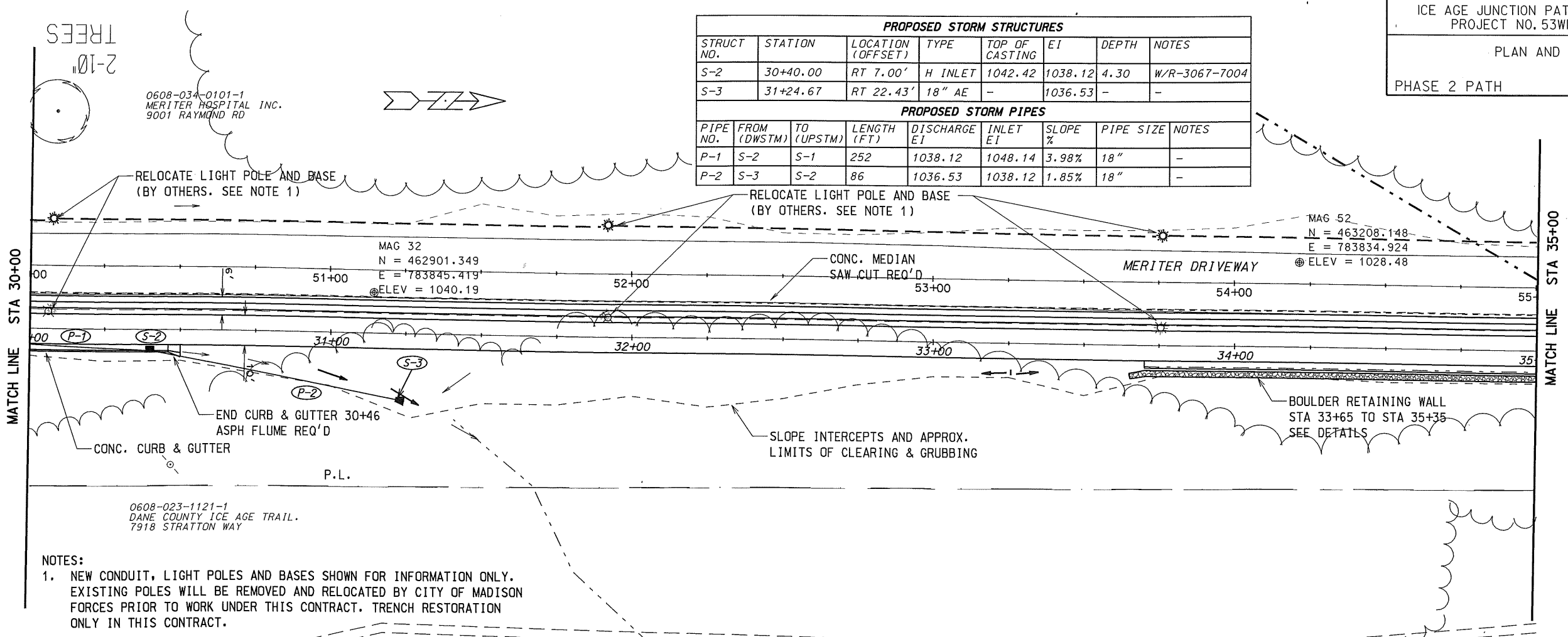
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE: 1" = 40'

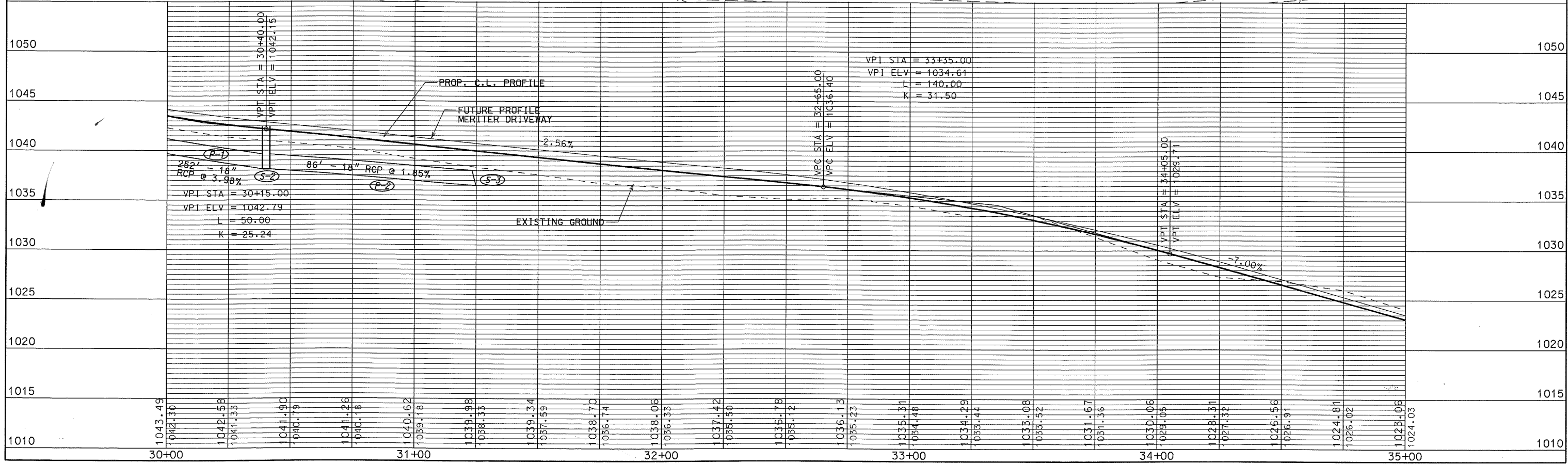
REV. DATE:

PROPOSED STORM STRUCTURES							
STRUCT NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	EI	DEPTH	NOTES
S-2	30+40.00	RT 7.00'	H INLET	1042.42	1038.12	4.30	W/R-3067-7004
S-3	31+24.67	RT 22.43'	18" AE	-	1036.53	-	-

PROPOSED STORM PIPES								
PIPE NO.	FROM (DWSTM)	TO (UPSTM)	LENGTH (FT)	DISCHARGE EI	INLET EI	SLOPE %	PIPE SIZE	NOTES
P-1	S-2	S-1	252	1038.12	1048.14	3.98%	18"	-
P-2	S-3	S-2	86	1036.53	1038.12	1.85%	18"	-



NOTES:
1. NEW CONDUIT, LIGHT POLES AND BASES SHOWN FOR INFORMATION ONLY. EXISTING POLES WILL BE REMOVED AND RELOCATED BY CITY OF MADISON FORCES PRIOR TO WORK UNDER THIS CONTRACT. TRENCH RESTORATION ONLY IN THIS CONTRACT.



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

PLAN AND PROFILE
PHASE 2 PATH CITY OF MADISON

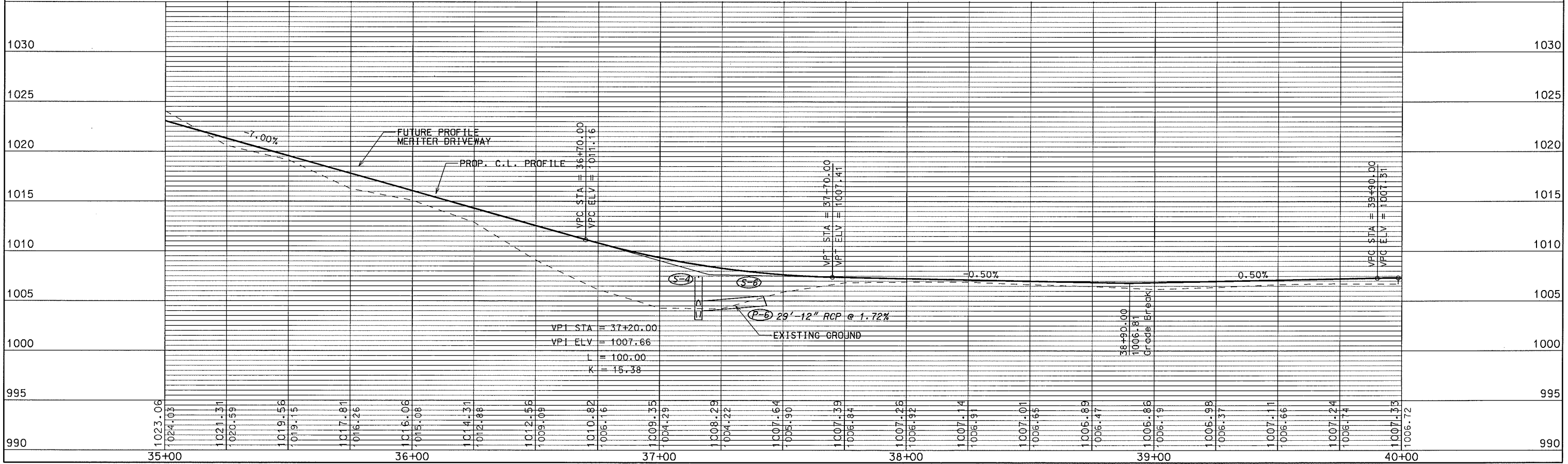
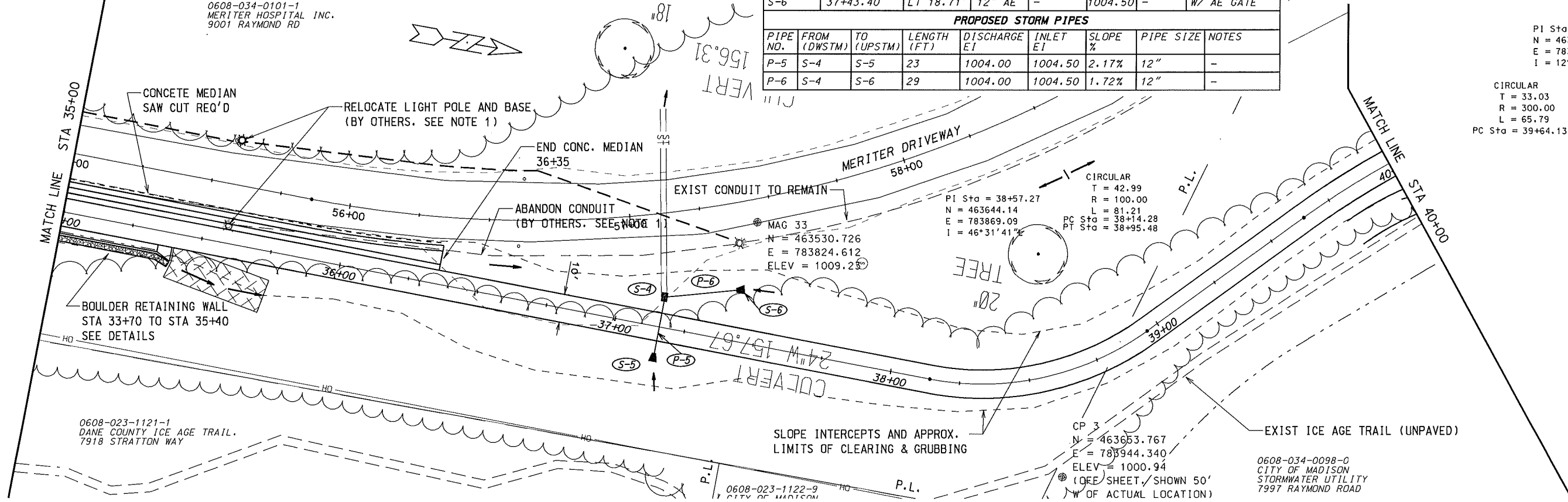
NOTES:
1. NEW CONDUIT, LIGHT POLES AND BASES SHOWN FOR INFORMATION ONLY. EXISTING POLES WILL BE REMOVED AND RELOCATED BY CITY OF MADISON FORCES PRIOR TO WORK UNDER THIS CONTRACT. TRENCH RESTORATION ONLY IN THIS CONTRACT.
0608-034-0101-1
MERITER HOSPITAL INC.
9001 RAYMOND RD

PROPOSED STORM STRUCTURES							
STRUCT NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	EI	DEPTH	NOTES
S-4	37+15.79	LT 10.70'	H INLET	1007.40	1003.10	4.30	W/ R-1878-B7G
S-5	37+15.90	RT 12.44'	12" AE	-	1004.50	-	W/ AE GATE
S-6	37+43.40	LT 18.71'	12" AE	-	1004.50	-	W/ AE GATE

PROPOSED STORM PIPES								
PIPE NO.	FROM (DWSTM)	TO (UPSTM)	LENGTH (FT)	DISCHARGE EI	INLET EI	SLOPE %	PIPE SIZE	NOTES
P-5	S-4	S-5	23	1004.00	1004.50	2.17%	12"	-
P-6	S-4	S-6	29	1004.00	1004.50	1.72%	12"	-

PI Sta = 39+97.15
N = 463745.11
E = 783765.49
I = 12°33'52"R

CIRCULAR
T = 33.03
R = 300.00
L = 65.79
PC Sta = 39+64.13



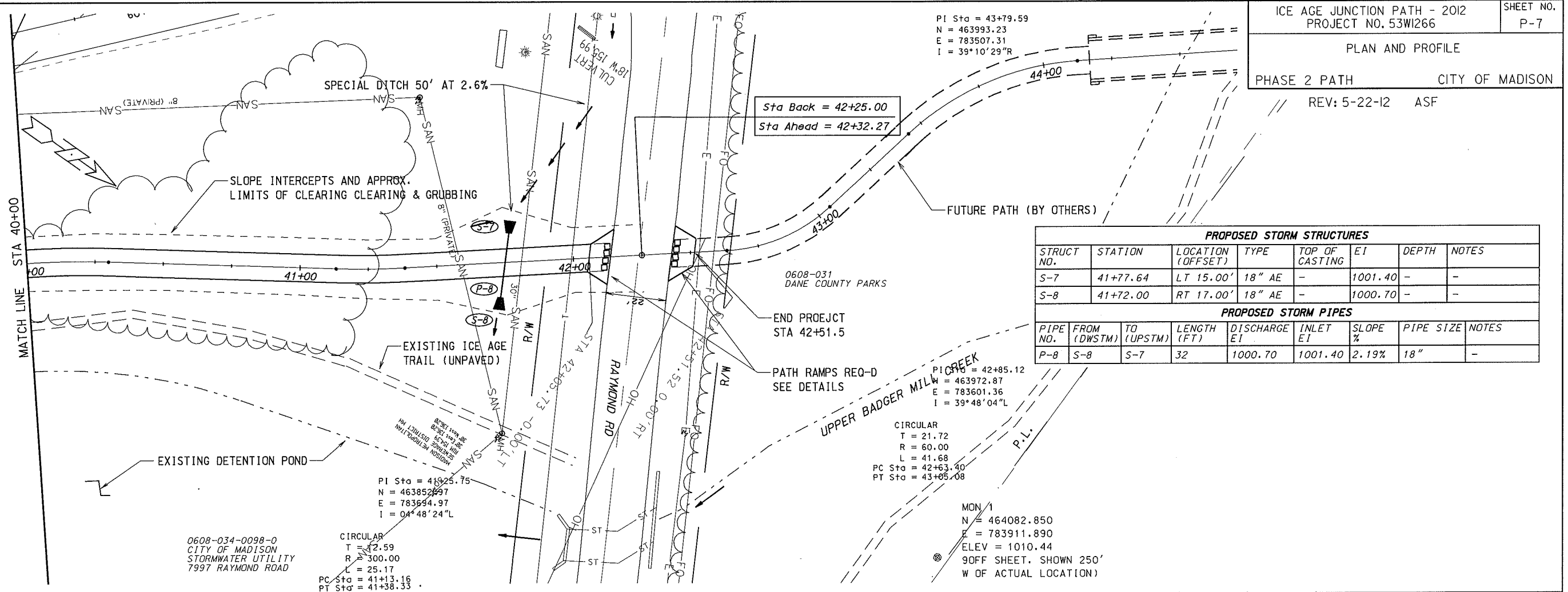
PLOT SCALE: _____
PLOT NAME: _____
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, SIBELIS DIVISION

PI Sta = 39+97.15
N = 463745.11
E = 783765.49
I = 12°33'52"R

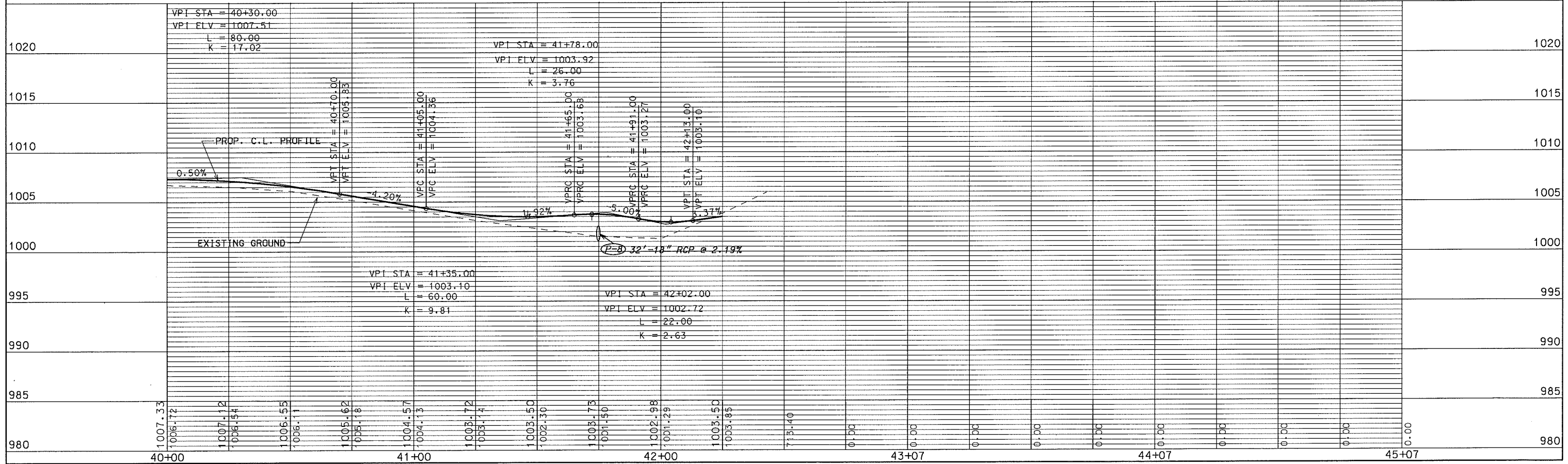
CIRCULAR
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R = 300.00
L = 65.79
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PT Sta = 40+29.91

PI Sta = 43+79.59
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I = 39°10'29"R

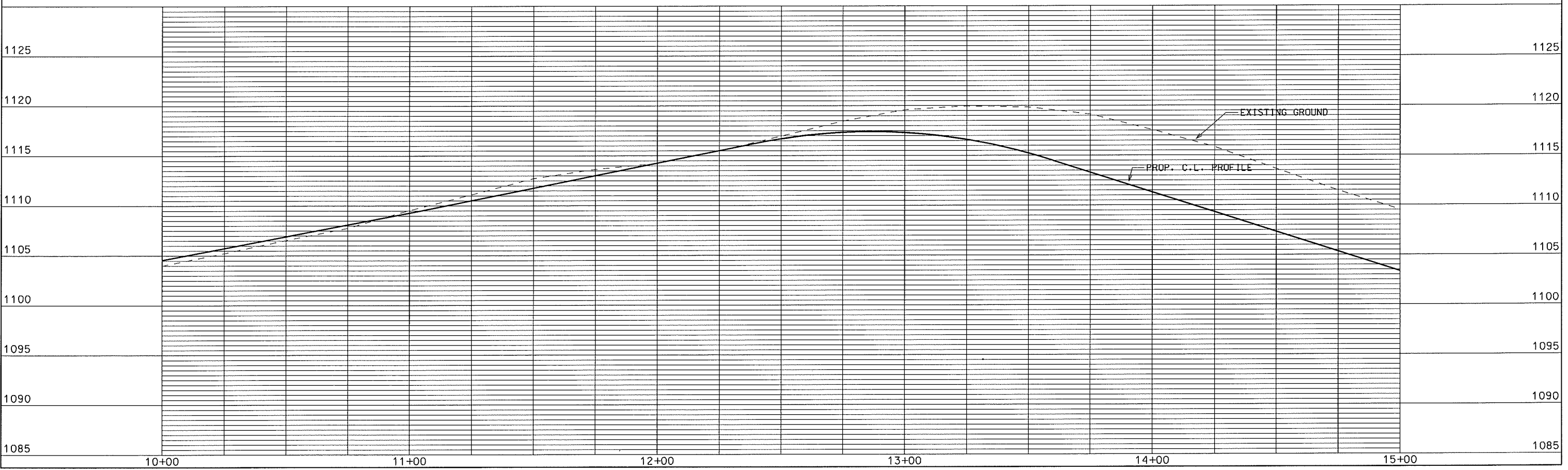
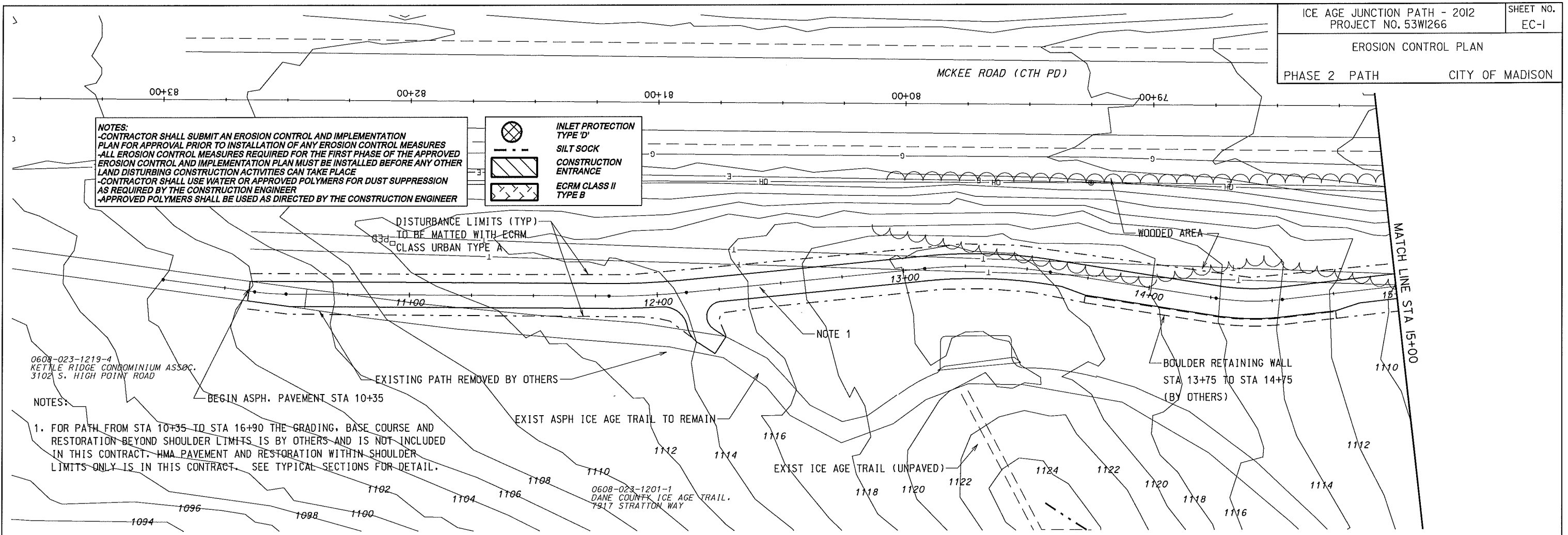


PROPOSED STORM STRUCTURES							
STRUCT NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	EI	DEPTH	NOTES
S-7	41+77.64	LT 15.00'	18" AE	-	1001.40	-	-
S-8	41+72.00	RT 17.00'	18" AE	-	1000.70	-	-

PROPOSED STORM PIPES								
PIPE NO.	FROM (DWSM)	TO (UPSTM)	LENGTH (FT)	DISCHARGE EI	INLET EI	SLOPE %	PIPE SIZE	NOTES
P-8	S-8	S-7	32	1000.70	1001.40	2.19%	18"	-



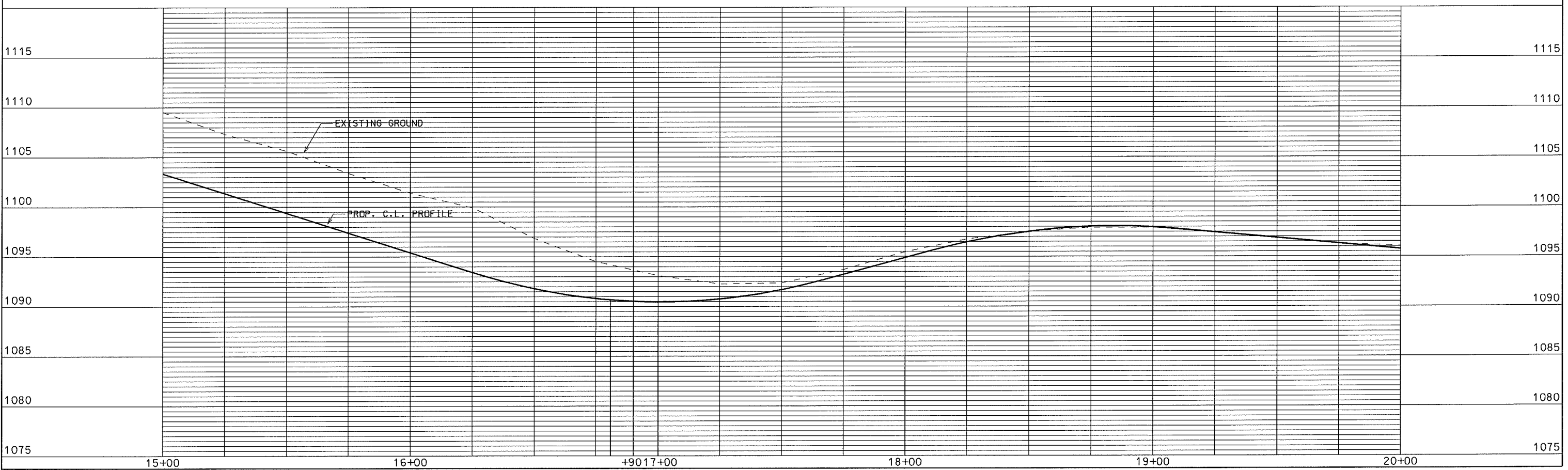
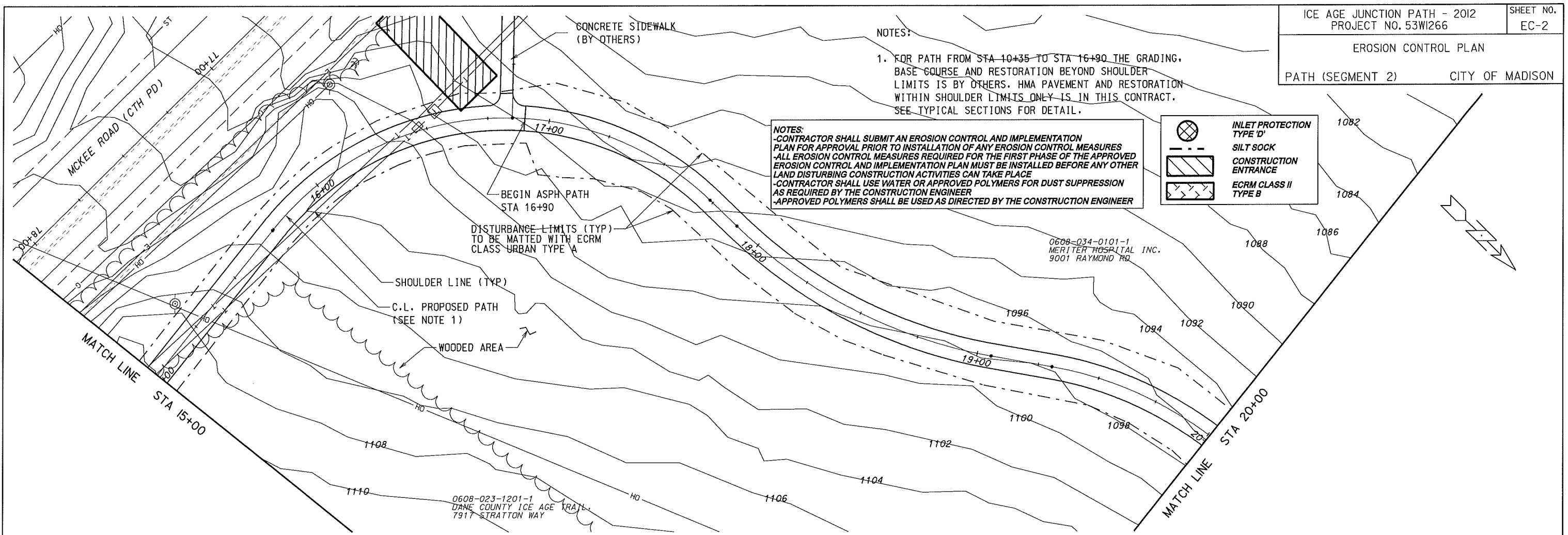
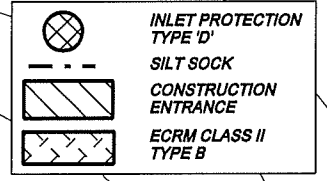
PLOT SCALE: REV. DATE: ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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

NOTES:
 1. FOR PATH FROM STA 14+35 TO STA 16+90 THE GRADING, BASE COURSE AND RESTORATION BEYOND SHOULDER LIMITS IS BY OTHERS. HMA PAVEMENT AND RESTORATION WITHIN SHOULDER LIMITS ONLY IS IN THIS CONTRACT. SEE TYPICAL SECTIONS FOR DETAIL.

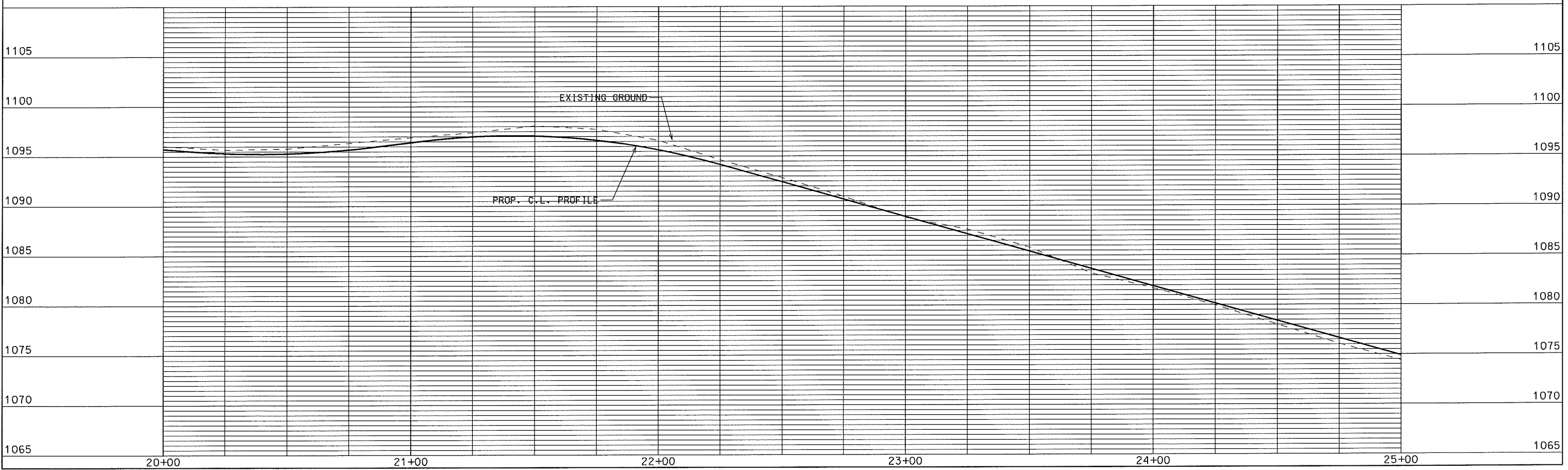
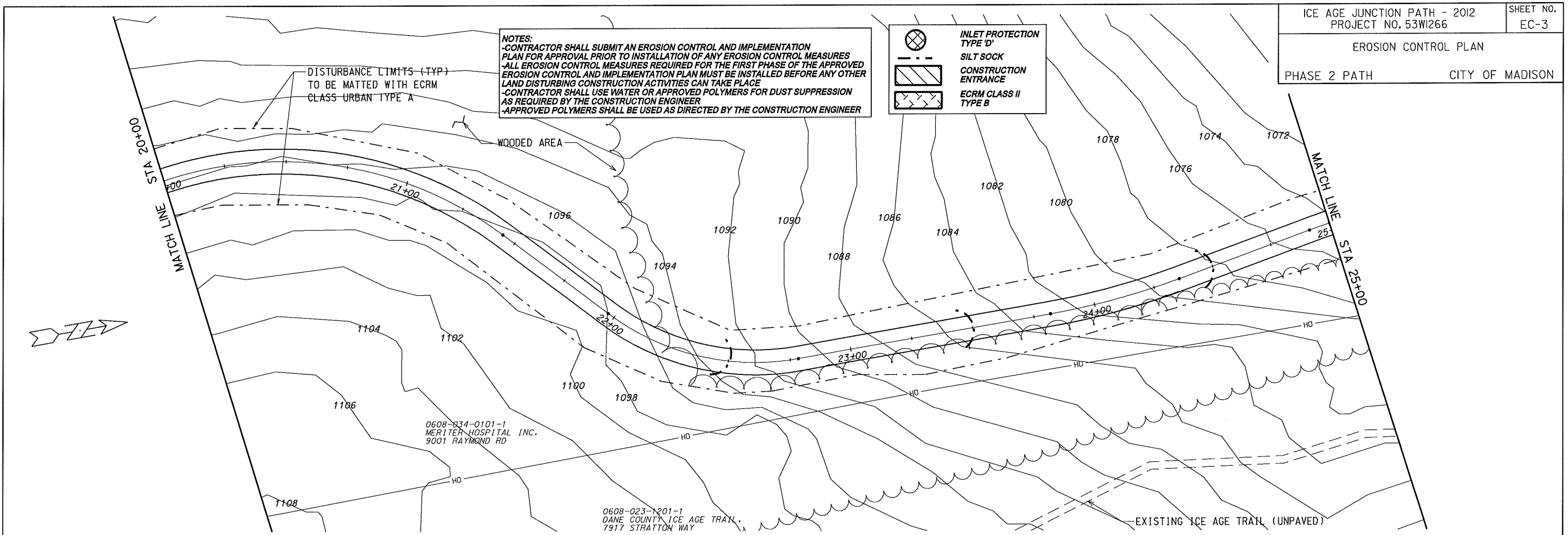
NOTES:
 -CONTRACTOR SHALL SUBMIT AN EROSION CONTROL AND IMPLEMENTATION PLAN FOR APPROVAL PRIOR TO INSTALLATION OF ANY EROSION CONTROL MEASURES
 -ALL EROSION CONTROL MEASURES REQUIRED FOR THE FIRST PHASE OF THE APPROVED EROSION CONTROL AND IMPLEMENTATION PLAN MUST BE INSTALLED BEFORE ANY OTHER LAND DISTURBING CONSTRUCTION ACTIVITIES CAN TAKE PLACE
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 -APPROVED POLYMERS SHALL BE USED AS DIRECTED BY THE CONSTRUCTION ENGINEER



PLOT SCALE: _____
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 ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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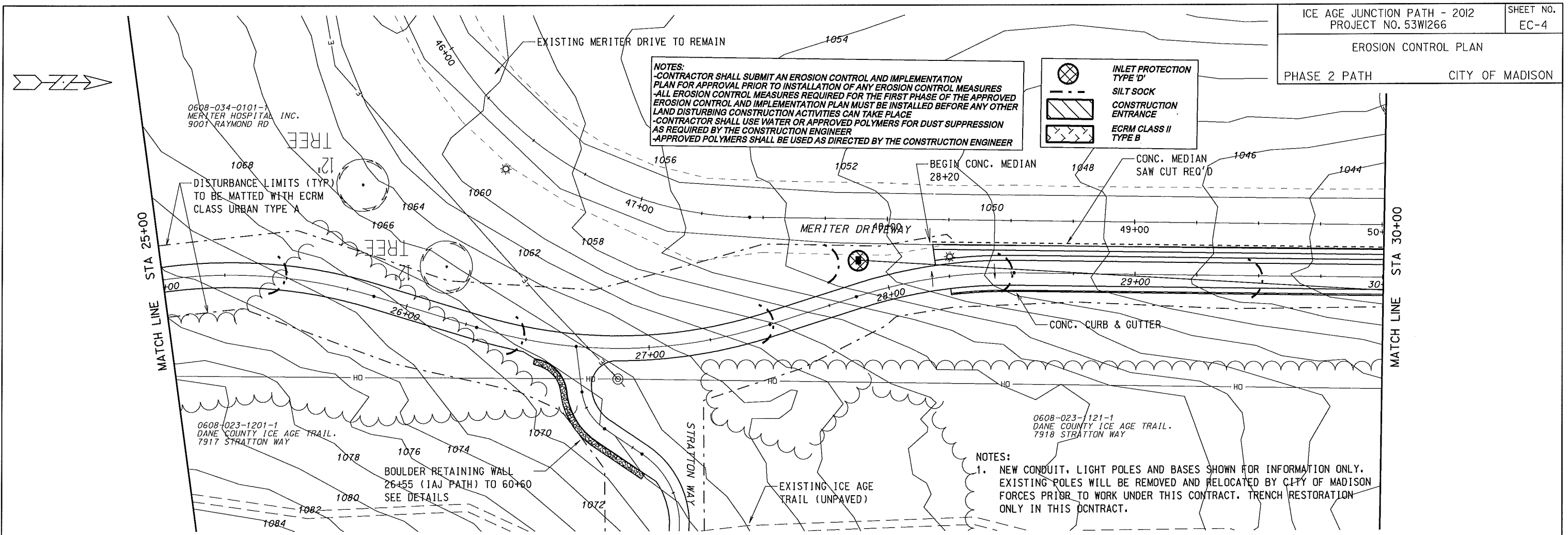
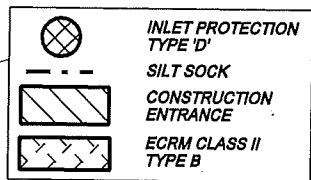
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SILT SOCK
CONSTRUCTION ENTRANCE
ECRM CLASS II TYPE B



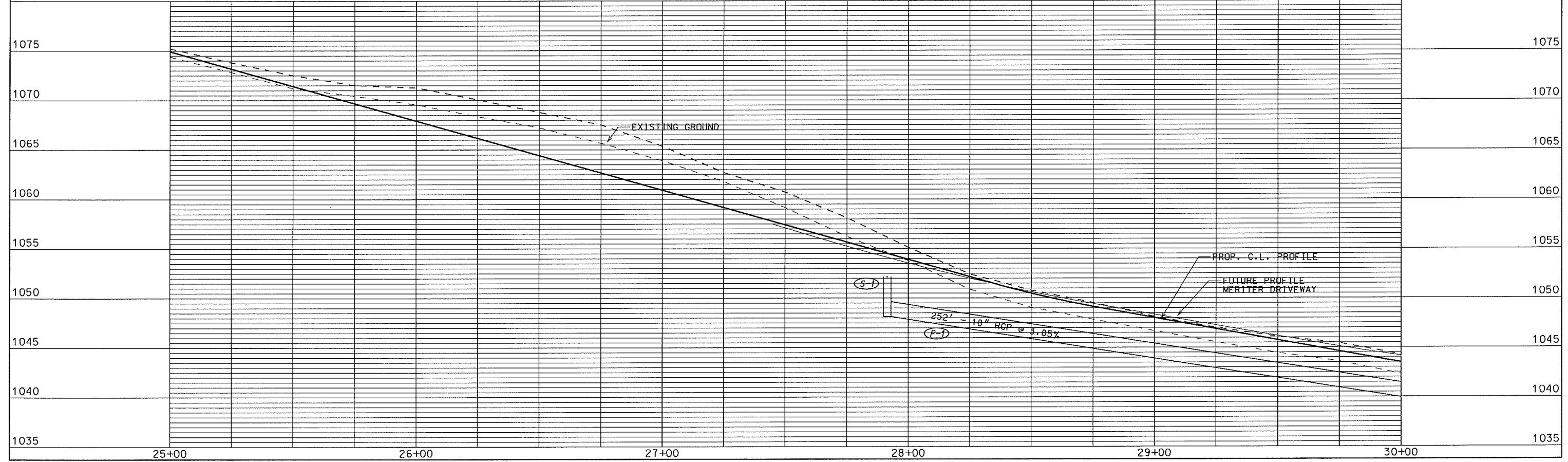
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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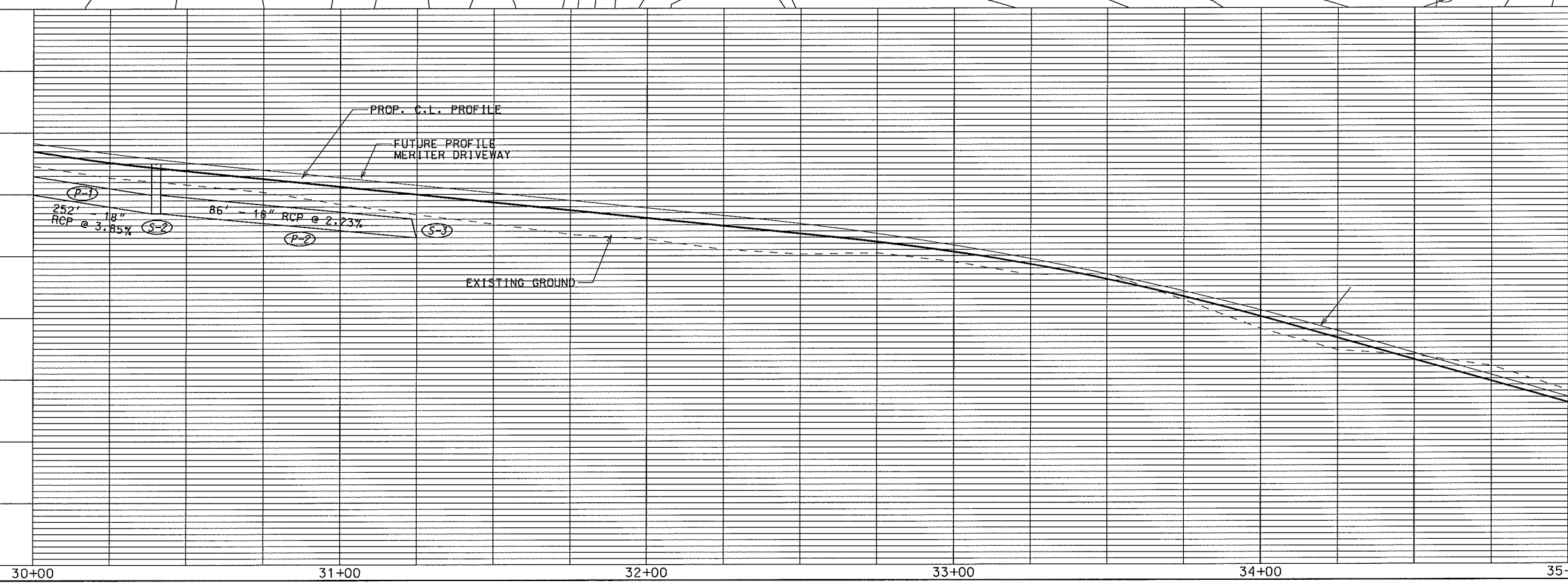
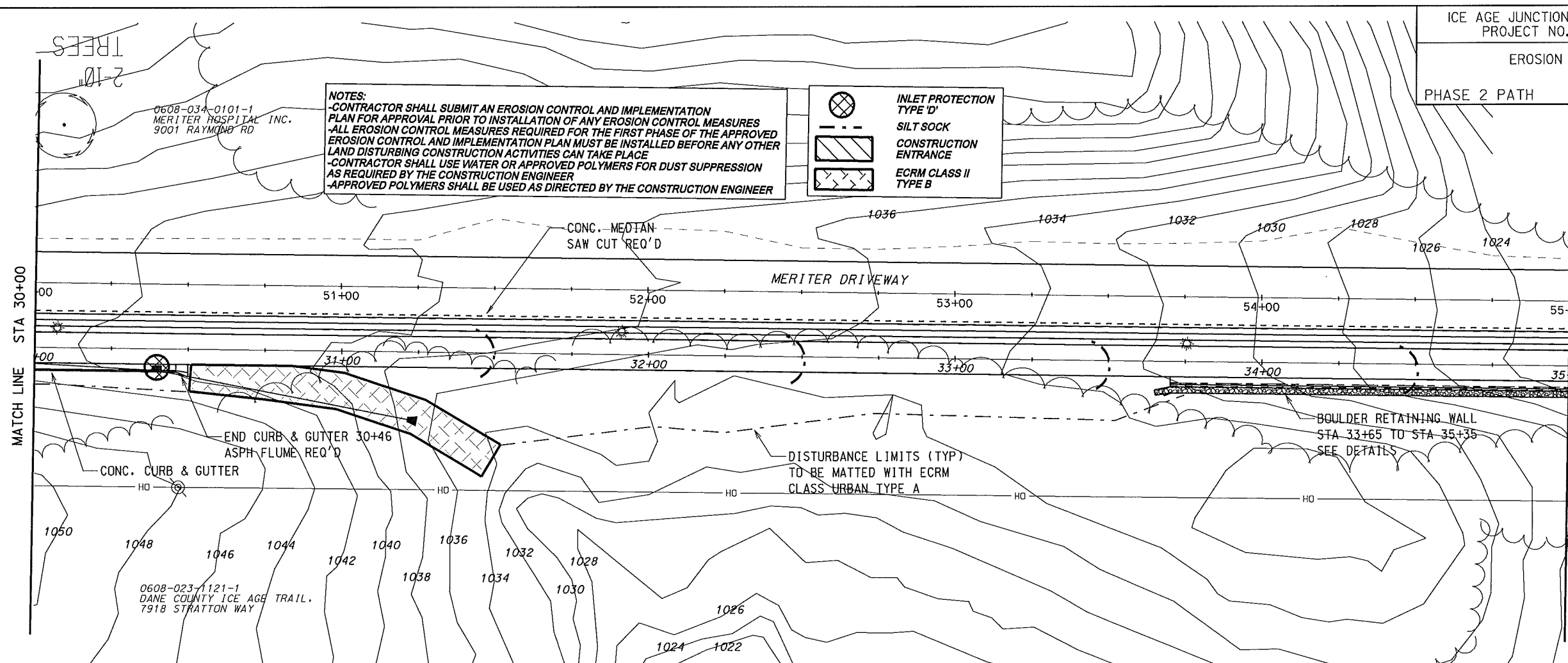
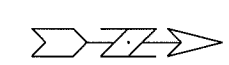


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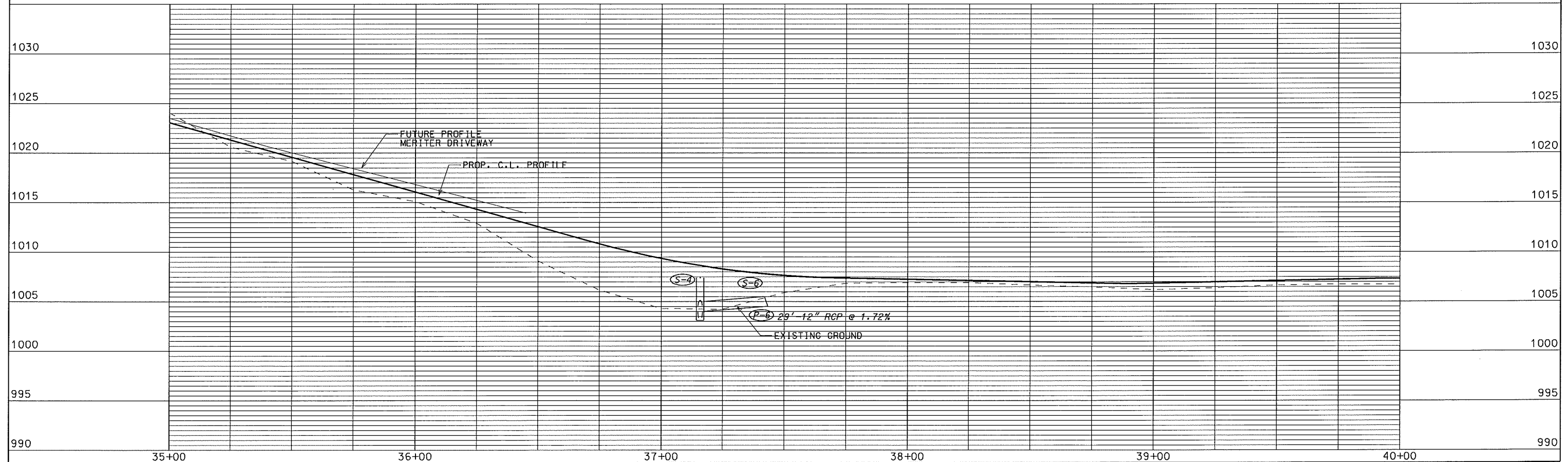
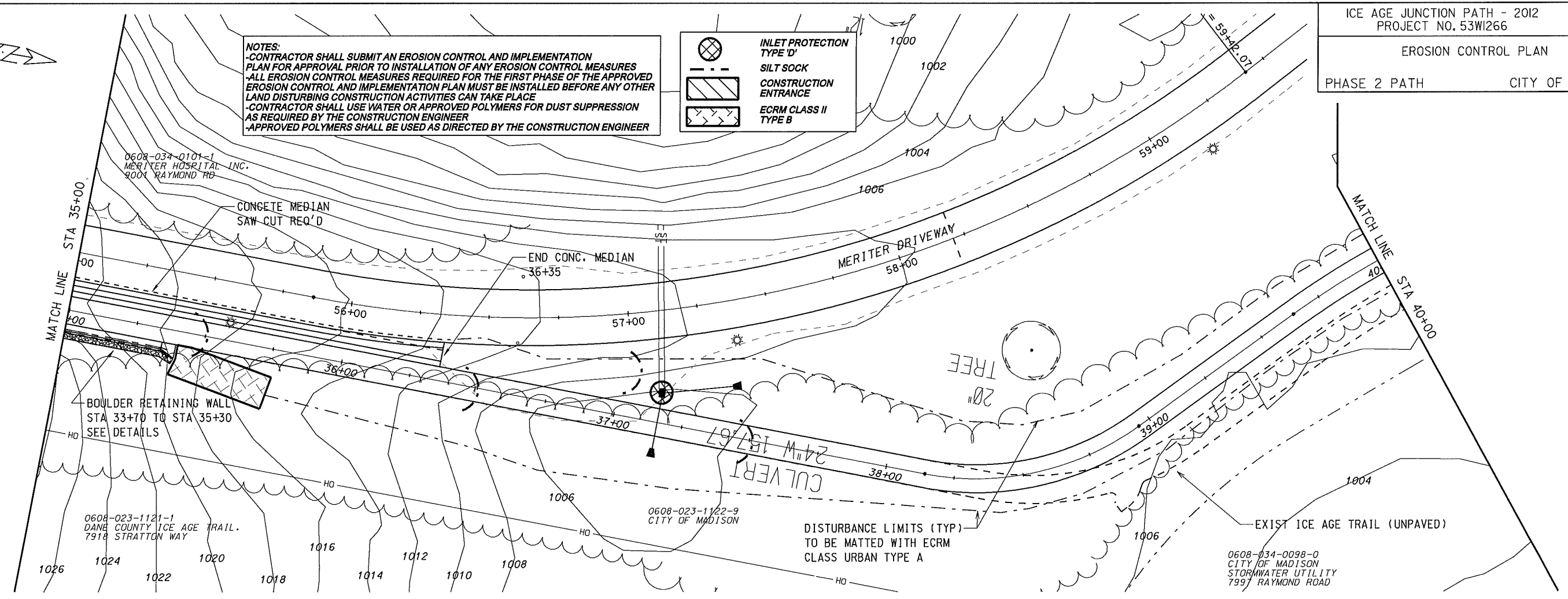
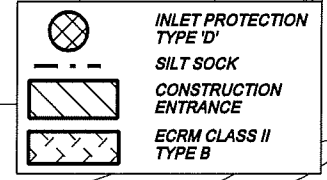
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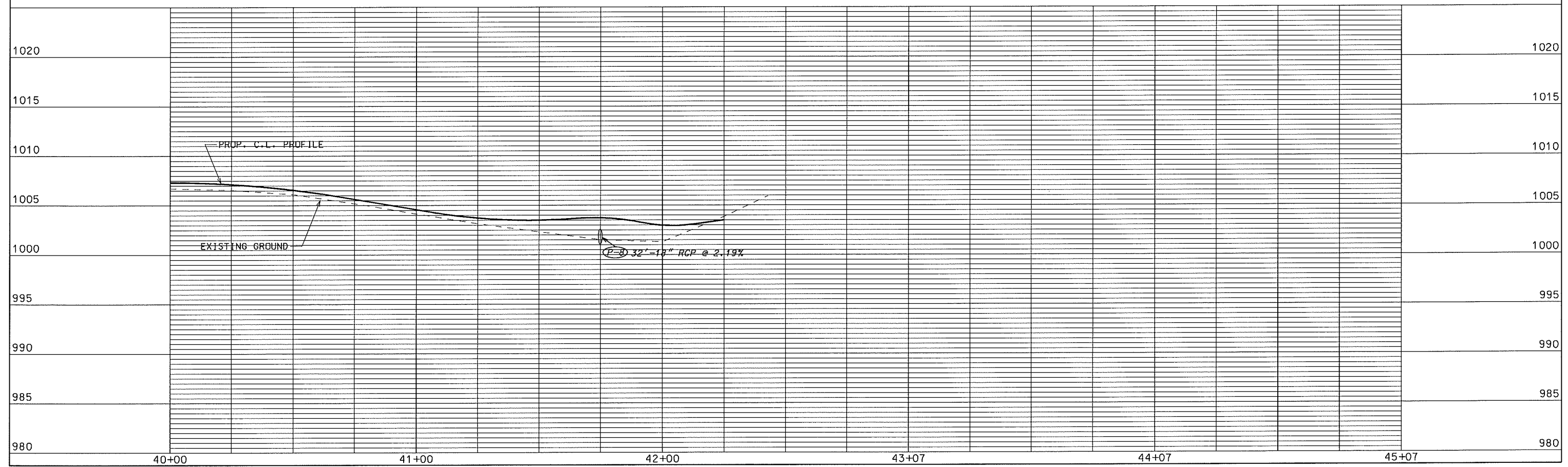
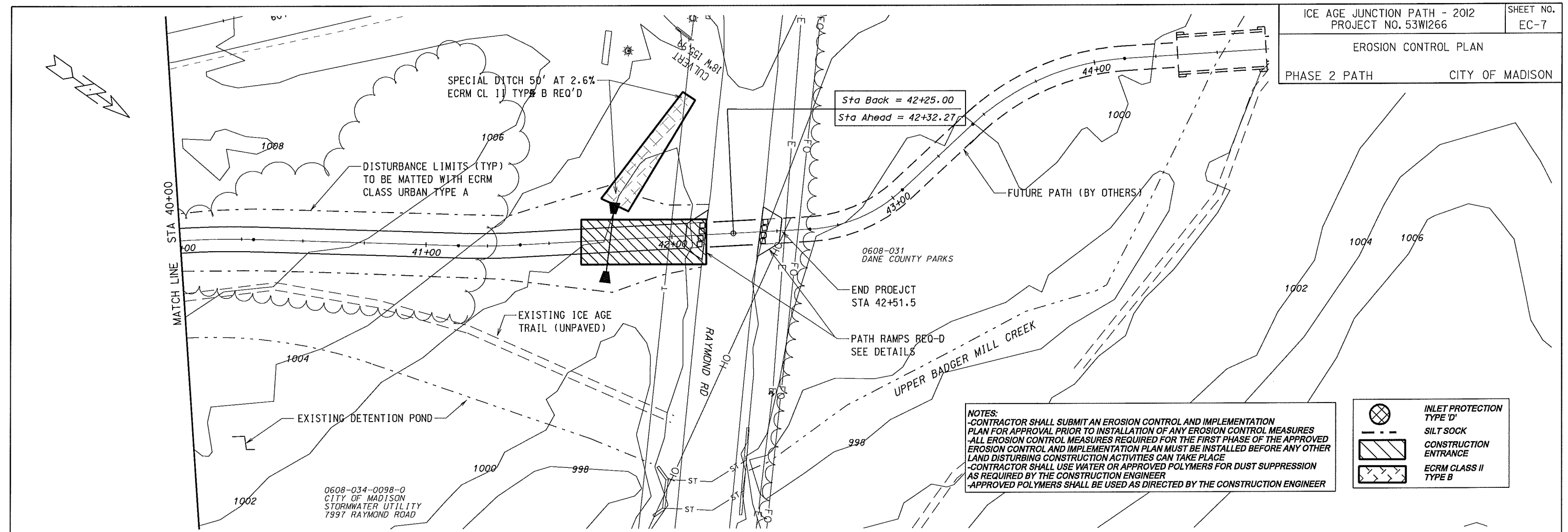
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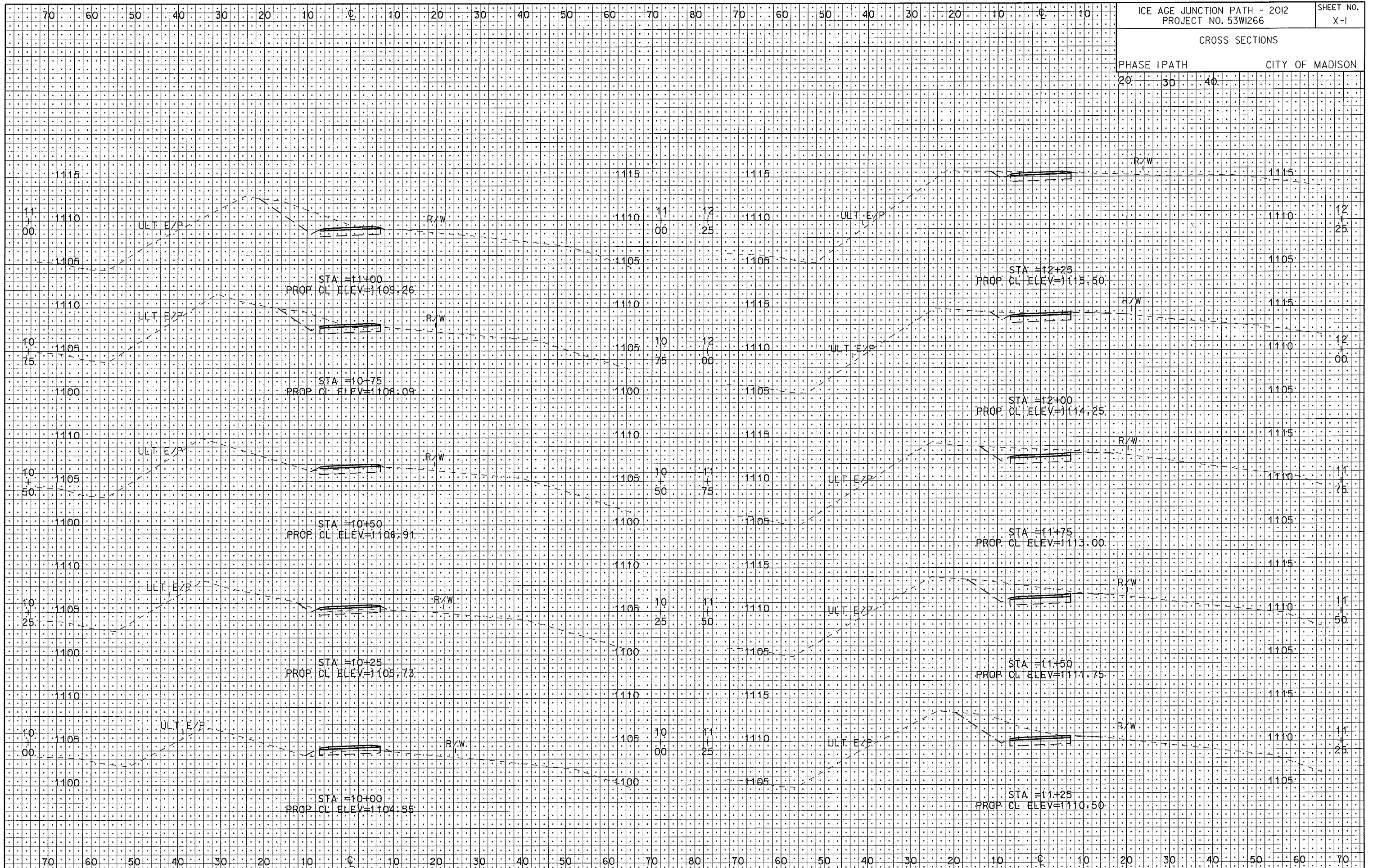
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 ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

PHASE I PATH CITY OF MADISON

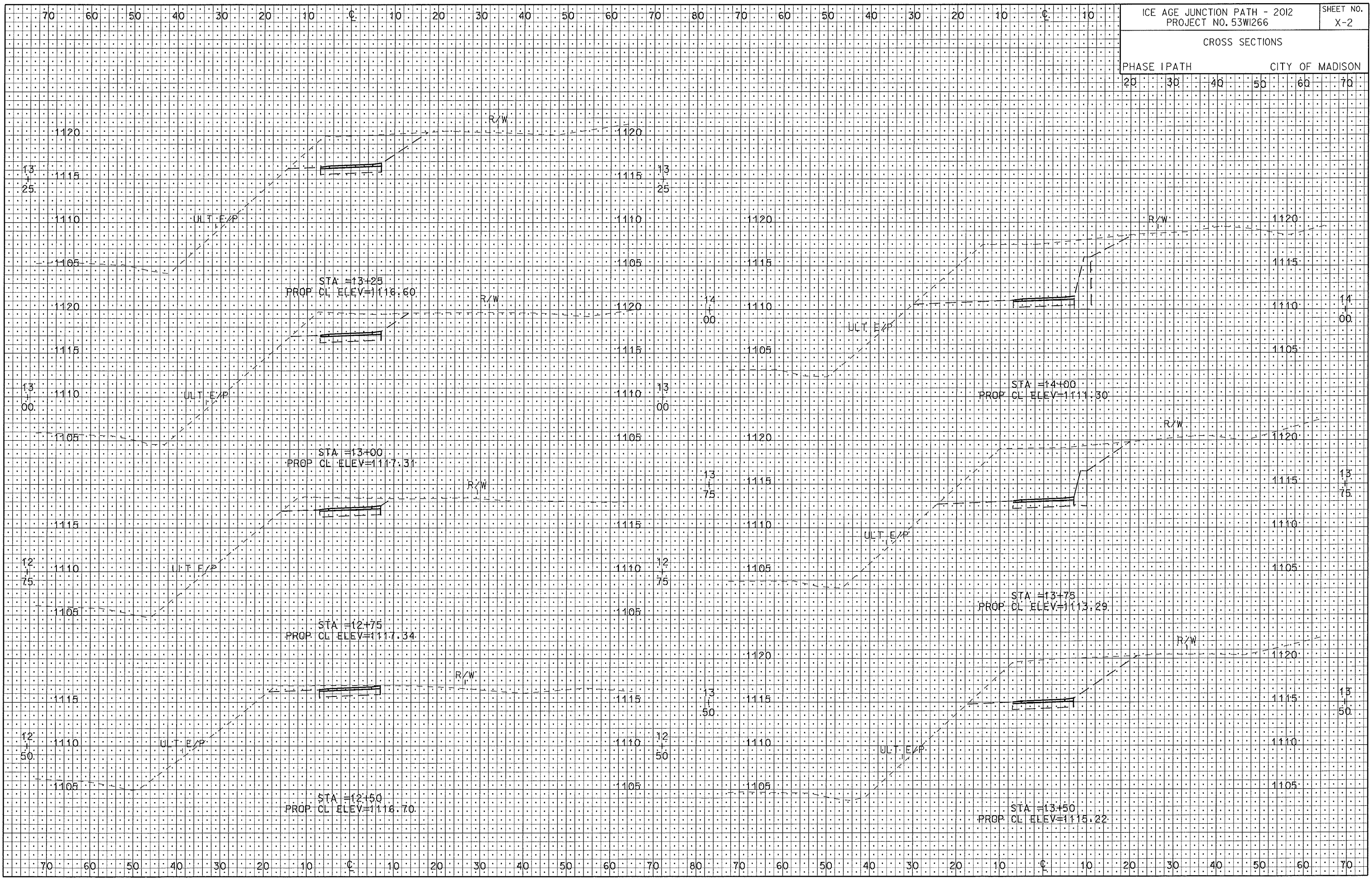
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

PHASE I PATH CITY OF MADISON



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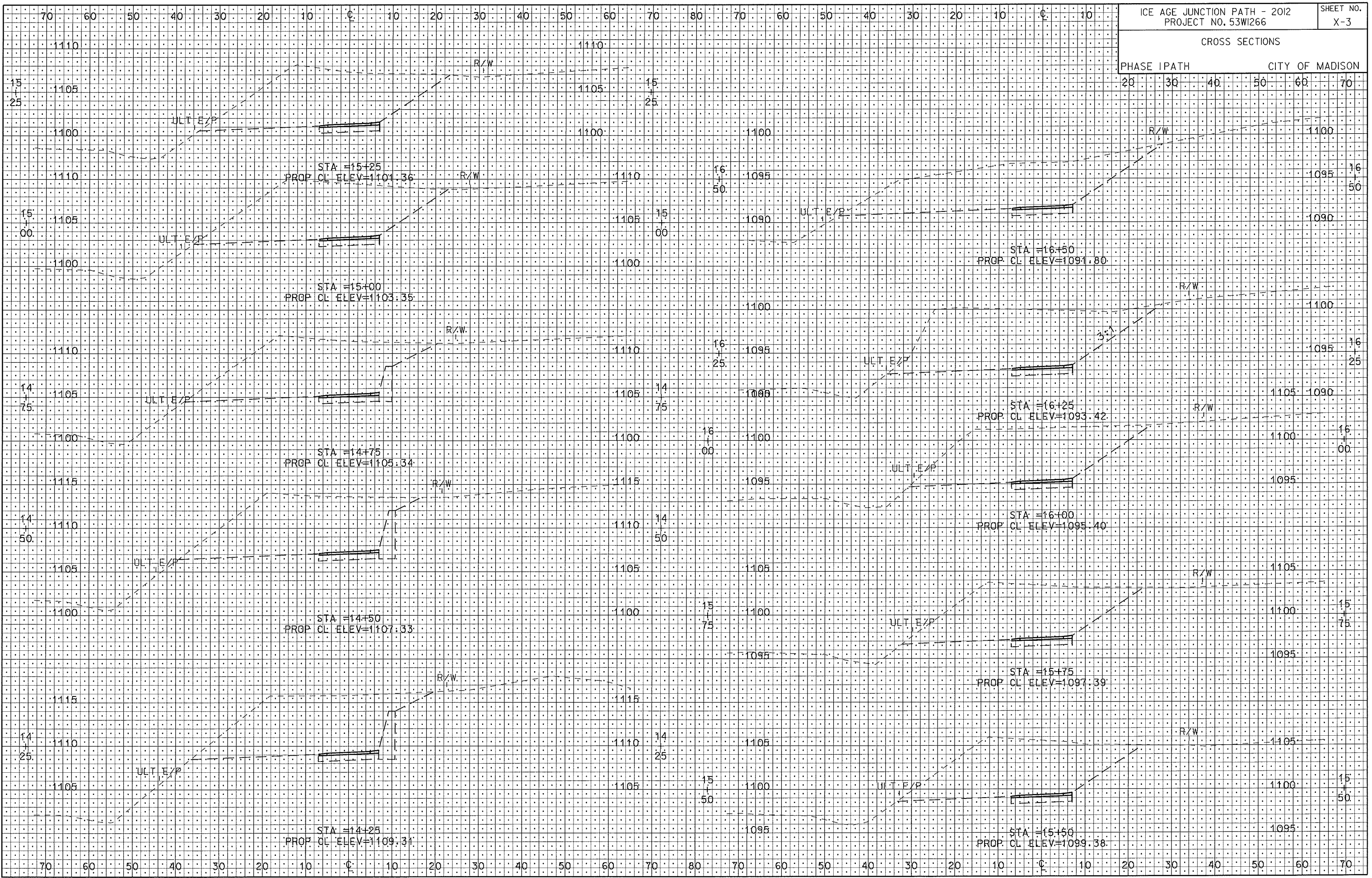
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

PHASE I PATH CITY OF MADISON



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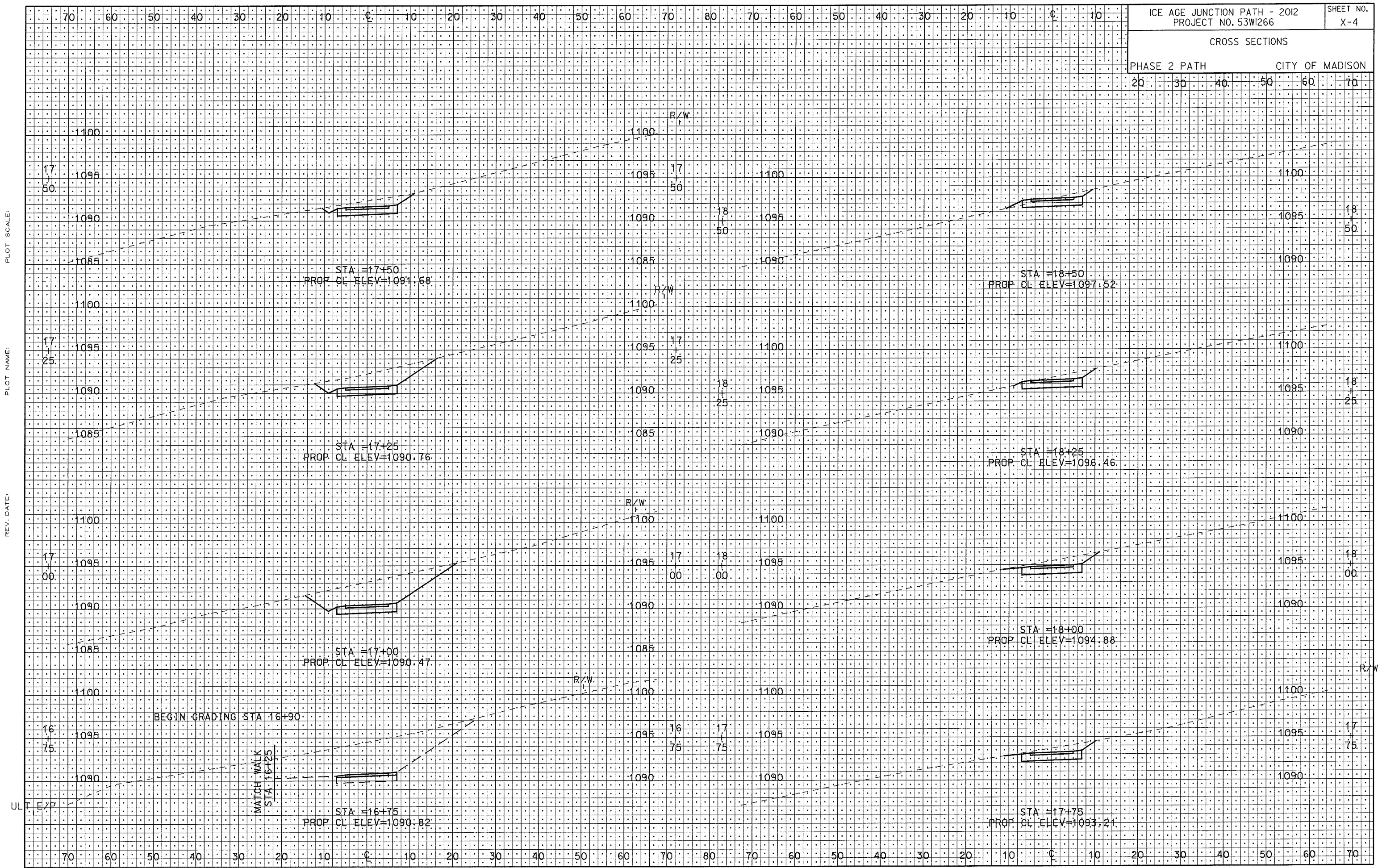
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

PHASE 2 PATH CITY OF MADISON



PLOT SCALE:

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REV. DATE:

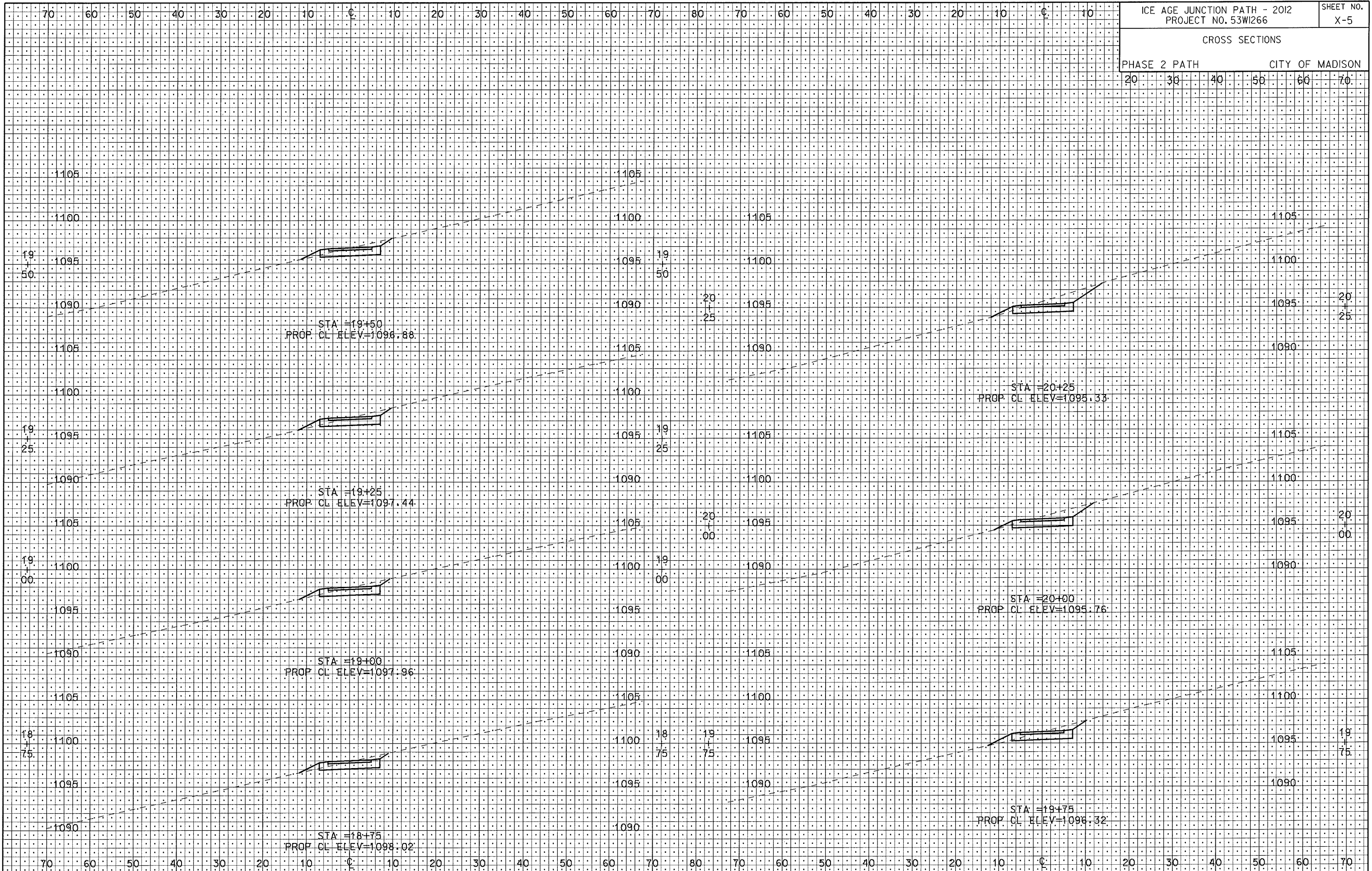
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

PHASE 2 PATH CITY OF MADISON

20 30 40 50 60 70



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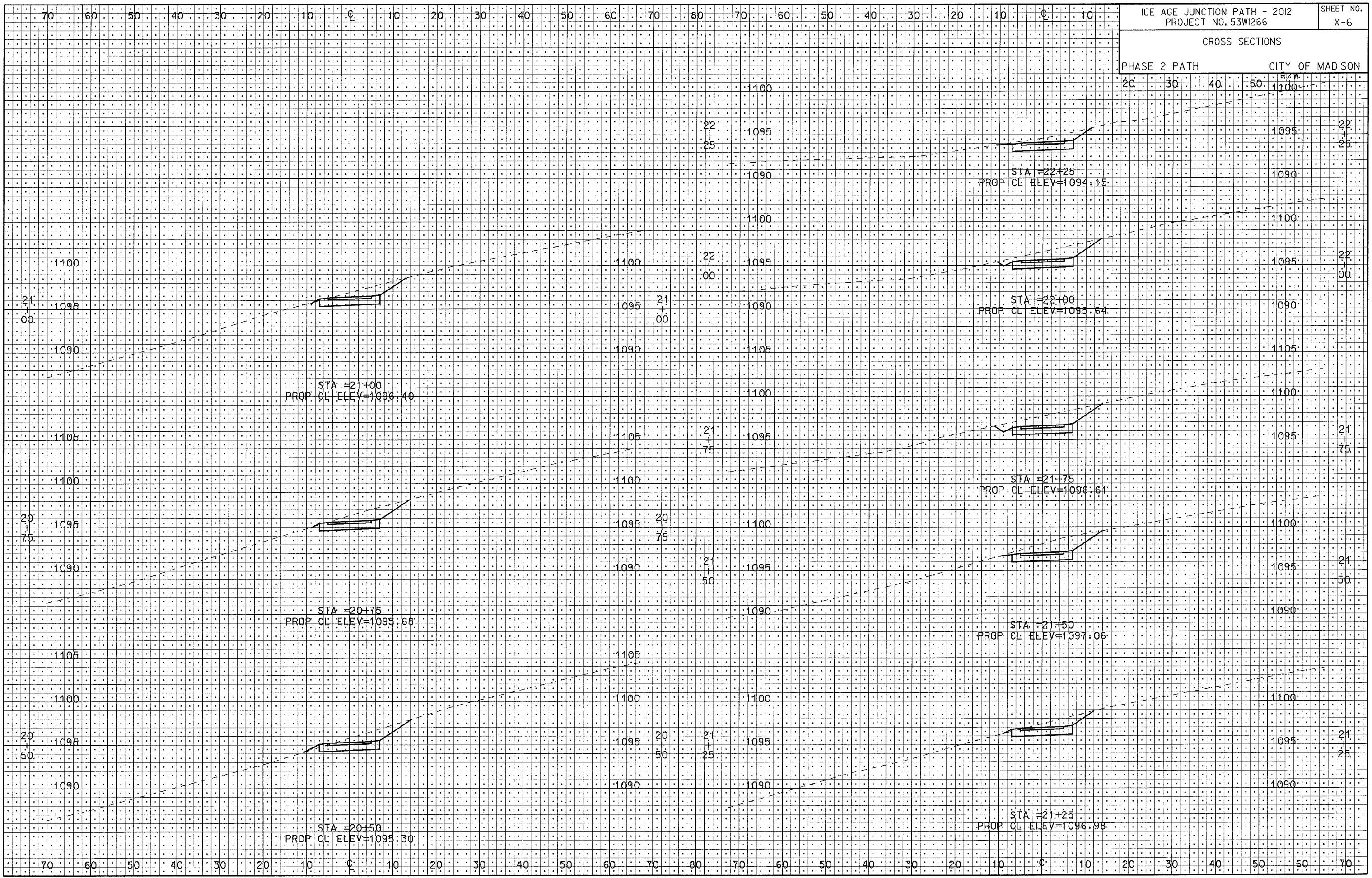
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

PHASE 2 PATH CITY OF MADISON

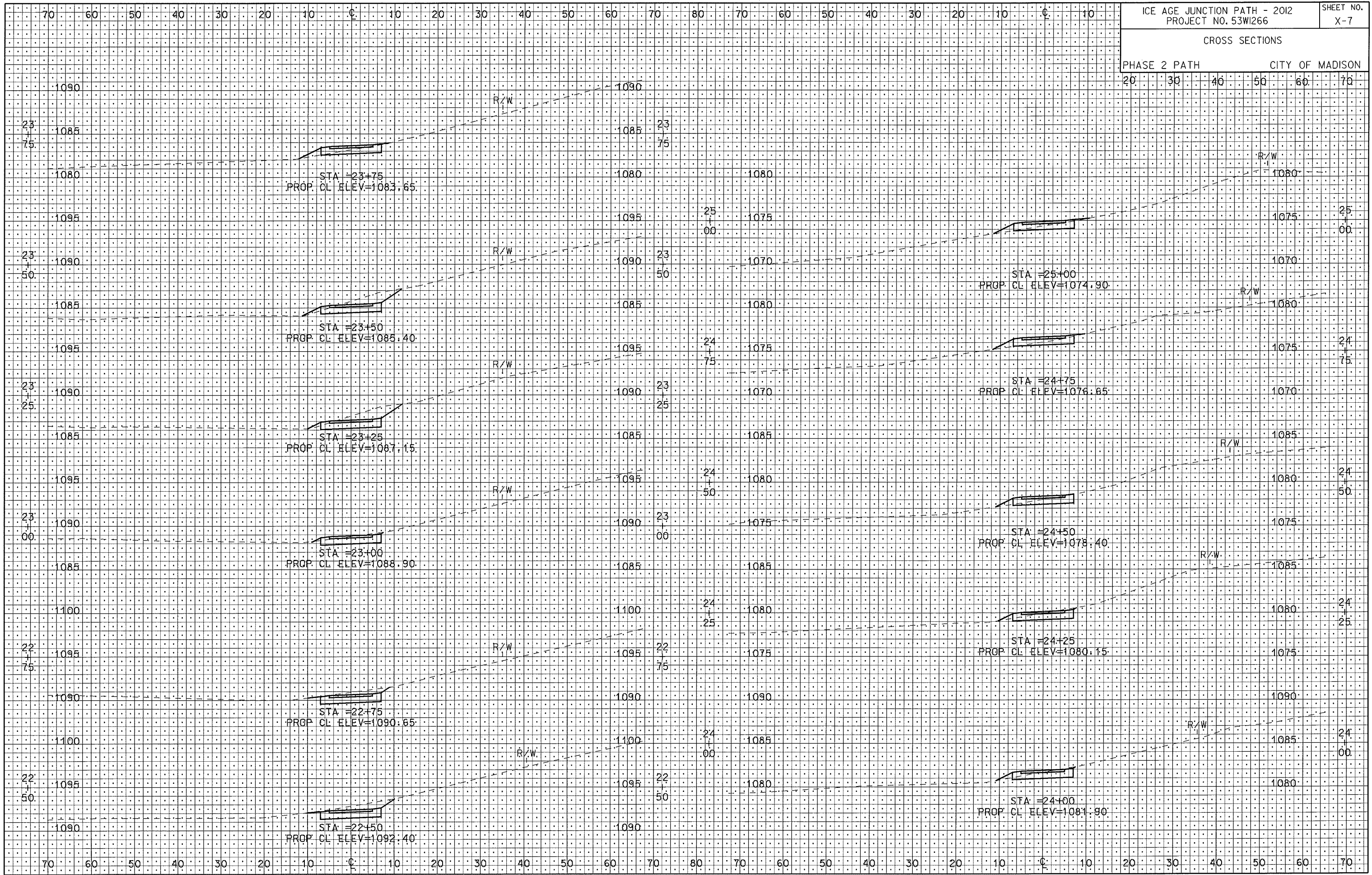


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ORIGINATOR: CITY OF MADISON - STREETS DIVISION

CROSS SECTIONS

PHASE 2 PATH CITY OF MADISON



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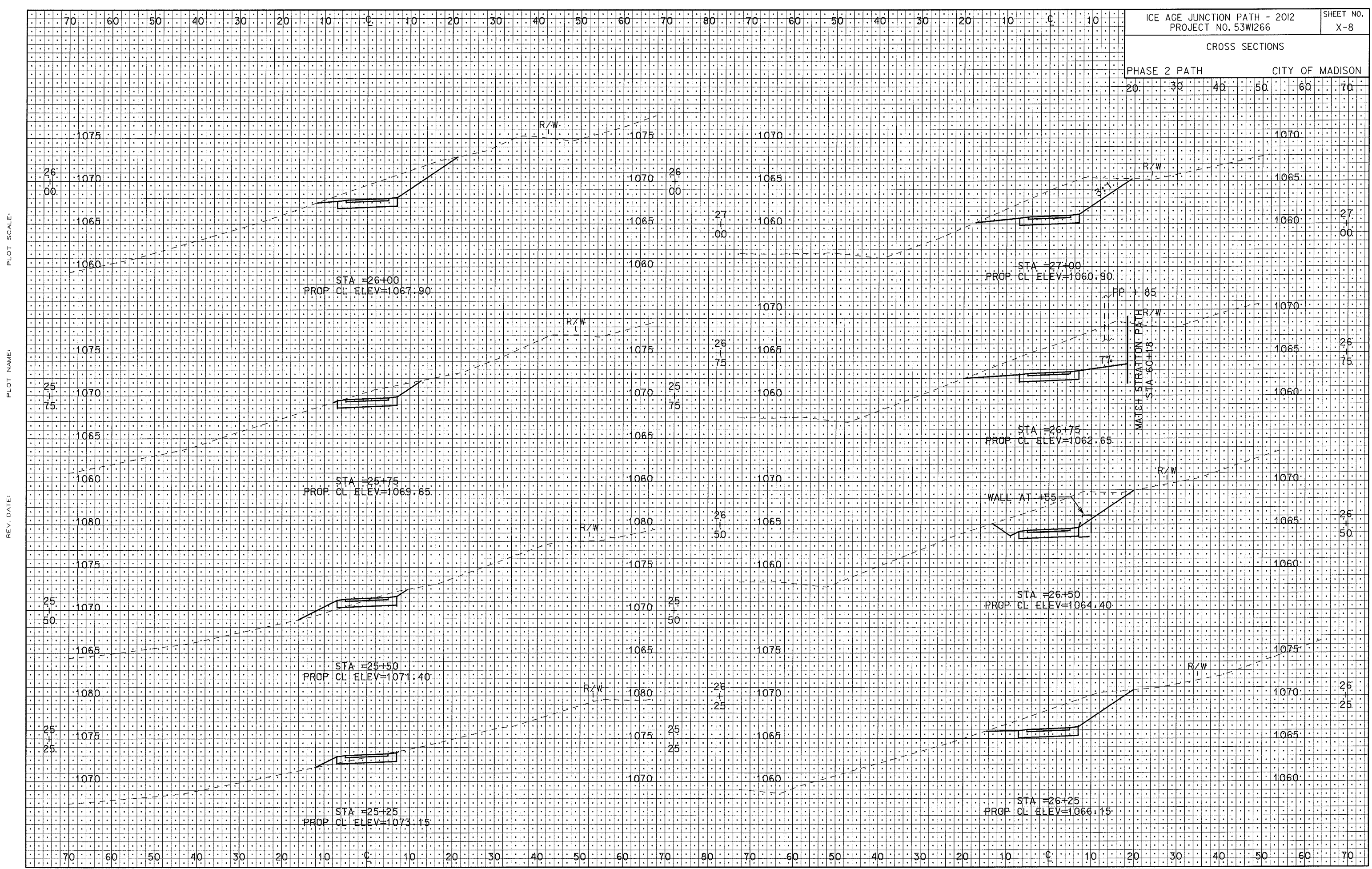
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ORIGINATOR: CITY OF MADISON - STREETS DIVISION

CROSS SECTIONS

PHASE 2 PATH CITY OF MADISON



PLOT SCALE:

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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

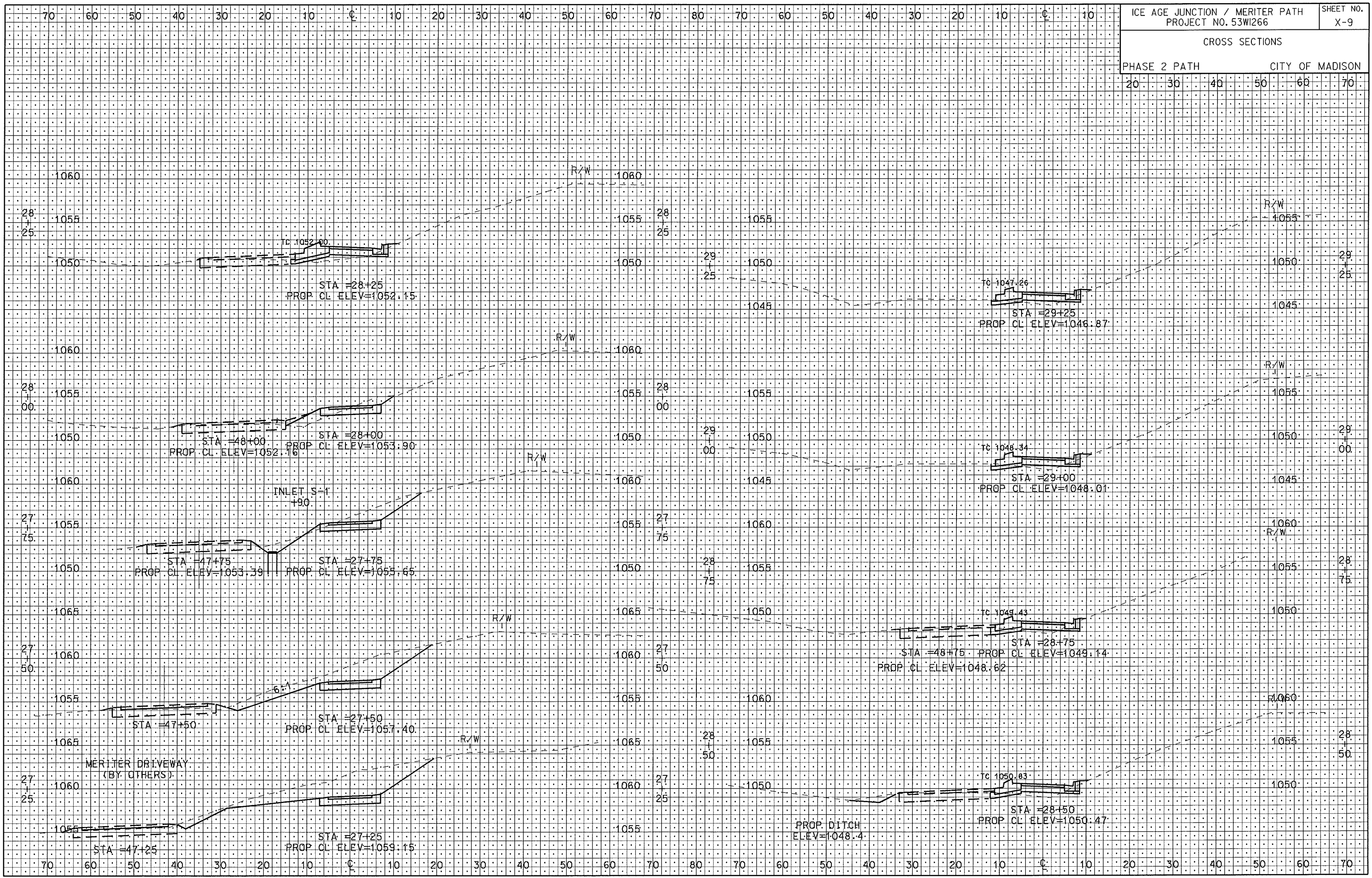
PHASE 2 PATH CITY OF MADISON

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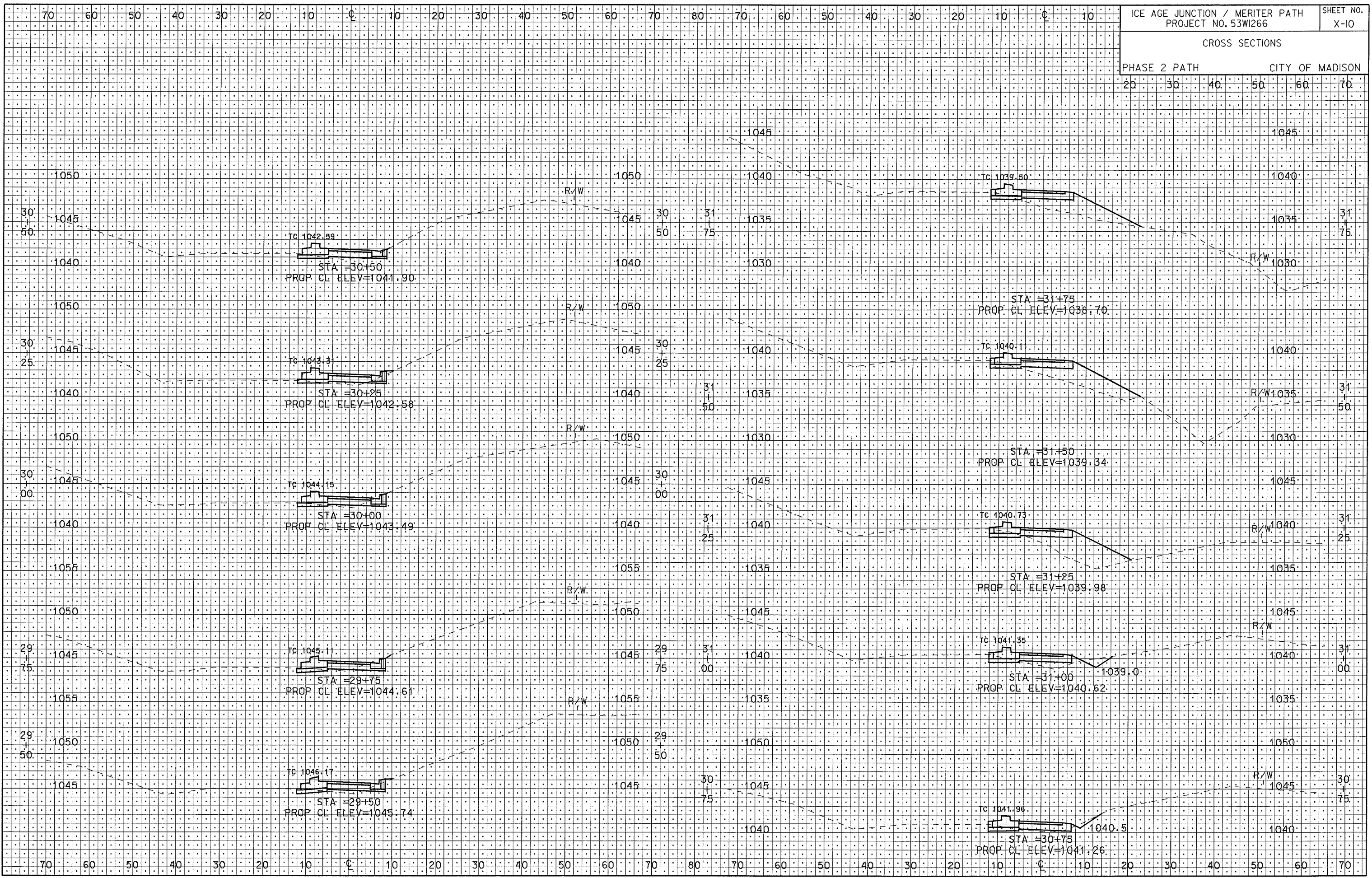
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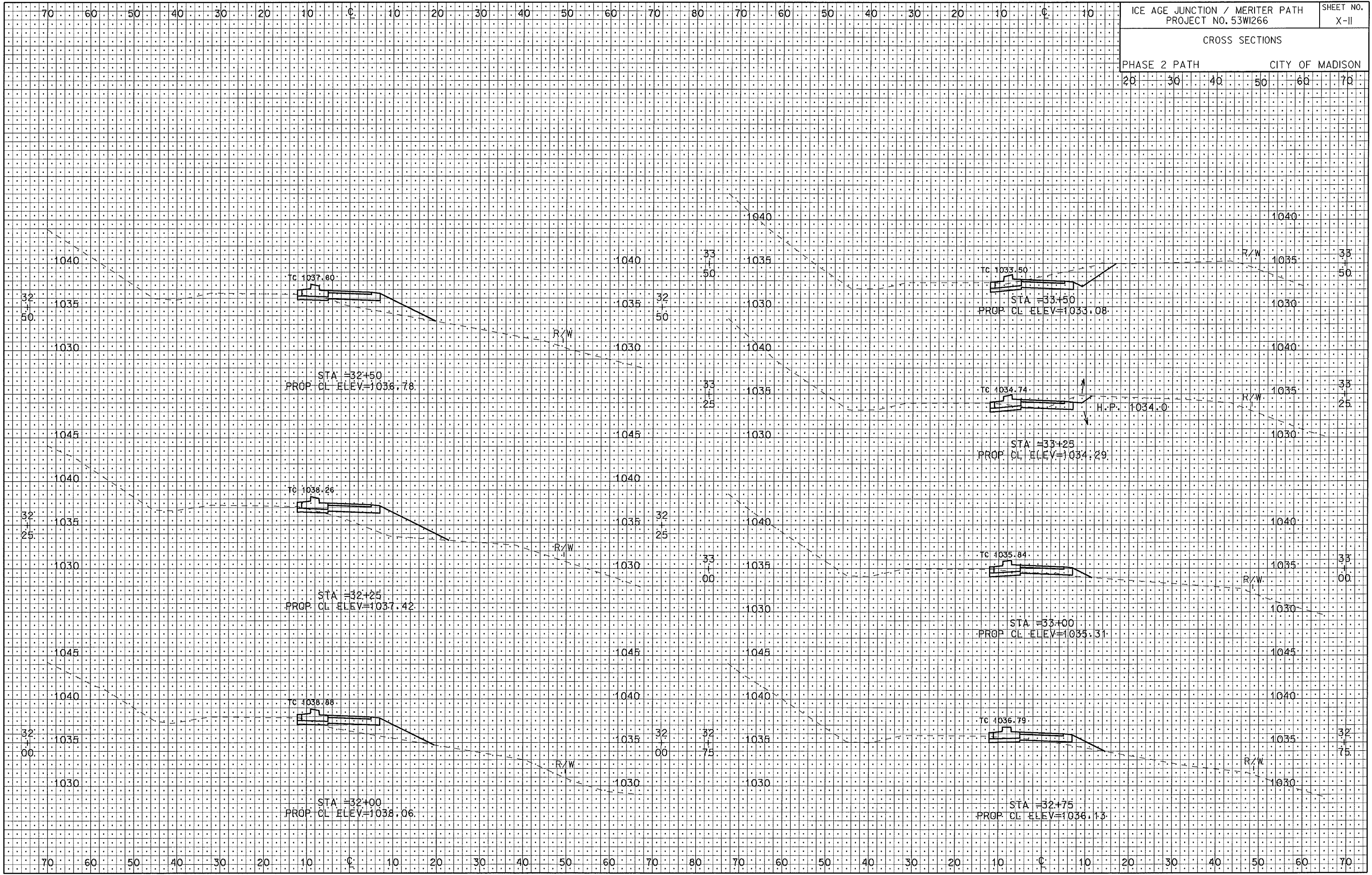


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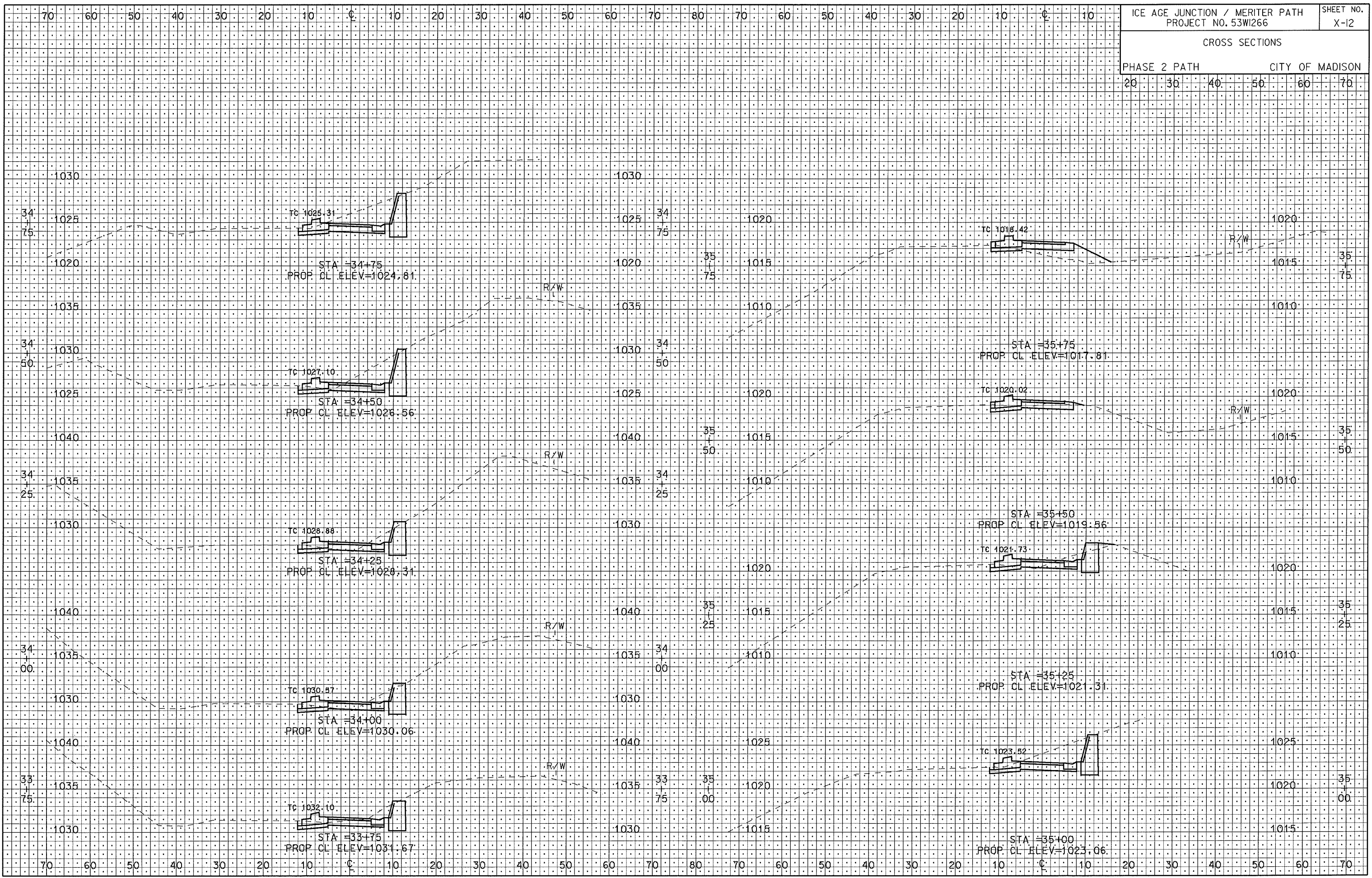


PLOT SCALE: _____
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ORIGINATOR: CITY OF MADISON - SIBELIS DIVISION

CROSS SECTIONS

PHASE 2 PATH CITY OF MADISON



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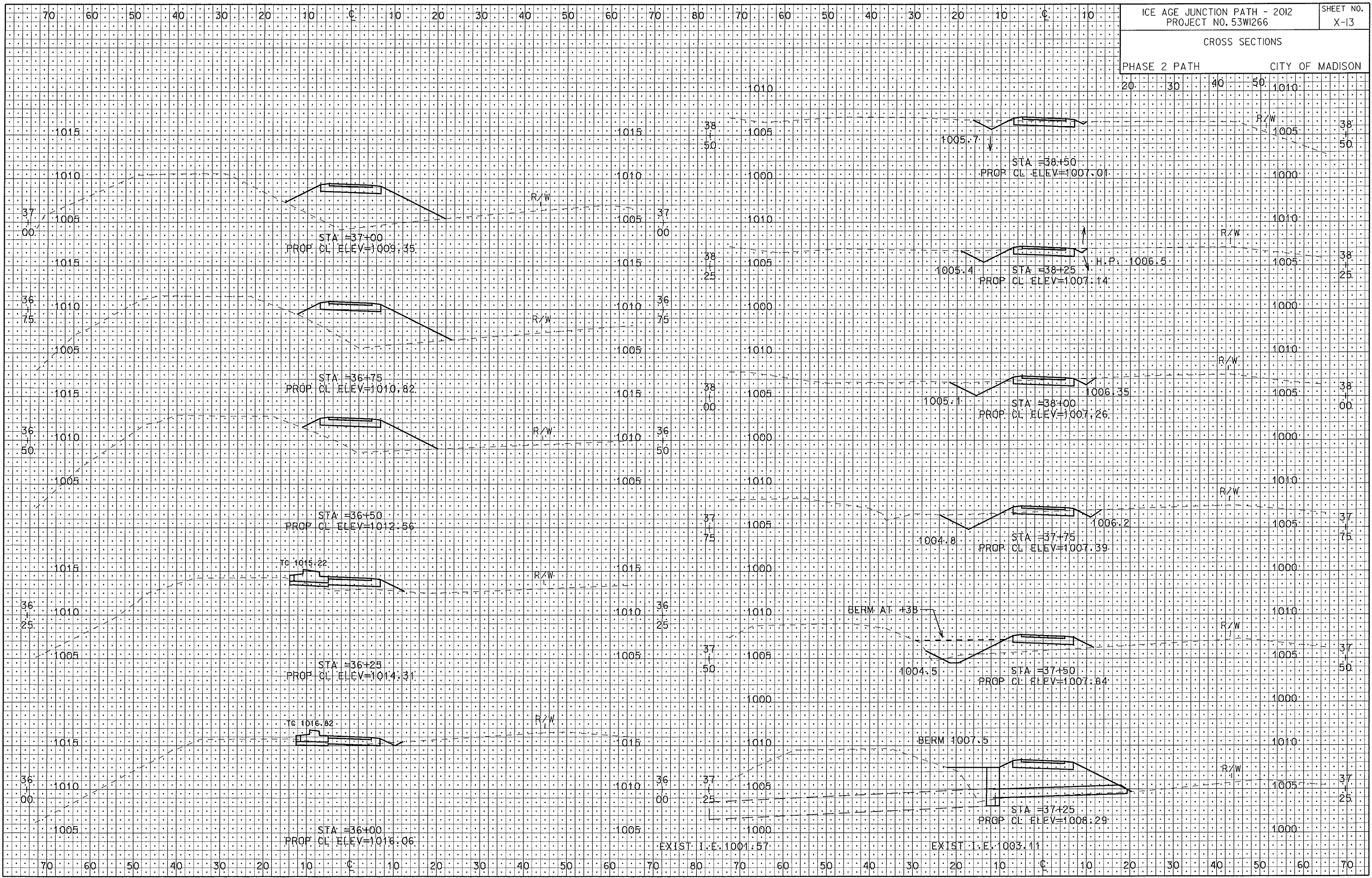
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CROSS SECTIONS

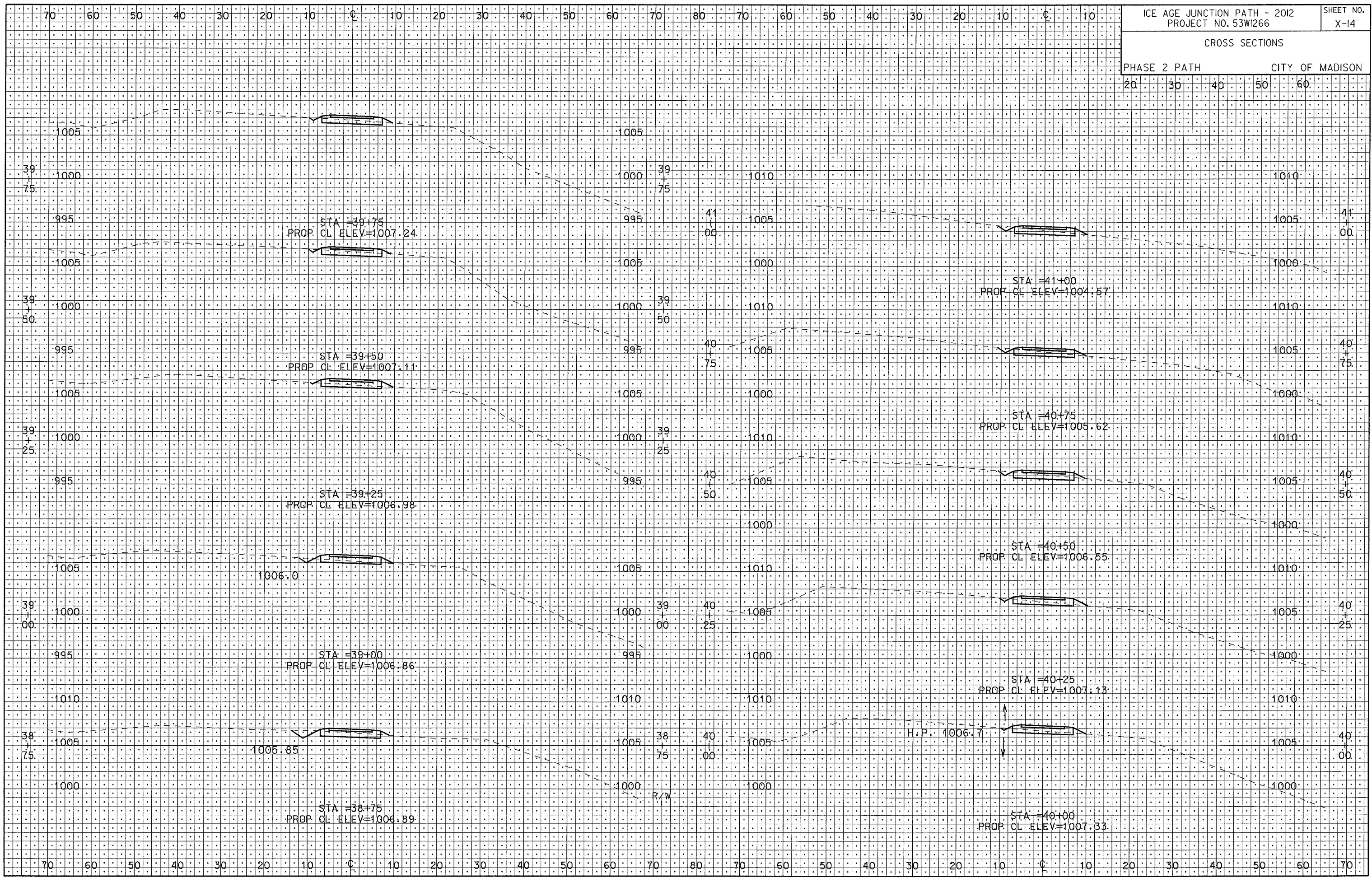
PHASE 2 PATH CITY OF MADISON



ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

PHASE 2 PATH CITY OF MADISON



PLOT SCALE: _____
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ORIGINATOR: CITY OF MADISON - SIBBEIS, DIVISION

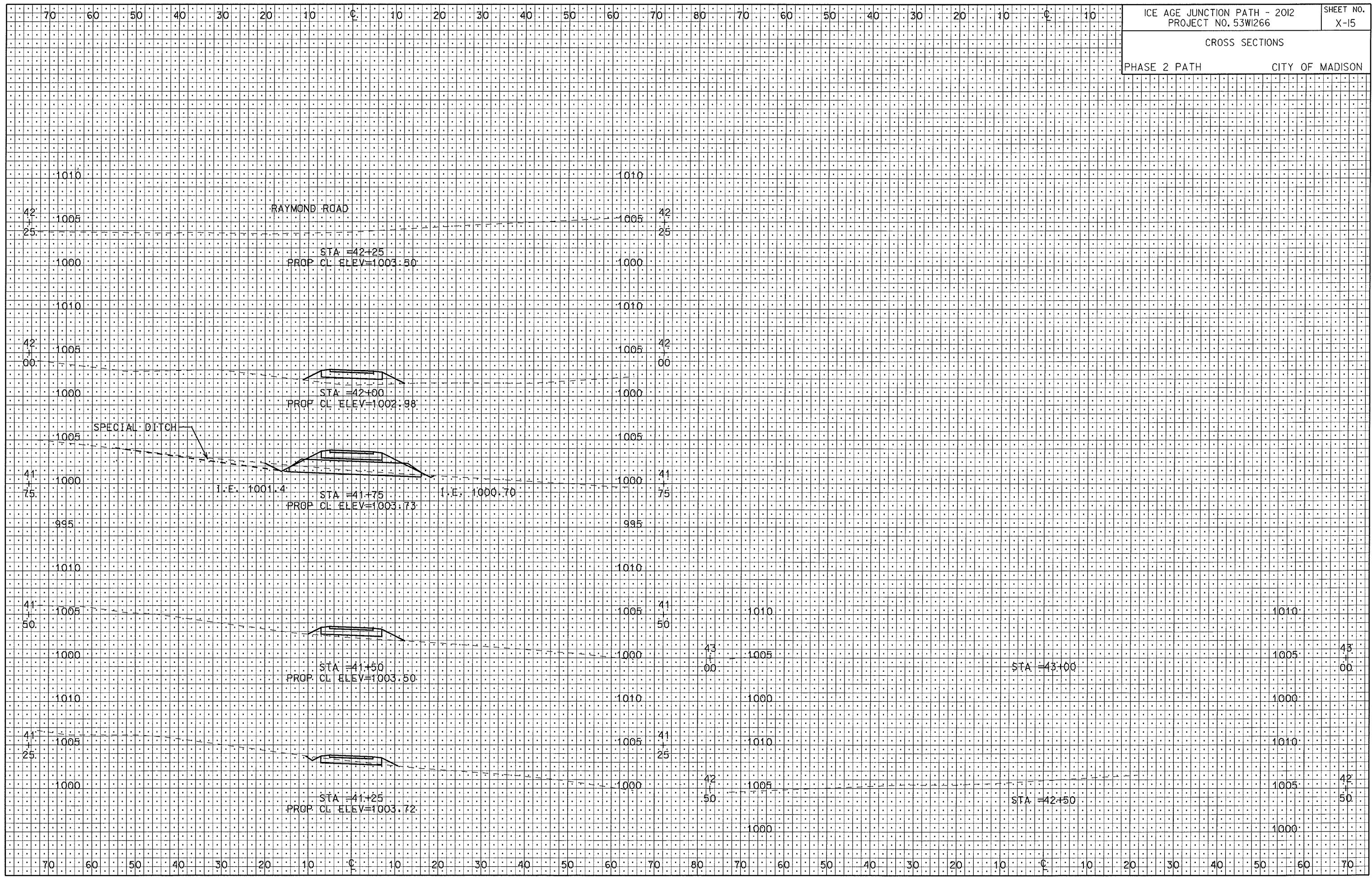
CROSS SECTIONS

PHASE 2 PATH CITY OF MADISON

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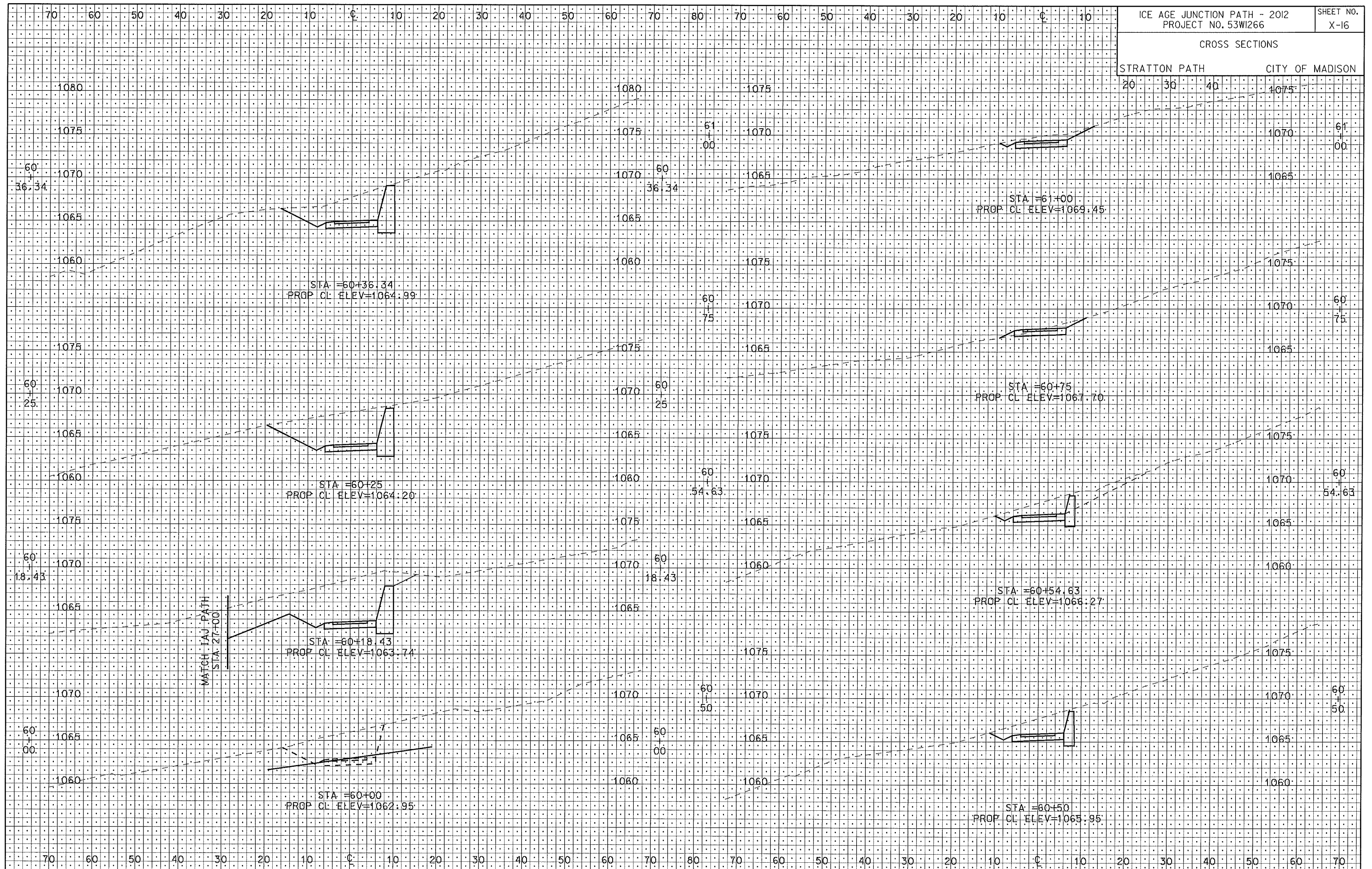
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

STRATTON PATH CITY OF MADISON



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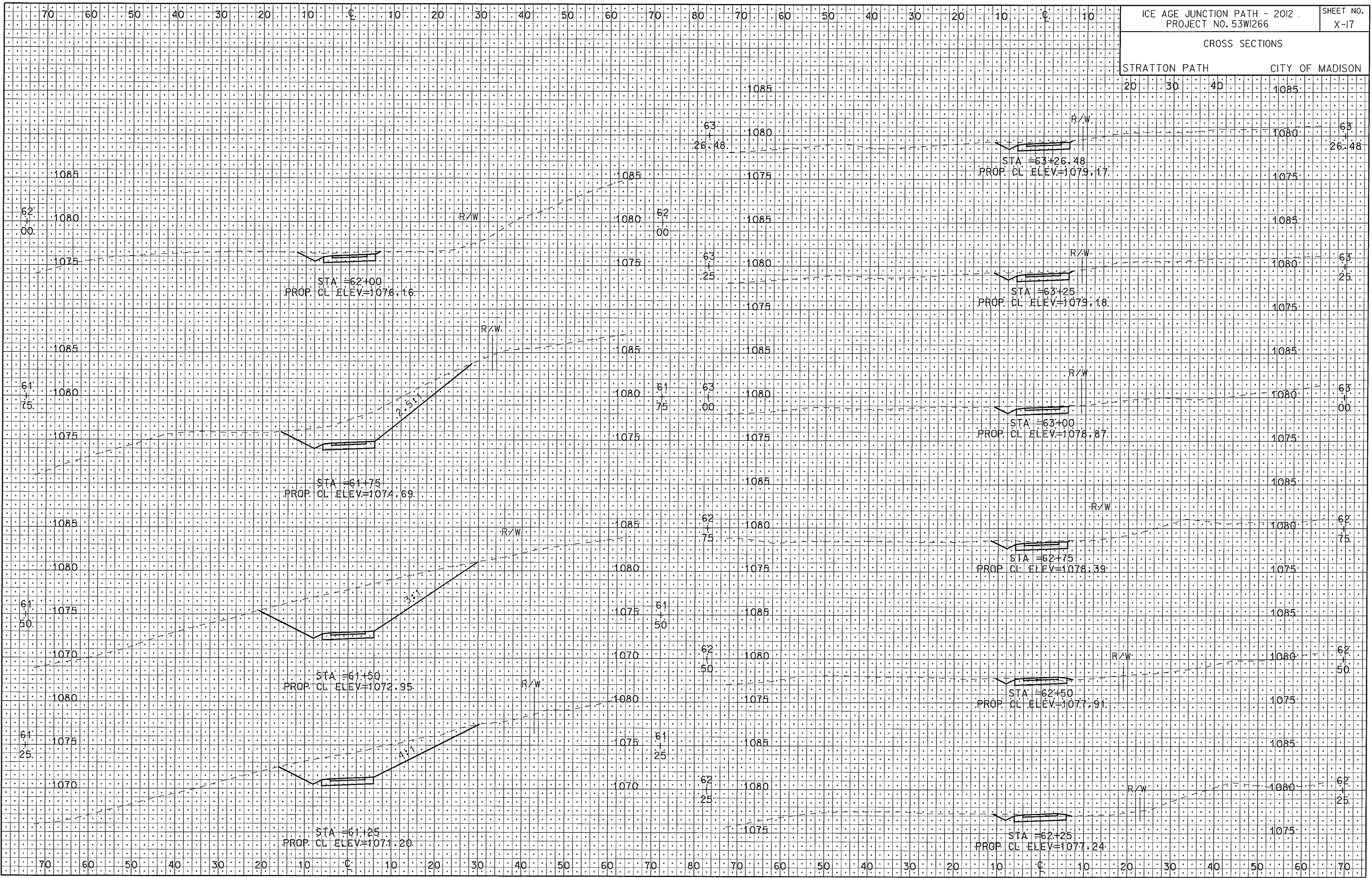
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

STRATTON PATH CITY OF MADISON



PLOT SCALE:
PLOT NAME:
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION