



Madison, Wisconsin

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CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

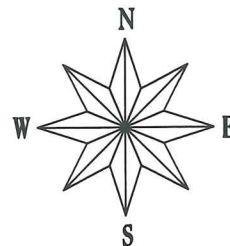
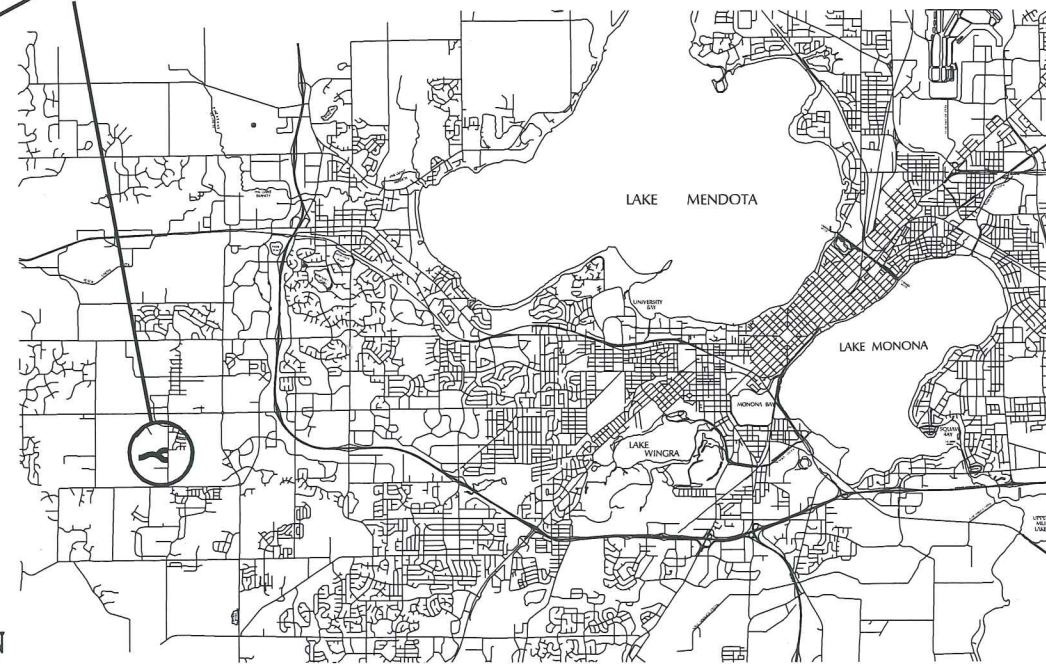
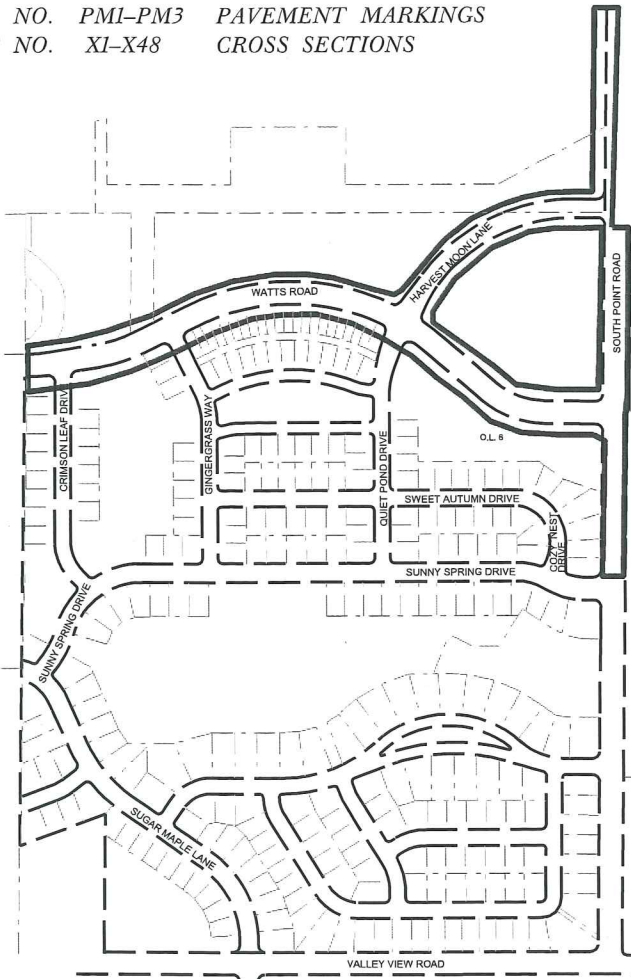
PLAN OF PROPOSED IMPROVEMENT

WATTS ROAD & HARVEST MOON LANE ASSESSMENT DISTRICT - 2017

CITY PROJECT NO. 11438

CITY CONTRACT NO. 7846

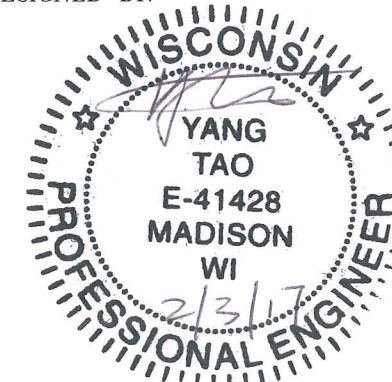
PROJECT LOCATION



CONVENTIONAL SIGNS
FIELD VERIFY ALL UTILITY LOCATIONS

GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
BURIED ELECTRIC	— E —
OVERHEAD ELECTRIC	— OH —
POWER POLE	□
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	▤
COMBUSTIBLE FLUIDS	☼

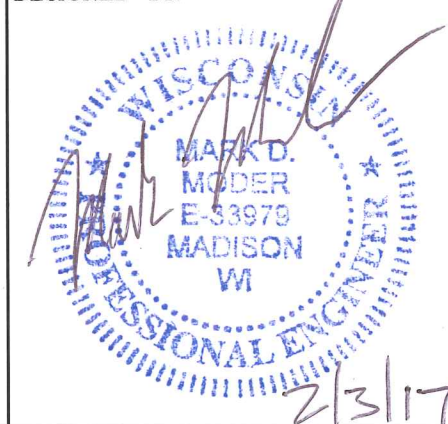
GEOMETRICS & PAVEMENT MARKINGS
DESIGNED BY:



WATER
DESIGNED BY:



SANITARY SEWER
DESIGNED BY:



STORM SEWER
DESIGNED BY:



PUBLIC IMPROVEMENT PROJECT
APPROVED

January 17, 2017

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

Christy P. L. 2-3-17
City Engineer Date

STREET GRADES
DESIGNED BY:



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 1.5%. 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)
HARVEST MOON LANE 3217 C.Y. (INCLUDES 2880 C.Y. OF TOPSOIL STRIPPING)
SOUTH POINT ROAD 1558 C.Y. (INCLUDES 997 C.Y. OF TOPSOIL STRIPPING)
WATTS ROAD 0 C.Y. (GRADING BY OTHERS)
ESTIMATED UNDISTRIBUTED UNDERCUT 900 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT 5,675 C.Y.
FILL BORROW (MEASURED PLAN QUANTITY)
HARVEST MOON LANE 10,444 C.Y.
SOUTH POINT ROAD 1,521 C.Y.
WATTS ROAD 0 C.Y. (GRADING BY OTHERS)
TOTAL FILL BORROW 11,965 C.Y.
NOTE: EXCAVATION CUT AND FILL BORROW QUANTITIES FOR WATTS ROAD WILL BE CALCULATED AFTER COMPLETION OF WORK BY OTHERS (GRADING TO SUBGRADE). IT IS ESTIMATED THAT THERE WILL BE A SMALL AMOUNT OF ADDITIONAL CUT AND FILL REQUIRED. SEE SPECIAL PROVISIONS

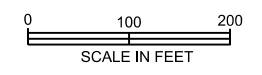
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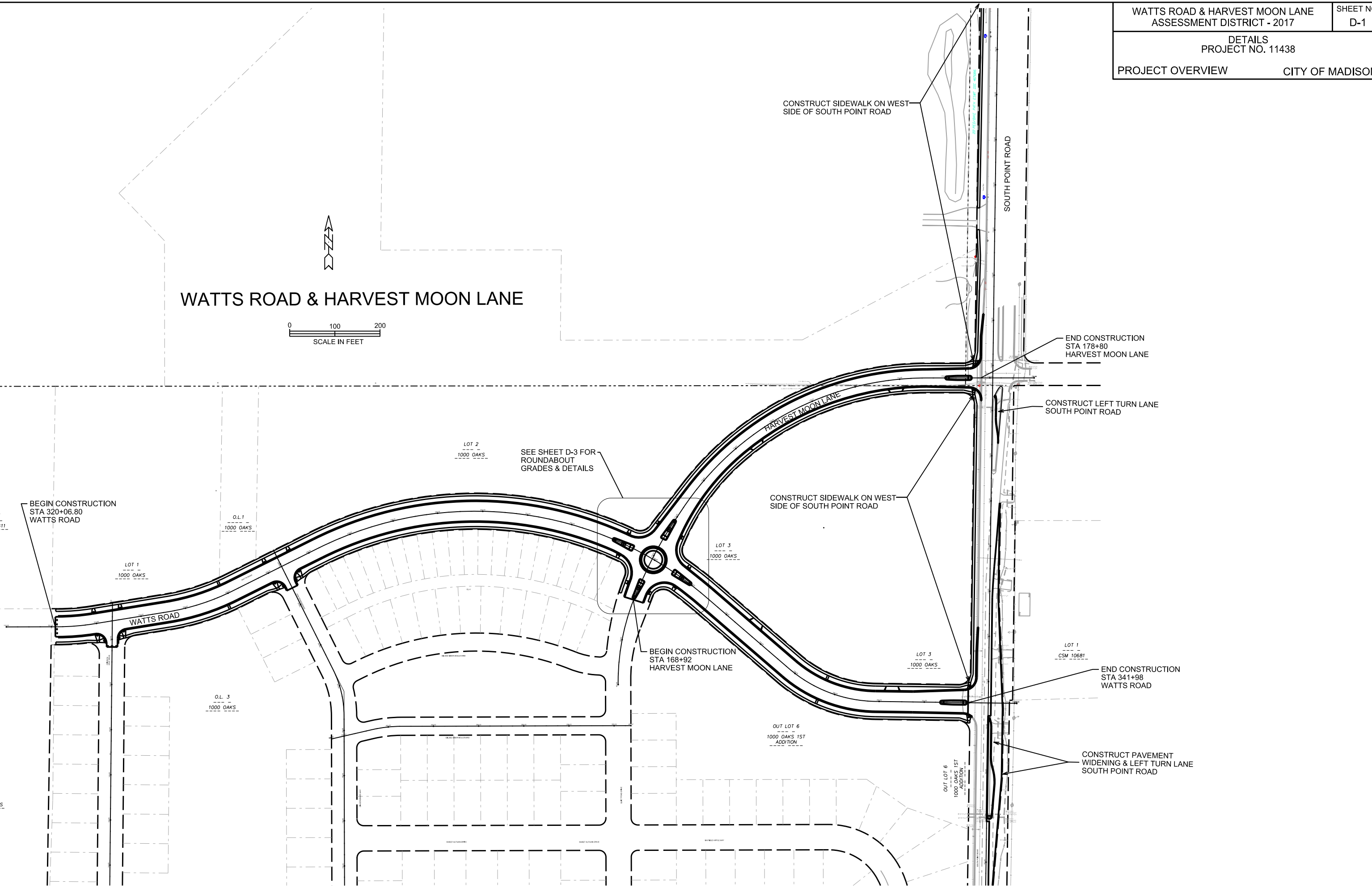
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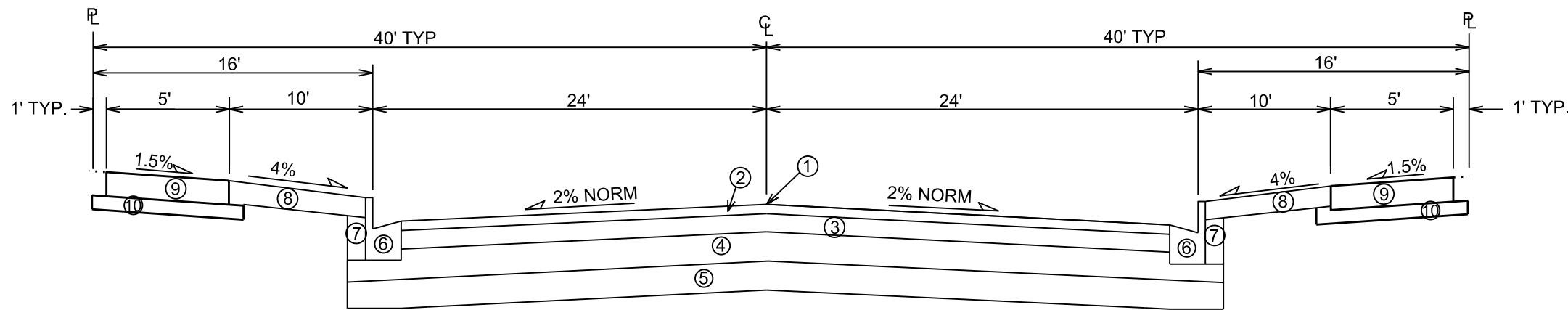
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

WATTS ROAD & HARVEST MOON LANE



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



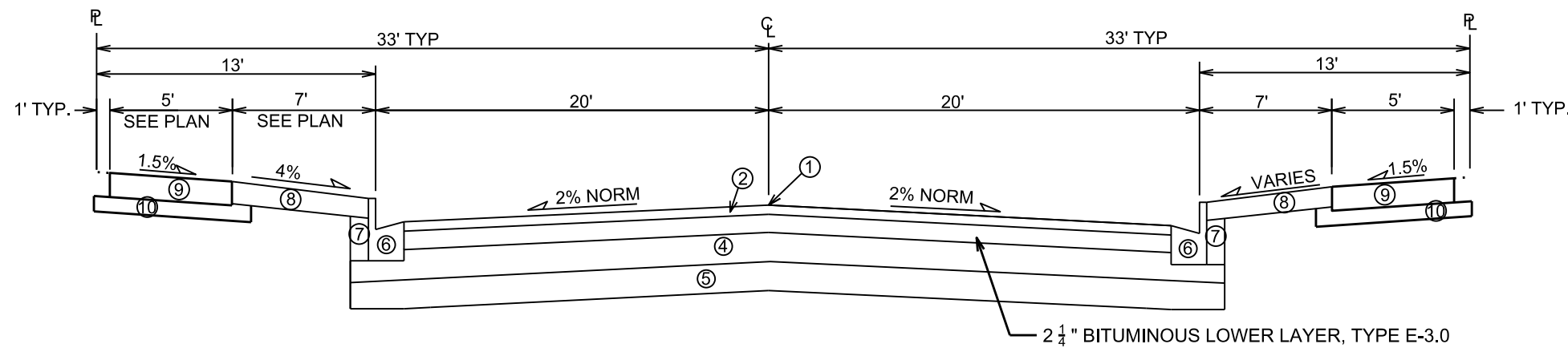


TYPICAL FINISHED SECTION
WATTS ROAD
STA 320+06.80 to STA 341+98

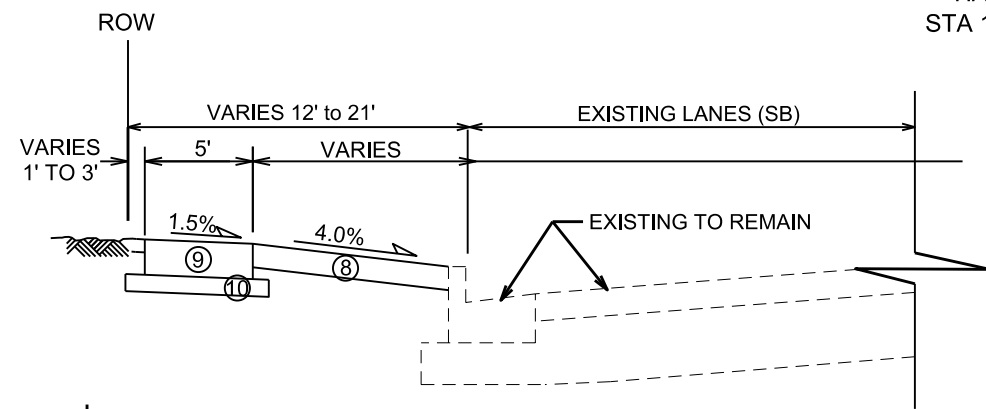
- ① POINT REFERRED TO ON PROFILE
- ② 2" BITUMINOUS UPPER LAYER, TYPE E-3.0
- ③ 3 1/4" BITUMINOUS LOWER LAYER, TYPE E-3.0
- ④ 6" GRADATION 2 CRUSHED STONE
- ⑤ 6" GRADATION 1 CRUSHED STONE
- ⑥ TYPE 'A' OR 'X' CONCRETE CURB & GUTTER
- ⑦ FILL, INCIDENTAL
- ⑧ 4" TOPSOIL, SEED & MAT
- ⑨ 5" CONCRETE SIDEWALK
- ⑩ 2" SELECT FILL - INCIDENTAL TO SIDEWALK CONSTRUCTION

* SEE CROSS SECTION SHEETS FOR CROSS SLOPES AND TOP OF CURB ELEVATIONS.

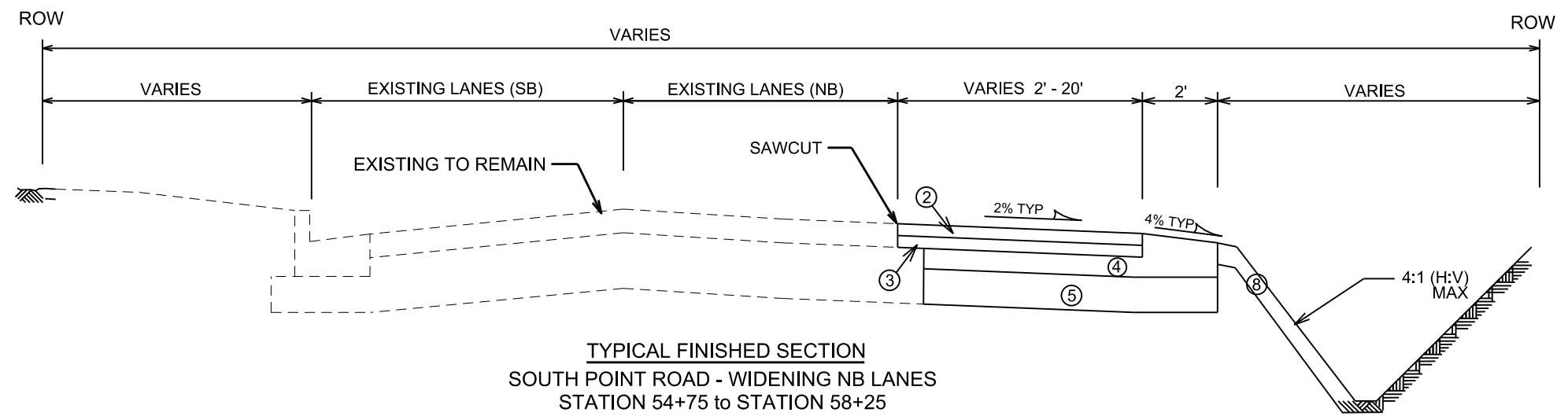
TYPICAL SECTIONS NOT TO SCALE



TYPICAL FINISHED SECTION
HARVEST MOON LANE
STA 168+92 to STA 178+80



TYPICAL FINISHED SECTION
SOUTH POINT ROAD SIDEWALK
STATION 118+25 to STATION 120+75
NOT TO SCALE



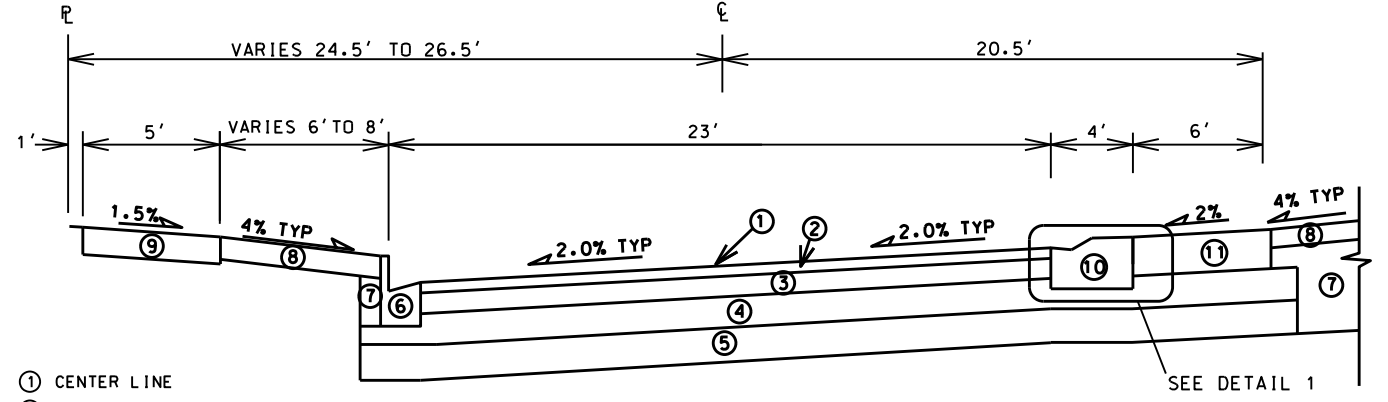
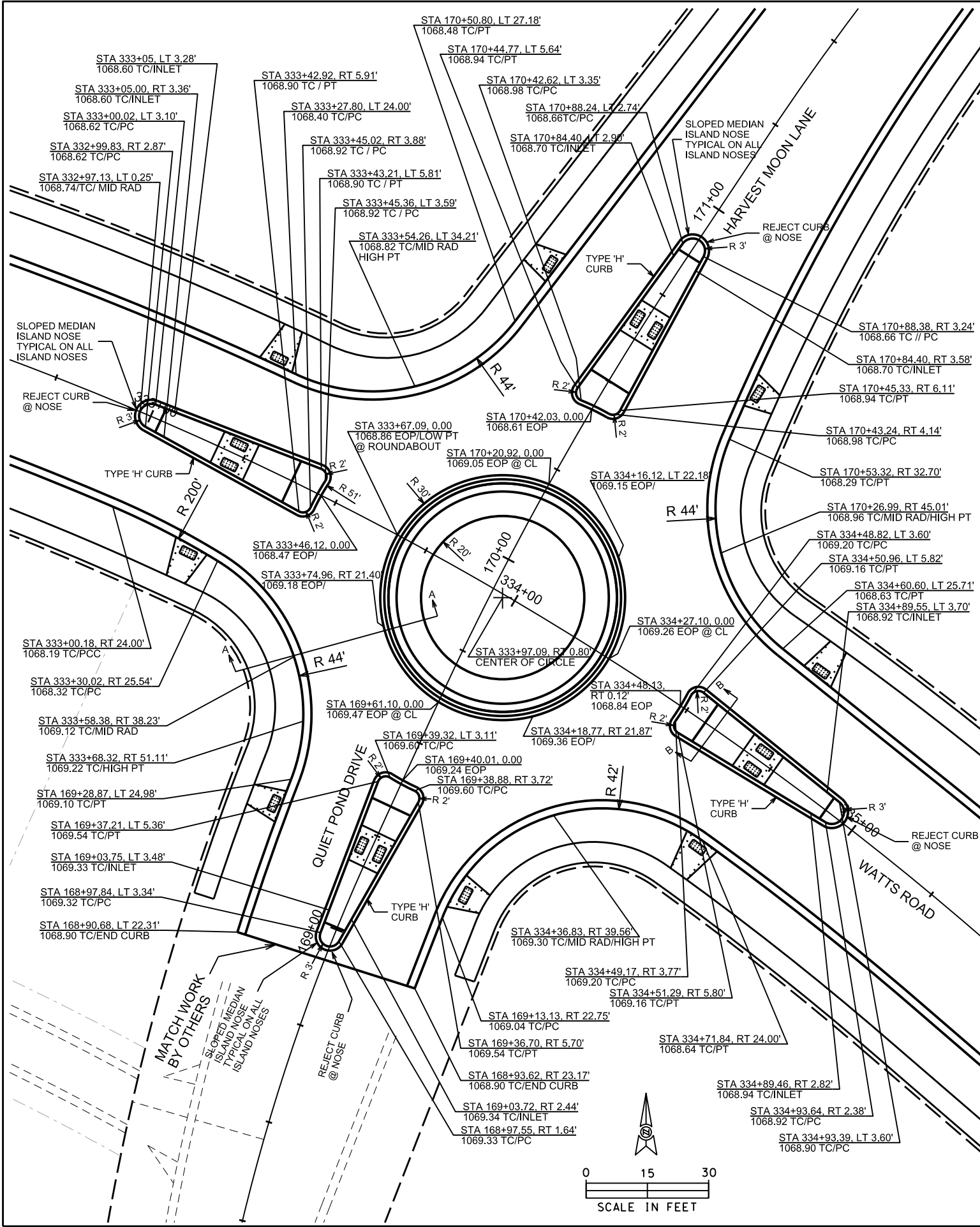
TYPICAL FINISHED SECTION
SOUTH POINT ROAD - WIDENING NB LANES
STATION 54+75 to STATION 58+25
NOT TO SCALE

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REV. DATE: _____

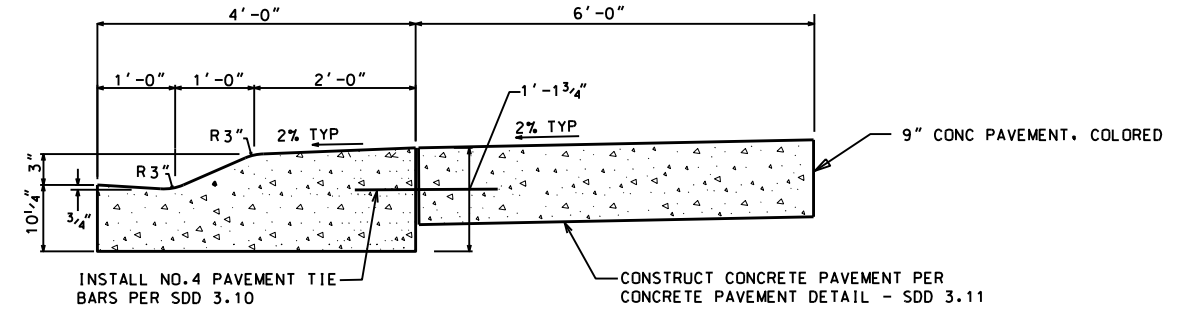
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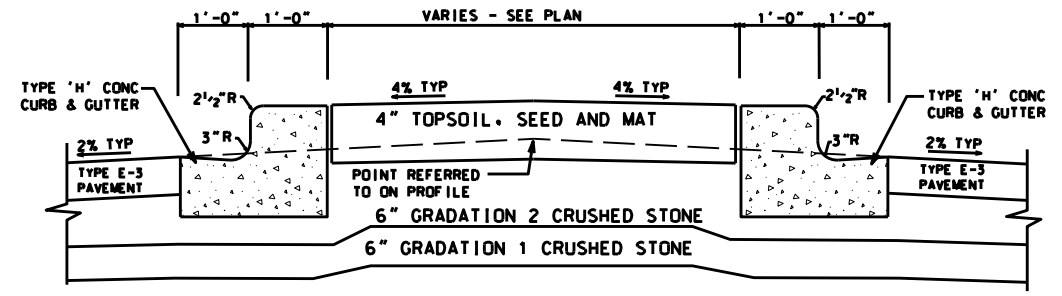
- ① CENTER LINE
- ② 2" BITUMINOUS UPPER LAYER, TYPE E-3
- ③ 3 1/4" BITUMINOUS LOWER LAYER, TYPE E-3
- ④ 6" GRADATION 2 CRUSHED STONE
- ⑤ 6" GRADATION 1 CRUSHED STONE
- ⑥ TYPE 'A' CONCRETE CURB & GUTTER
- ⑦ FILL
- ⑧ 8" TOPSOIL & SEED (PAY TOPSOIL AS 2 TIMES 4" TOPSOIL)
- ⑨ 5" CONCRETE SIDEWALK
- ⑩ 4" - MOUNTABLE CONCRETE CURB & GUTTER @ ROUNABOUT
- ⑪ 9" CONCRETE PAVEMENT, COLORED

SECTION A-A TYPICAL FINISHED HALF SECTION @ ROUNABOUT







NOT TO SCALE



DETAIL 1 - MOUNTABLE CONCRETE CURB & GUTTER @ ROUNABOUT



SECTION B-B - TYPICAL SECTION, SPLITTER ISLANDS @ ROUNABOUT

-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  TYPE C INLET PROTECTION
-  SILT SOCK (VELOCITY CHECK)
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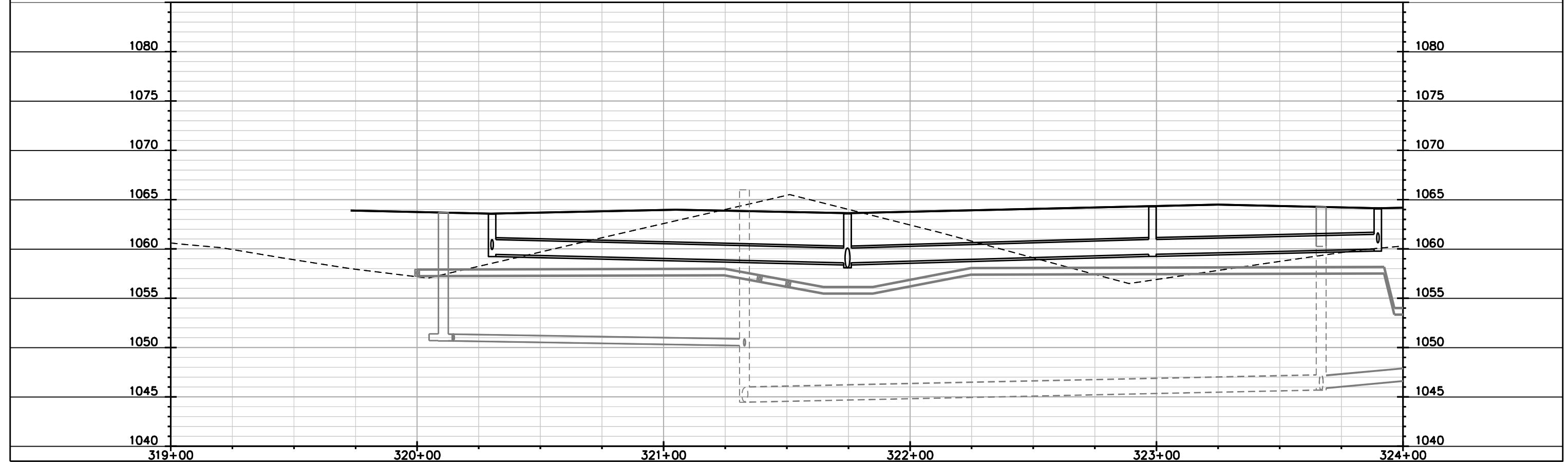
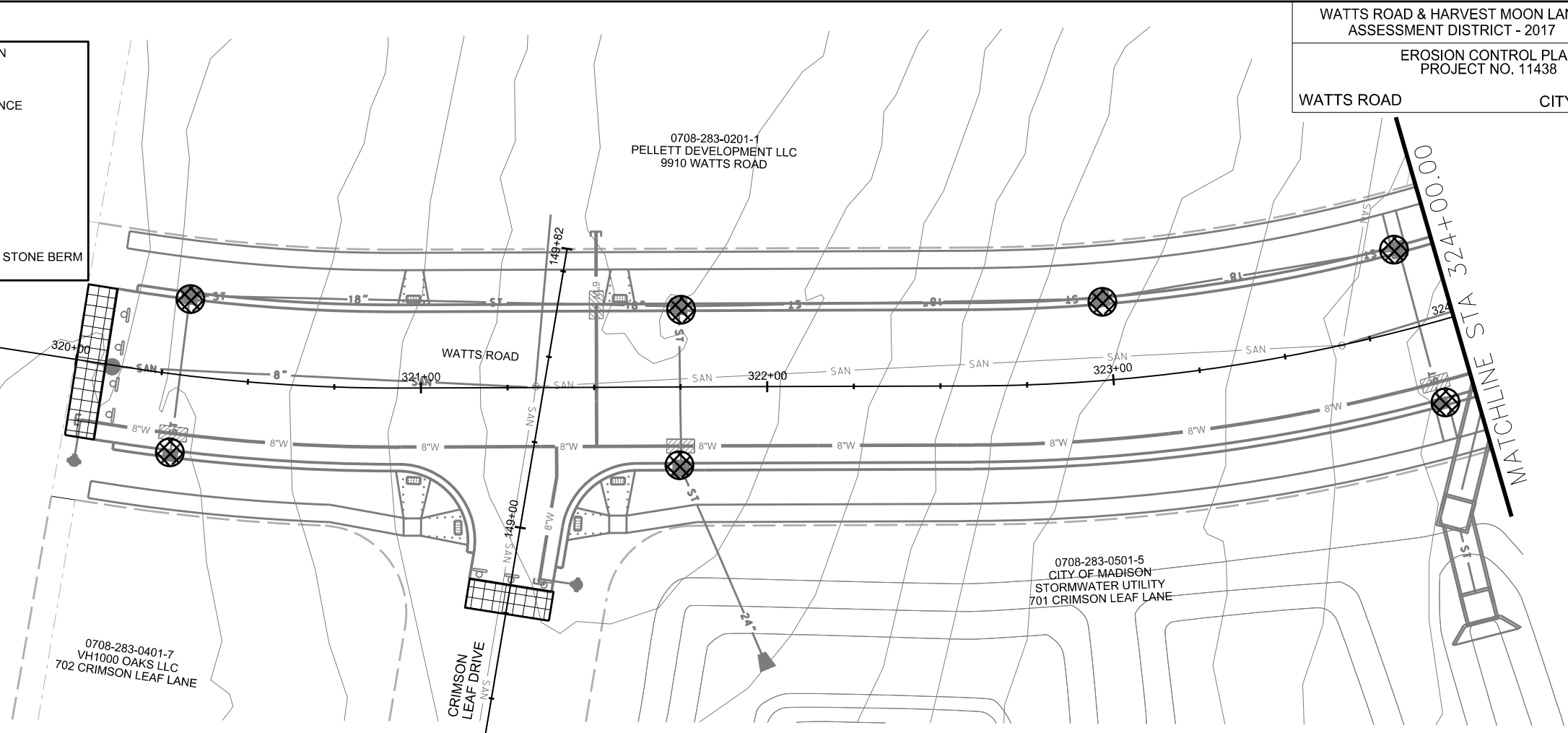
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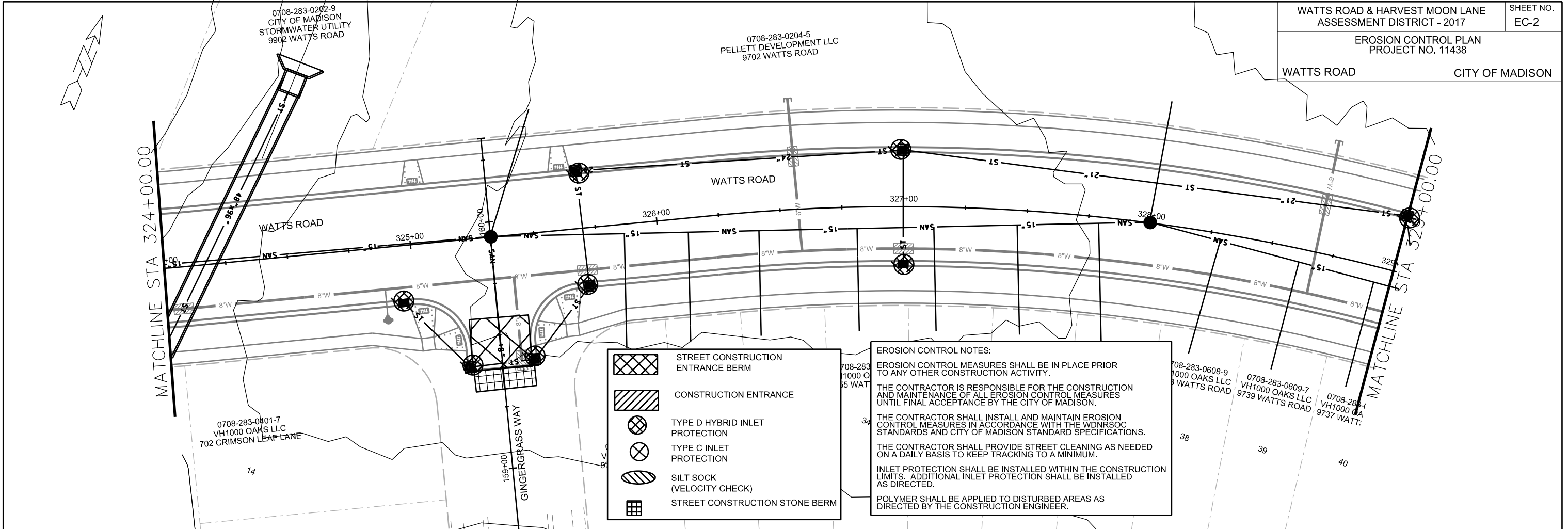








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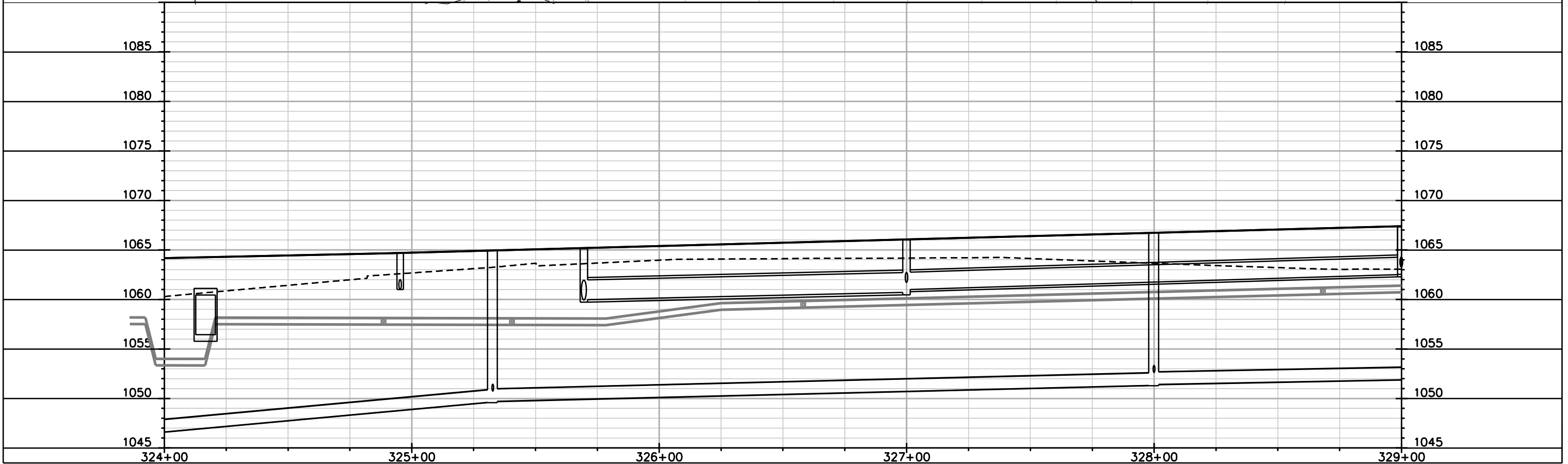
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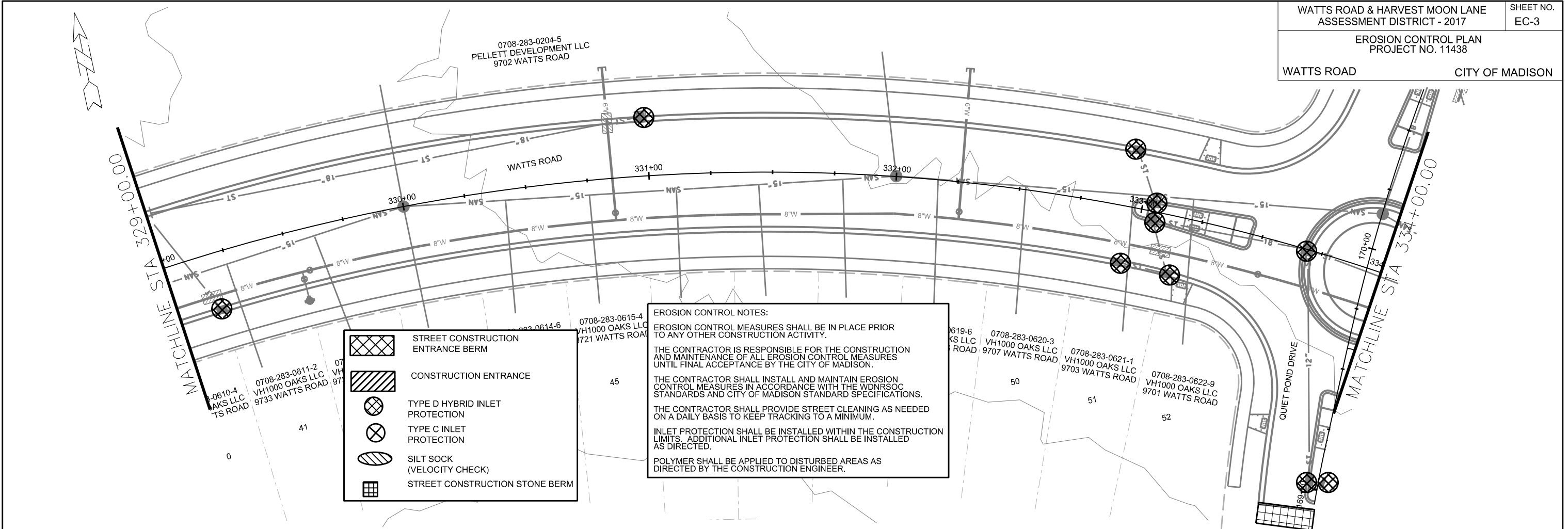








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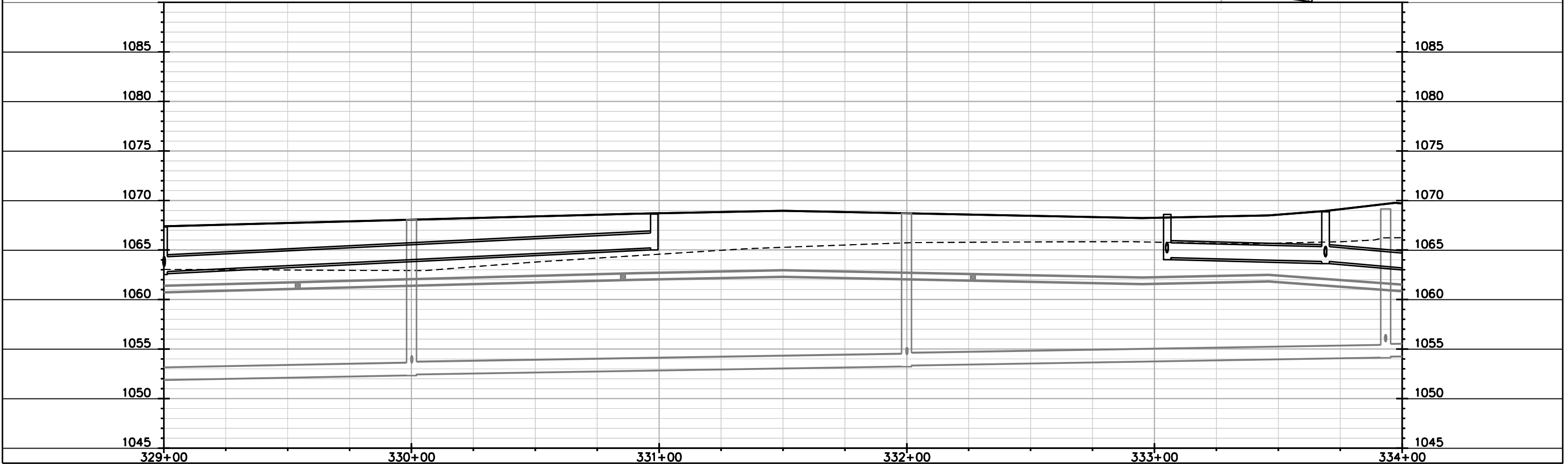
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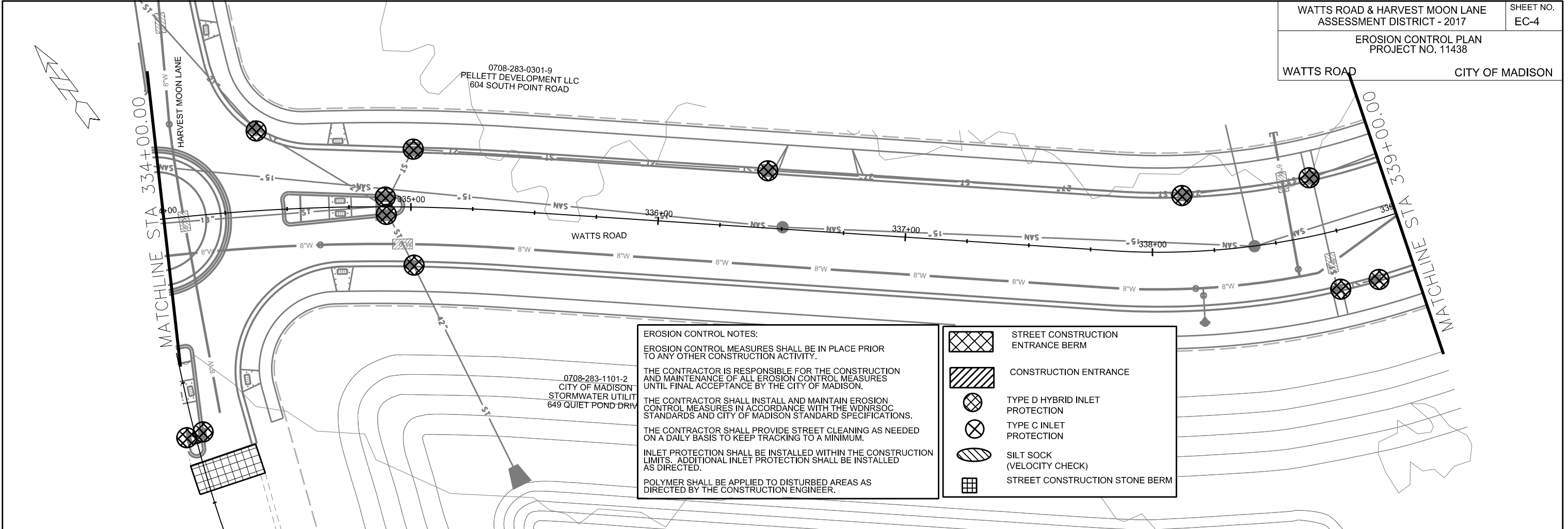


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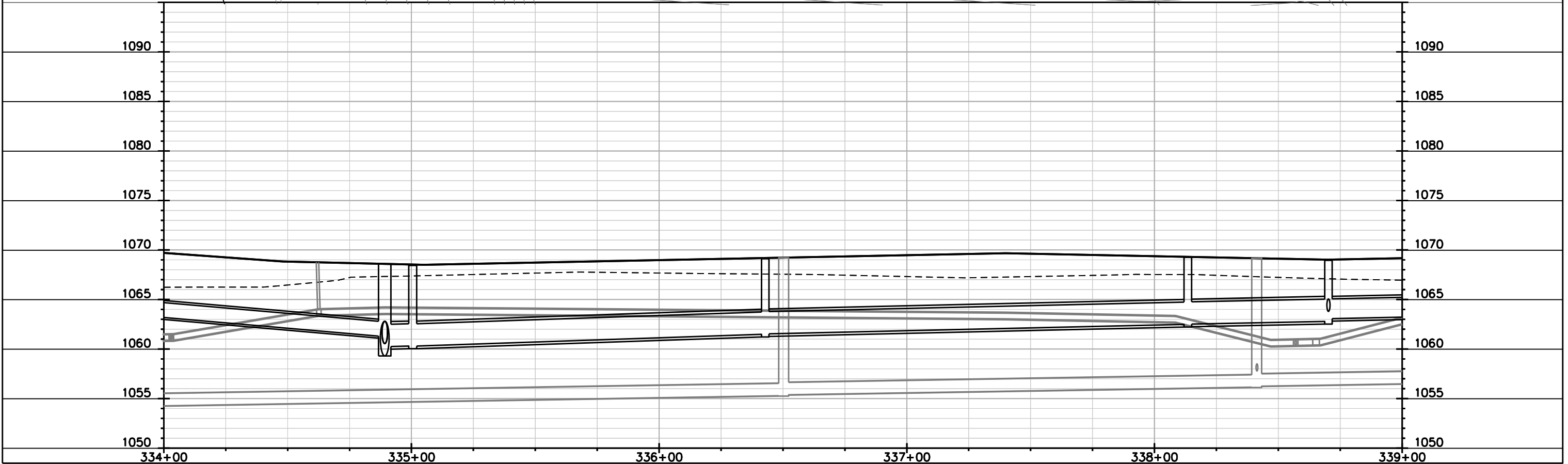
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- | | |
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







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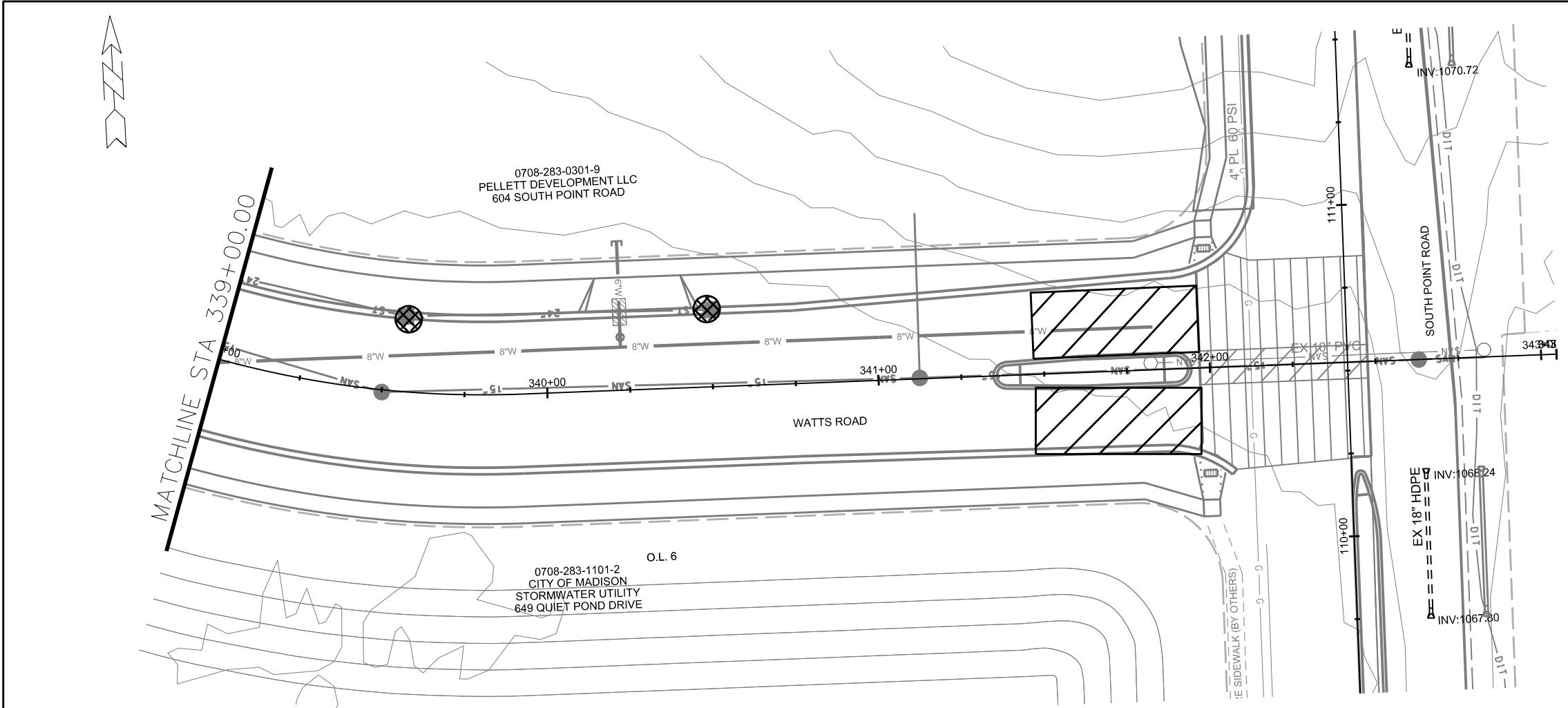
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







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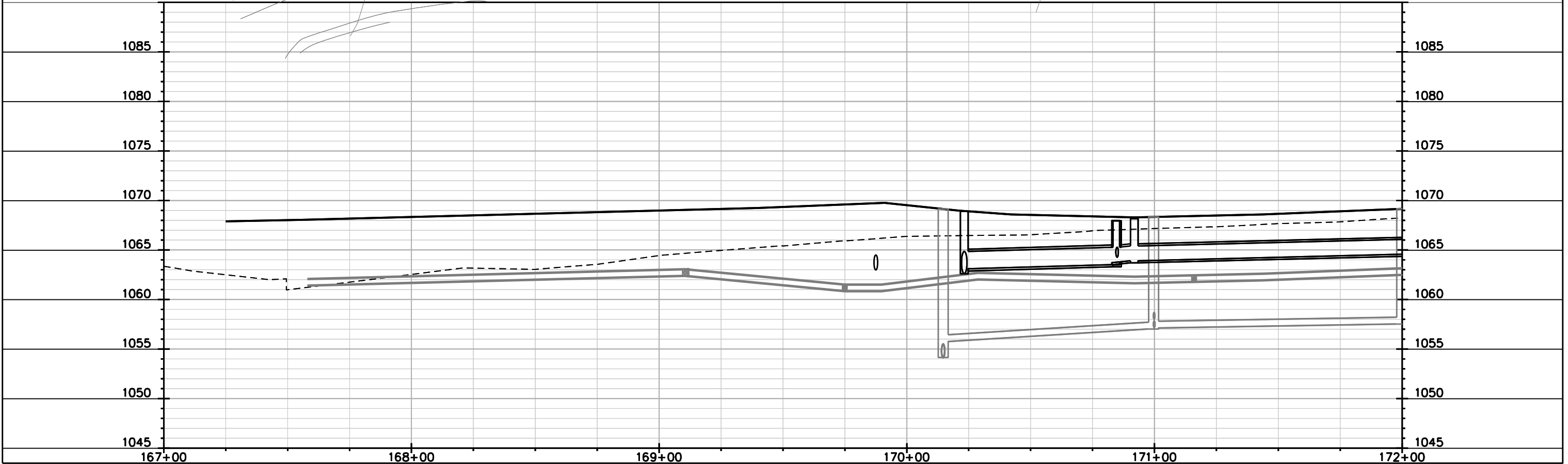
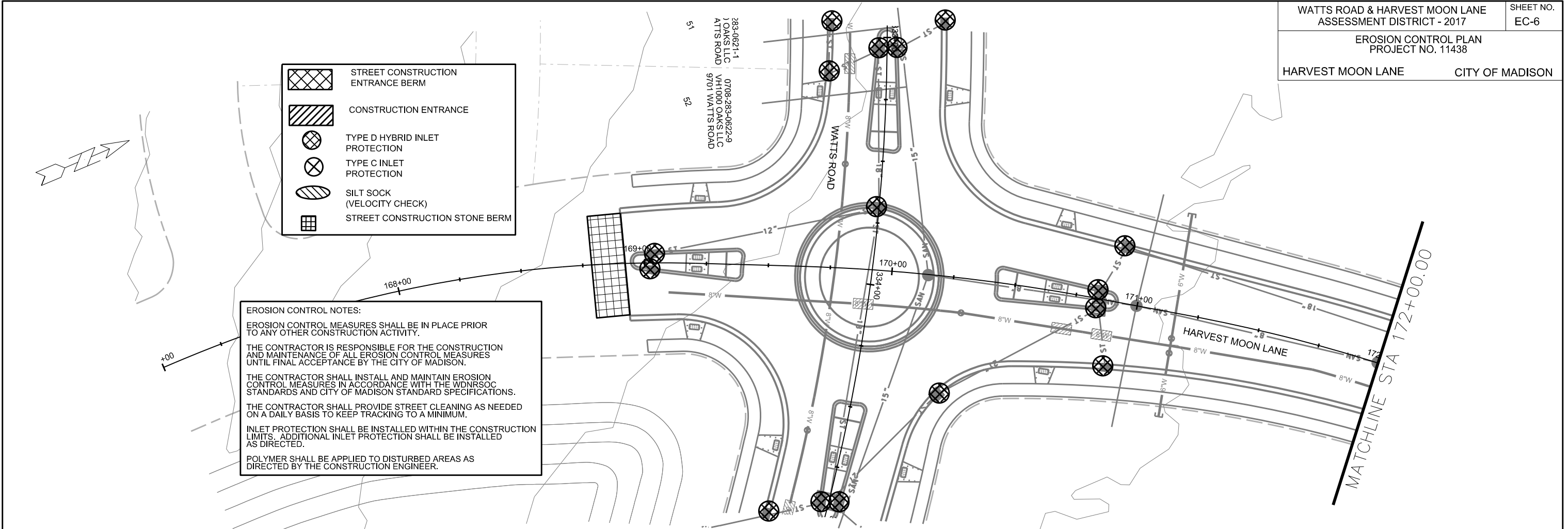
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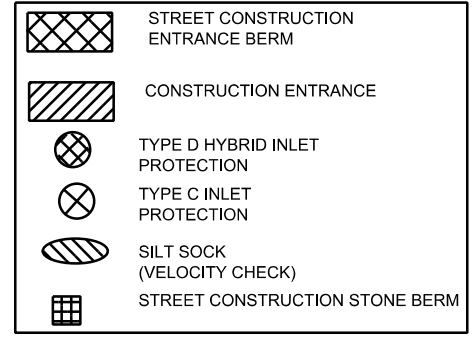
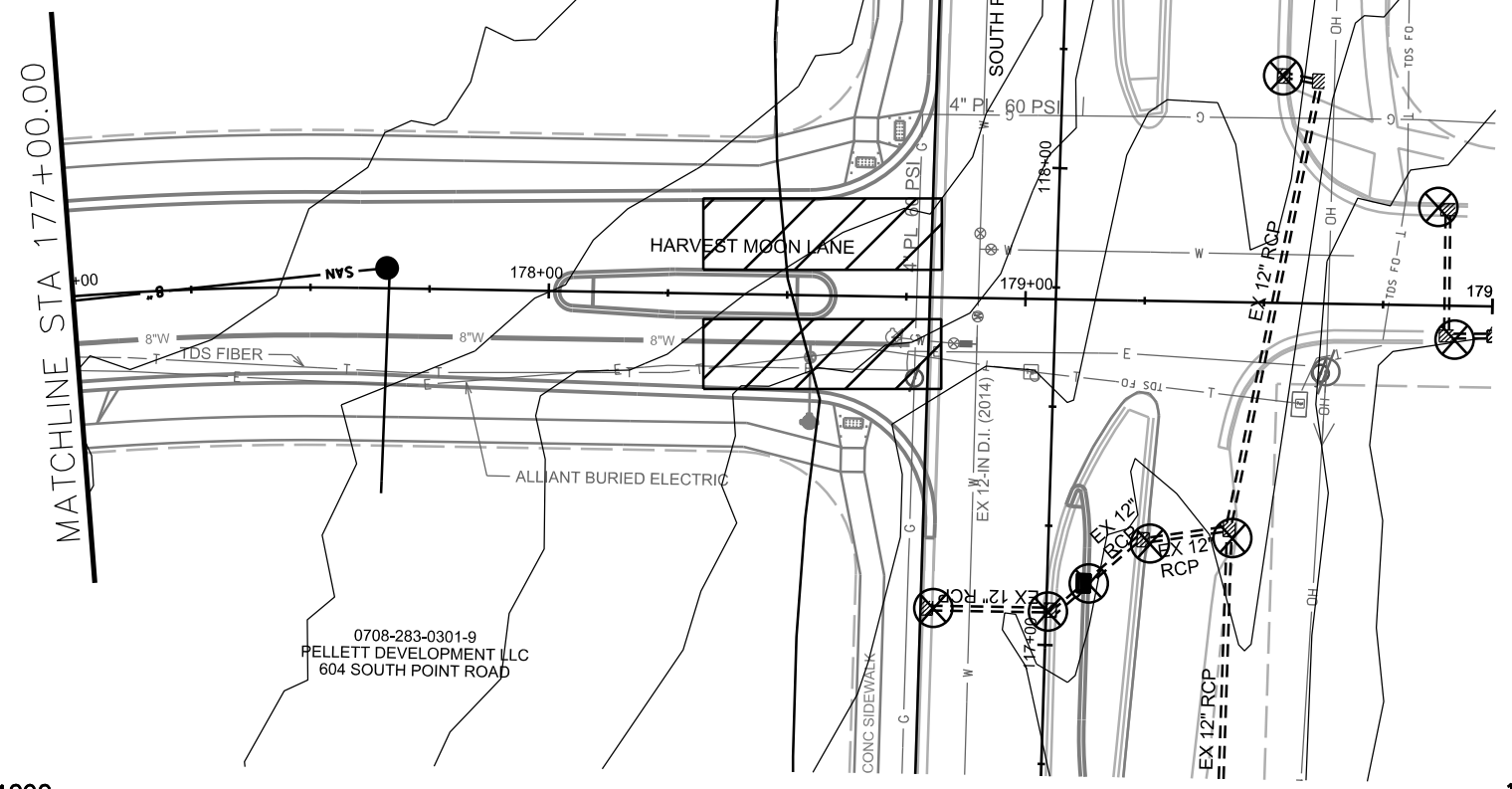
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



0708-282-0104-9
CITY OF MADISON
STORM WATER UTILITY
502 SOUTH POINT ROAD ROAD

0708-283-0301-9
PELLETT DEVELOPMENT LLC
604 SOUTH POINT ROAD



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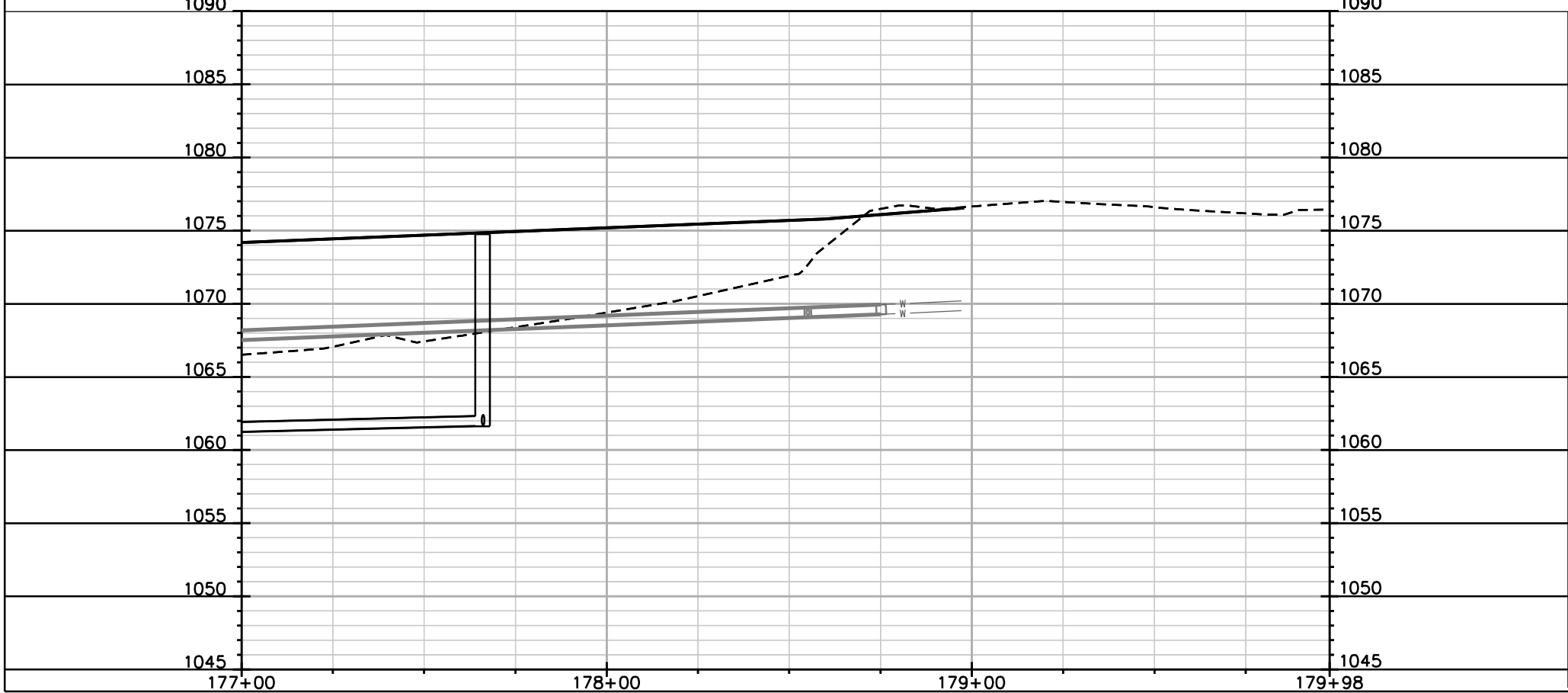
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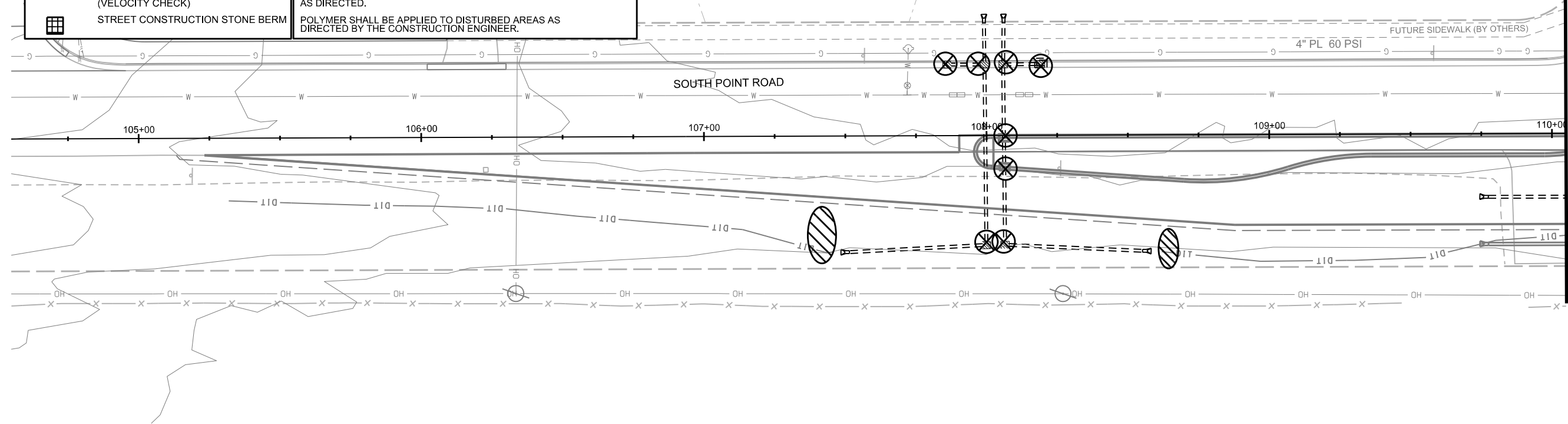
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

EROSION CONTROL
PLAN AND PROFILE

SOUTH POINT ROAD CITY OF MADISON

-  STREET CONSTRUCTION ENTRANCE BERM
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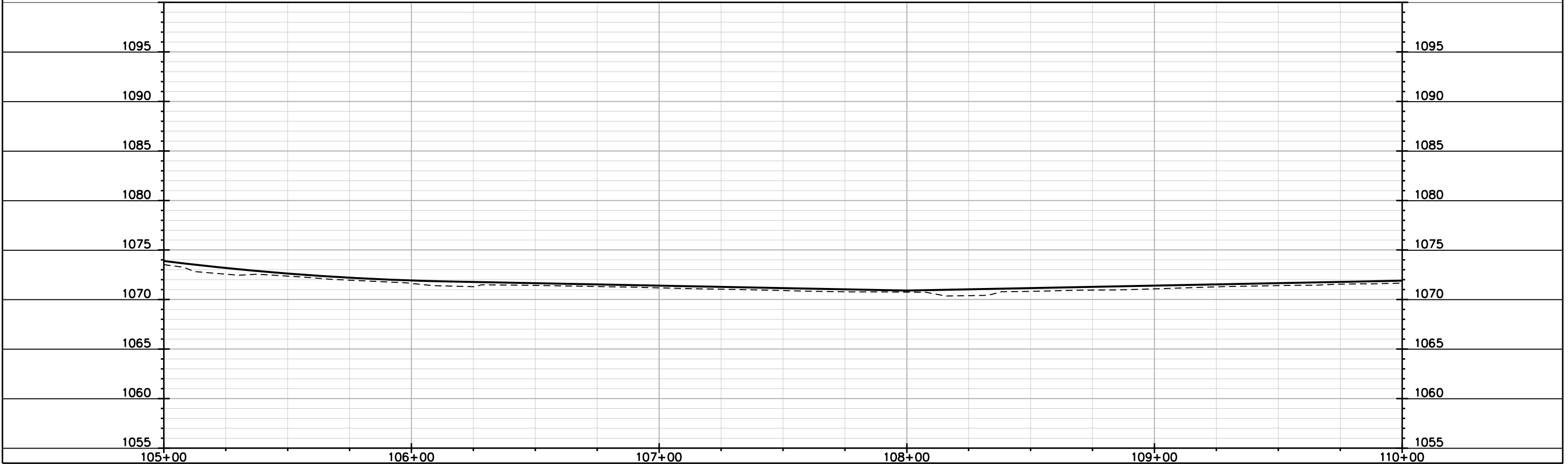
MATCHLINE STA 110+00.00







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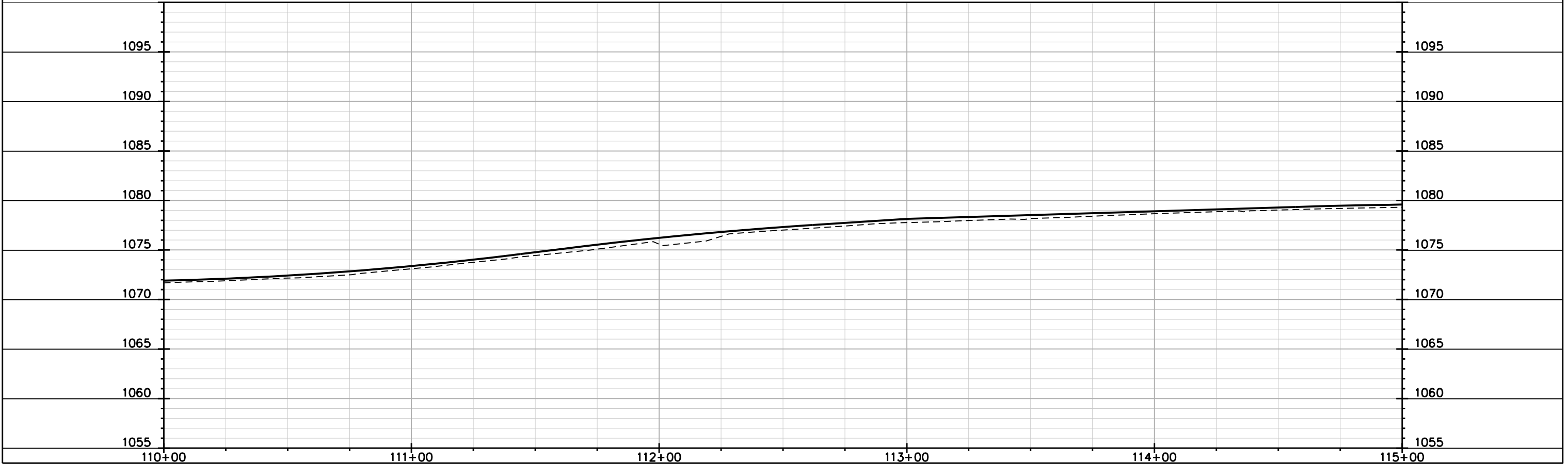
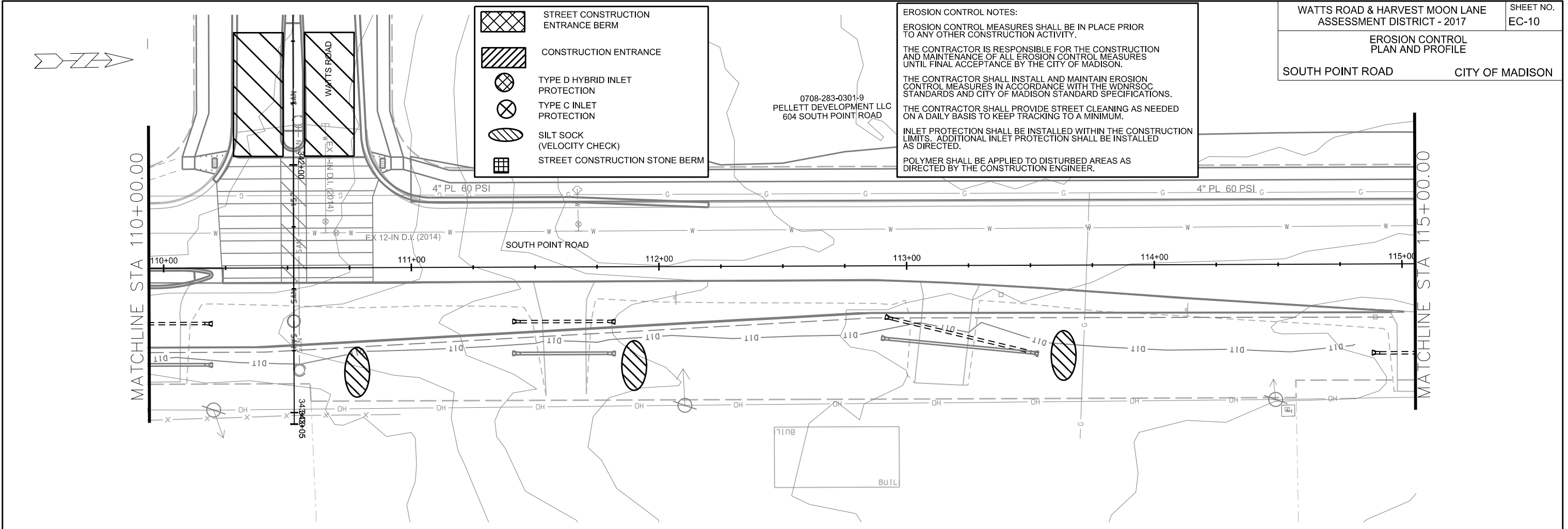
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0708-283-0301-9
PELLETT DEVELOPMENT LLC
604 SOUTH POINT ROAD










PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

-  STREET CONSTRUCTION ENTRANCE BERM
-  SILT FENCE
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  TYPE C INLET PROTECTION
-  SILT SOCK (VELOCITY CHECK)
-  STREET CONSTRUCTION STONE BERM

MATCHLINE STA 115+00.00

MATCHLINE STA 120+00.00

EROSION CONTROL NOTES:

EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.

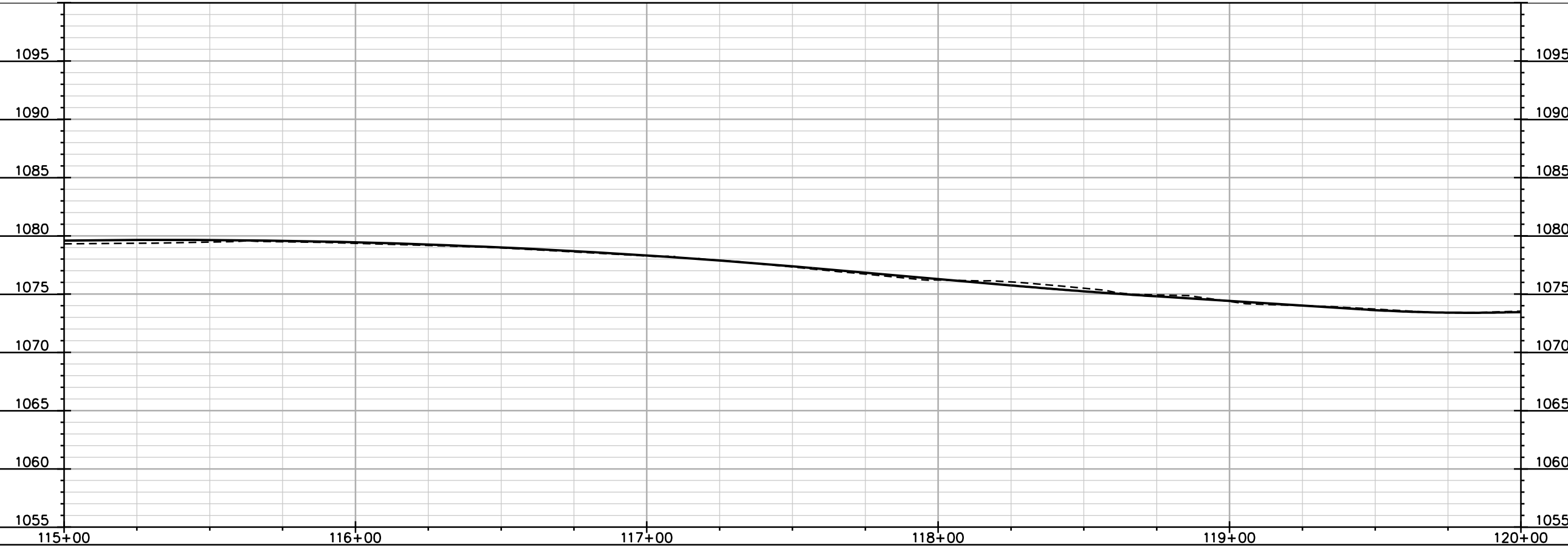
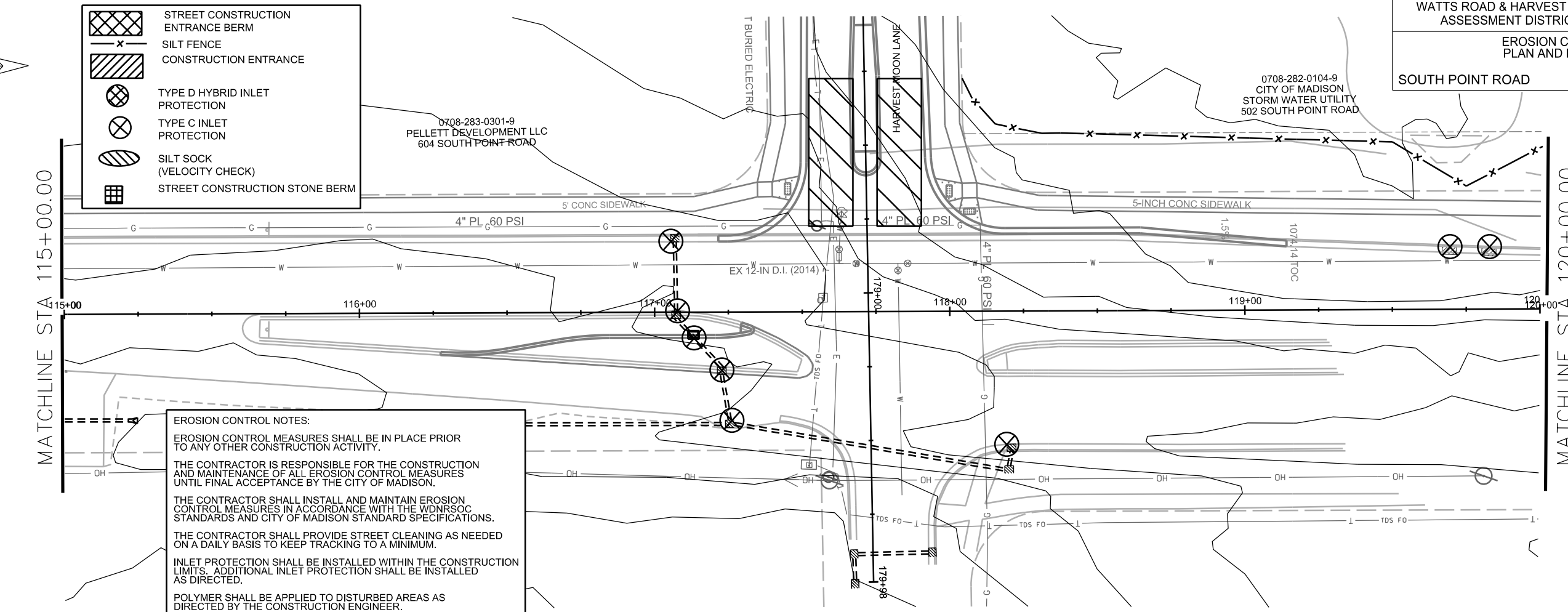
THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

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

THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

INLET PROTECTION SHALL BE INSTALLED WITHIN THE CONSTRUCTION LIMITS. ADDITIONAL INLET PROTECTION SHALL BE INSTALLED AS DIRECTED.

POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.



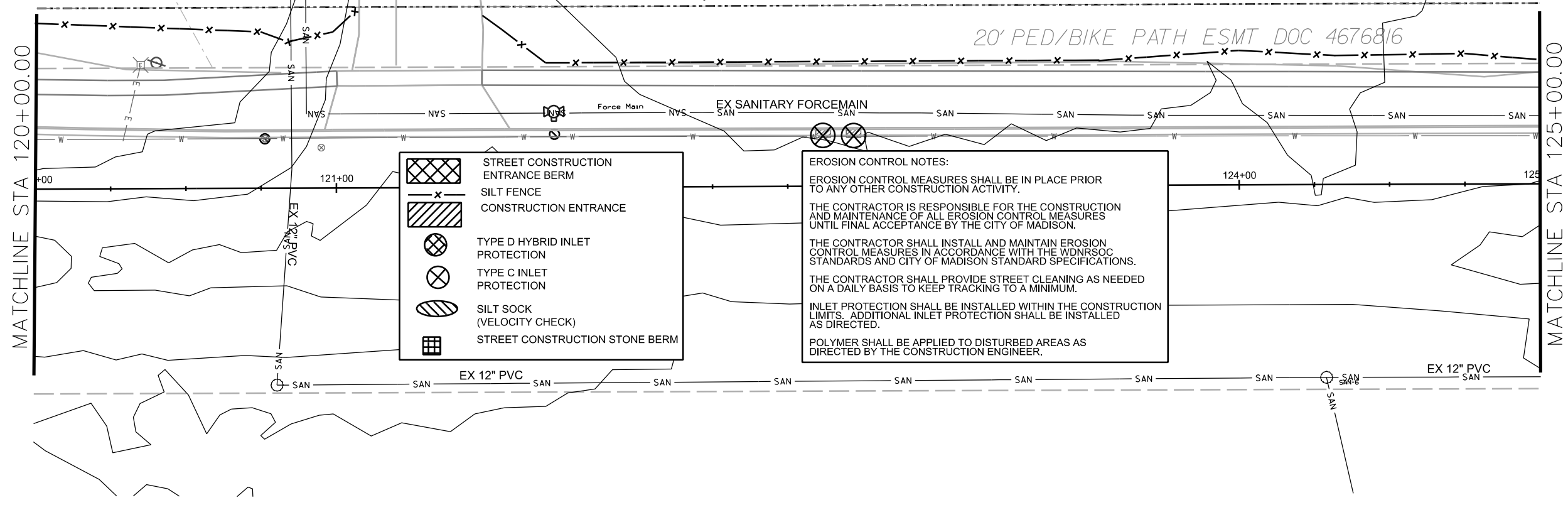
PLOT SCALE: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



0708-282-9103.1
CITY OF MADISON STREETS
WEST SIDE PUBLIC WORKS
402 SOUTH POINT ROAD



EROSION CONTROL NOTES:

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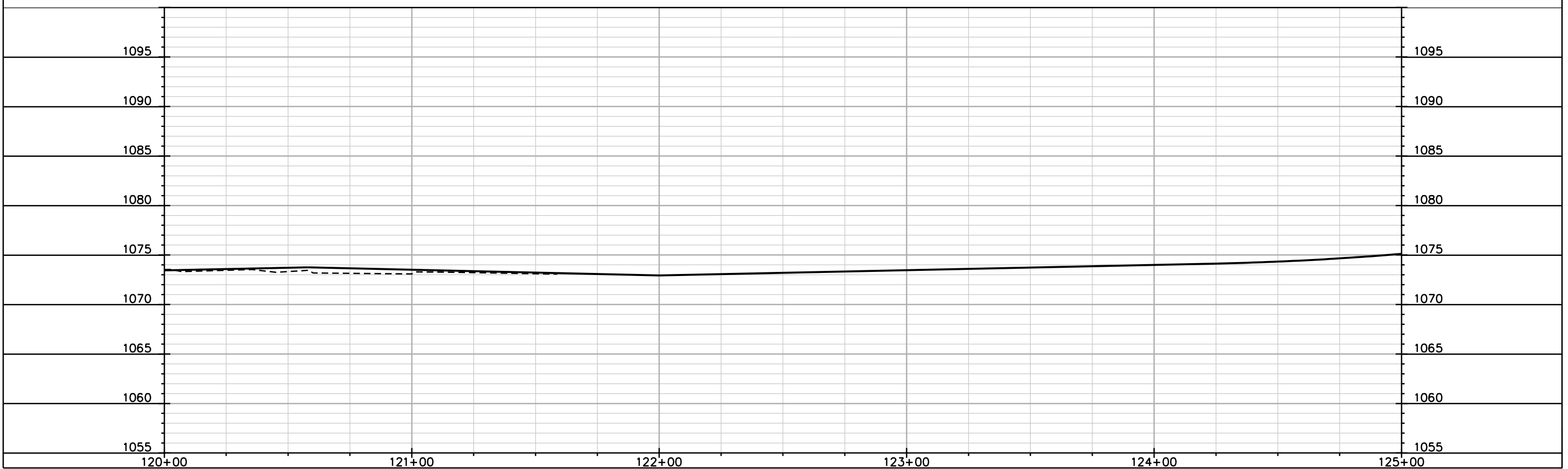
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- SILT FENCE
- CONSTRUCTION ENTRANCE
- TYPE D HYBRID INLET PROTECTION
- TYPE C INLET PROTECTION
- SILT SOCK (VELOCITY CHECK)
- STREET CONSTRUCTION STONE BERM



PLOT SCALE: _____

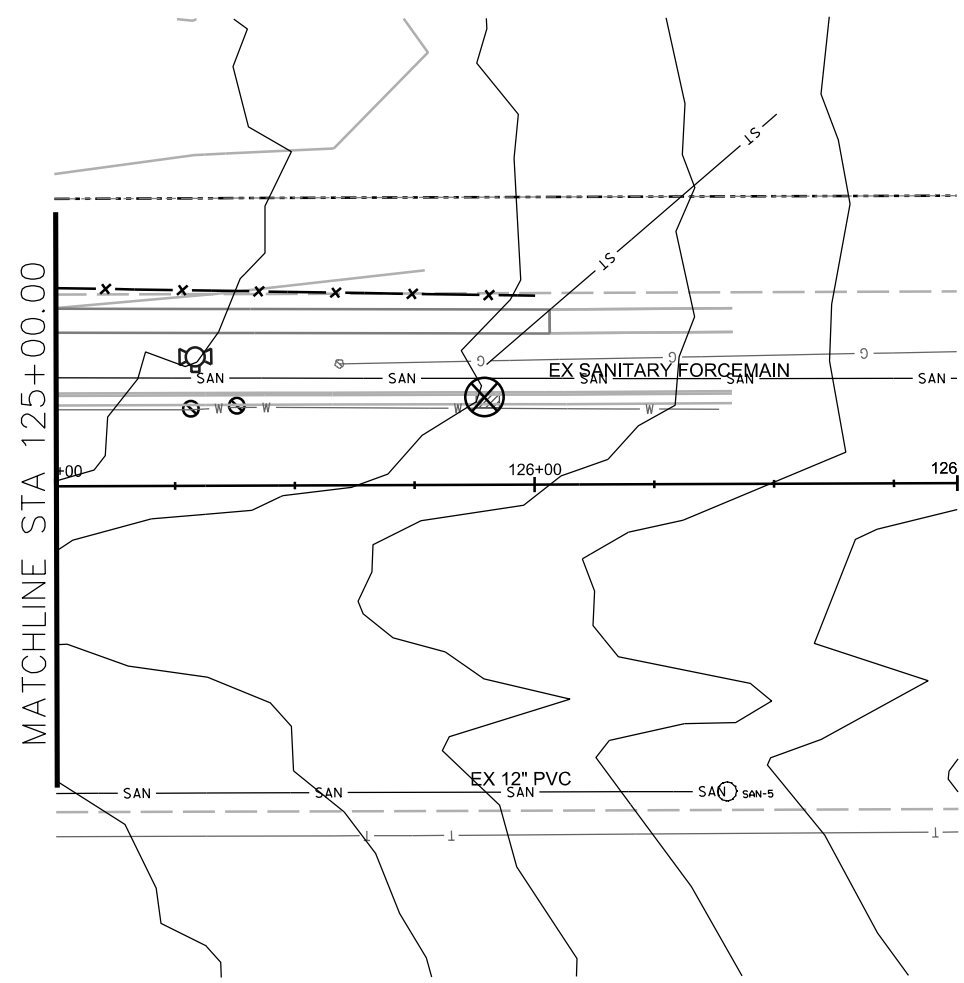
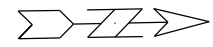
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





REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

EROSION CONTROL
PLAN AND PROFILE

SOUTH POINT ROAD CITY OF MADISON



-  STREET CONSTRUCTION ENTRANCE BERM
-  SILT FENCE
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  TYPE C INLET PROTECTION
-  SILT SOCK (VELOCITY CHECK)
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PLOT SCALE: _____

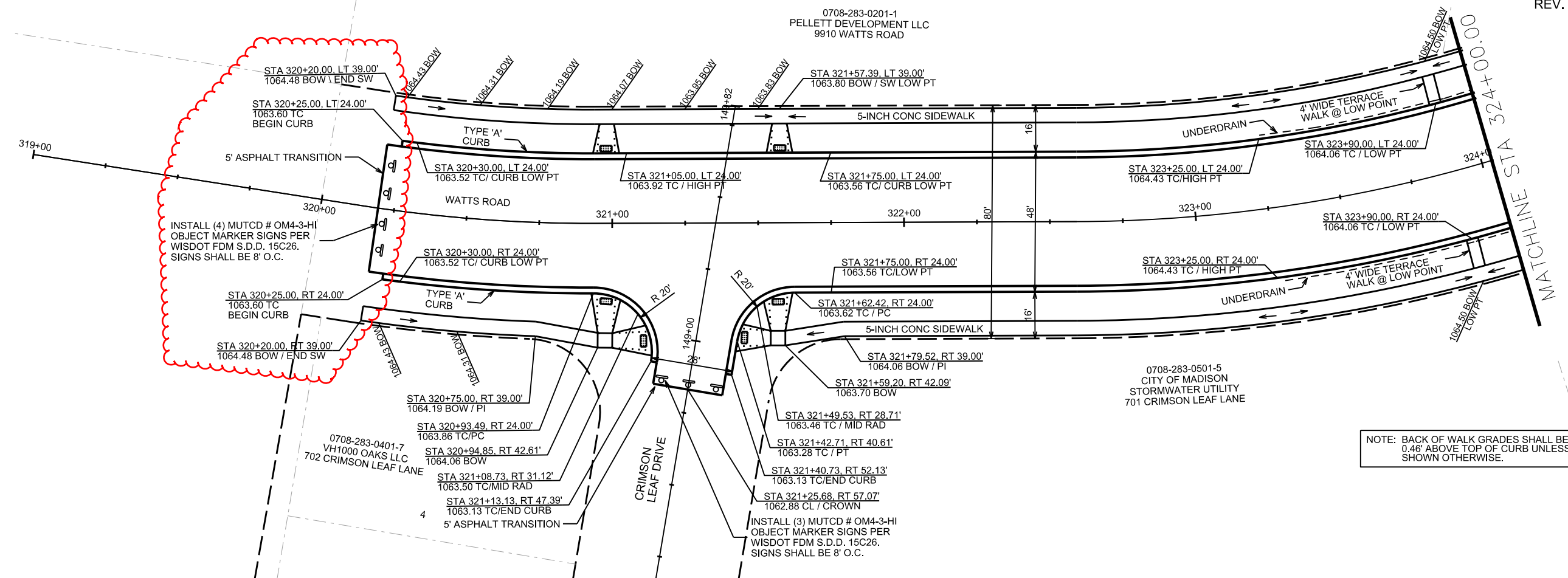
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REV. DATE: _____

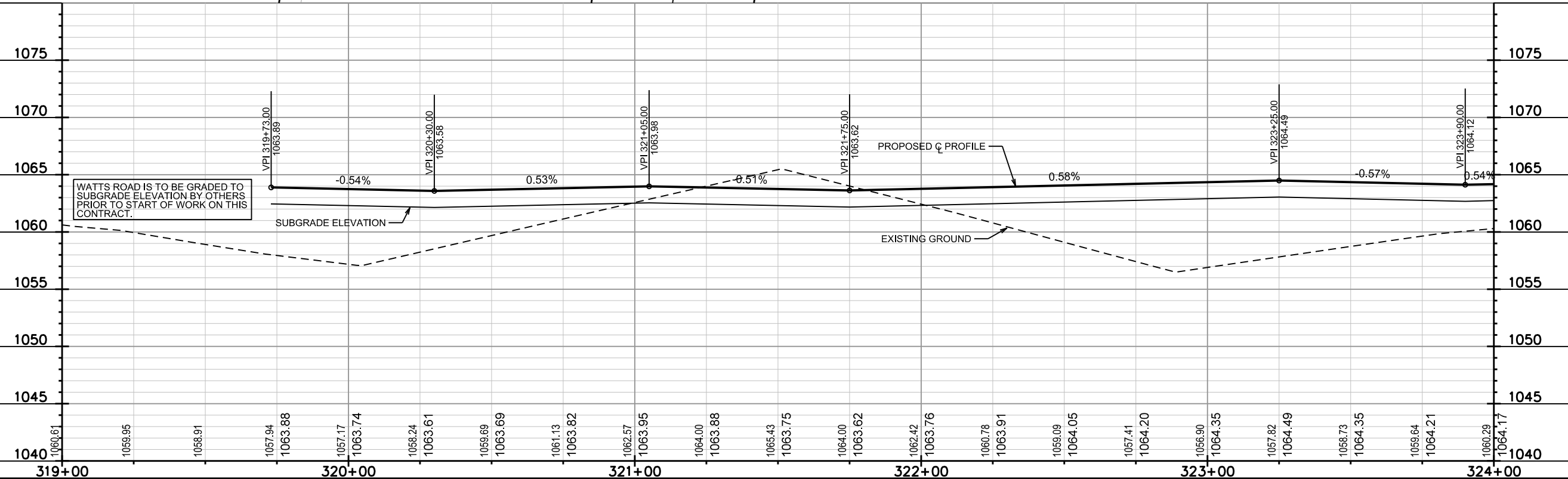
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



1000 OAKS



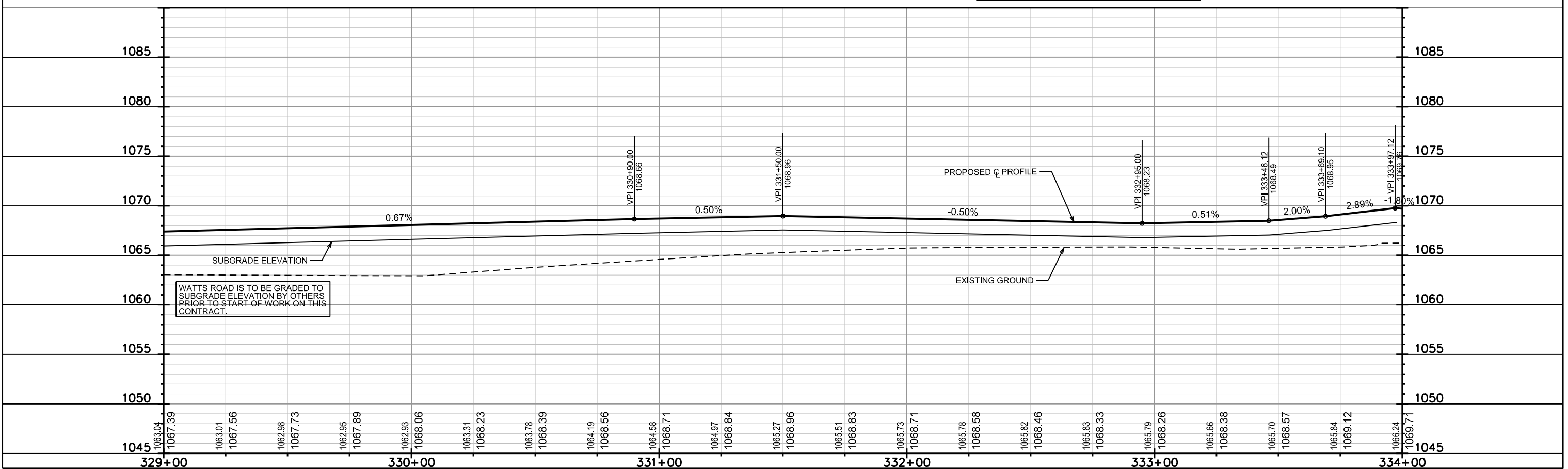
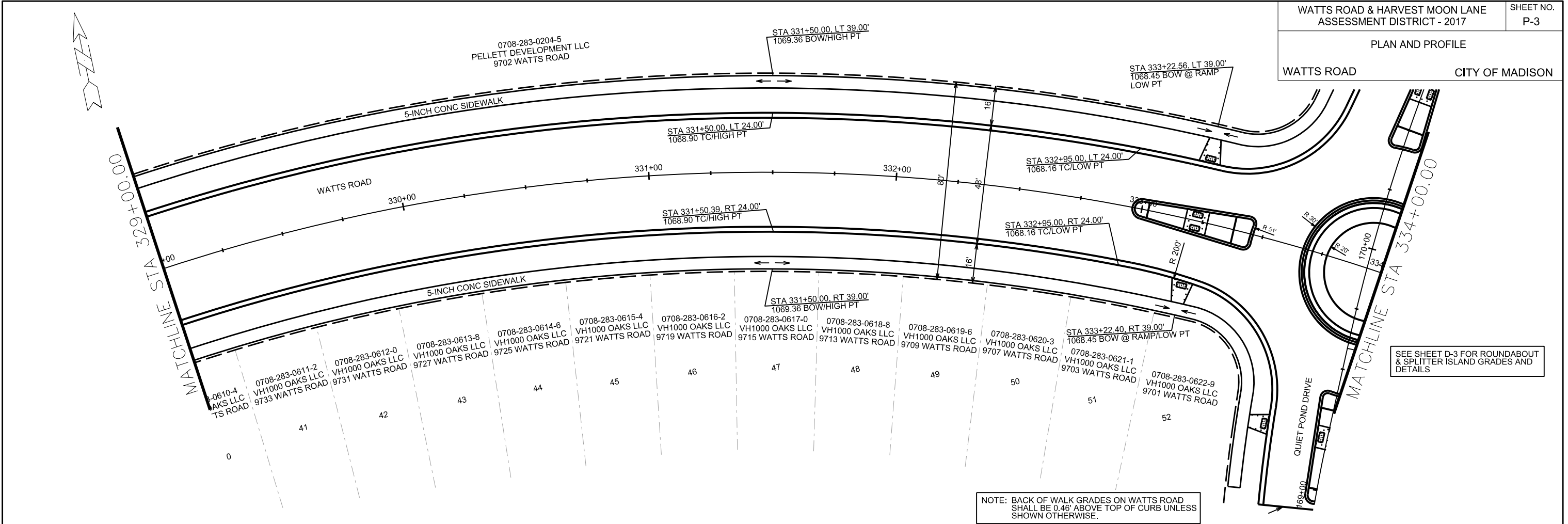
NOTE: BACK OF WALK GRADES SHALL BE 0.46' ABOVE TOP OF CURB UNLESS SHOWN OTHERWISE.

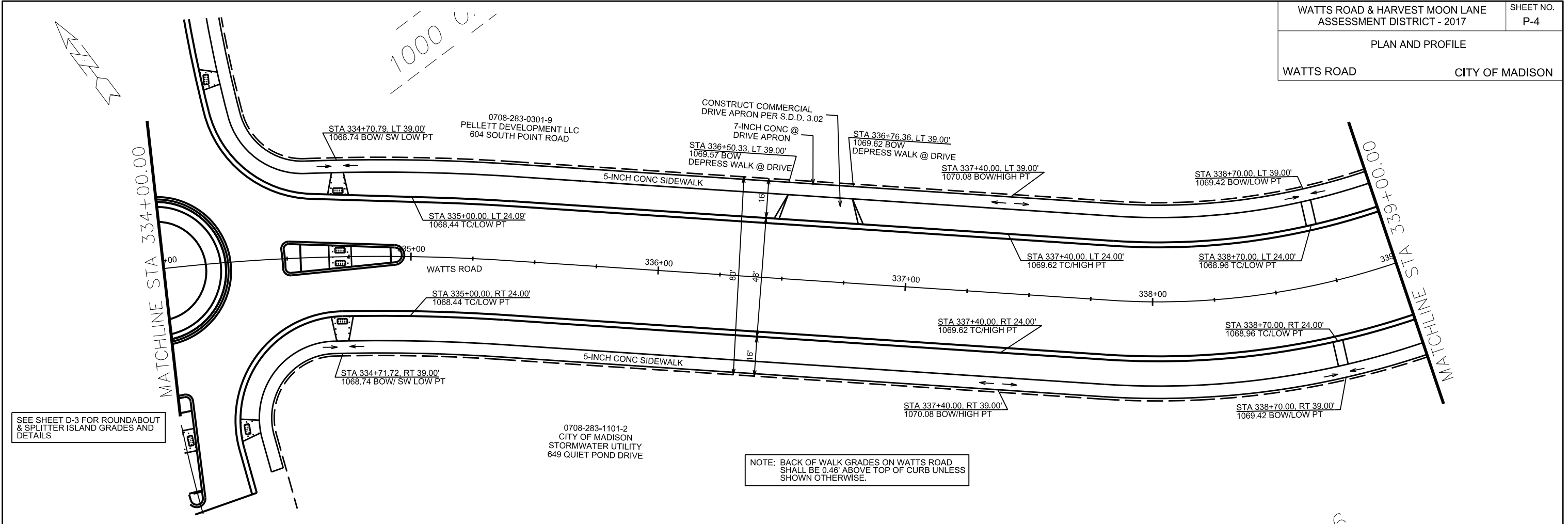


PLOT SCALE: _____

REV. DATE: _____

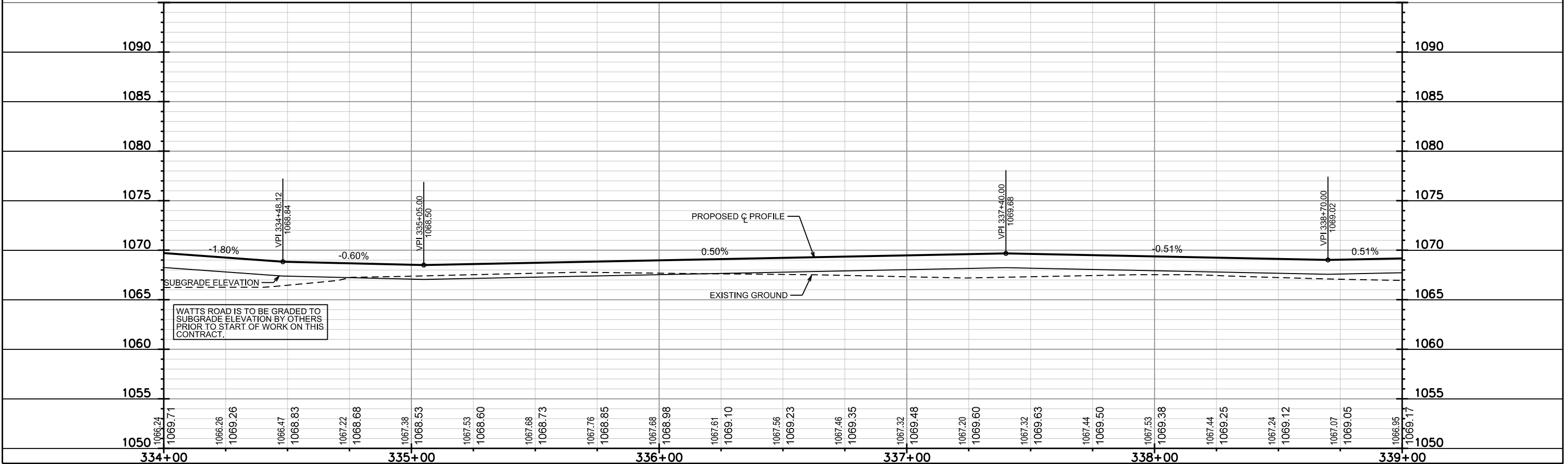
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

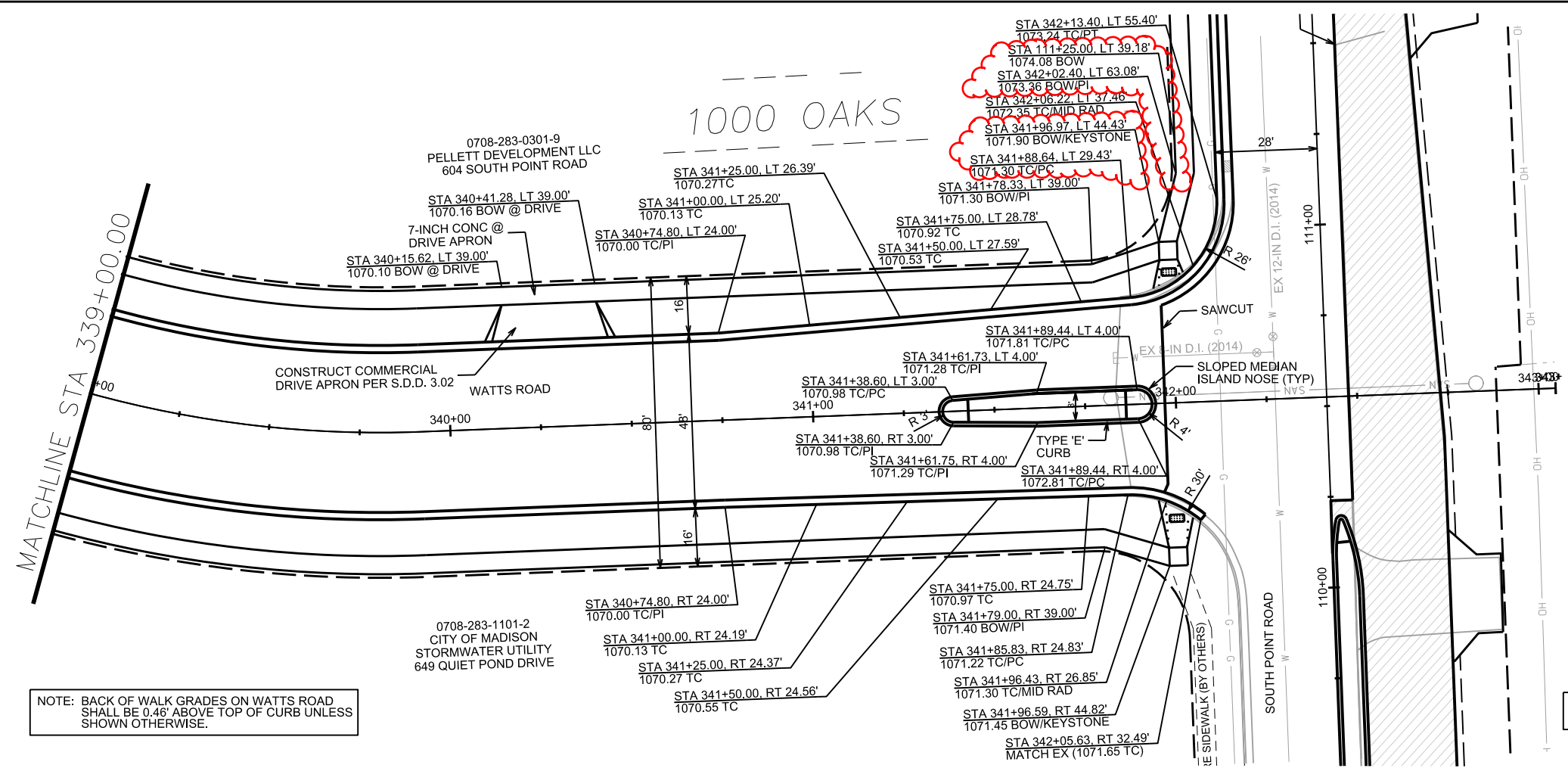




SEE SHEET D-3 FOR ROUNDABOUT & SPLITTER ISLAND GRADES AND DETAILS

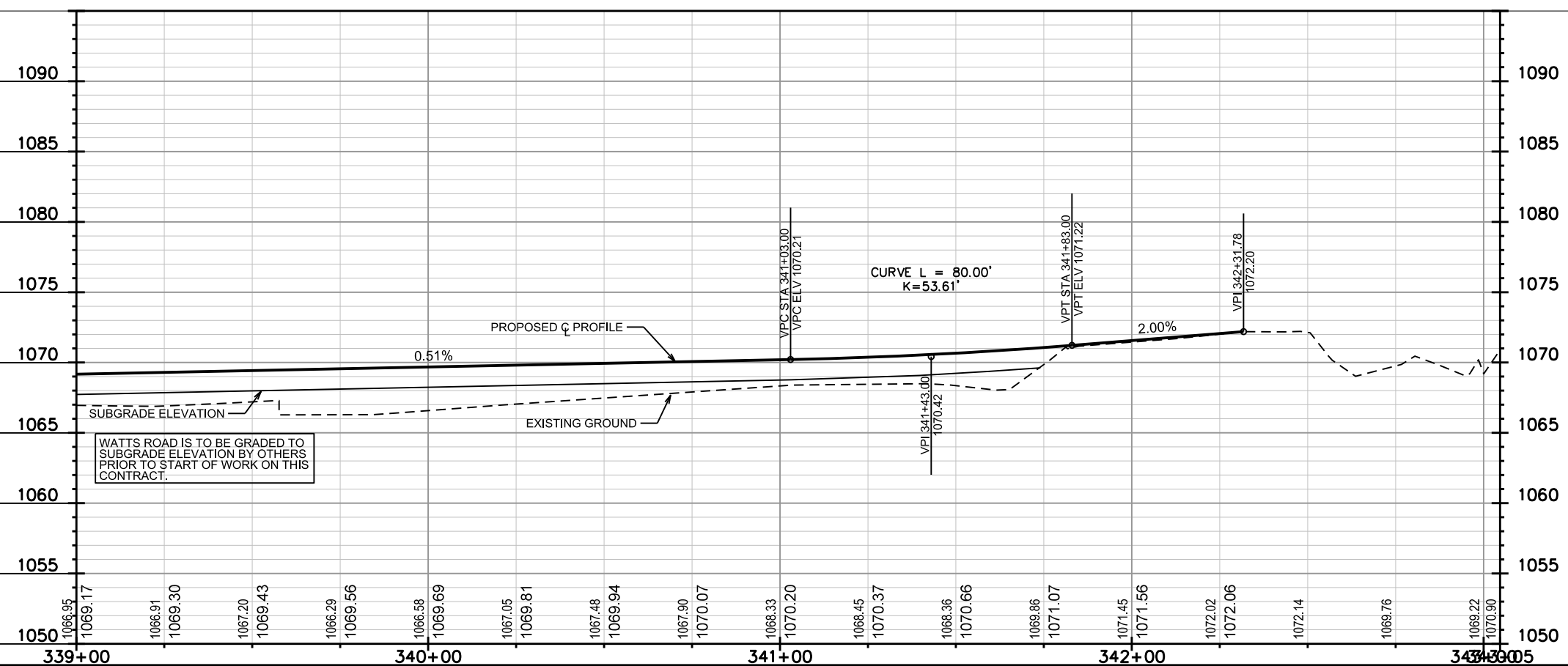
NOTE: BACK OF WALK GRADES ON WATTS ROAD SHALL BE 0.46' ABOVE TOP OF CURB UNLESS SHOWN OTHERWISE.





NOTE: BACK OF WALK GRADES ON WATTS ROAD SHALL BE 0.46' ABOVE TOP OF CURB UNLESS SHOWN OTHERWISE.

SEE SHEET P-9 THRU P-13 FOR SOUTH POINT ROAD DETAILS

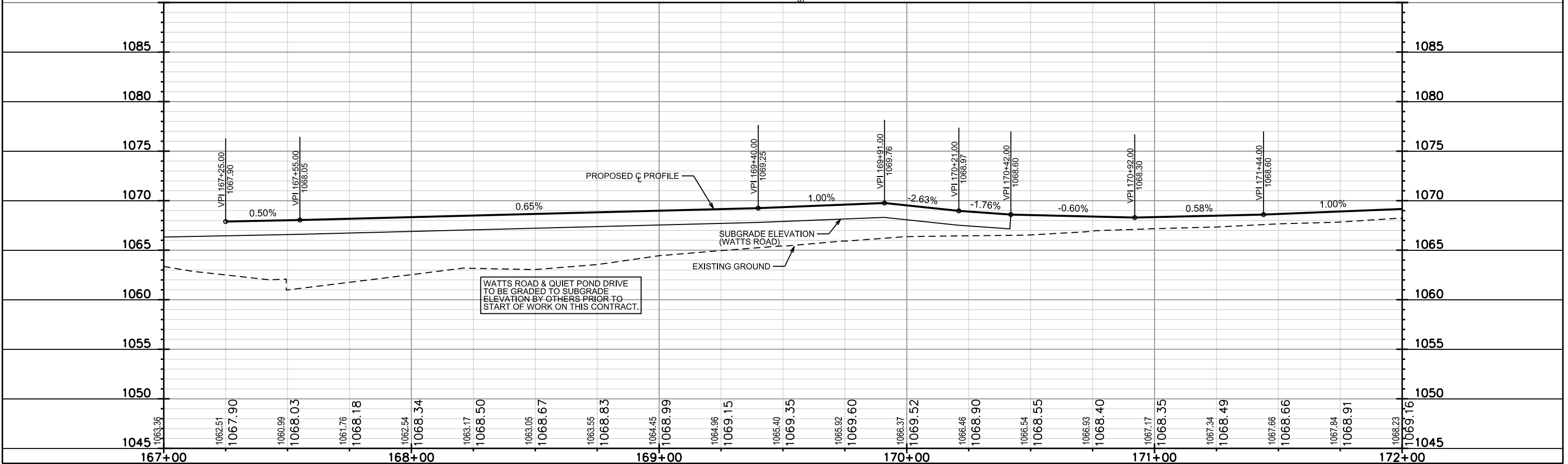
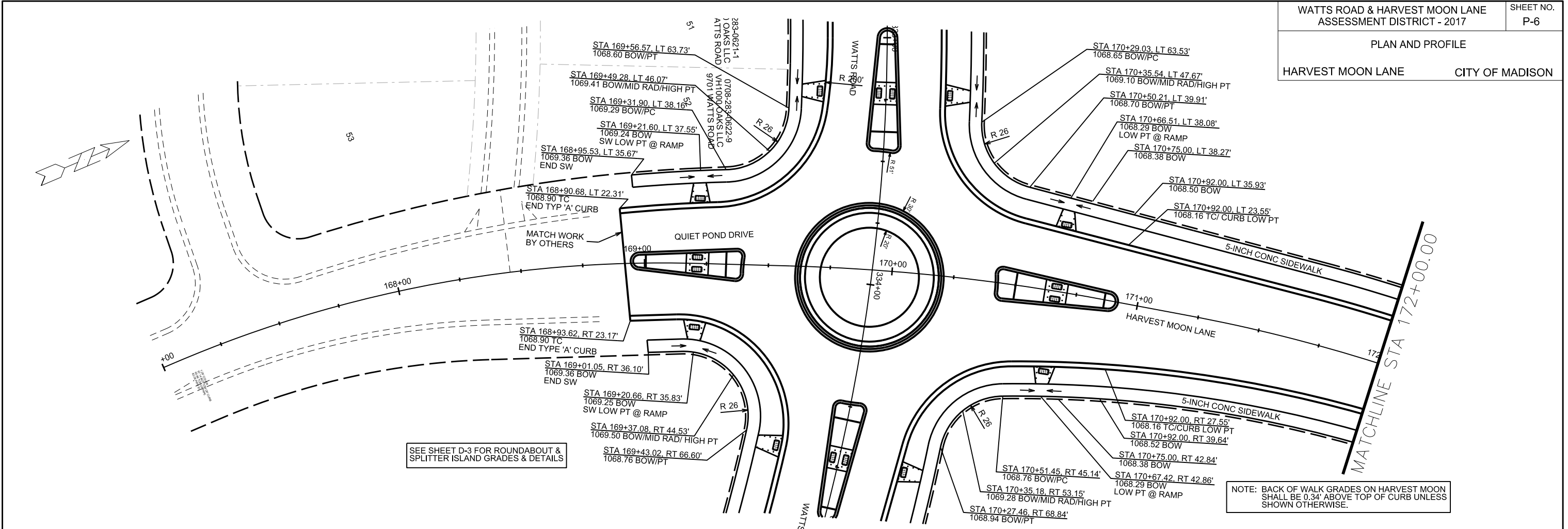


WATTS ROAD IS TO BE GRADED TO SUBGRADE ELEVATION BY OTHERS PRIOR TO START OF WORK ON THIS CONTRACT.

PLOT SCALE: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

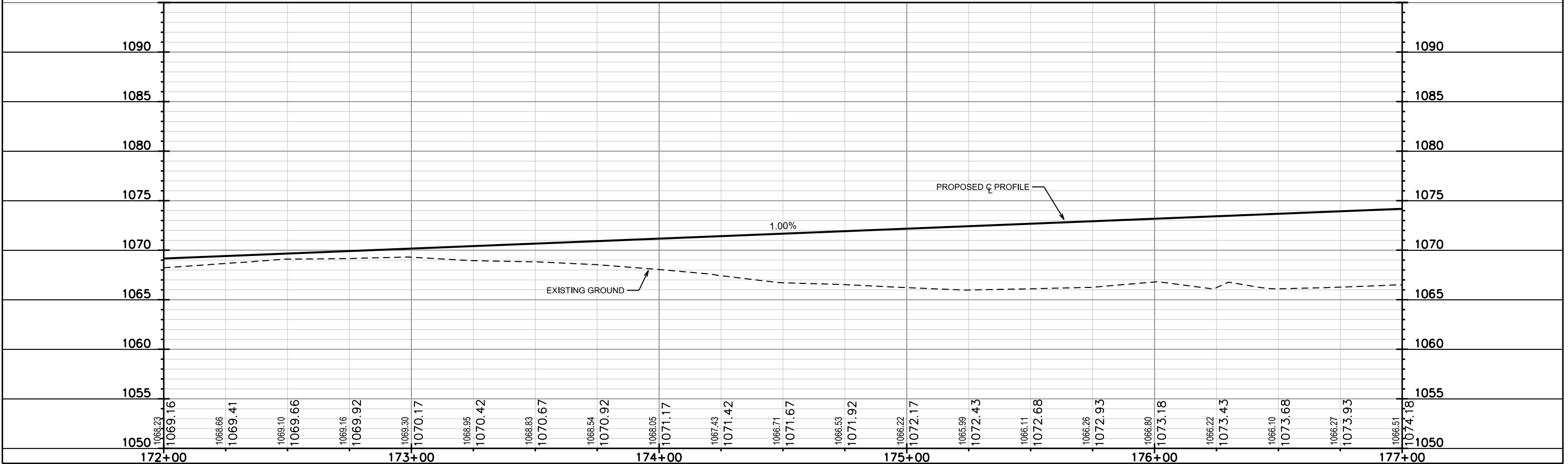
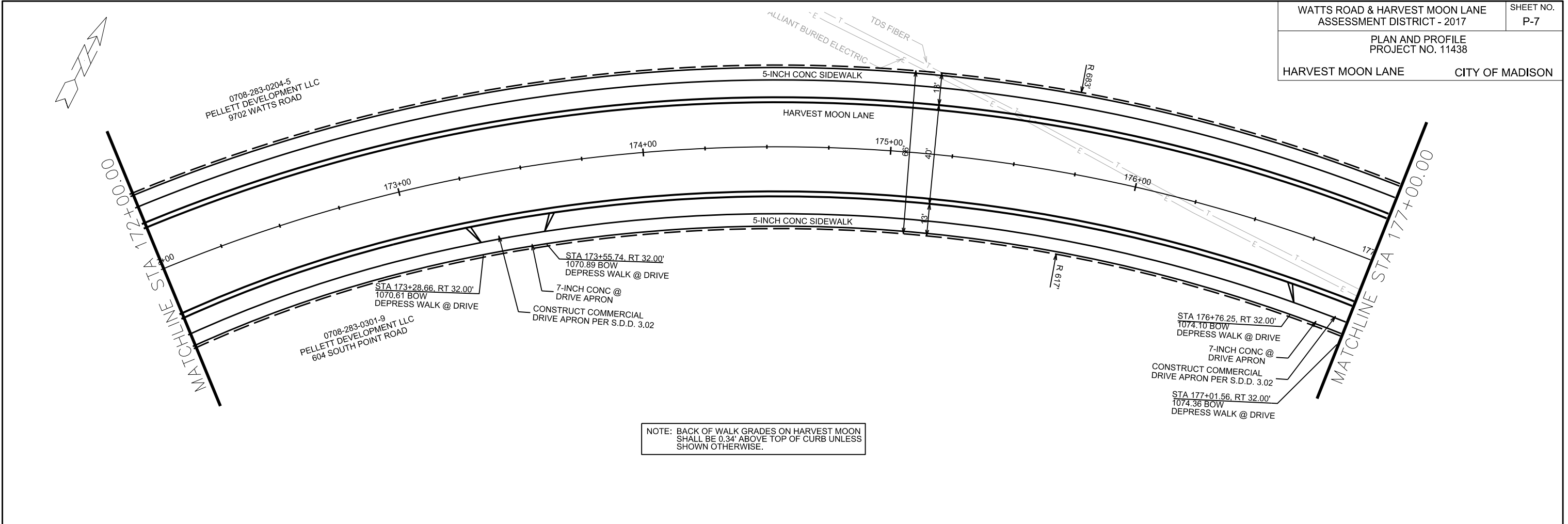


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

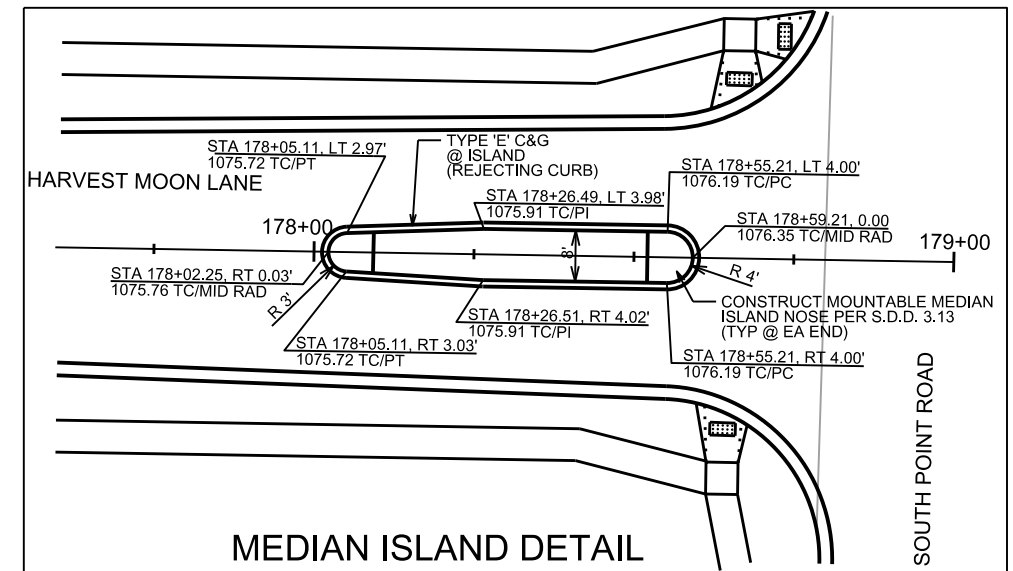
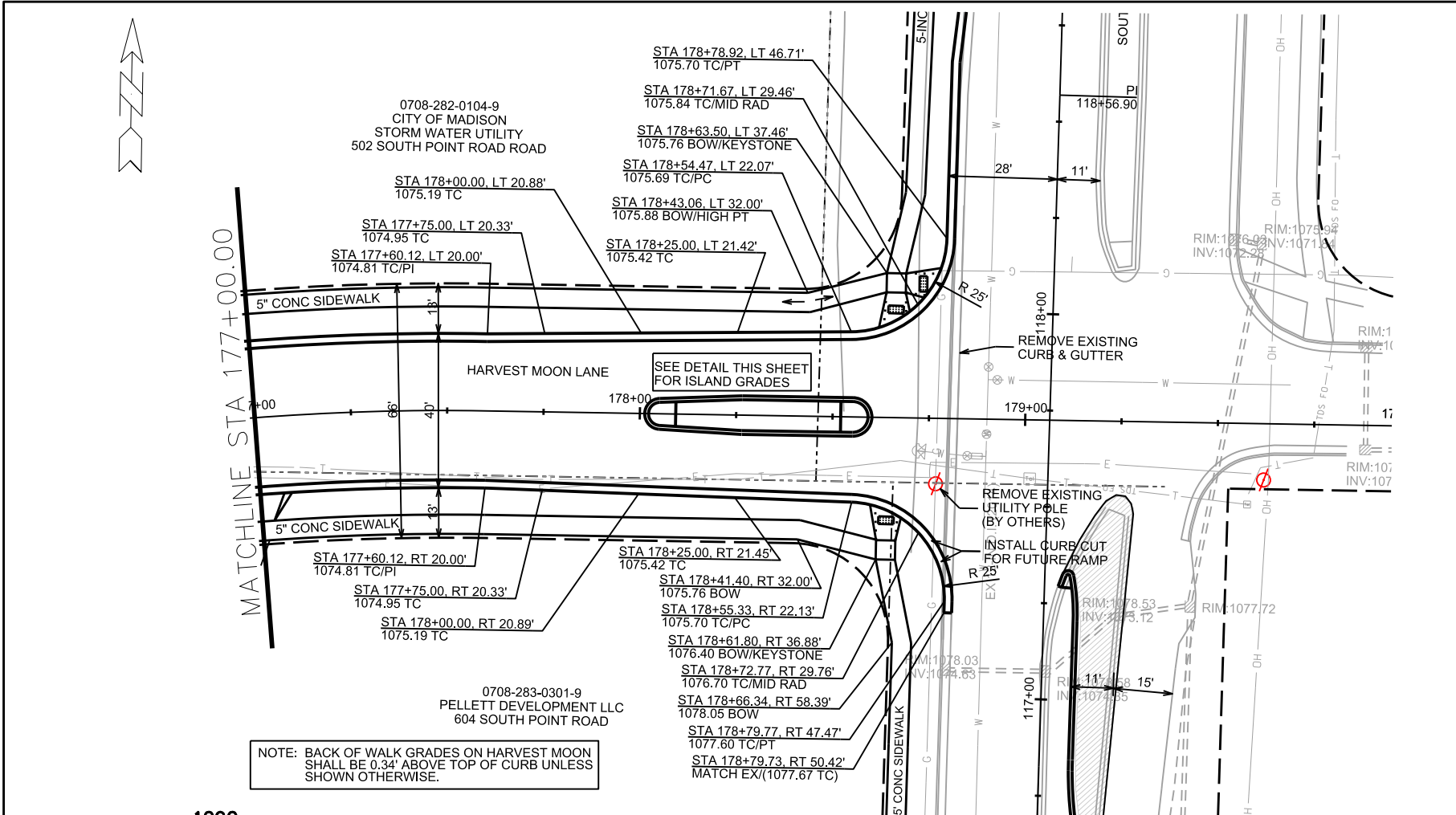


PLOT SCALE: _____

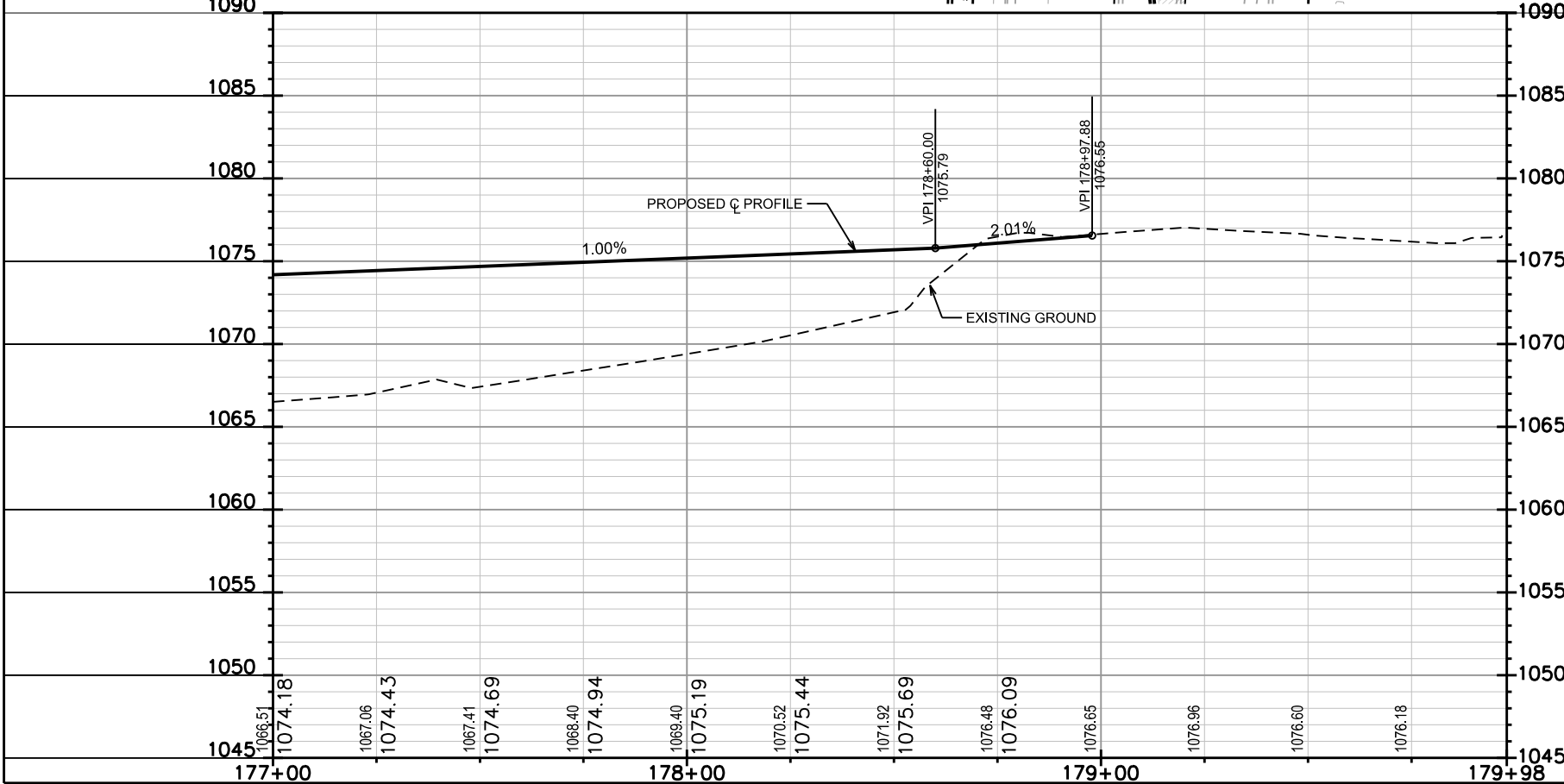
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

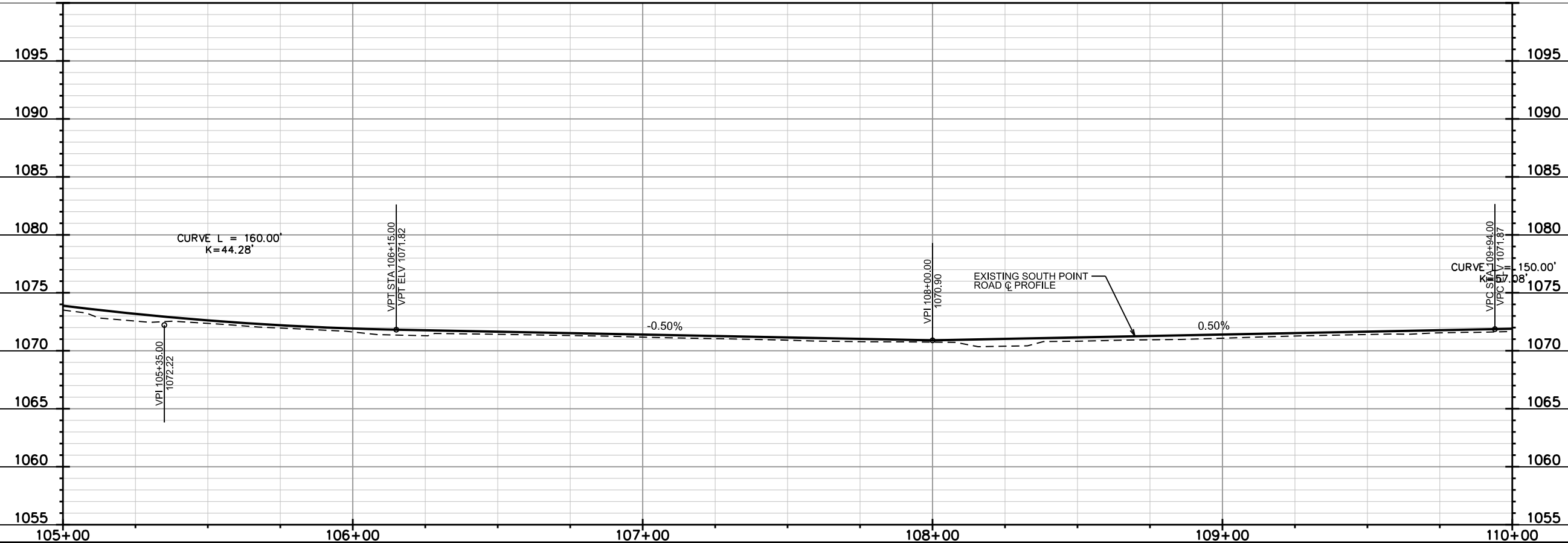
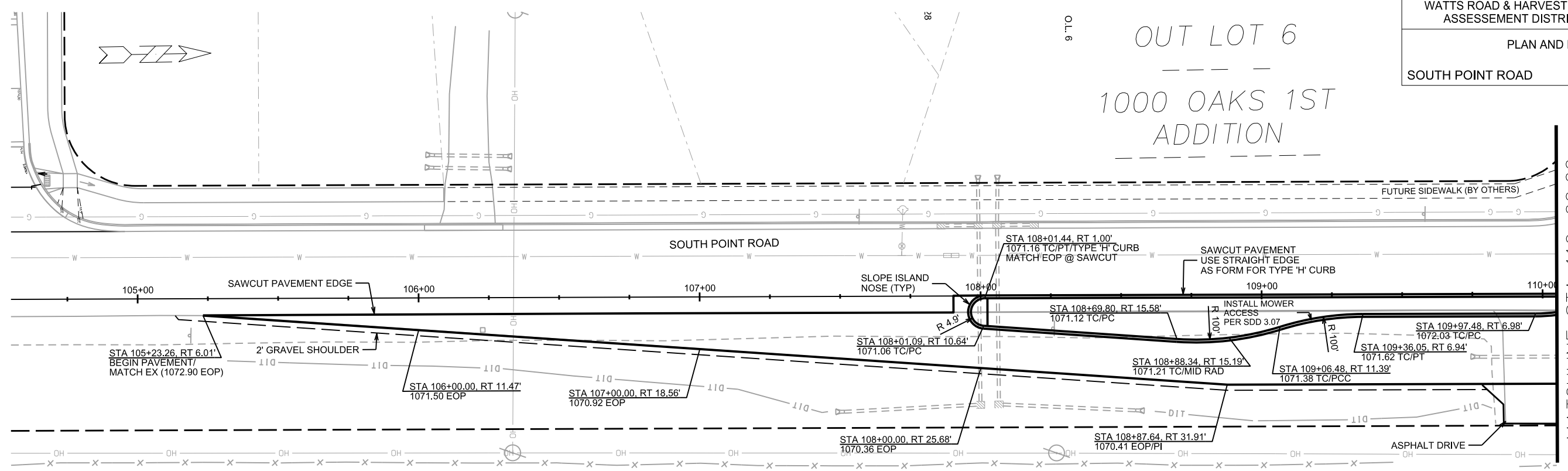


NOTE: BACK OF WALK GRADES ON HARVEST MOON SHALL BE 0.34' ABOVE TOP OF CURB UNLESS SHOWN OTHERWISE.



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

OUT LOT 6
1000 OAKS 1ST
ADDITION



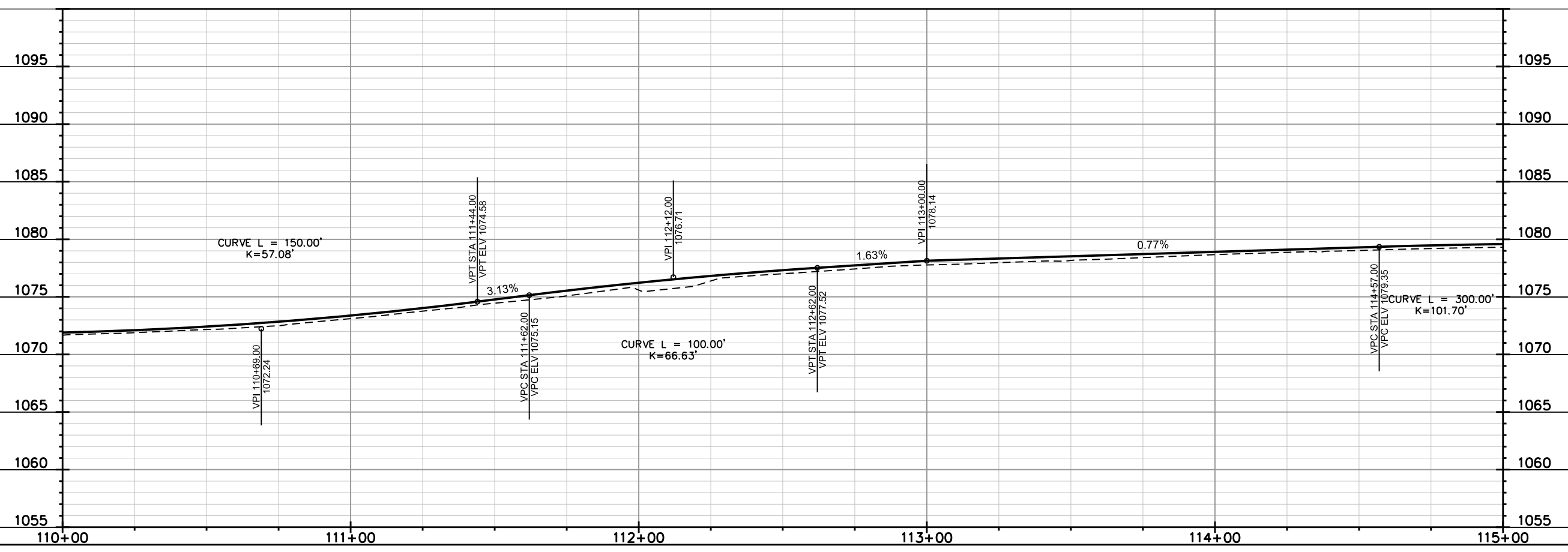
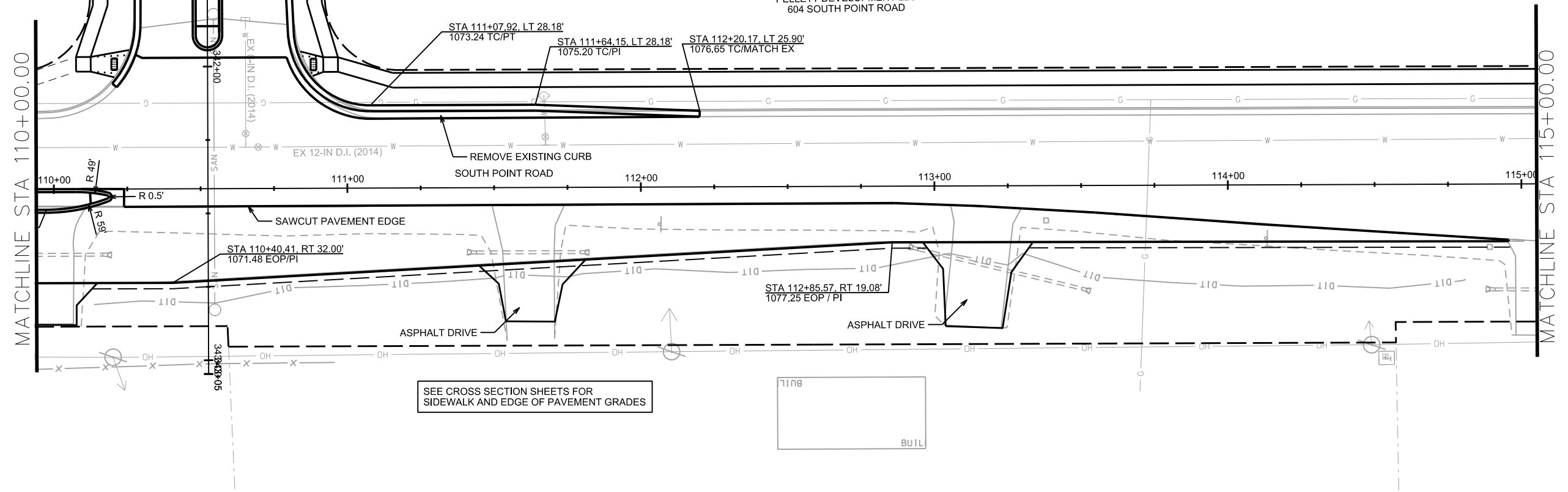
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0708-283-0301-9
PELLETT DEVELOPMENT LLC
604 SOUTH POINT ROAD

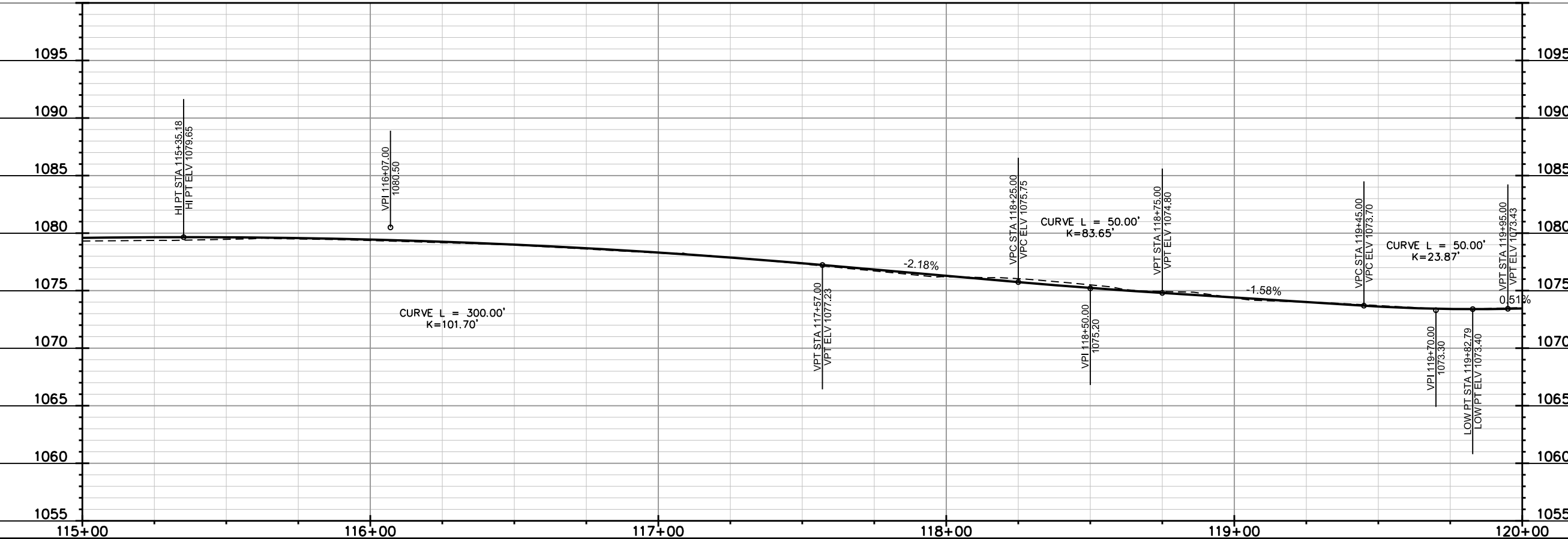
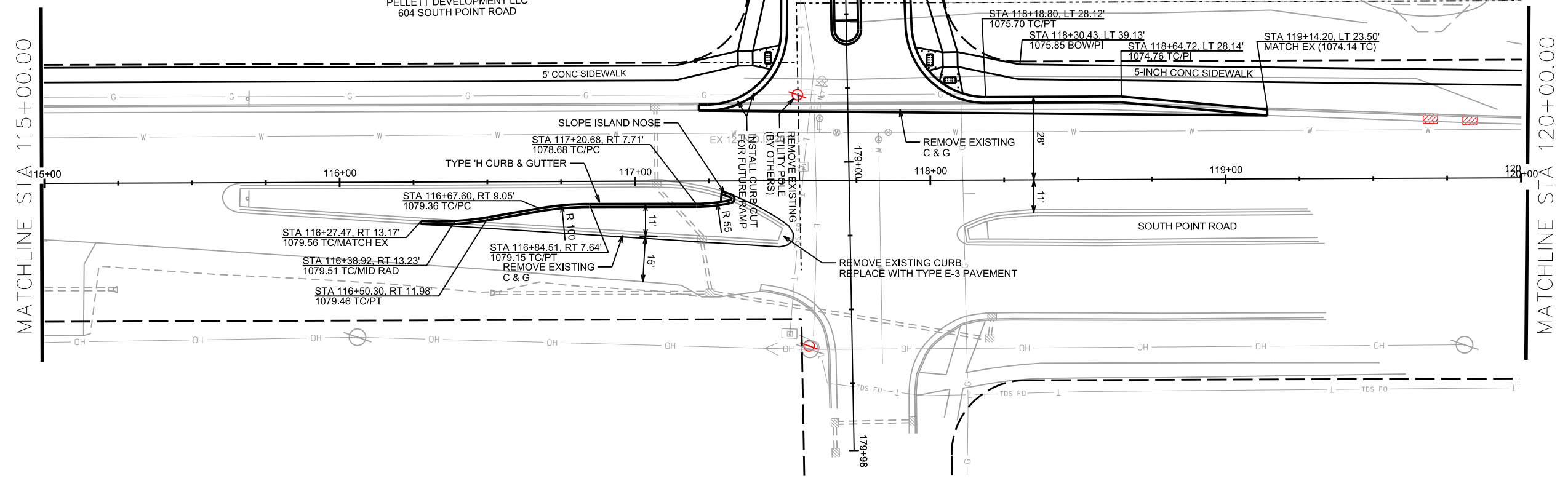
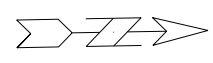


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SEE CROSS SECTION SHEETS FOR SIDEWALK OFFSETS AND ELEVATIONS

0708-282-0103-1
CITY OF MADISON STREETS
WEST SIDE PUBLIC WORKS
402 SOUTH POINT ROAD

ADJUST PEDESTALS
(BY OTHERS)

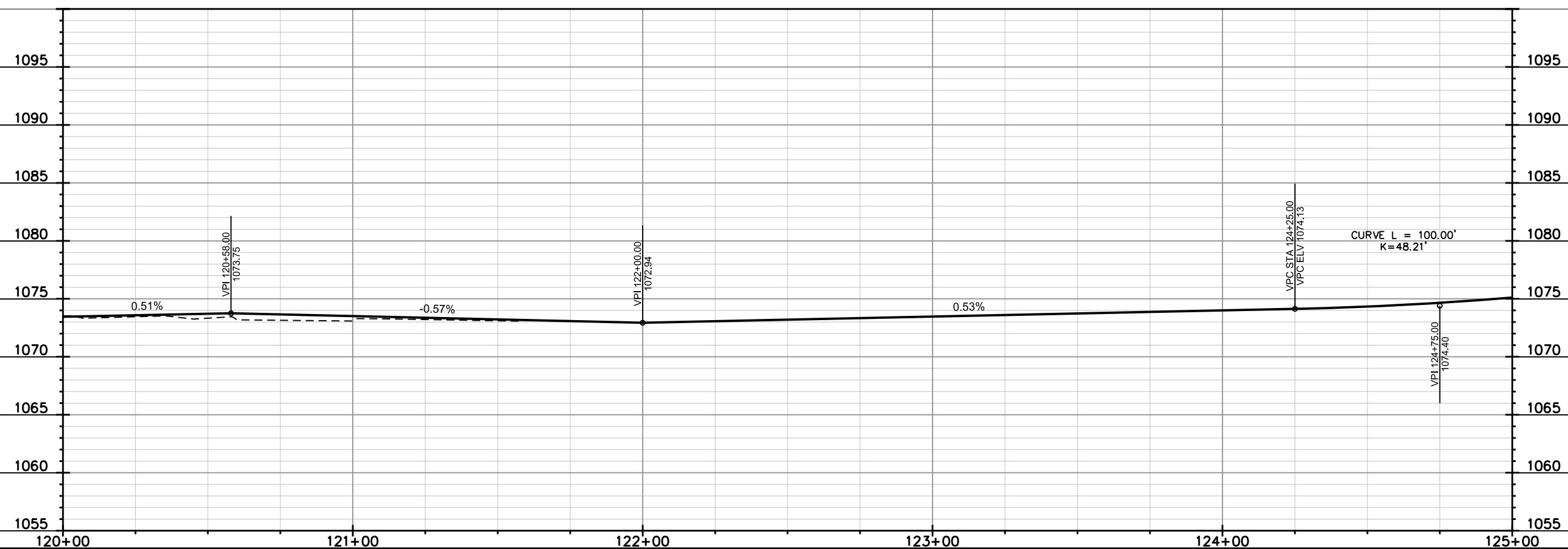
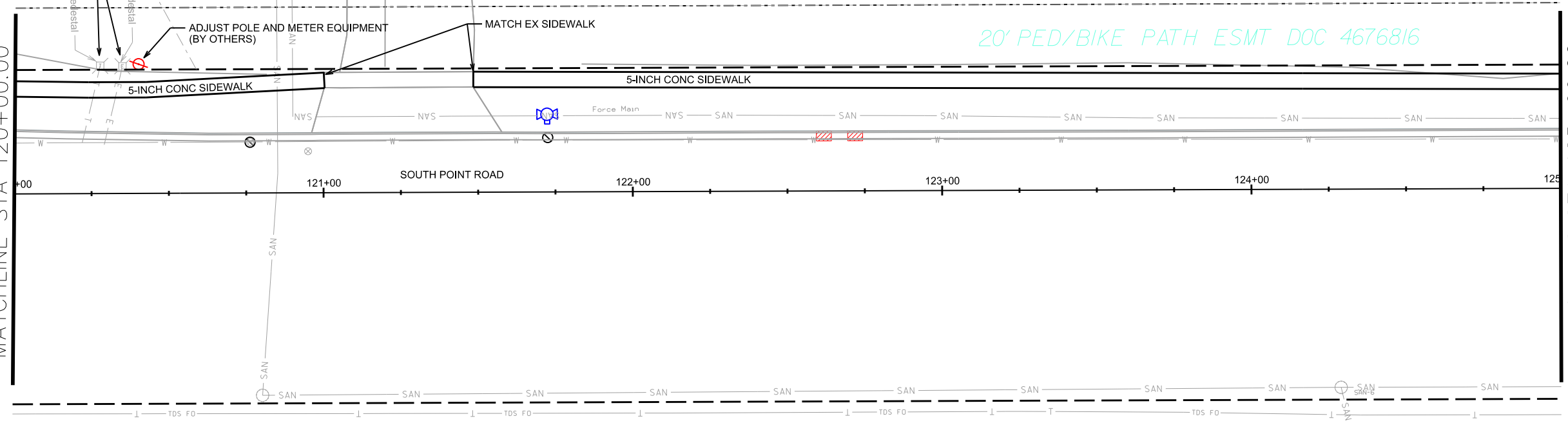
ADJUST POLE AND METER EQUIPMENT
(BY OTHERS)

MATCH EX SIDEWALK

20' PED/BIKE PATH ESMT DOC 4676816

MATCHLINE STA 120+00.00

MATCHLINE STA 125+00.00



PLOT SCALE: _____

PLOT NAME: _____

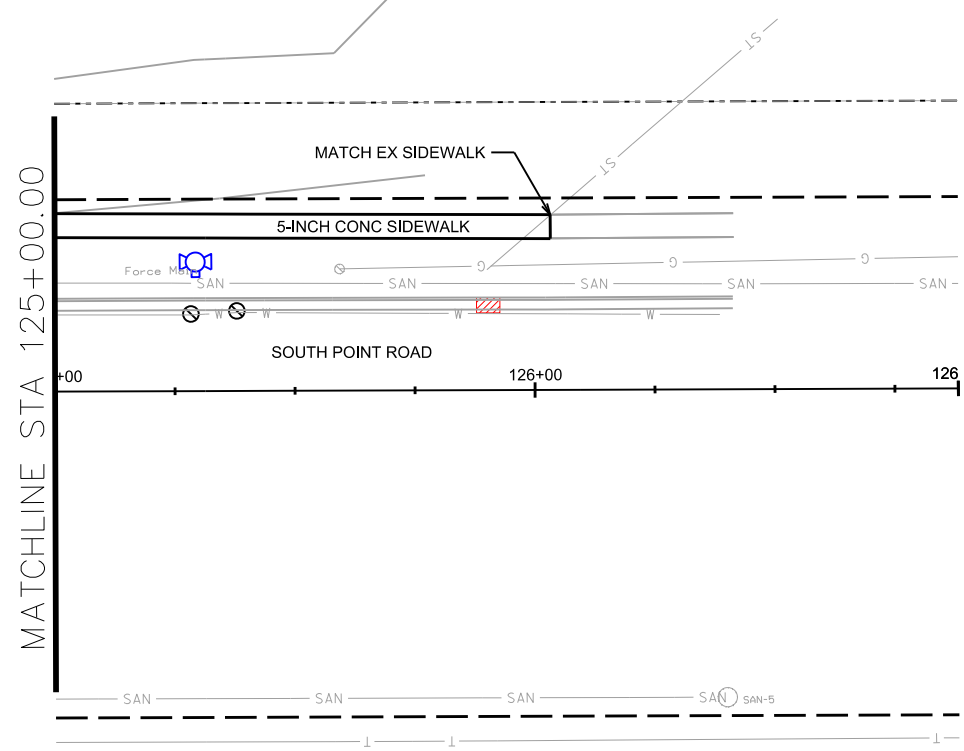
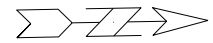
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

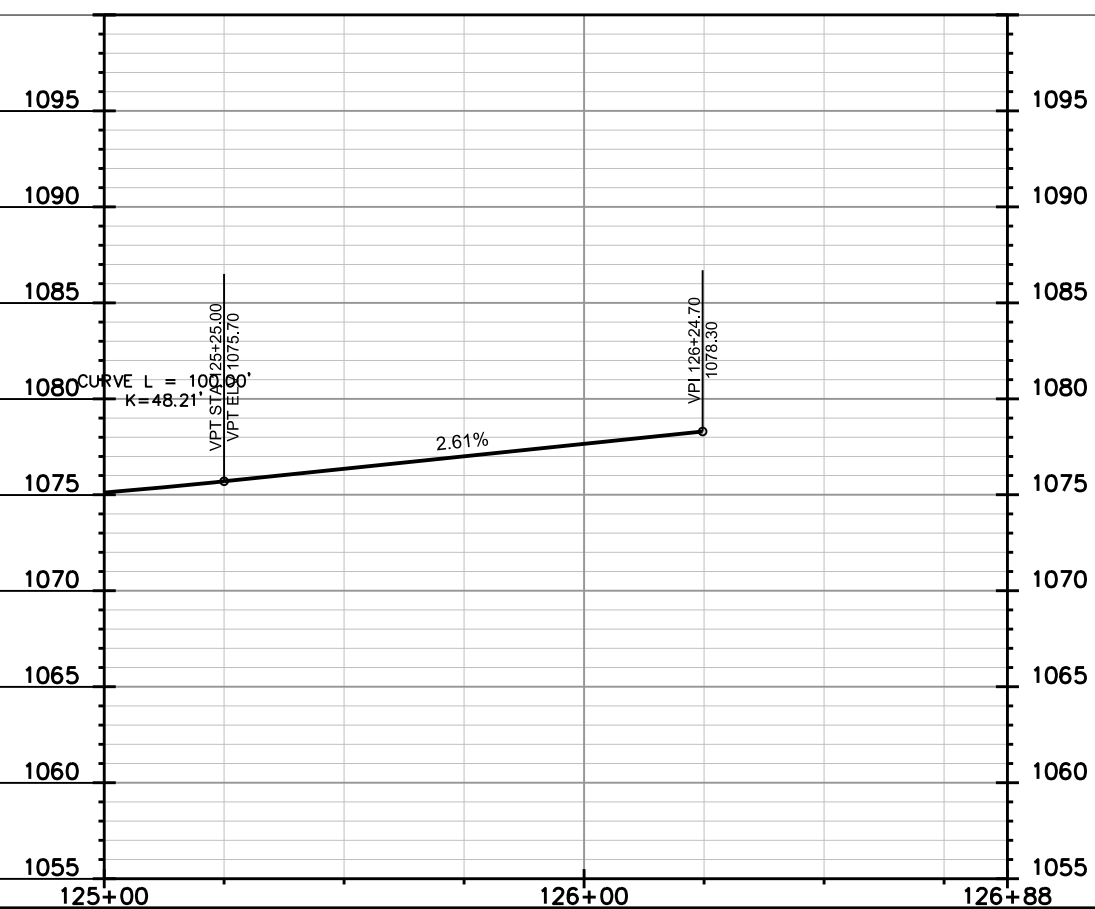
PLAN AND PROFILE

SOUTH POINT ROAD

CITY OF MADISON



SEE CROSS SECTION SHEETS FOR SIDEWALK OFFSETS AND ELEVATIONS

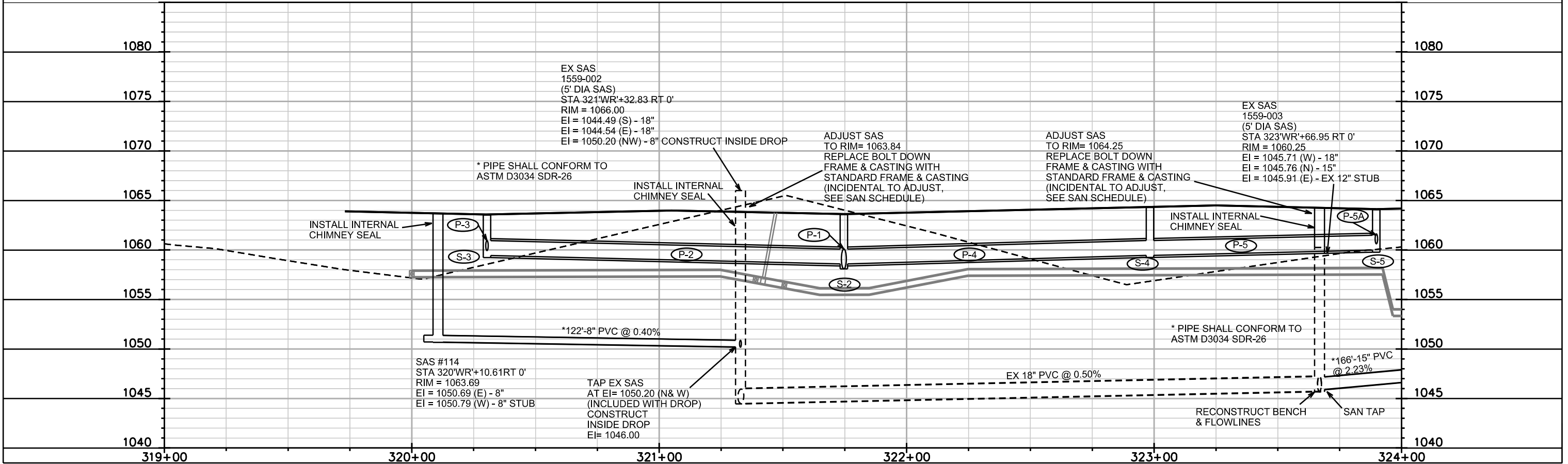
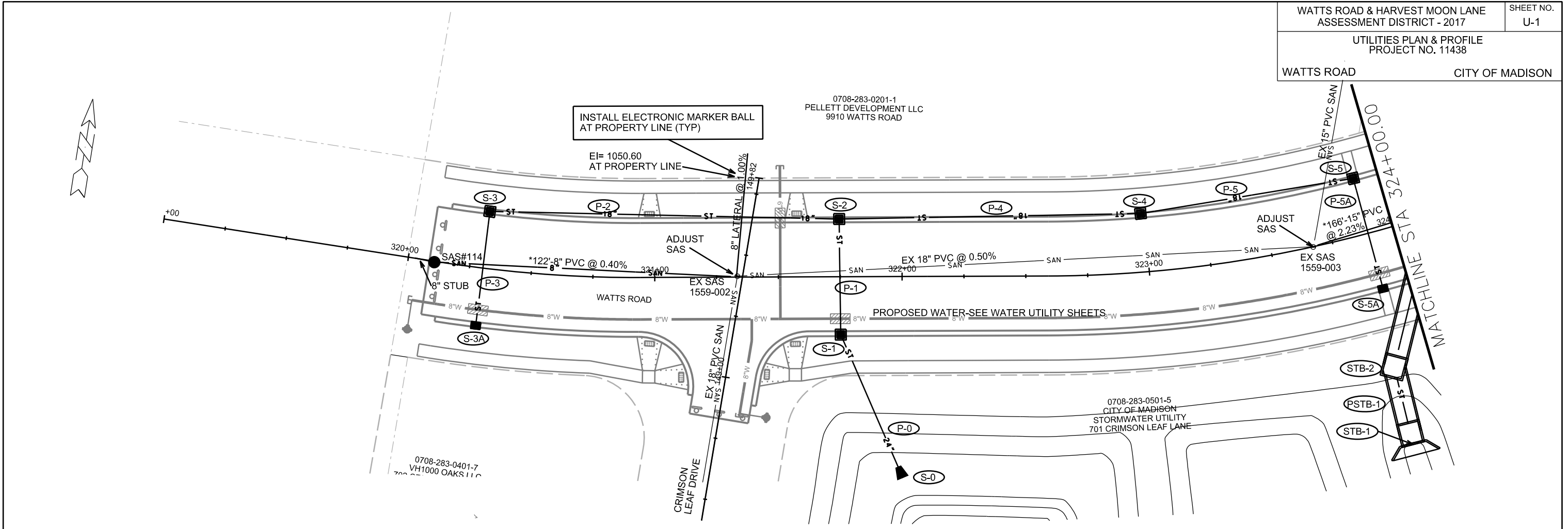


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



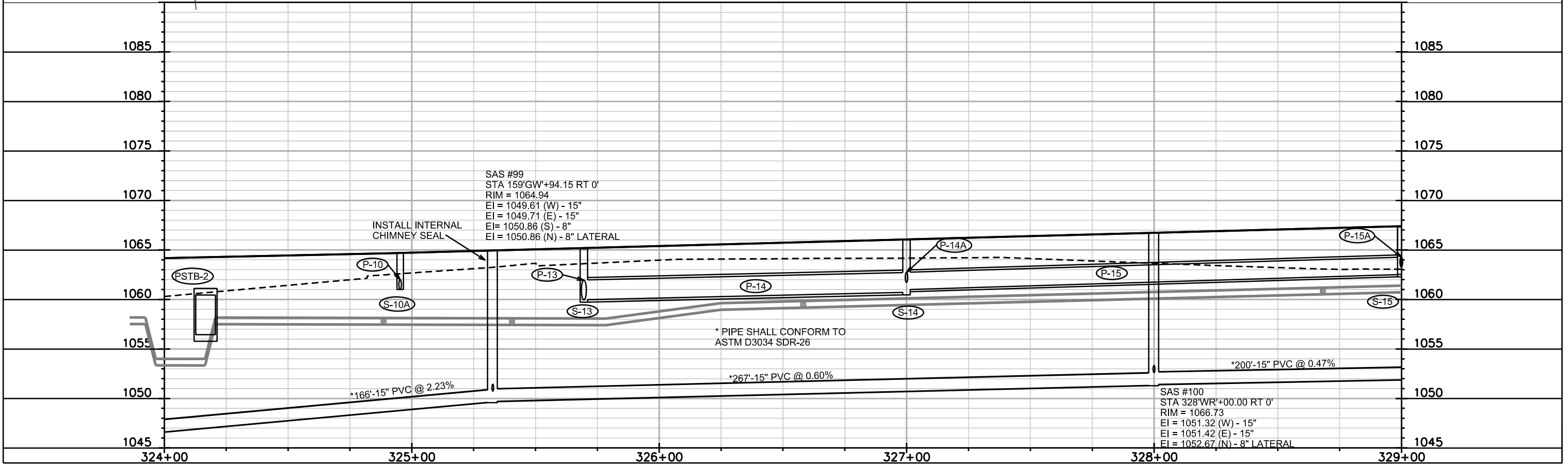
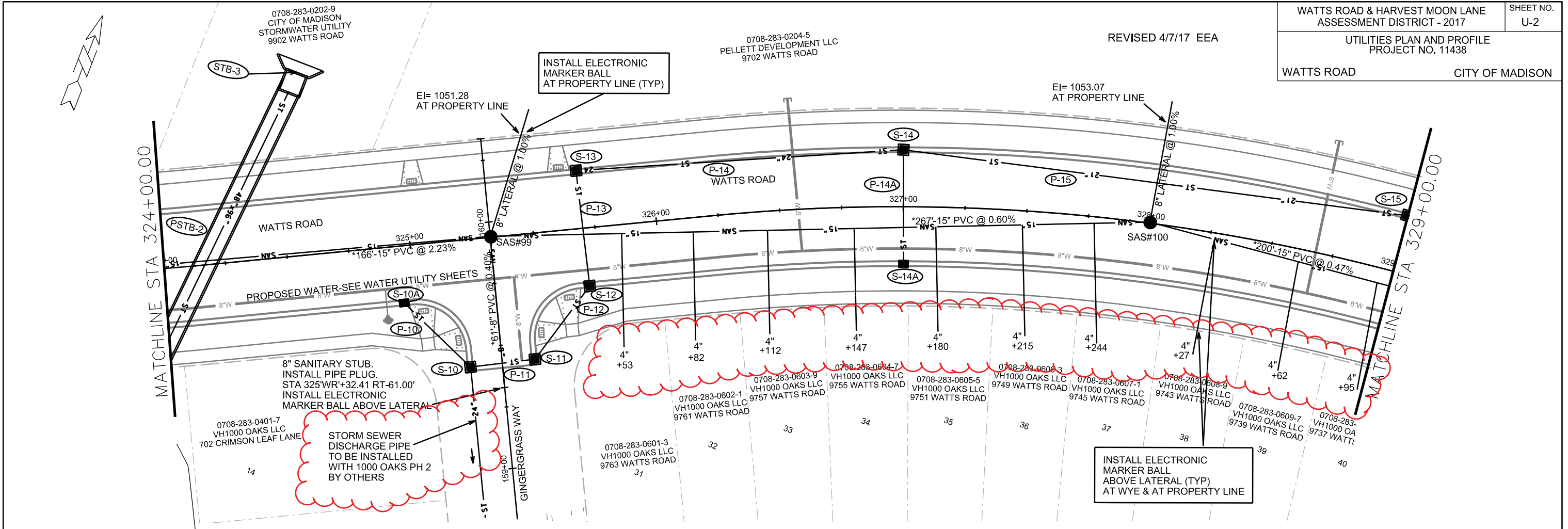
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PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REVISED 4/7/17 EEA



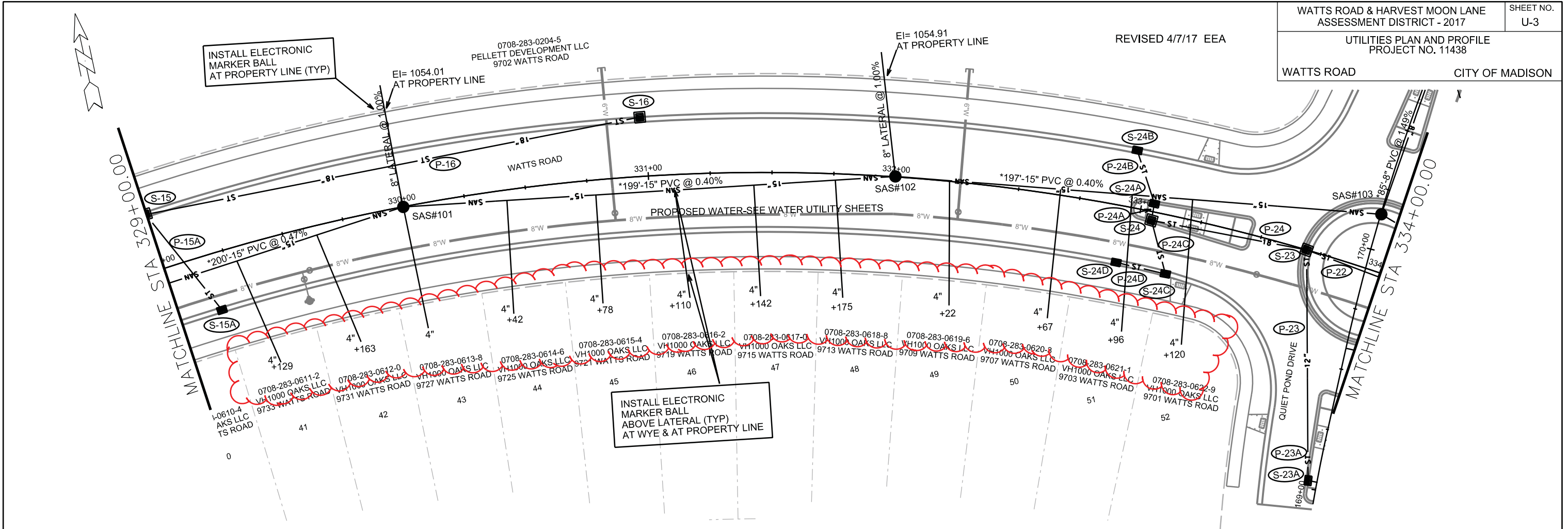
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

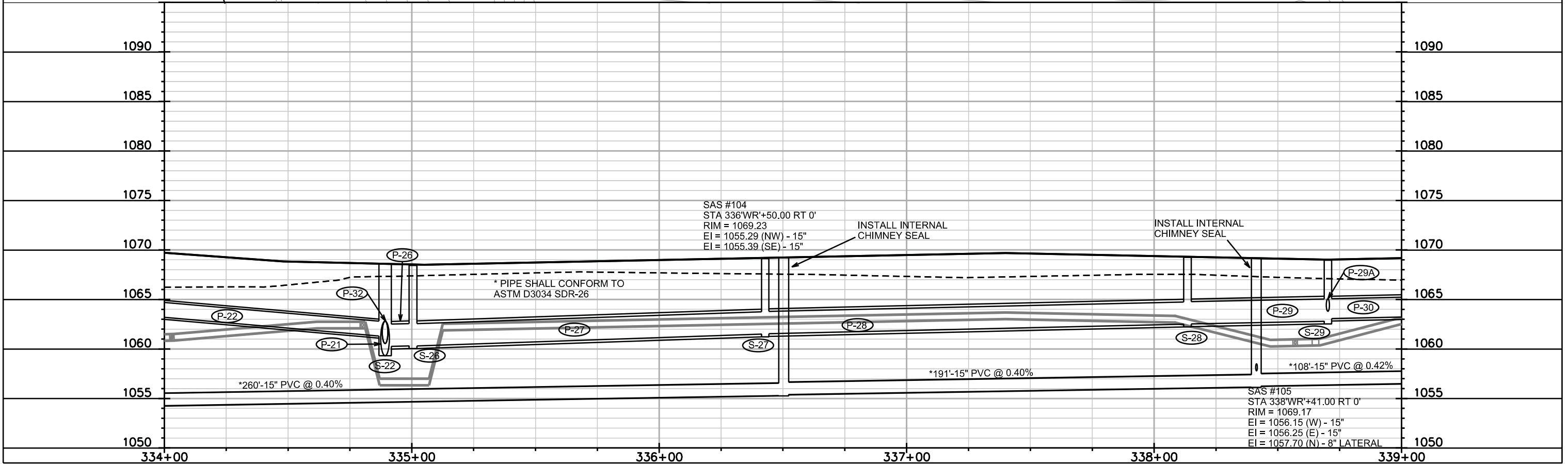
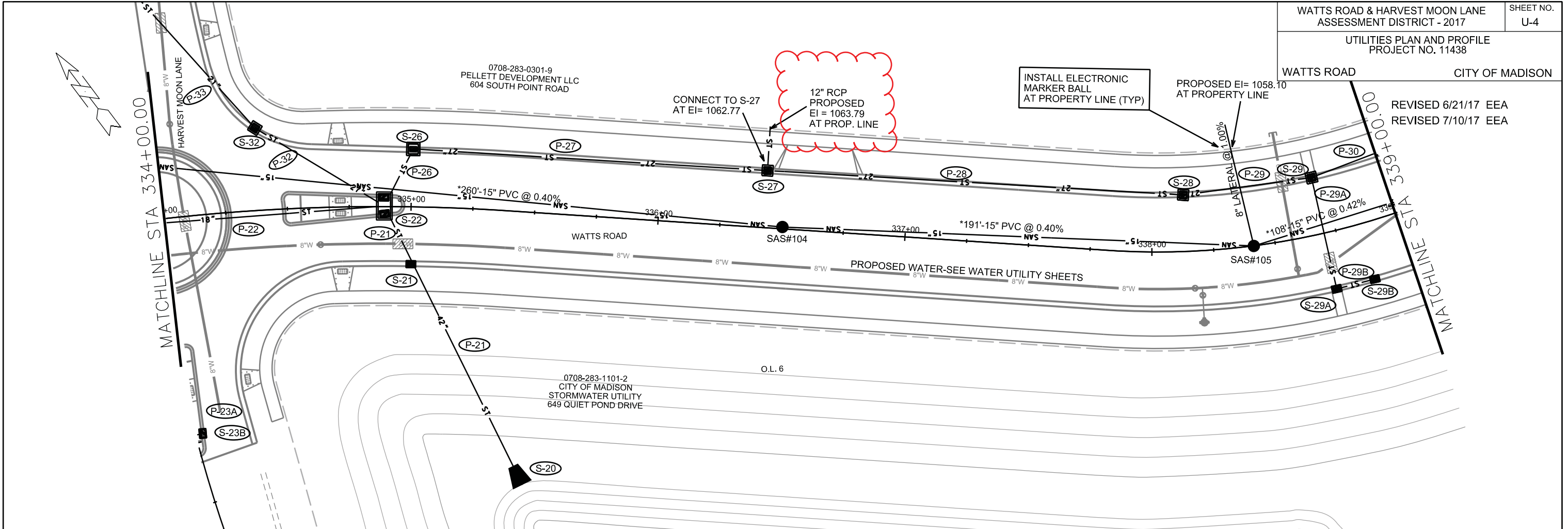
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REVISED 4/7/17 EEA



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

REVISED 6/21/17 EEA
REVISED 7/10/17 EEA



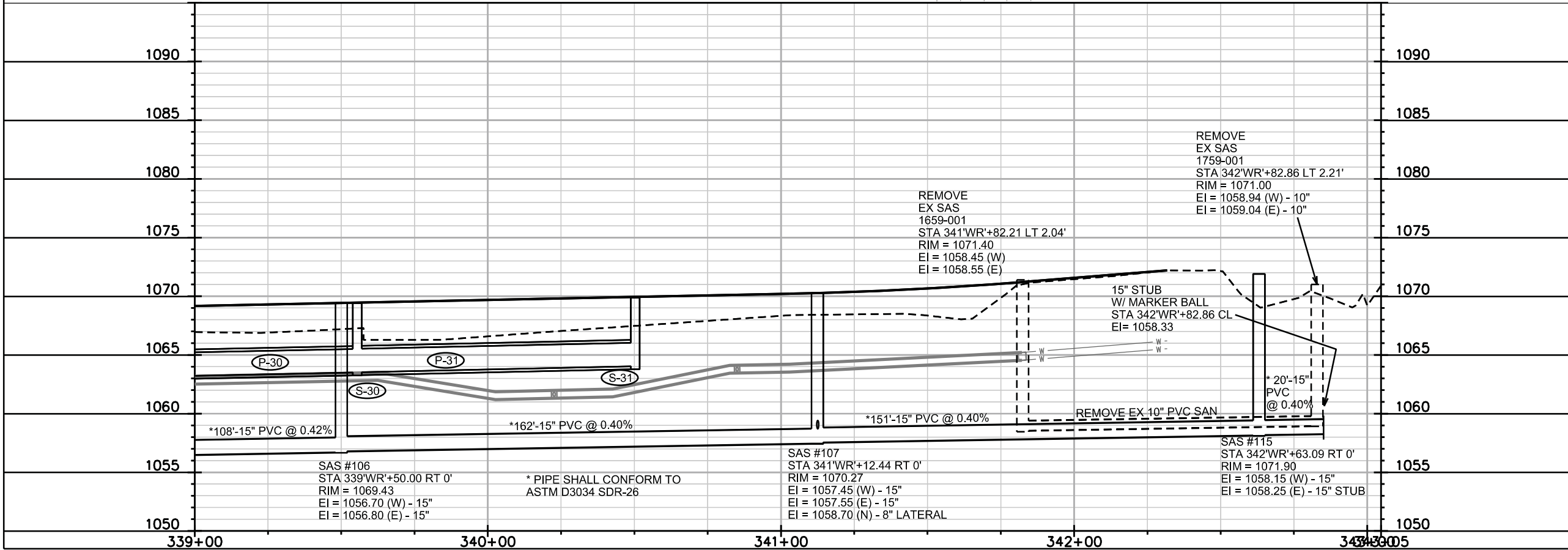
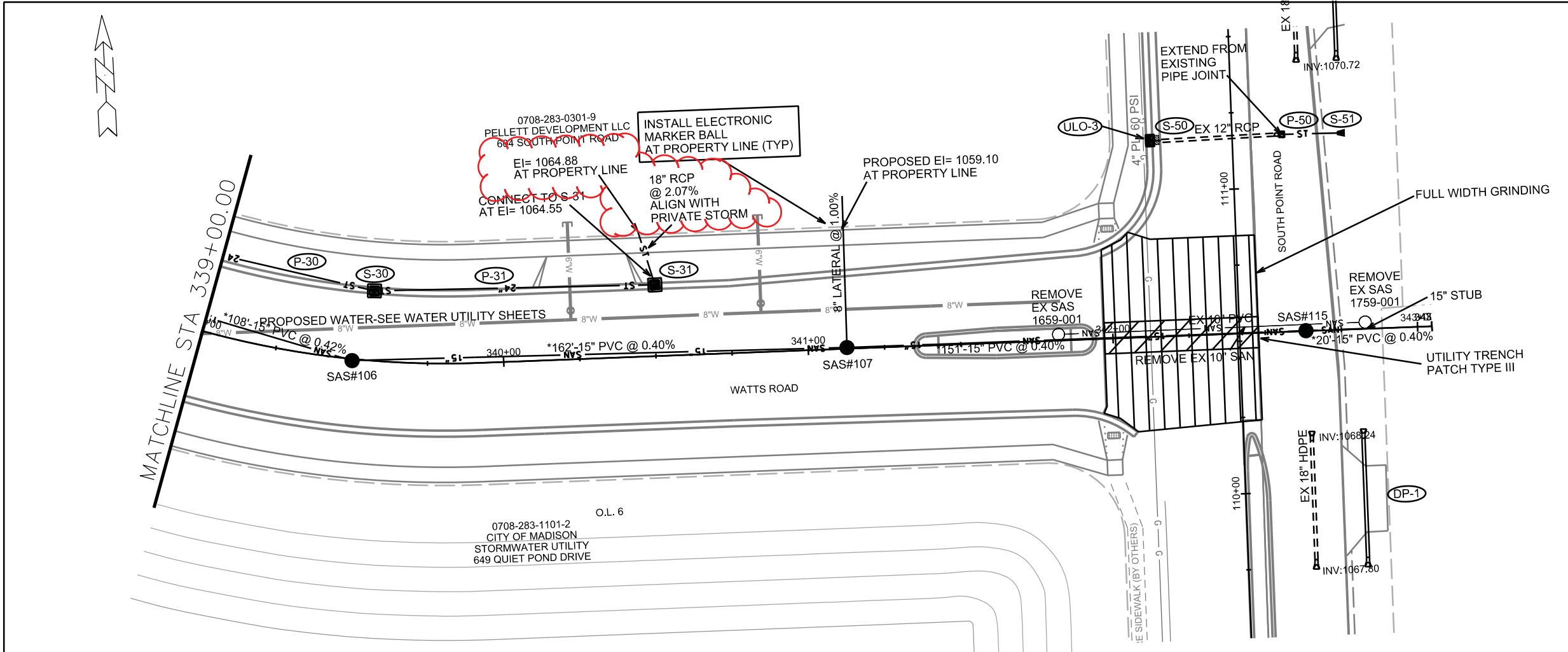
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REVISED 4/7/17 EEA
REVISED 6/21/17 EEA
REVISED 7/10/17 EEA

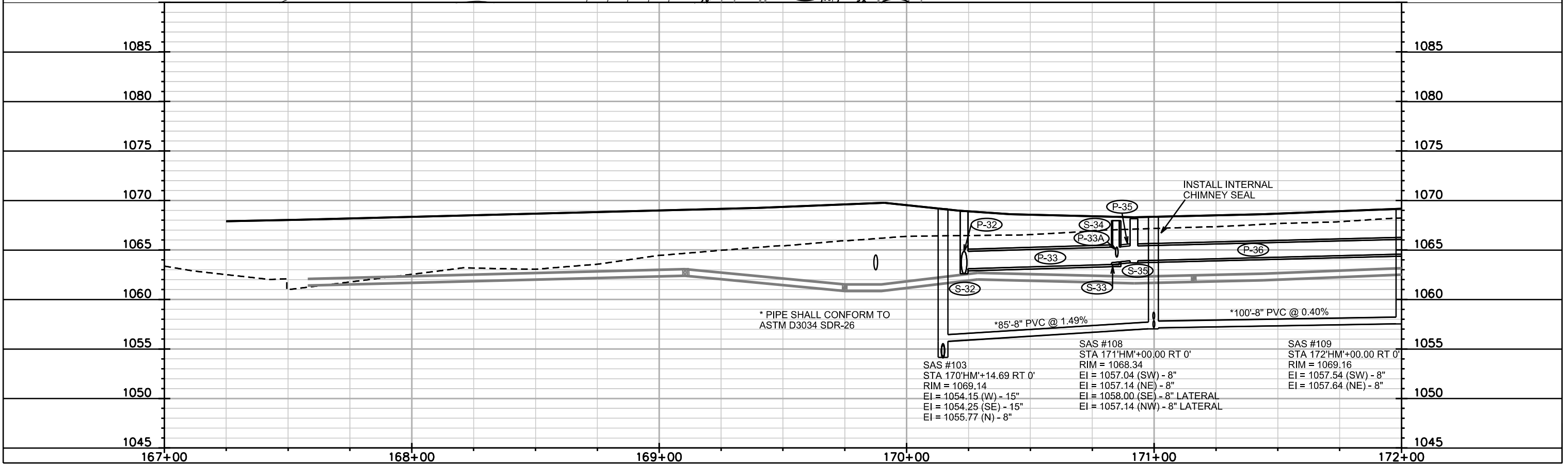
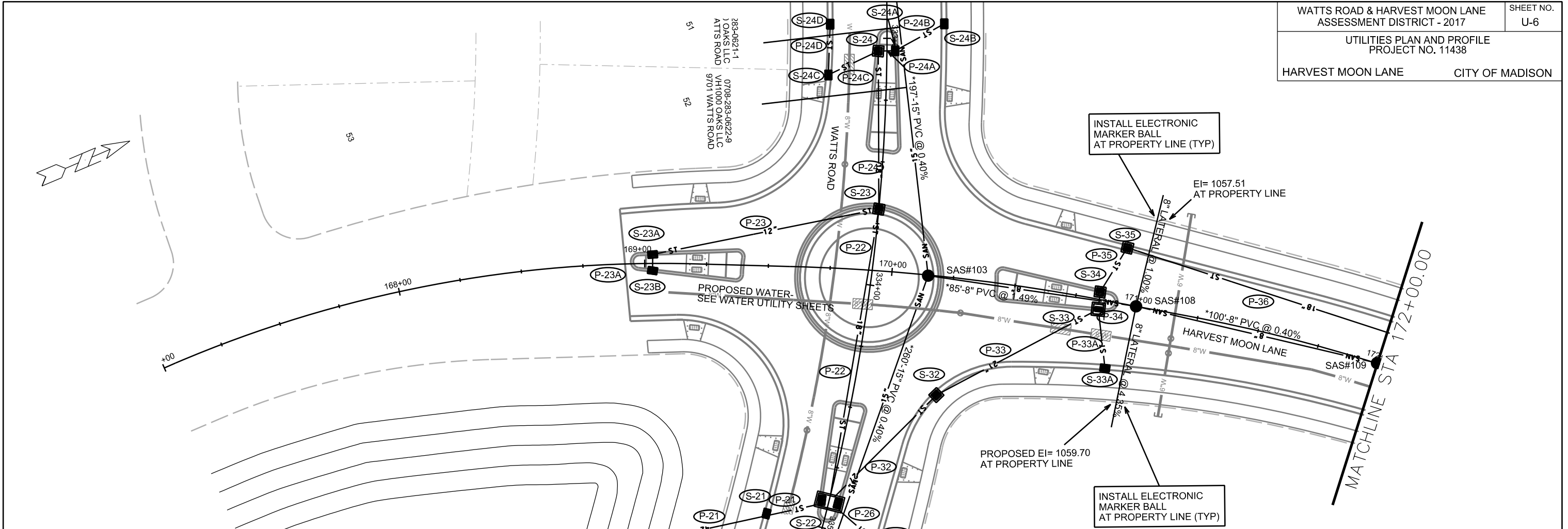


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



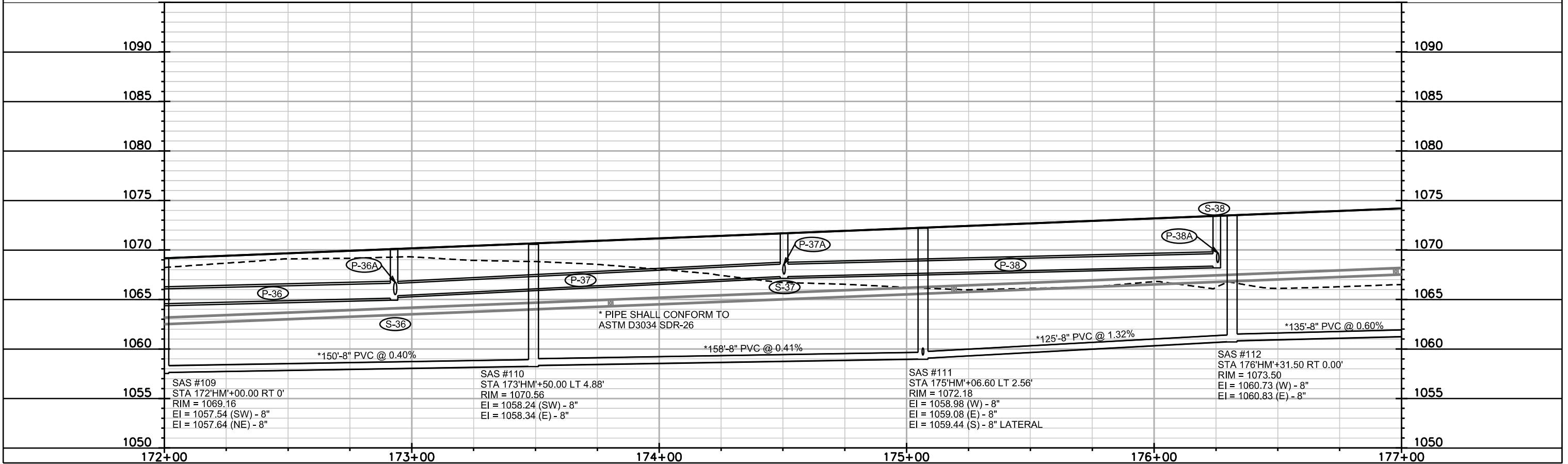
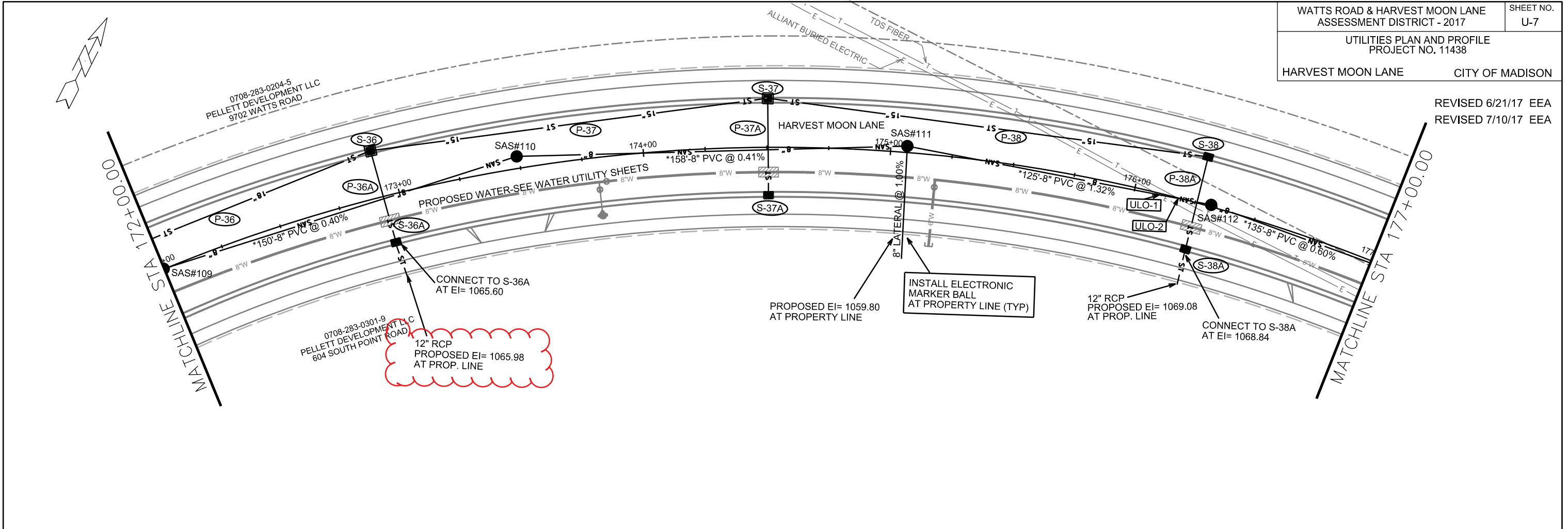
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REVISED 6/21/17 EEA
REVISED 7/10/17 EEA



PLOT SCALE: _____

PLOT NAME: _____

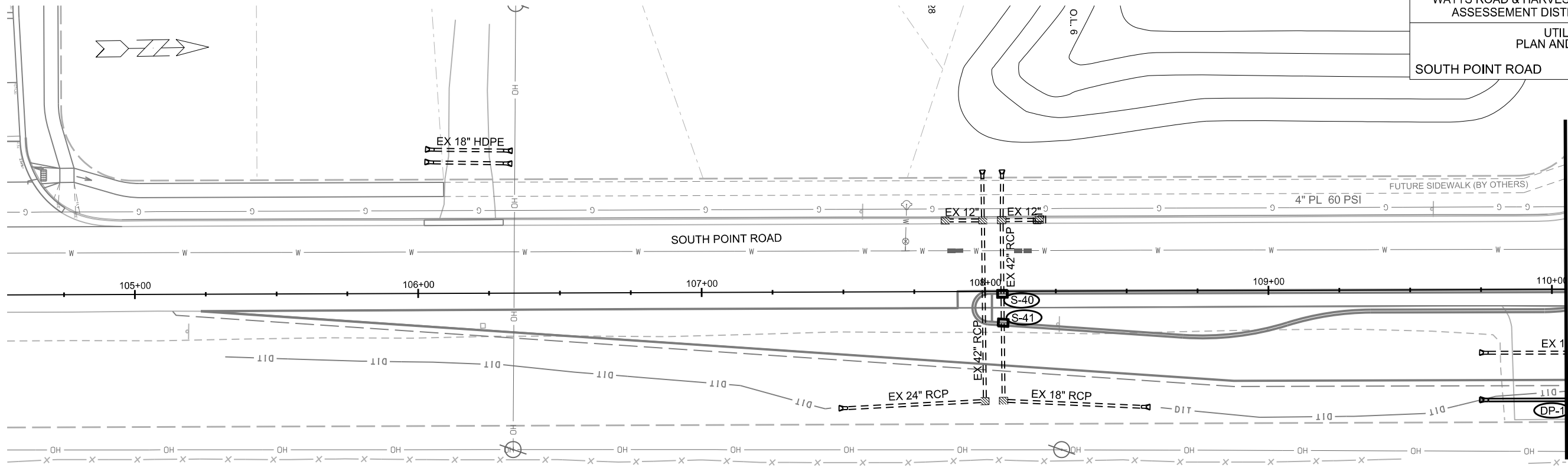
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

UTILITIES
PLAN AND PROFILE

SOUTH POINT ROAD

CITY OF MADISON



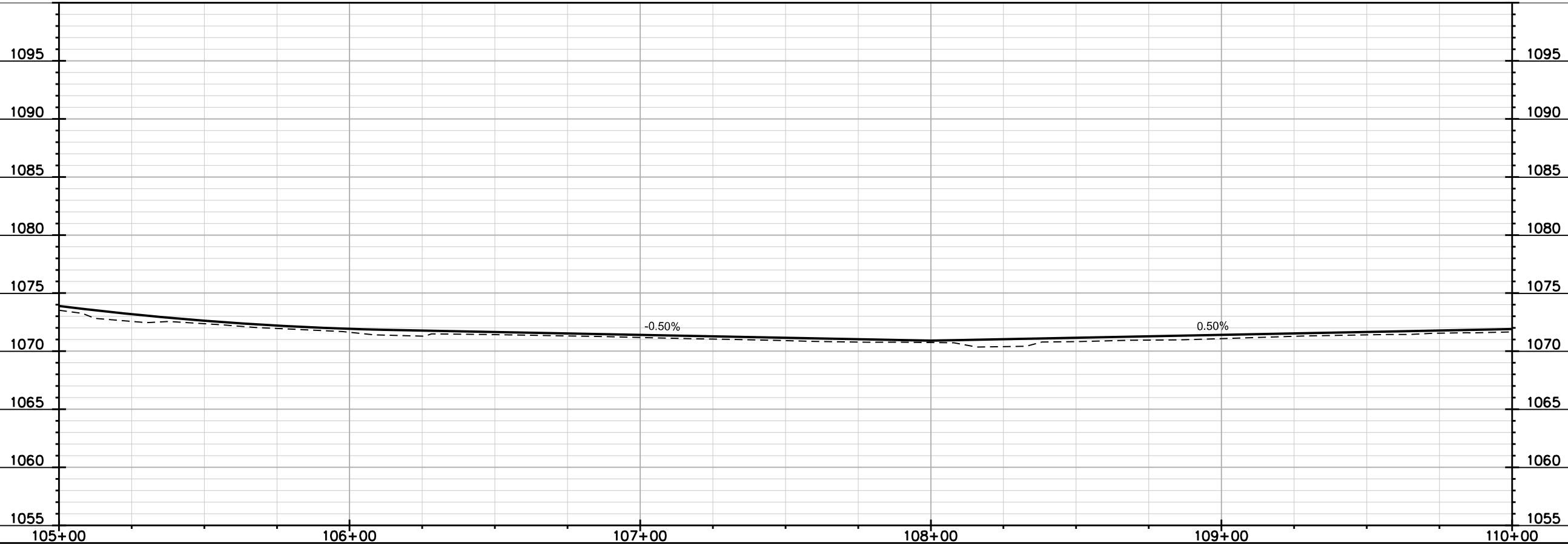
MATCHLINE STA 110+00.00

PLOT SCALE:

PLOT NAME:

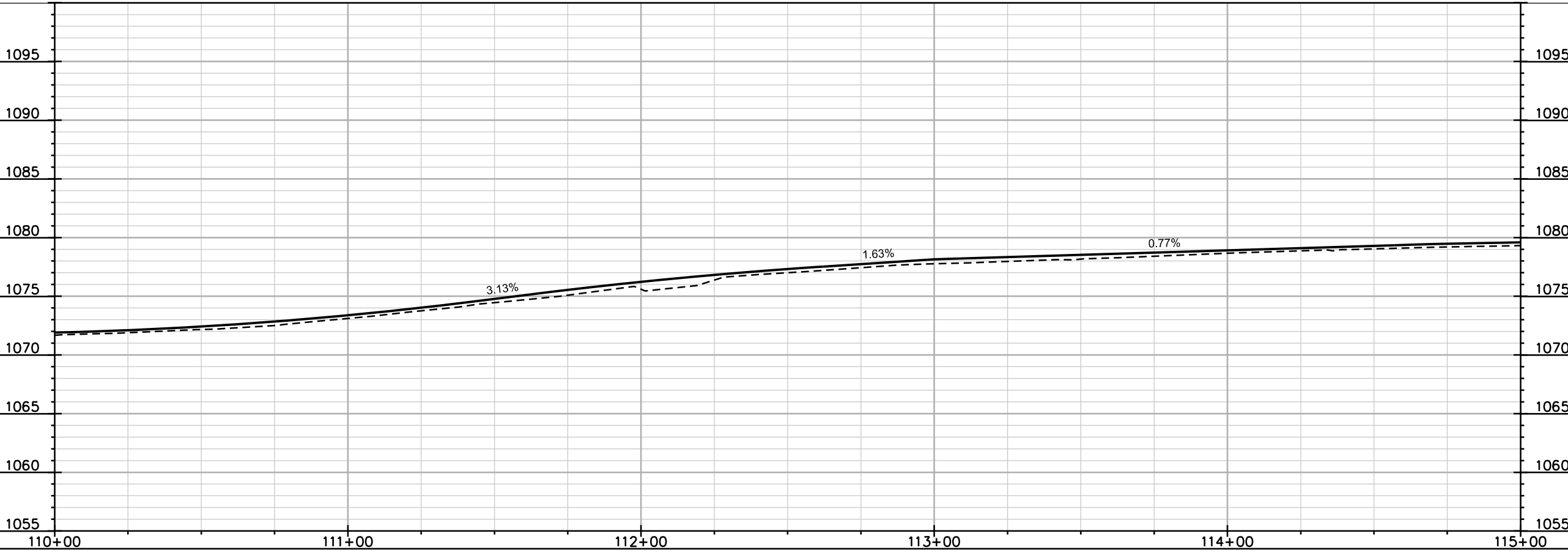
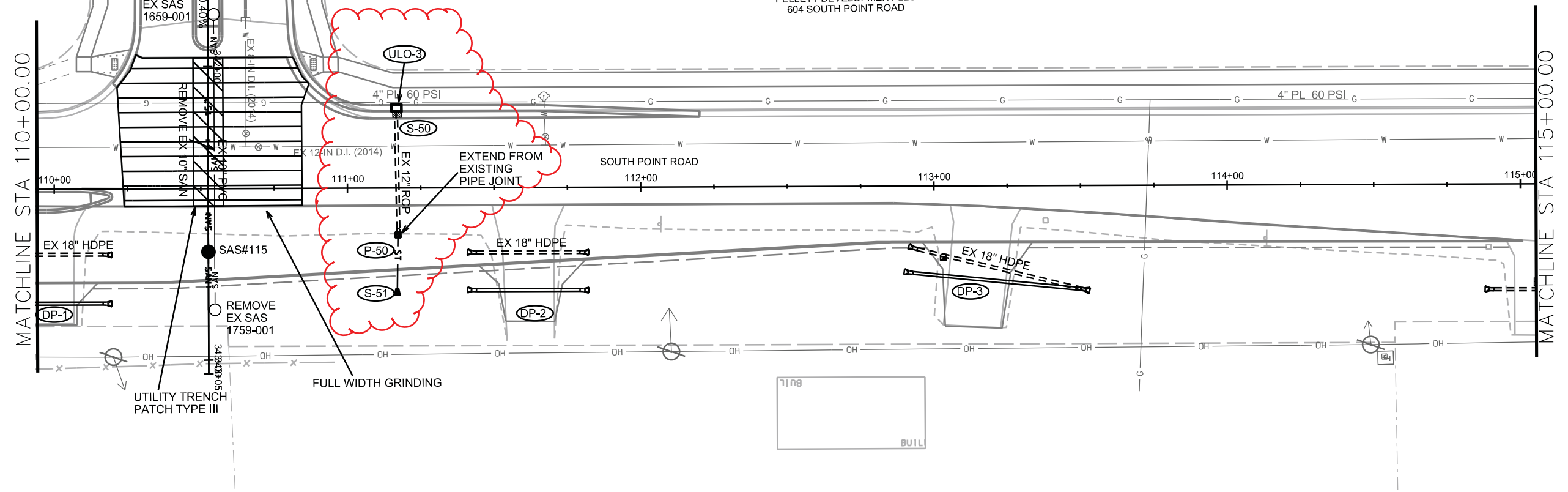
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



REVISED 4/7/17 EEA

0708-283-0301-9
PELLETT DEVELOPMENT LLC
604 SOUTH POINT ROAD



PLOT SCALE: _____

PLOT NAME: _____

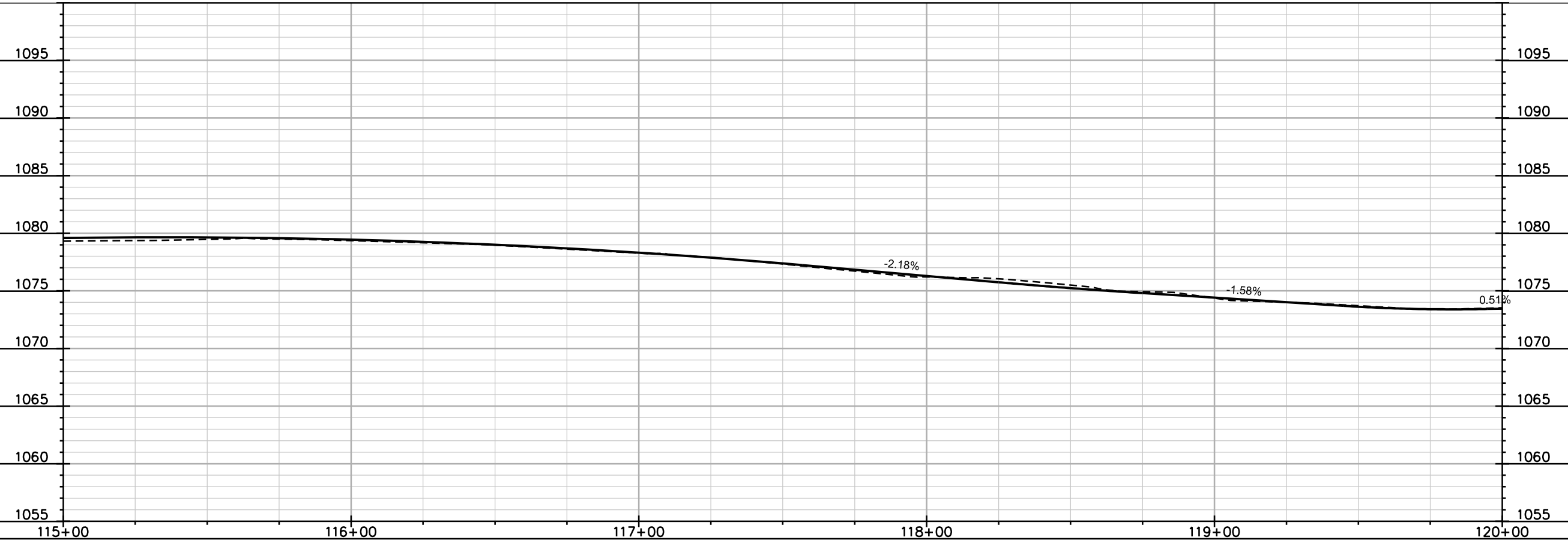
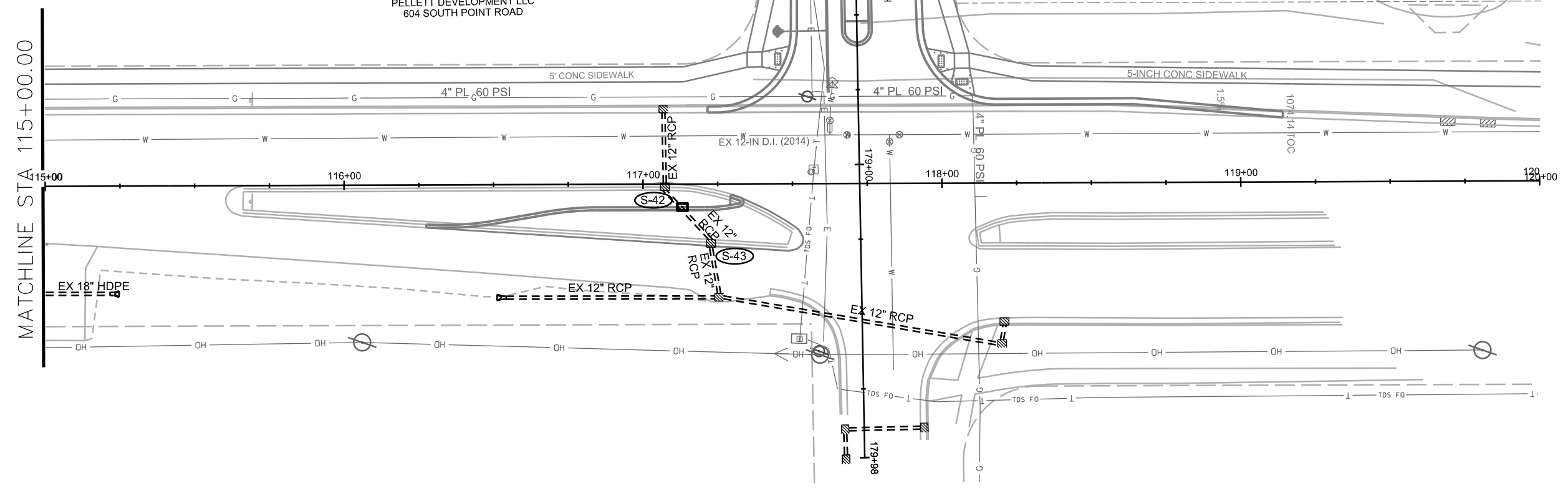
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



0708-283-0301-9
PELLETT DEVELOPMENT LLC
604 SOUTH POINT ROAD

0708-282-0104-9
CITY OF MADISON
STORM WATER UTILITY
502 SOUTH POINT ROAD



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SANITARY SEWER SCHEDULE

ALIGNMENT CODES:

'GW' = GINGERGRASS WAY
'HM' = HARVEST MOON
'WR' = WATTS ROAD

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
SAS#99	159'GW'+94.15	CL	1064.94	1049.61	15.33	INSTALL INTERNAL CHIMNEY SEAL
SAS#100	328'WR'+00.00	CL	1066.73	1051.32	15.41	-
SAS#101	330'WR'+00.00	CL	1068.06	1052.36	15.70	-
SAS#102	332'WR'+00.00	CL	1068.71	1053.26	15.45	INSTALL INTERNAL CHIMNEY SEAL
SAS#103	170'HM'+14.69	CL	1069.14	1054.15	14.99	-
SAS#104	336'WR'+50.00	CL	1069.23	1055.29	13.94	INSTALL INTERNAL CHIMNEY SEAL
SAS#105	338'WR'+41.00	CL	1069.17	1056.15	13.02	INSTALL INTERNAL CHIMNEY SEAL
SAS#106	339'WR'+50.00	CL	1069.43	1056.70	12.73	-
SAS#107	341'WR'+12.44	CL	1070.27	1057.45	12.82	-
SAS#108	171'HM'+00.00	CL	1068.34	1057.04	11.30	INSTALL INTERNAL CHIMNEY SEAL
SAS#109	172'HM'+00.00	CL	1069.16	1057.54	11.62	-
SAS#110	173'HM'+50.00	LT-4.88	1070.56	1058.24	12.32	-
SAS#111	175'HM'+06.60	LT-2.56	1072.18	1058.98	13.20	-
SAS#112	176'HM'+31.50	CL	1073.50	1060.73	12.77	-
SAS#113	177'HM'+66.00	LT-4.24	1074.76	1061.64	13.12	-
SAS#114	320'WR'+10.61	CL	1063.69	1050.69	13.00	INSTALL INTERNAL CHIMNEY SEAL
SAS#115	342'WR'+63.09	CL	1071.90	1058.15	13.75	-

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
EX SAS 1559-003	SAS#99	1045.91	1049.61	166	2.23%	15"	SDR-26	-
SAS#99	SAS#100	1049.71	1051.32	267	0.60%	15"	SDR-26	-
SAS#100	SAS#101	1051.42	1052.36	200	0.47%	15"	SDR-26	-
SAS#101	SAS#102	1052.46	1053.26	199	0.40%	15"	SDR-26	-
SAS#102	SAS#103	1053.36	1054.15	197	0.40%	15"	SDR-26	-
SAS#103	SAS#104	1054.25	1055.29	260	0.40%	15"	SDR-26	-
SAS#104	SAS#105	1055.39	1056.15	191	0.40%	15"	SDR-26	-
SAS#105	SAS#106	1056.25	1056.70	108	0.42%	15"	SDR-26	-
SAS#106	SAS#107	1056.80	1057.45	162	0.40%	15"	SDR-26	-
SAS#107	SAS#115	1057.55	1058.15	151	0.40%	15"	SDR-26	-
SAS#115	342'WR'+82.86 CL	1058.25	1058.33	20	0.40%	15"	SDR-26	INSTALL PIPE PLUG & MARKER BALL
SAS#103	SAS#108	1055.77	1057.04	85	1.49%	8"	SDR-26	-
SAS#108	SAS#109	1057.14	1057.54	100	0.40%	8"	SDR-26	-
SAS#109	SAS#110	1057.64	1058.24	150	0.40%	8"	SDR-26	-
SAS#110	SAS#111	1058.34	1058.98	158	0.41%	8"	SDR-26	-
SAS#111	SAS#112	1059.08	1060.73	125	1.32%	8"	SDR-26	-
SAS#112	SAS#113	1060.83	1061.64	135	0.60%	8"	SDR-26	-
EX SAS 1559-002	SAS#114	1050.20	1050.69	122	0.40%	8"	SDR-26	-
SAS#99	325'WR'+32.41 RT-61.00	1050.86	1051.11	61	0.40%	8"	SDR-26	INSTALL PIPE PLUG & MARKER BALL

REMOVE SANITARY STRUCTURES

ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
1659-001	341'WR'+82.21	LT-2.04	SAS	(2)
1759-001	342'WR'+82.86	LT-2.21	SAS	(2)

REMOVE SANITARY PIPES

REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
1659-001	1759-001	101	10"	PVC	N	-

SANITARY STRUCTURE ADJUSTMENTS

ID NO.	STATION	LOCATION (OFFSET)	EXISTING RIM	PROPOSED RIM	ADJUST DIFF.	EXISTING NOTES	ADJ.
1559-002	321'WR'+32.83	CL	1066.00	1063.84	-2.16	(1) (3)	0
1559-003	323'WR'+66.95	CL	1060.25	1064.25	4.00	(1) (3)	0

SANITARY SEWER ULOs

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
ULO-1	176'HM'+10.00	CL	ELEC	-
ULO-2	176'HM'+20.00	CL	T	-

SPECIFIC NOTES

- REPLACE CASTING WITH STANDARD LOGO CASTING R-1550-0054 & FRAME. SALVAGE AND DELIVER EXISTING CASTING TO ENGINEERING SERVICE BUILDING AT 1600 EMIL ST. INCIDENTAL TO ADJUST.
- SALVAGE CASTING AND DELIVER TO ENGINEERING SERVICE BUILDING AT 1600 EMIL ST. INCIDENTAL TO REMOVE STRUCTURE
- SAS ARE 5' DIAMETER. ORDER CORRECT DIAMETER SAS BARELL SECTIONS

STORM SEWER SCHEDULE

ALIGNMENT CODES:

'GW' = GINGERGRASS WAY
'HM' = HARVEST MOON
'WR' = WATTS ROAD

WATTS ROAD & HARVEST MOON LANE
PROJECT NO. 11438
SHEET NO. U-13
STORM SEWER SCHEDULE #1
CITY OF MADISON

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-0	322'WR'+00.00	RT-81.50	24" RCP APRON END	-	1055.00	-	W/ GATE
S-1	321'WR'+75.00	RT-23.50	3X3 SAS	1063.56	1057.80	5.76	LP; W/ R-3067-7004-VB
S-2	321'WR'+75.00	LT-23.50	3X3 SAS	1063.56	1058.09	5.47	LP; W/ R-3067-7004-VB
S-3	320'WR'+30.00	LT-23.50	3X3 SAS	1063.52	1059.44	4.08	LP; W/ R-3067-7004-VB
S-3A	320'WR'+30.00	RT-23.50	H INLET	1063.52	1060.22	3.30	LP; W/ R-3067-7004-VB
S-4	322'WR'+98.34	LT-23.50	3X3 SAS	1064.28	1059.45	4.83	W/ R-3067-7004-V
S-5	323'WR'+90.00	LT-23.50	3X3 SAS	1064.06	1059.98	4.08	LP; W/ R-3067-7004-VB
S-5A	323'WR'+90.00	RT-23.50	H INLET	1064.06	1060.76	3.30	LP; W/ R-3067-7004-VB
S-10	325'WR'+19.47	RT-51.48	3X3 SAS	1064.42	1059.35	5.07	W/ R-3067-7004-V; (10)
S-10A	324'WR'+95.32	RT-23.50	H INLET	1064.63	1061.26	3.37	W/ R-3067-7004-V
S-11	325'WR'+45.72	RT-50.82	3X3 SAS	1064.45	1059.49	4.96	W/ R-3067-7004-V
S-12	325'WR'+70.60	RT-23.50	3X3 SAS	1065.12	1059.69	5.43	W/ R-3067-7004-V
S-13	325'WR'+69.55	LT-23.50	3X3 SAS	1065.12	1059.95	5.17	W/ R-3067-7004-V
S-14	326'WR'+99.94	LT-23.50	3X3 SAS	1066.00	1060.73	5.27	W/ R-3067-7004-V
S-14A	327'WR'+00.00	RT-23.50	H INLET	1066.00	1062.60	3.40	W/ R-3067-7004-V
S-15	328'WR'+99.91	LT-23.50	3X3 SAS	1067.33	1062.53	4.80	W/ R-3067-7004-V
S-15A	329'WR'+17.70	RT-23.50	H INLET	1067.45	1064.05	3.40	W/ R-3067-7004-V
S-16	330'WR'+98.00	LT-23.50	3X3 SAS	1068.63	1065.25	3.38	W/ R-3067-7004-V
STB-1	323'WR'+86.29	RT-88.00	4'X8' BOX END	-	1056.00	-	W/ GATE; (8)
STB-2	323'WR'+86.38	RT-54.24	BOX BEND	-	1056.10	-	(9)
STB-3	324'WR'+61.06	LT-74.37	4'X8' BOX END	-	1056.90	-	W/ GATE; (8)

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-0	S-0	S-1	1055.00	1057.80	63	62	4.52%	24"	RCP	-
P-1	S-1	S-2	1057.80	1058.09	47	44	0.66%	24"	RCP	-
P-2	S-2	S-3	1058.59	1059.44	141	138	0.62%	18"	RCP	-
P-3	S-3	S-3A	1059.94	1060.22	46	44	0.64%	12"	RCP	-
P-4	S-2	S-4	1058.59	1059.45	122	119	0.72%	18"	RCP	-
P-5	S-4	S-5	1059.45	1059.98	87	84	0.63%	18"	RCP	-
P-5A	S-5	S-5A	1060.48	1060.76	46	44	0.64%	12"	RCP	-
P-10	S-10	S-10A	1060.35	1061.26	37	34	2.68%	12"	RCP	-
P-11	S-10	S-11	1059.35	1059.49	26	23	0.61%	24"	RCP	-
P-12	S-11	S-12	1059.49	1059.69	37	33	0.61%	24"	RCP	-
P-13	S-12	S-13	1059.69	1059.95	47	44	0.59%	24"	RCP	-
P-14	S-13	S-14	1059.95	1060.73	133	130	0.60%	24"	RCP	-
P-14A	S-14	S-14A	1061.73	1062.60	46	44	1.98%	12"	RCP	-
P-15	S-14	S-15	1060.98	1062.53	205	202	0.77%	21"	RCP	-
P-15A	S-15	S-15A	1063.28	1064.05	49	47	1.64%	12"	RCP	-
P-16	S-15	S-16	1062.78	1065.25	203	200	1.24%	18"	RCP	-
PSTB-1	STB-1	STB-2	1056.00	1056.10	28	19	0.50%	48"X96"	BOX RCP	-
PSTB-2	STB-2	STB-3	1056.10	1056.90	145	137	0.50%	48"X96"	BOX RCP	-

NOTE: PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

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; UD = UNDERDRAIN

- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT ELIA E. ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.

SPECIFIC NOTES

- (8) CONSTRUCT WINGWALL OUTLET PER SDD 5.5.1; GATE PER SDD 5.6.3
- (9) INCLUDED IN LINEAR FEET OF PAYMENT
- (10) BOX OUT TO SOUTH FOR FUTURE 24" PUBLIC MAIN

STORM SEWER SCHEDULE

ALIGNMENT CODES:

'GW' = GINGERGRASS WAY
'HM' = HARVEST MOON
'WR' = WATTS ROAD

* REVISED 4/7/17 EEA

WATTS ROAD & HARVEST MOON LANE	SHEET NO.
PROJECT NO. 11438	U-14
STORM SEWER SCHEDULE #2	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-20	335'WR'+52.31	RT-110.10	42" RCP APRON END	-	1058.00	-	W/ GATE
S-21	335'WR'+00.00	RT-23.50	SADDLED INLET TYPE I	1068.44	1059.13	9.31	LP; W/ R-3067-7004-VB
S-22	334'WR'+89.50	CL	5'X10' SAS	1068.59	1059.31	9.28	W/ TWO R-3067-7004-V
S-23	333'WR'+67.09	CL	3X3 SAS	1068.86	1063.84	5.02	LP; W/ R-3290A; (2)
S-23A	169'HM'+03.75	LT-3.48	H INLET	1069.33	1065.92	3.41	W/ R-3067-7004-V; (1)
S-23B	169'HM'+03.75	RT-2.44	H INLET	1069.34	1065.94	3.40	W/ R-3067-7004-V; (1)
S-24	333'WR'+05.00	RT-3.36	3X3 SAS	1068.60	1064.23	4.37	W/ R-3067-7004-V; (1)
S-24A	333'WR'+05.00	LT-3.28	H INLET	1068.60	1064.75	3.85	W/ R-3067-7004-V; (1)
S-24B	332'WR'+95.00	LT-23.50	H INLET	1068.16	1064.87	3.29	LP; W/ R-3067-7004-VB
S-24C	333'WR'+15.35	RT-23.50	H INLET	1068.25	1064.85	3.40	W/ R-3067-7004-V
S-24D	332'WR'+95.00	RT-23.50	H INLET	1068.16	1064.96	3.20	LP; W/ R-3067-7004-VB
S-26	335'WR'+00.00	LT-23.59	4X4 SAS	1068.44	1060.68	7.76	LP; W/ R-3067-7004-VB
S-27	336'WR'+42.83	LT-23.50	3X3 SAS	1069.13	1061.52	7.61	W/ R-3067-7004-V; (4)
S-28	338'WR'+13.47	LT-23.50	3X3 SAS	1069.25	1062.51	6.74	W/ R-3067-7004-V
S-29	338'WR'+70.00	LT-23.50	3X3 SAS	1068.96	1062.81	6.15	LP; W/ R-3067-7004-VB
S-29A	338'WR'+70.00	RT-23.50	H INLET	1068.96	1065.31	3.65	LP; W/ R-3067-7004-VB
S-29B	338'WR'+84.88	RT-23.50	H INLET	1069.04	1065.64	3.40	W/ R-3067-7004-V
S-30	339'WR'+55.45	LT-23.50	3X3 SAS	1069.40	1063.51	5.89	W/ R-3067-7004-V
S-31	340'WR'+50.27	LT-23.50	3X3 SAS	1069.88	1064.05	5.83	W/ R-3067-7004-V; (3)
S-32	334'WR'+39.18	LT-33.25	3X3 SAS	1068.91	1062.60	6.31	W/ R-3067-7004-V
S-33	170'HM'+84.40	RT-3.58	4X4 SAS	1068.70	1063.53	5.17	FP; W/ R-3067-7004-V; (1)
S-33A	170'HM'+92.00	RT-27.05	H INLET	1068.16	1064.56	3.60	LP; W/ R-3067-7004-VB
S-34	170'HM'+84.40	LT-2.90	3X3 SAS	1068.70	1063.80	4.90	W/ R-3067-7004-V; (1)
S-35	170+92.00	LT-23.05	3X3 SAS	1068.16	1063.91	4.25	LP; W/ R-3067-7004-VB
S-36	172'HM'+92.86	LT-19.50	3X3 SAS	1070.12	1065.13	4.99	W/ R-3067-7004-V
S-36A	172'HM'+93.80	RT-19.50	H INLET	1070.12	1065.60	4.52	W/ R-3067-7004-V; (4)
S-37	174'HM'+50.45	LT-19.50	3X3 SAS	1071.70	1067.31	4.39	W/ R-3067-7004-V
S-37A	174'HM'+50.54	LT-19.50	H INLET	1071.70	1068.30	3.40	W/ R-3067-7004-V
S-38	176'HM'+25.33	LT-19.50	H INLET	1073.46	1068.37	5.09	W/ R-3067-7004-V
S-38A	176'HM'+26.14	RT-19.33	H INLET	1073.46	1068.84	4.62	W/ R-3067-7004-V; (4)
S-40	108'SP'+06.22	CL	SADDLED INLET TYPE I	1071.14	-	-	W/ R-3067-7004-V; (1)
S-41	108'SP'+06.36	RT-11.05	SADDLED INLET TYPE I	1070.89	-	-	W/ R-3067-7004-V; (1)
S-42	117'SP'+13.15	RT-7.66	H INLET	1078.80	-	-	W/ R-3067-7004-V; (1); (7)
S-43	117'SP'+22.94	RT-19.50	ADJUST INLET	1077.96	-	-	W/ R-1878-B7L; (6)

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-21	S-20	S-22	1058.00	1059.31	126	115	1.14%	42"	RCP	-
P-22	S-22	S-23	1061.31	1063.84	120	116	2.18%	18"	RCP	-
P-23	S-23	S-23A	1064.34	1065.92	93	90	1.76%	12"	RCP	-
P-23A	S-23A	S-23B	1065.92	1065.94	6	4	0.50%	12"	RCP	-
P-24	S-23	S-24	1063.84	1064.23	64	60	0.65%	18"	RCP	-
P-24A	S-24	S-24A	1064.73	1064.75	7	4	0.50%	12"	RCP	-
P-24B	S-24A	S-24B	1064.75	1064.87	23	20	0.60%	12"	RCP	-
P-24C	S-24	S-24C	1064.73	1064.85	22	20	0.60%	12"	RCP	-
P-24D	S-24C	S-24D	1064.85	1064.96	21	18	0.61%	12"	RCP	-
P-26	S-22	S-26	1060.56	1060.68	23	19	0.63%	27"	RCP	-
P-27	S-26	S-27	1060.68	1061.52	143	140	0.60%	27"	RCP	-
P-28	S-27	S-28	1061.52	1062.51	168	165	0.60%	27"	RCP	-
P-29	S-28	S-29	1062.51	1062.81	52	49	0.61%	27"	RCP	-
P-29A	S-29	S-29A	1063.81	1065.31	46	44	3.41%	15"	RCP	-
P-29B	S-29A	S-29B	1065.56	1065.64	16	13	0.62%	12"	RCP	-
P-30	S-29	S-30	1063.06	1063.51	78	74	0.61%	24"	RCP	-
P-31	S-30	S-31	1063.51	1064.05	92	89	0.61%	24"	RCP	-
P-32	S-22	S-32	1060.56	1062.60	60	56	3.64%	27"	RCP	-
P-33	S-32	S-33	1063.10	1063.53	74	70	0.61%	21"	RCP	-
P-33A	S-33	S-33A	1064.28	1064.56	24	22	1.27%	12"	RCP	-
P-34	S-33	S-34	1063.78	1063.80	7	4	0.50%	18"	RCP	-
P-35	S-34	S-35	1063.80	1063.91	21	18	0.61%	18"	RCP	-
P-36	S-35	S-36	1063.91	1065.13	206	203	0.60%	18"	RCP	-
P-36A	S-36	S-36A	1065.38	1065.60	38	36	0.61%	15"	RCP	-
P-37	S-36	S-37	1065.38	1067.31	162	159	1.21%	15"	RCP	-
P-37A	S-37	S-37A	1067.56	1068.30	39	37	2.00%	12"	RCP	-
P-38	S-37	S-38	1067.31	1068.37	180	176	0.60%	15"	RCP	-
P-38A	S-38	S-38A	1068.62	1068.84	38	36	0.61%	12"	RCP	-
DP-1	-	-	1069.00	1069.50	45	45	1.11%	EX 18"	(5)	-
DP-2	-	-	1072.50	1073.80	41	41	3.17%	EX 18"	(5)	-
DP-3	-	-	1074.50	1074.80	63	63	0.48%	EX 18"	(5)	-
* P-50	S-51	EX PIPE	1071.40	1071.50	21	21	0.48%	12"	(9)	-

NOTE: PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

* STORM SEWER ULOs

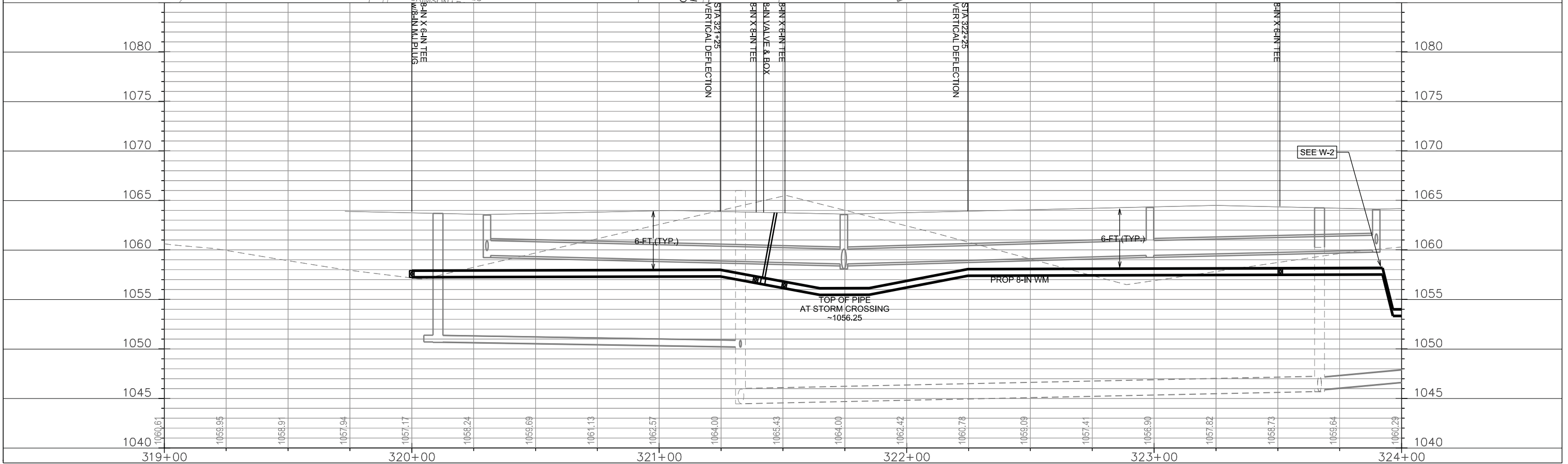
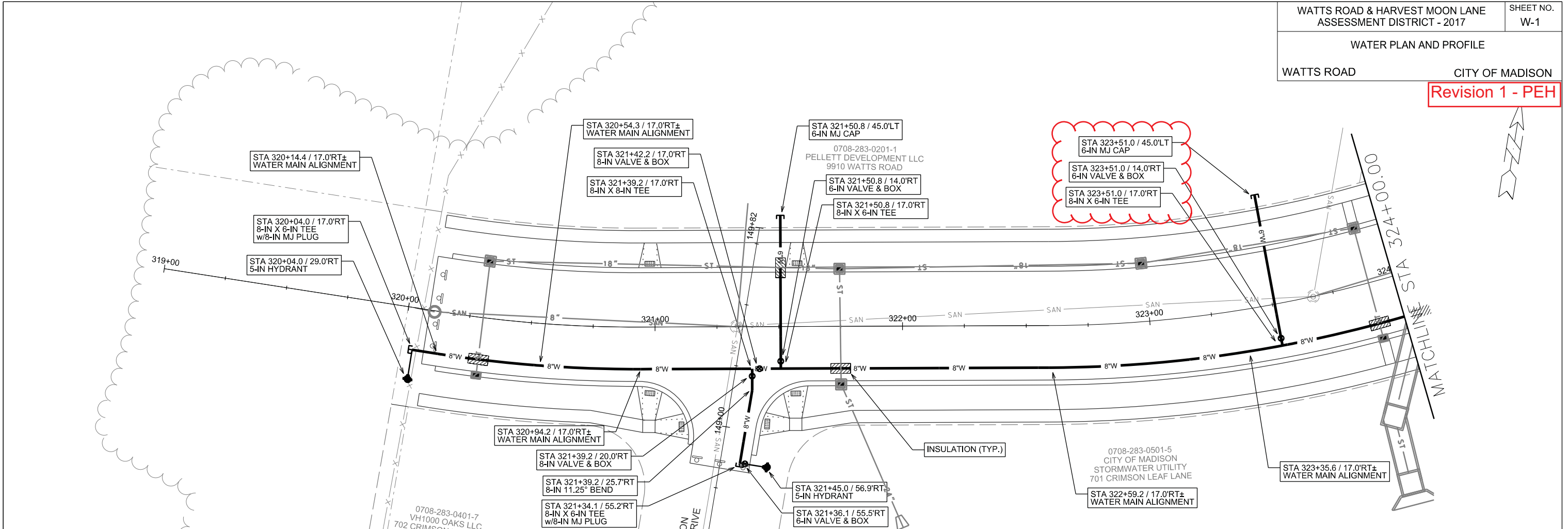
* ULO NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
* ULO-3	111'SP'+16.78	LT-27.21	GAS	-

SPECIFIC NOTES

- (1) PER CITY OF MADISON SDD 5.7.27
 - (2) TOP OF CASTING ELEVATION GIVEN IS THE EDGE OF PAVEMENT
 - (3) BOX OUT FOR FUTURE 18" PRIVATE CONNECTION
 - (4) BOX OUT FOR FUTURE 12" PRIVATE CONNECTION
 - (5) REMOVE & REUSE EXISTING HDPE PIPE (PAID BY SPECIAL ITEM)
 - (6) REMOVE 7004-V CASTING AND REPLACE WITH W/ R-1878-B7L
 - (7) CONNECT TO EXISTING PIPES, FIELD VERIFY EI
- * (8) REUSE EXISTING INLET AND MOVE; STATION OFFSET GIVEN AT PROPOSED
* (9) CONNECT TO EXISTING 12" PIPE AT EXISTING JOINT

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT ELIA E. ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EACOSTA@CITYOFMADISON.COM.

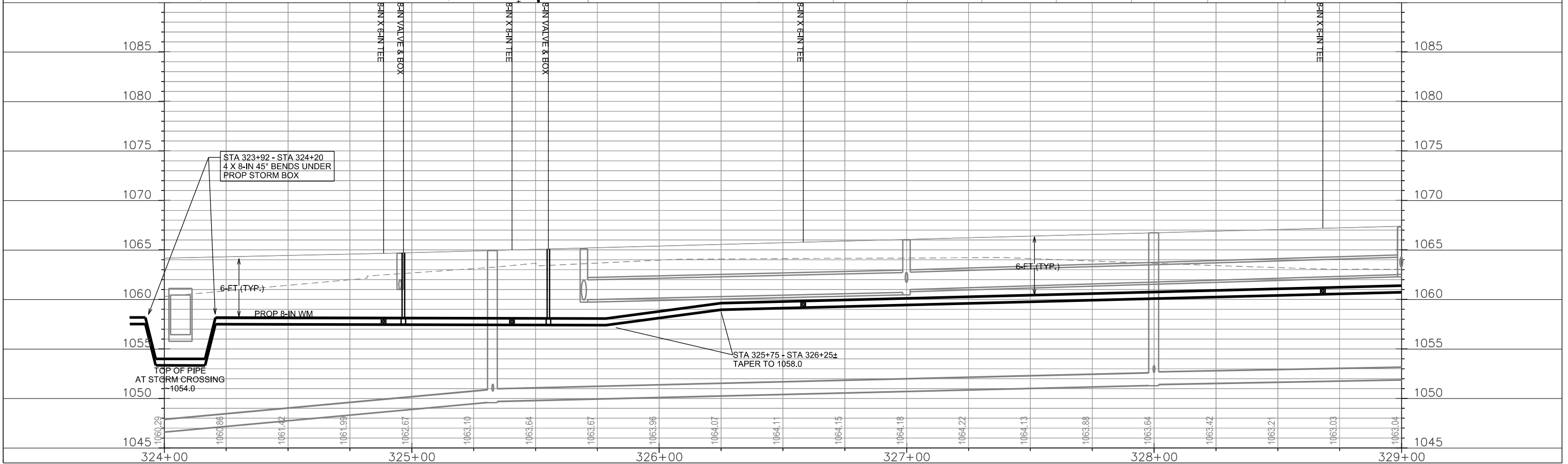
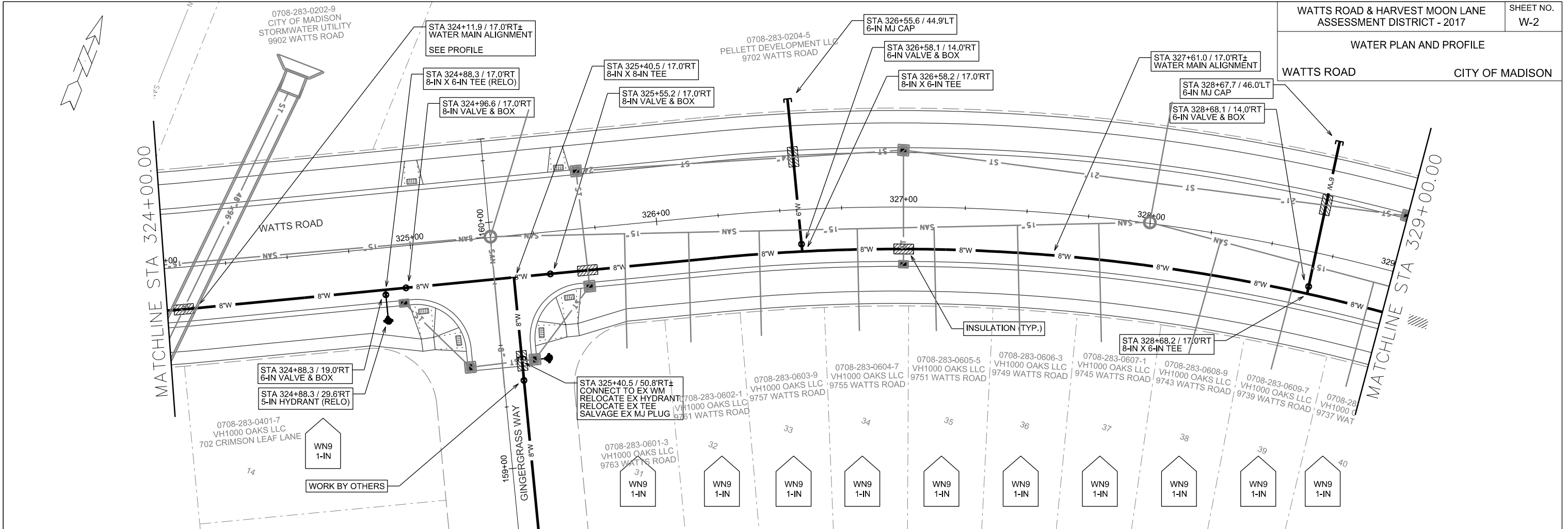


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PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

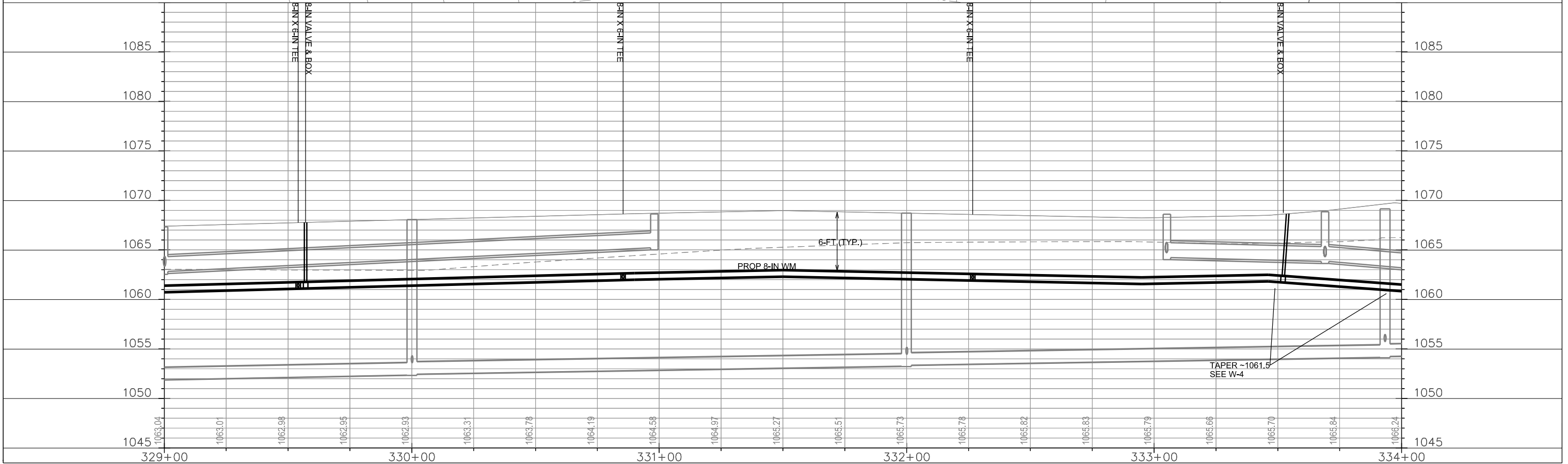
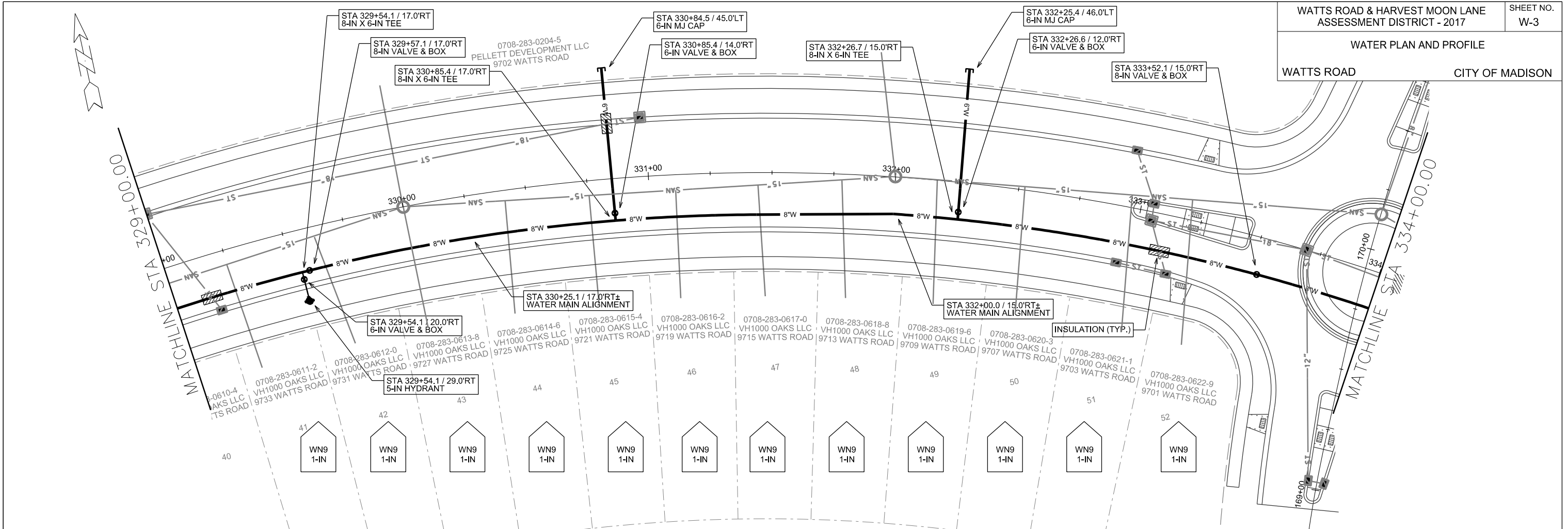


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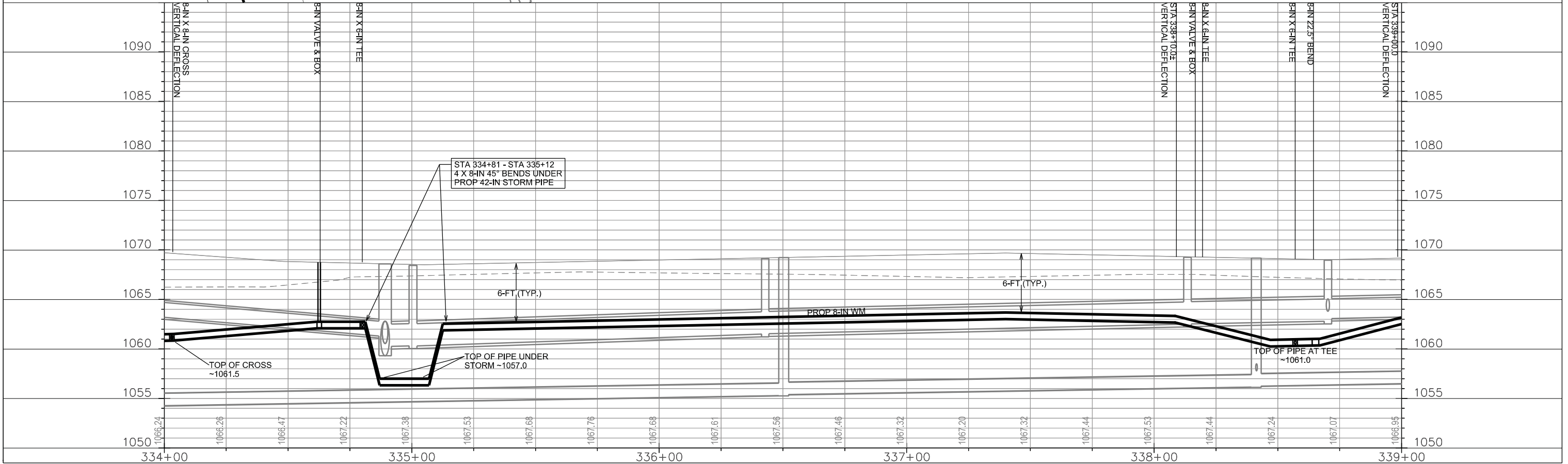
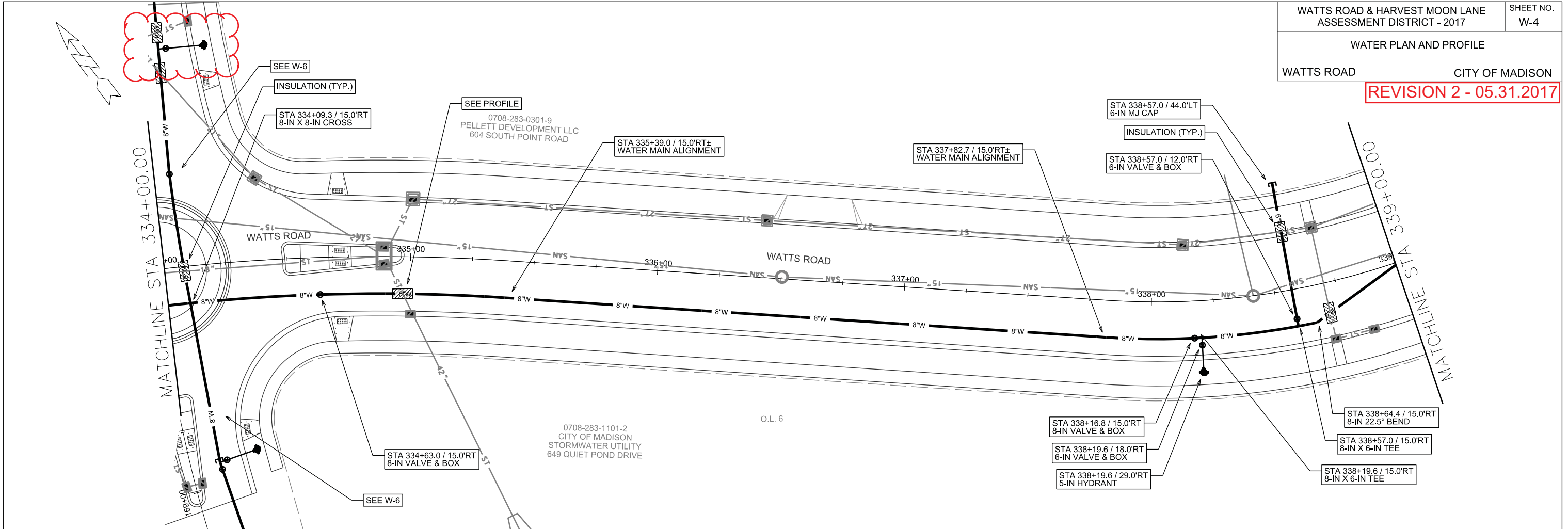
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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

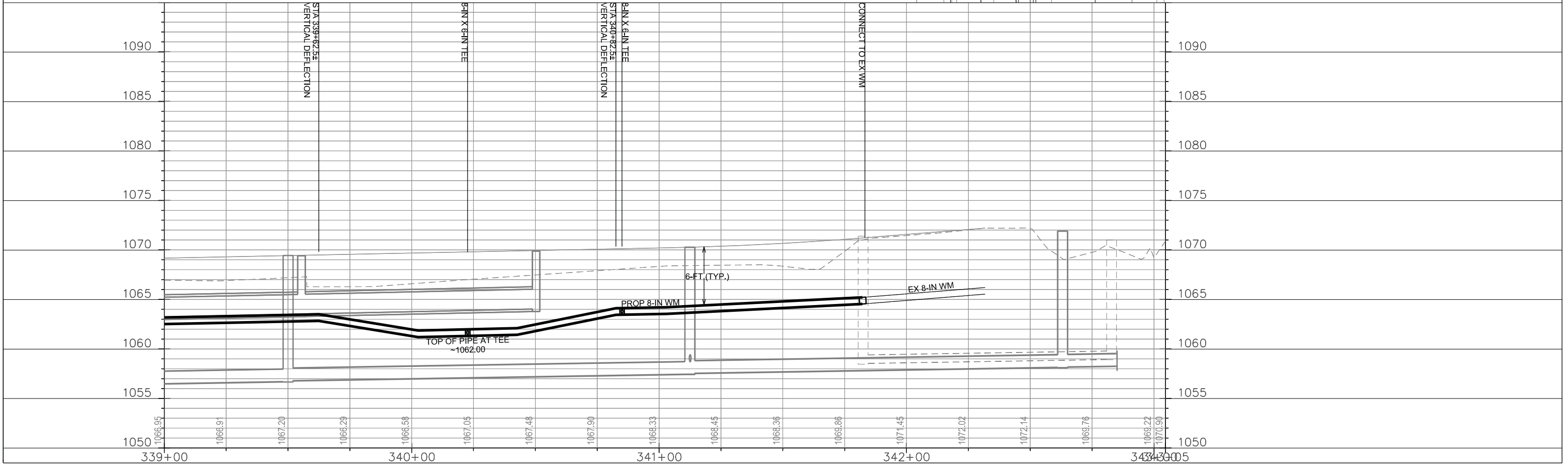
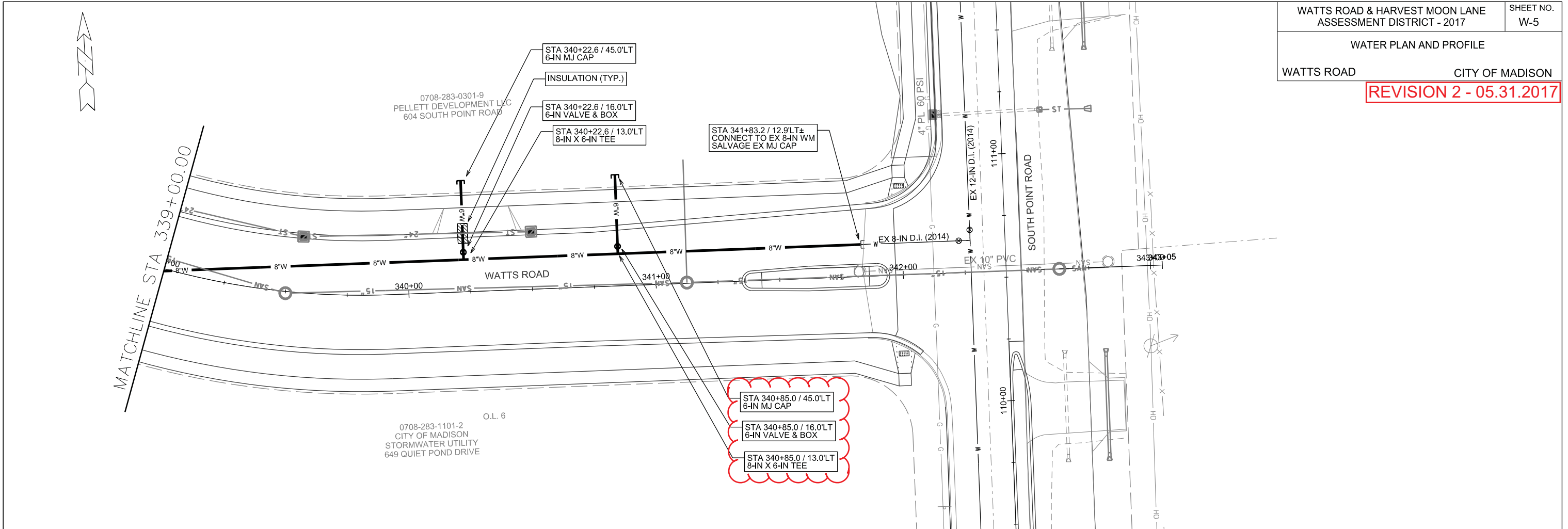


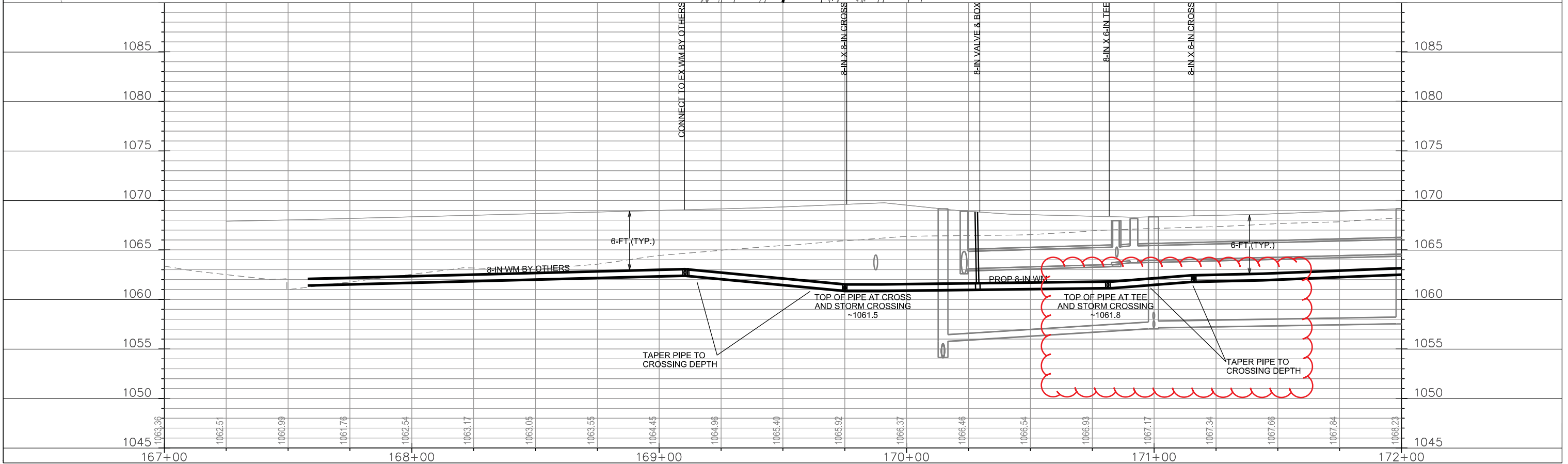
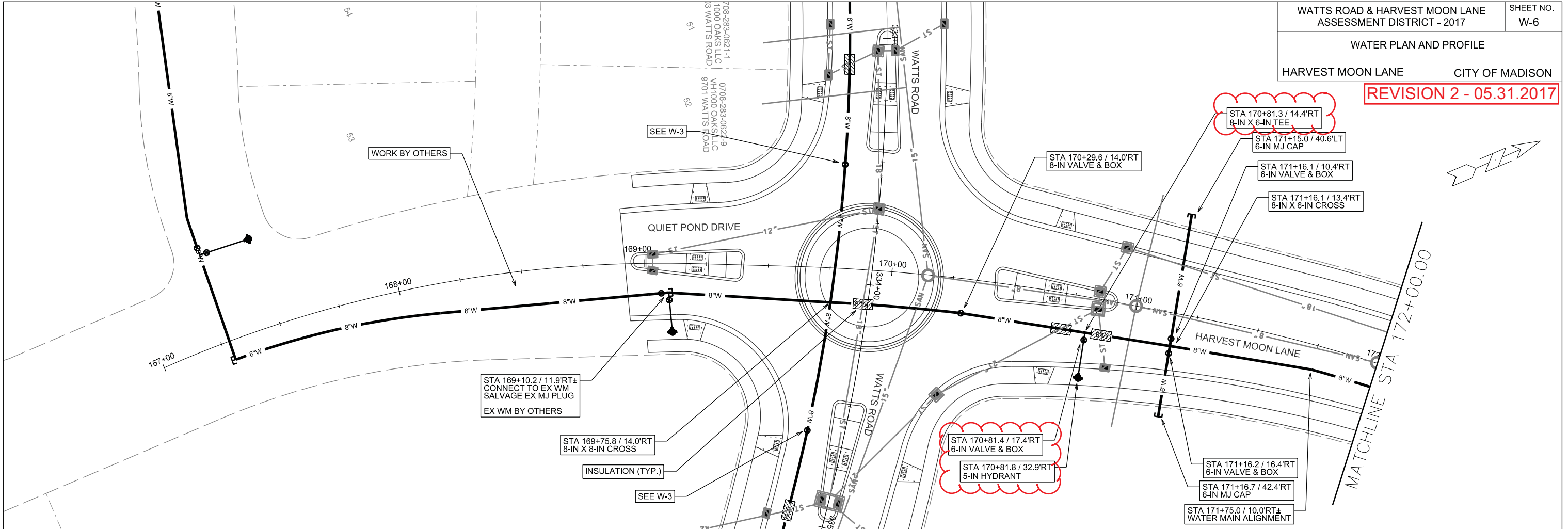
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



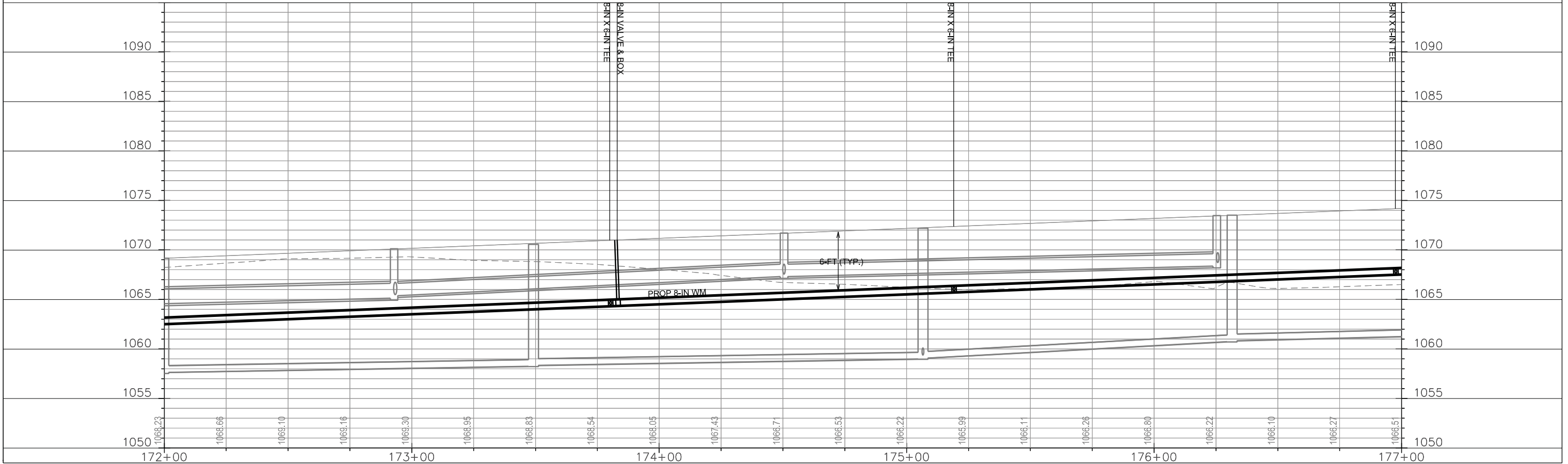
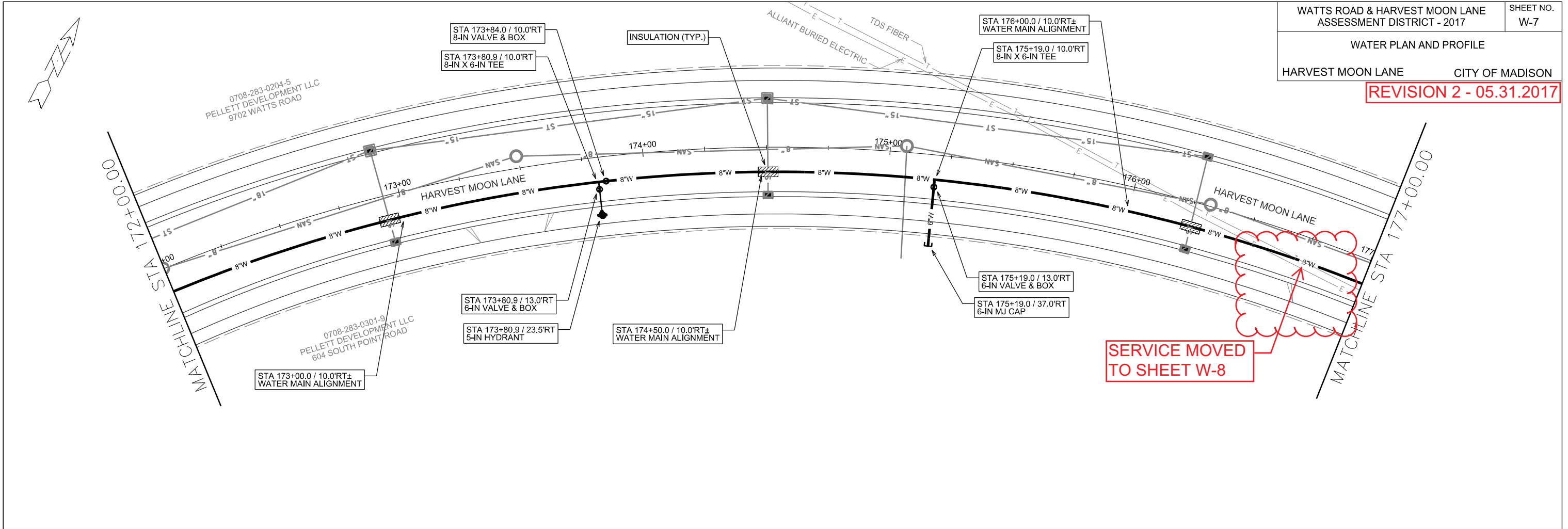


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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

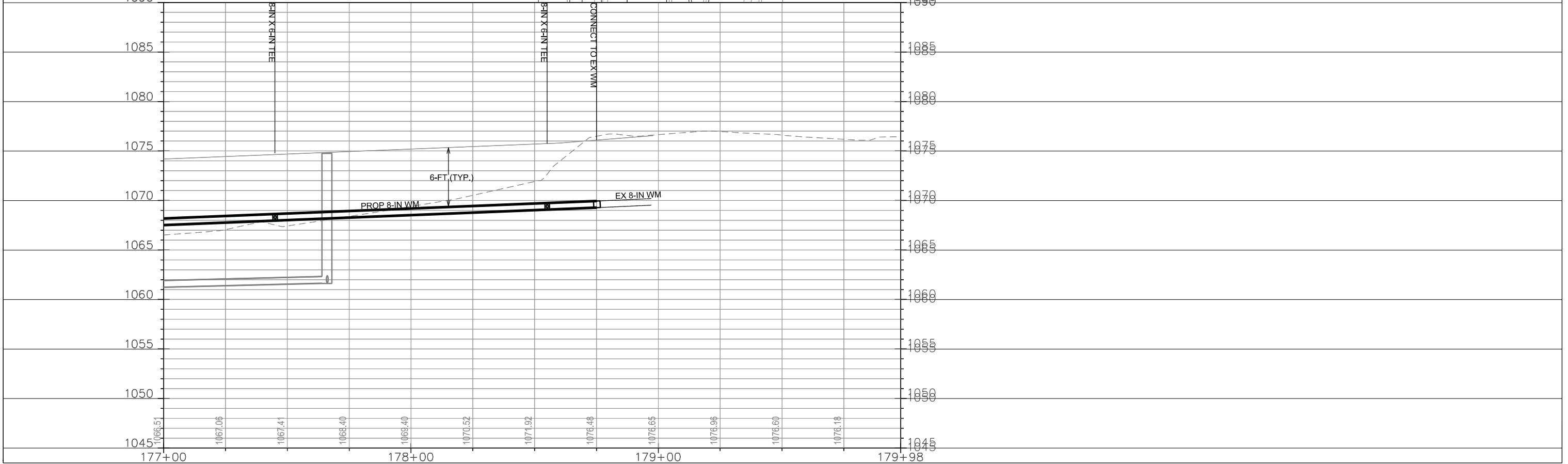
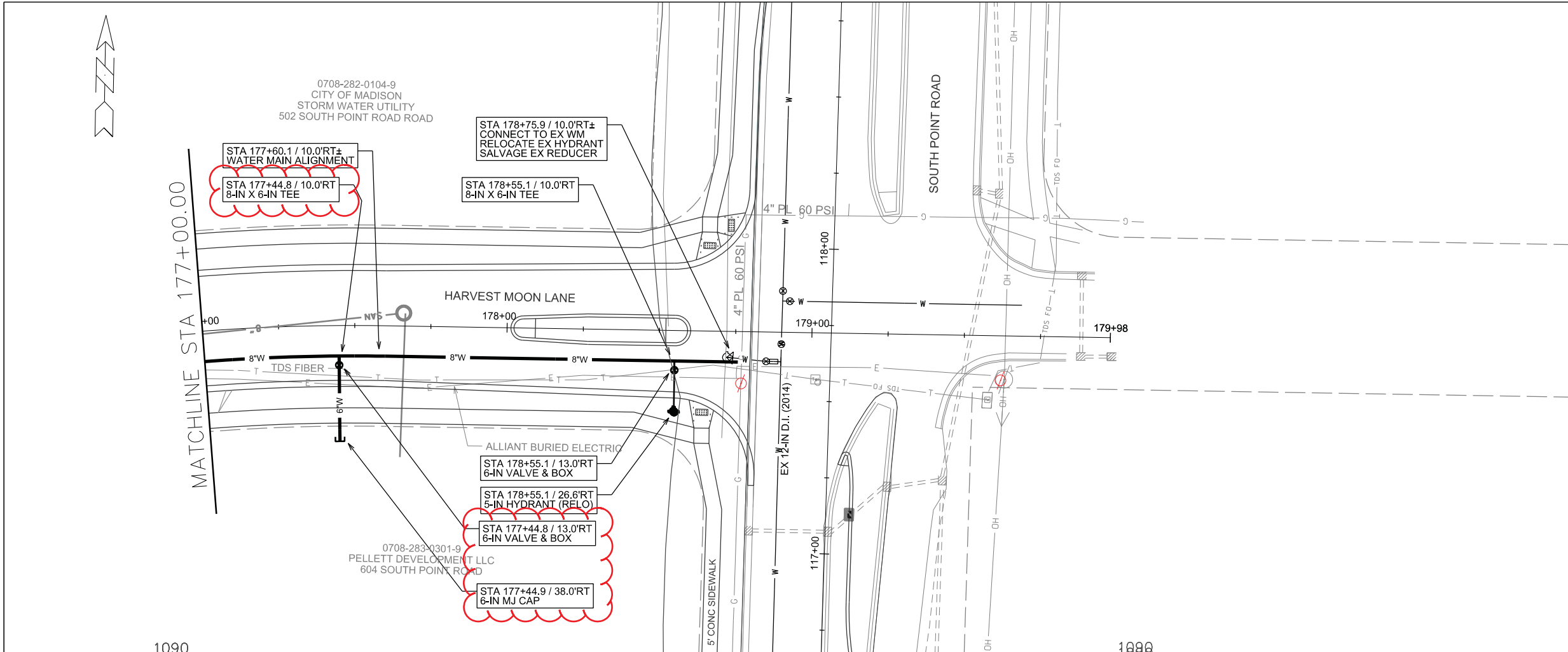


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PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

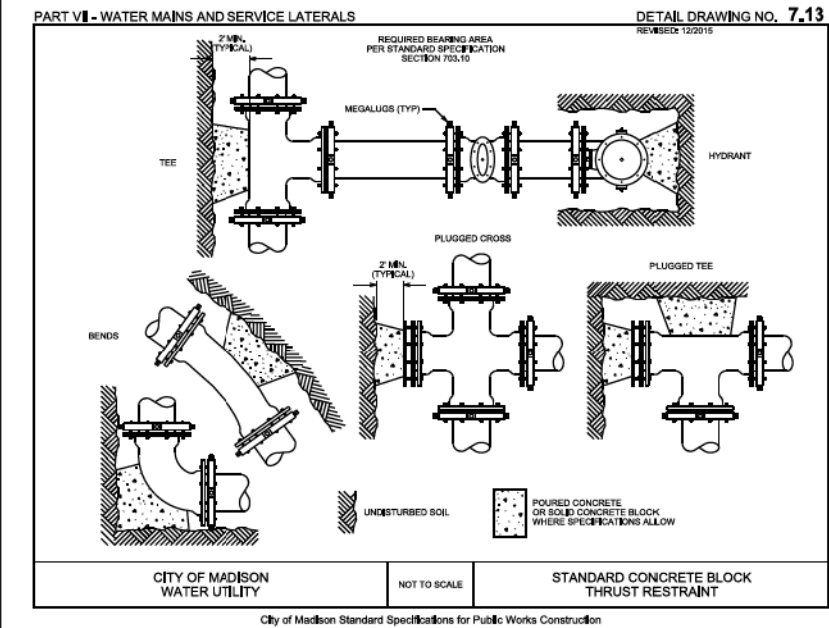
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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 DISRUPTION OF SERVICE TO EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
4. THE EXISTING UTILITIES SHOWN ON THIS PLAN REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN PREPARATION. CONTRACTOR IS RESPONSIBLE FOR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK.

- WN1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
- WN2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
- 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 AND SALVAGE EXISTING HYDRANT
- WN11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE

 INDICATES INSULATION AT STORM SEWER CROSSING



ESTIMATE OF PROJECT WATER MATERIALS:

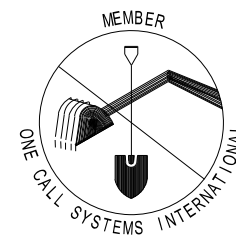
* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF. ALWAYS REFER TO PLANS.

WATER MAINS	TOTAL
6-IN PIPE (LF)	640
8-IN PIPE (LF)	3220
POLY WRAP	7100
6-IN VALVES & BOXES	17
8-IN VALVES & BOXES	10
8-IN X 6-IN TEES	16
8-IN X 8-IN TEES	2
8-IN X 6-IN CROSSES	1
8-IN X 8-IN CROSSES	1
8-IN - 22.5° BENDS	2
8-IN - 45° BENDS	4
6-IN MJ CAPS	11
8-IN MJ PLUGS	2
2-IN STYROFOAM INSULATION (LF)	160
1-IN COPPER SERVICE PIPING	AS REQ
5-IN HYDRANTS	5
REUSED MATERIALS	TOTAL
8-IN X 6-IN REDUCERS	1
8-IN MJ CAPS	2
8-IN MJ PLUGS	2
5-IN HYDRANTS	2

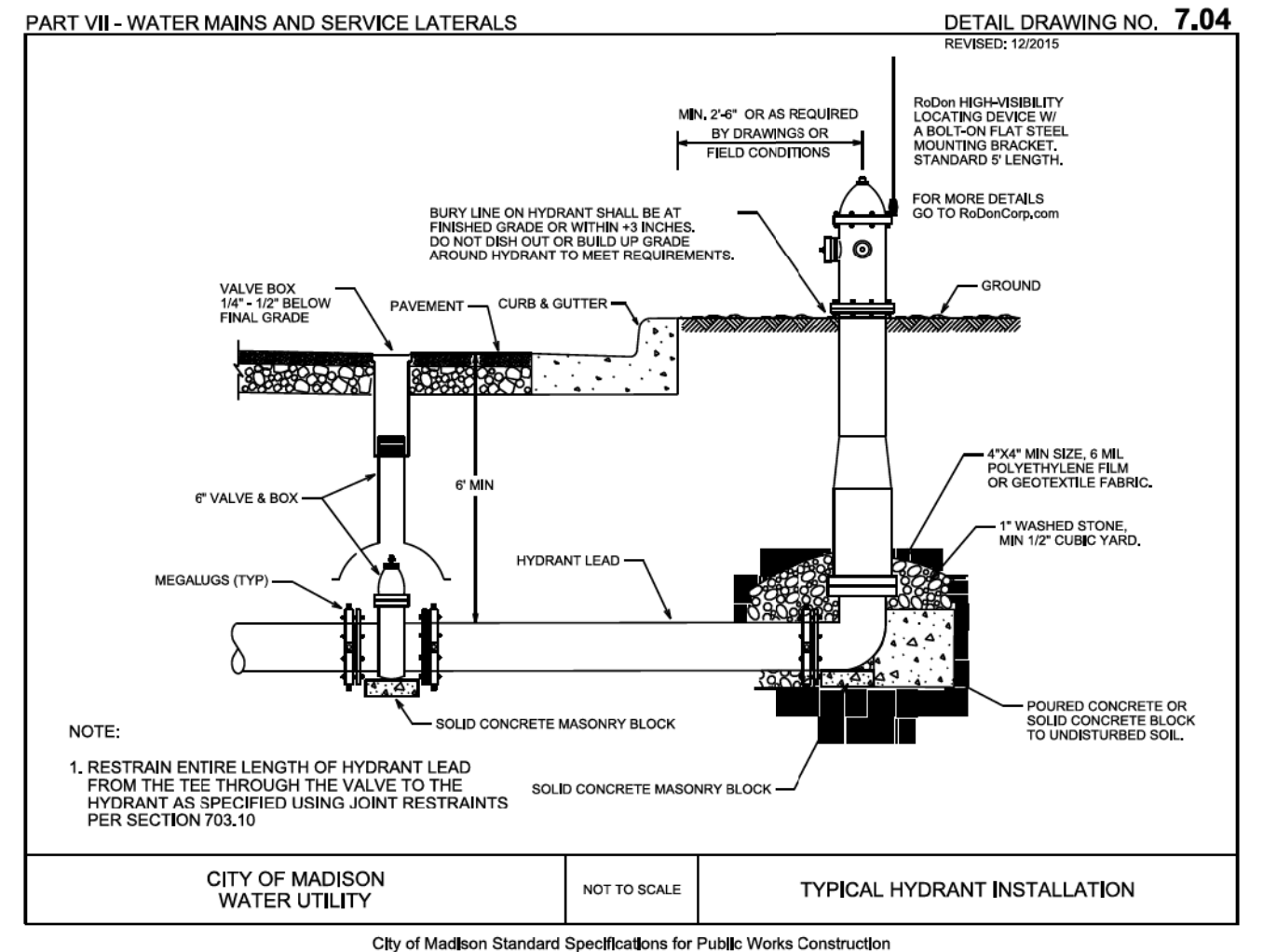
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
TOLL FREE
811 OR 1-800-242-8511
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.



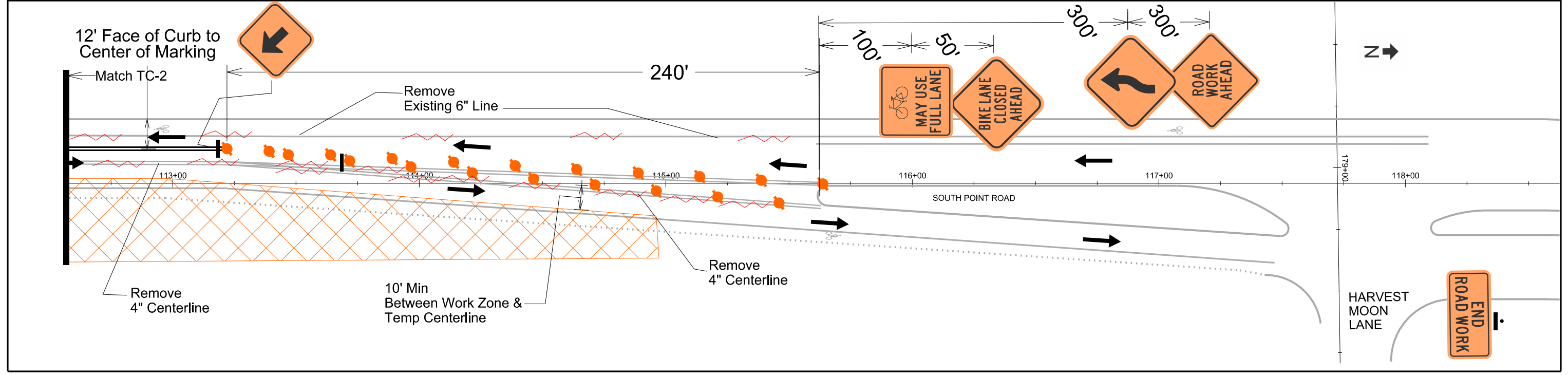
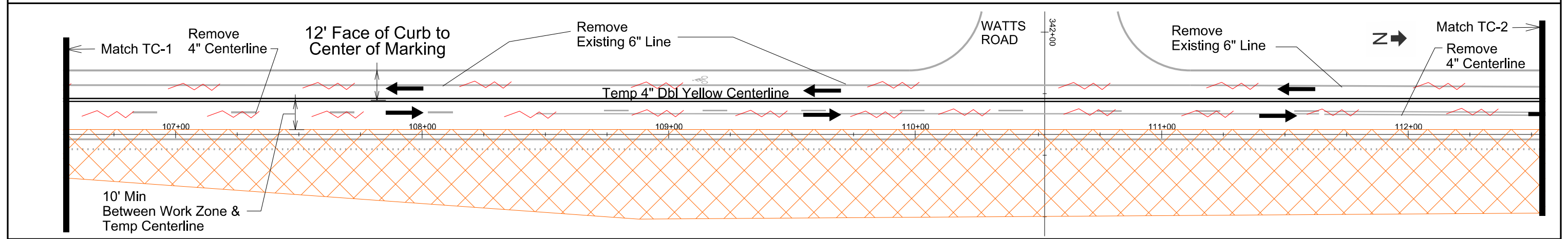
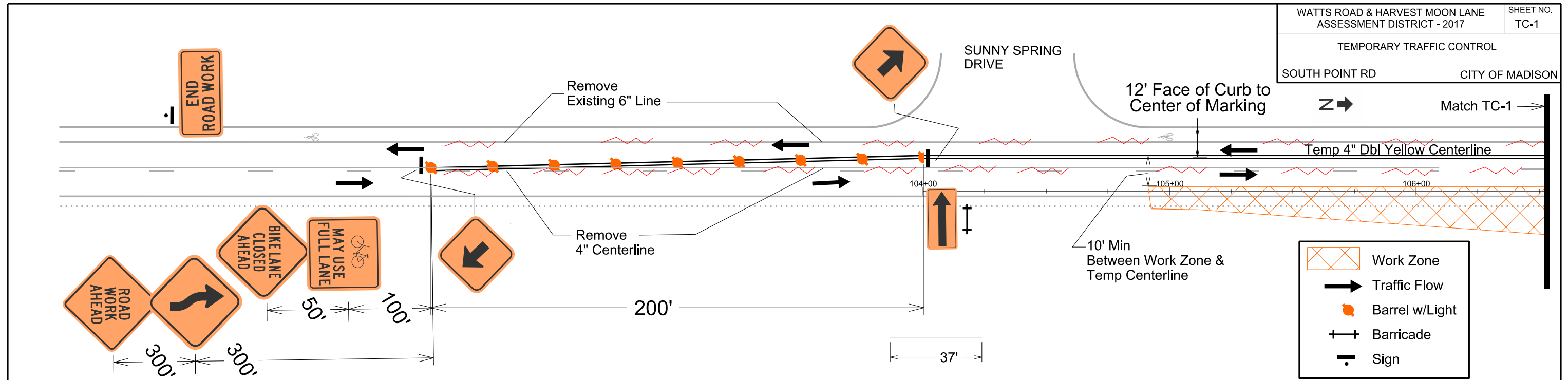
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.





← TO VALLEY VIEW RD

TO WATTS RD →

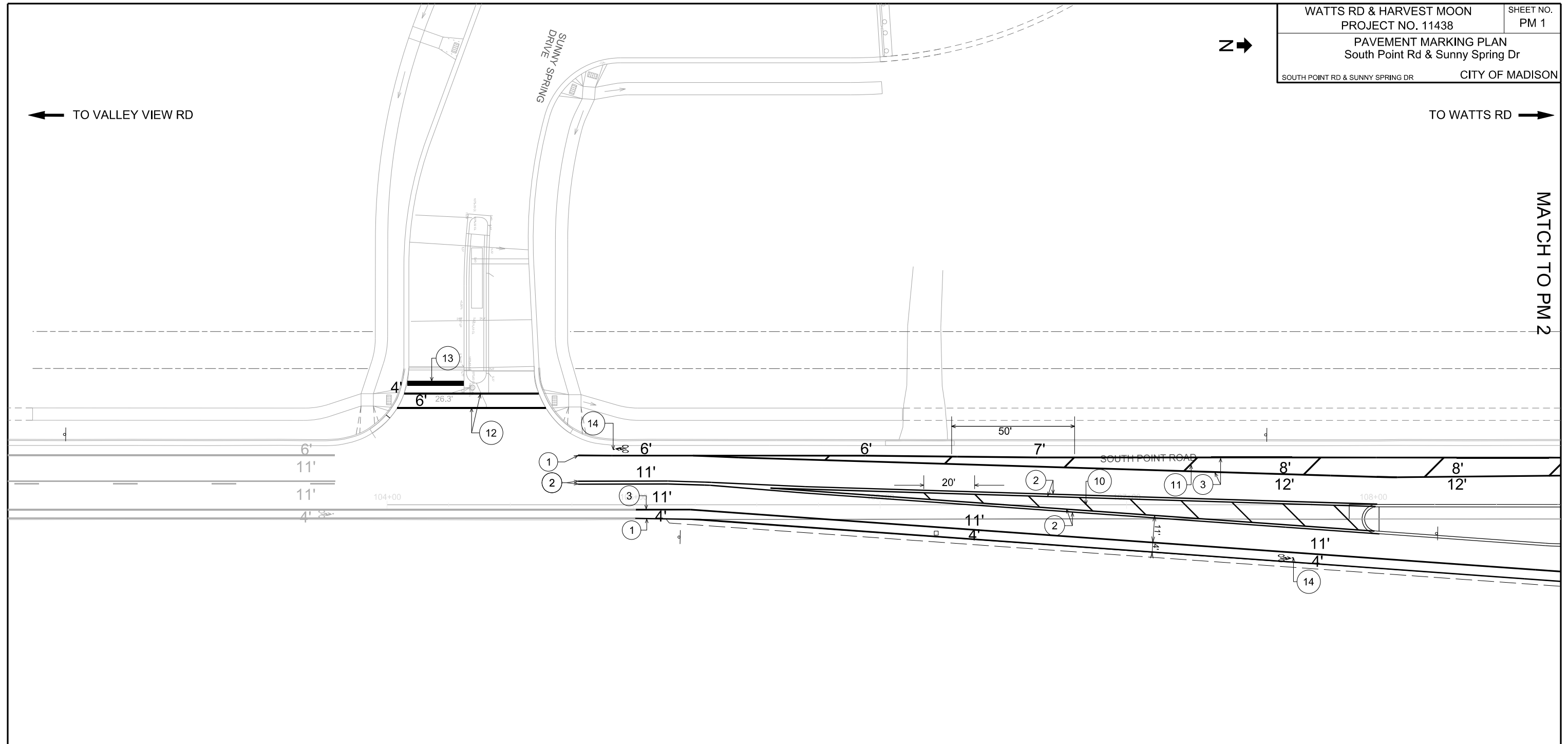
MATCH TO PM 2

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



NOTES:
 1. ALL DIMENSIONS FROM CENTER OF PAVEMENT MARKING OR FACE OF CURB TO CENTER OF PAVEMENT PARKING.
 2. DOUBLE YELLOW 4" MEASURED FROM CENTER OF FARTHER MARKING TO CENTER OF PAVEMENT MARKING OR FACE OF CURB.

1	PAVEMENT MARKING EPOXY, LINE, 4-INCH, WHITE
2	PAVEMENT MARKING EPOXY, LINE, 4-INCH, YELLOW
3	PAVEMENT MARKING EPOXY, LINE, 6-INCH, WHITE
4	PAVEMENT MARKING EPOXY, LINE, 6-INCH, 2' X 6' WHITE
5	PAVEMENT MARKING EPOXY, LINE, 6-INCH, 5' X 5' WHITE
6	PAVEMENT MARKING EPOXY, LINE, 6-INCH, 10' X 30' YELLOW
7	PAVEMENT MARKING EPOXY, LINE, 8-INCH, WHITE
8	PAVEMENT MARKING EPOXY, LINE, 8-INCH, 2' X 6' WHITE
9	PAVEMENT MARKING EPOXY, LINE, 8-INCH, 5' X 5' WHITE
10	PAVEMENT MARKING EPOXY, DIAGONAL LINE, 4-INCH, YELLOW
11	PAVEMENT MARKING EPOXY, DIAGONAL LINE, 6-INCH, WHITE
12	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH
13	PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH
14	PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE
15	PAVEMENT MARKING EPOXY, SYMBOL, BIKE STRAIGHT ARROW
16	PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW
17	PAVEMENT MARKING EPOXY, SYMBOL, RIGHT ARROW
18	PAVEMENT MARKING EPOXY, WORD, ONLY

PAVEMENT MARKING PLAN
South Point Rd & Watts Rd

SOUTH POINT RD & WATTS RD CITY OF MADISON



← TO SUNNY SPRING DR

TO HARVEST MOON LN →

MATCH TO PM 1

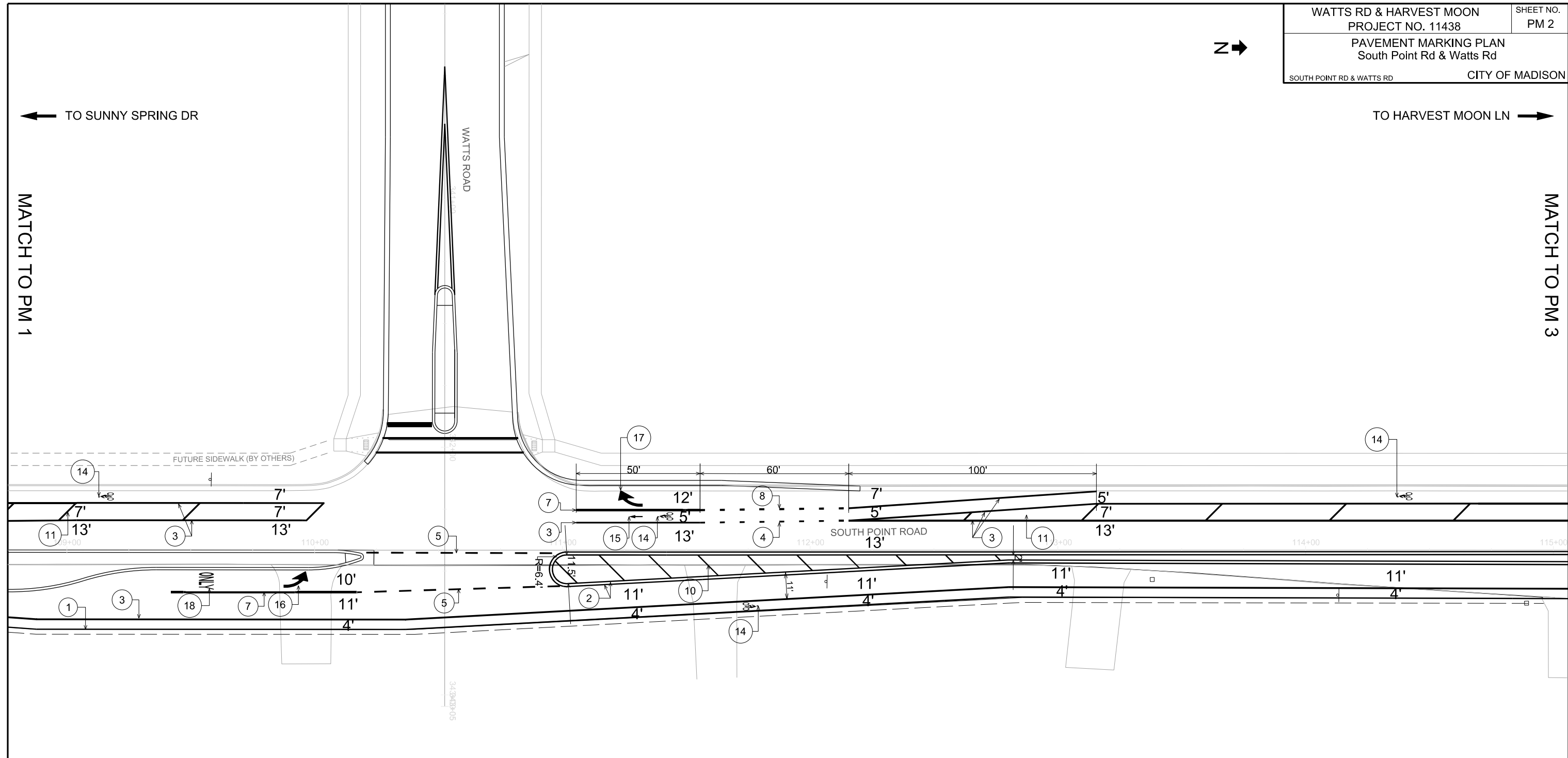
MATCH TO PM 3

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



1	PAVEMENT MARKING EPOXY, LINE, 4-INCH, WHITE
2	PAVEMENT MARKING EPOXY, LINE, 4-INCH, YELLOW
3	PAVEMENT MARKING EPOXY, LINE, 6-INCH, WHITE
4	PAVEMENT MARKING EPOXY, LINE, 6-INCH, 2' X 6' WHITE
5	PAVEMENT MARKING EPOXY, LINE, 6-INCH, 5' X 5' WHITE
6	PAVEMENT MARKING EPOXY, LINE, 6-INCH, 10' X 30' YELLOW
7	PAVEMENT MARKING EPOXY, LINE, 8-INCH, WHITE
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11	PAVEMENT MARKING EPOXY, DIAGONAL LINE, 6-INCH, WHITE
12	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH
13	PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH
14	PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE
15	PAVEMENT MARKING EPOXY, SYMBOL, BIKE STRAIGHT ARROW
16	PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW
17	PAVEMENT MARKING EPOXY, SYMBOL, RIGHT ARROW
18	PAVEMENT MARKING EPOXY, WORD, ONLY



← TO WATTS RD

TO SILICON PRAIRIE PKWY →

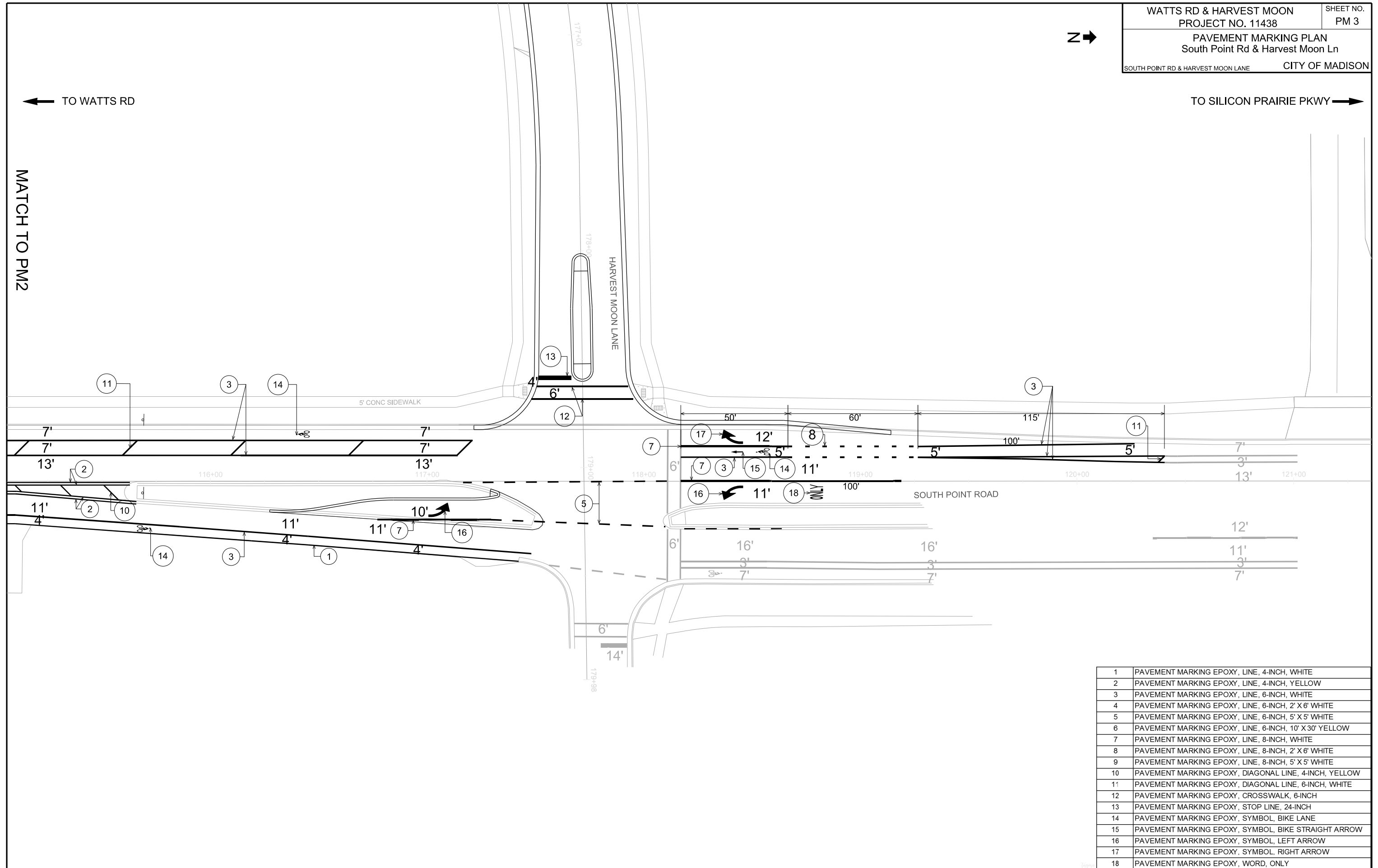
MATCH TO PM2

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



1	PAVEMENT MARKING EPOXY, LINE, 4-INCH, WHITE
2	PAVEMENT MARKING EPOXY, LINE, 4-INCH, YELLOW
3	PAVEMENT MARKING EPOXY, LINE, 6-INCH, WHITE
4	PAVEMENT MARKING EPOXY, LINE, 6-INCH, 2' X 6' WHITE
5	PAVEMENT MARKING EPOXY, LINE, 6-INCH, 5' X 5' WHITE
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10	PAVEMENT MARKING EPOXY, DIAGONAL LINE, 4-INCH, YELLOW
11	PAVEMENT MARKING EPOXY, DIAGONAL LINE, 6-INCH, WHITE
12	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH
13	PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH
14	PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE
15	PAVEMENT MARKING EPOXY, SYMBOL, BIKE STRAIGHT ARROW
16	PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW
17	PAVEMENT MARKING EPOXY, SYMBOL, RIGHT ARROW
18	PAVEMENT MARKING EPOXY, WORD, ONLY

CROSS SECTIONS

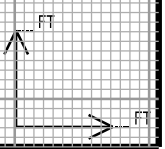
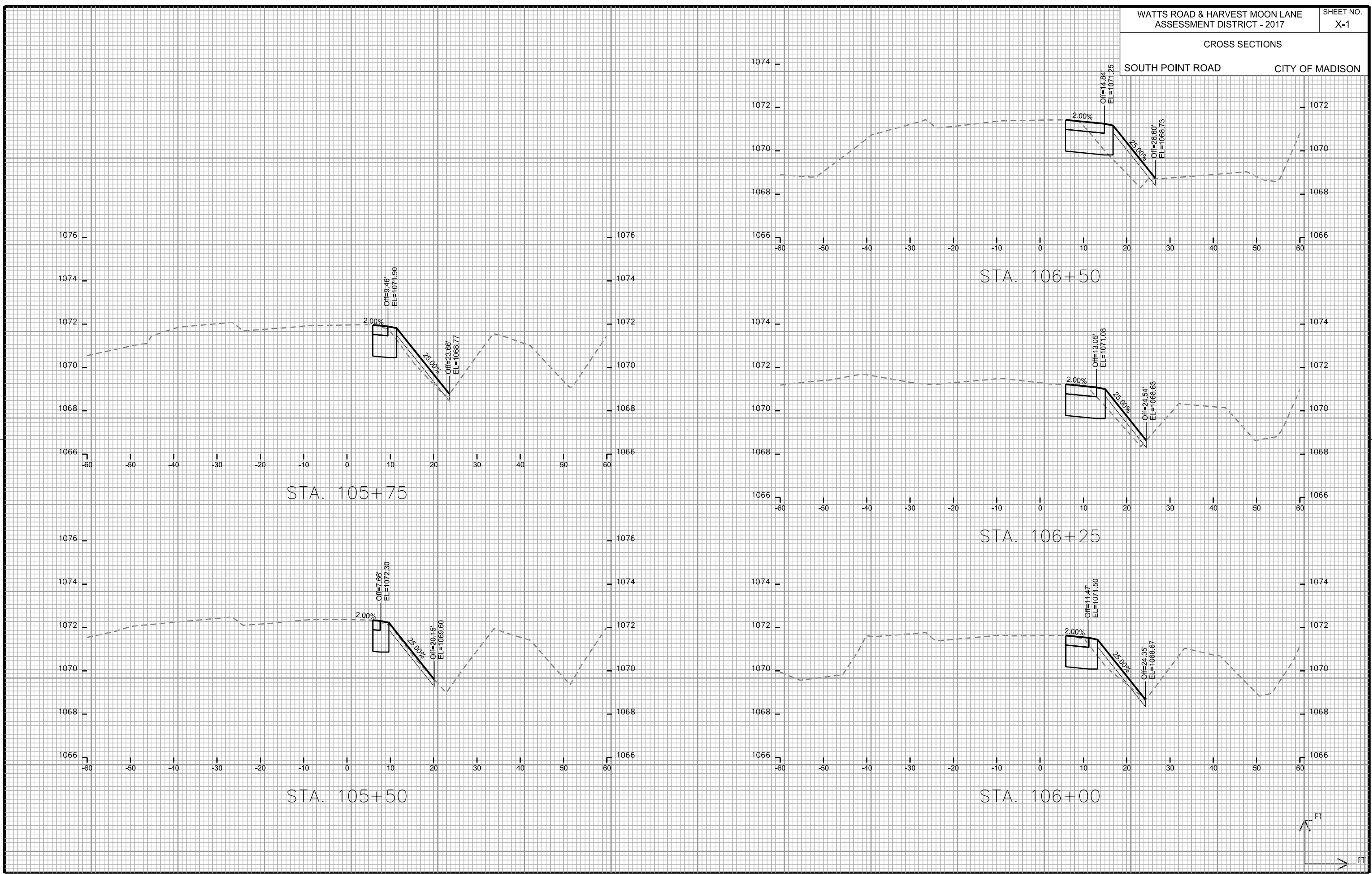
SOUTH POINT ROAD CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

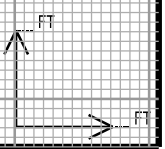
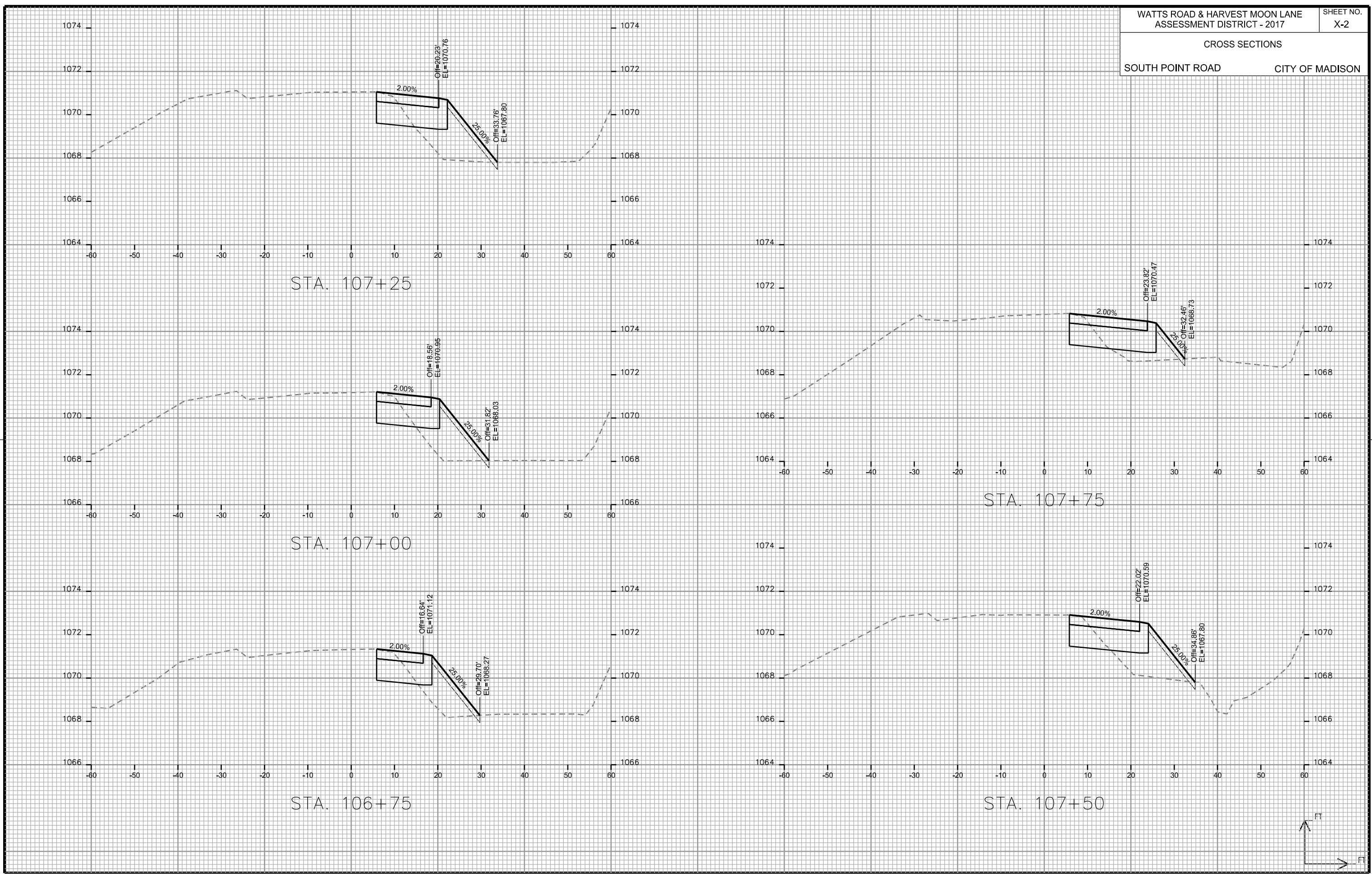


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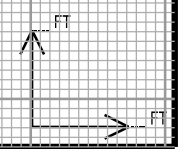
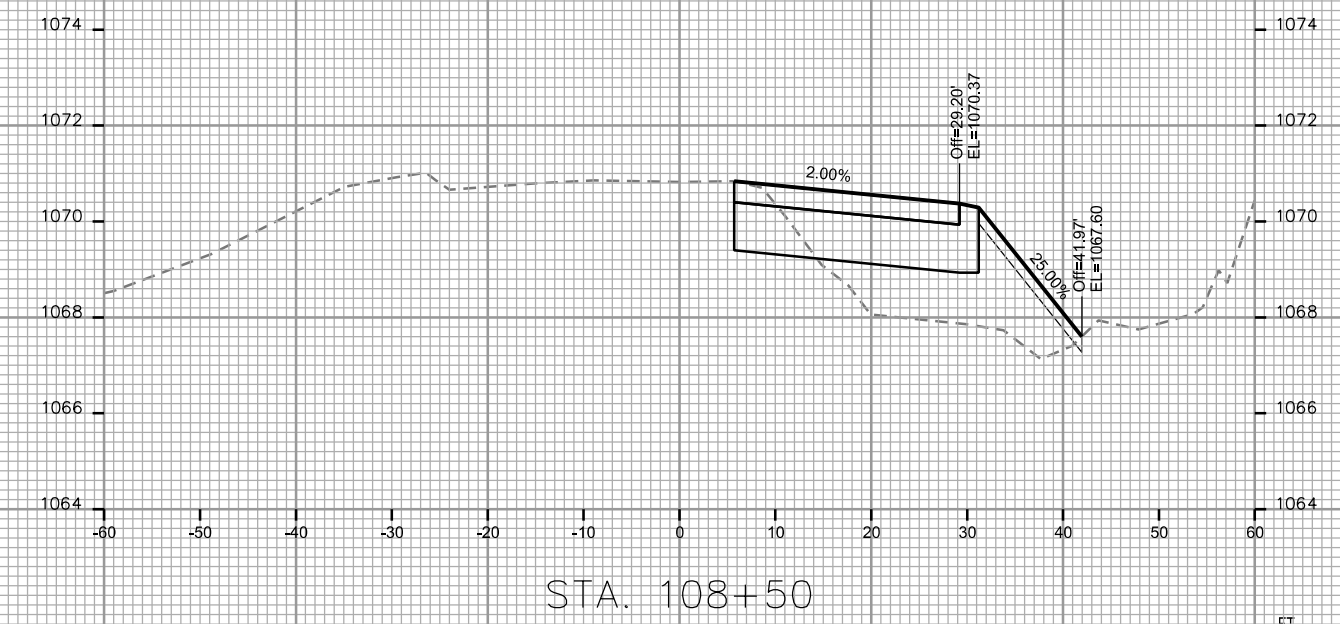
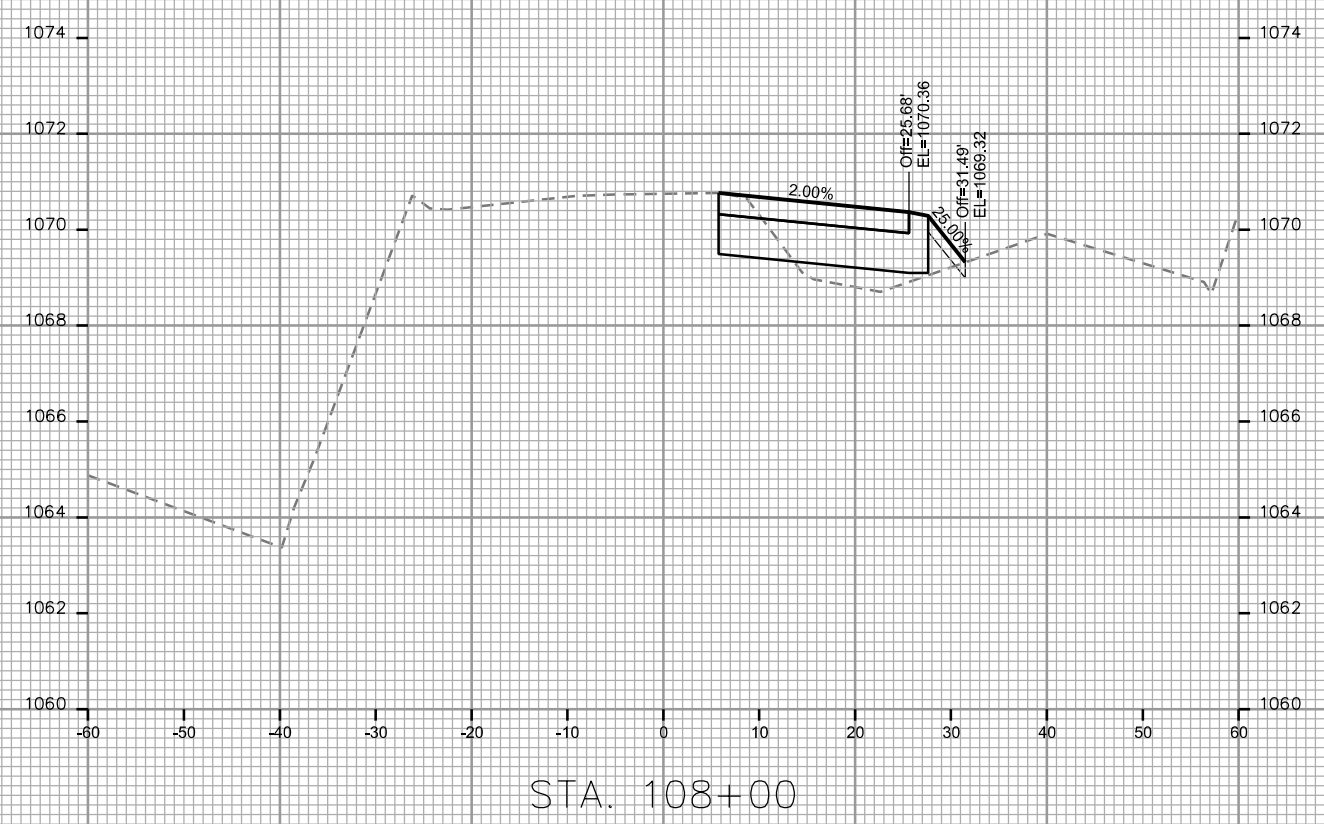
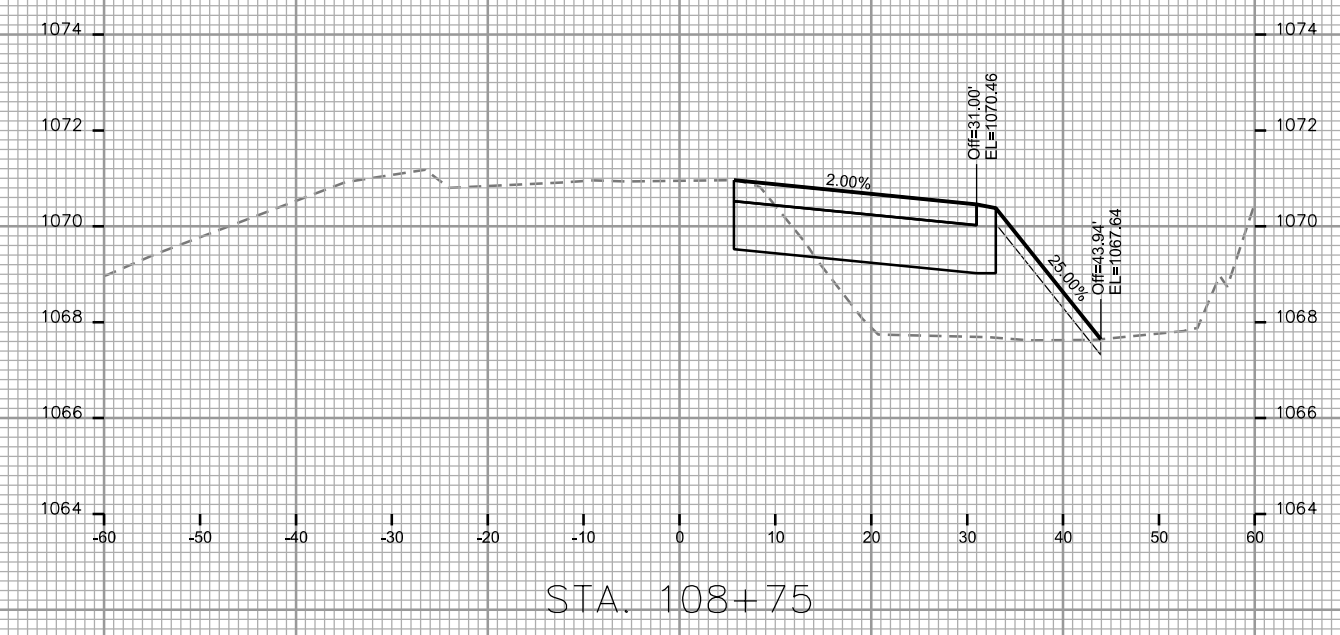
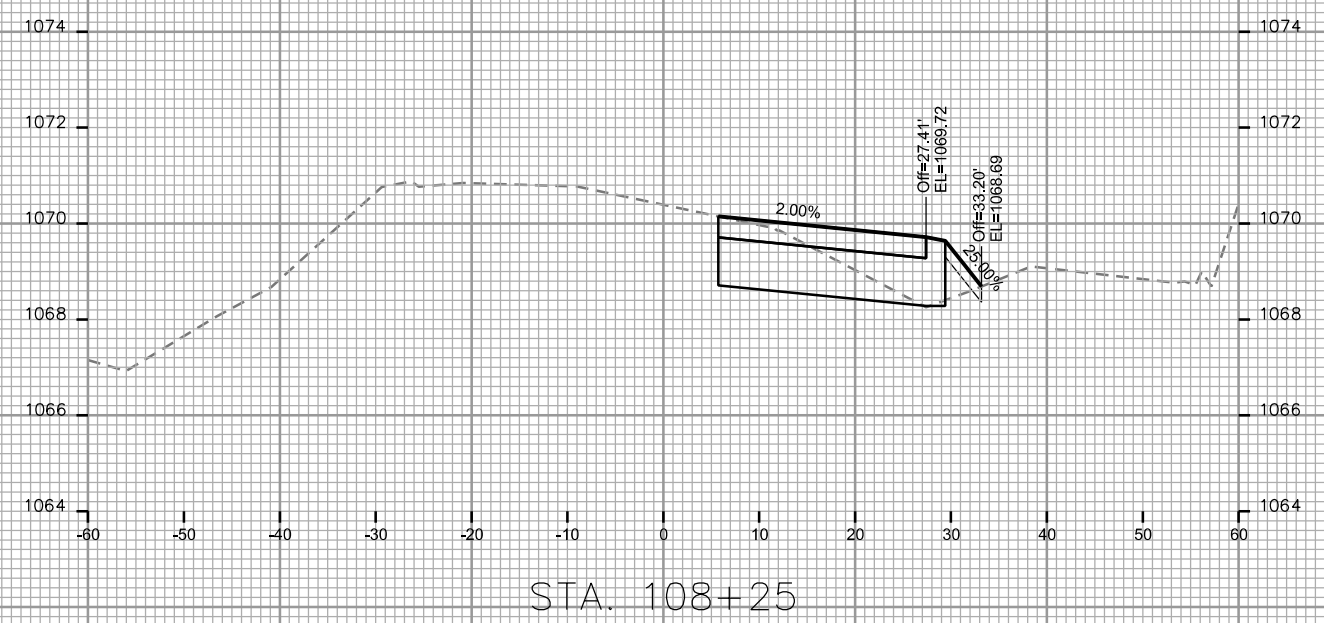
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



PLOT SCALE: _____
PLOT NAME: _____

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ORIGINATOR: CITY OF MADISON - STREETS DIVISION

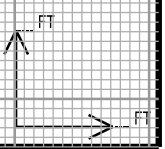
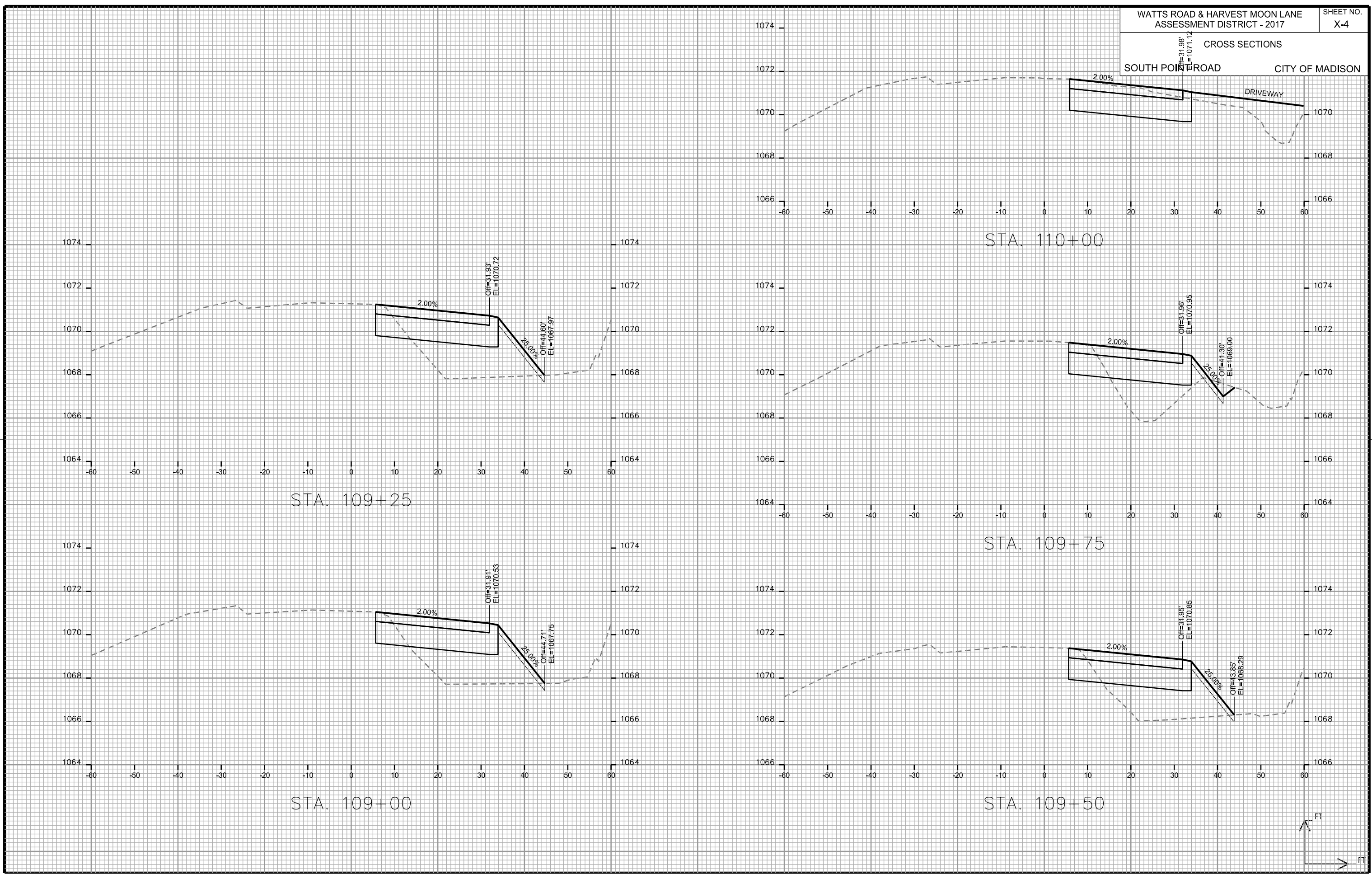


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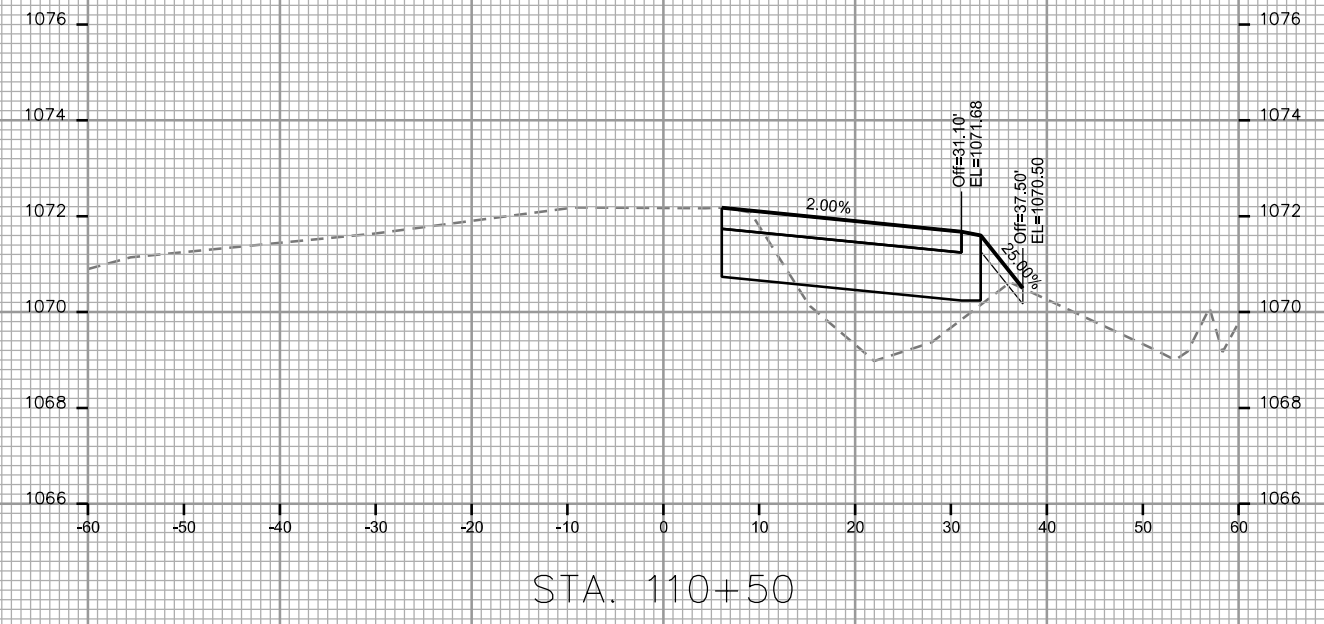


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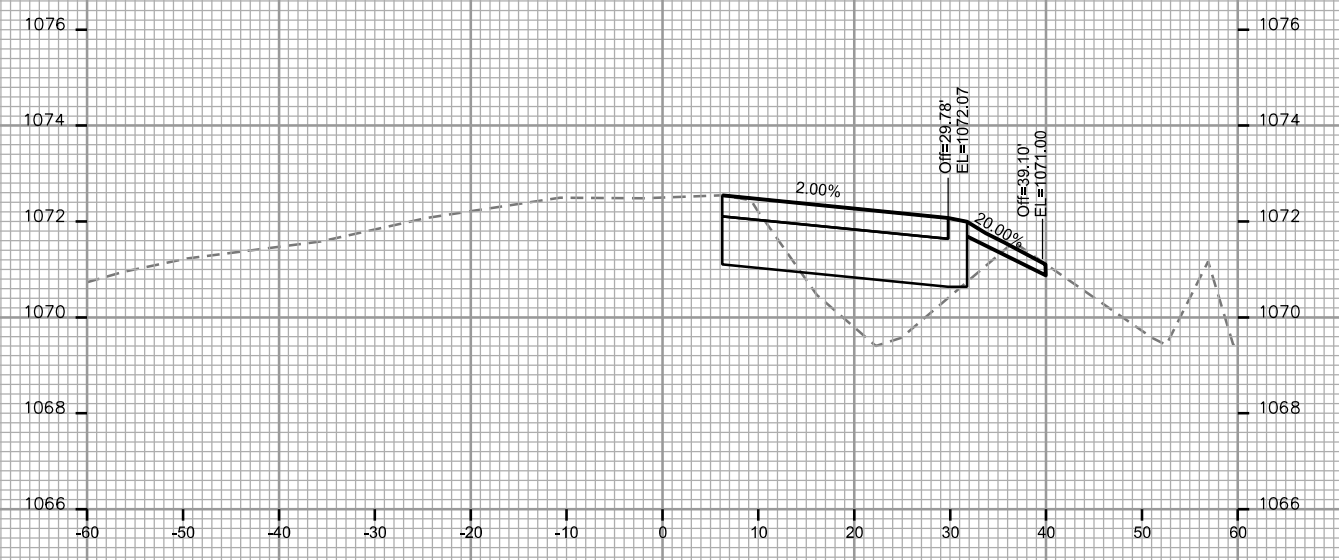
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



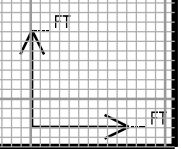
STA. 110+50



STA. 110+25



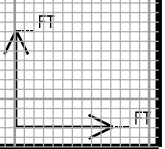
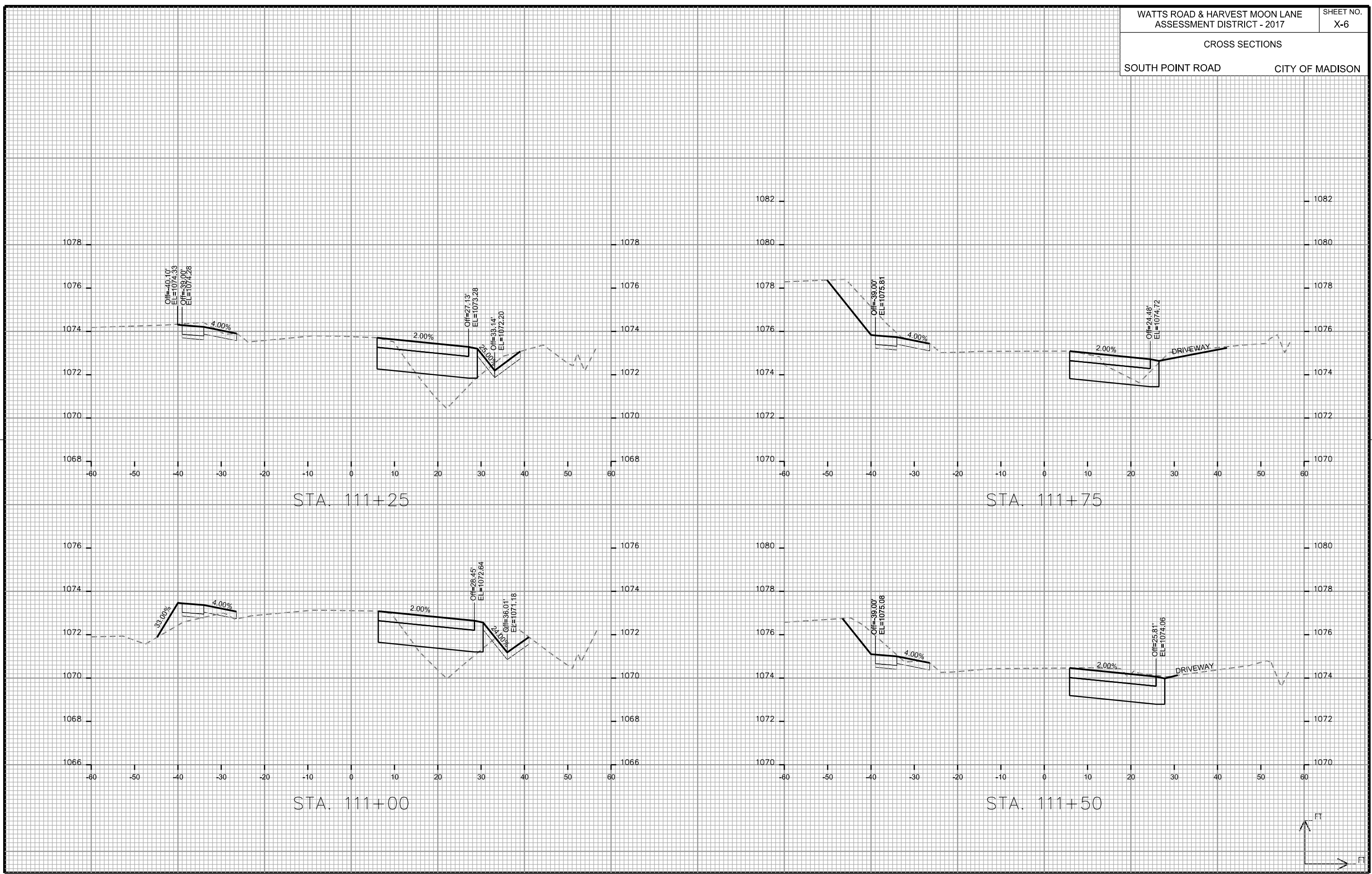
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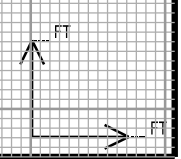
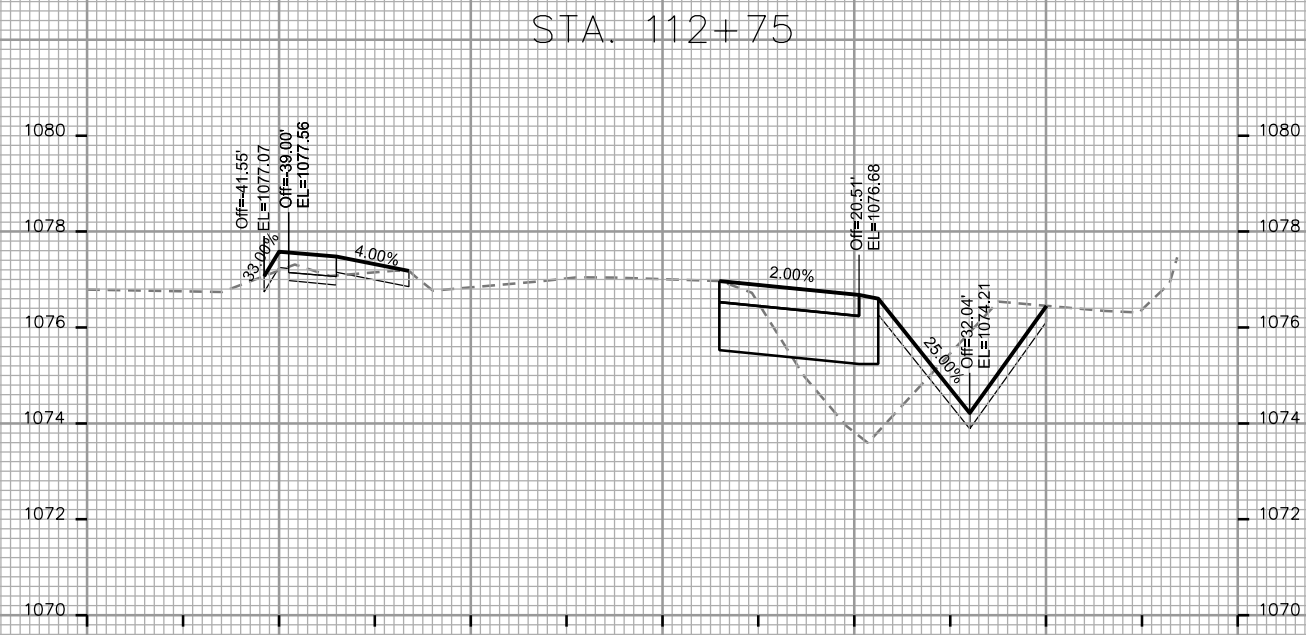
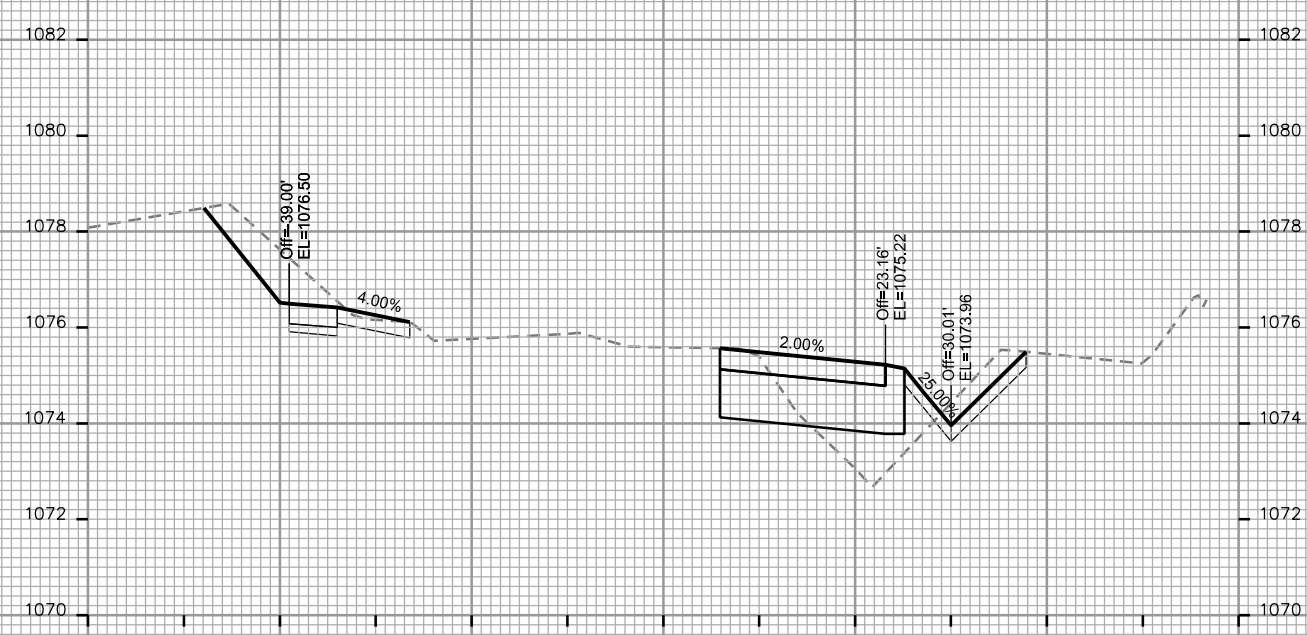
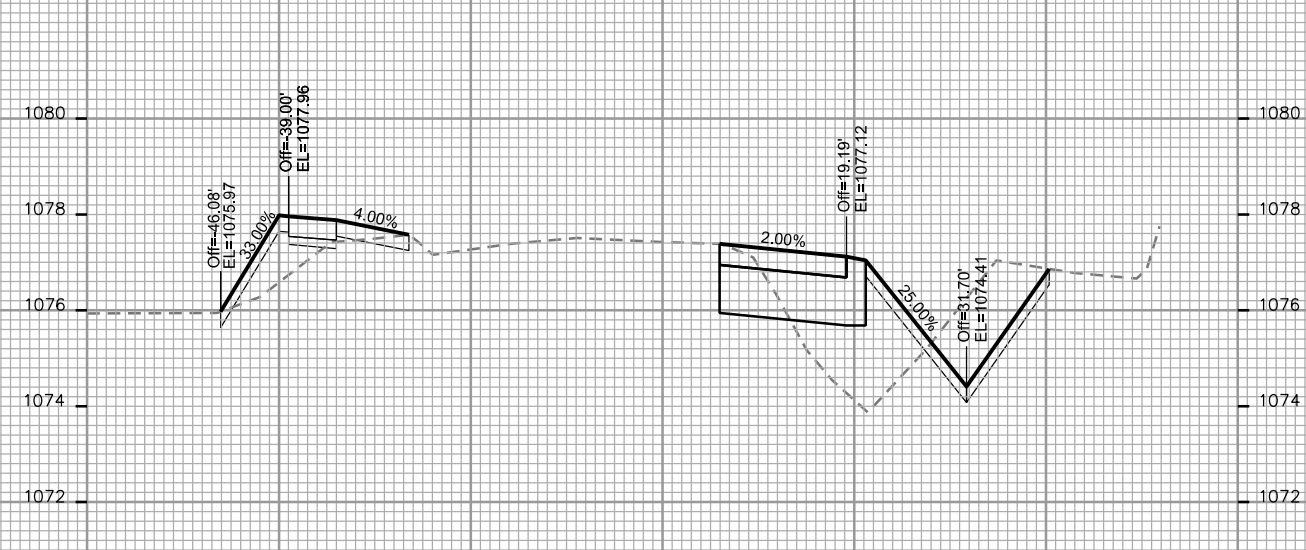
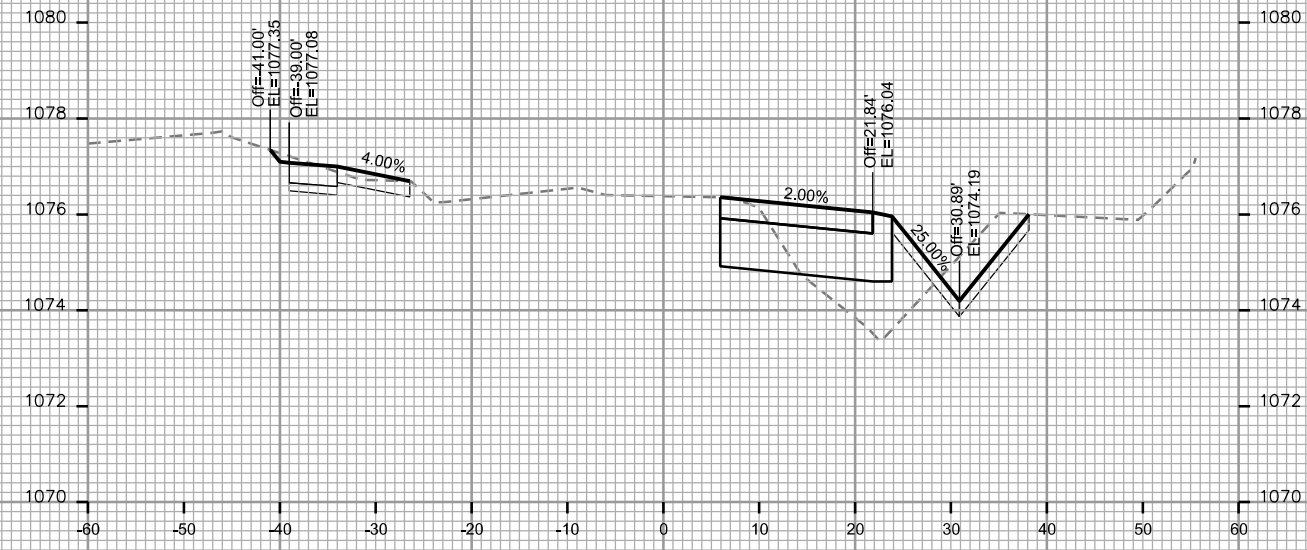


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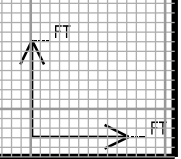
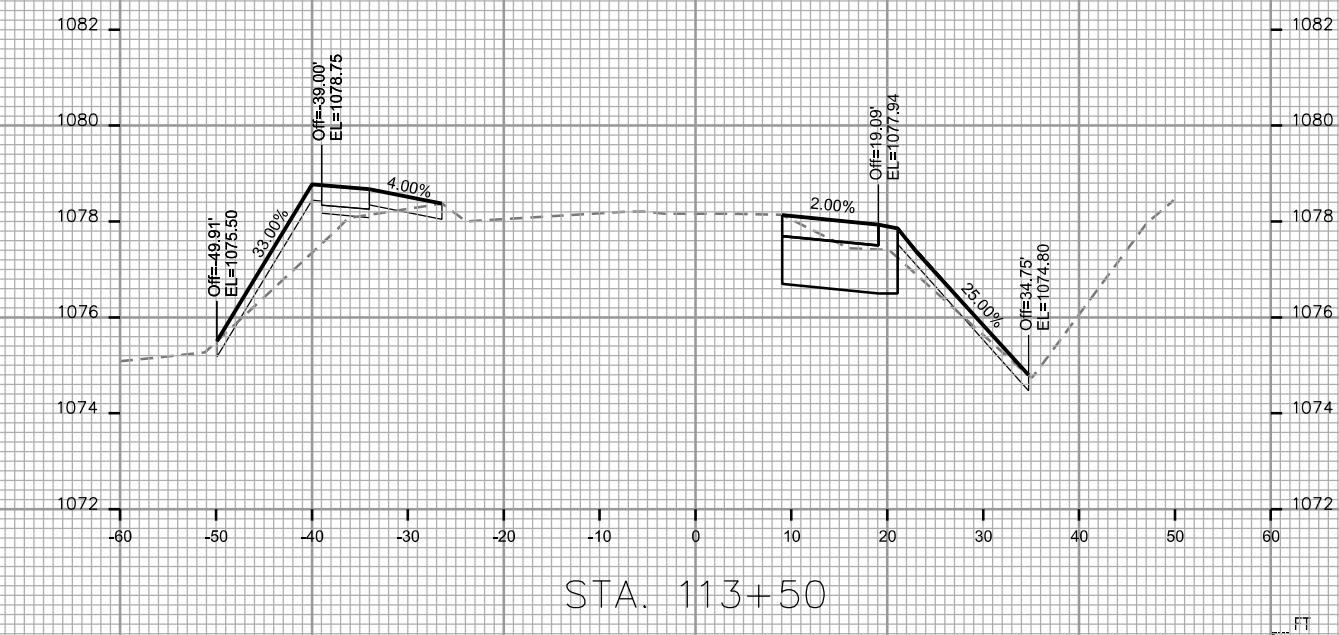
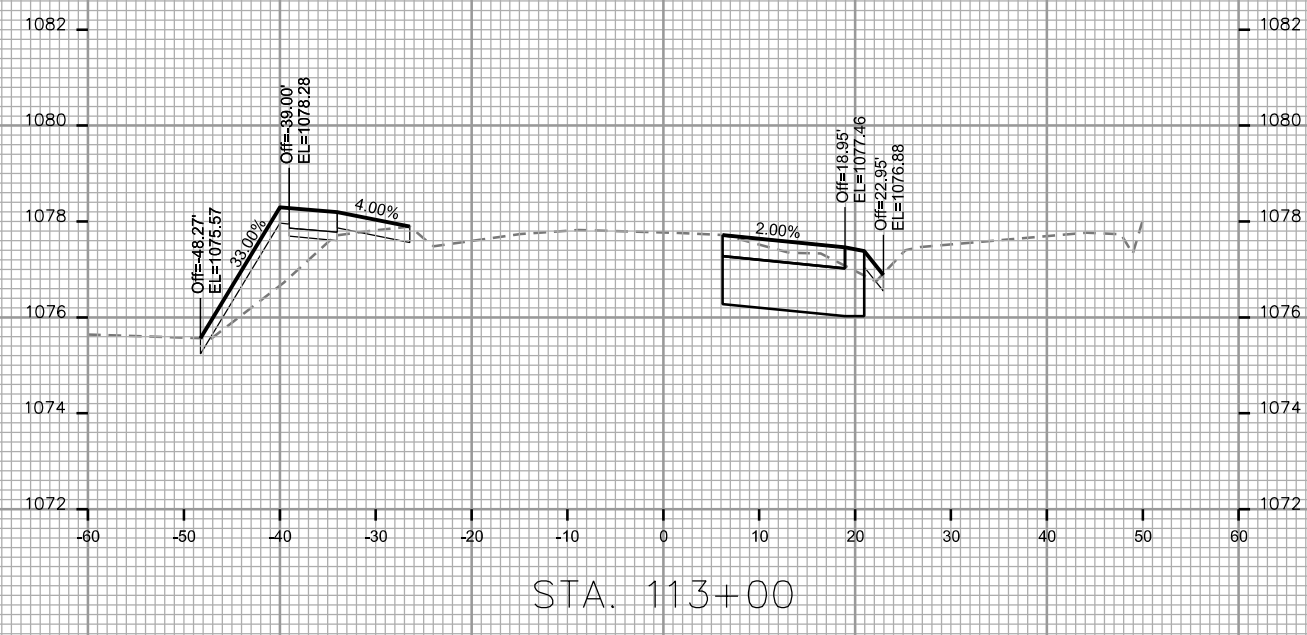
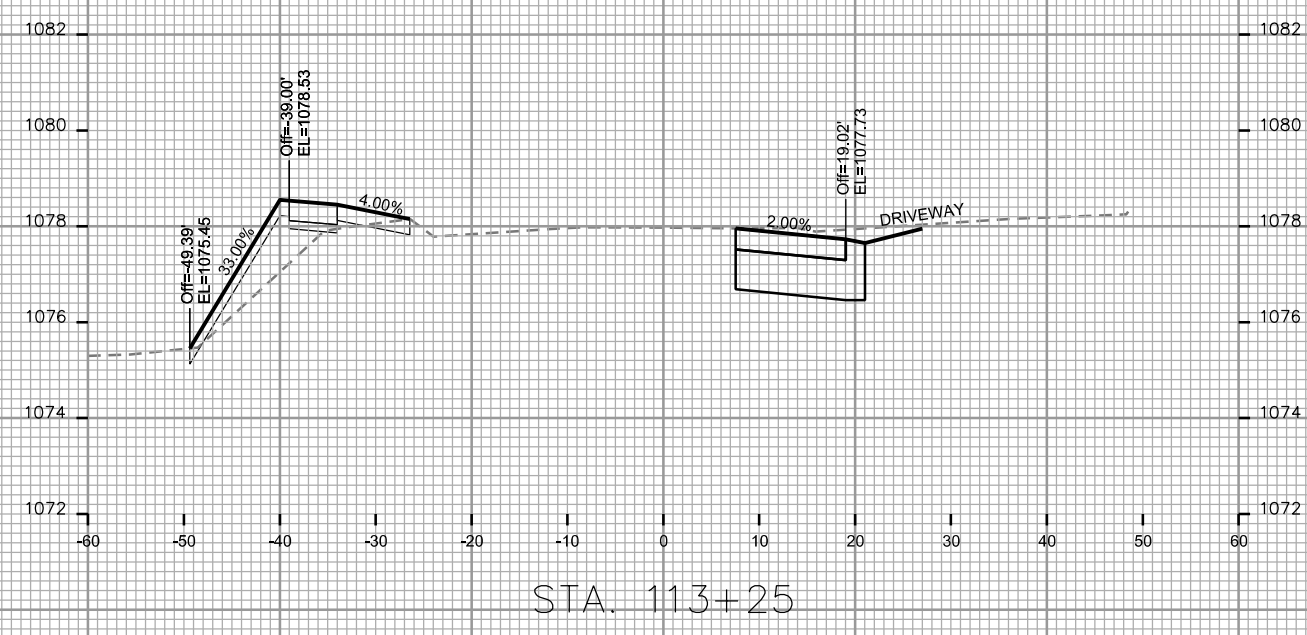


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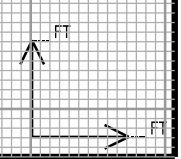
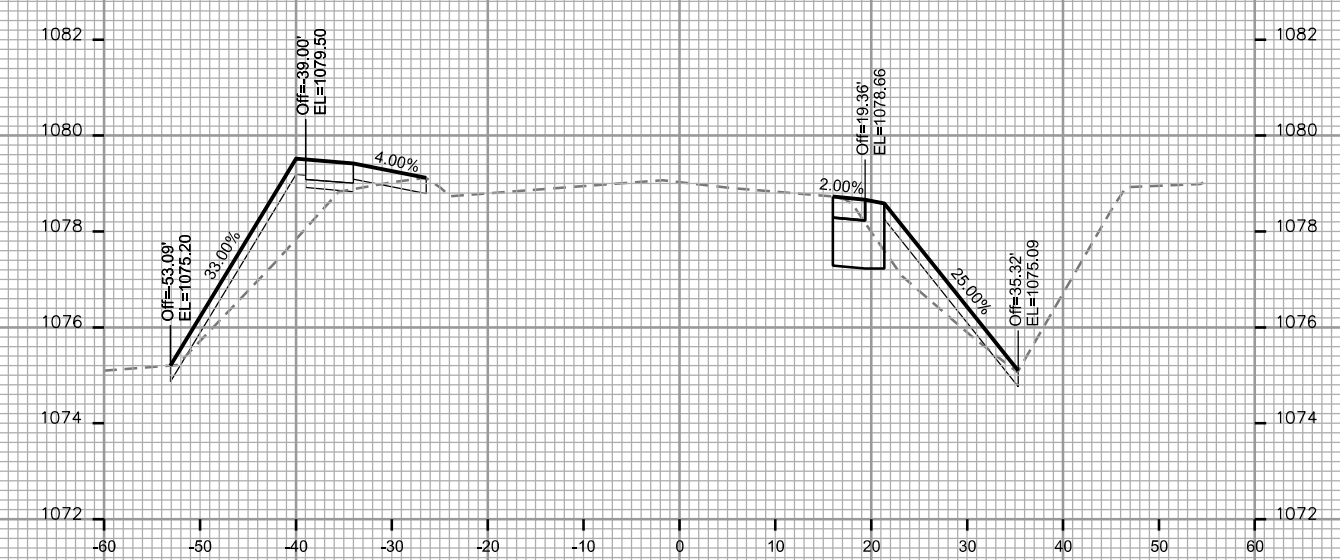
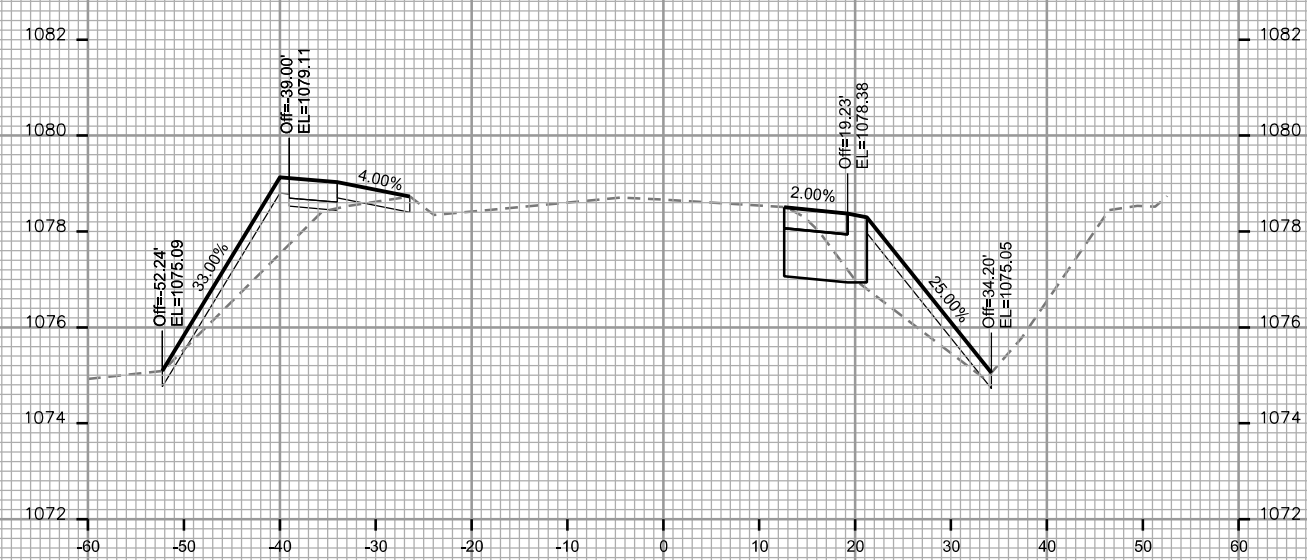
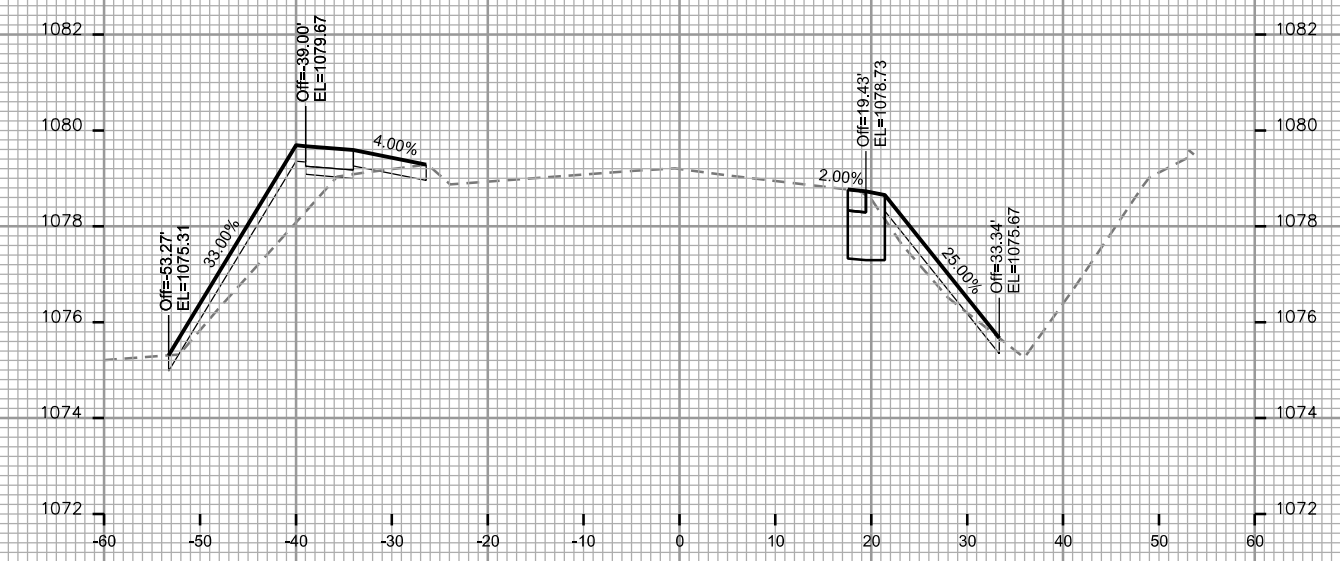
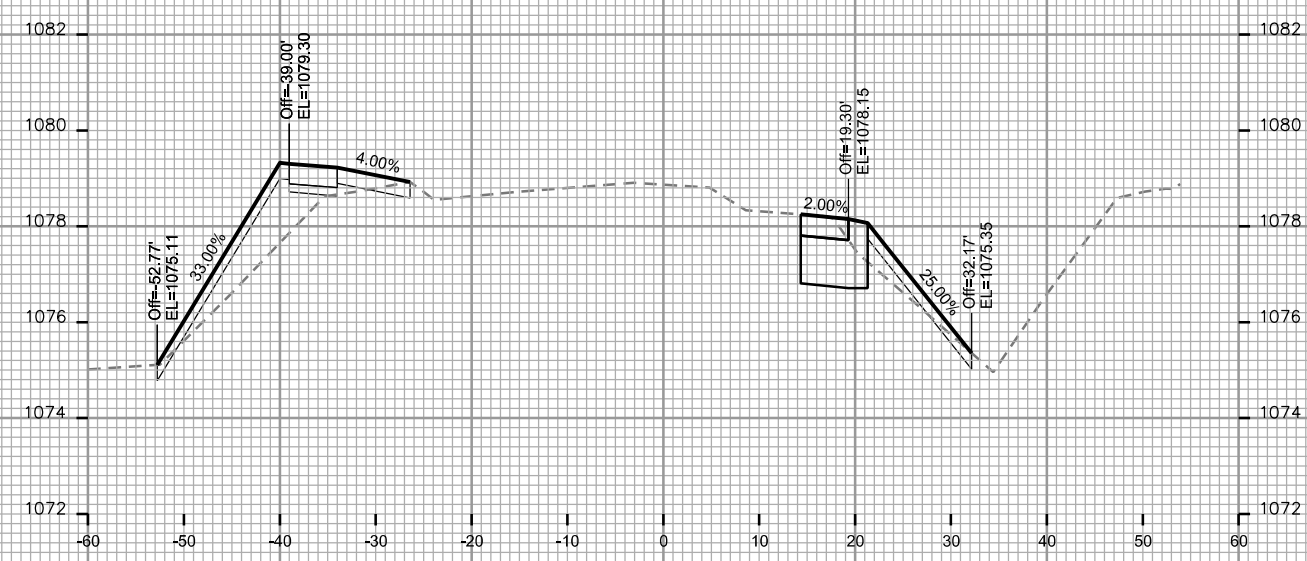
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CROSS SECTIONS

SOUTH POINT ROAD CITY OF MADISON

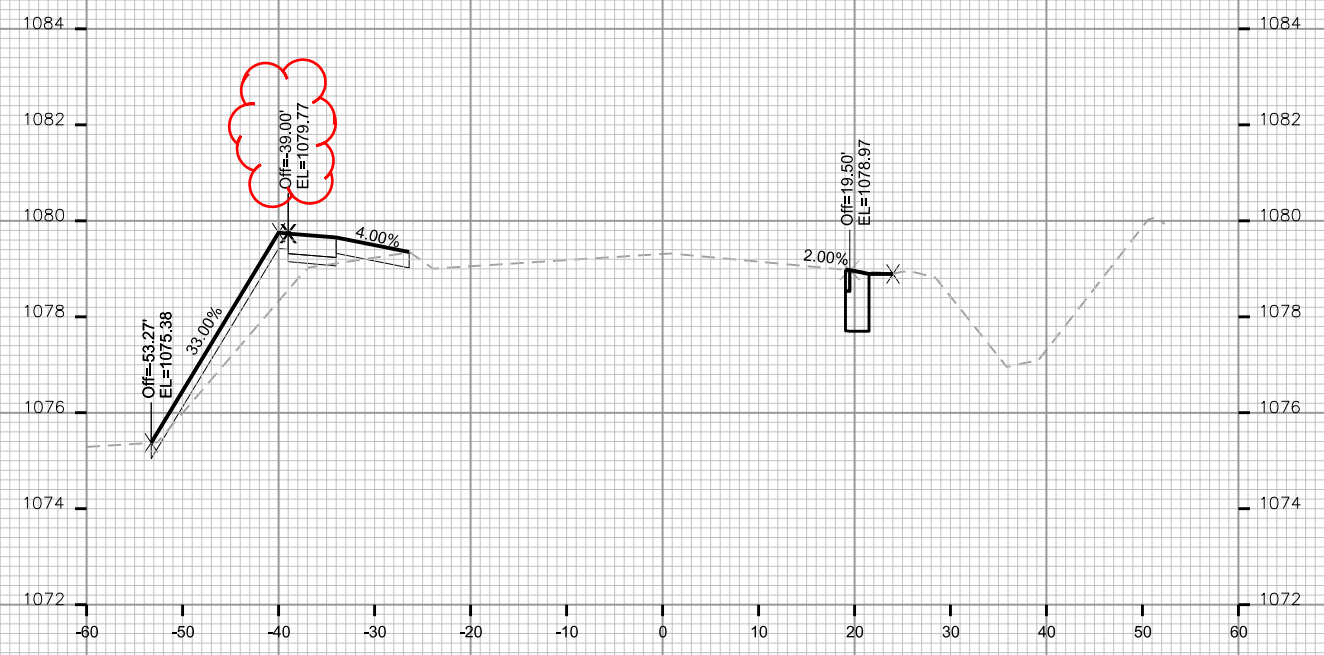
REV 8/04/2017 GEY

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



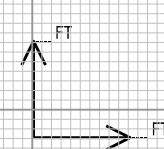
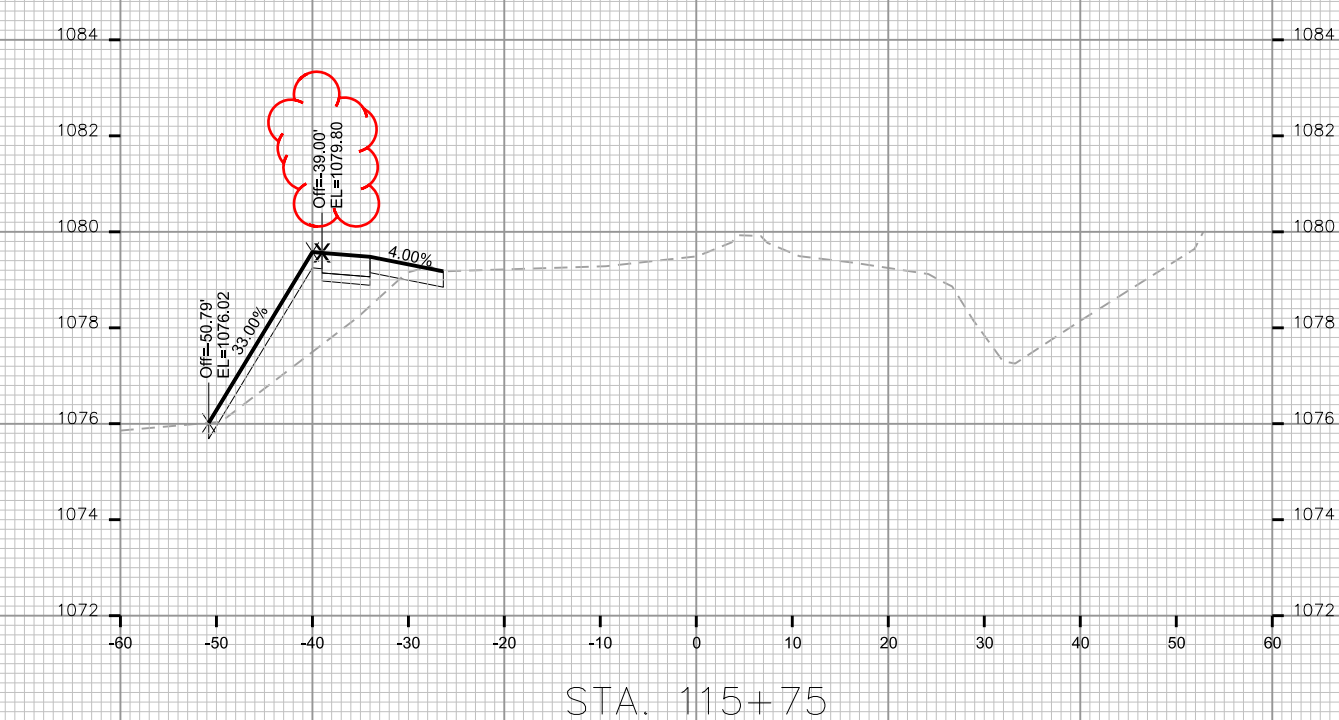
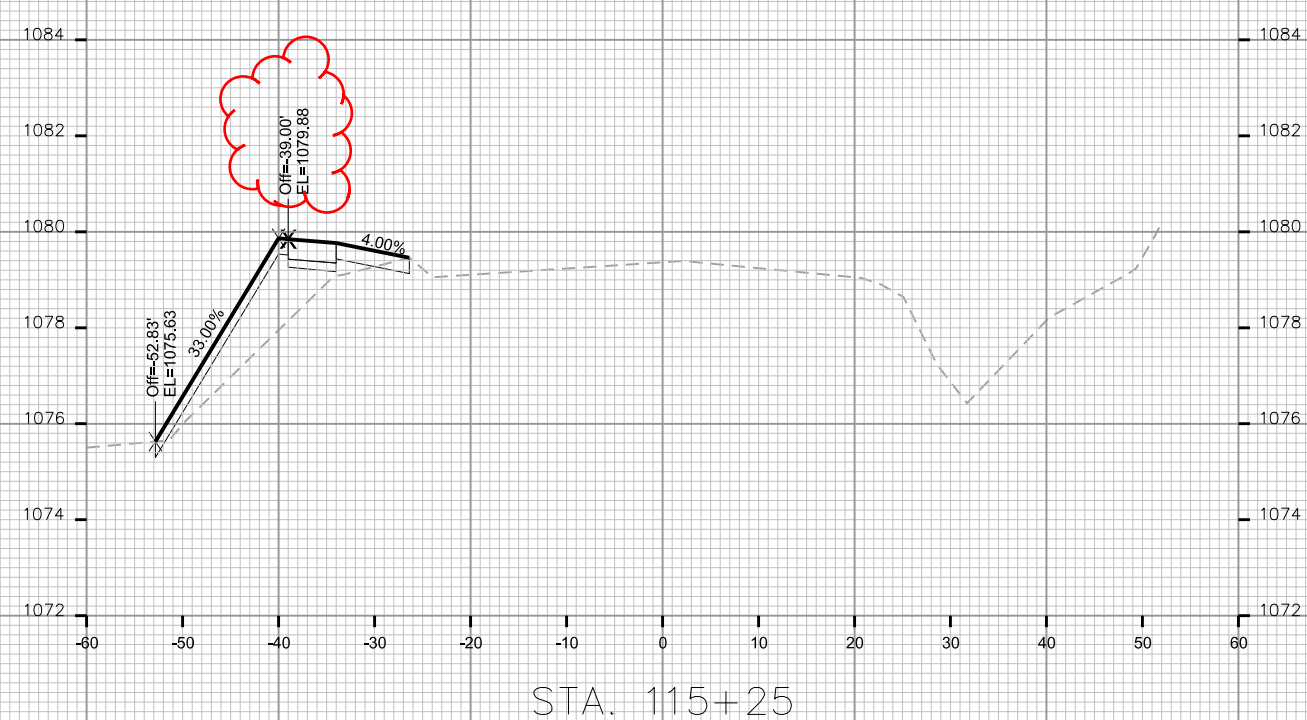
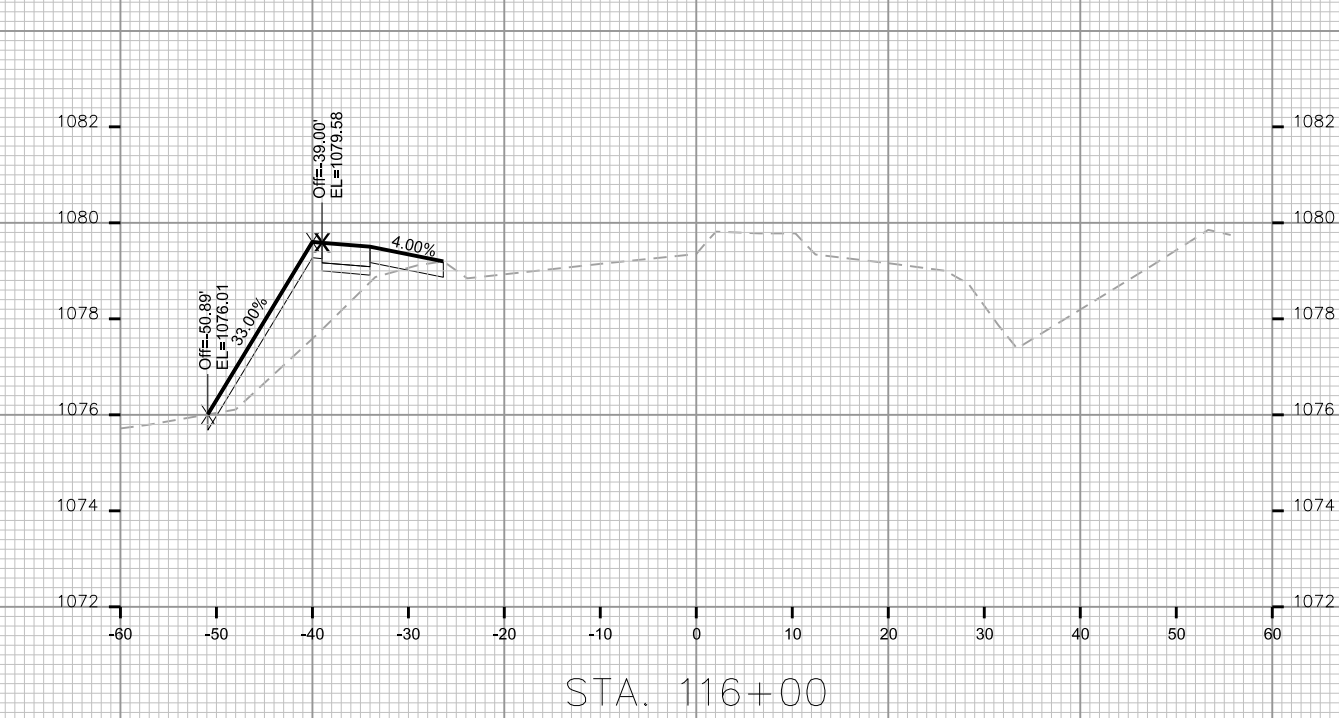
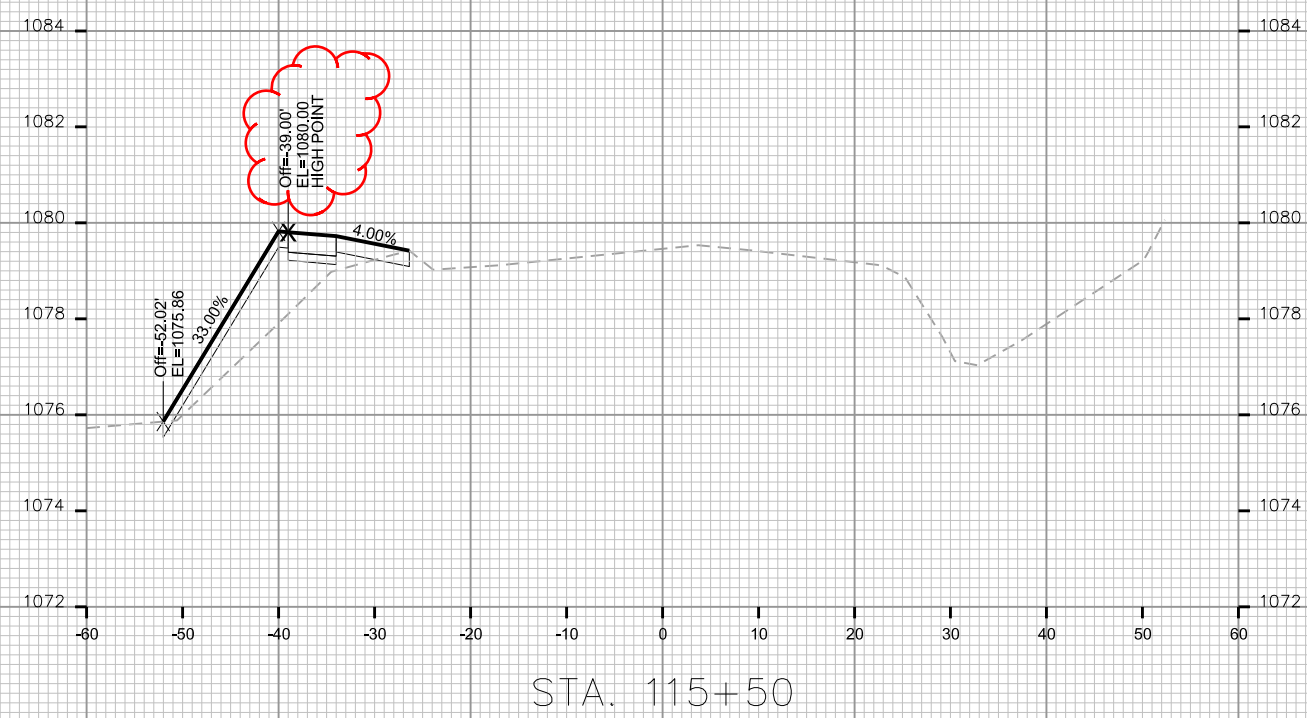
STA. 115+00

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

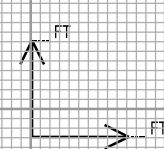
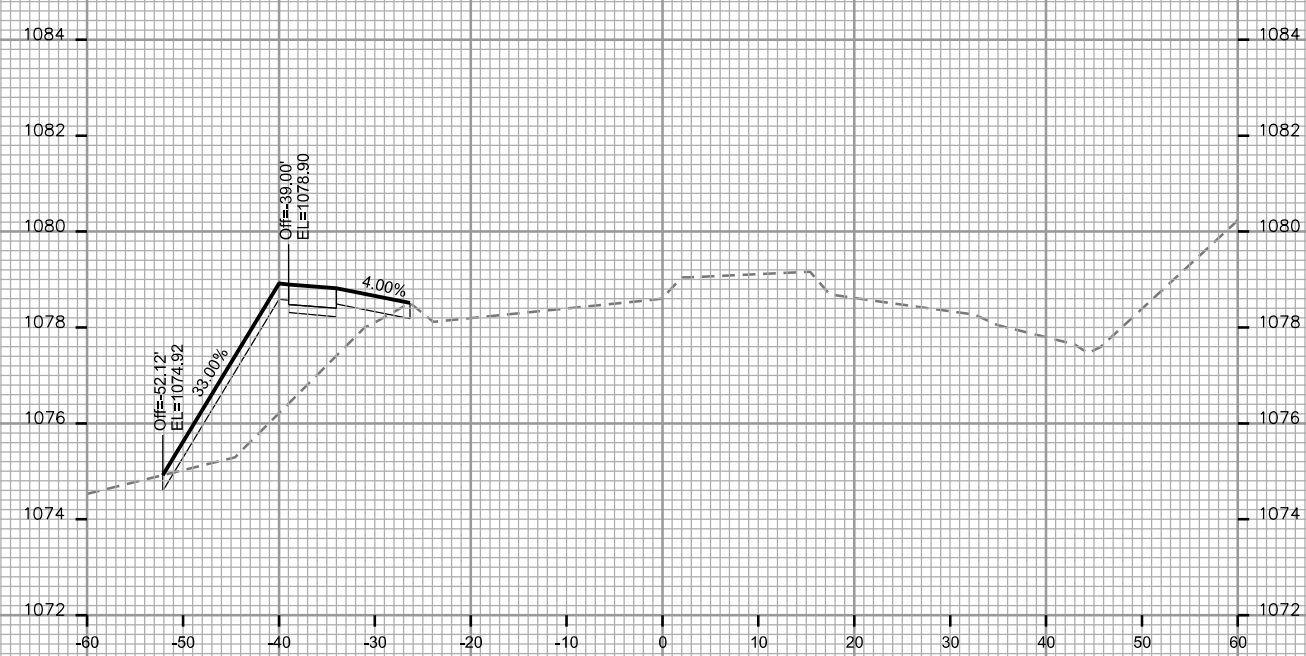
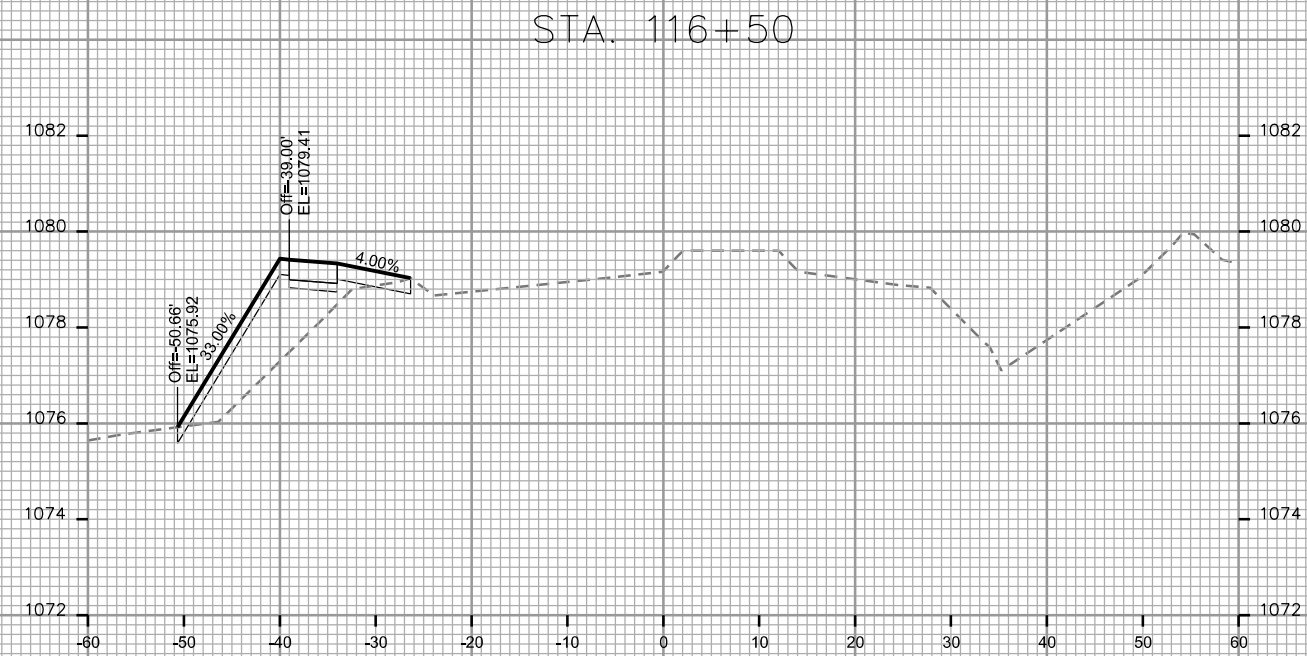
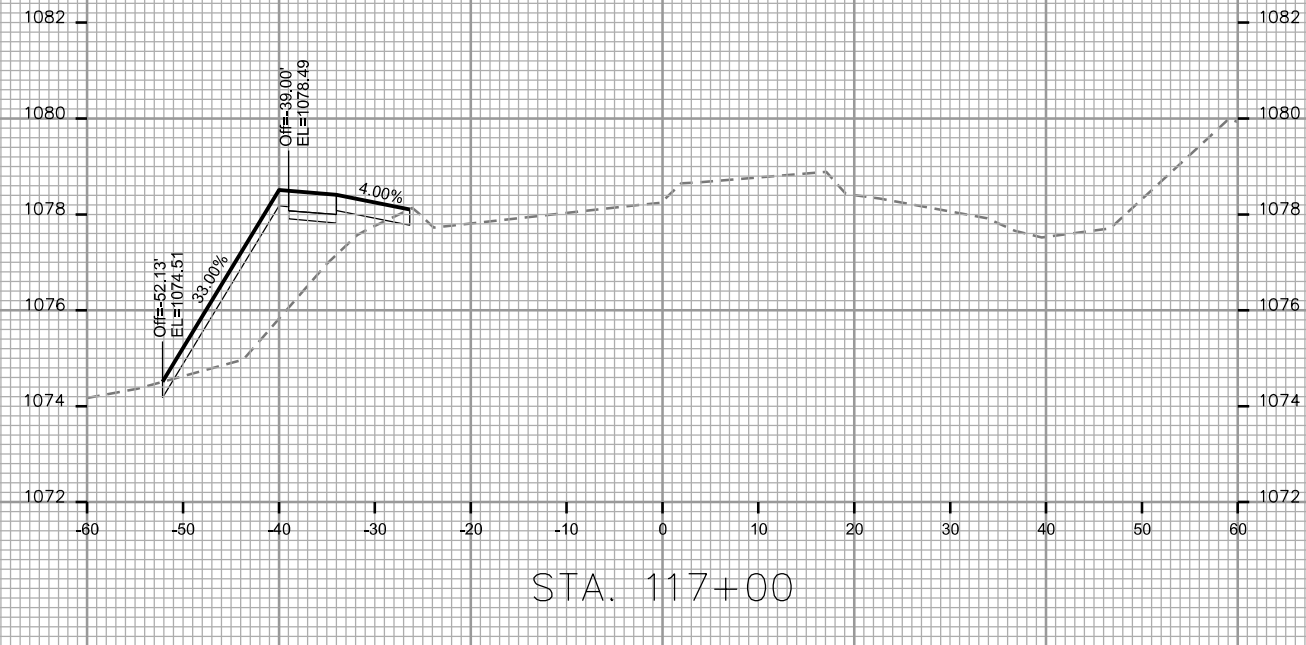


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

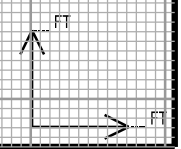
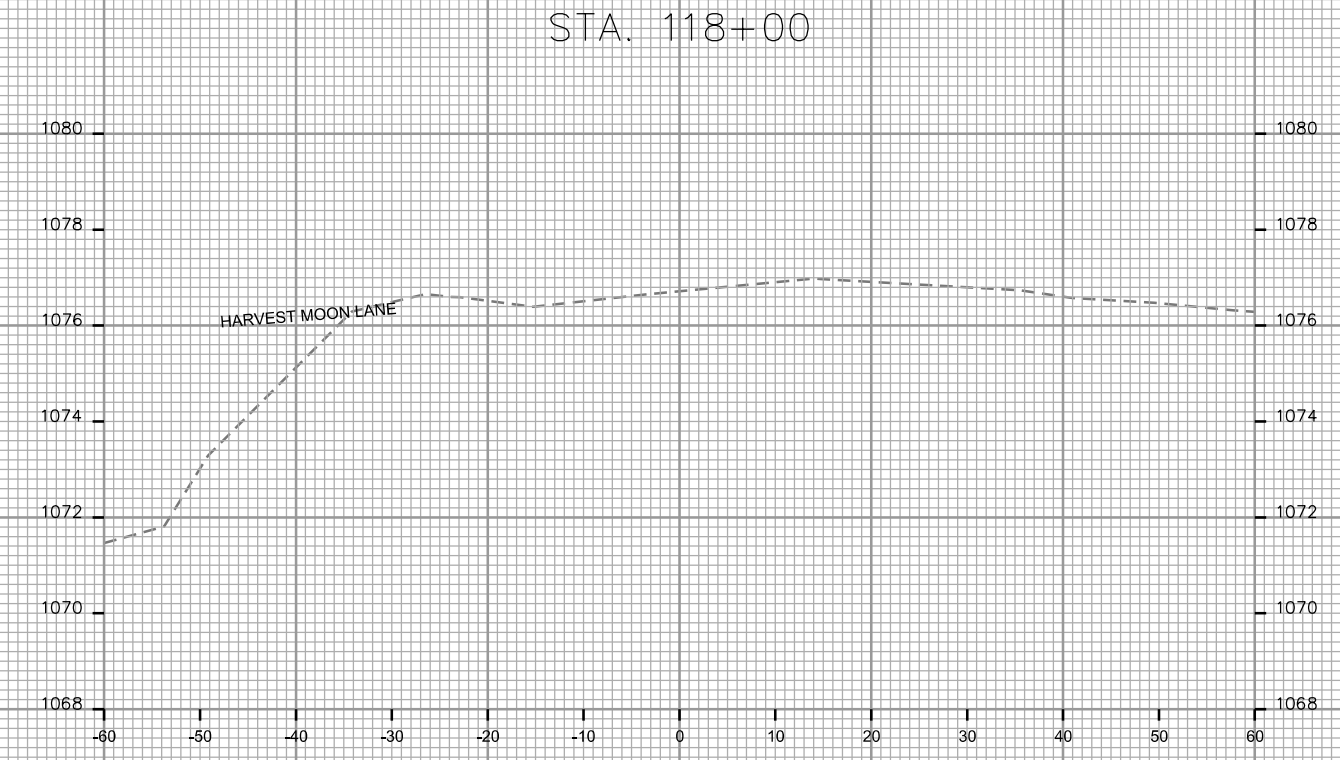
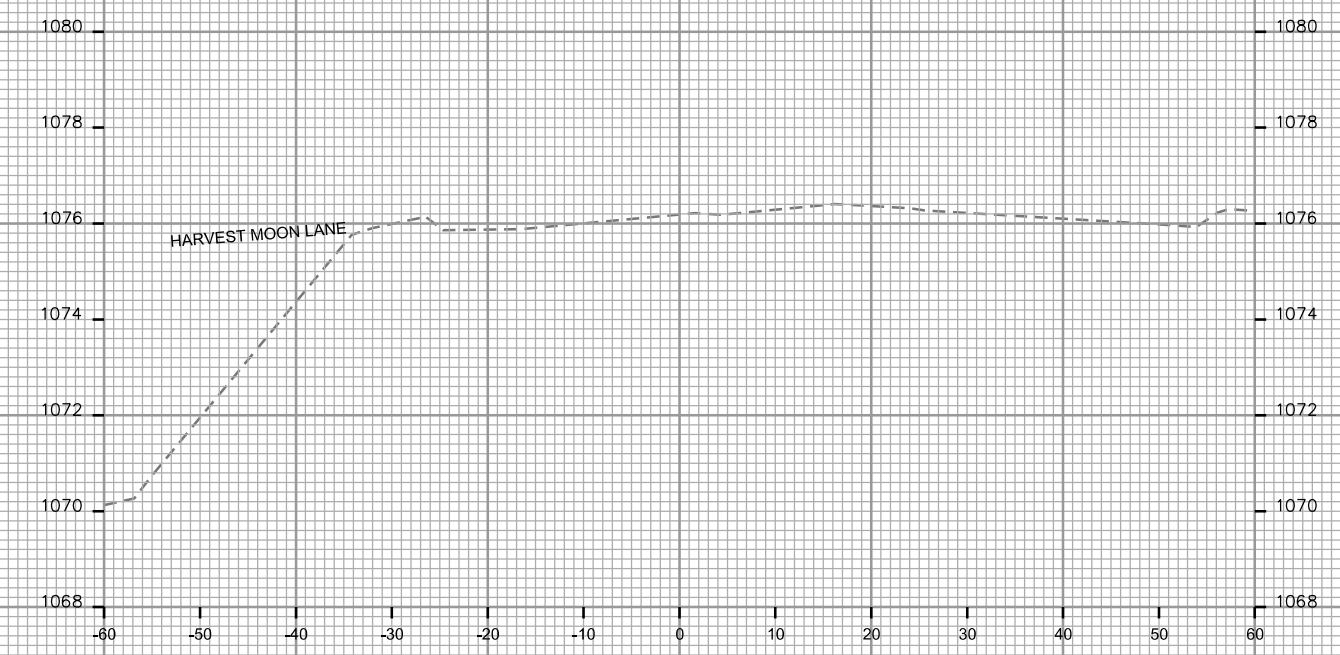
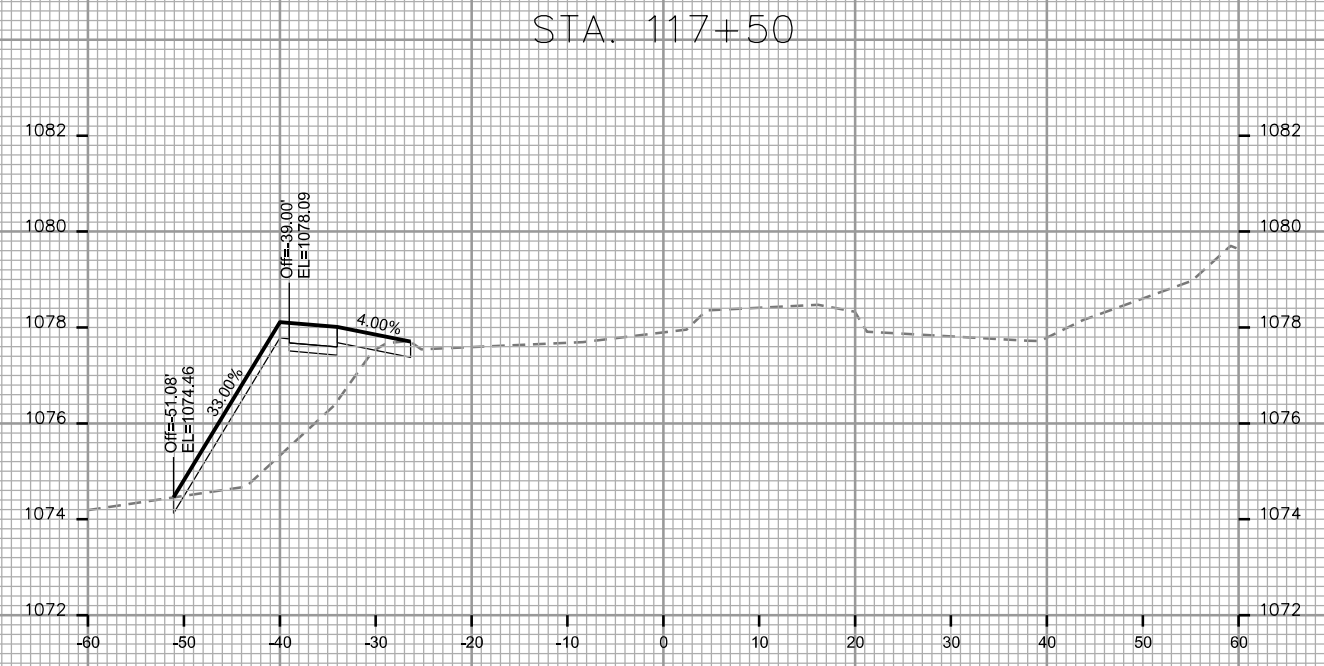
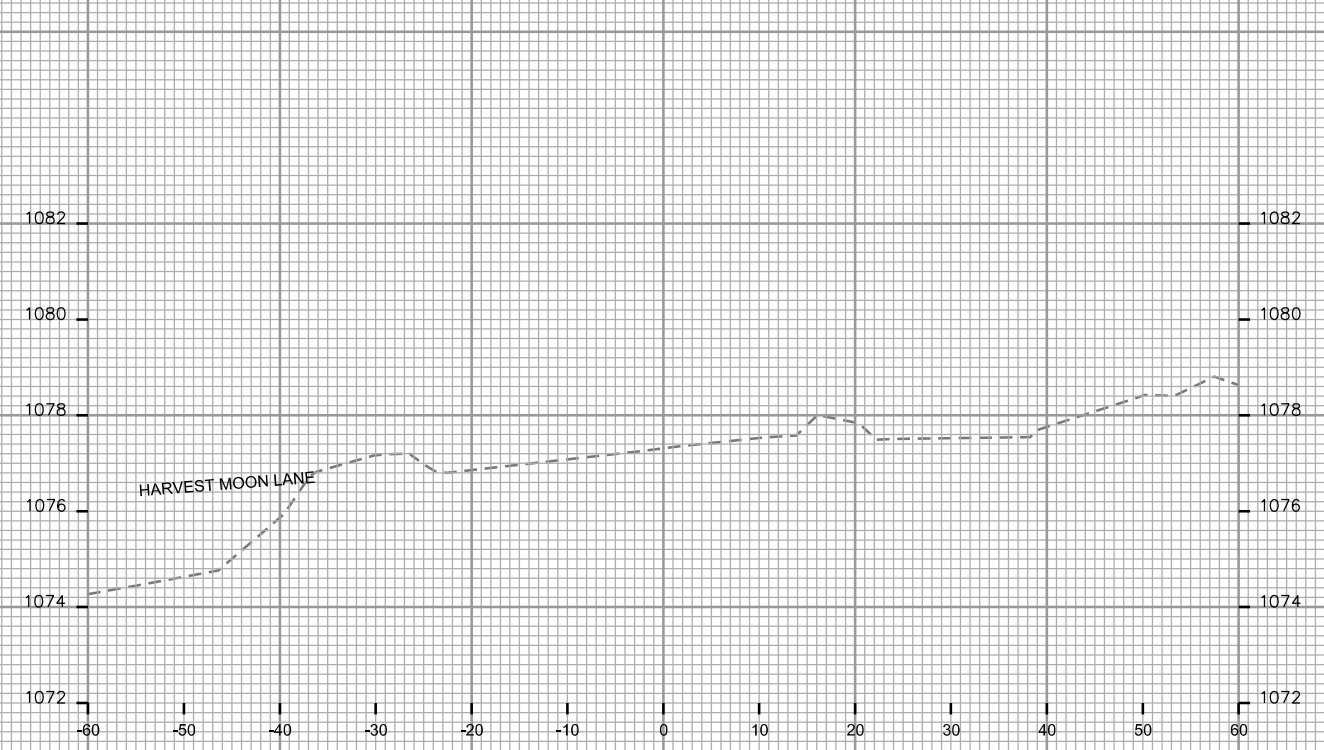


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

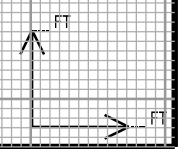
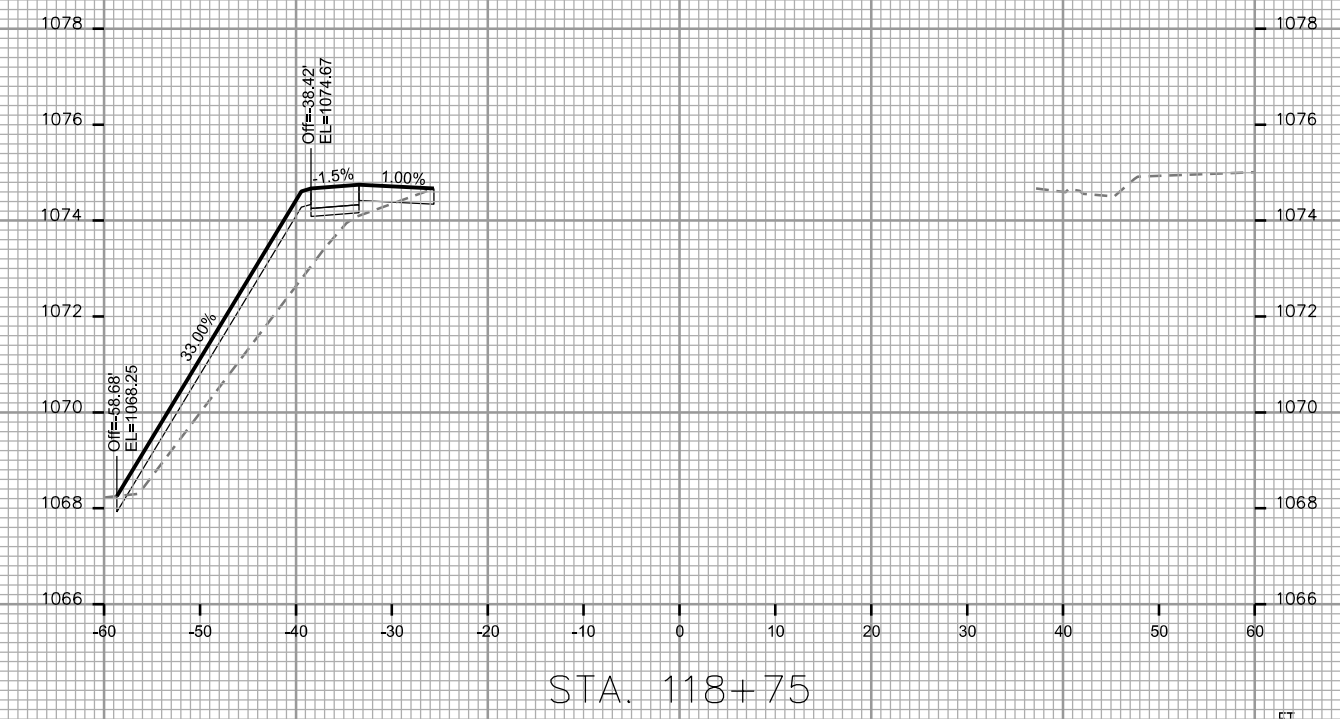
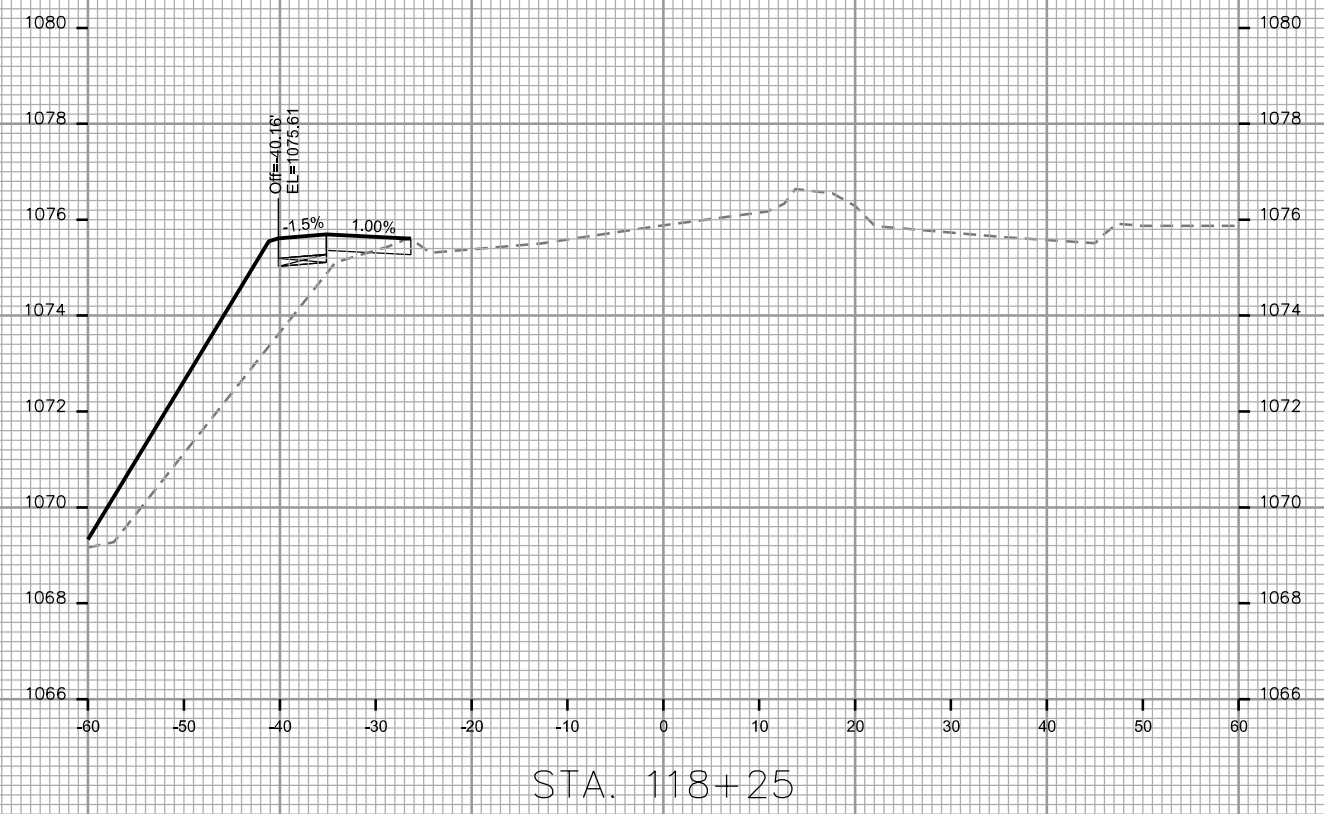
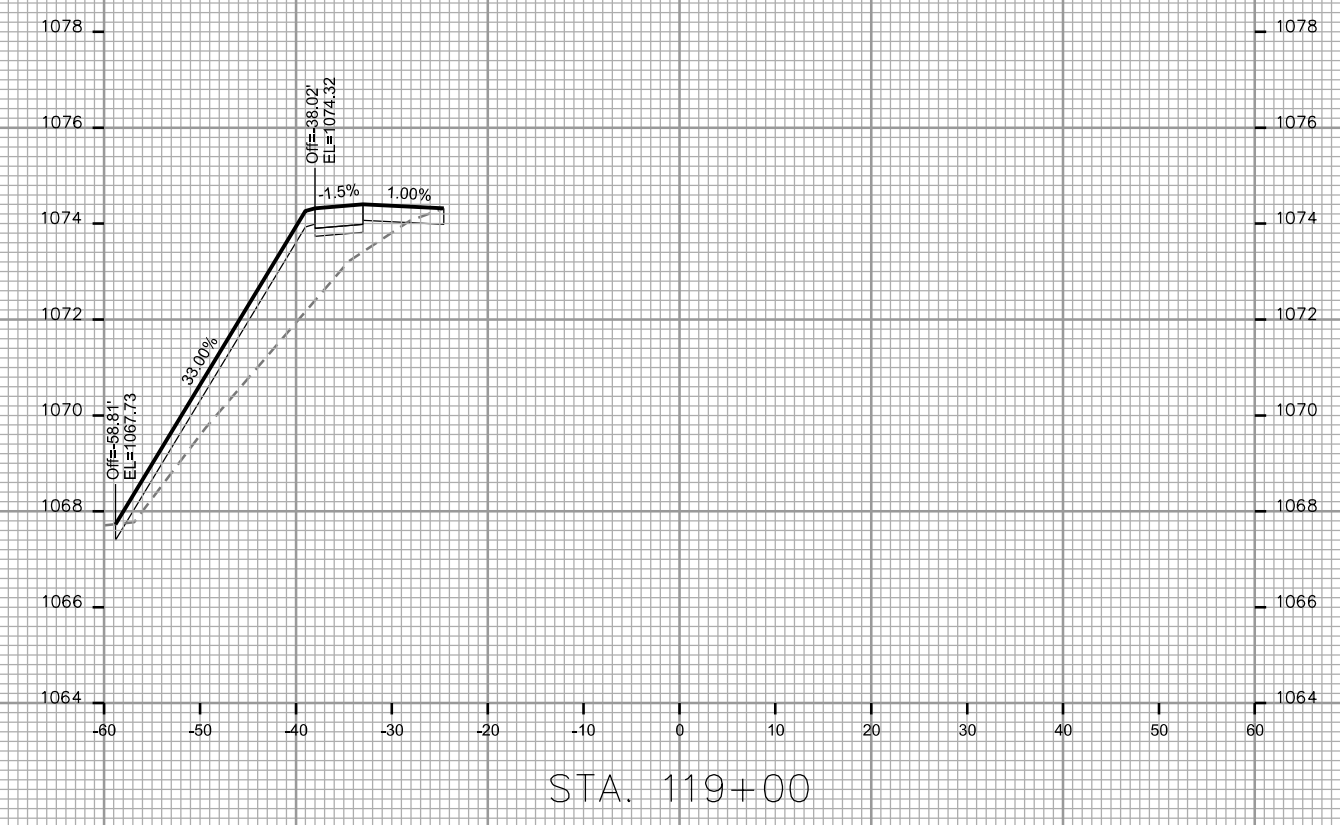
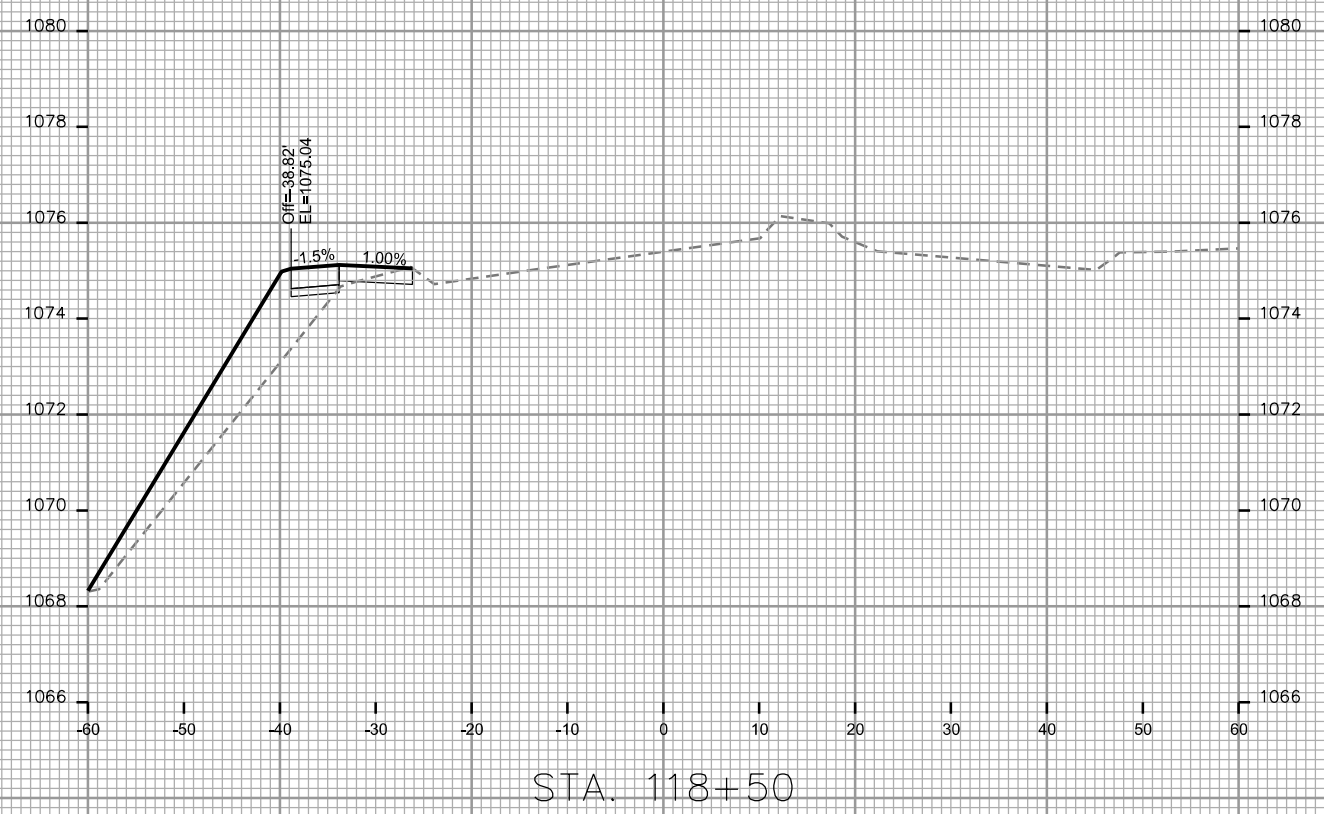
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



PLOT SCALE: _____
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

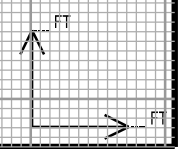
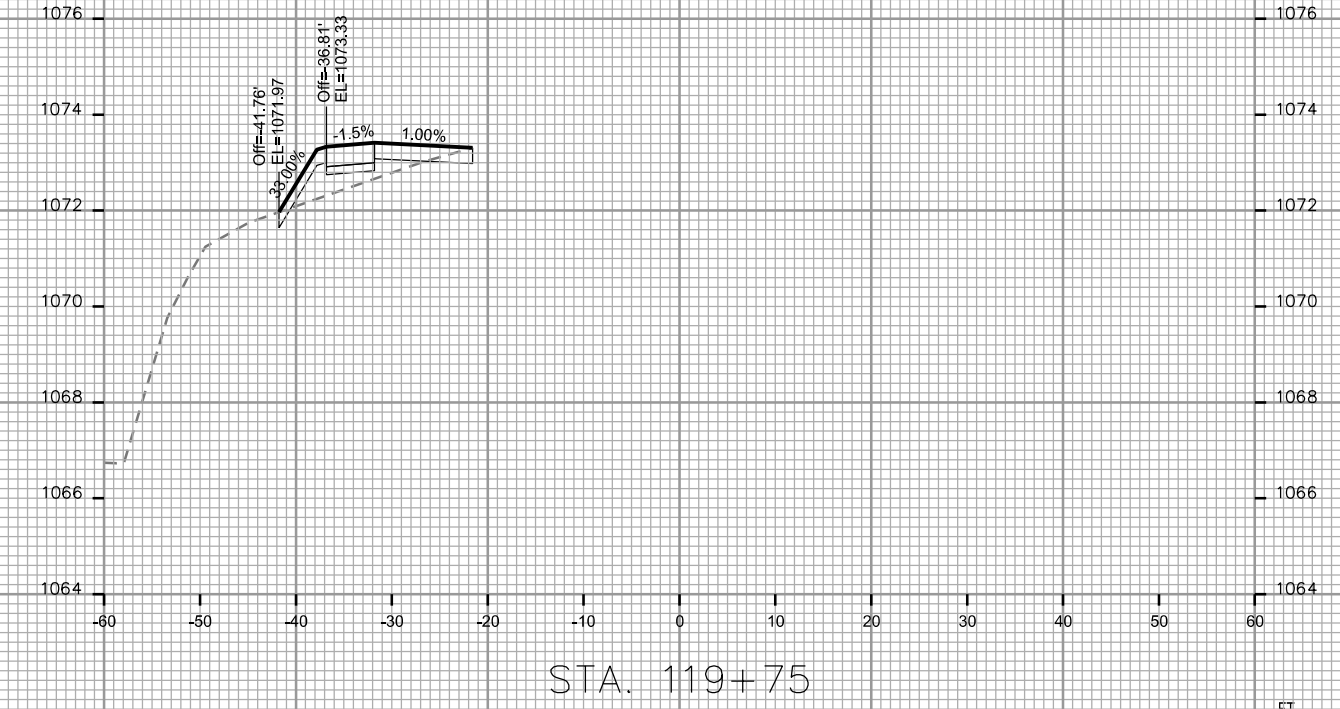
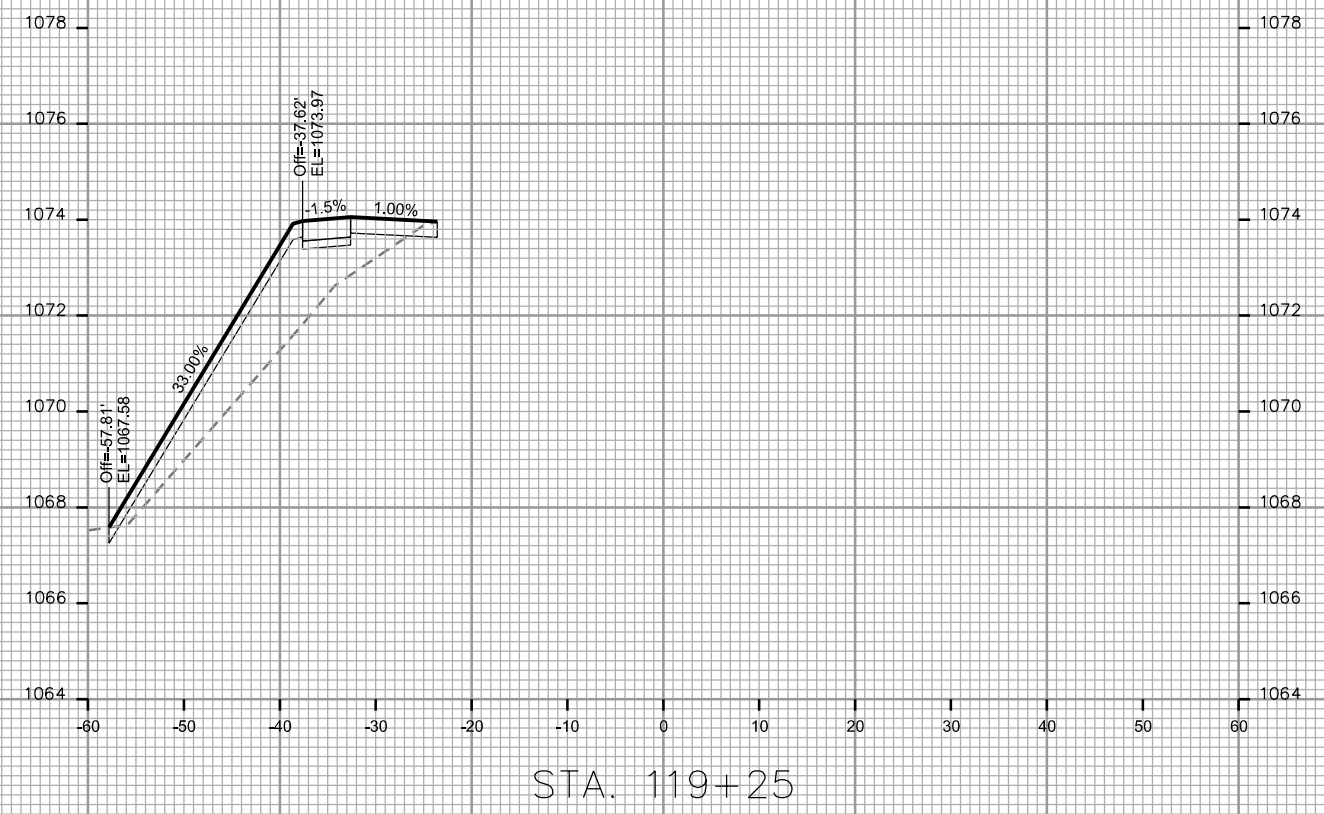
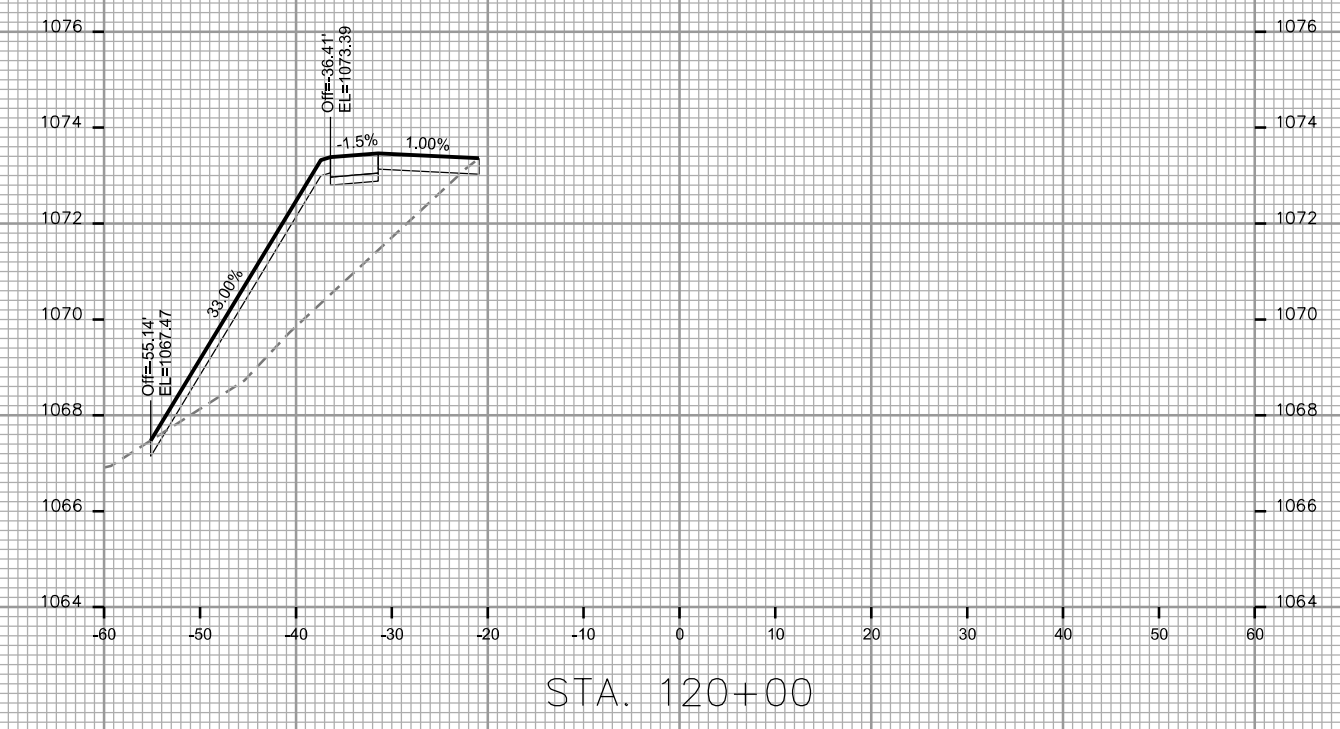
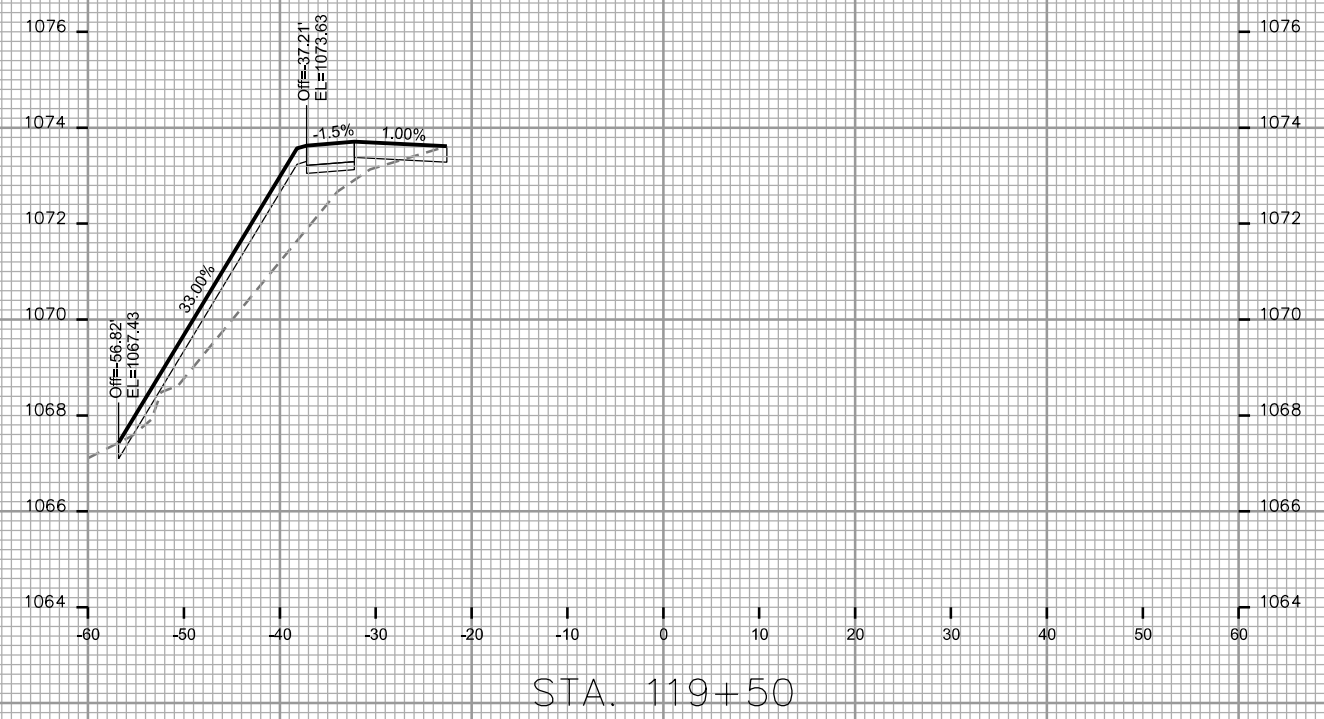


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



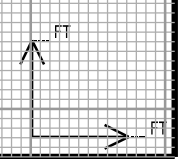
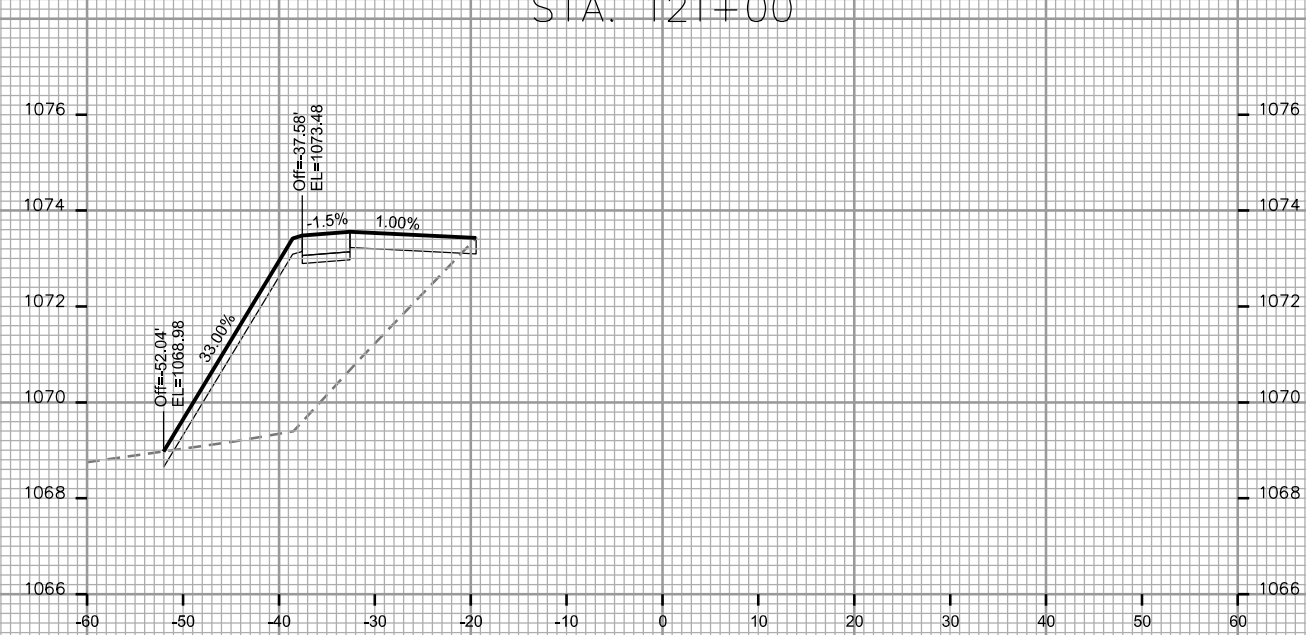
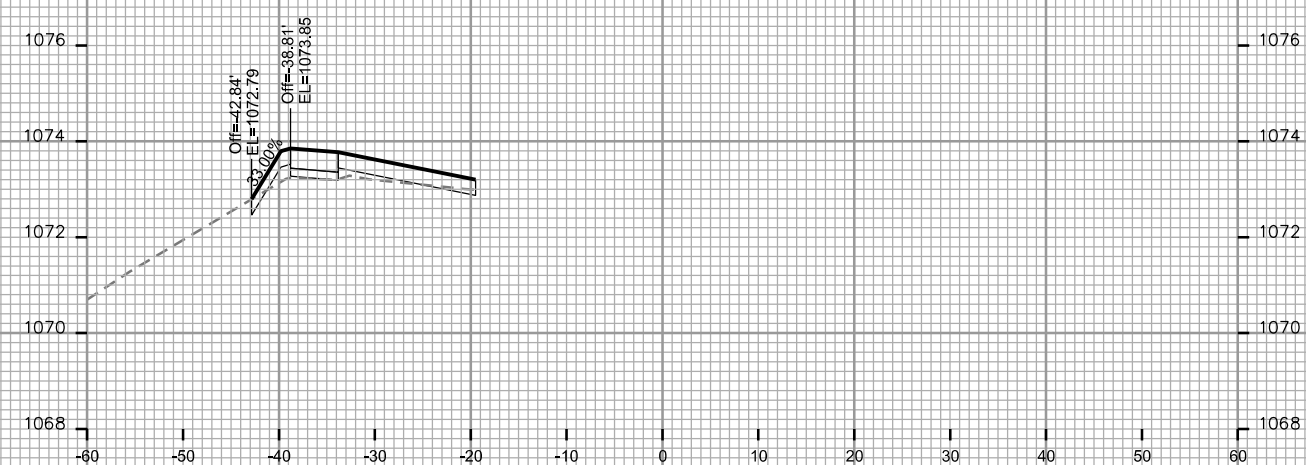
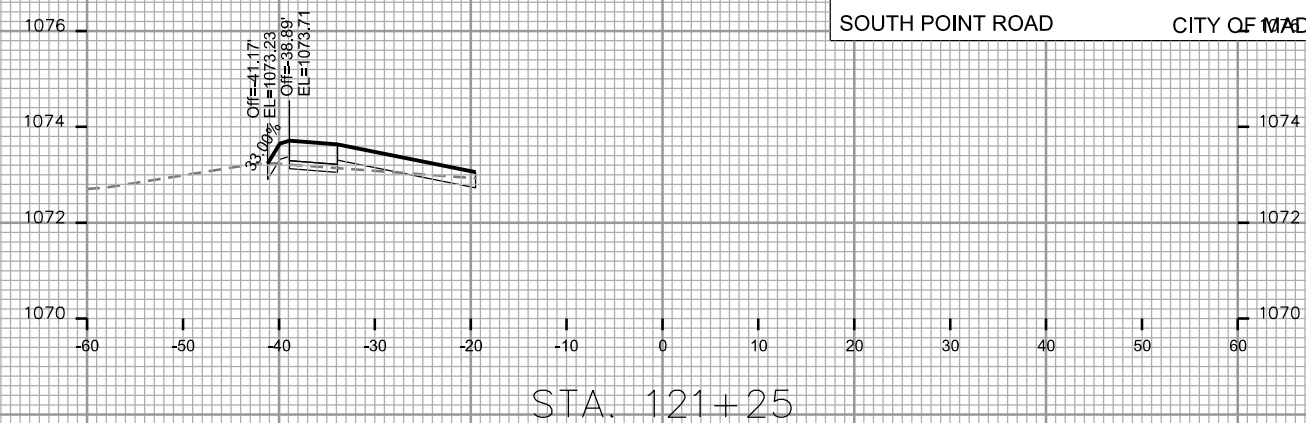
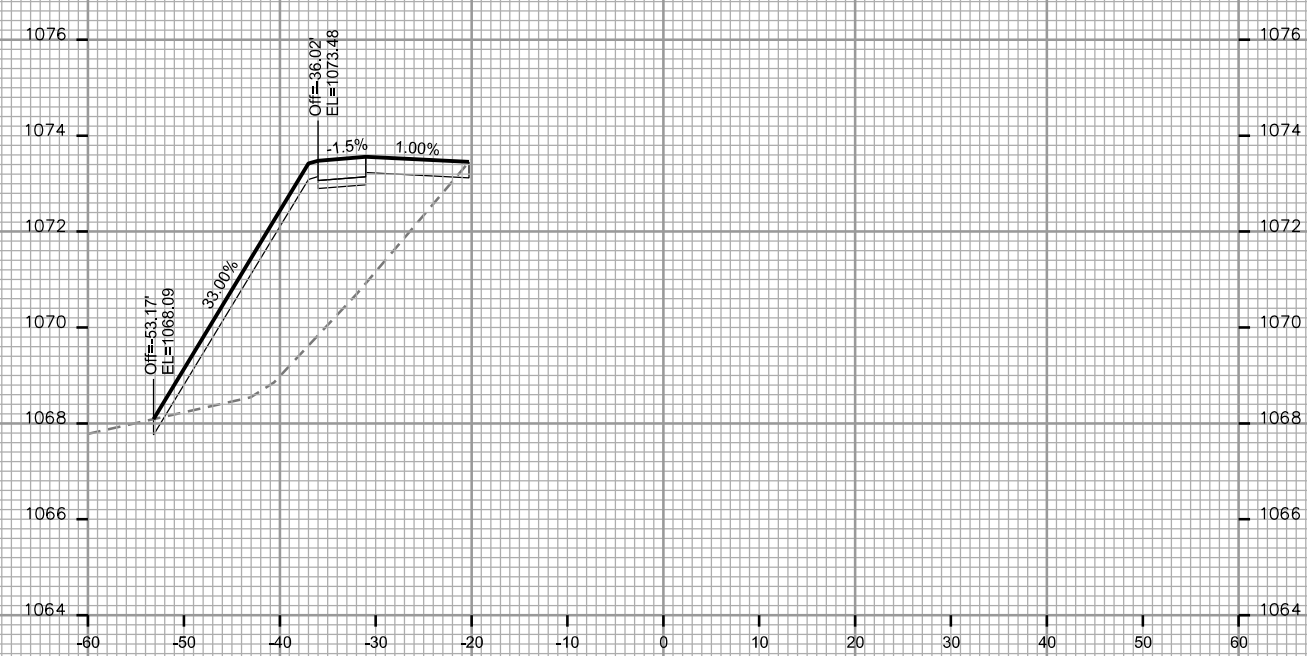
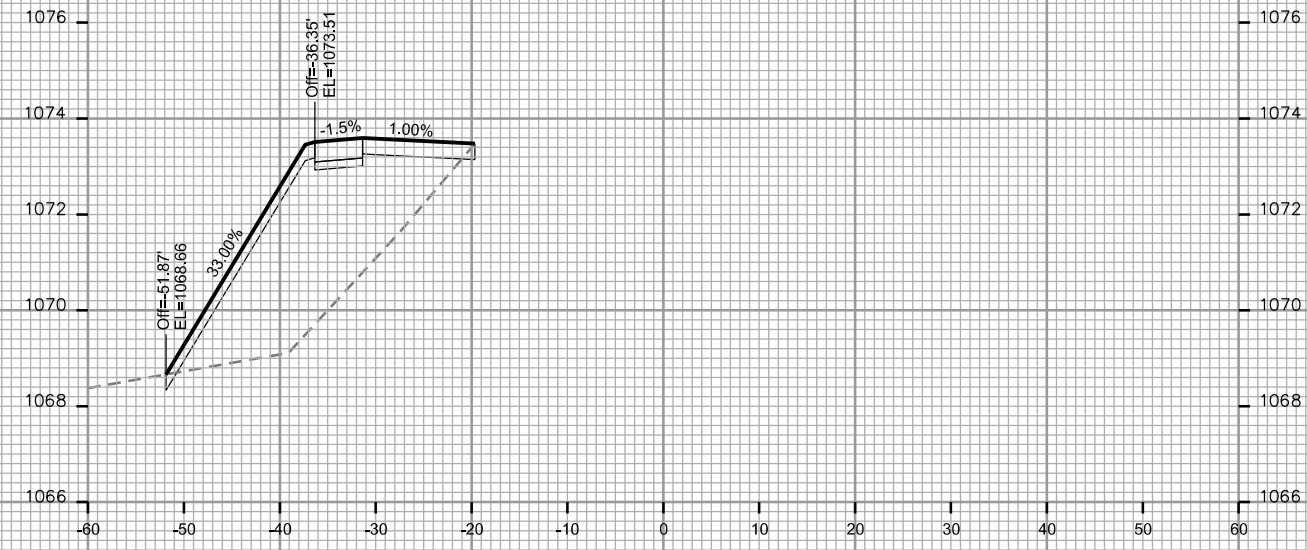
CROSS SECTIONS
SOUTH POINT ROAD CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



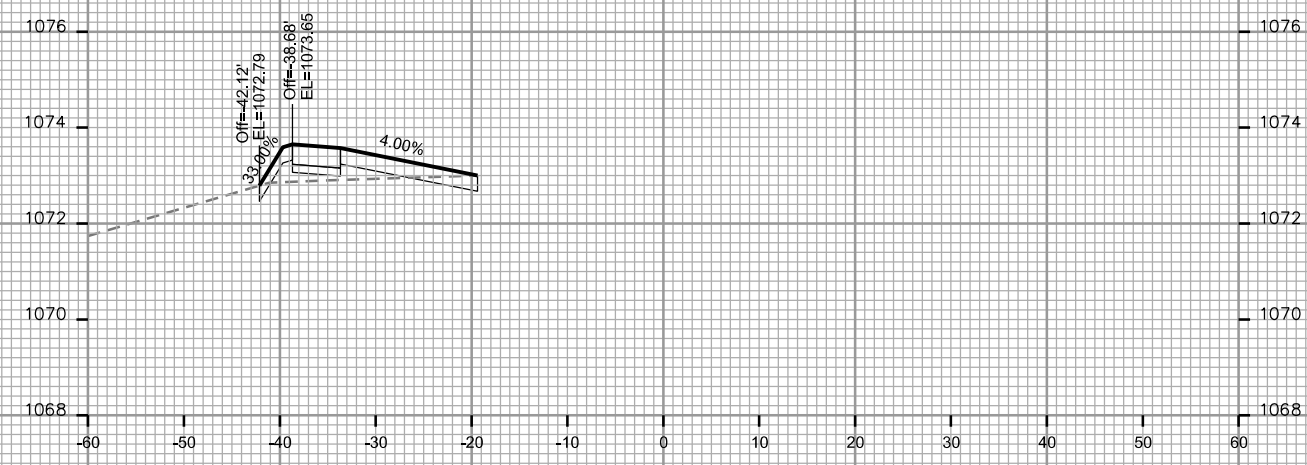
CROSS SECTIONS
SOUTH POINT ROAD CITY OF MADISON

PLOT SCALE: _____

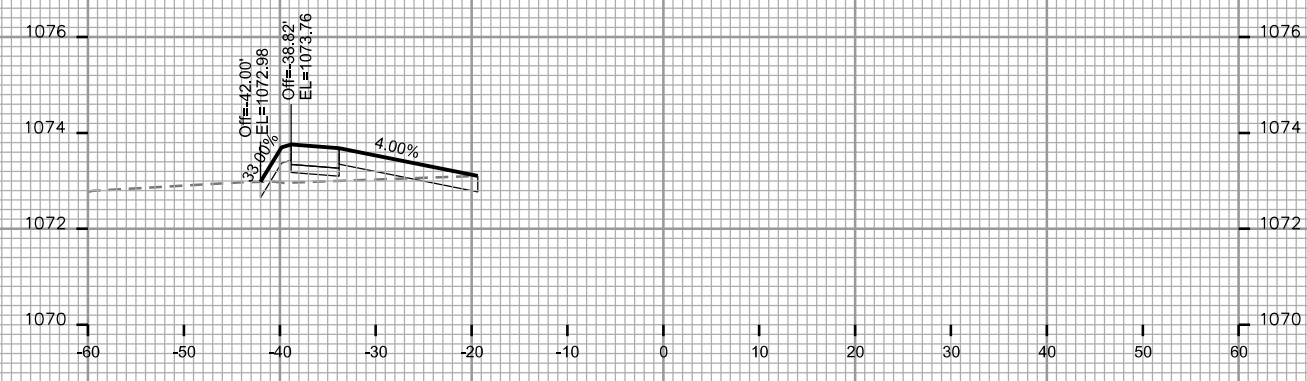
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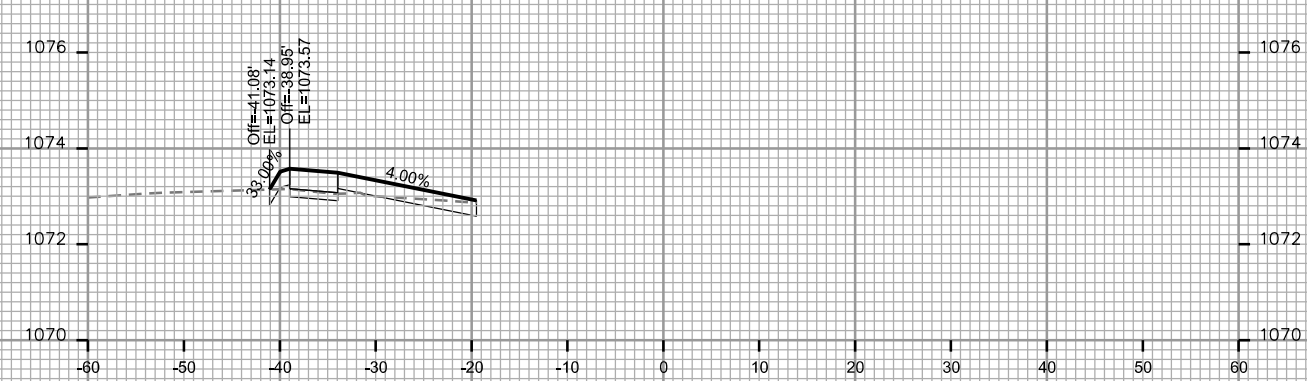
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



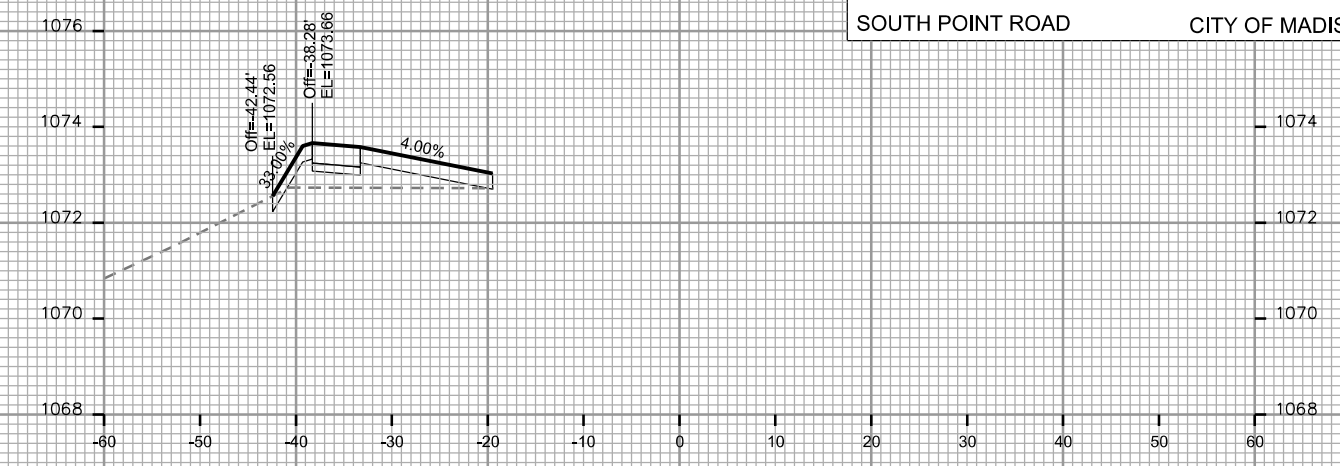
STA. 122+00



STA. 121+75



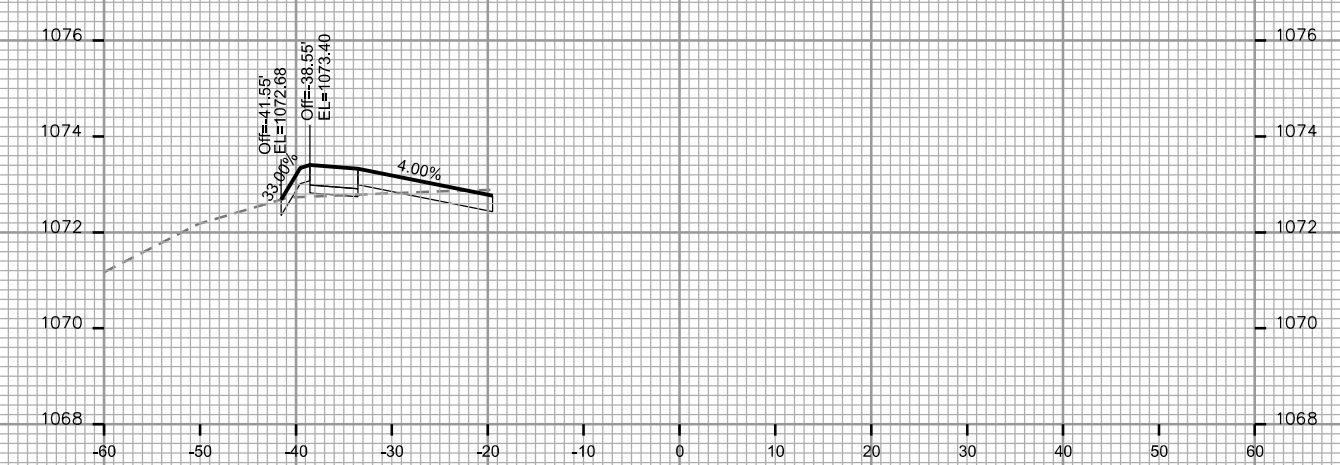
STA. 121+50



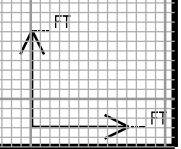
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STA. 122+50



STA. 122+25



CROSS SECTIONS

SOUTH POINT ROAD

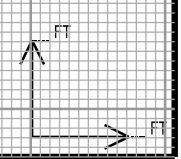
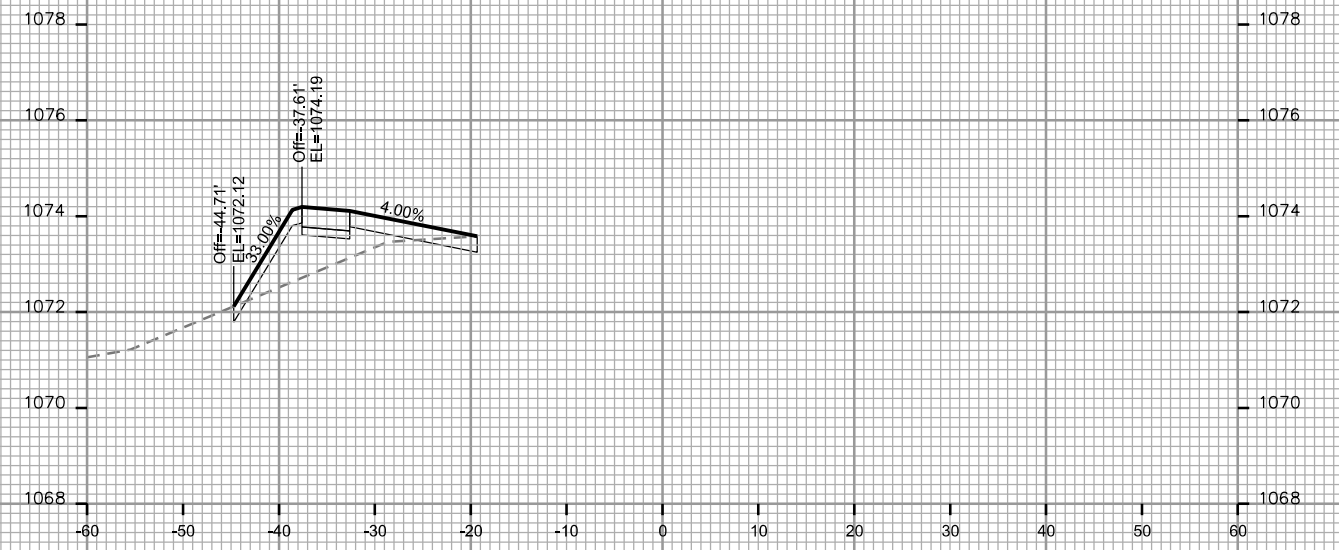
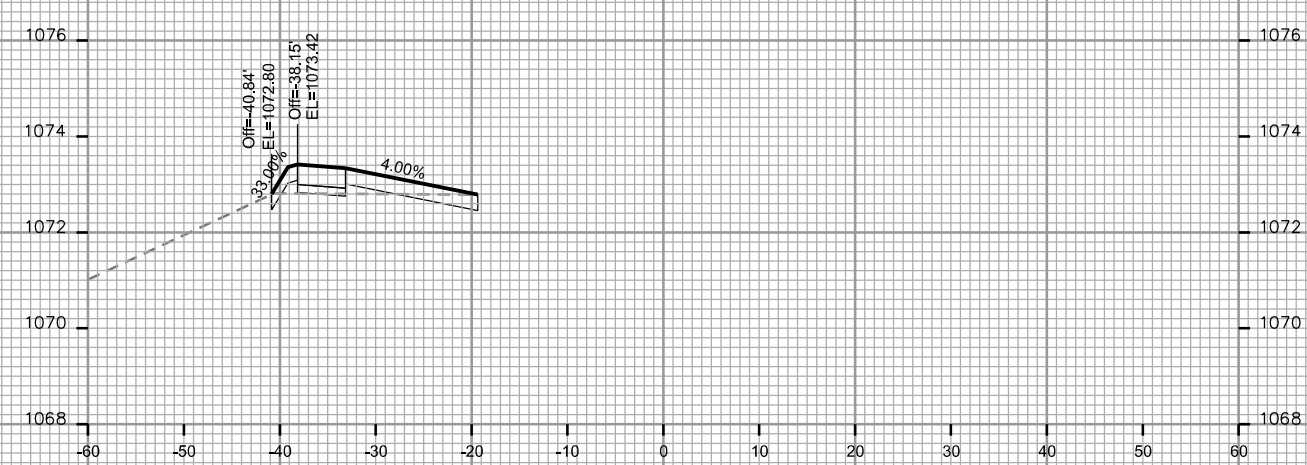
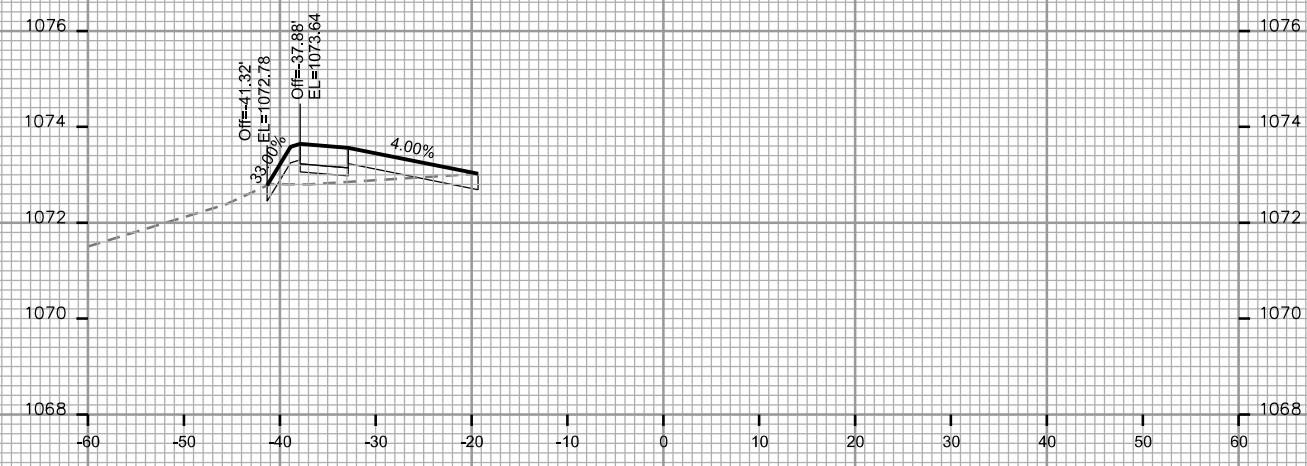
CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

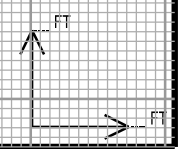
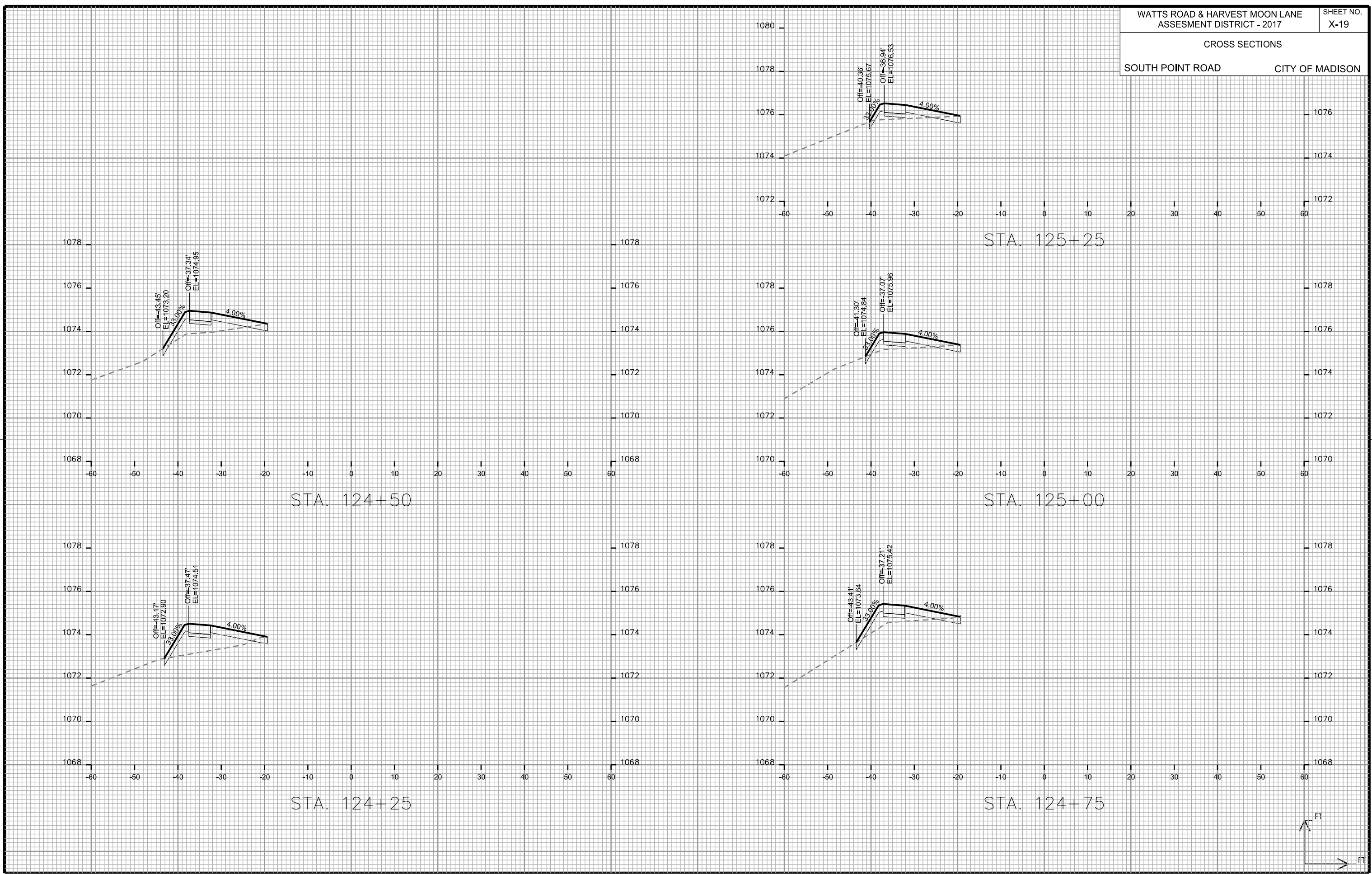


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

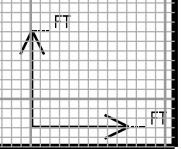
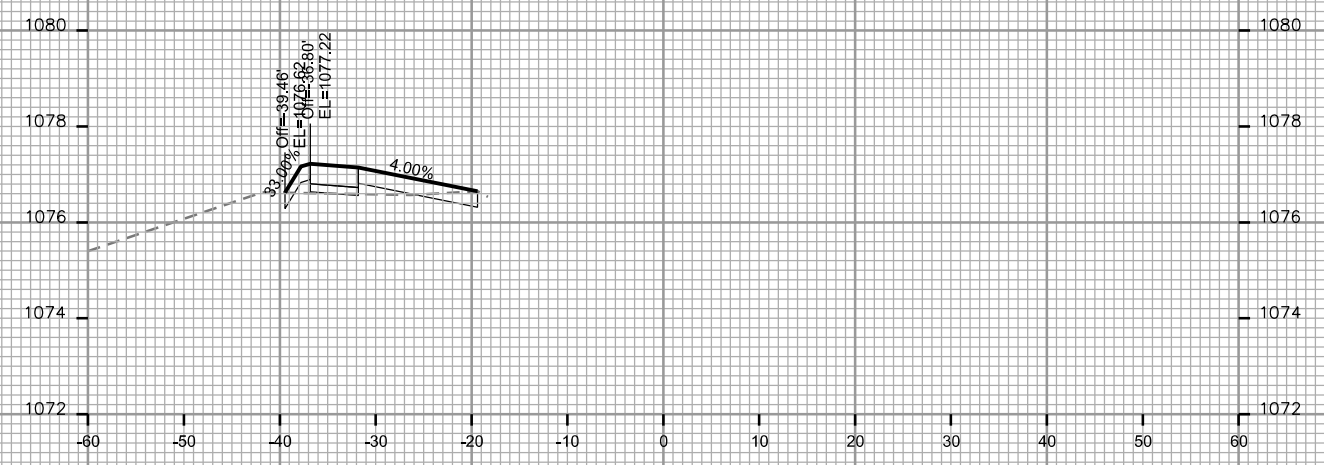
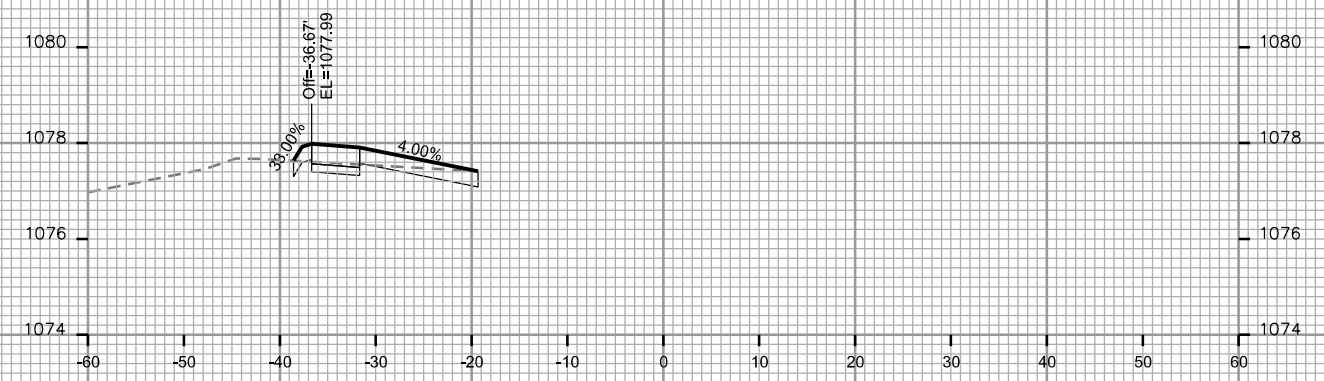
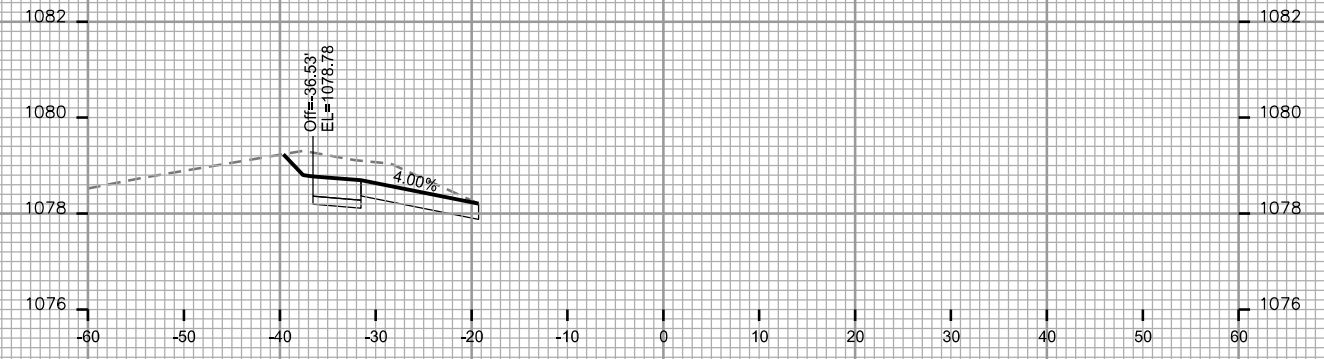


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

WATTS ROAD CITY OF MADISON

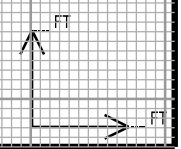
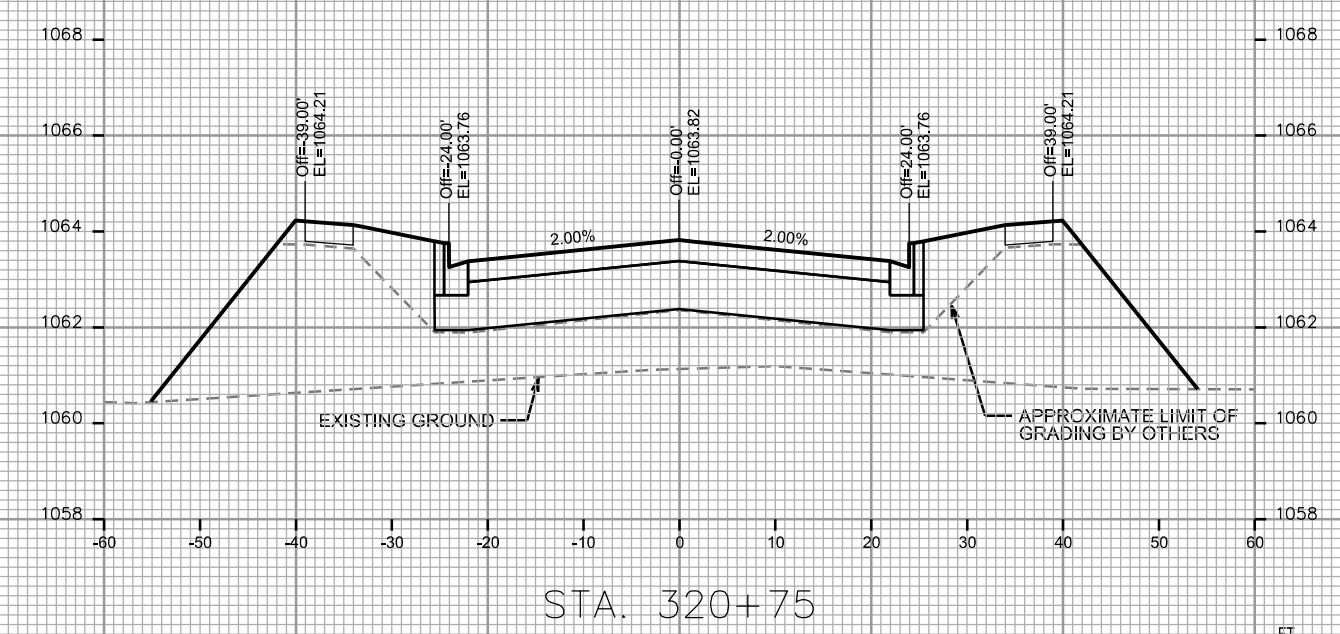
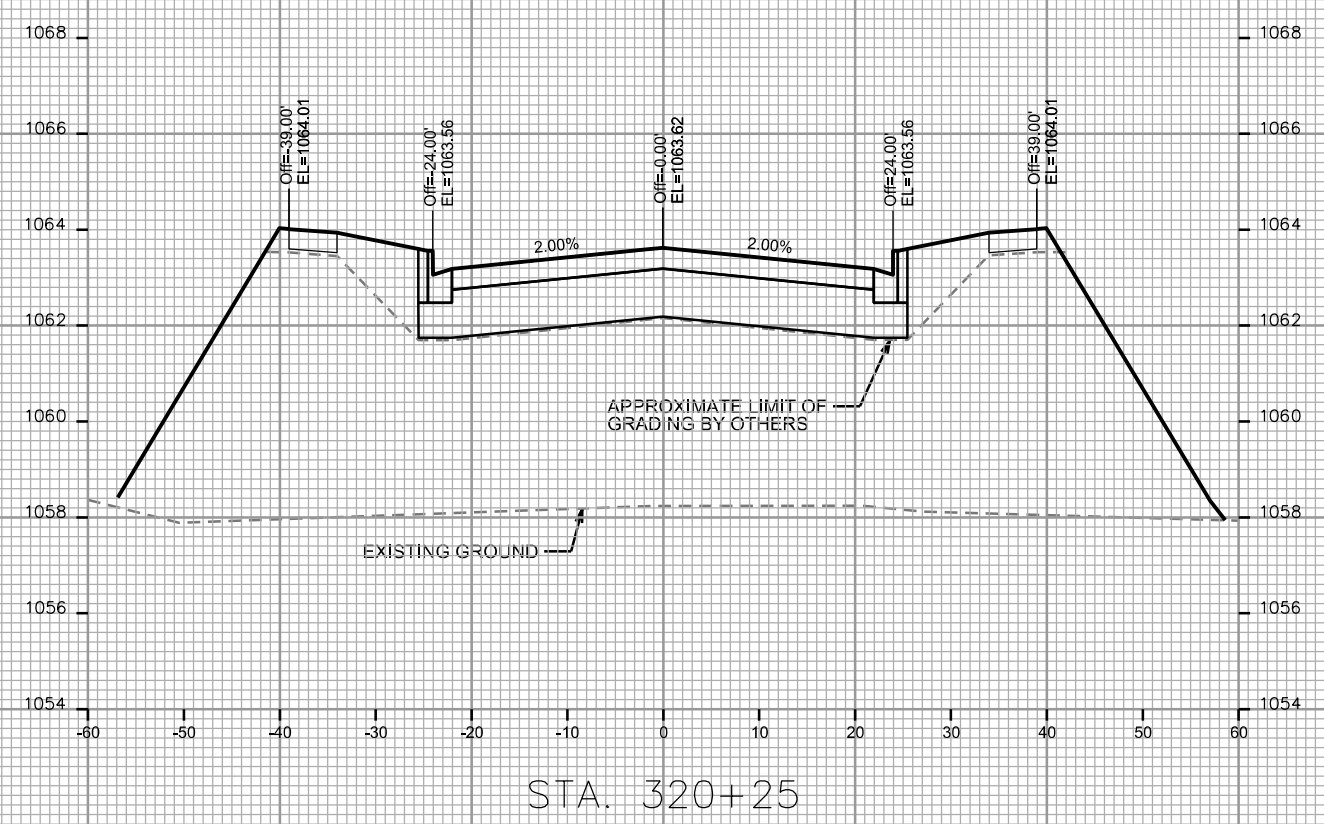
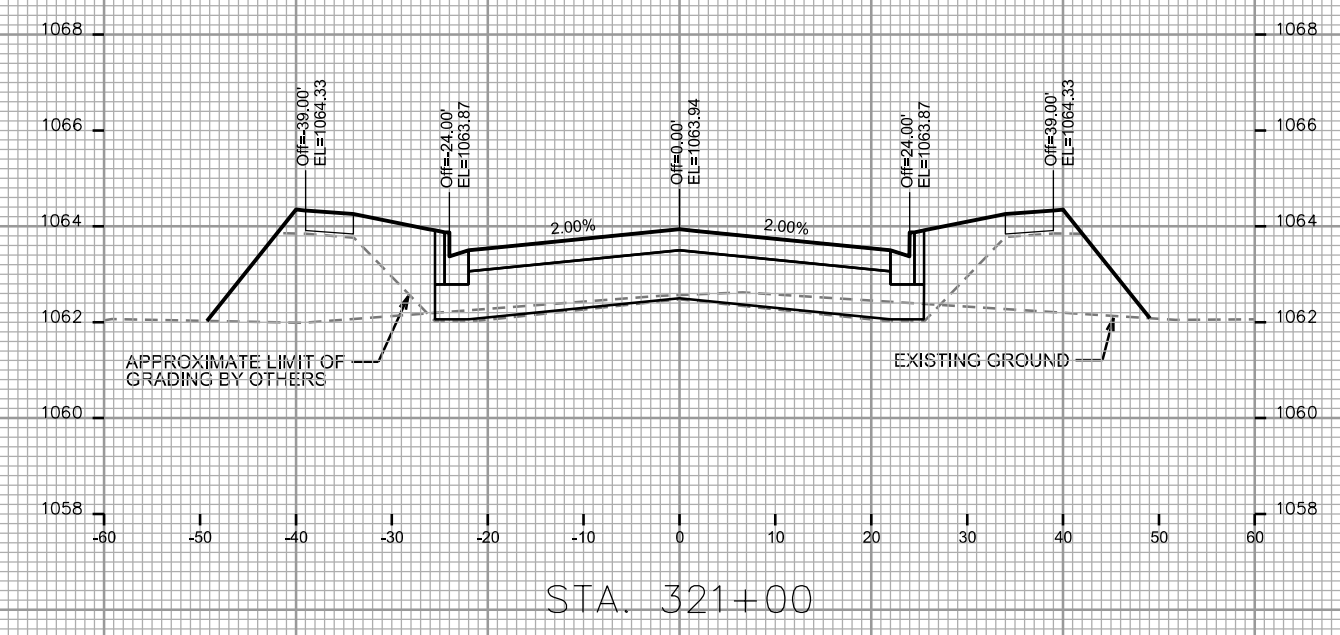
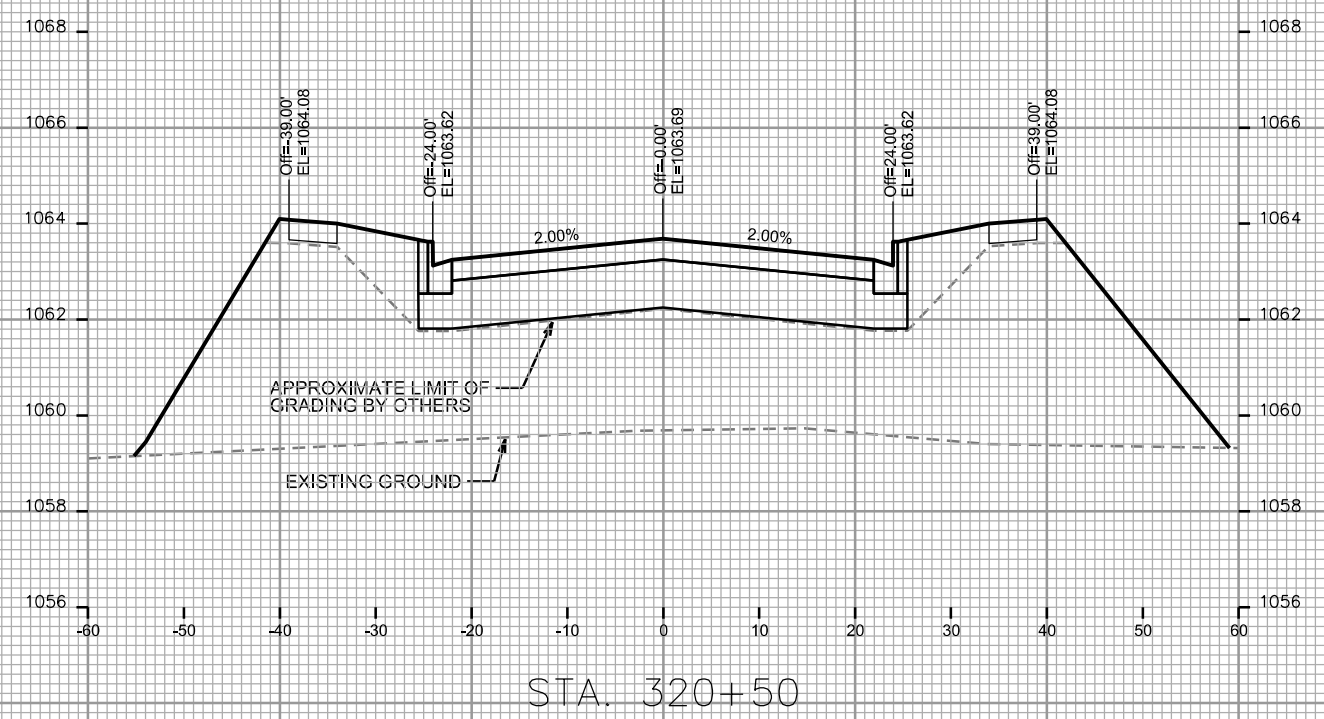
NOTE: WATTS ROAD TO BE GRADED TO SUBGRADE ELEVATION BY OTHERS. EXCAVATION & FILL QUANTITIES WILL BE CALCULATED AFTER COMPLETION OF GRADING BY OTHERS. TYP FOR WATTS ROAD RIGHT OF WAY.

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

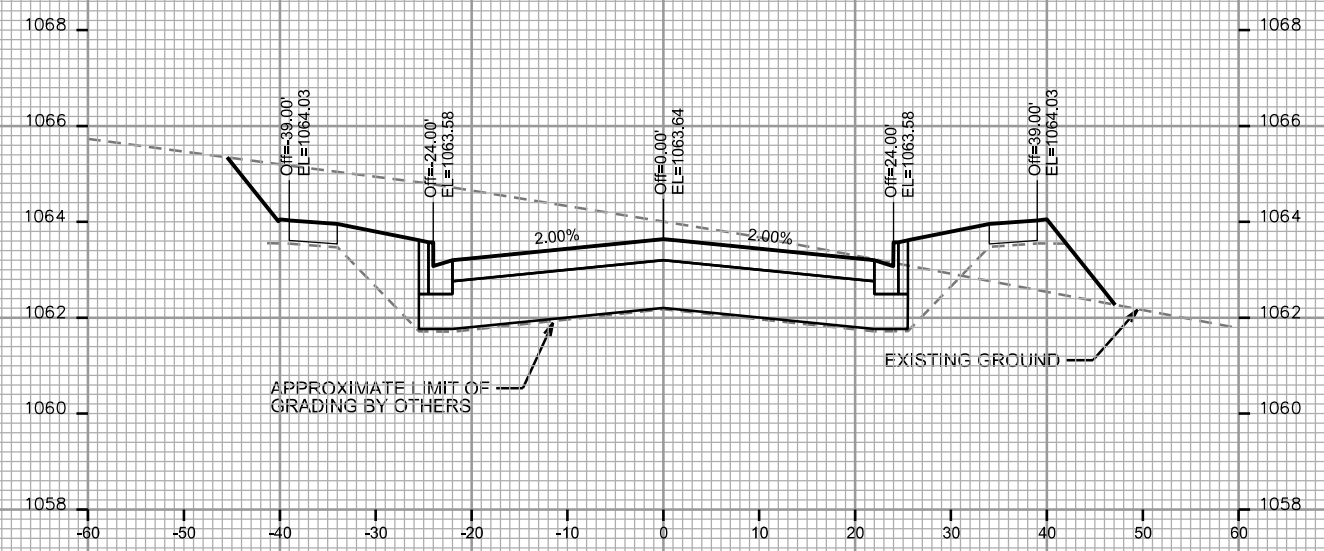
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



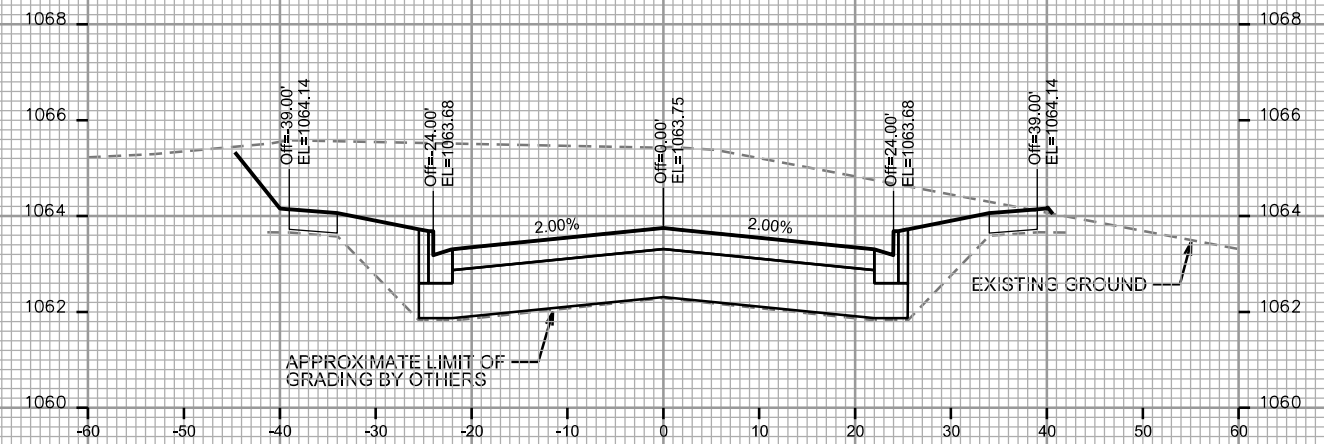
CROSS SECTIONS

WATTS ROAD CITY OF MADISON

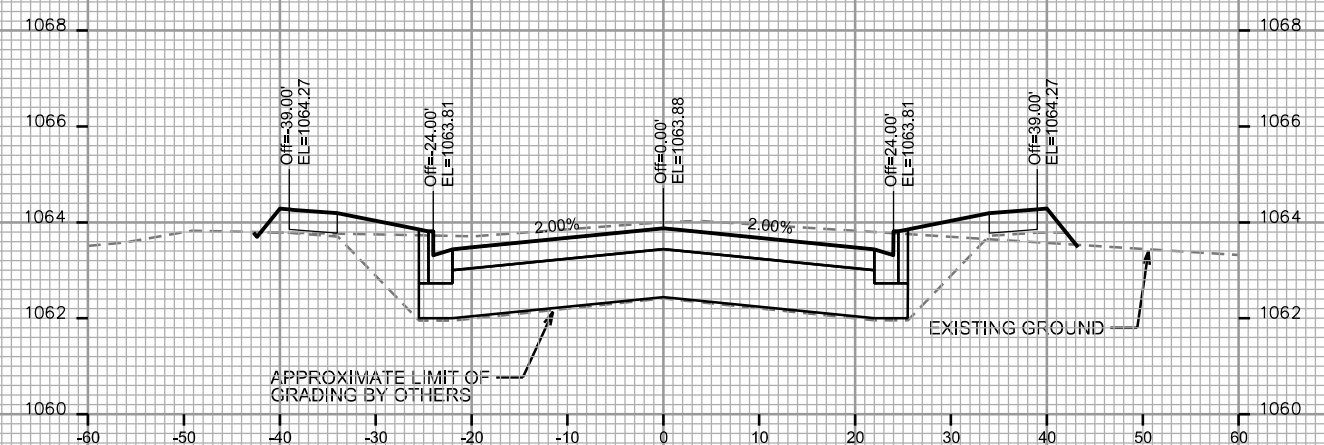
NOTE: WATTS ROAD TO BE GRADED TO SUBGRADE ELEVATION BY OTHERS. EXCAVATION & FILL QUANTITIES WILL BE CALCULATED AFTER COMPLETION OF GRADING BY OTHERS. TYP FOR WATTS ROAD RIGHT OF WAY.



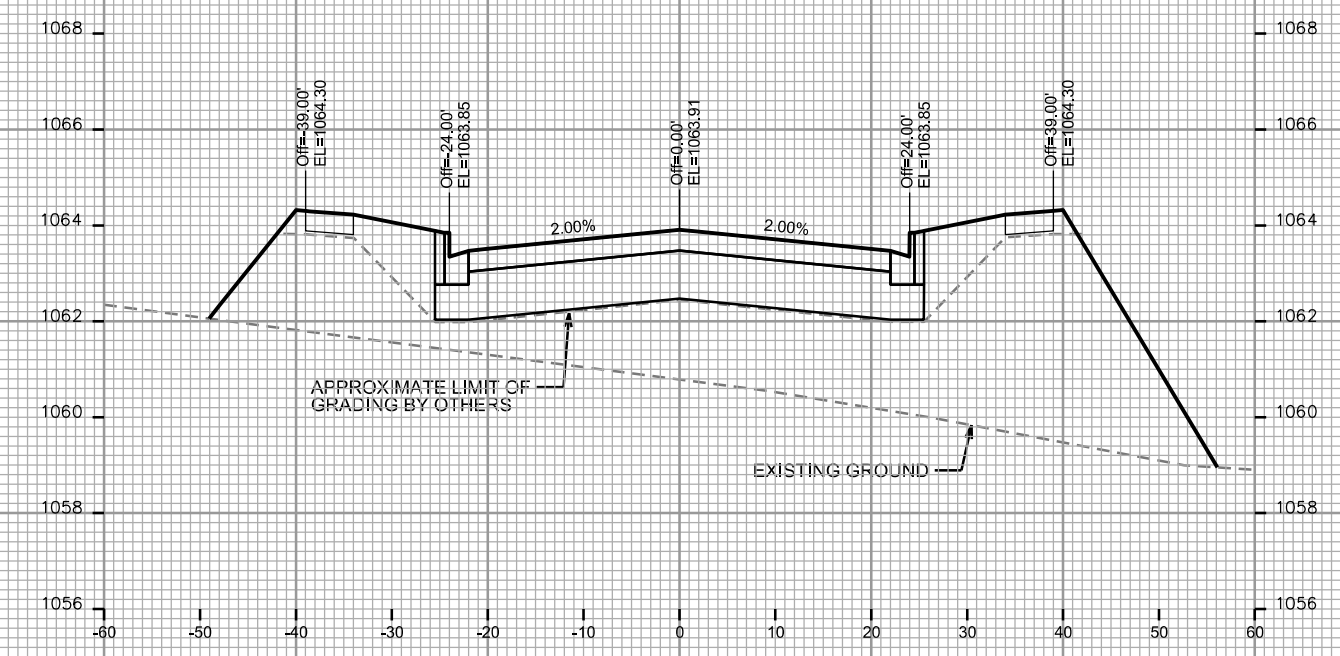
STA. 321+75



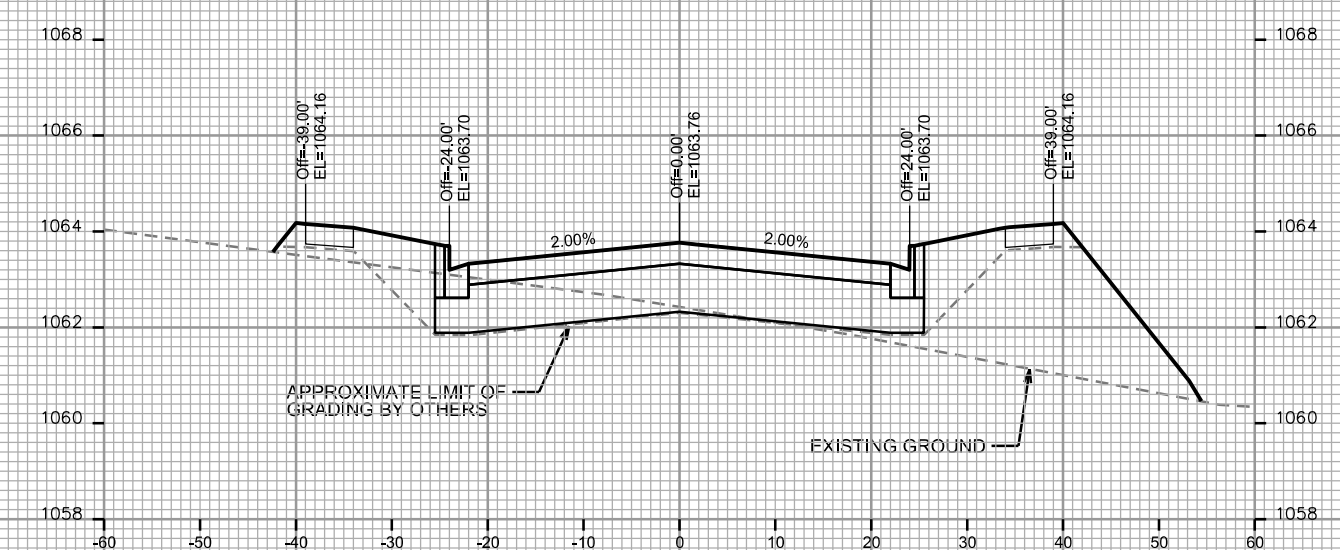
STA. 321+50



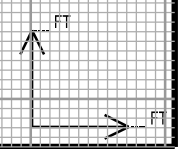
STA. 321+25



STA. 322+25



STA. 322+00



PLOT SCALE: _____

PLOT NAME: _____

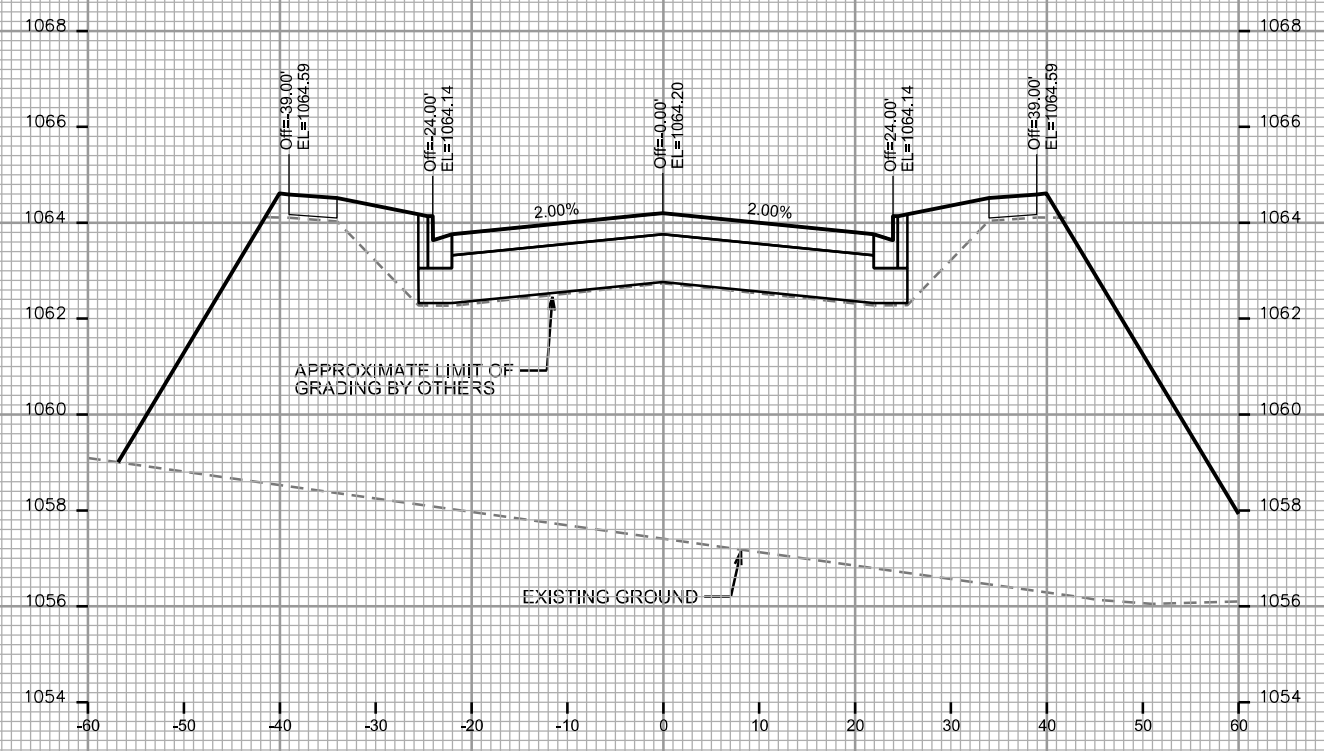
REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

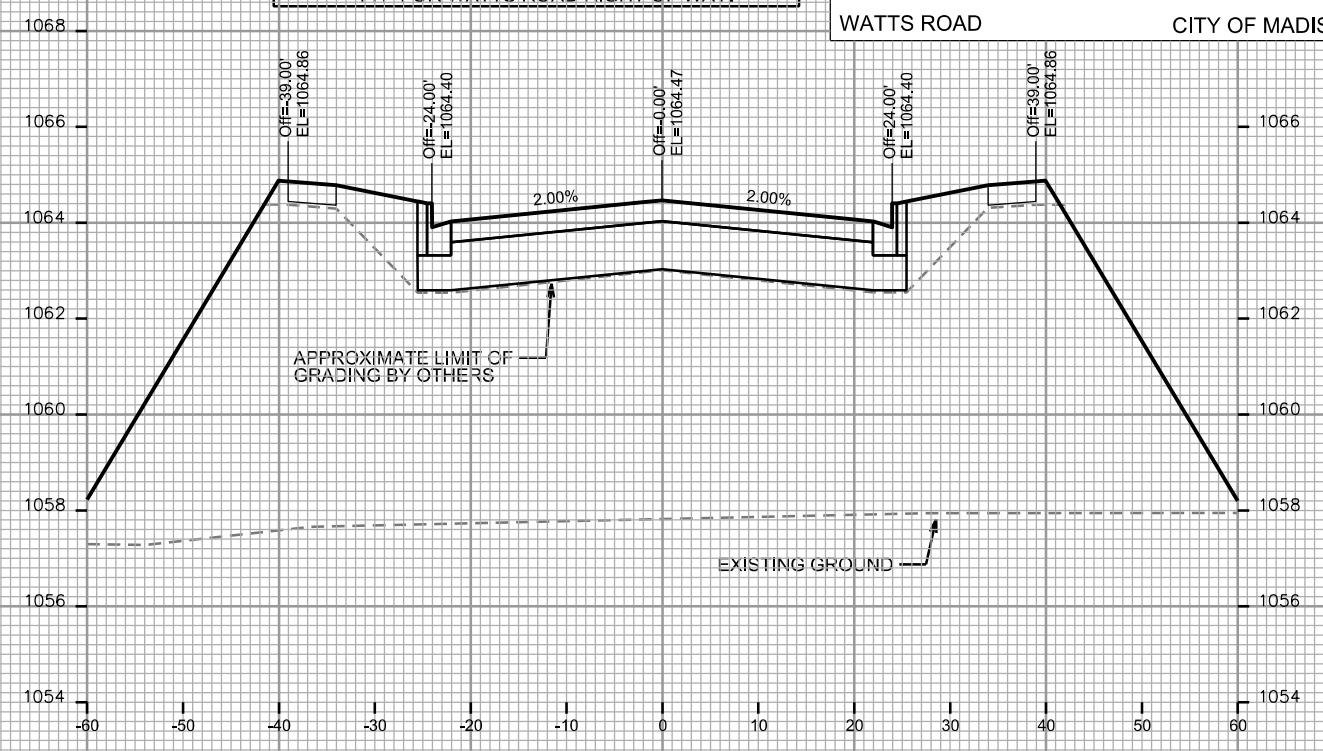
CROSS SECTIONS

WATTS ROAD CITY OF MADISON

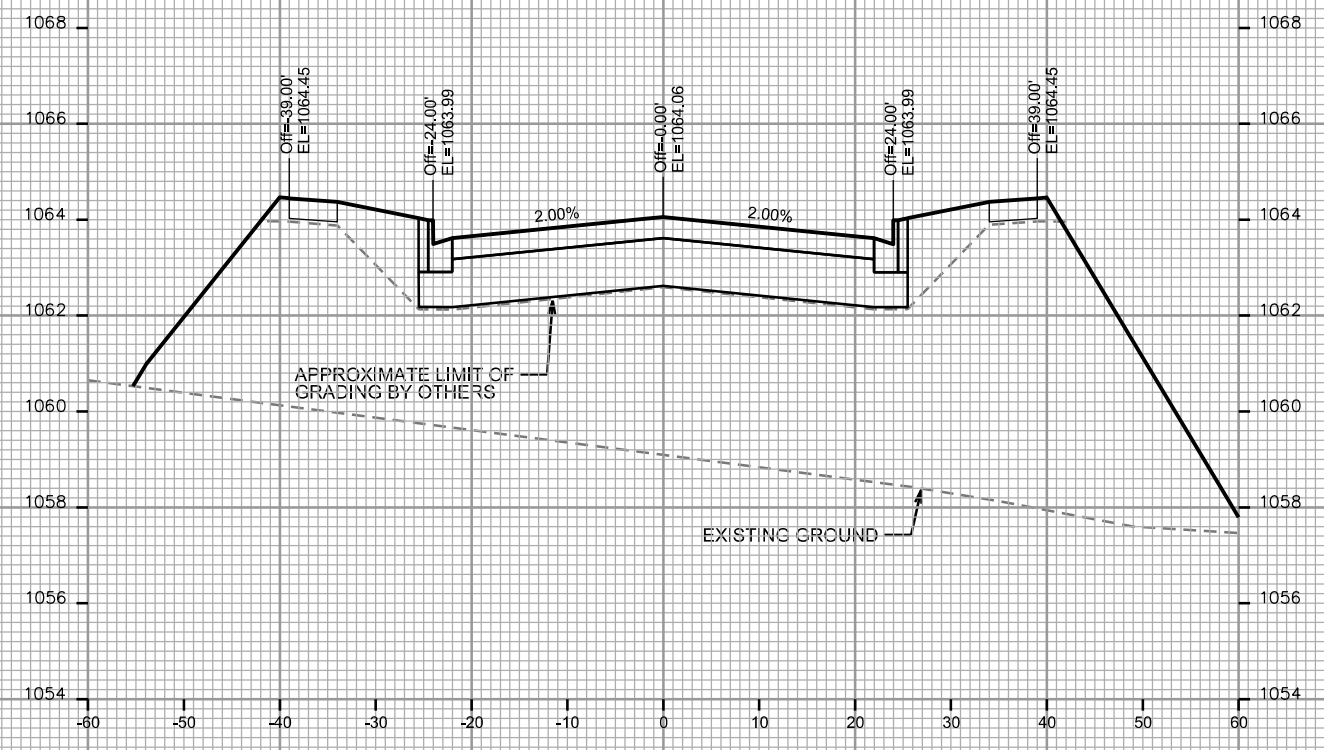
NOTE: WATTS ROAD TO BE GRADED TO SUBGRADE ELEVATION BY OTHERS. EXCAVATION & FILL QUANTITIES WILL BE CALCULATED AFTER COMPLETION OF GRADING BY OTHERS. TYP FOR WATTS ROAD RIGHT OF WAY.



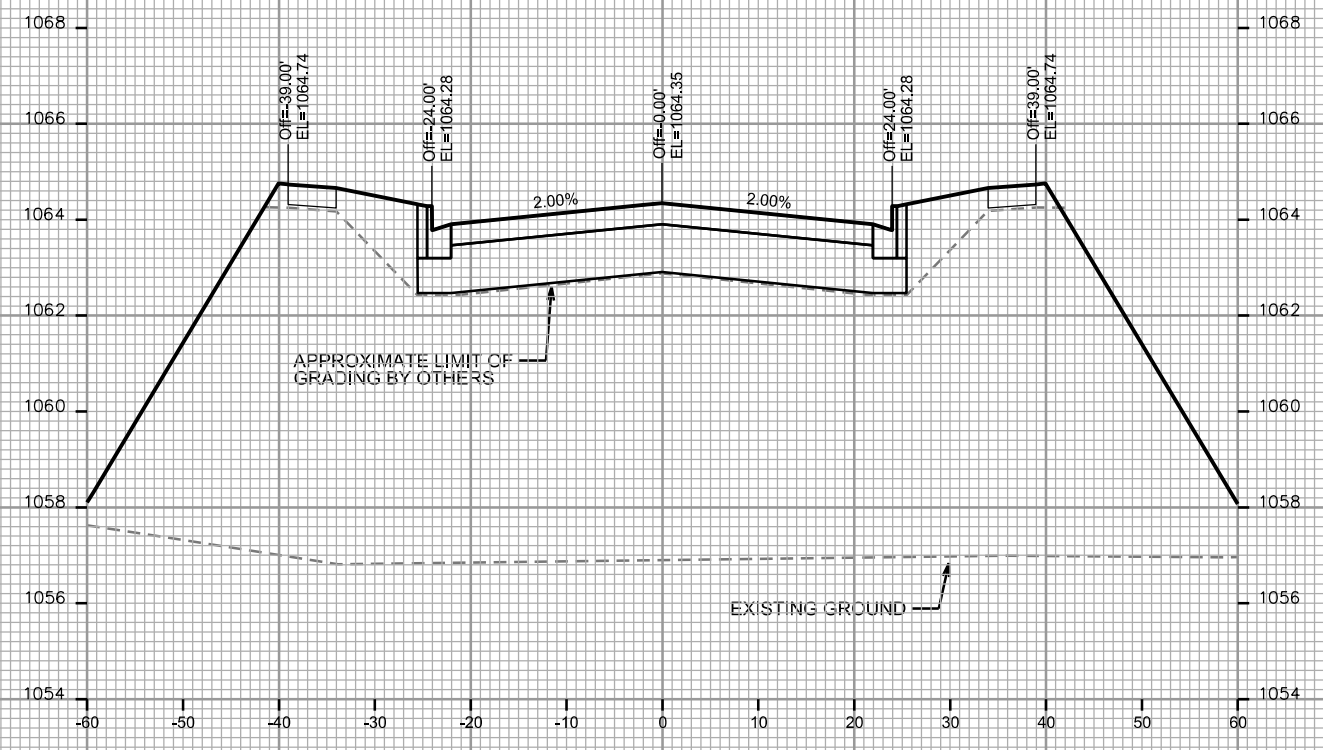
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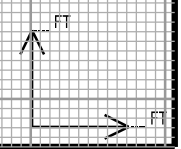
STA. 323+25



STA. 322+50



STA. 323+00



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CROSS SECTIONS

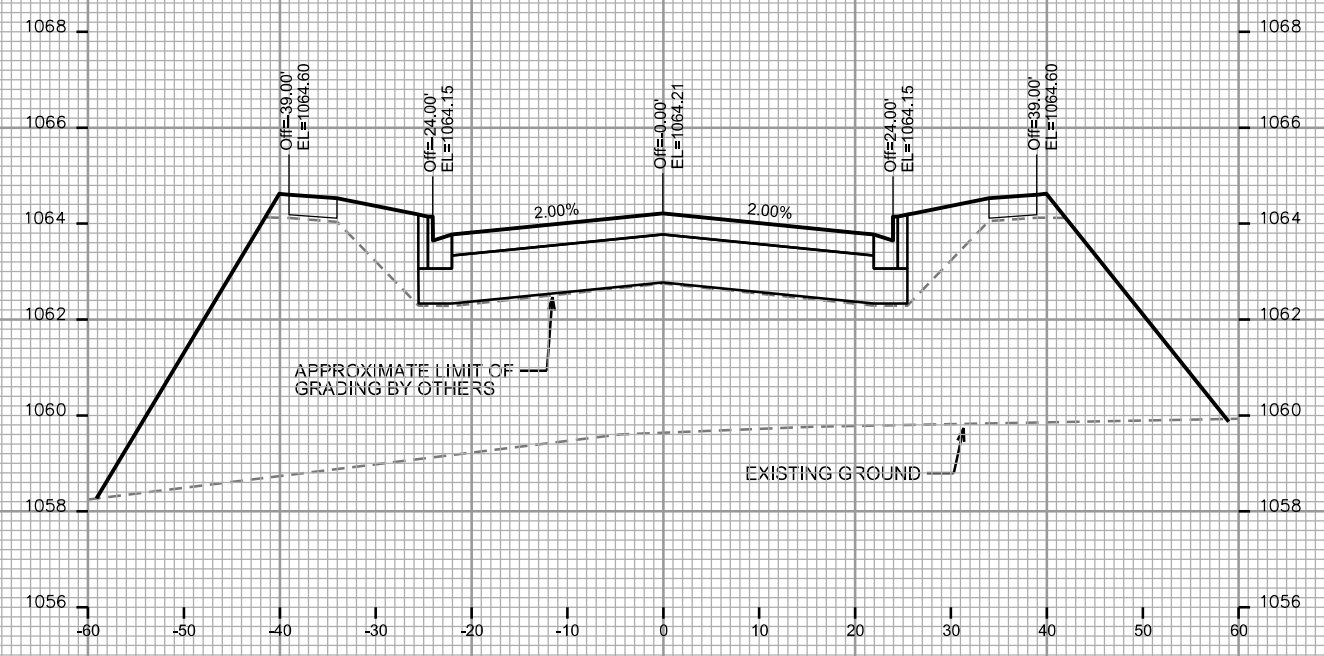
WATTS ROAD CITY OF MADISON

NOTE: WATTS ROAD TO BE GRADED TO SUBGRADE ELEVATION BY OTHERS. EXCAVATION & FILL QUANTITIES WILL BE CALCULATED AFTER COMPLETION OF GRADING BY OTHERS. TYP FOR WATTS ROAD RIGHT OF WAY.

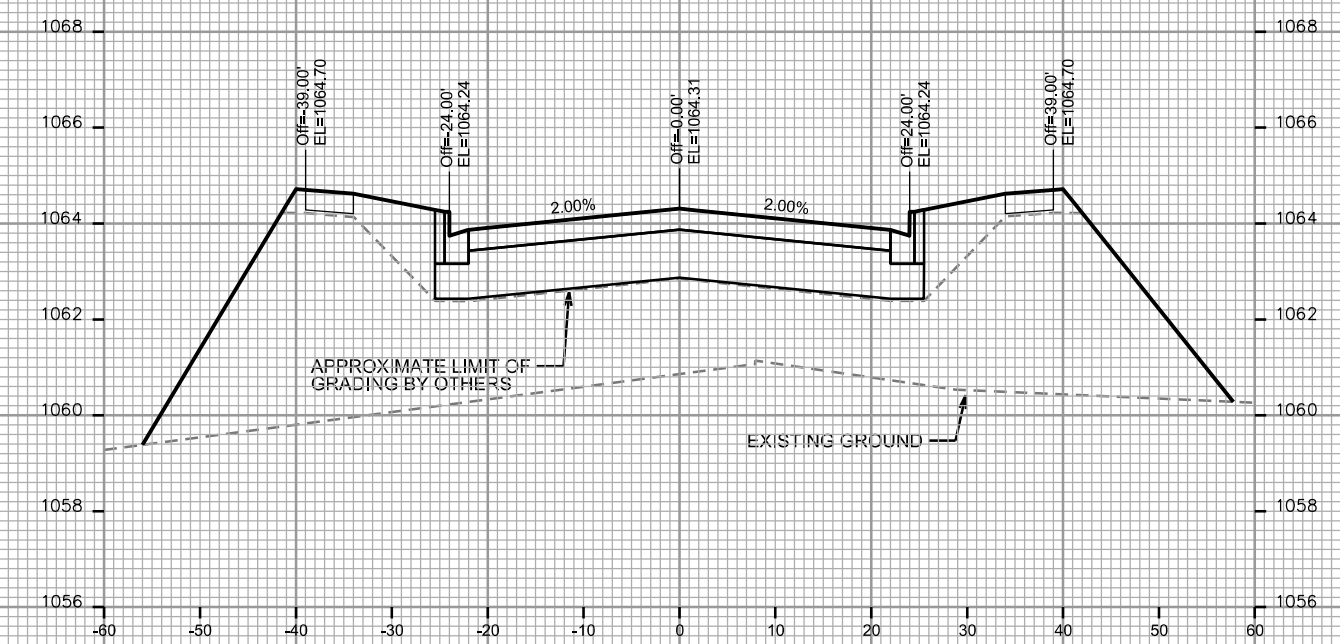
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PLOT NAME: _____

REV. DATE: _____

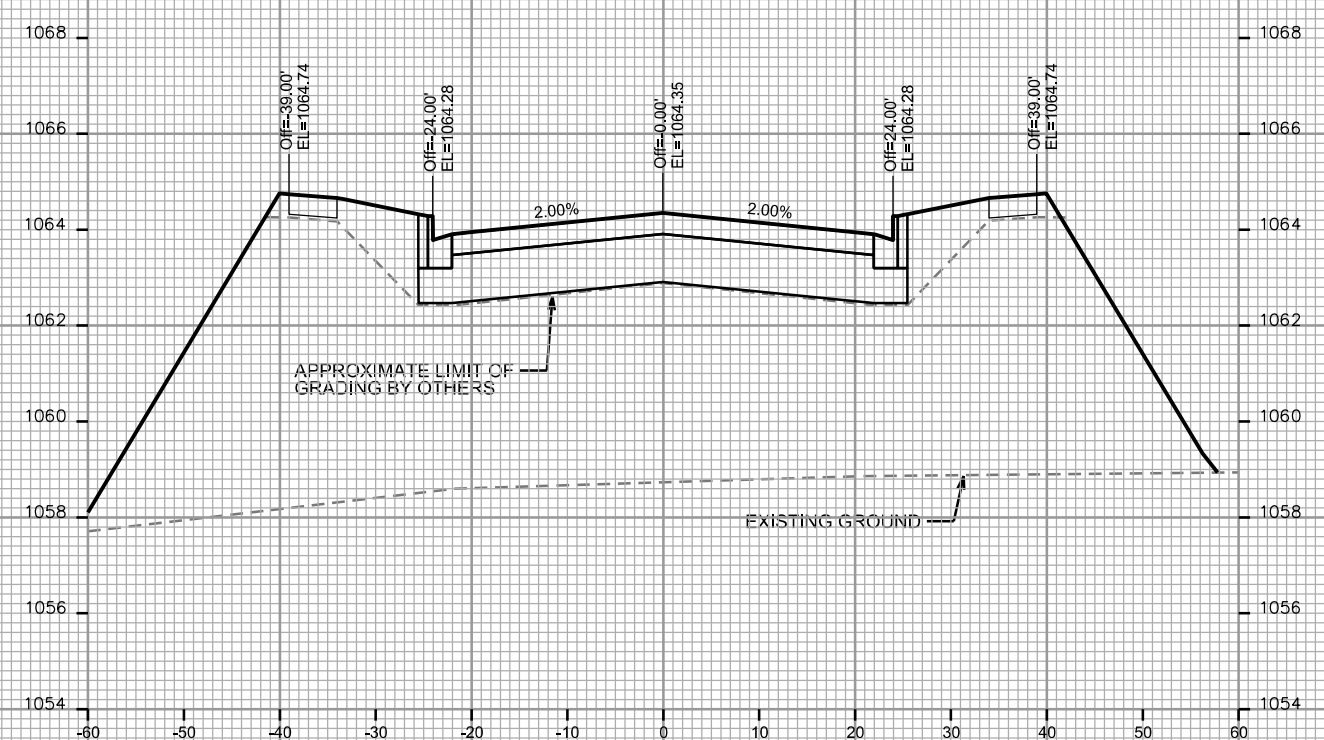
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



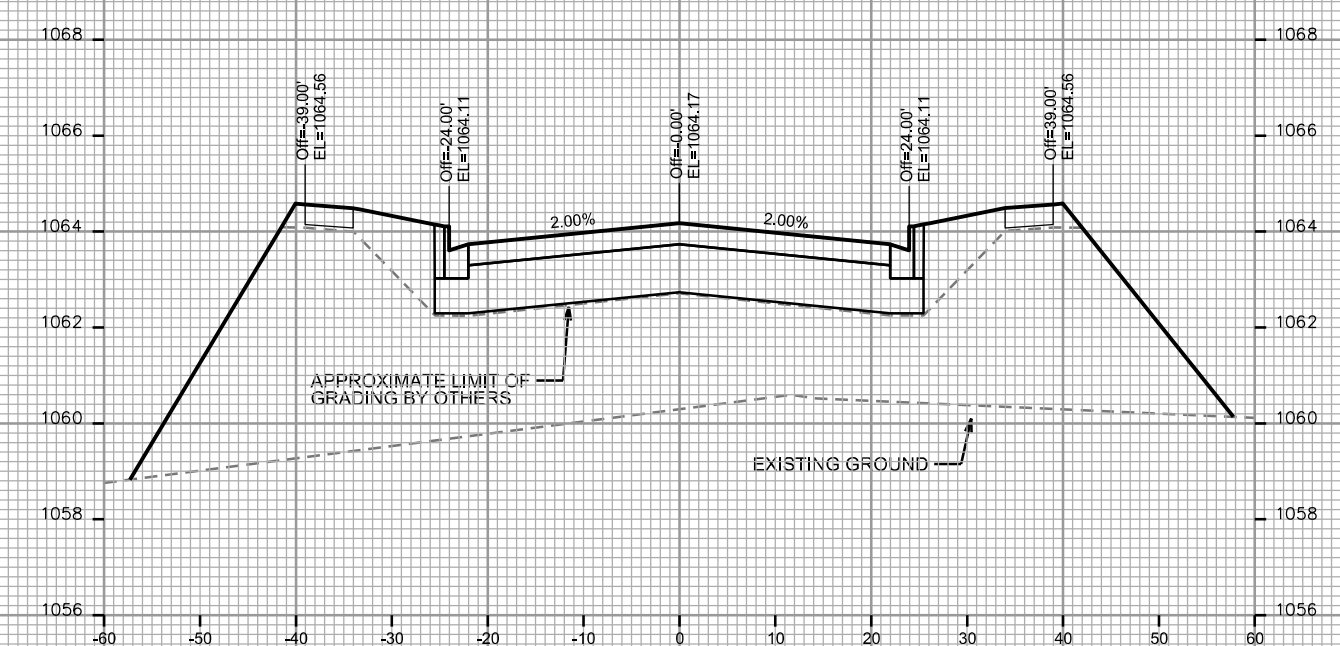
STA. 323+75



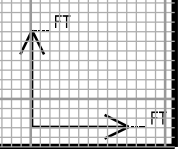
STA. 324+25



STA. 323+50



STA. 324+00



CROSS SECTIONS

WATTS ROAD CITY OF MADISON

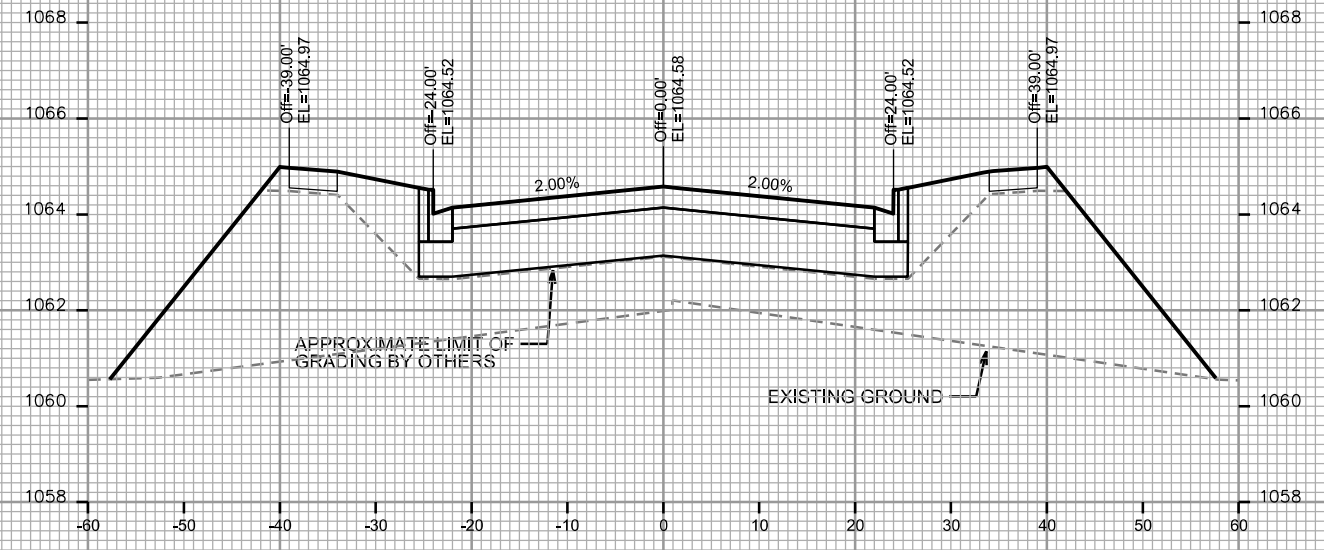
NOTE: WATTS ROAD TO BE GRADED TO SUBGRADE ELEVATION BY OTHERS. EXCAVATION & FILL QUANTITIES WILL BE CALCULATED AFTER COMPLETION OF GRADING BY OTHERS. TYP FOR WATTS ROAD RIGHT OF WAY.

PLOT SCALE: _____

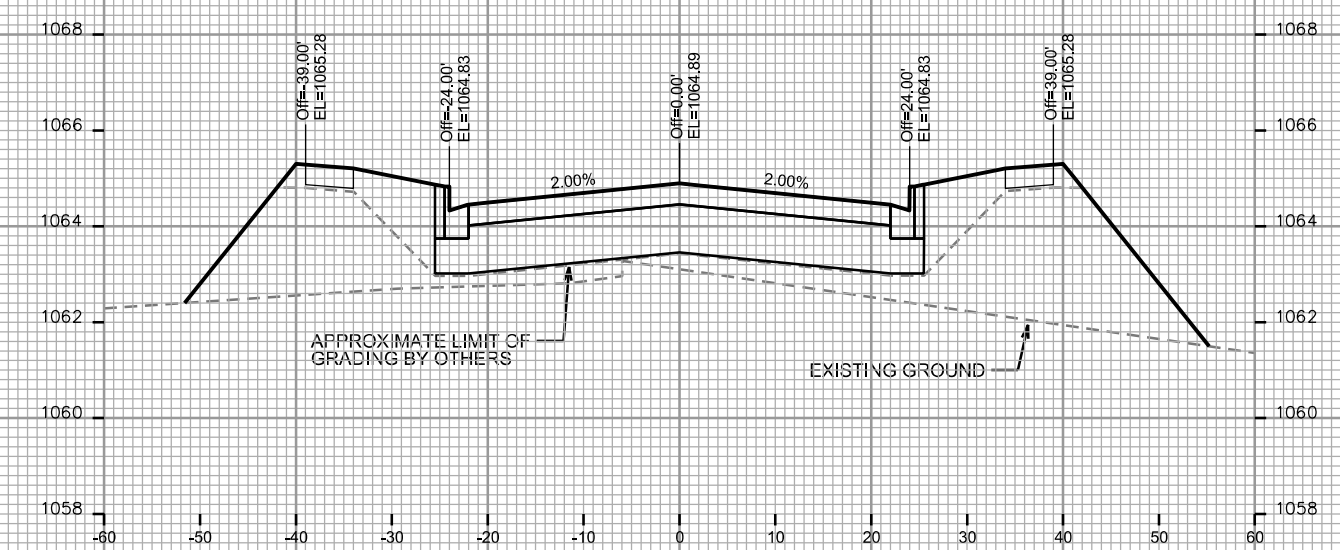
PLOT NAME: _____

REV. DATE: _____

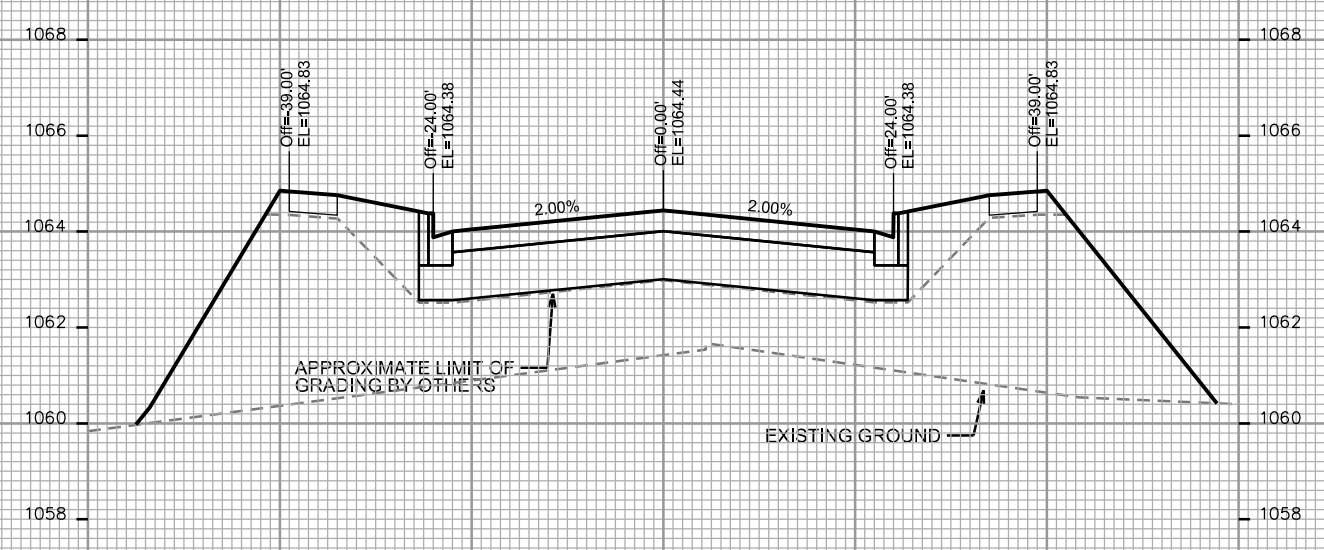
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



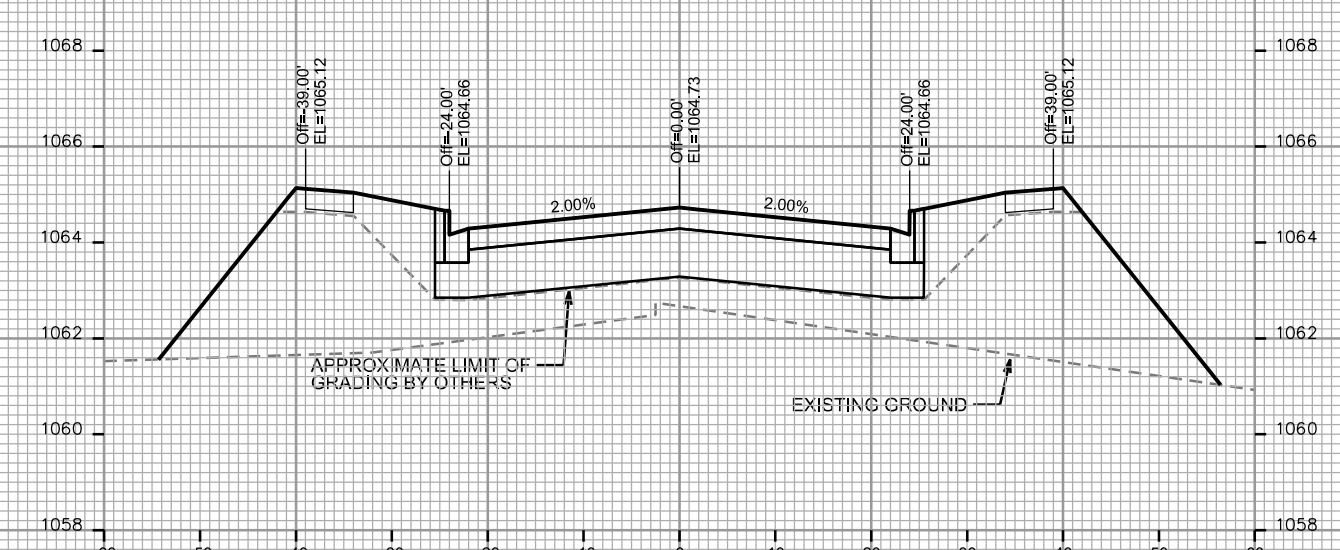
STA. 324+75



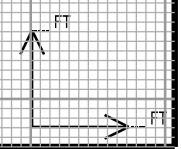
STA. 325+25



STA. 324+50



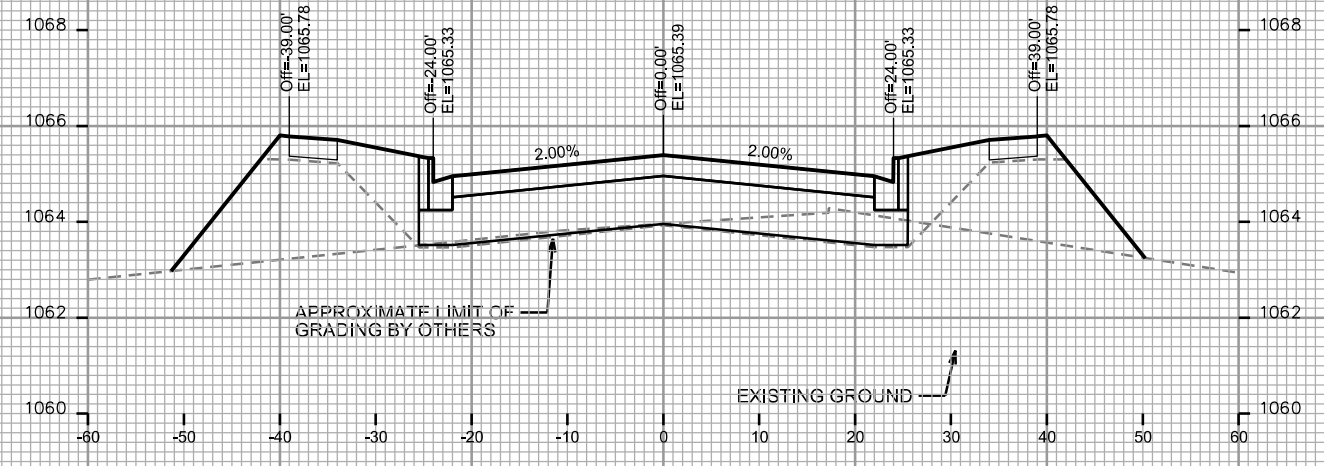
STA. 325+00



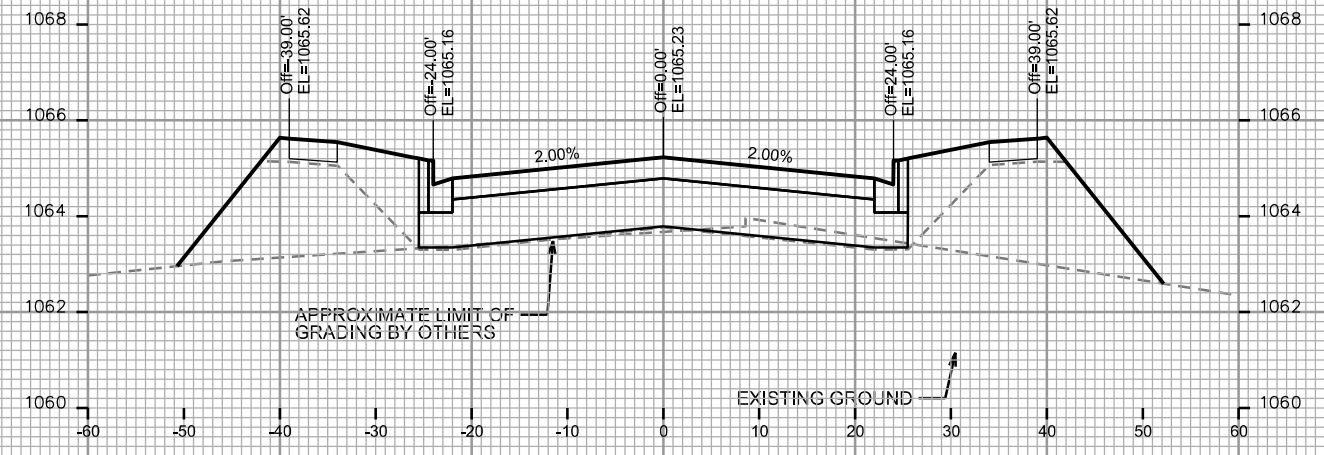
CROSS SECTIONS

WATTS ROAD CITY OF MADISON

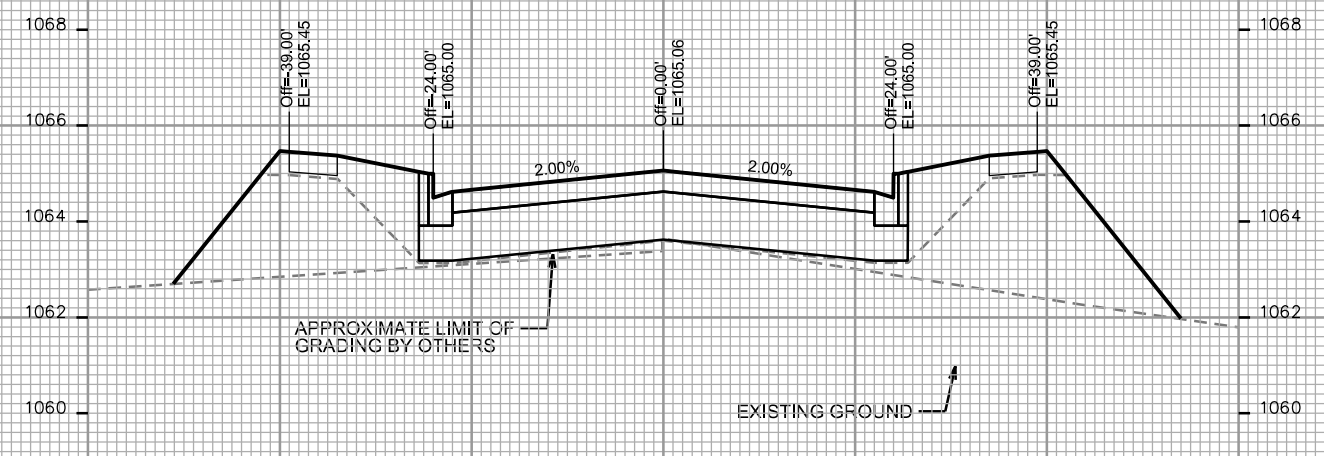
NOTE: WATTS ROAD TO BE GRADED TO SUBGRADE ELEVATION BY OTHERS. EXCAVATION & FILL QUANTITIES WILL BE CALCULATED AFTER COMPLETION OF GRADING BY OTHERS. TYP FOR WATTS ROAD RIGHT OF WAY.



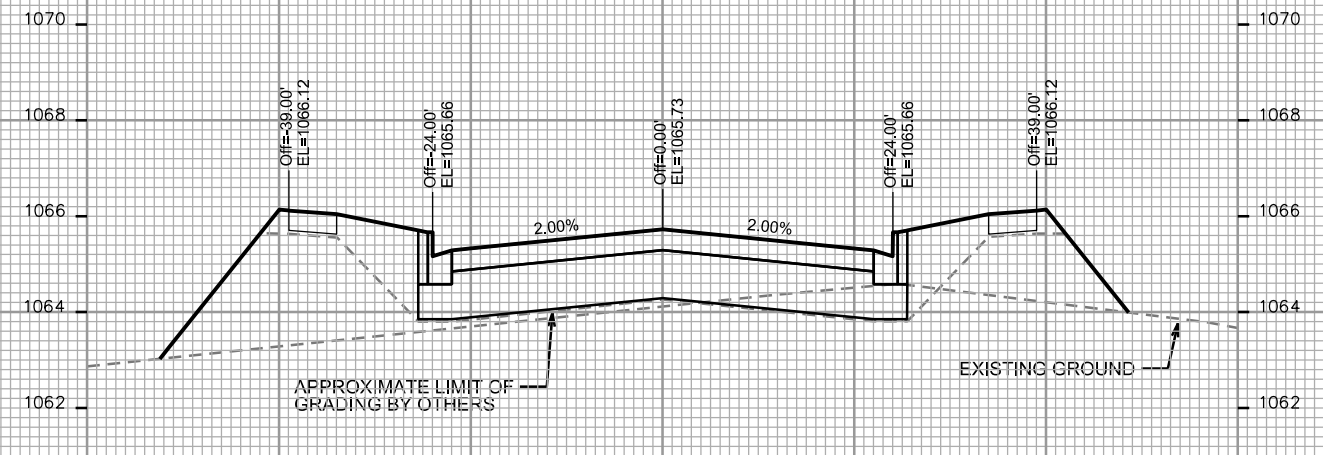
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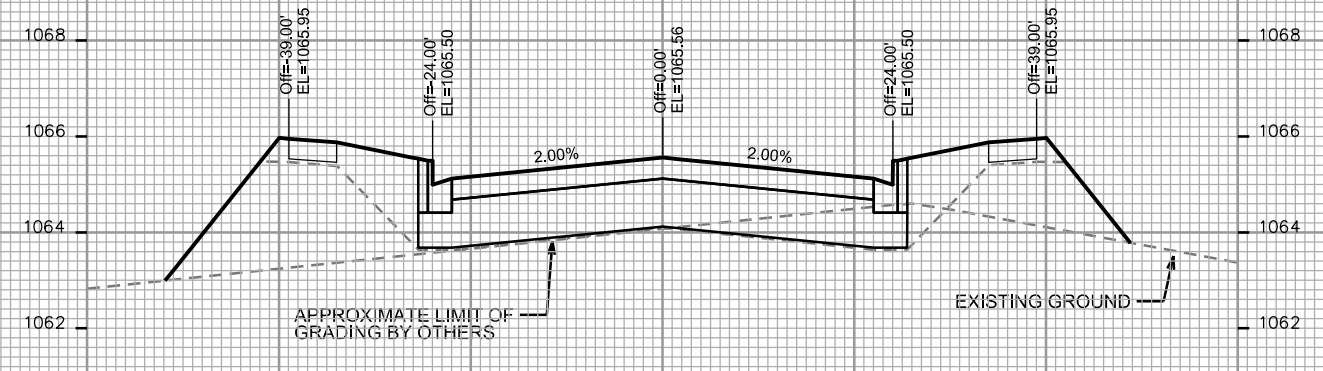
STA. 325+75



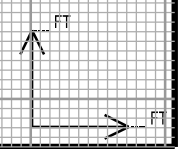
STA. 325+50



STA. 326+50



STA. 326+25



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

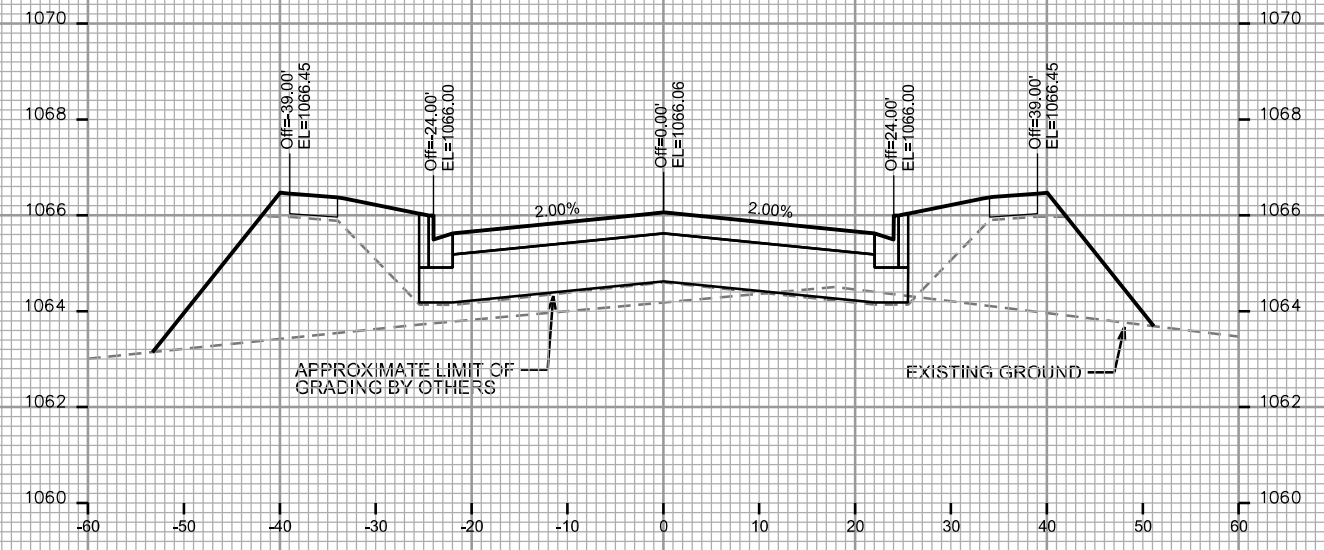
ORIGINATOR: CITY OF MADISON - STREETS DIVISION

PLOT SCALE: _____

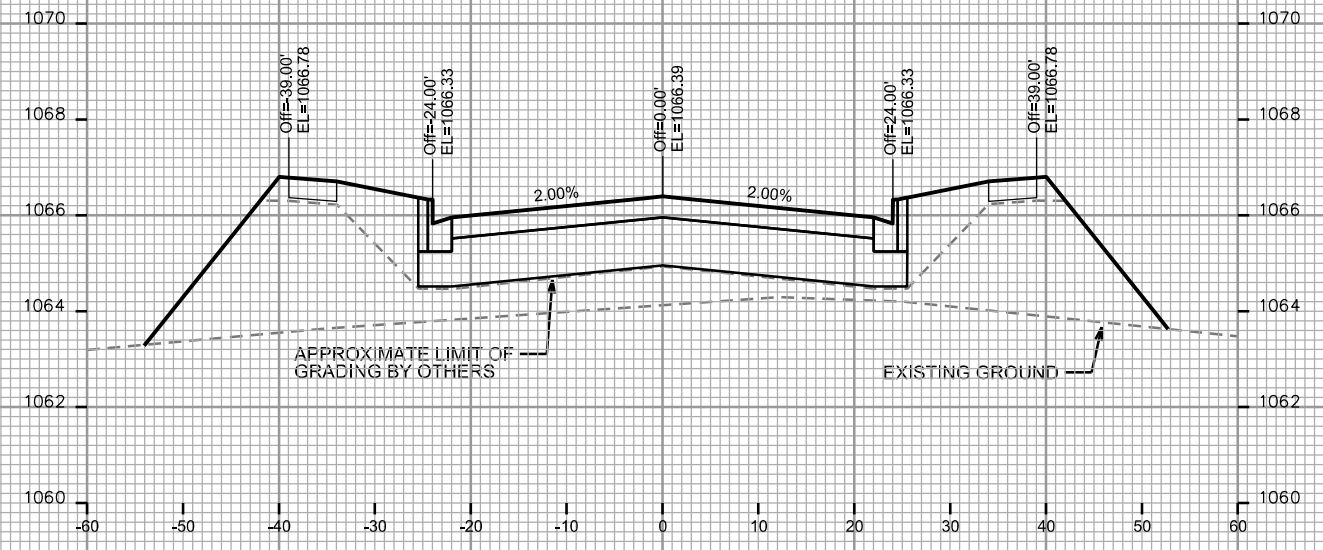
PLOT NAME: _____

REV. DATE: _____

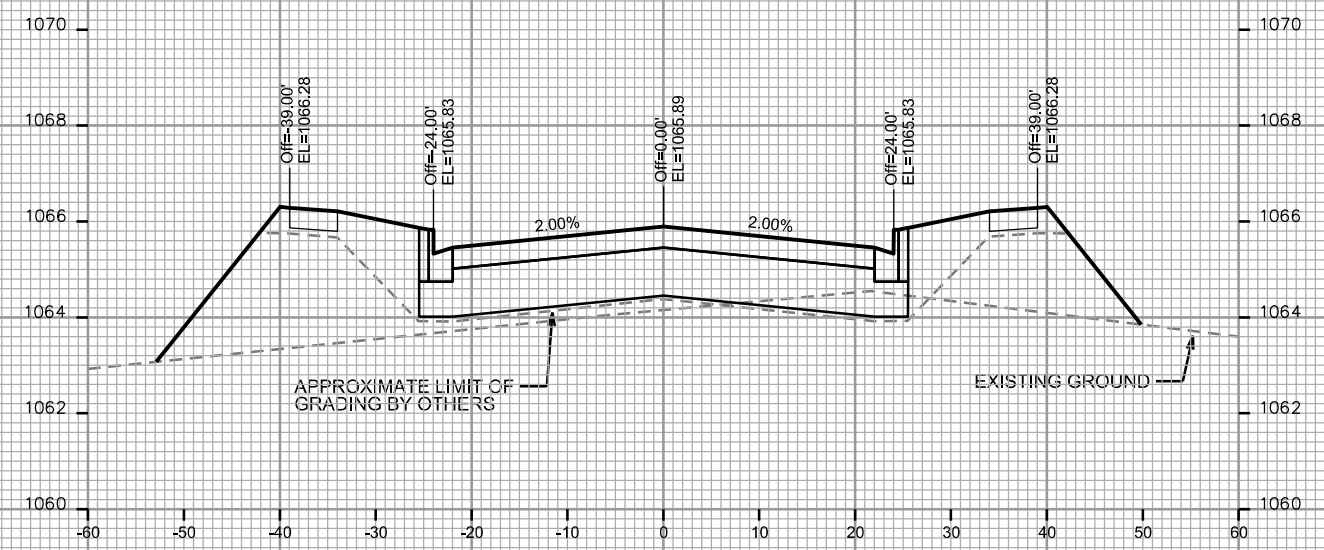
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



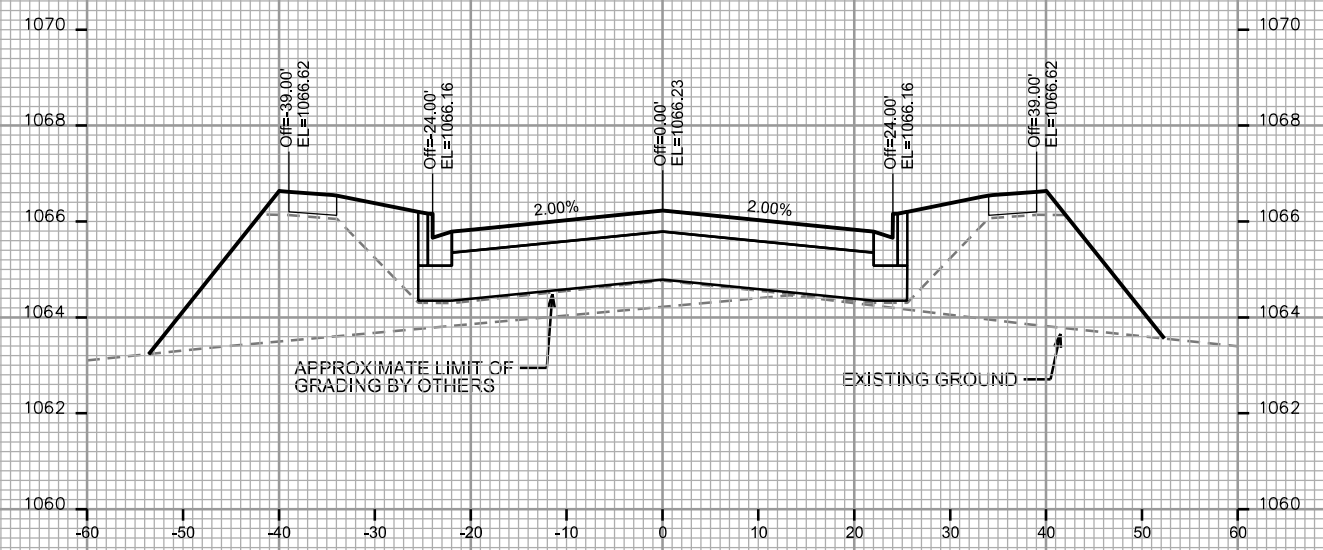
STA. 327+00



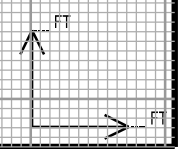
STA. 327+50



STA. 326+75



STA. 327+25



CROSS SECTIONS

WATTS ROAD CITY OF MADISON

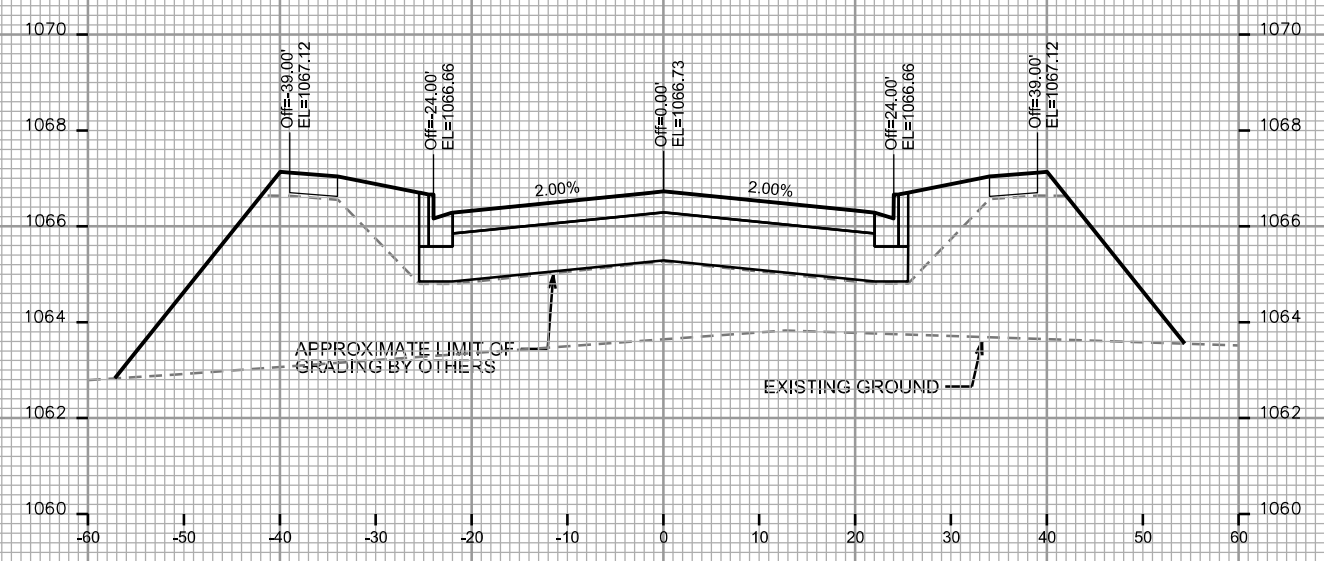
NOTE: WATTS ROAD TO BE GRADED TO SUBGRADE ELEVATION BY OTHERS. EXCAVATION & FILL QUANTITIES WILL BE CALCULATED AFTER COMPLETION OF GRADING BY OTHERS. TYP FOR WATTS ROAD RIGHT OF WAY.

PLOT SCALE: _____

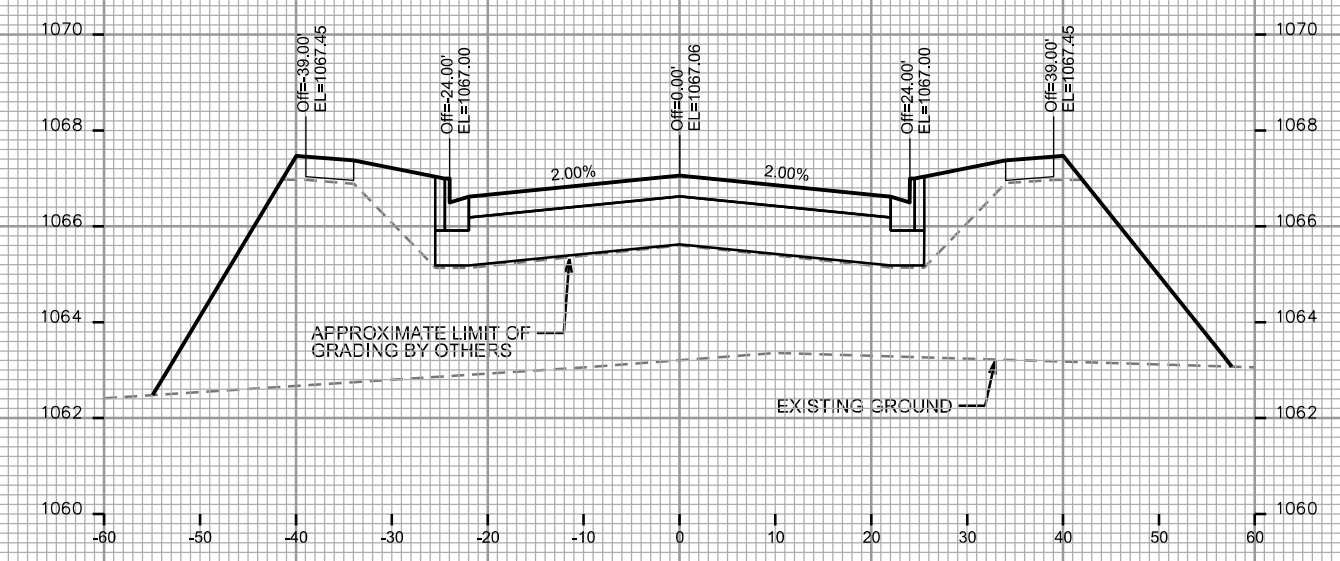
PLOT NAME: _____

REV. DATE: _____

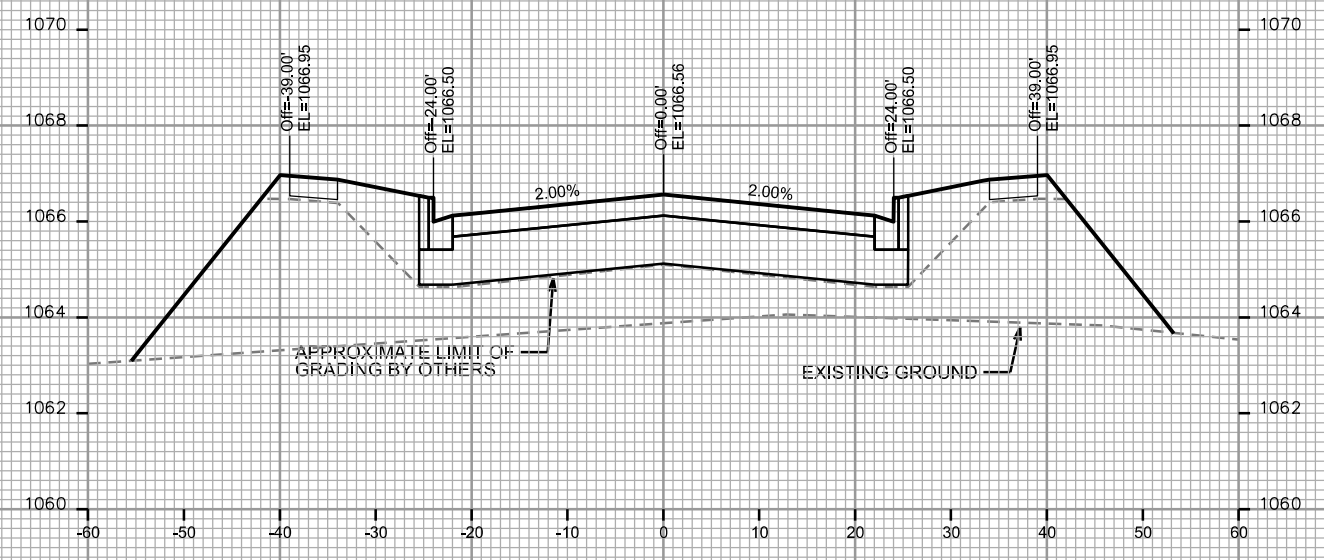
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



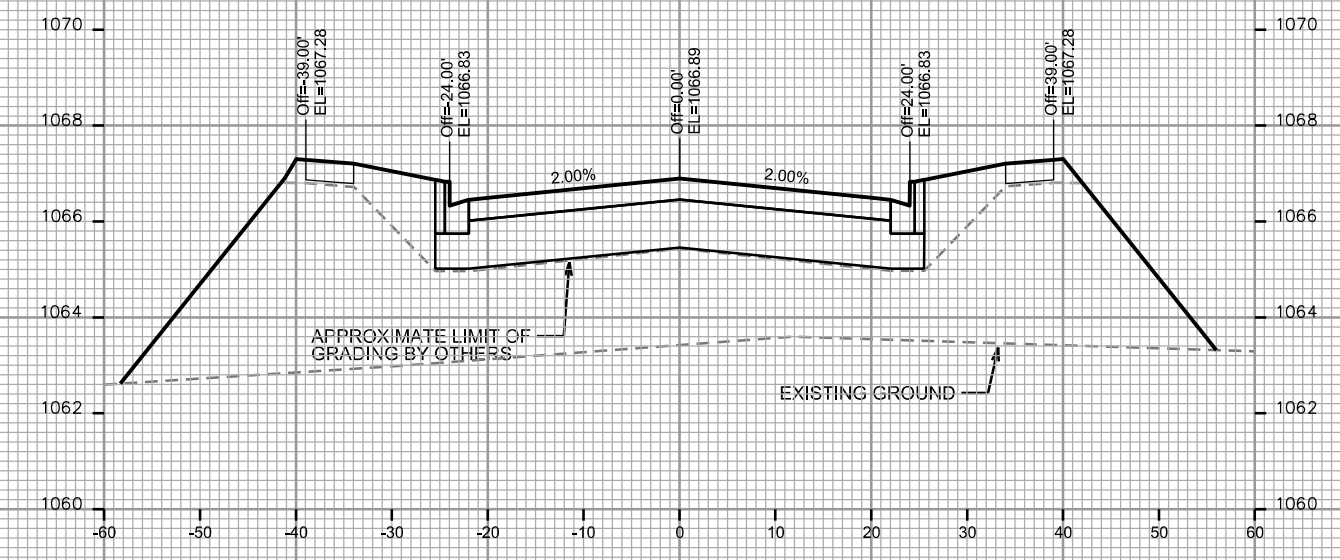
STA. 328+00



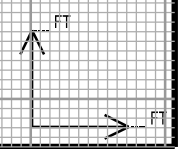
STA. 328+50



STA. 327+75



STA. 328+25



CROSS SECTIONS

WATTS ROAD CITY OF MADISON

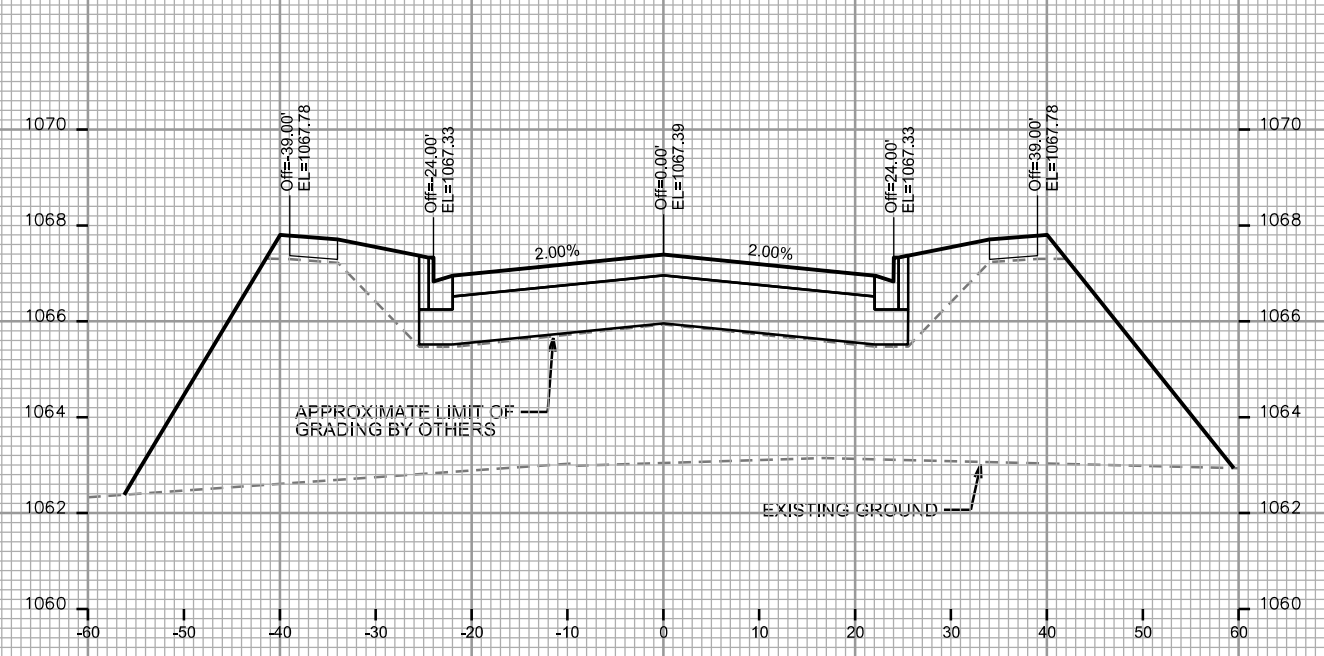
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PLOT SCALE: _____

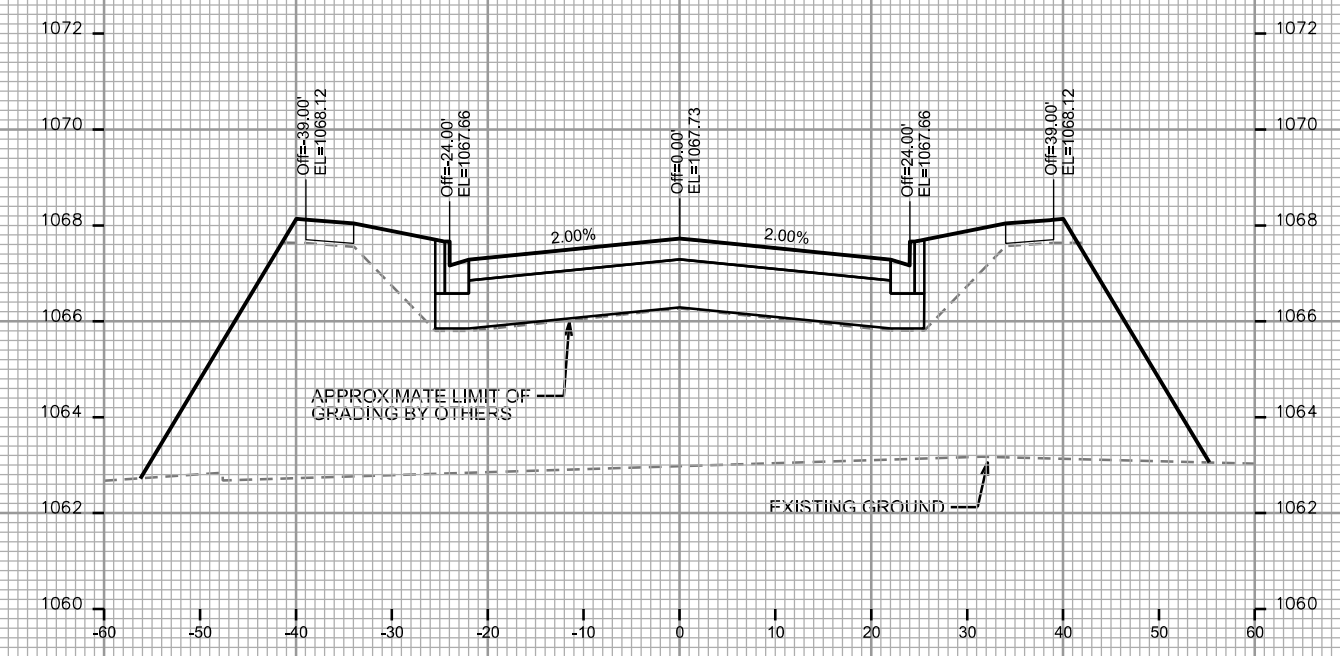
PLOT NAME: _____

REV. DATE: _____

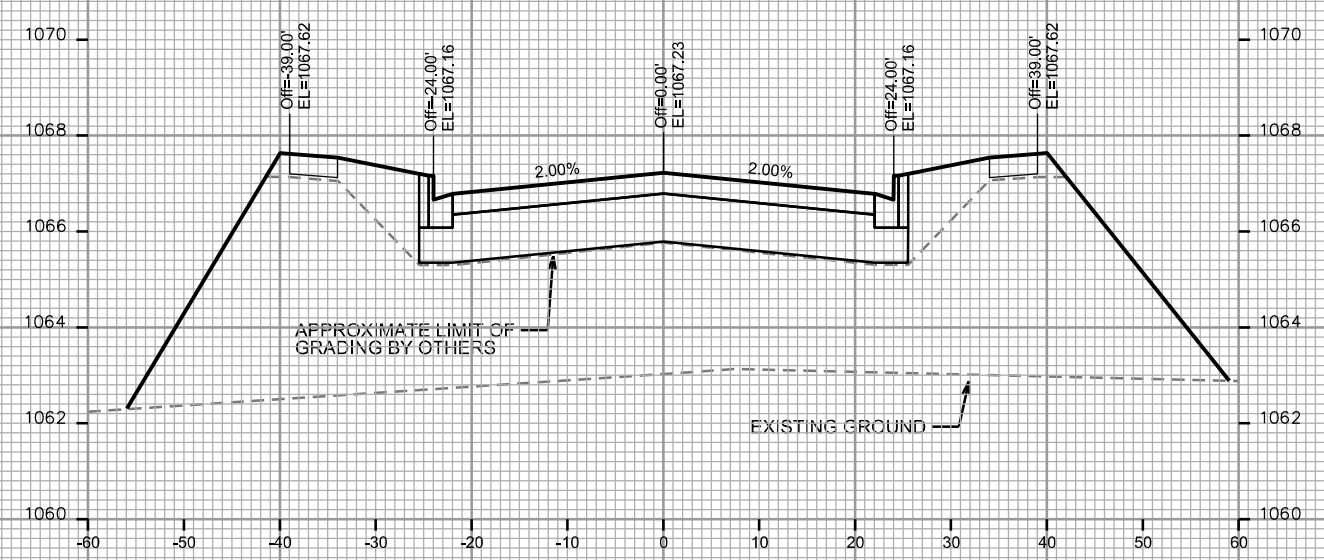
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



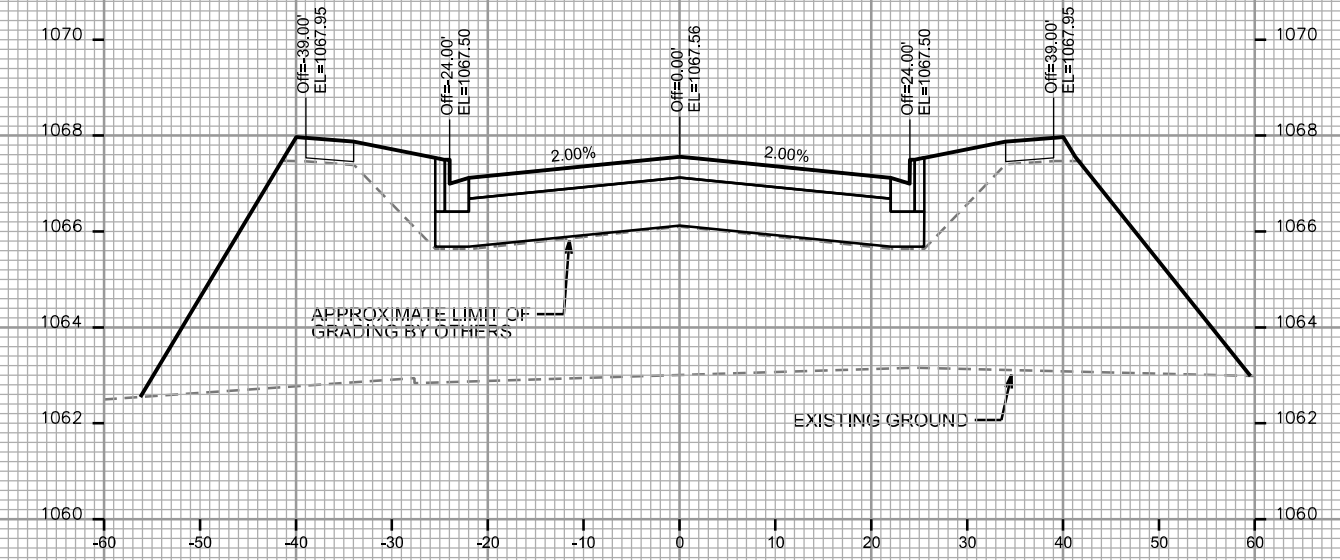
STA. 329+00



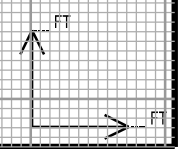
STA. 329+50



STA. 328+75



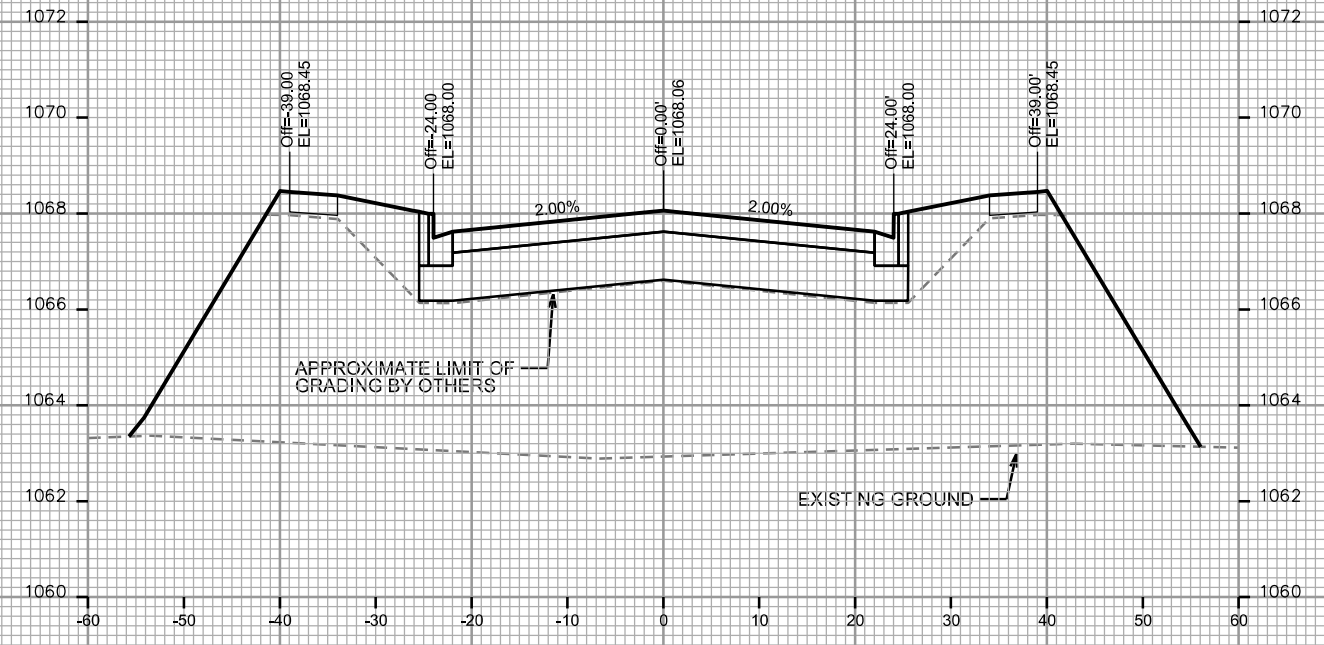
STA. 329+25



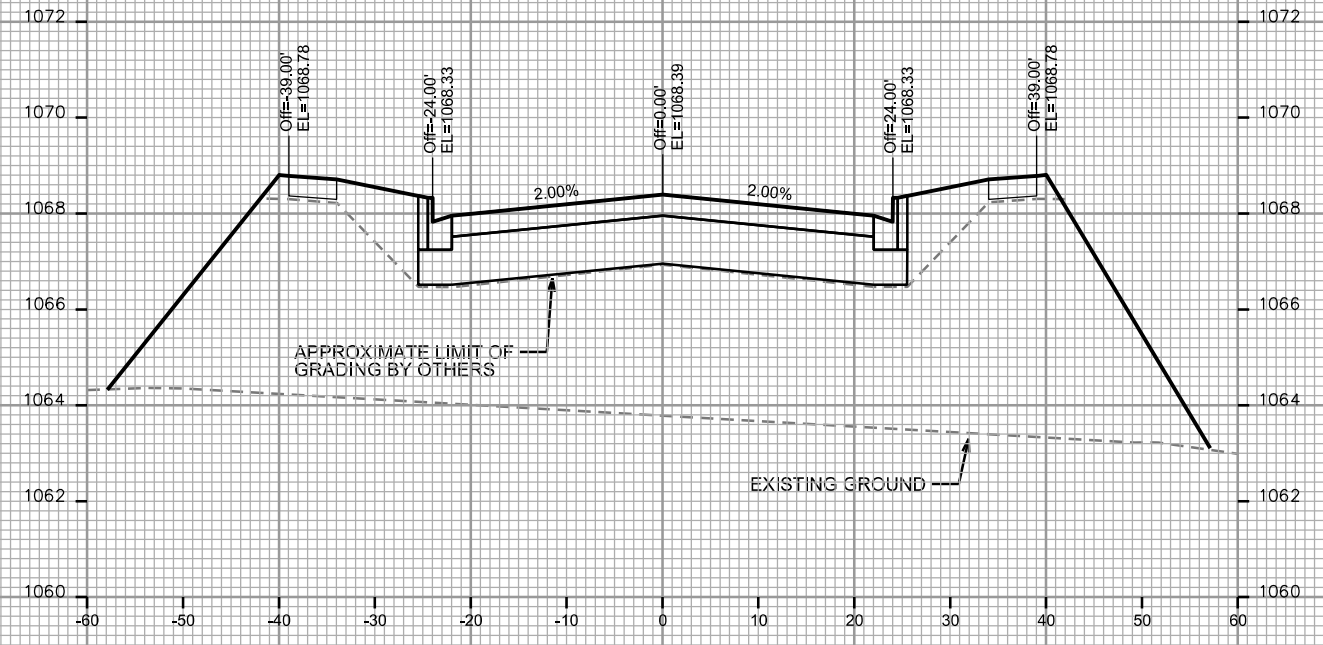
CROSS SECTIONS

WATTS ROAD CITY OF MADISON

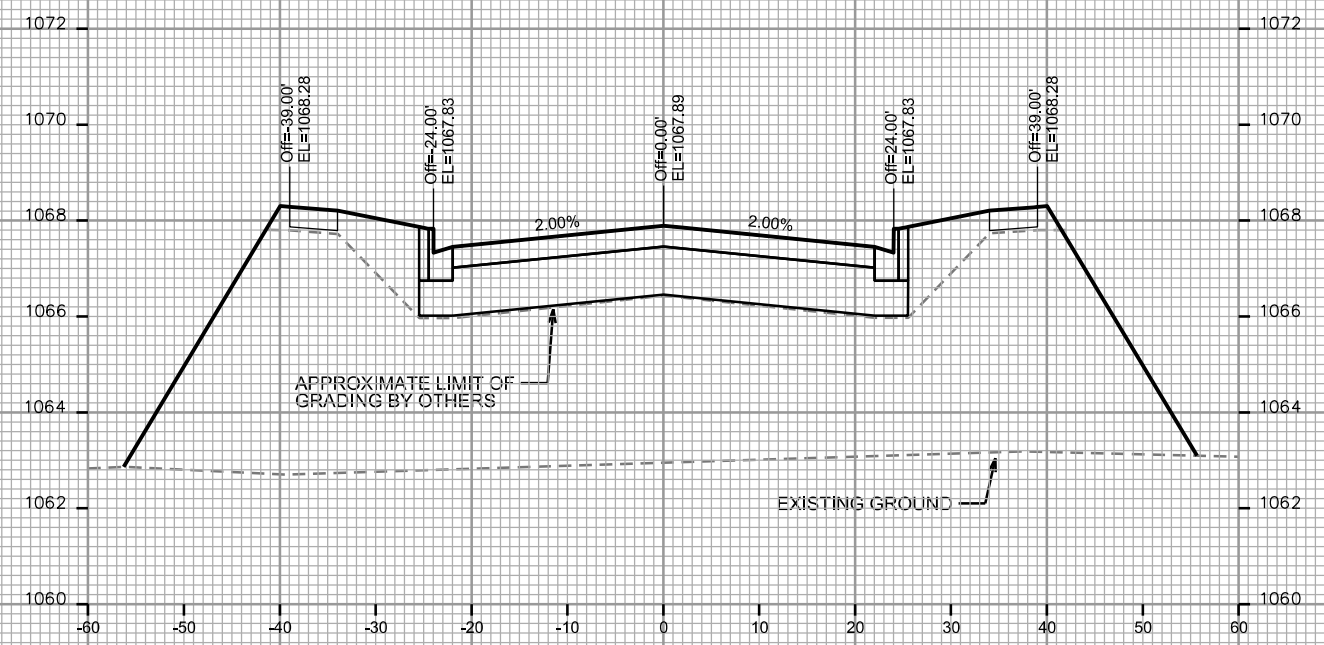
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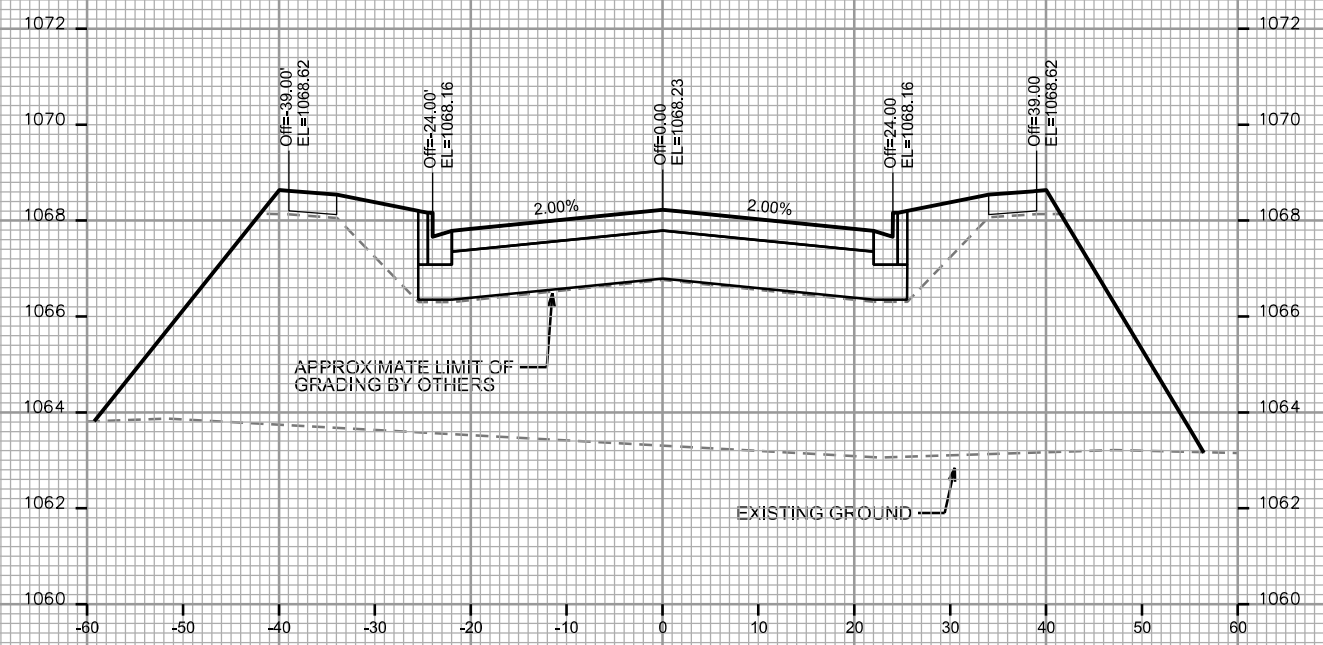
STA. 330+00



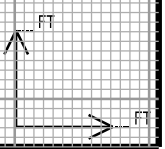
STA. 330+50



STA. 329+75



STA. 330+25



PLOT SCALE: _____
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

CROSS SECTIONS

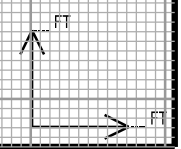
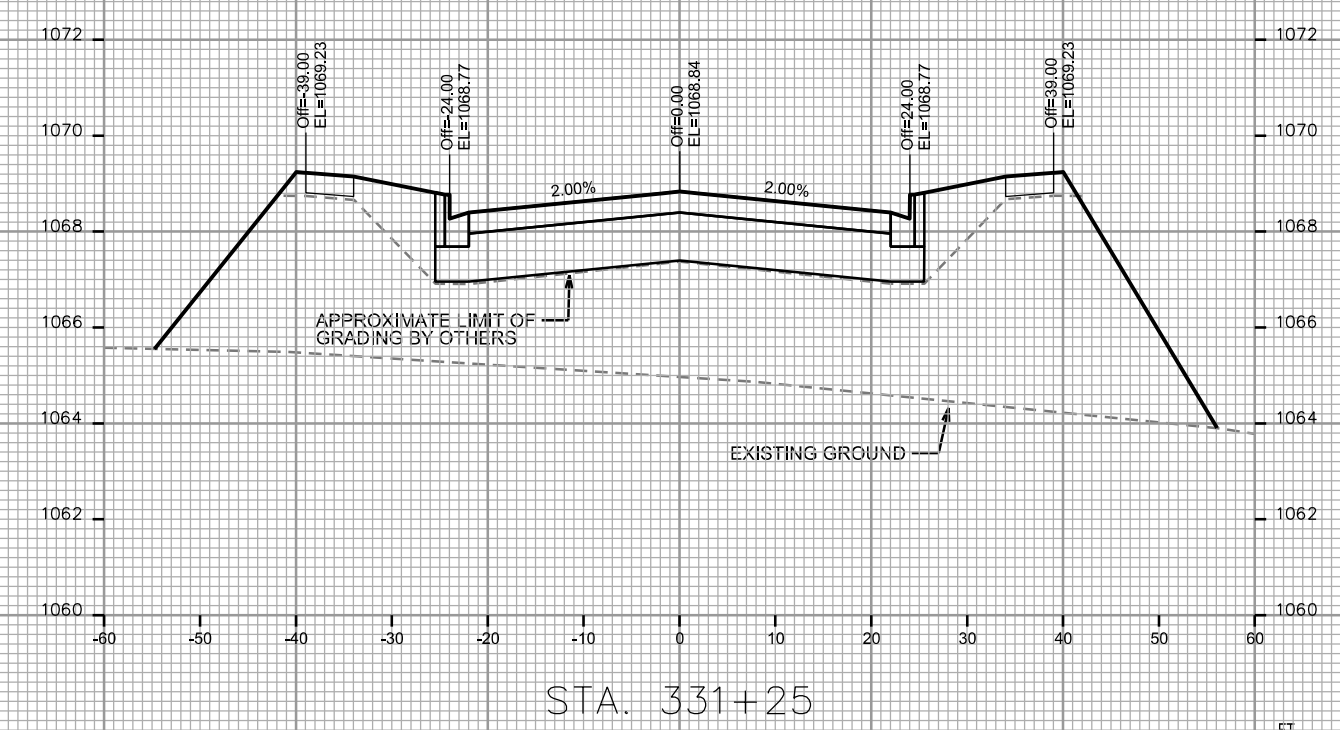
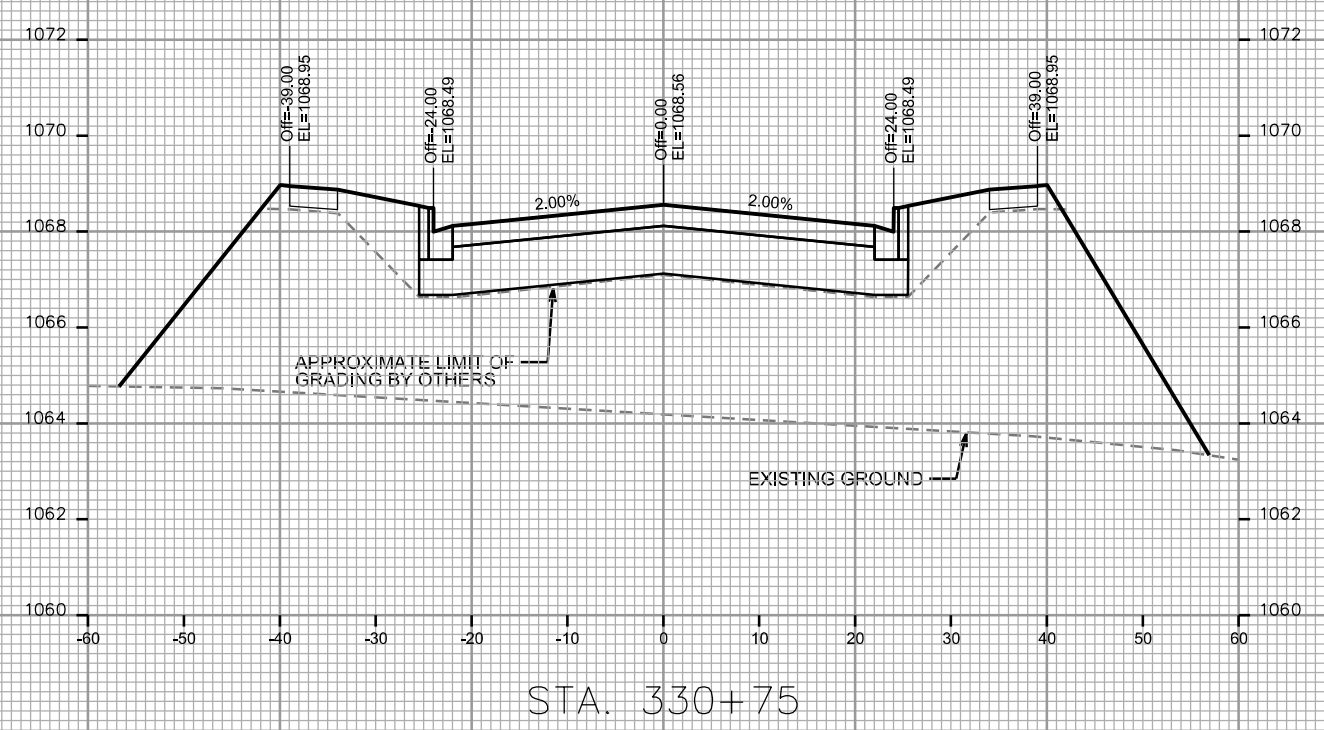
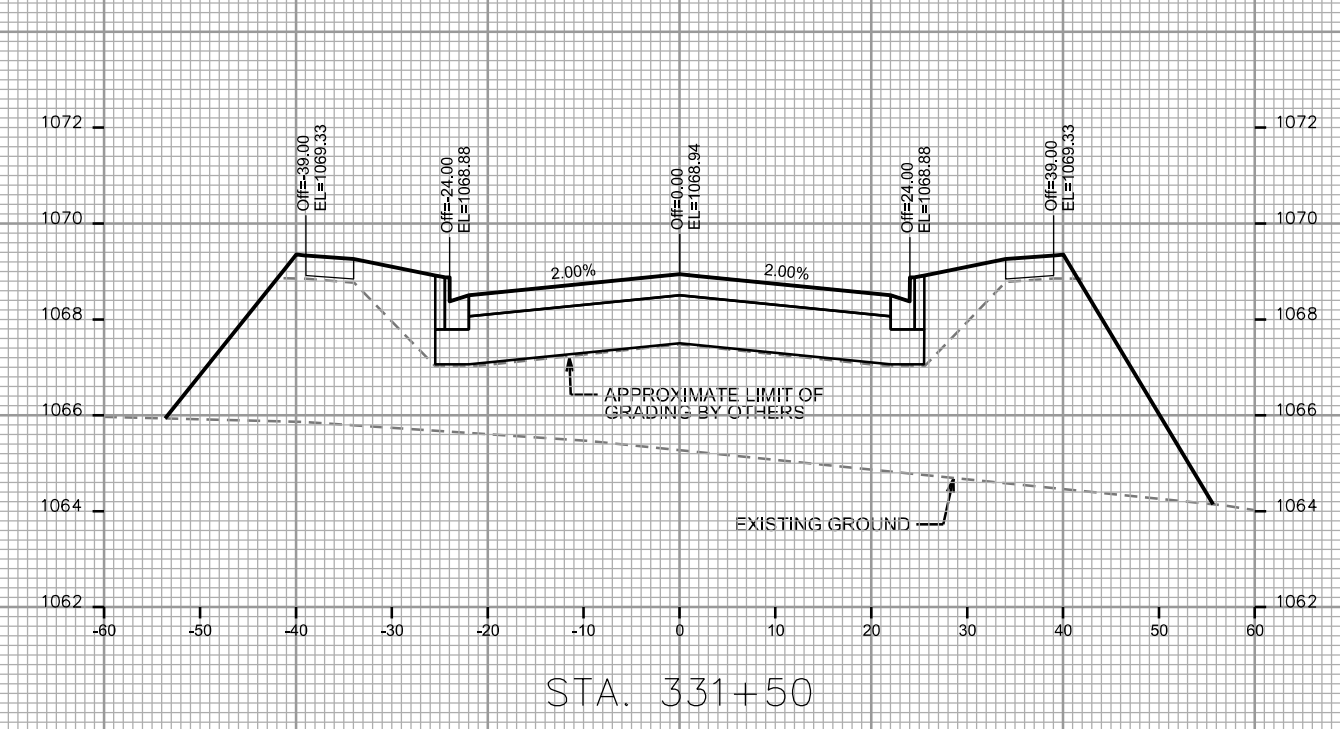
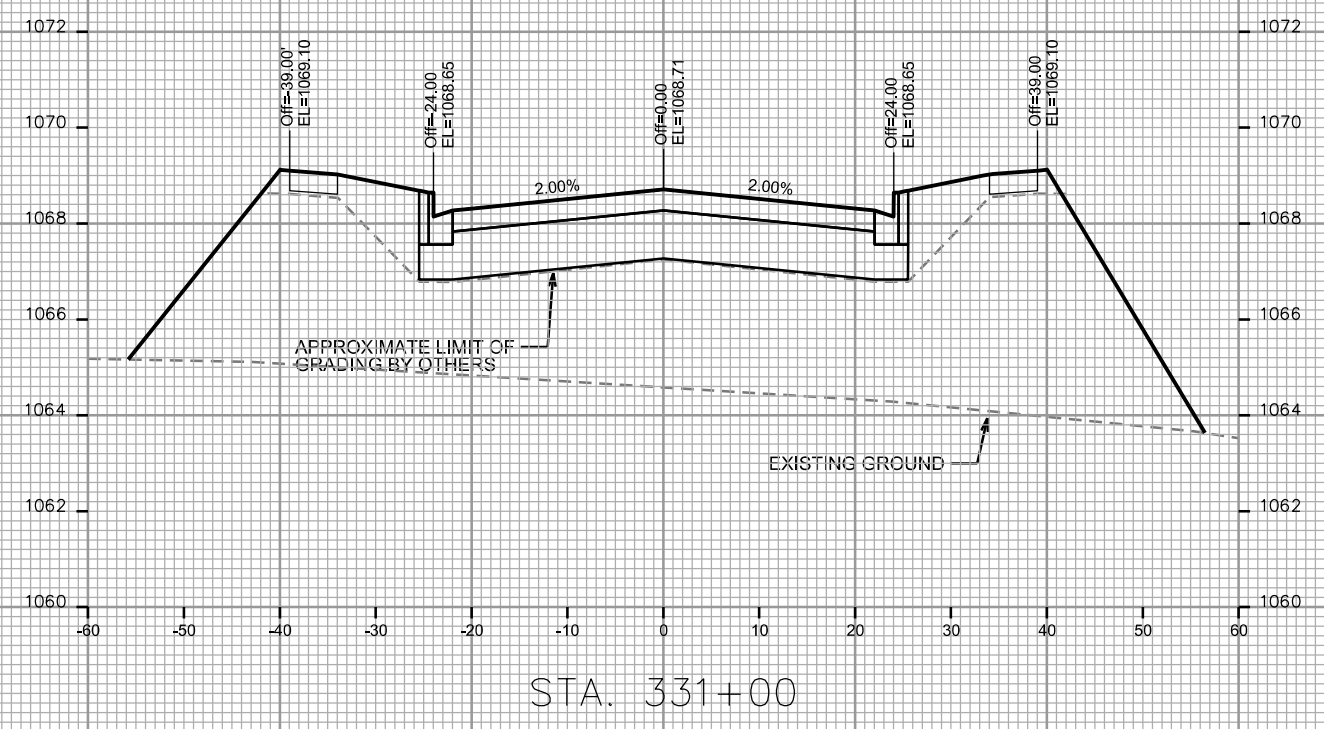
WATTS ROAD CITY OF MADISON

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PLOT SCALE: _____
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

WATT ROAD CITY OF MADISON

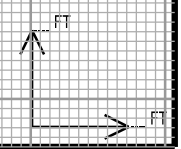
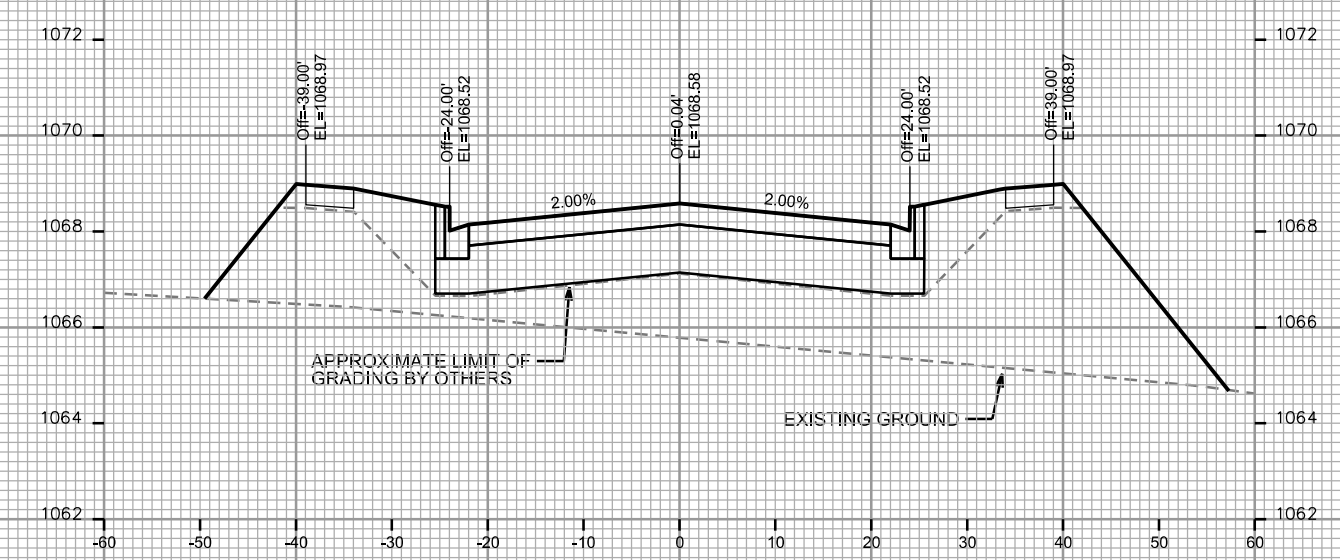
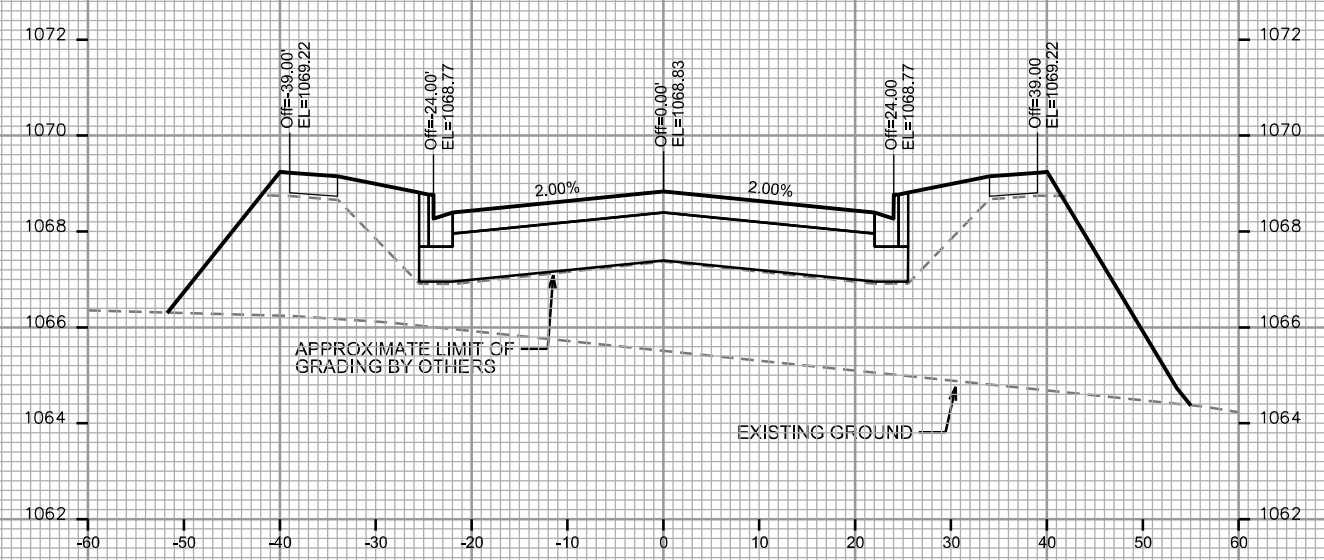
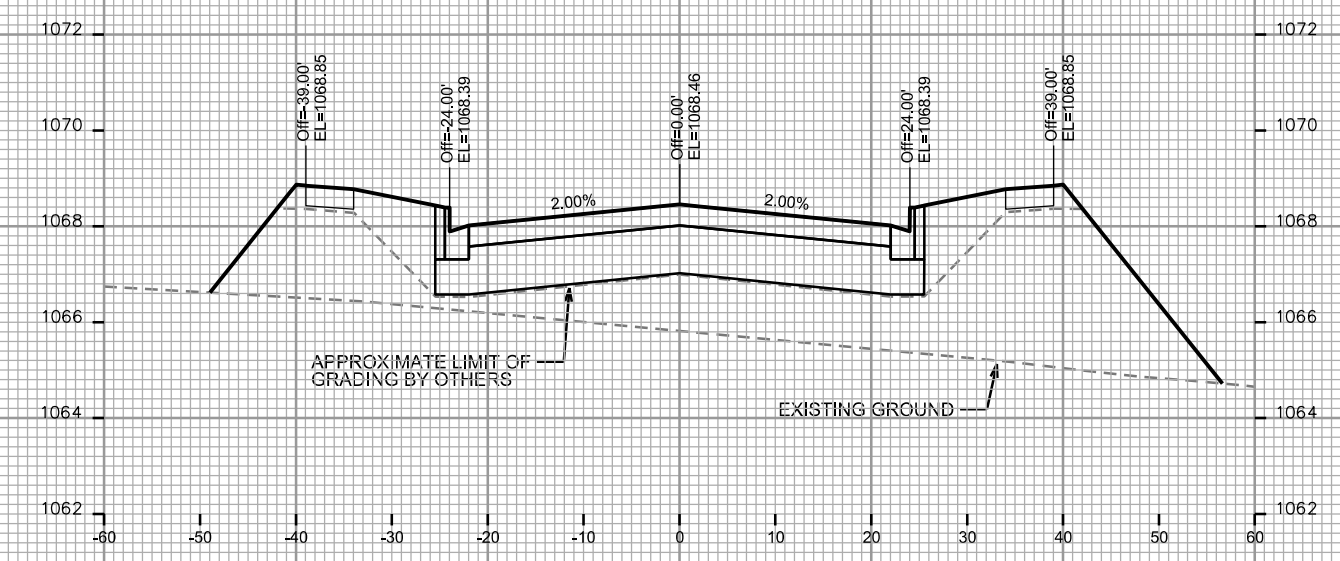
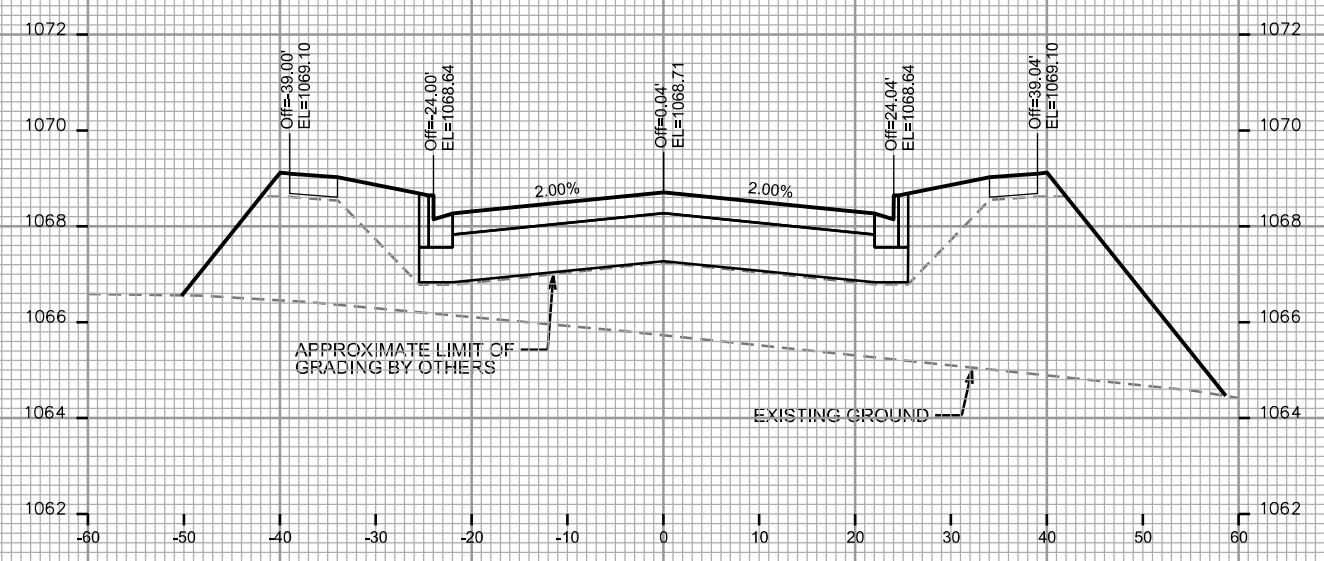
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PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

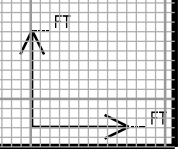
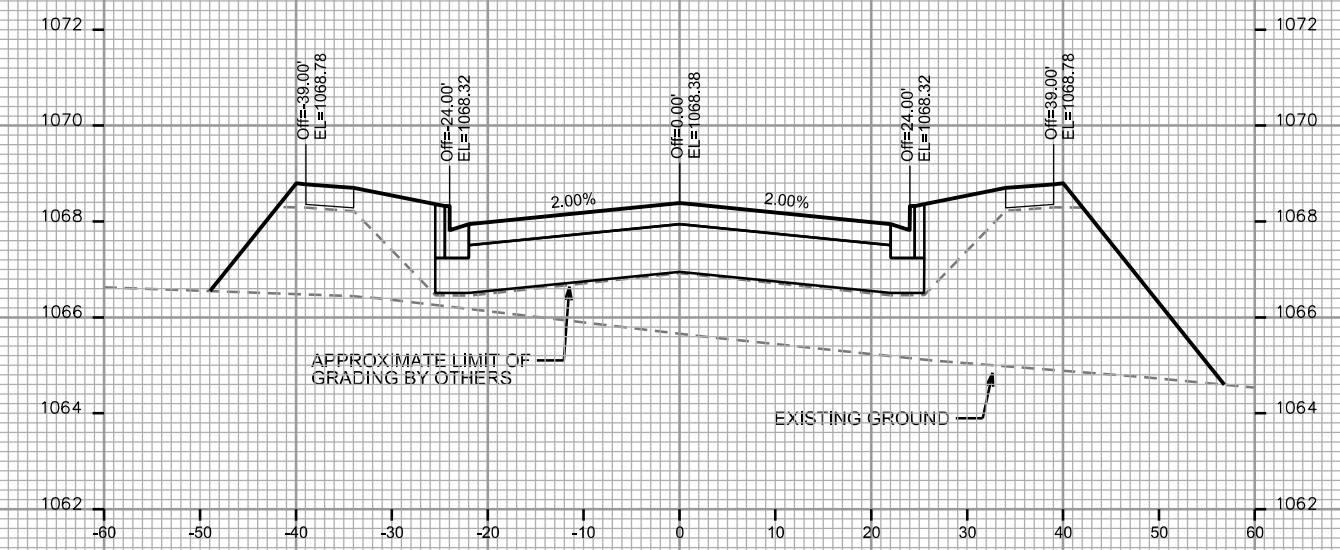
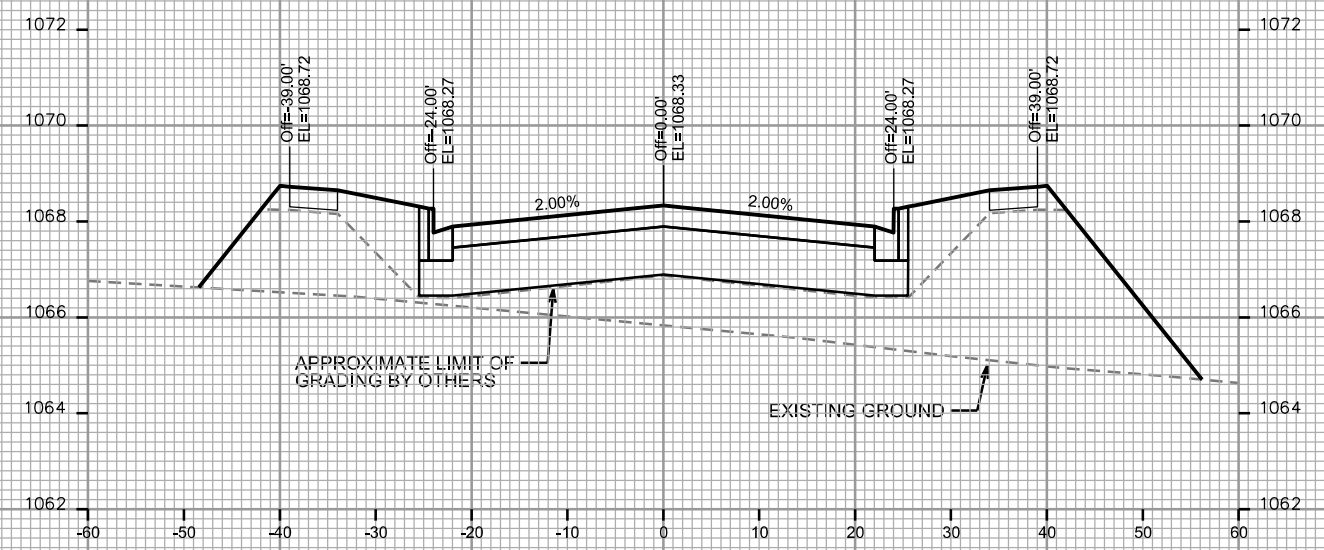
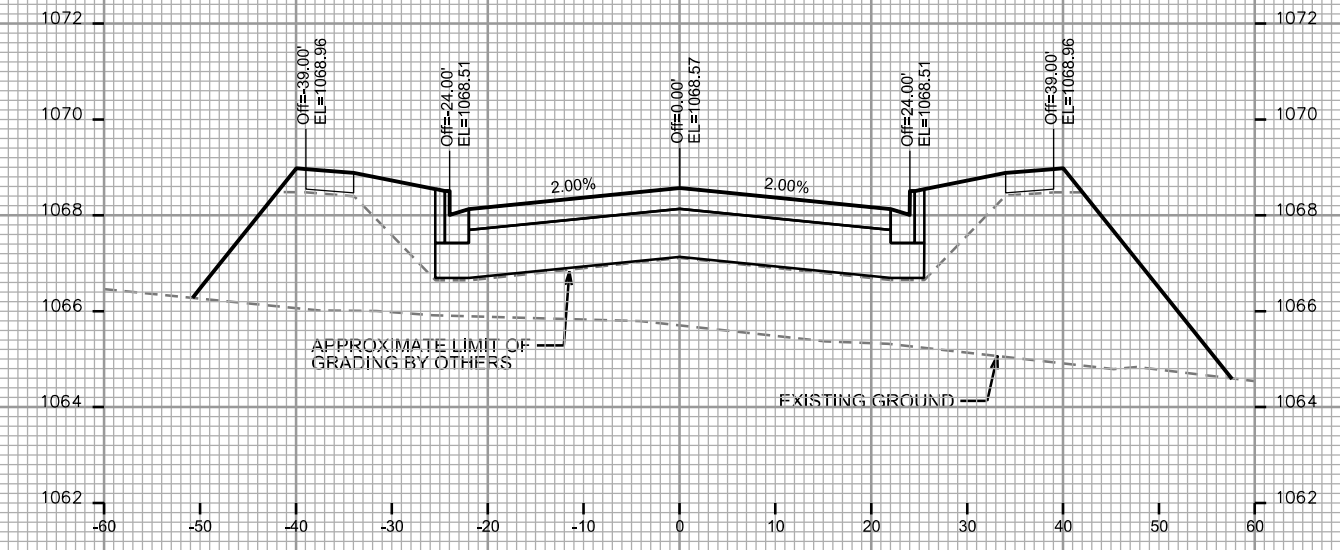
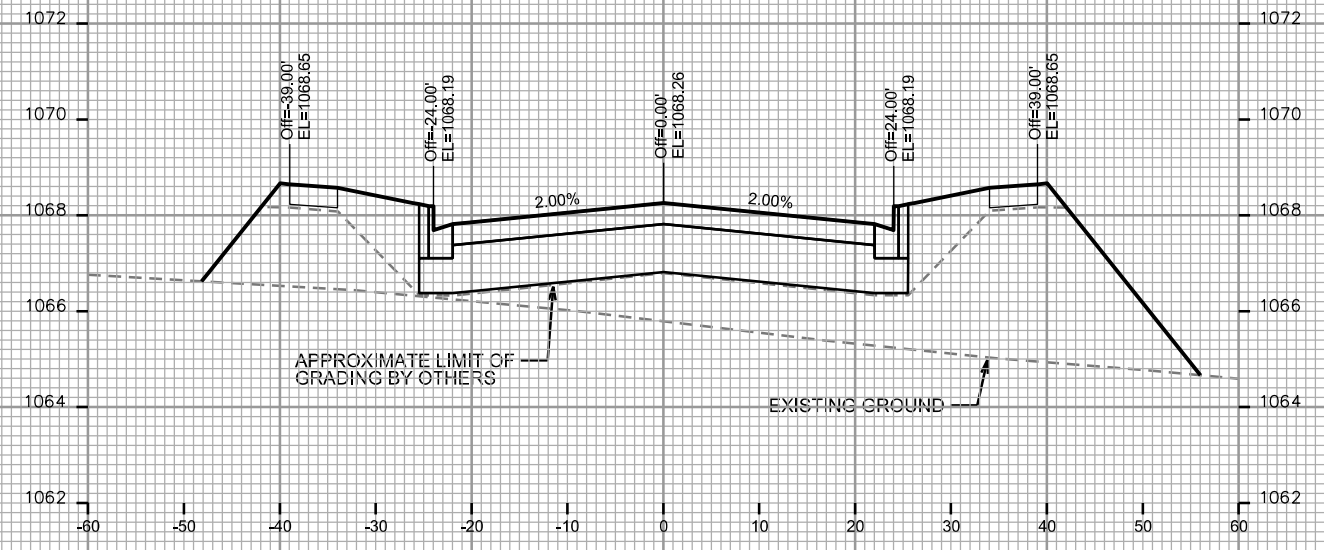
WATTS ROAD CITY OF MADISON

NOTE: WATTS ROAD TO BE GRADED TO SUBGRADE ELEVATION BY OTHERS. EXCAVATION & FILL QUANTITIES WILL BE CALCULATED AFTER COMPLETION OF GRADING BY OTHERS. TYP FOR WATTS ROAD RIGHT OF WAY.

PLOT SCALE: _____
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



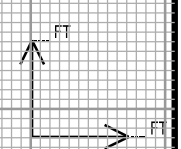
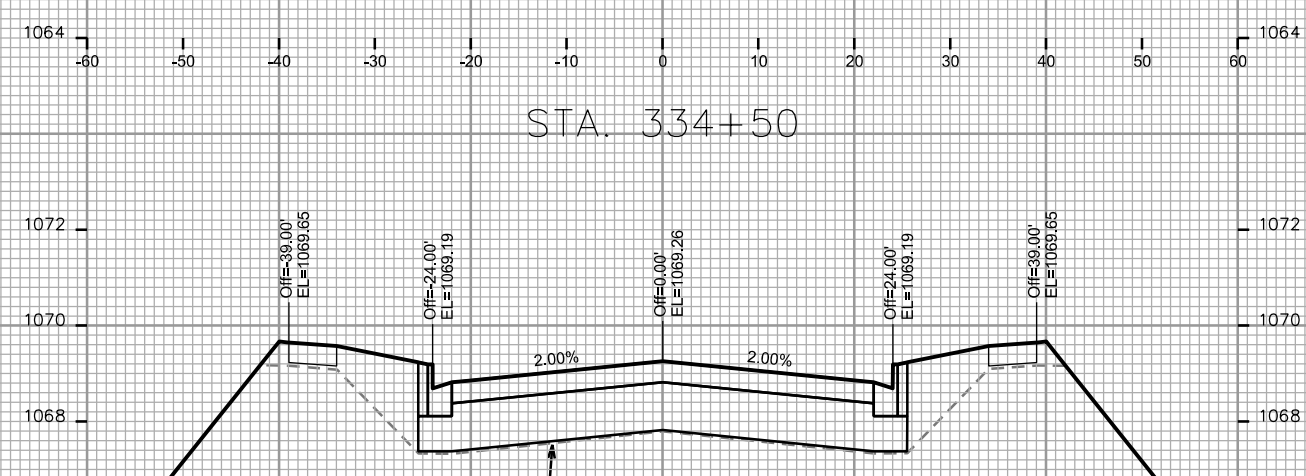
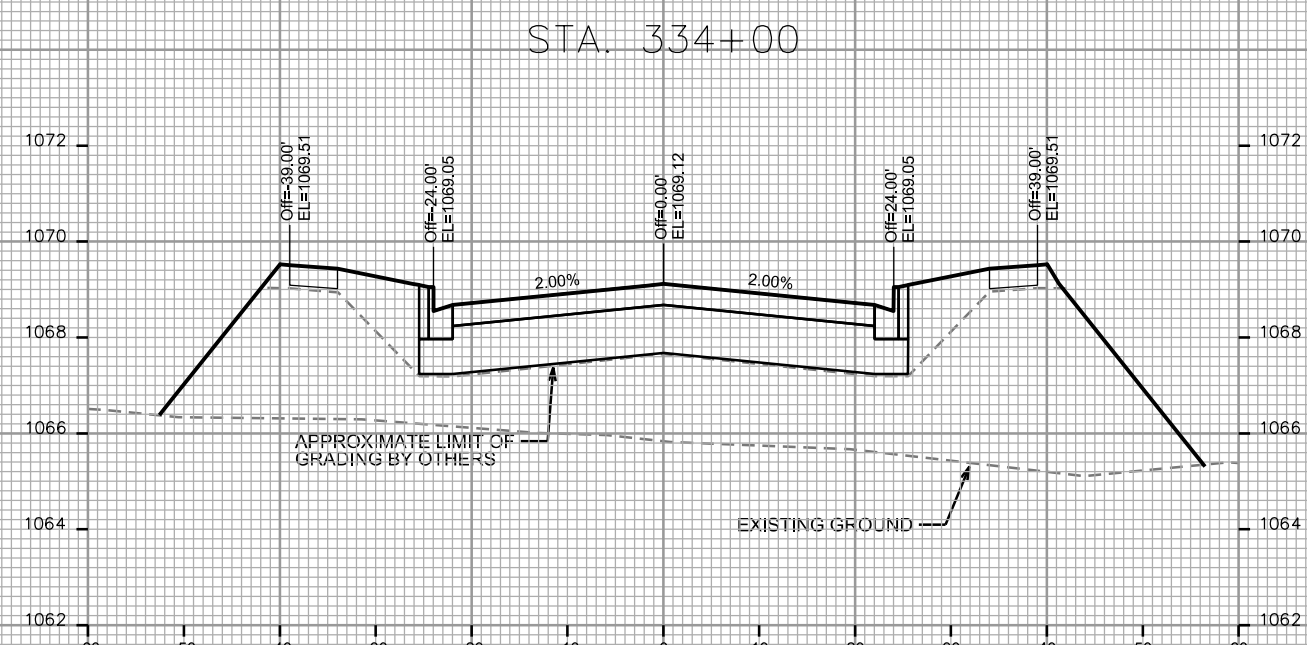
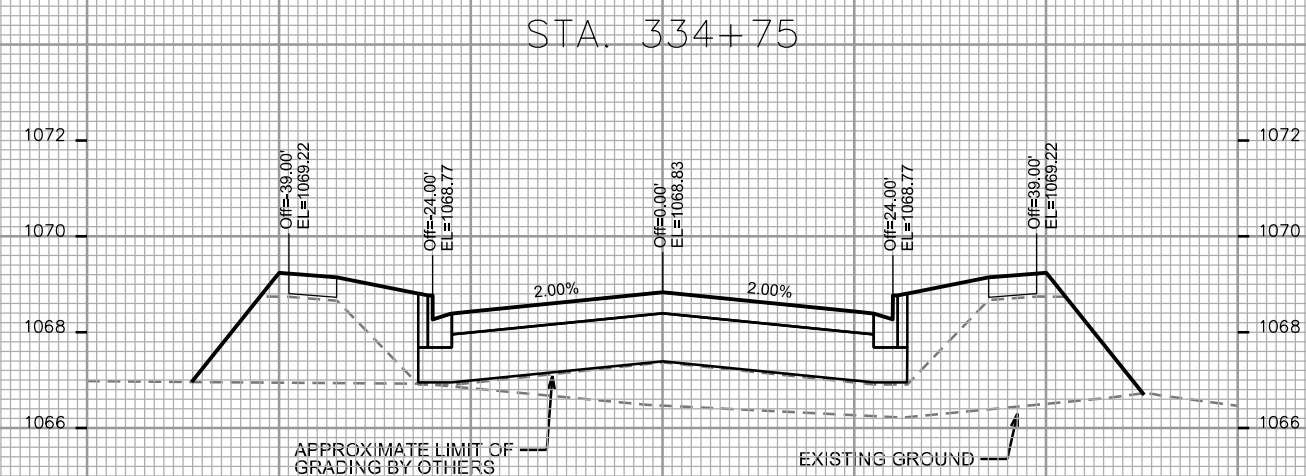
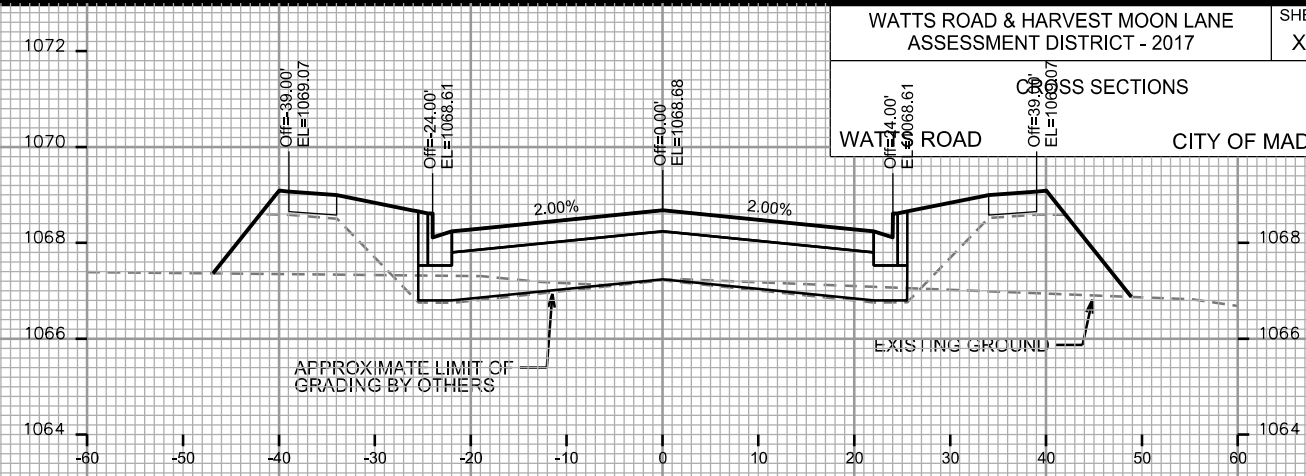
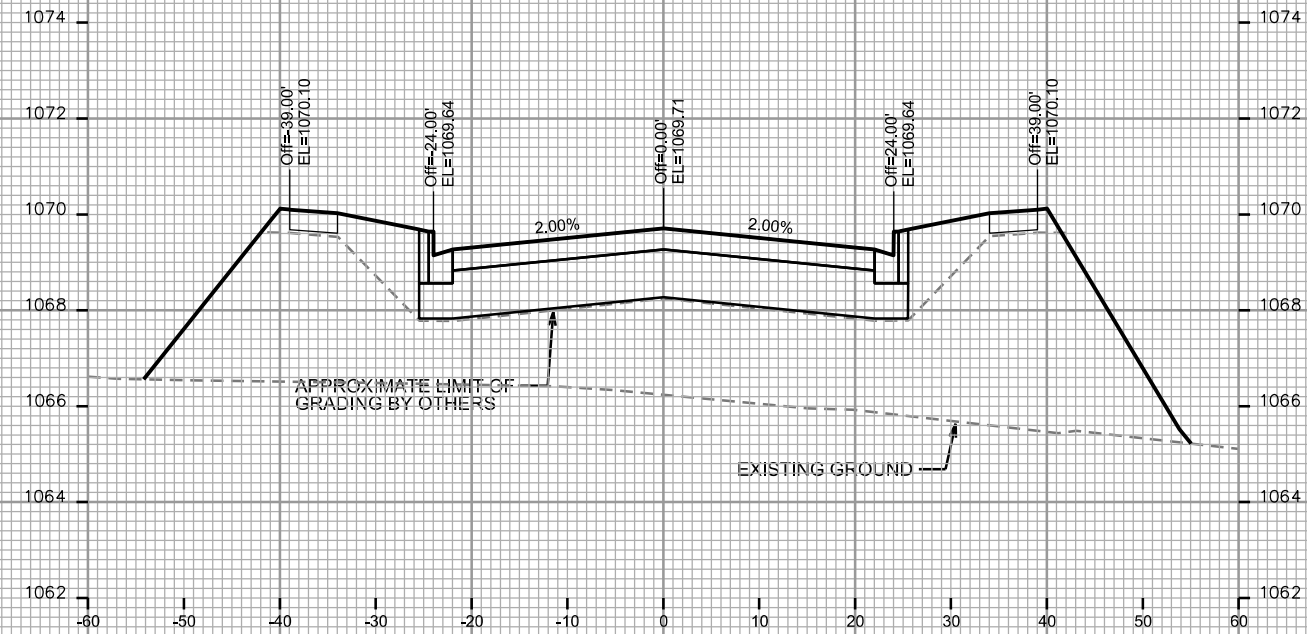
CROSS SECTIONS
WATTS ROAD CITY OF MADISON

NOTE: WATTS ROAD TO BE GRADED TO SUBGRADE ELEVATION BY OTHERS. EXCAVATION & FILL QUANTITIES WILL BE CALCULATED AFTER COMPLETION OF GRADING BY OTHERS. TYP FOR WATTS ROAD RIGHT-OF-WAY.

PLOT SCALE: _____

REV. DATE: _____

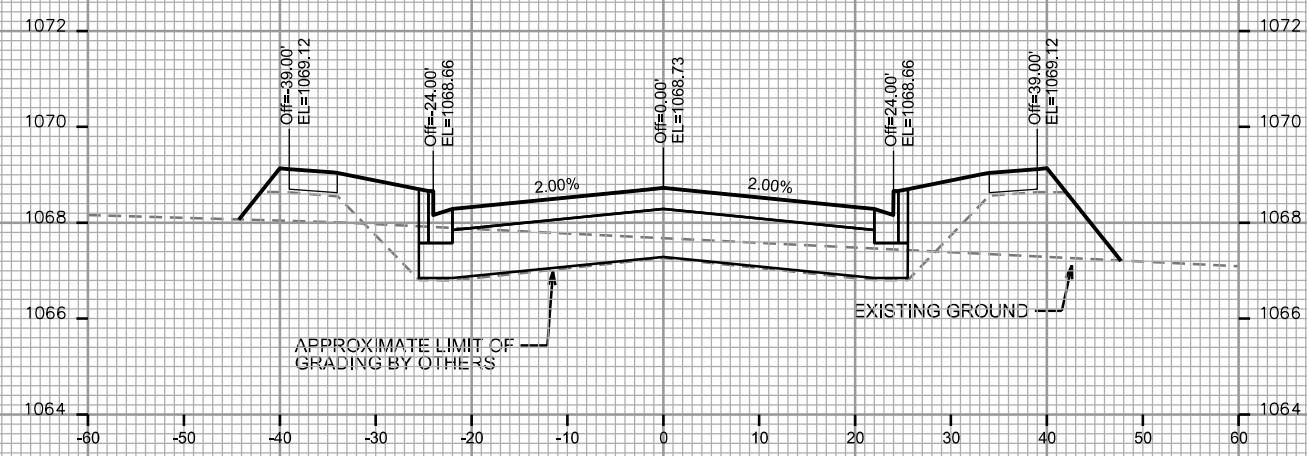
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



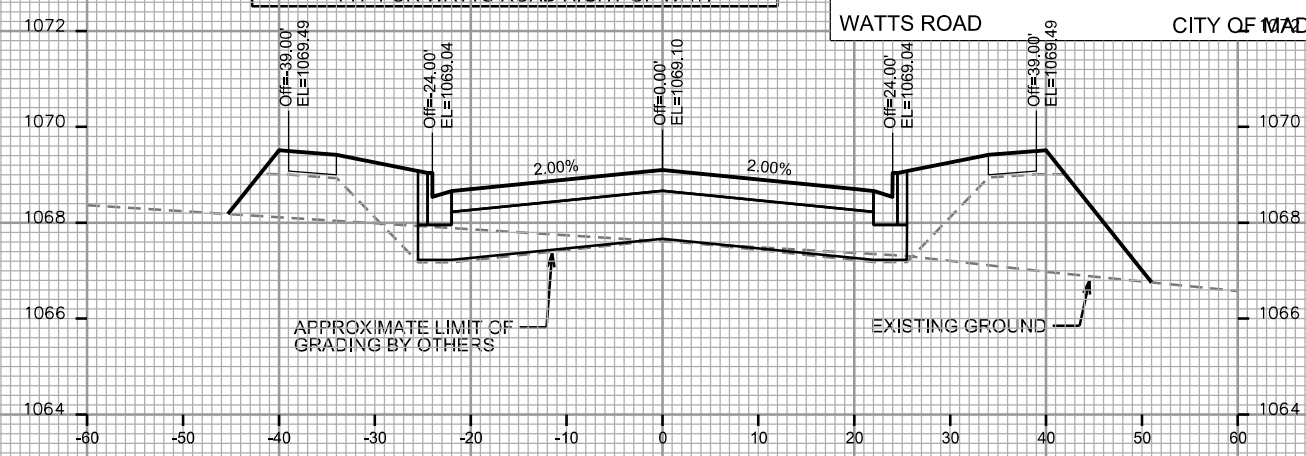
CROSS SECTIONS

WATTS ROAD CITY OF MADISON

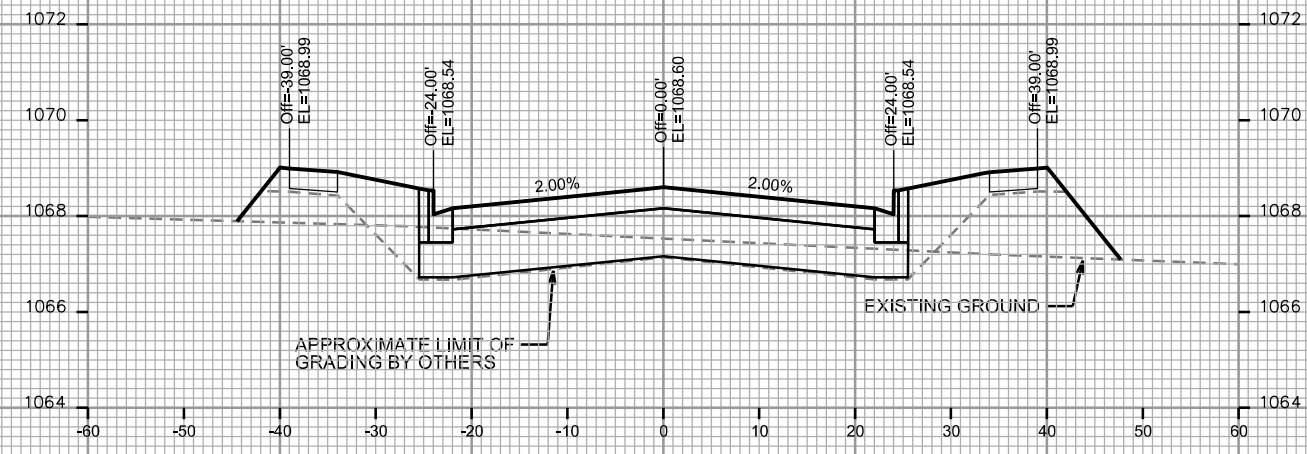
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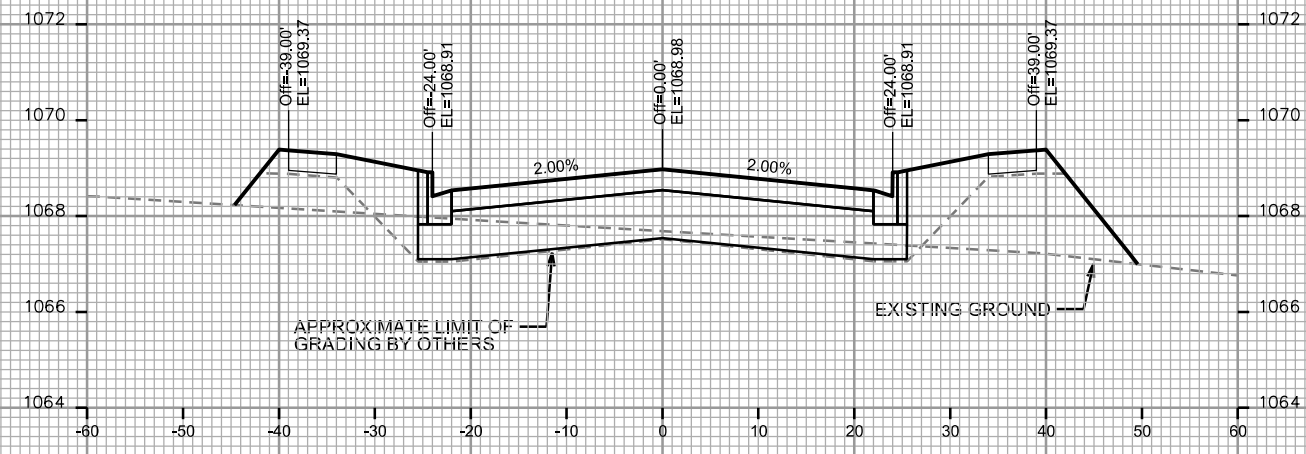
STA. 335+50



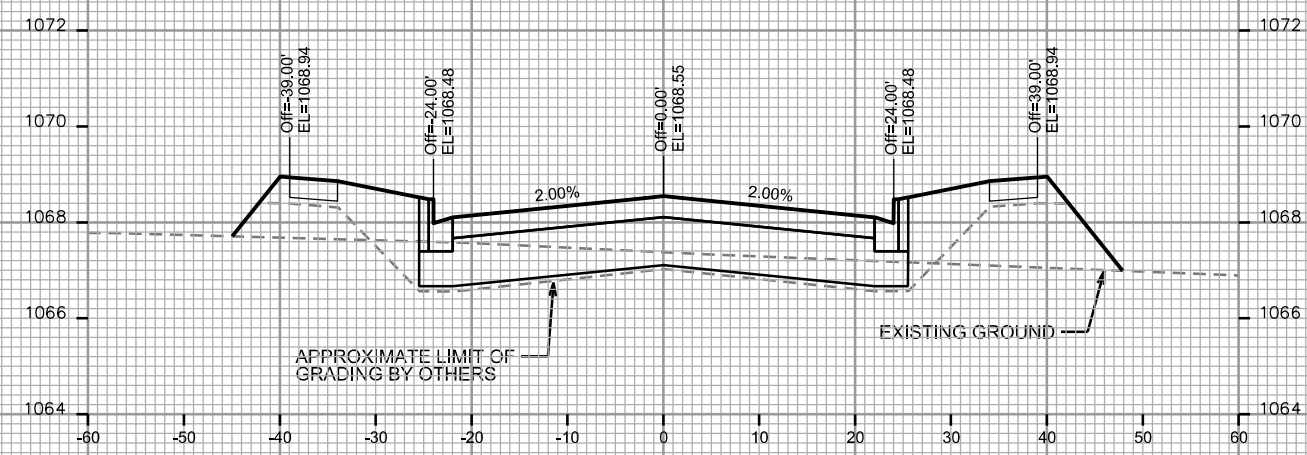
STA. 336+25



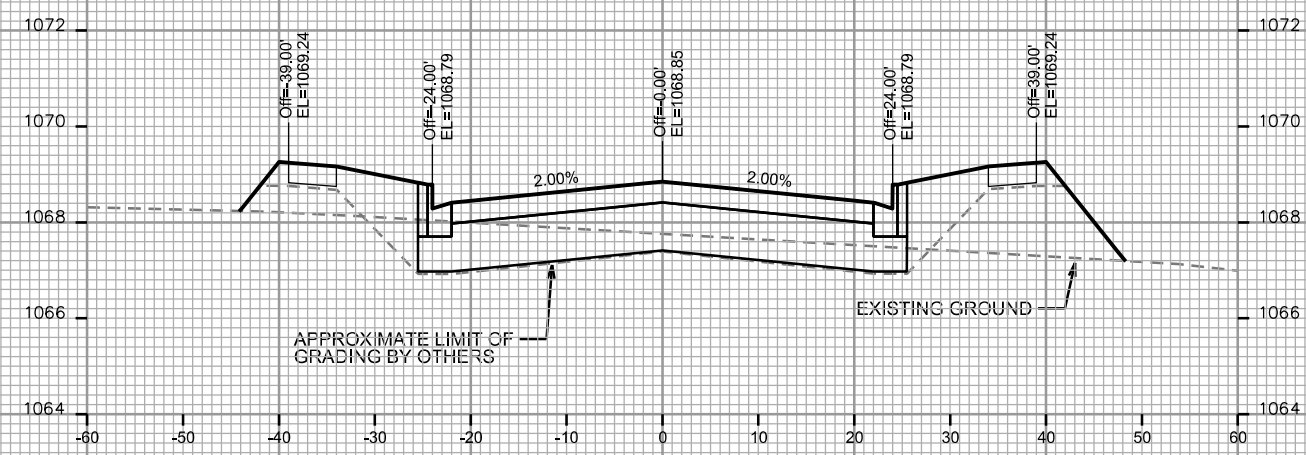
STA. 335+25



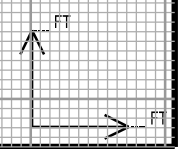
STA. 336+00



STA. 335+00



STA. 335+75



PLOT SCALE: _____

PLOT NAME: _____

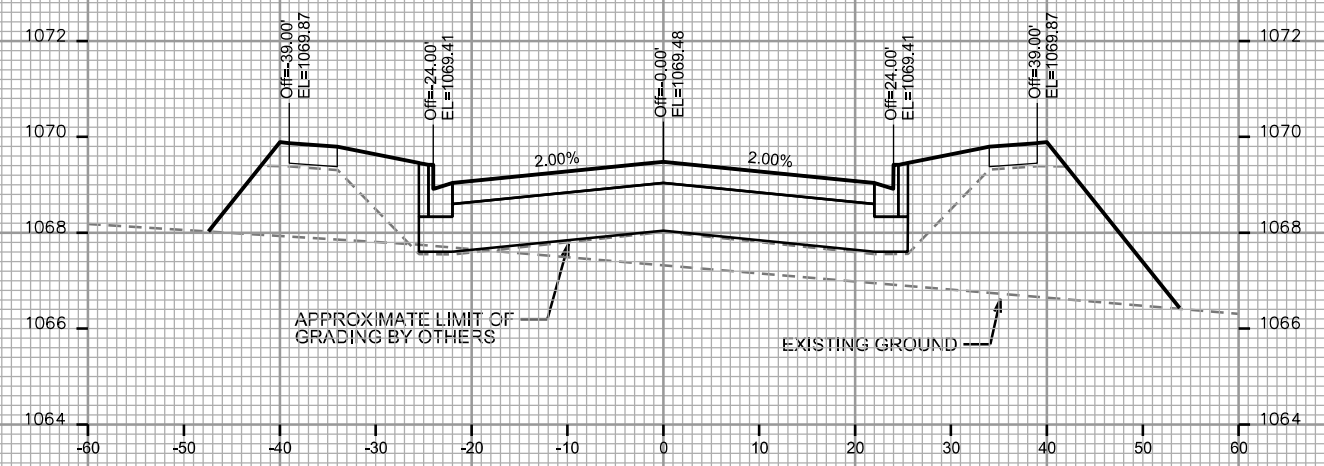
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

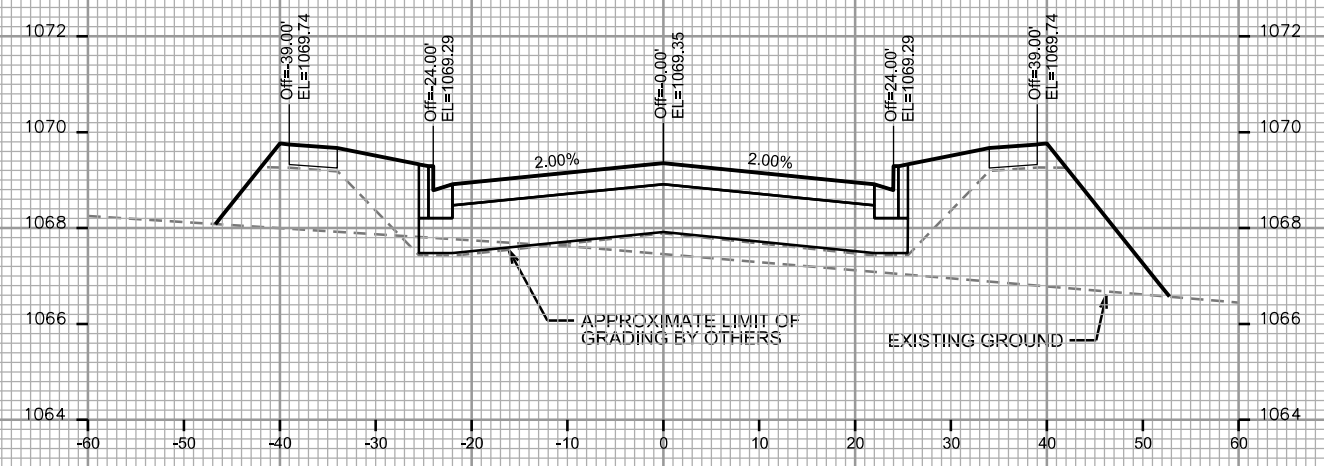
CROSS SECTIONS

WATTS ROAD CITY OF MADISON

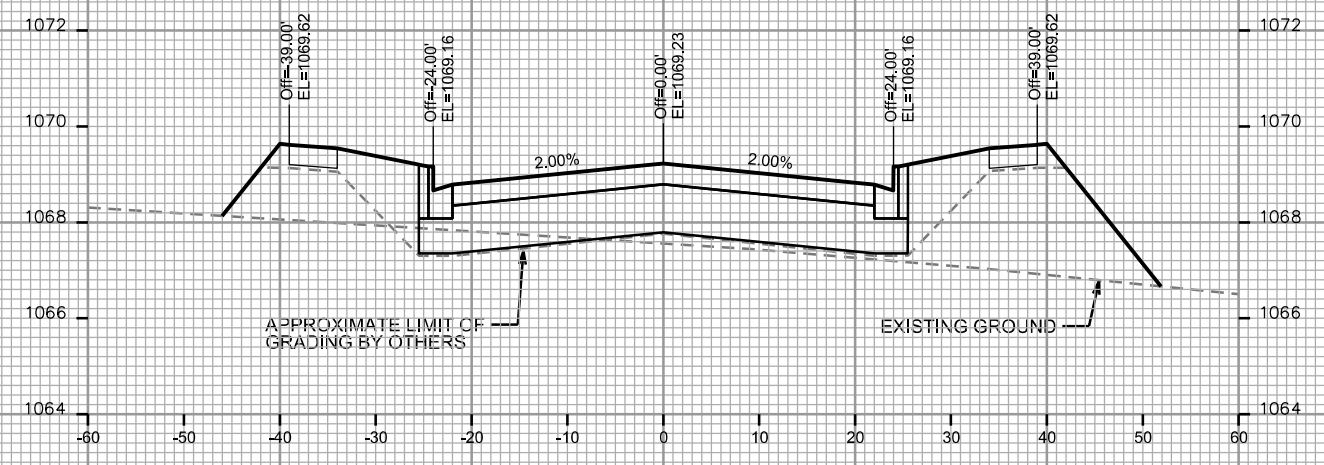
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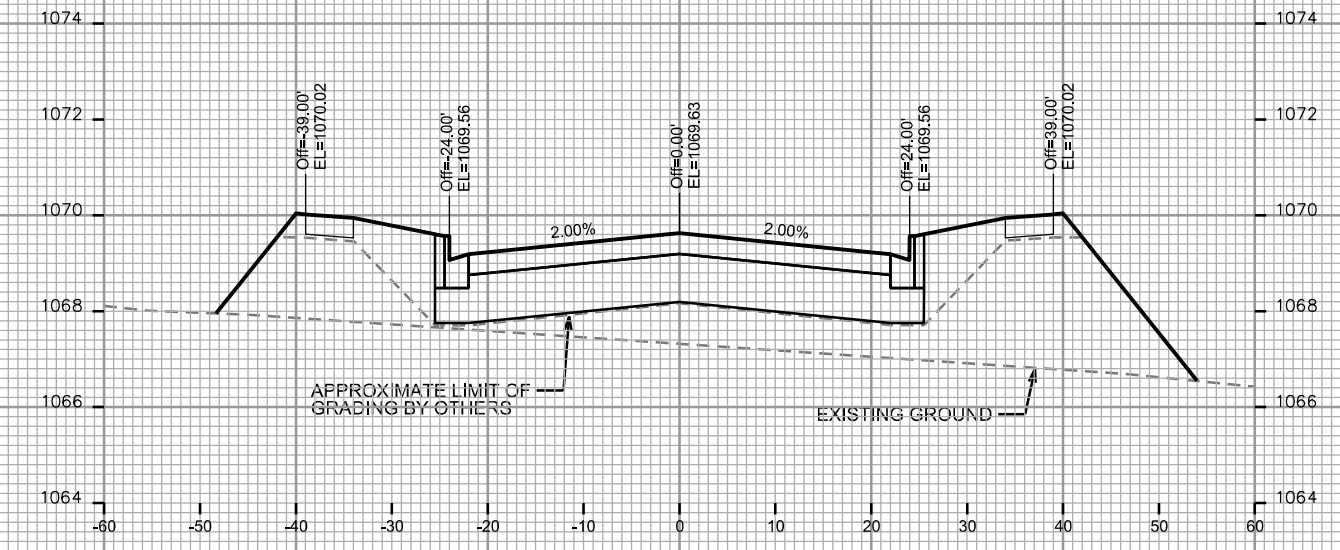
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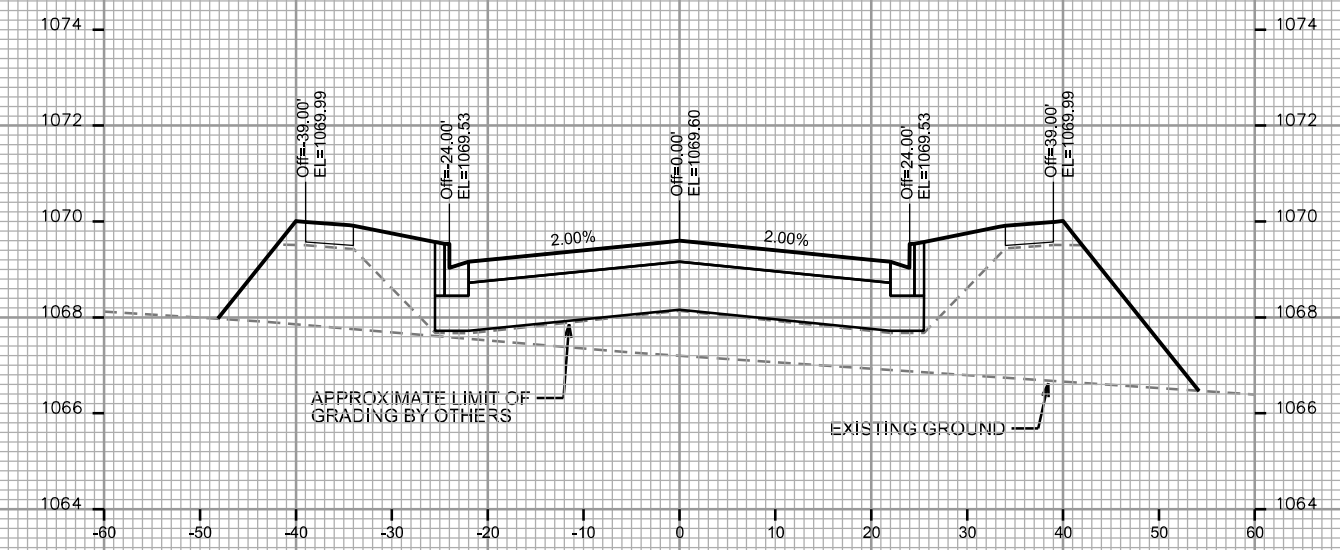
STA. 336+75



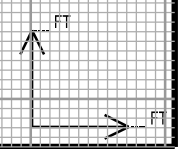
STA. 336+50



STA. 337+50



STA. 337+25



PLOT SCALE: _____

PLOT NAME: _____

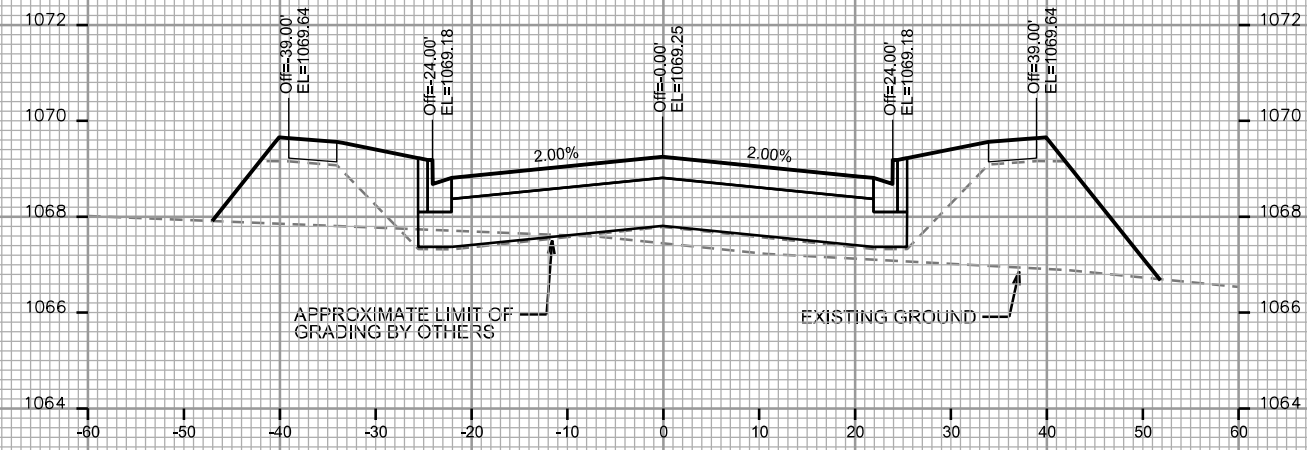
REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

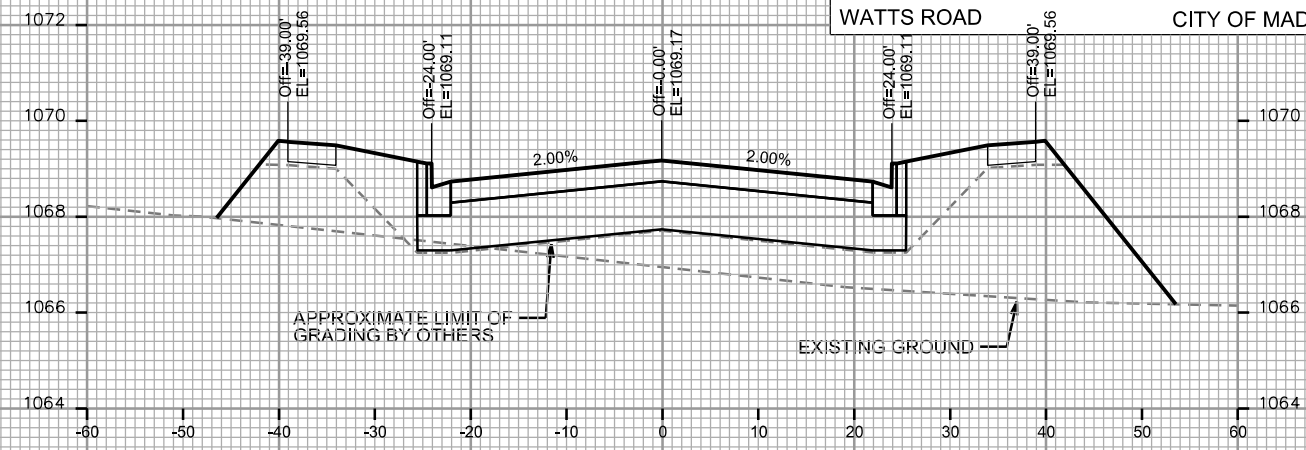
CROSS SECTIONS

WATTS ROAD CITY OF MADISON

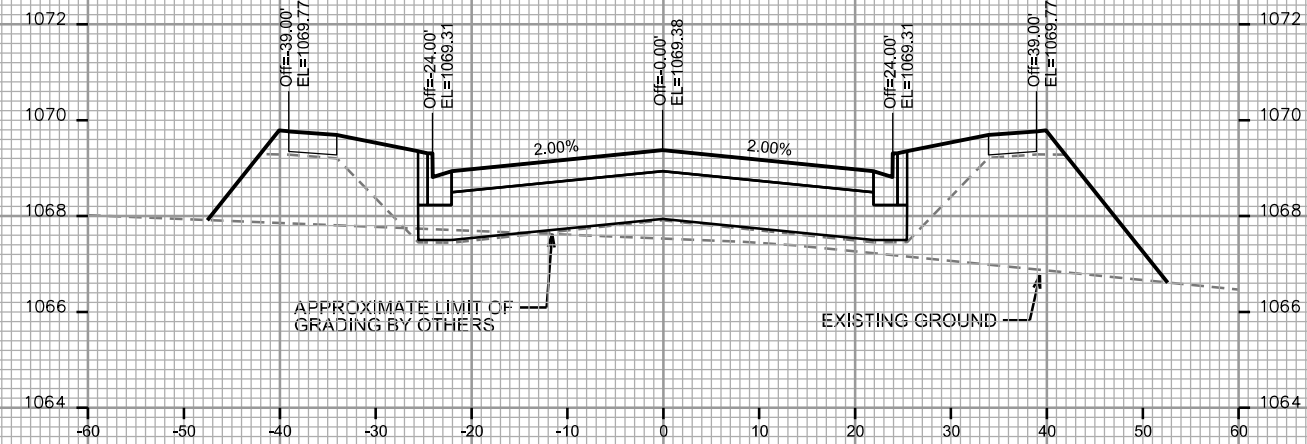
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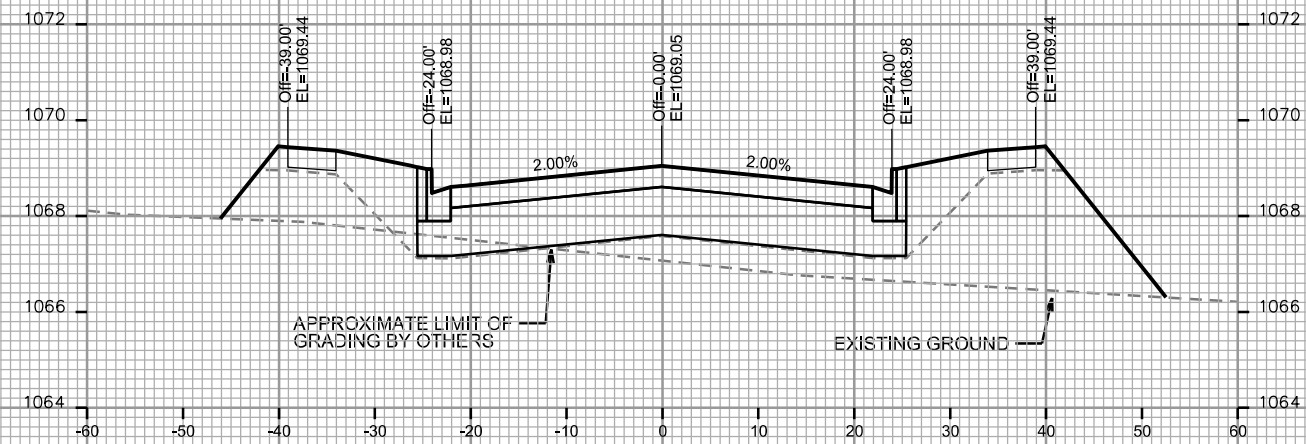
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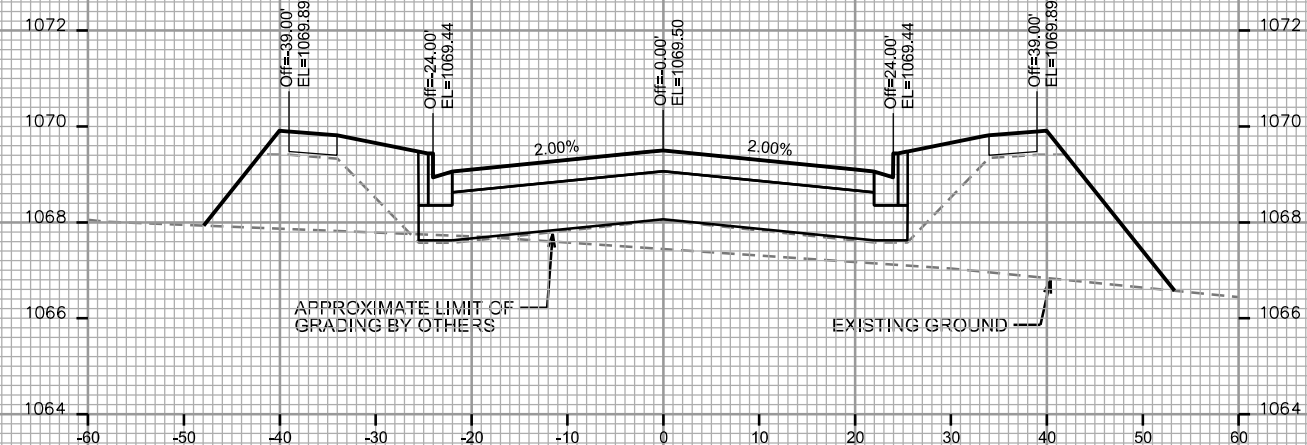
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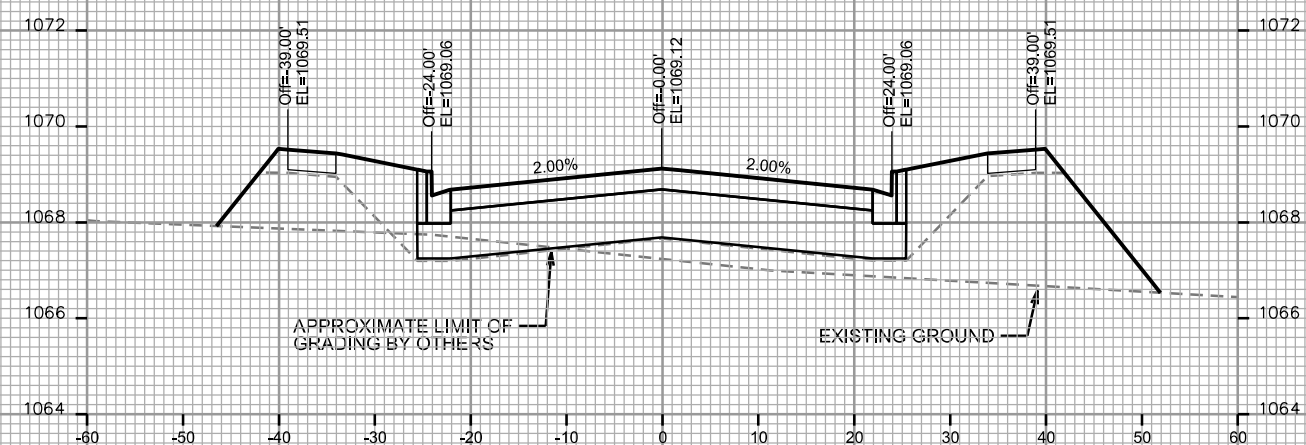
STA. 338+00



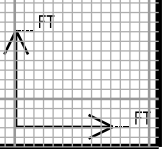
STA. 338+75



STA. 337+75



STA. 338+50



PLOT SCALE: _____

PLOT NAME: _____

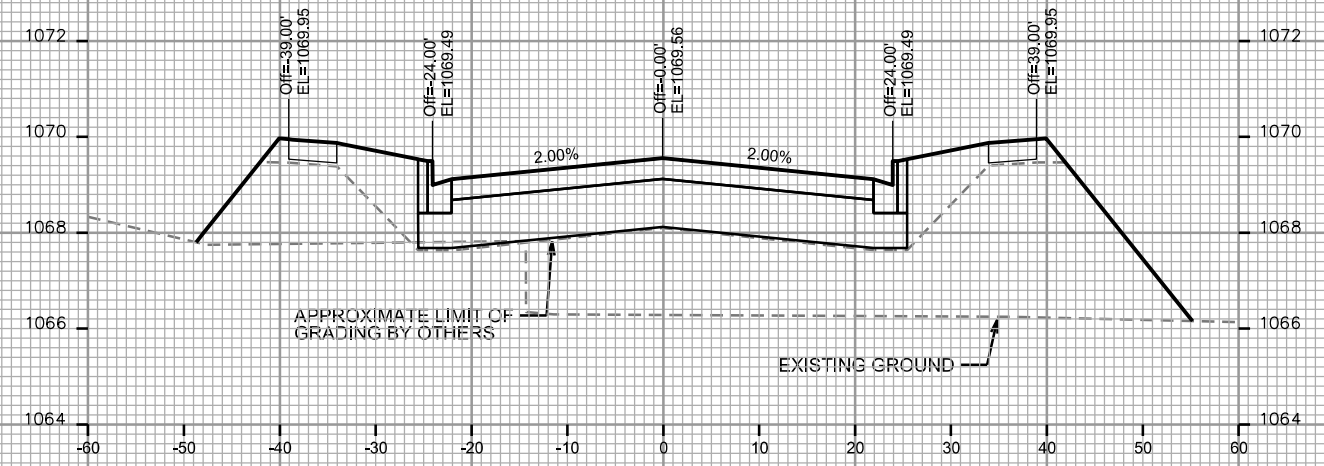
REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

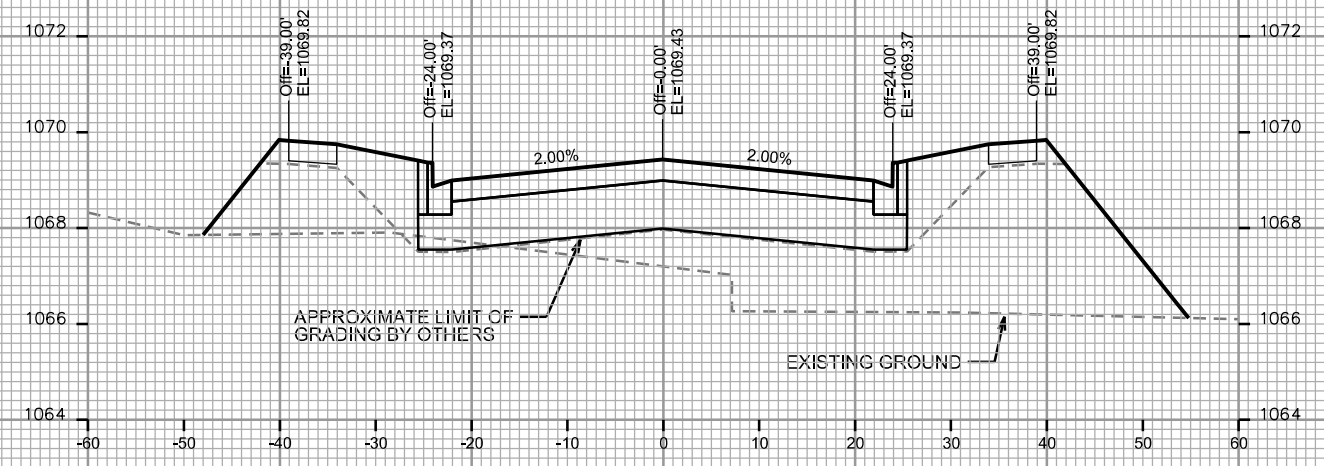
CROSS SECTIONS

WATTS ROAD CITY OF MADISON

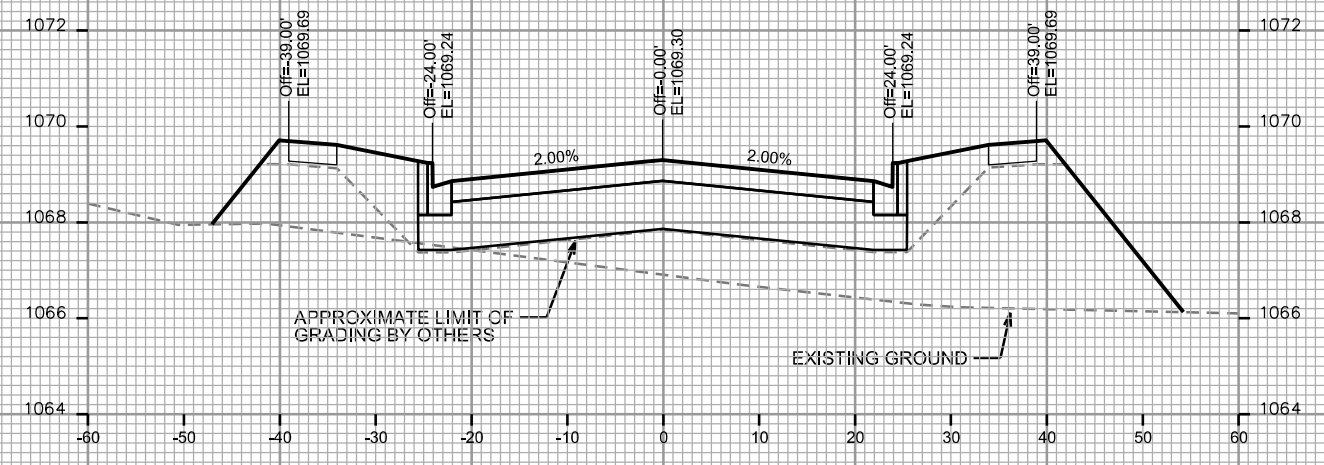
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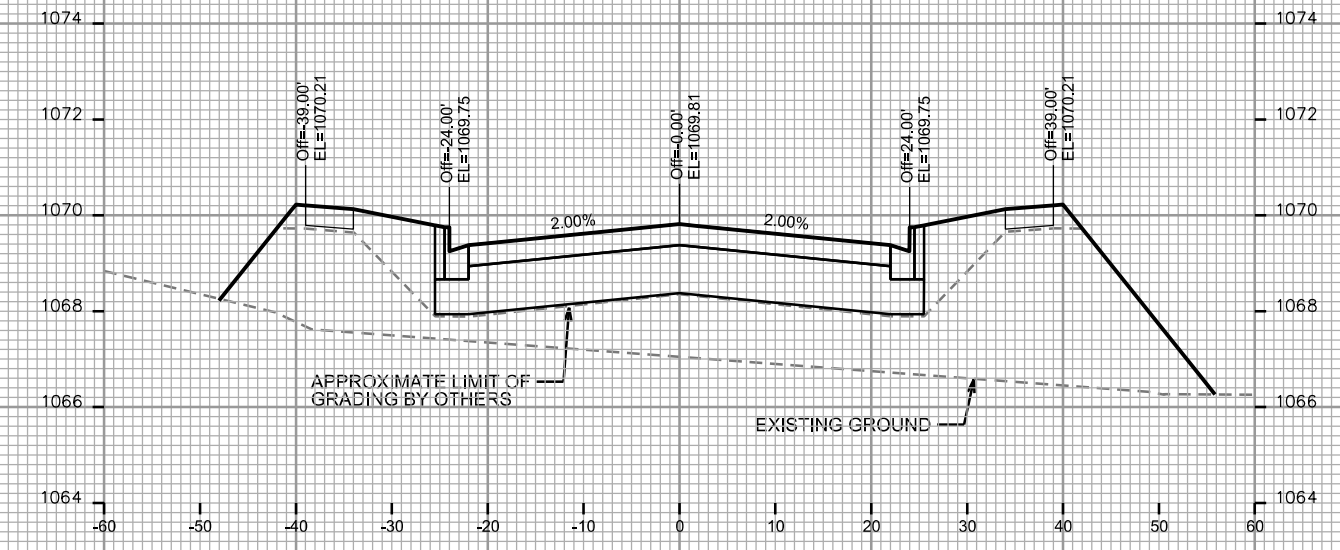
STA. 339+75



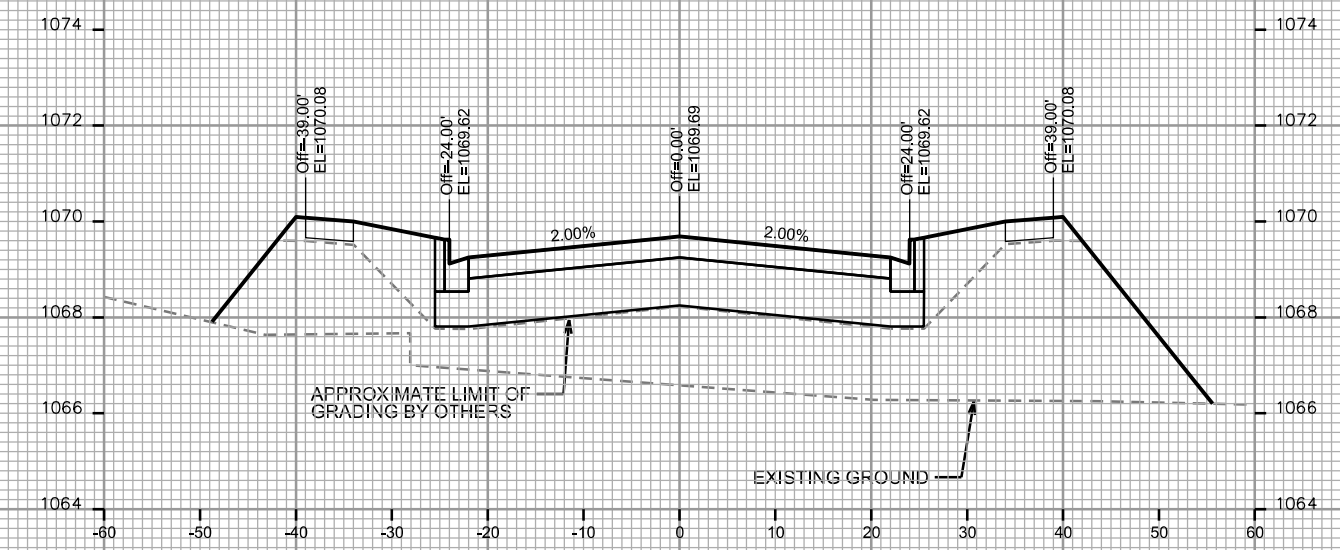
STA. 339+50



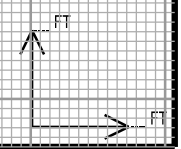
STA. 339+25



STA. 340+25



STA. 340+00



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

CROSS SECTIONS

WATTS ROAD CITY OF MADISON

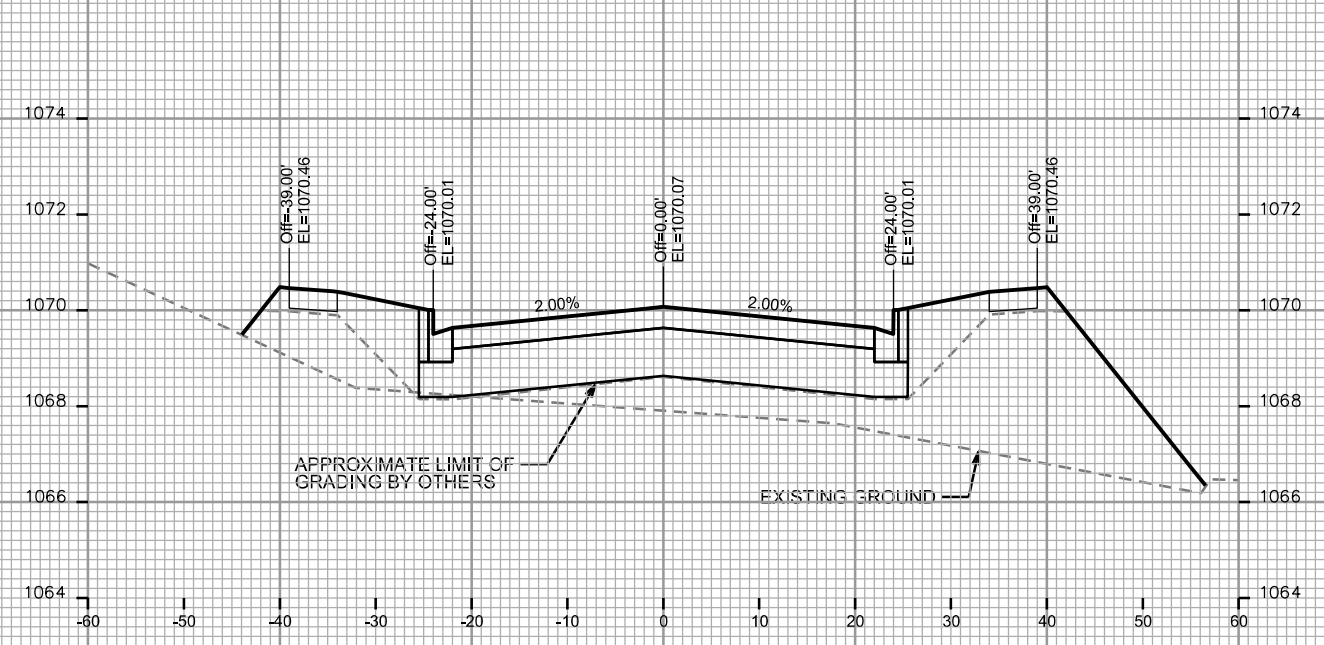
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PLOT SCALE: _____

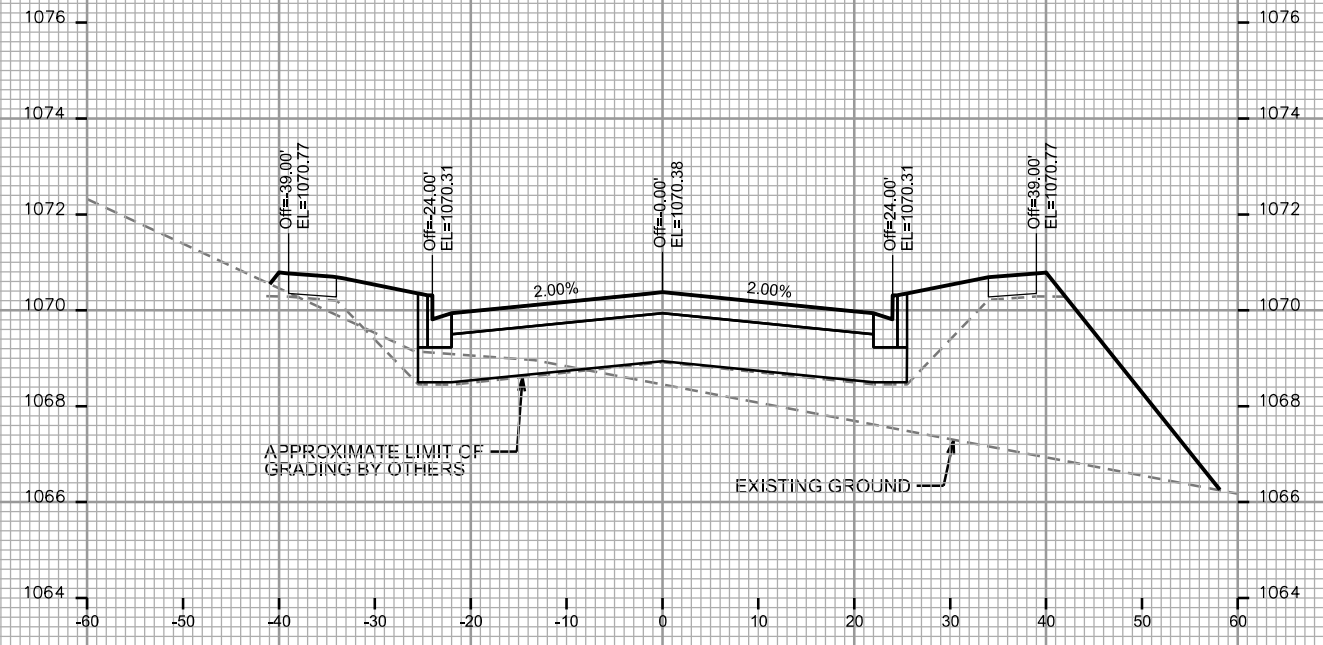
PLOT NAME: _____

REV. DATE: _____

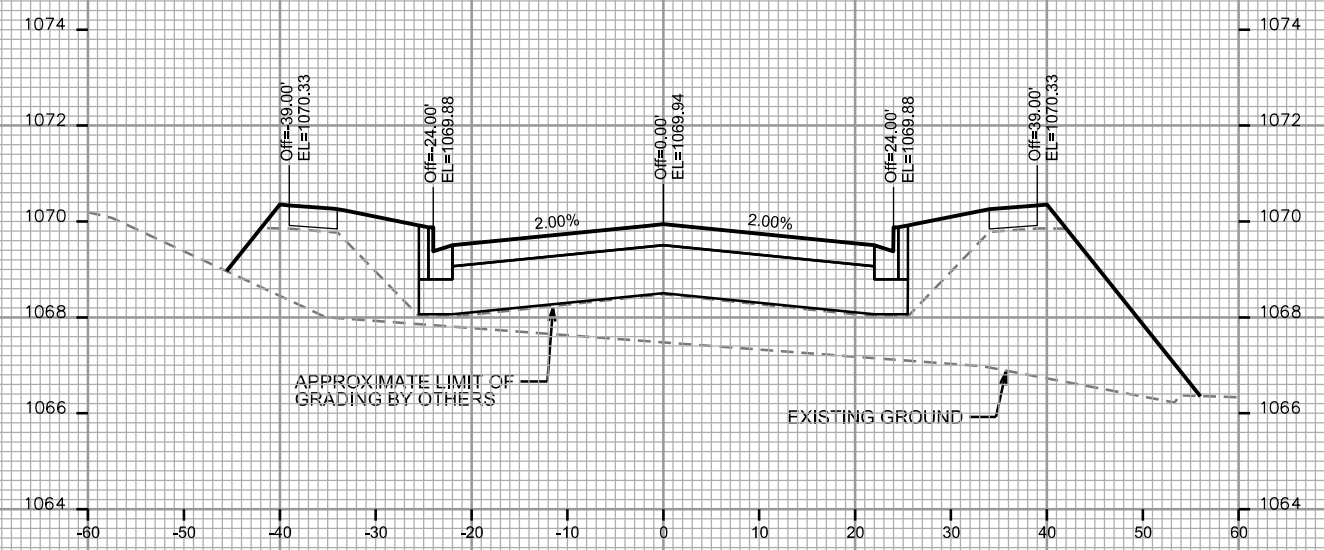
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



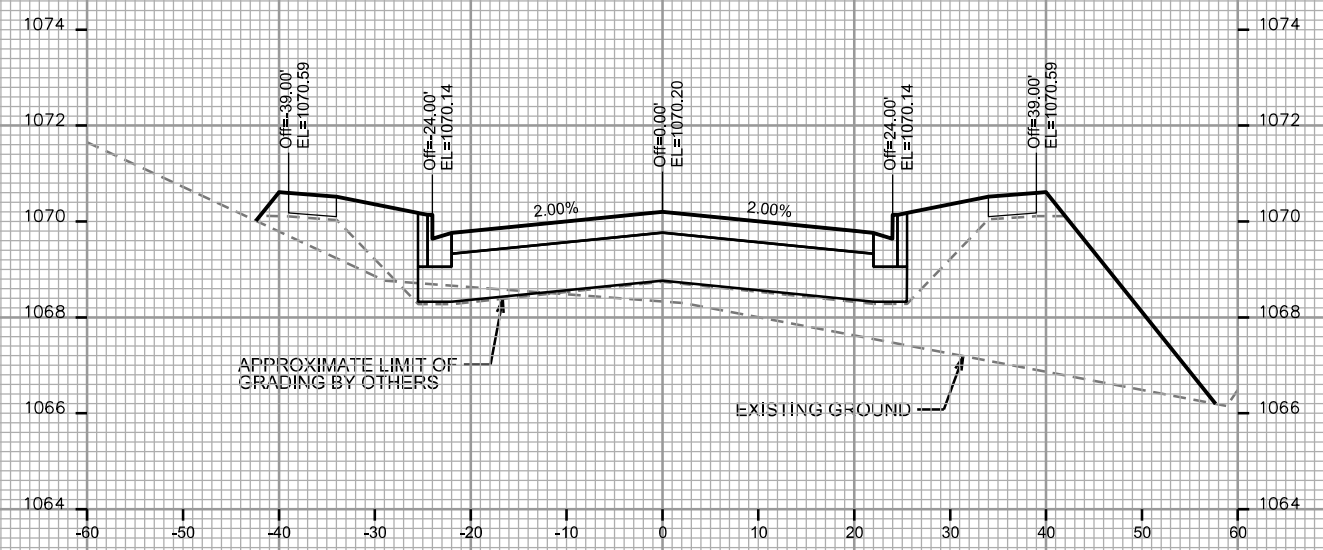
STA. 340+75



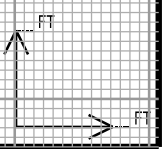
STA. 341+25



STA. 340+50



STA. 341+00



CROSS SECTIONS

WATT ROAD

CITY OF MADISON

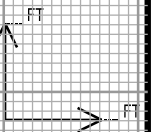
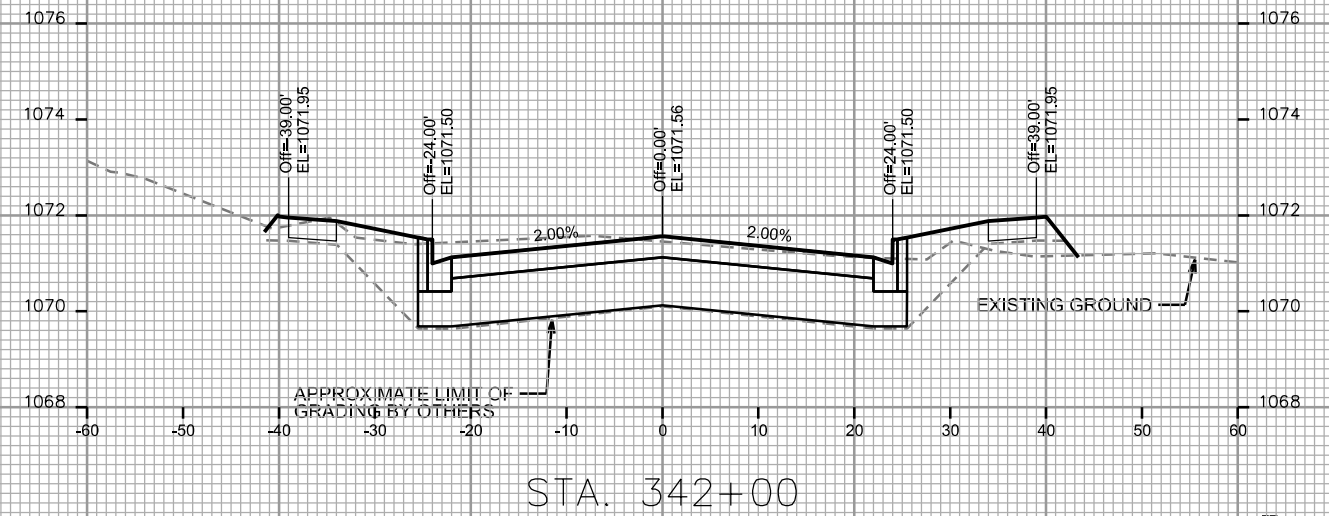
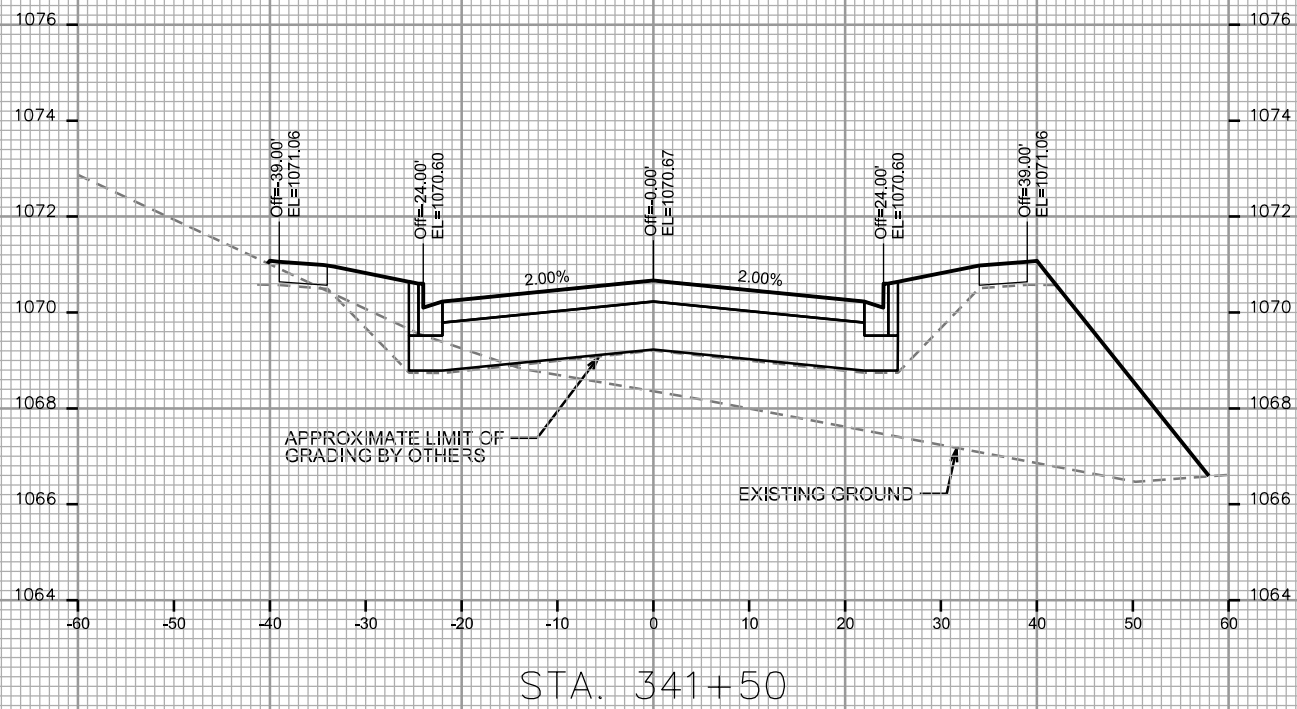
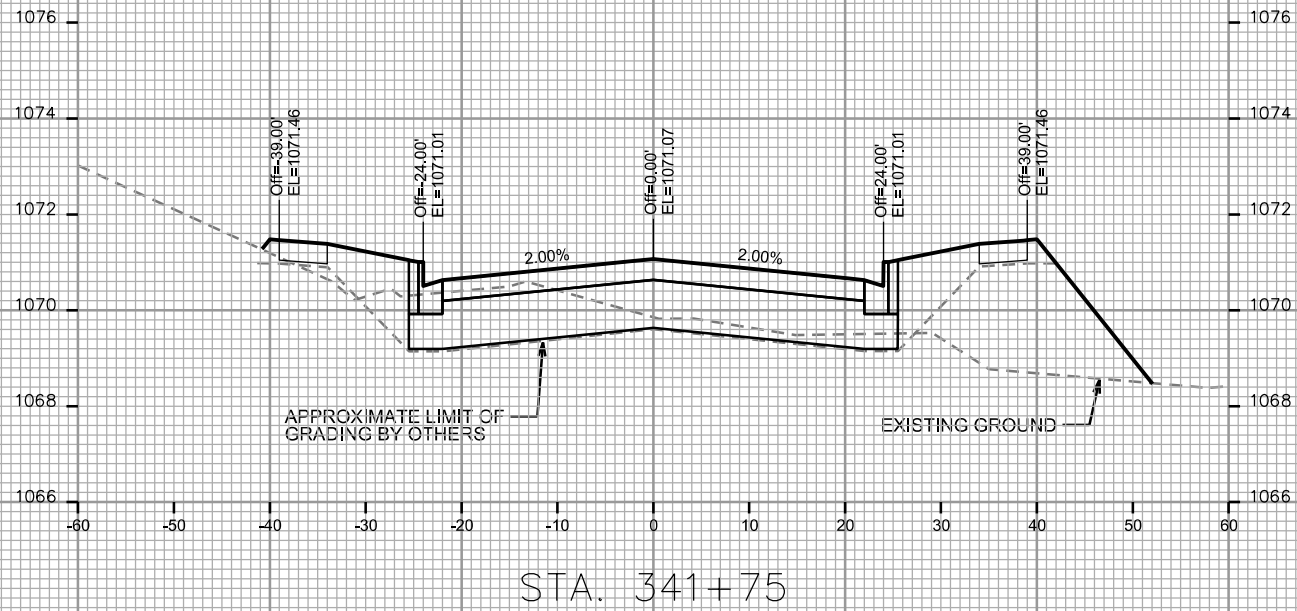
NOTE: WATTS ROAD TO BE GRADED TO SUBGRADE ELEVATION BY OTHERS. EXCAVATION & FILL QUANTITIES WILL BE CALCULATED AFTER COMPLETION OF GRADING BY OTHERS. TYP FOR WATTS ROAD RIGHT OF WAY.

PLOT SCALE: _____

PLOT NAME: _____

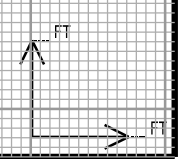
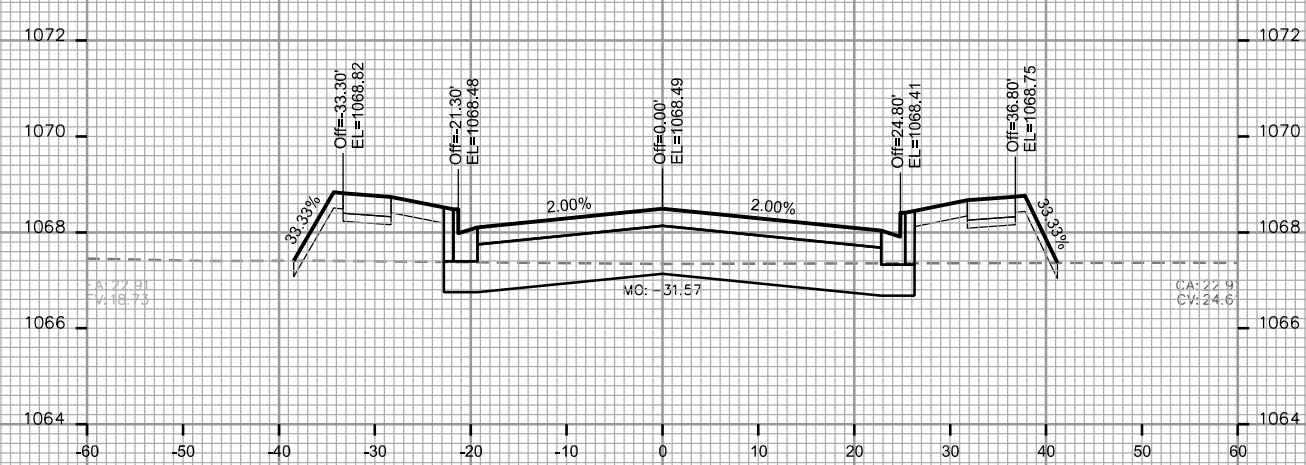
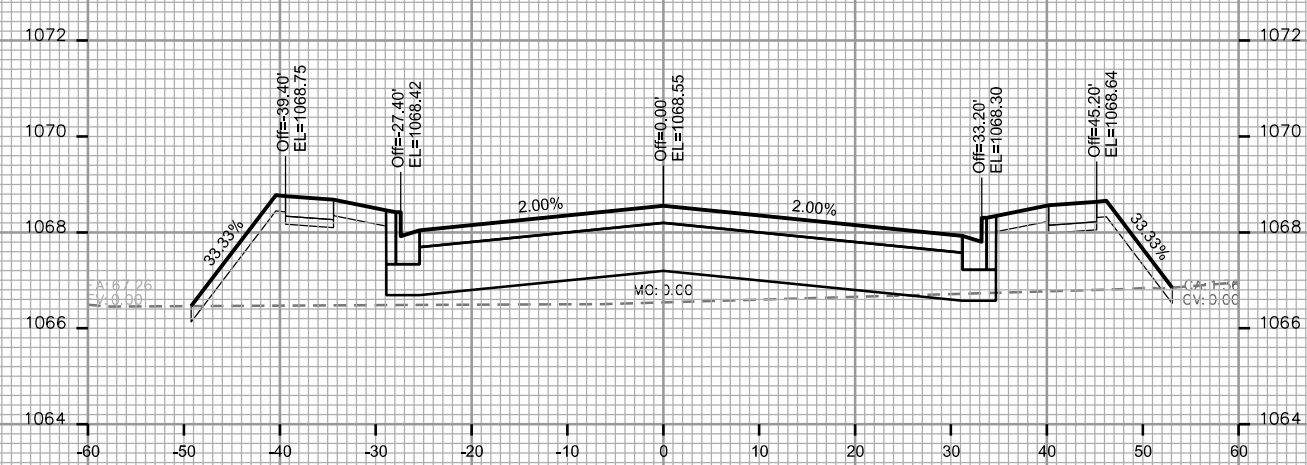
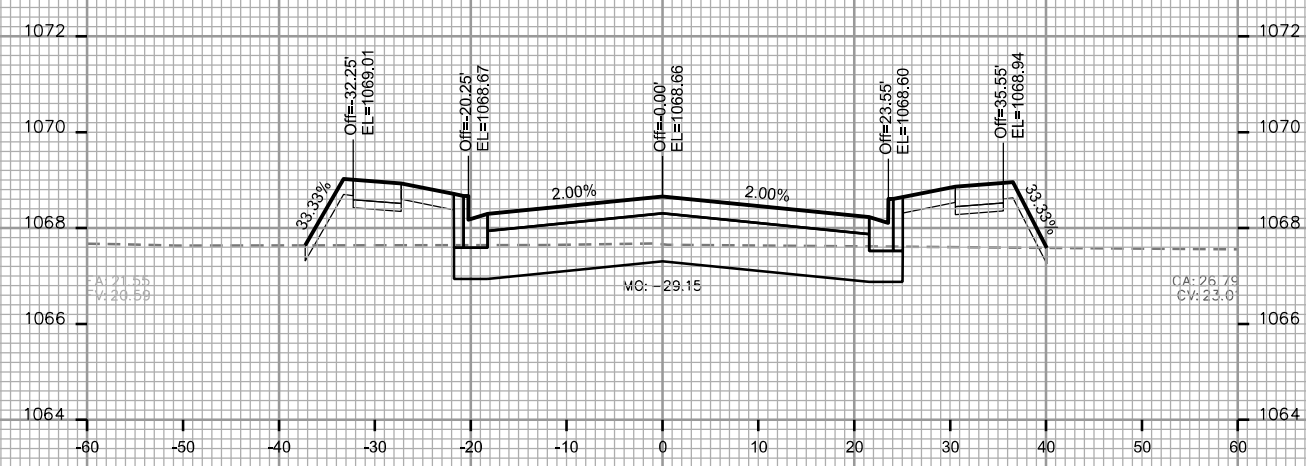
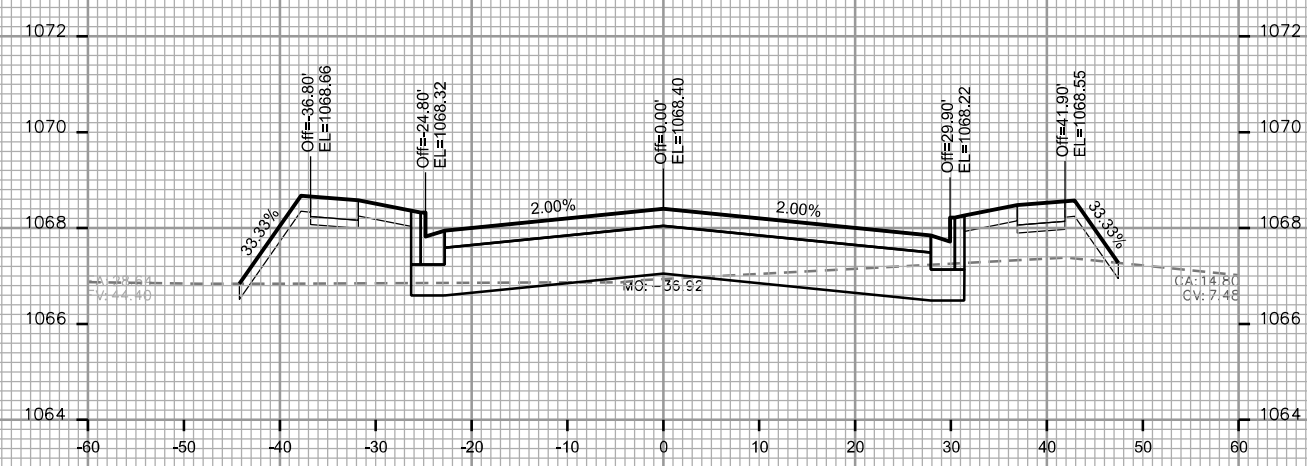
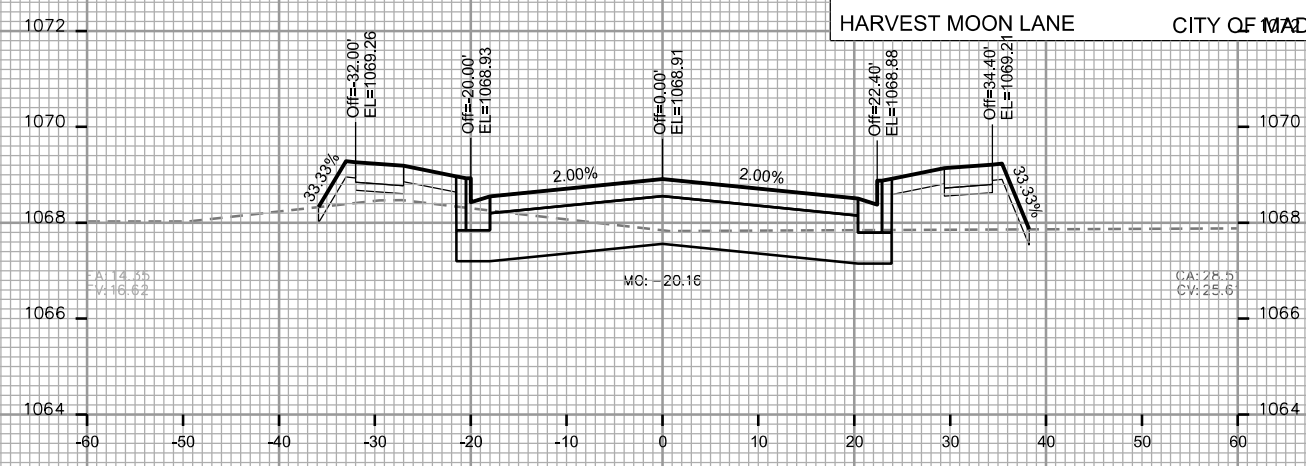
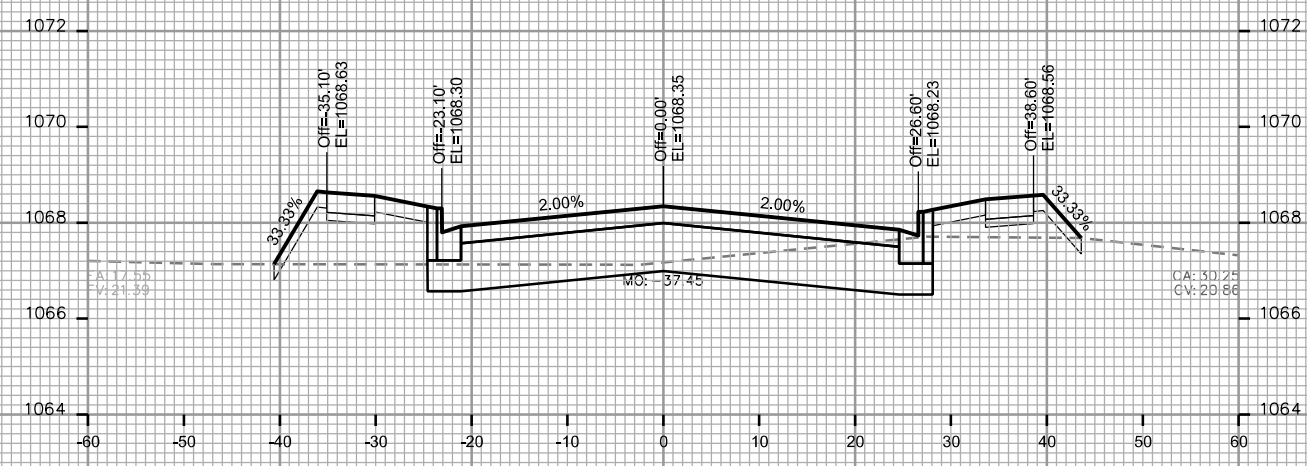
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

HARVEST MOON LANE CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

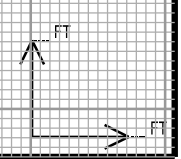
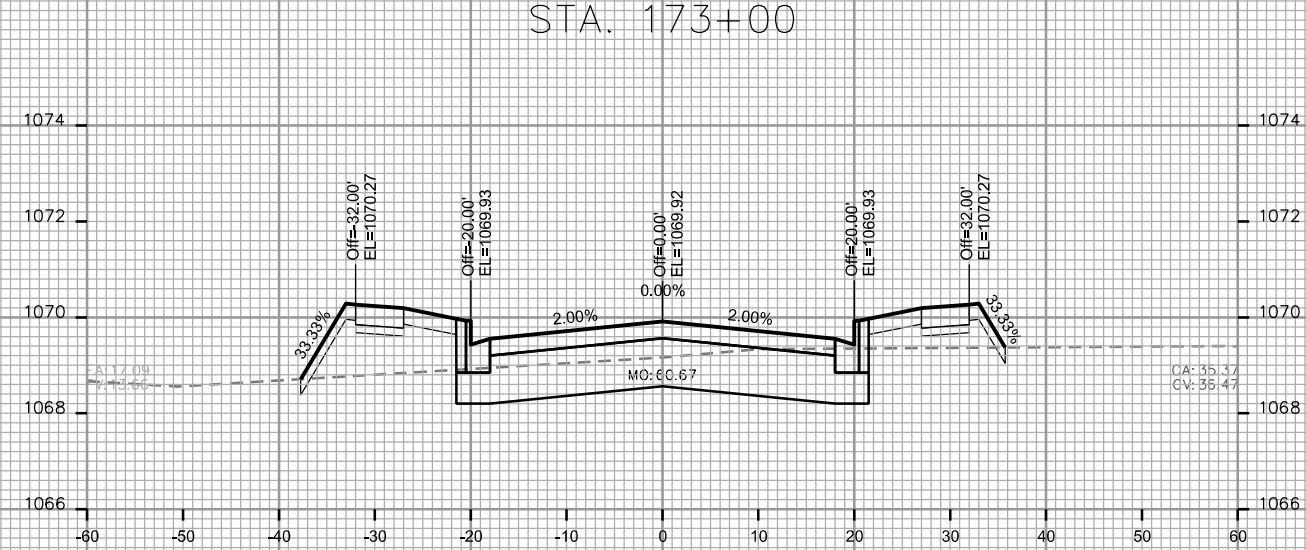
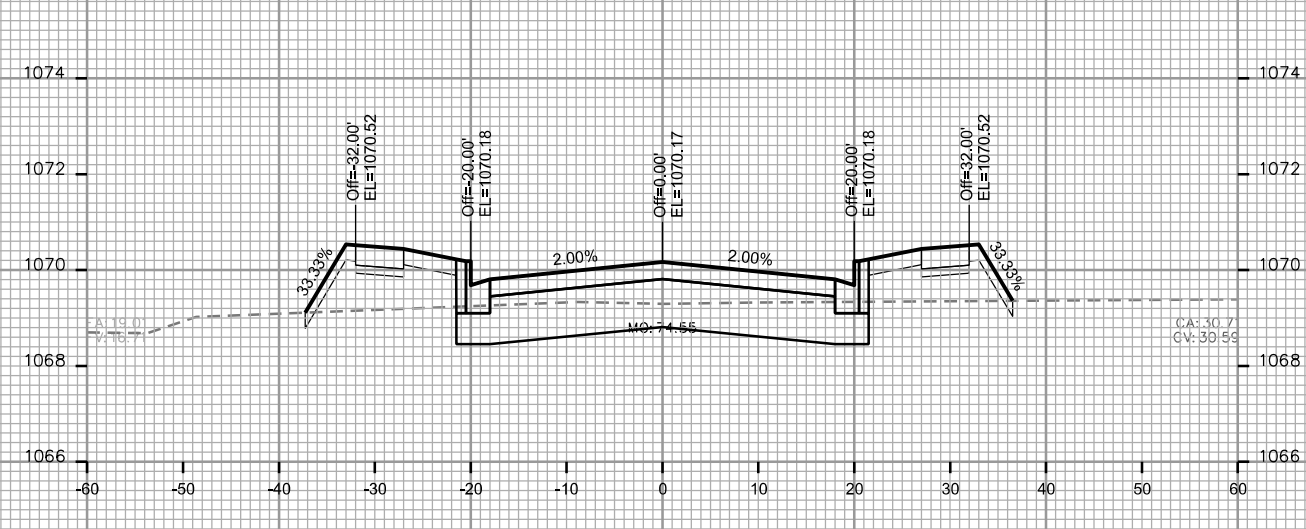
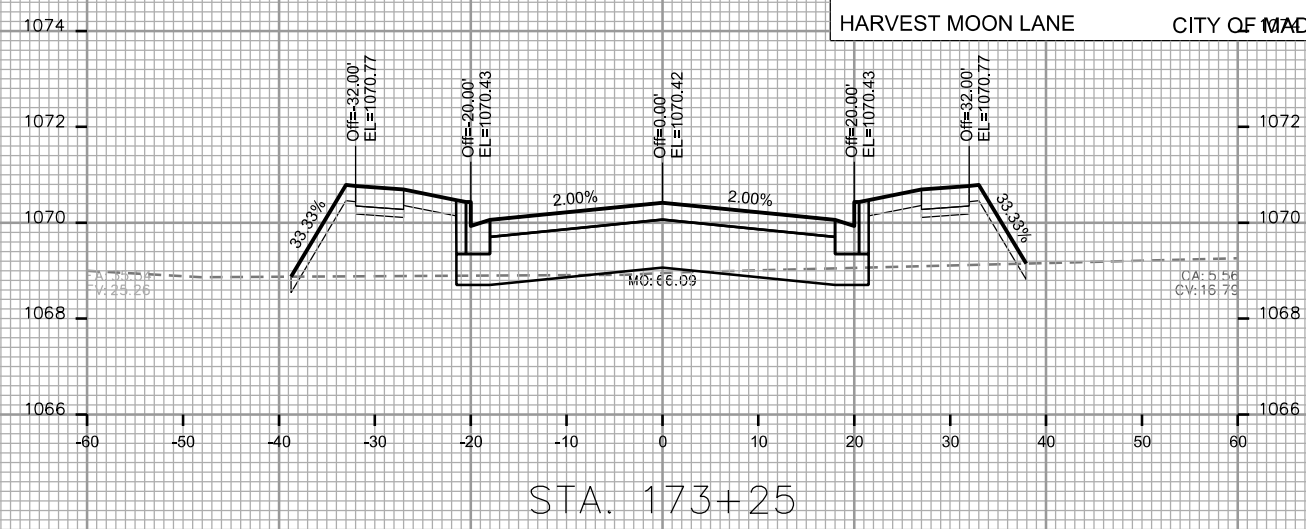
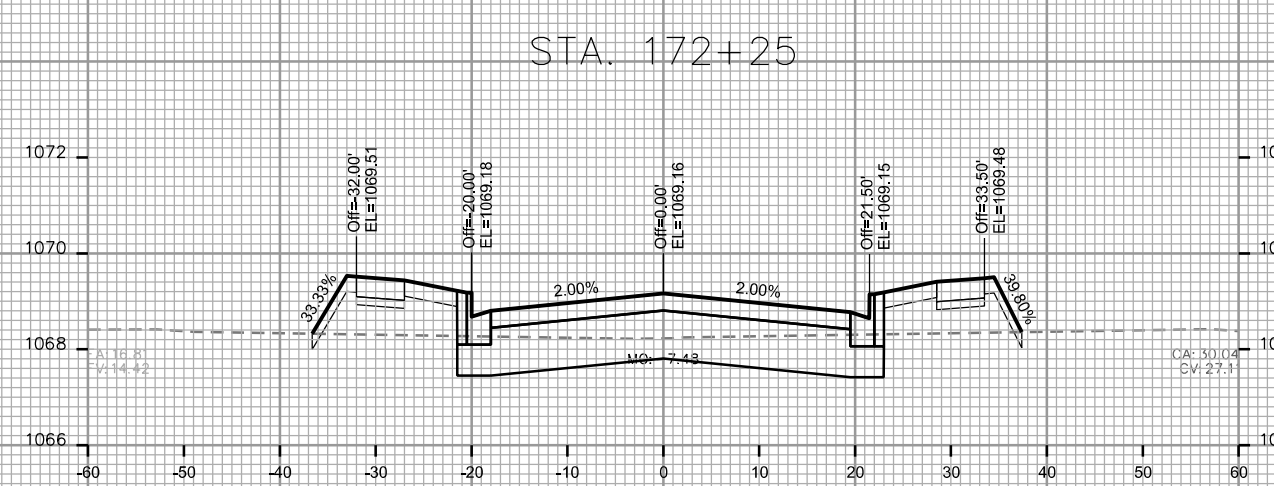
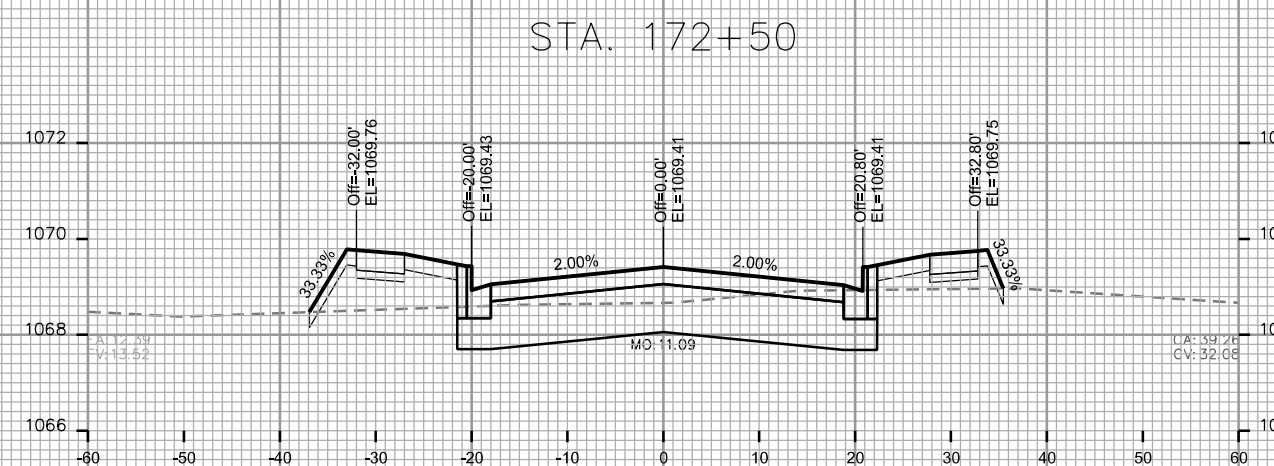
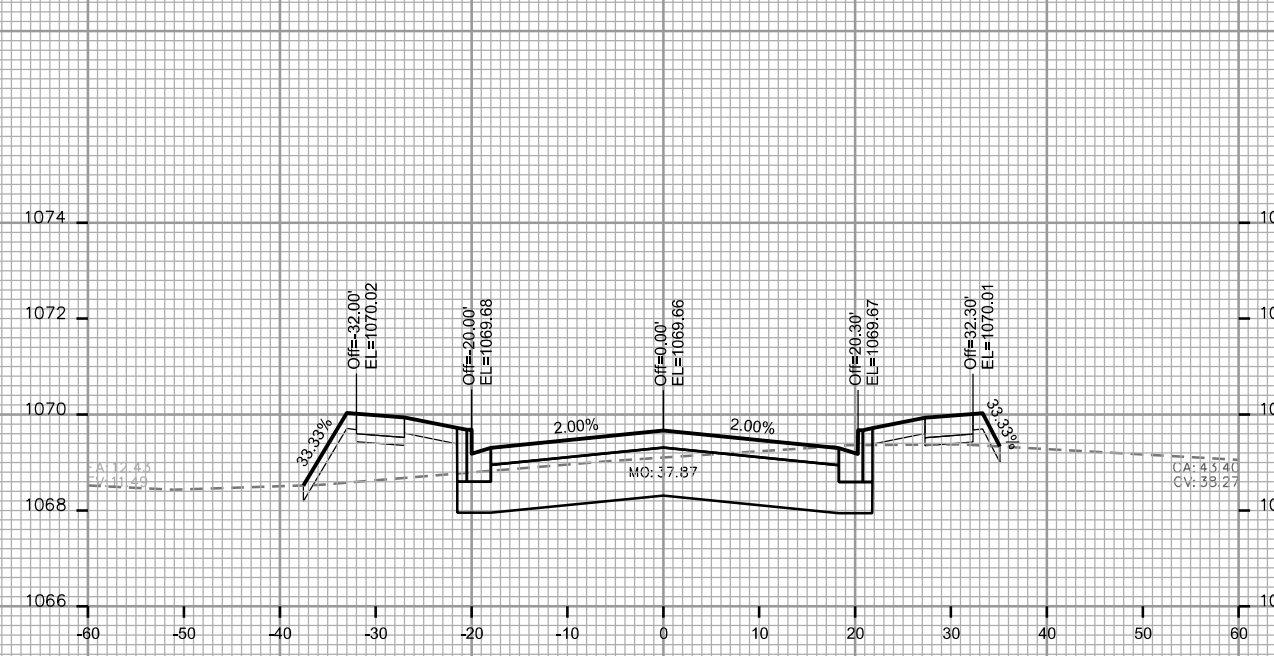
CROSS SECTIONS
HARVEST MOON LANE CITY OF MADISON

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

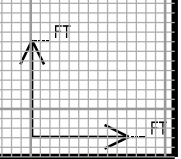
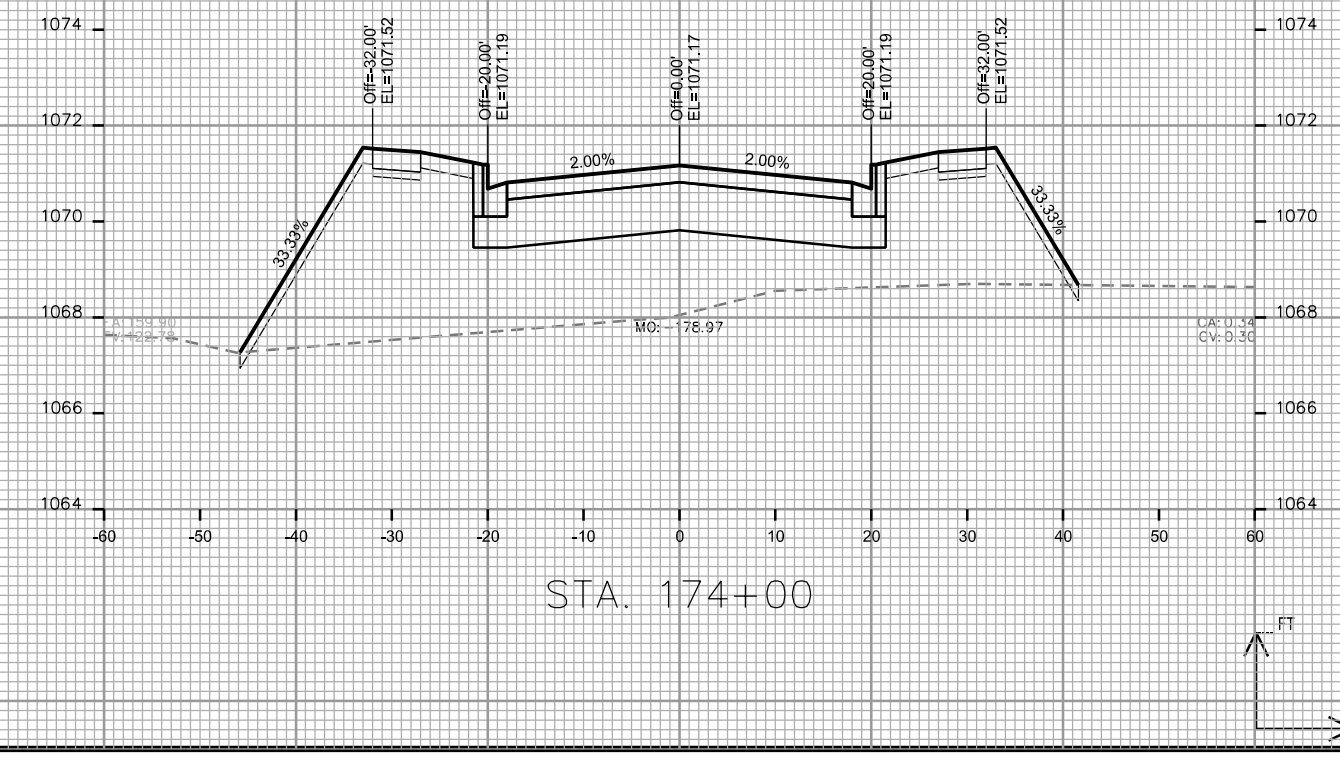
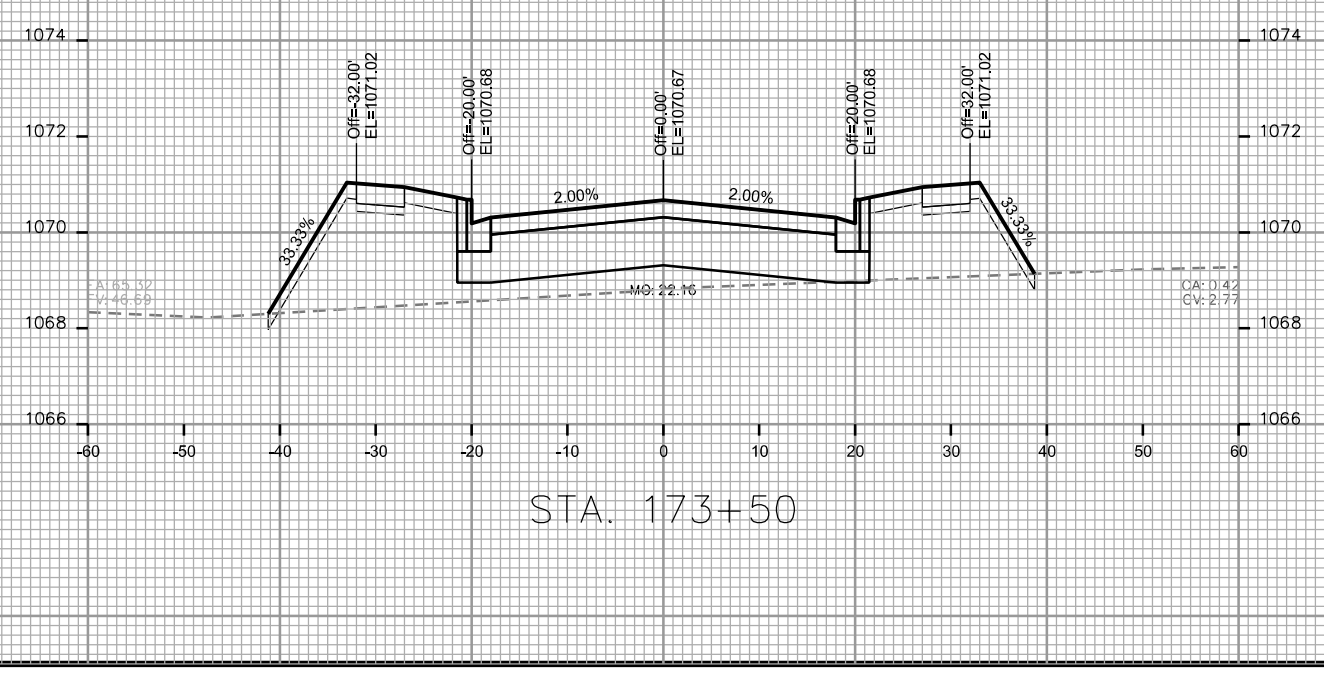
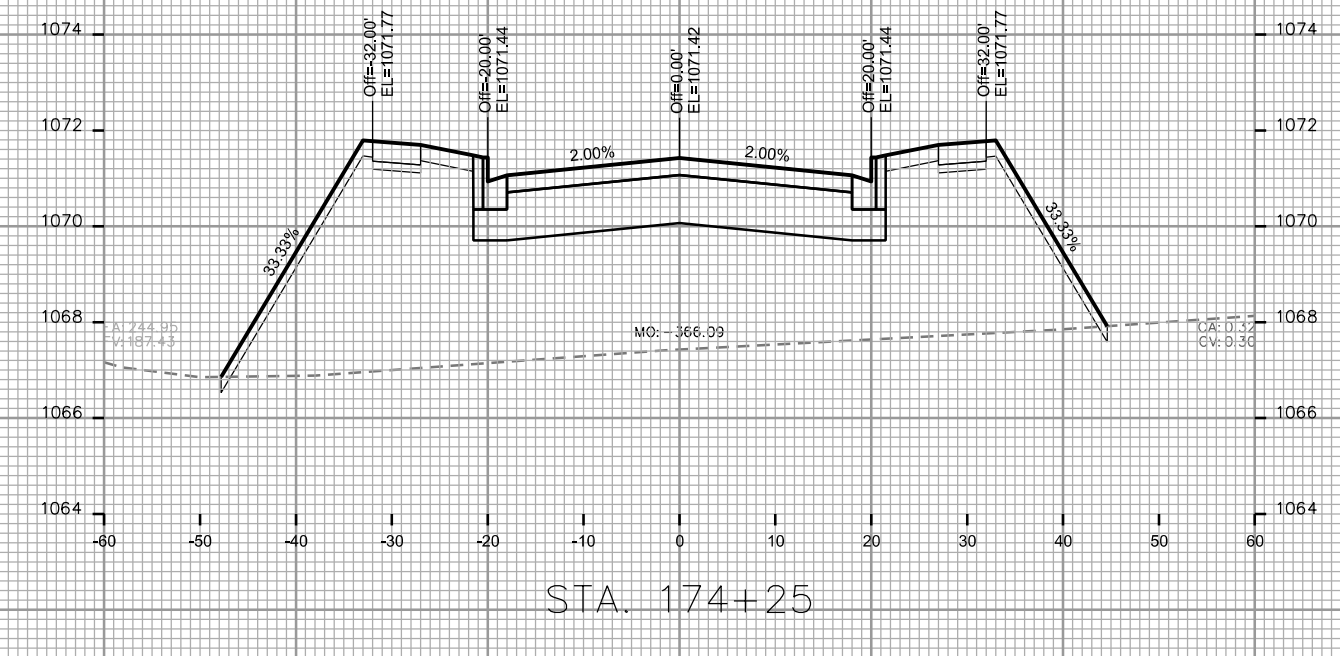
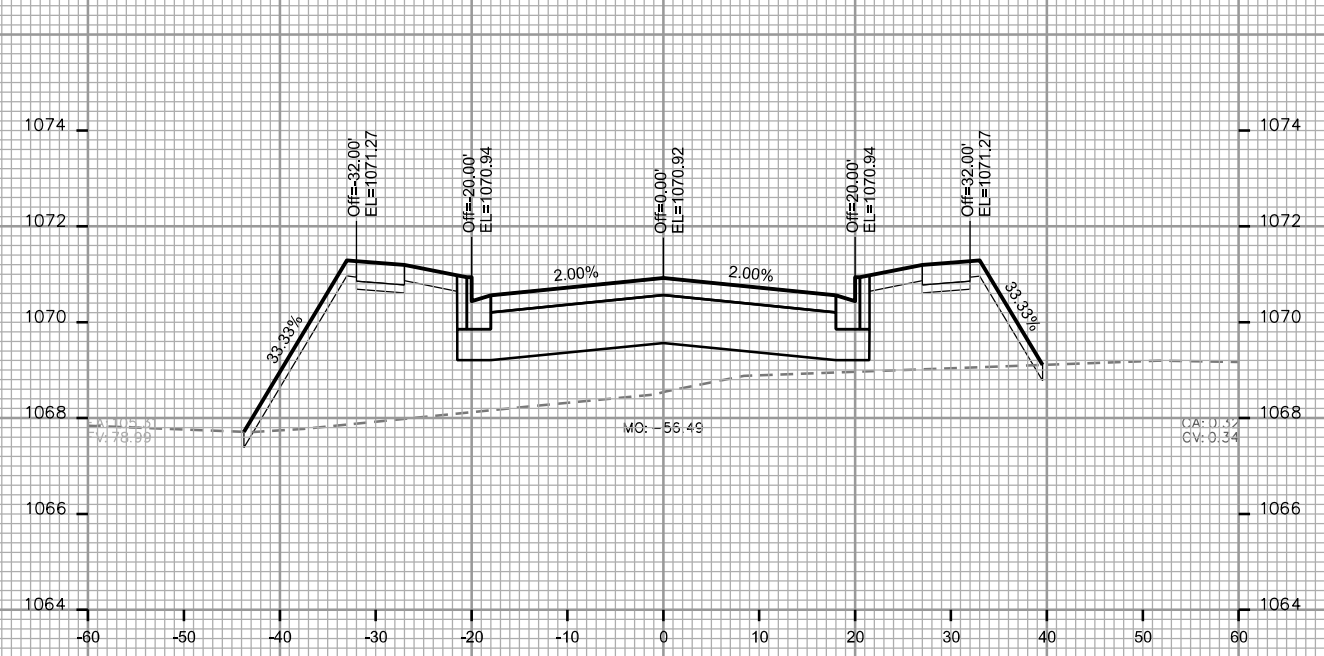


PLOT SCALE: _____

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REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

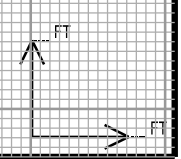
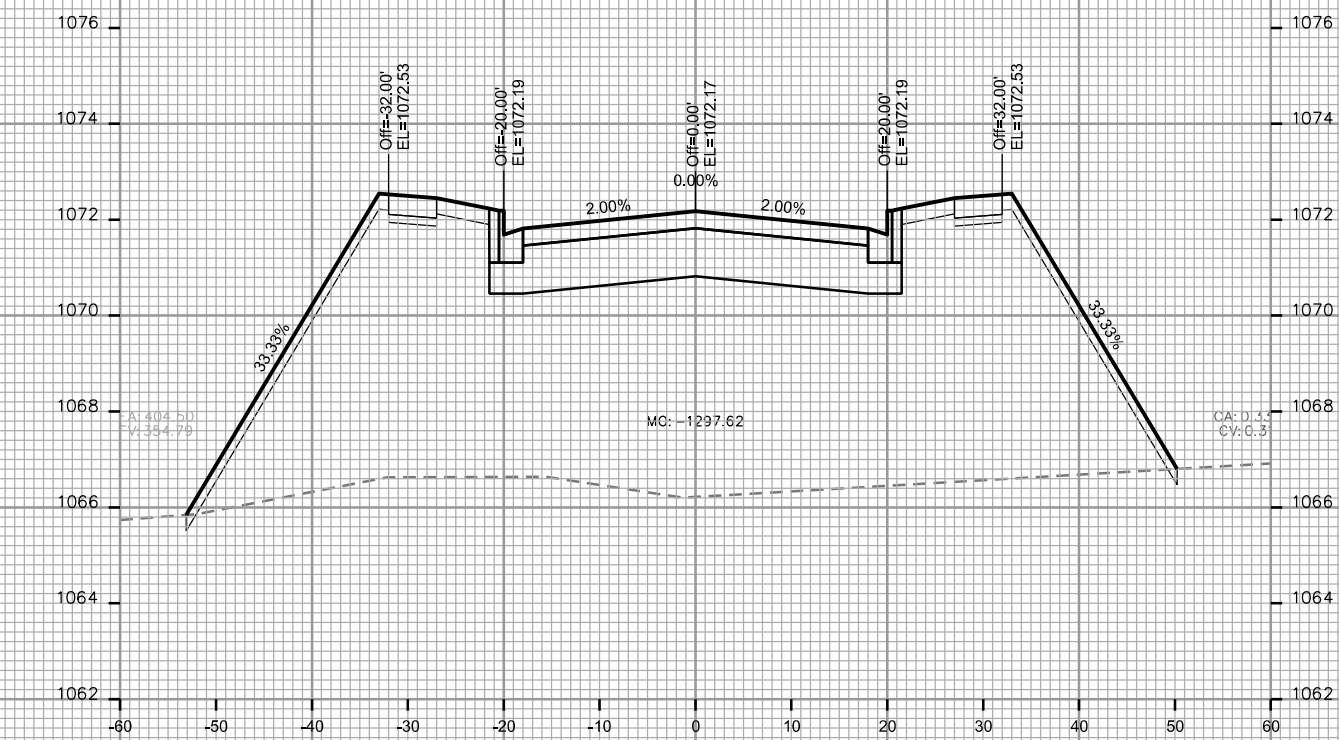
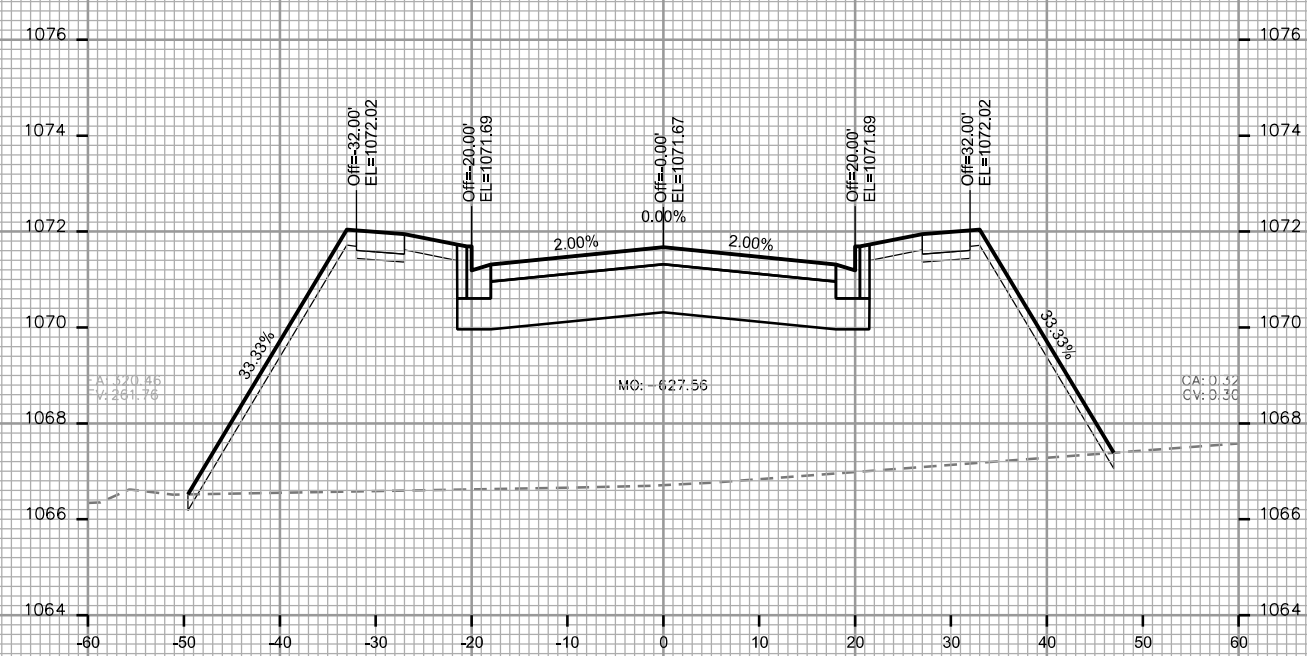
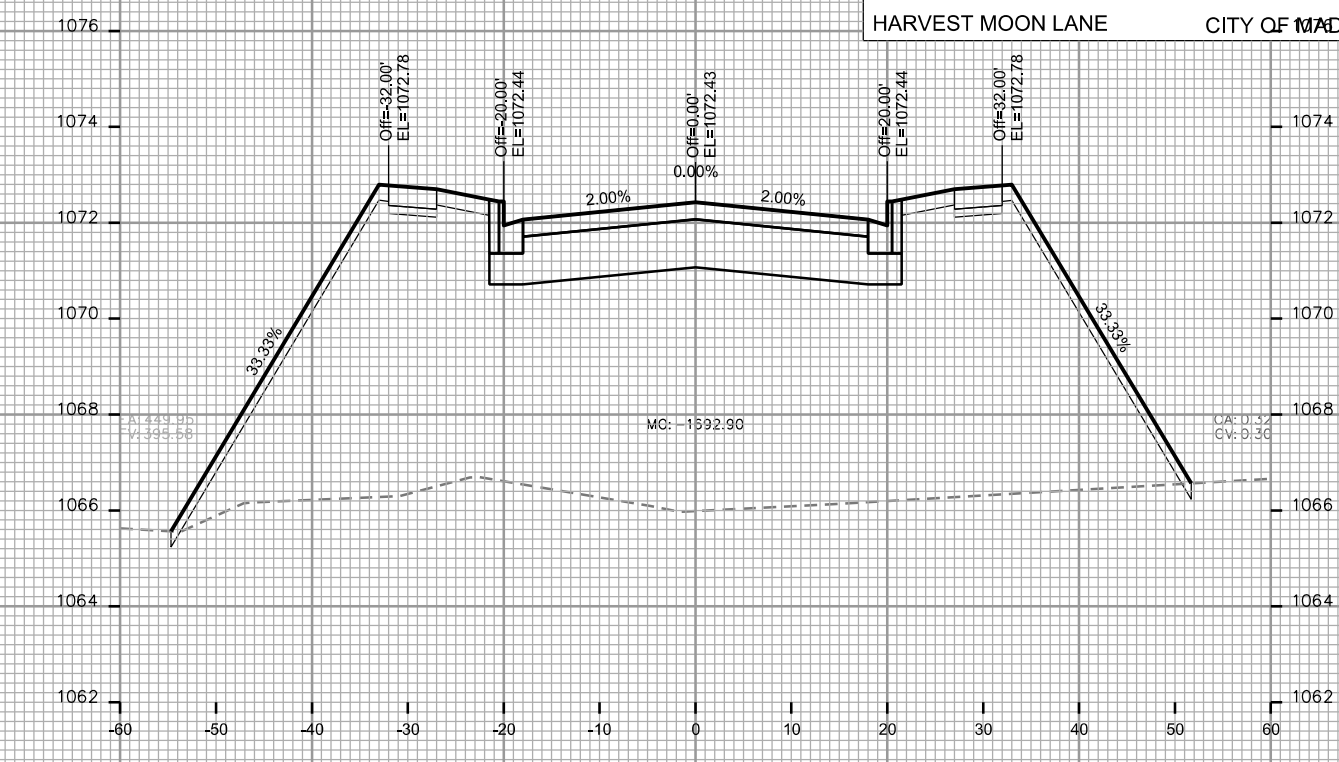
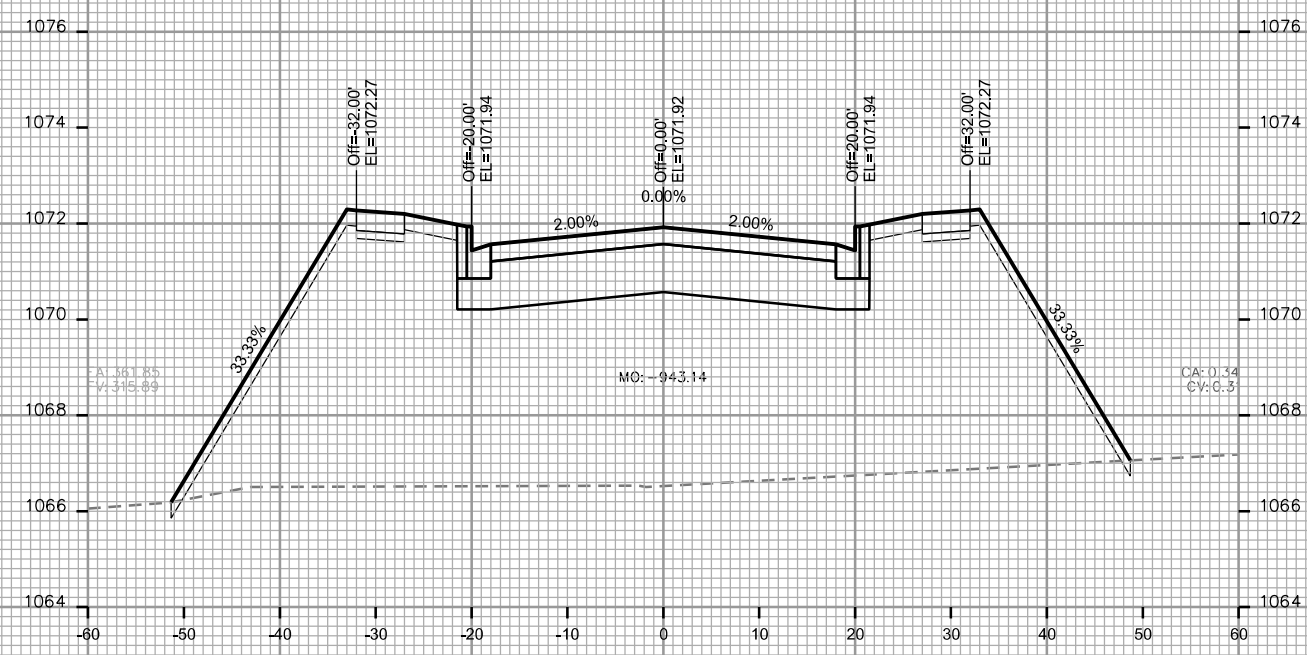


CROSS SECTIONS
HARVEST MOON LANE CITY OF MADISON

PLOT SCALE: _____
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

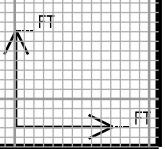
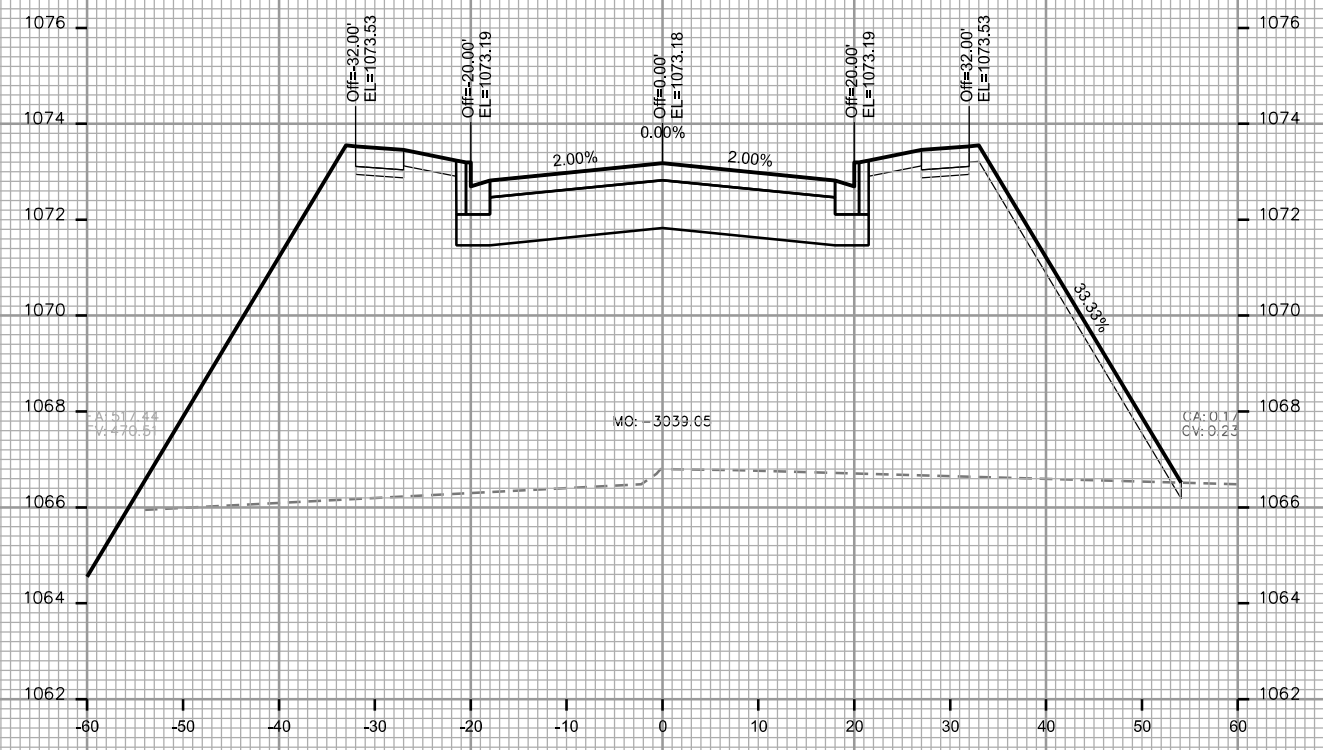
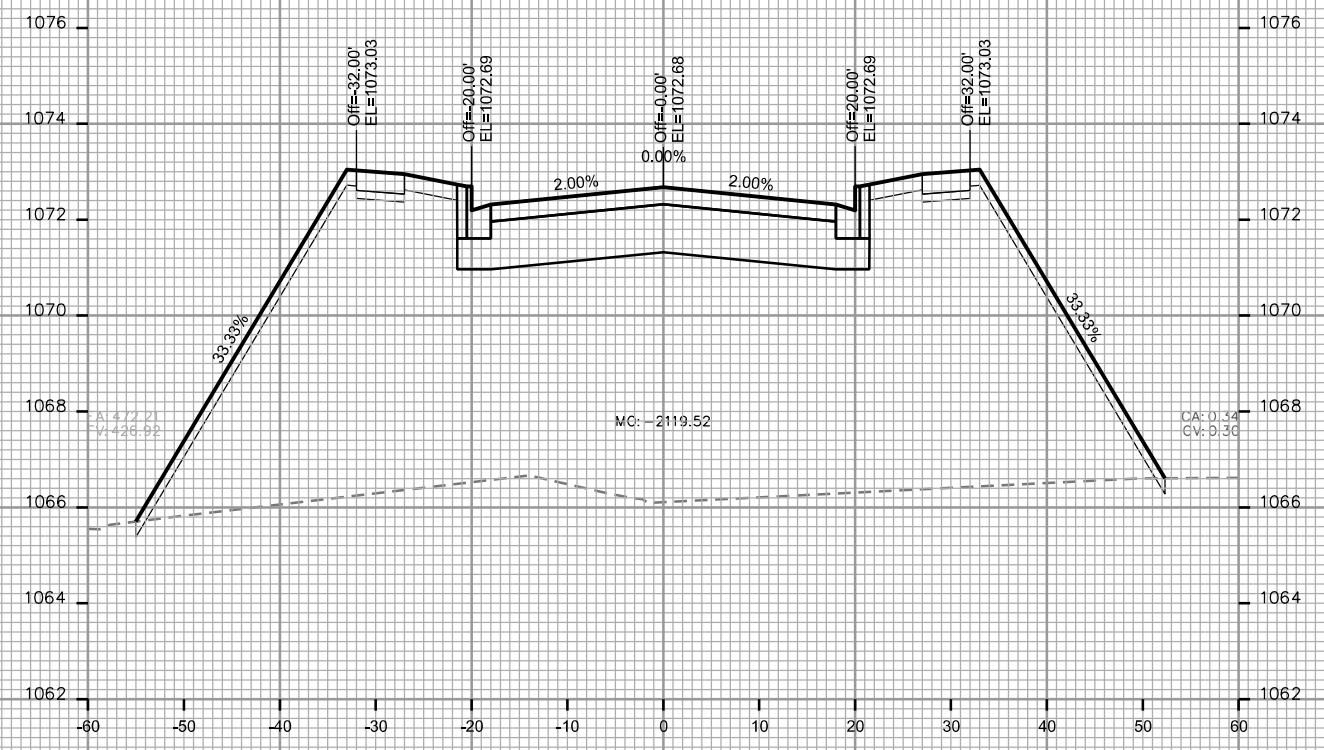
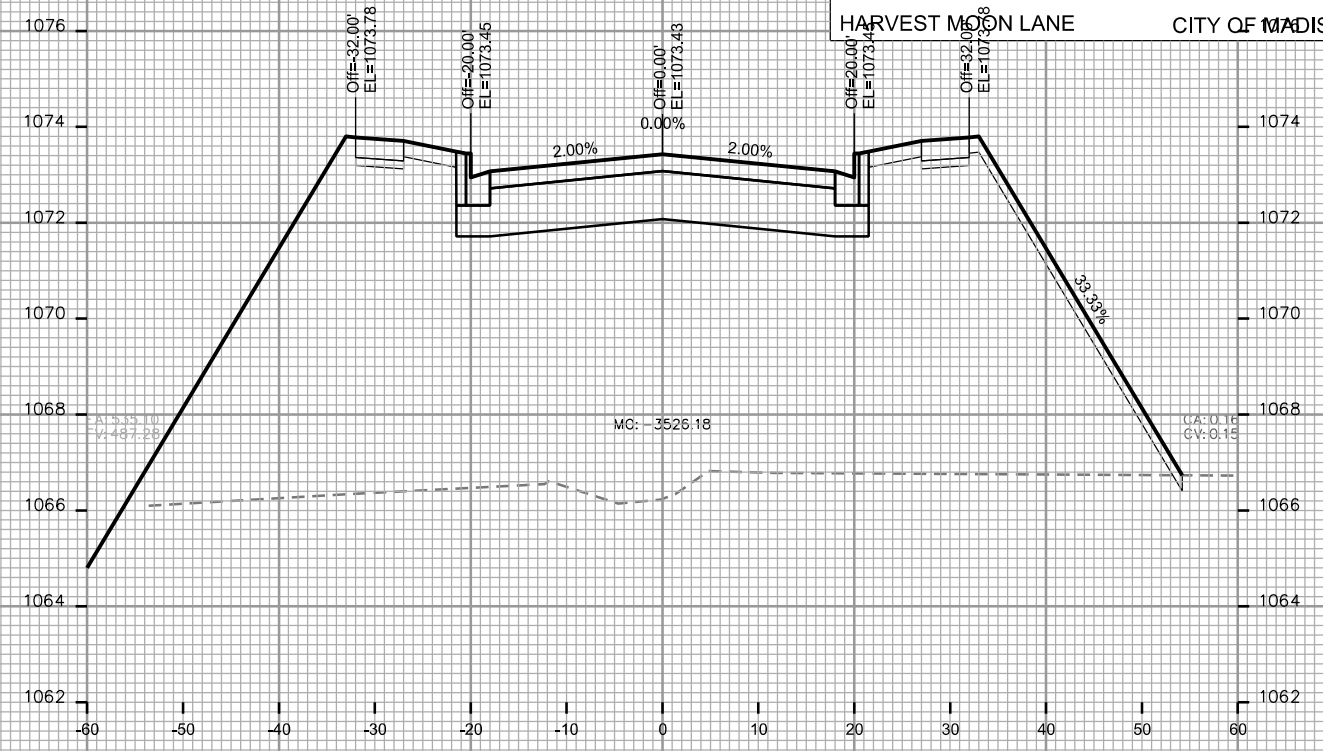
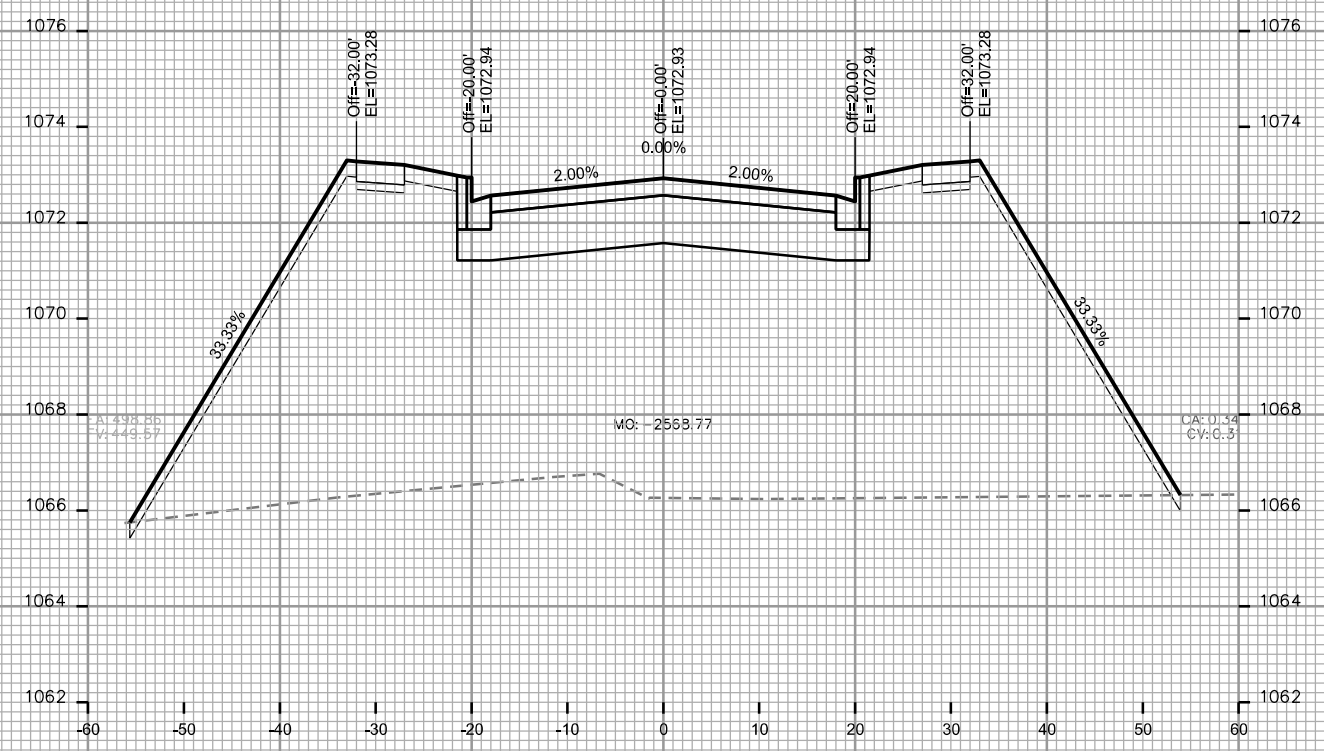
HARVEST MOON LANE CITY OF MADISON

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PLOT NAME: _____

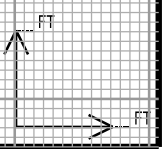
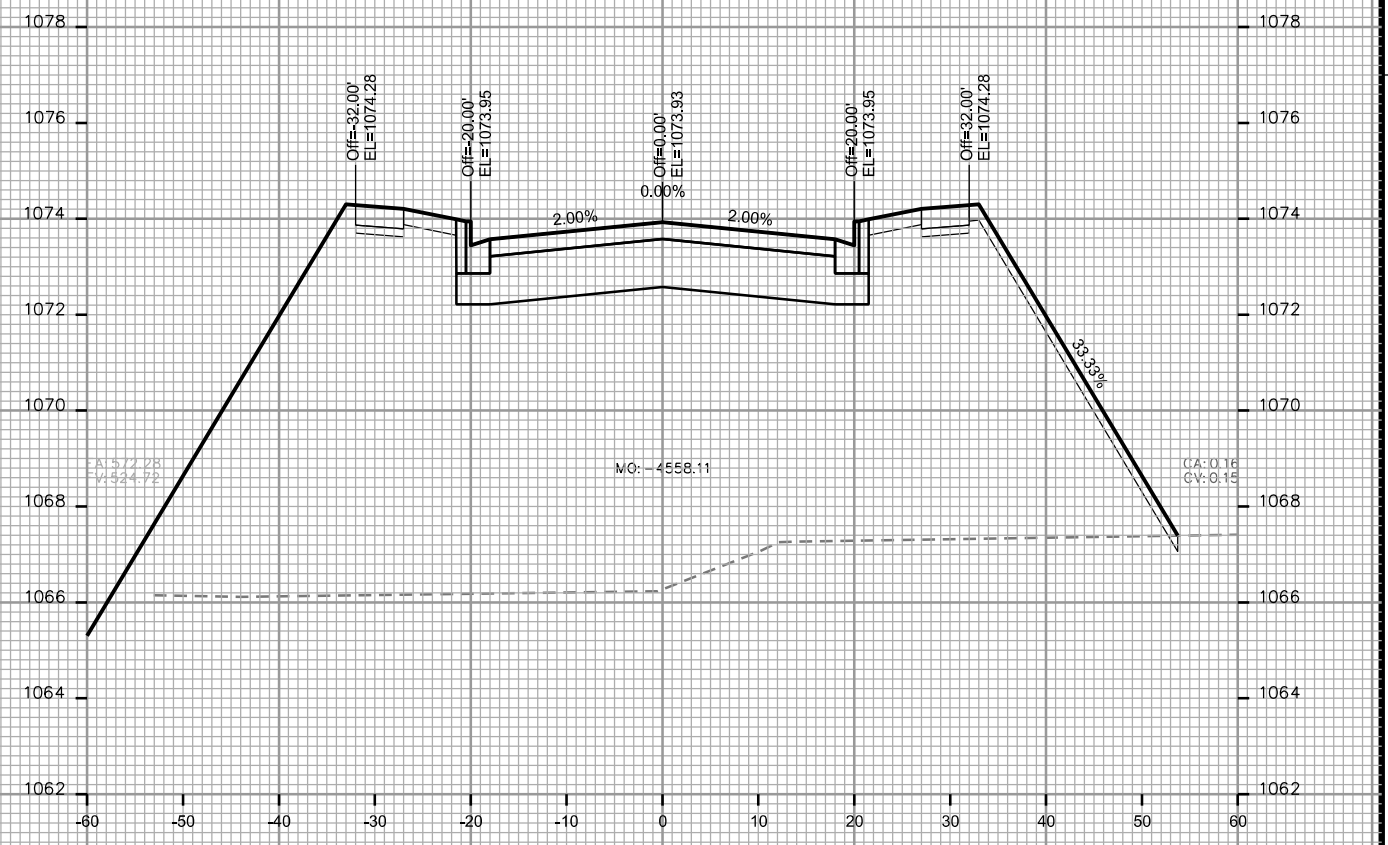
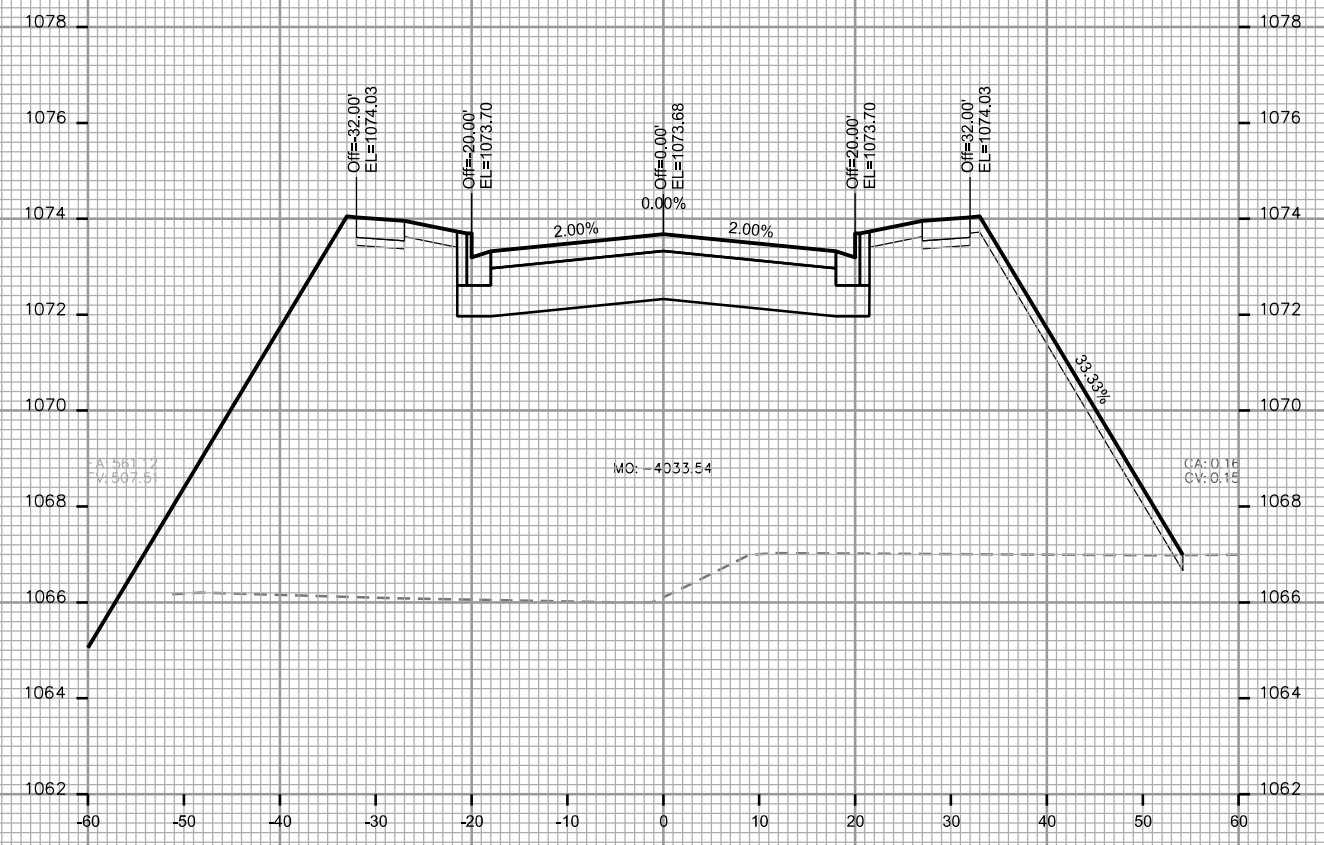
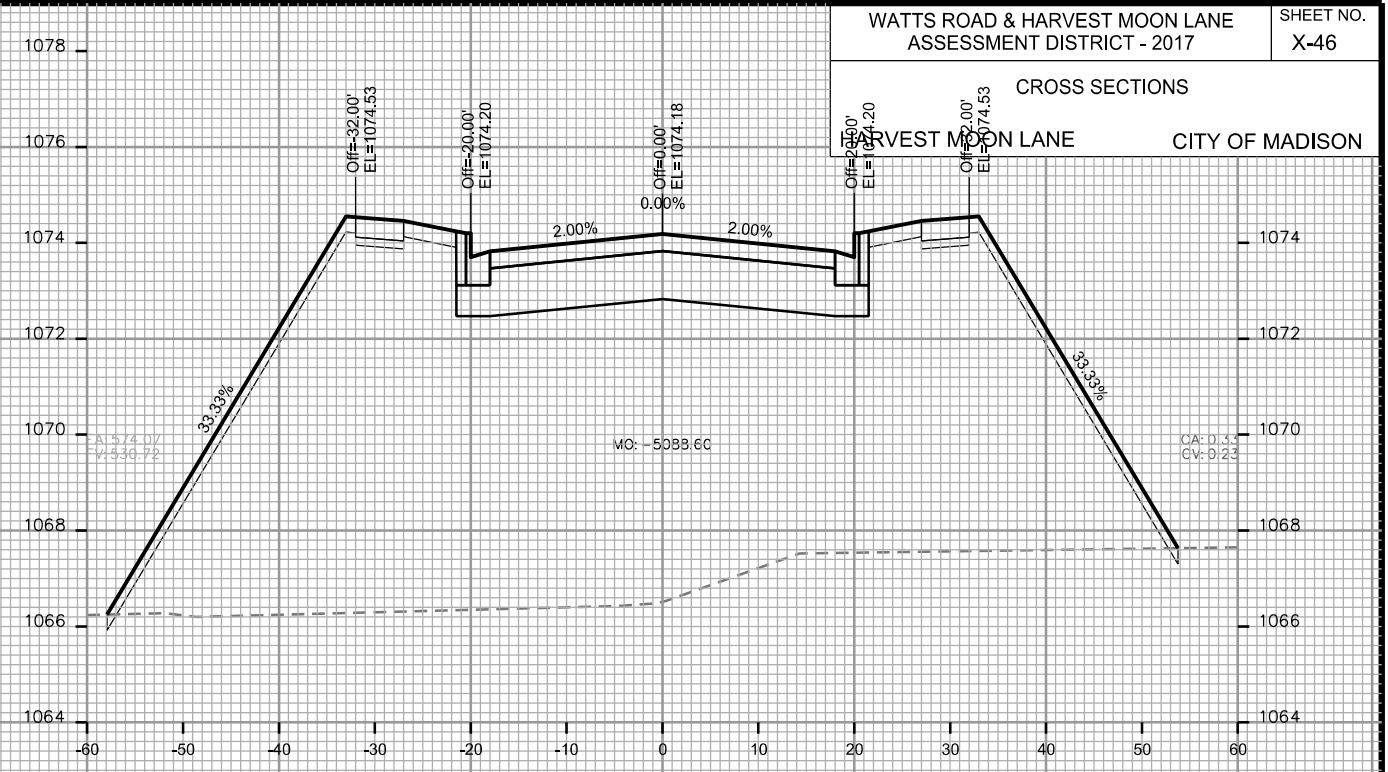
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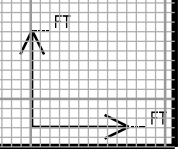
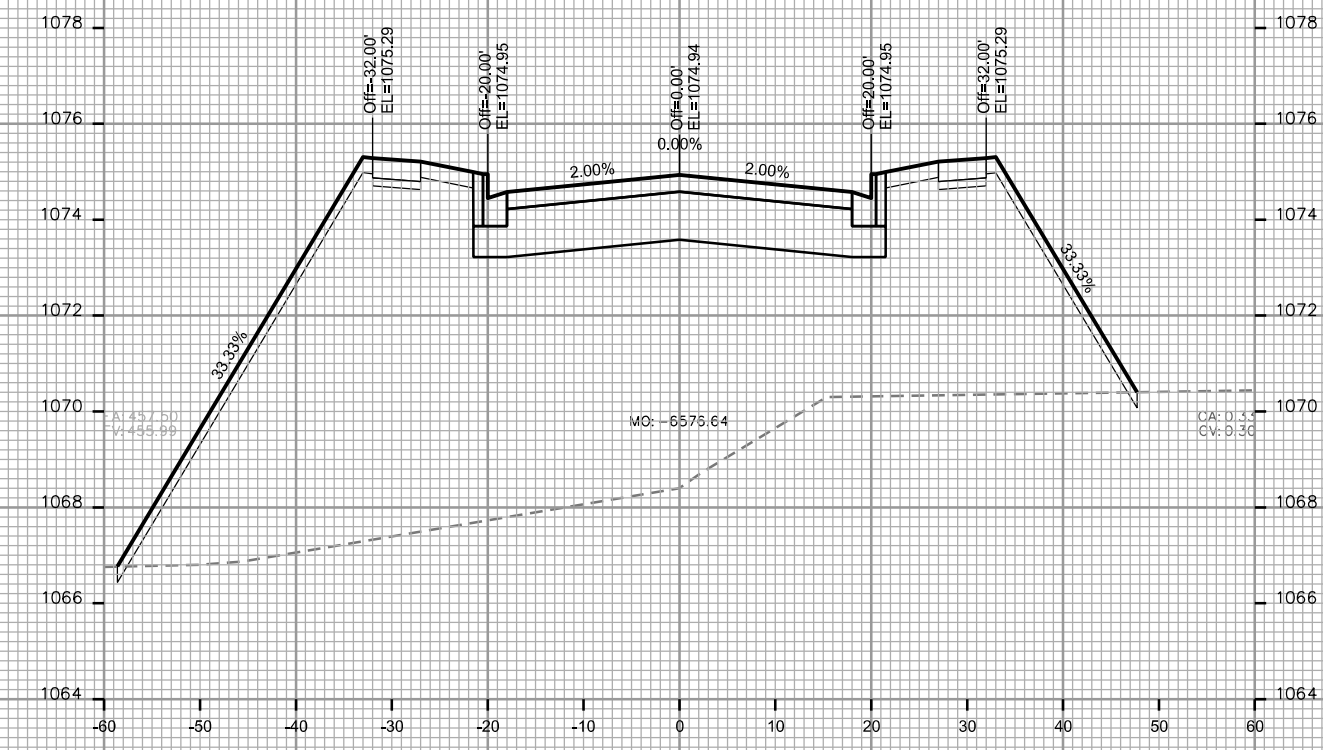
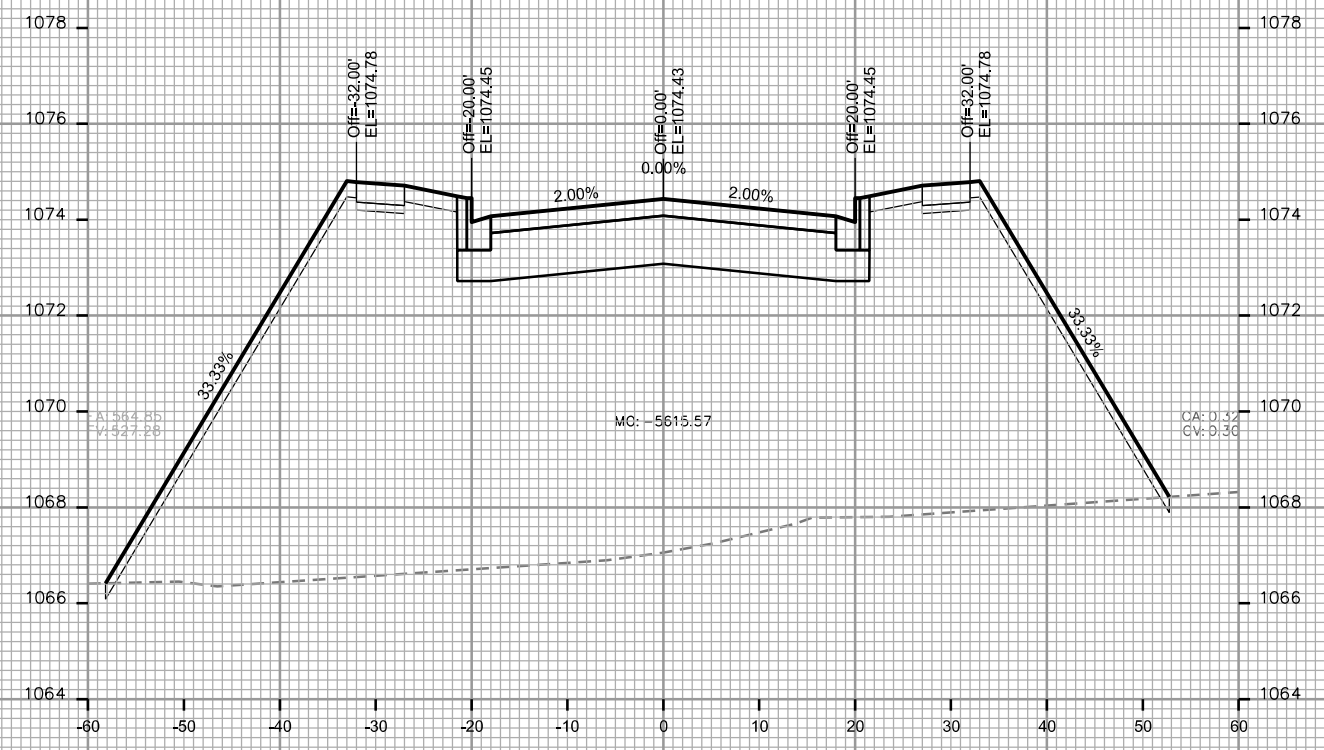
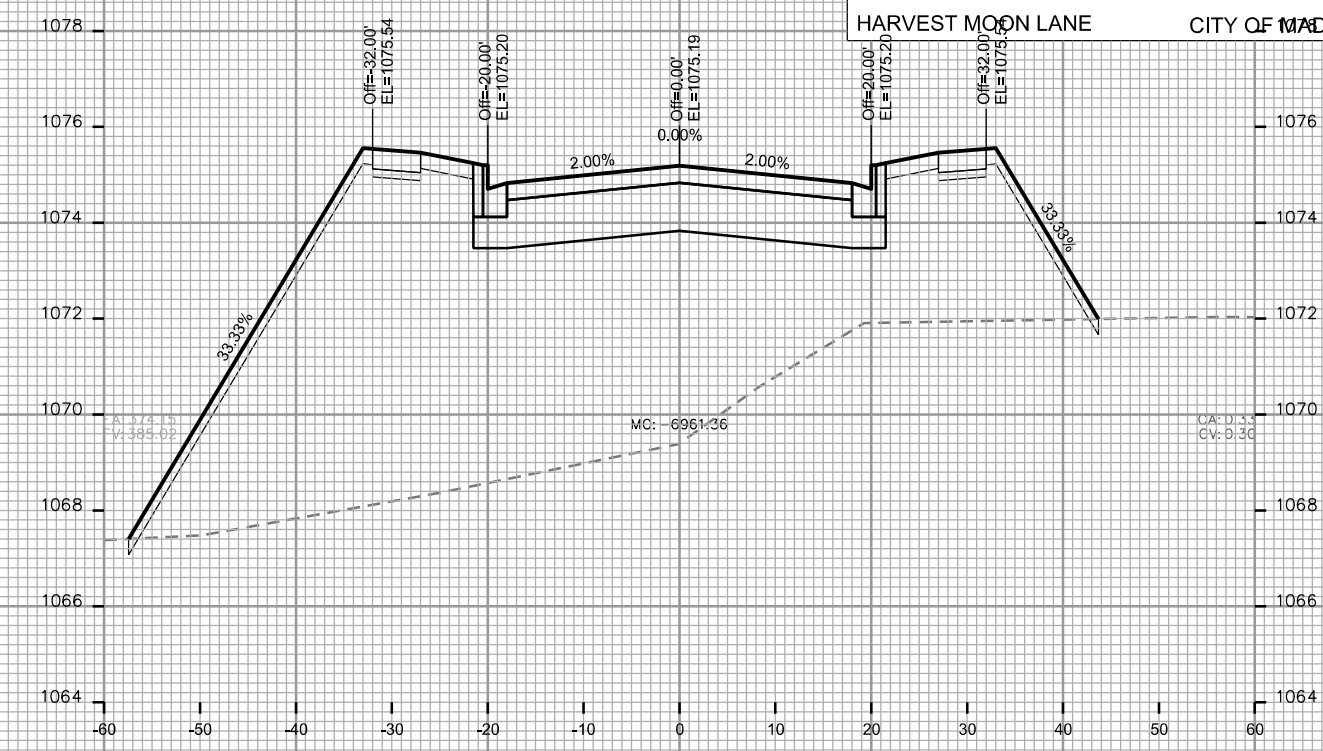
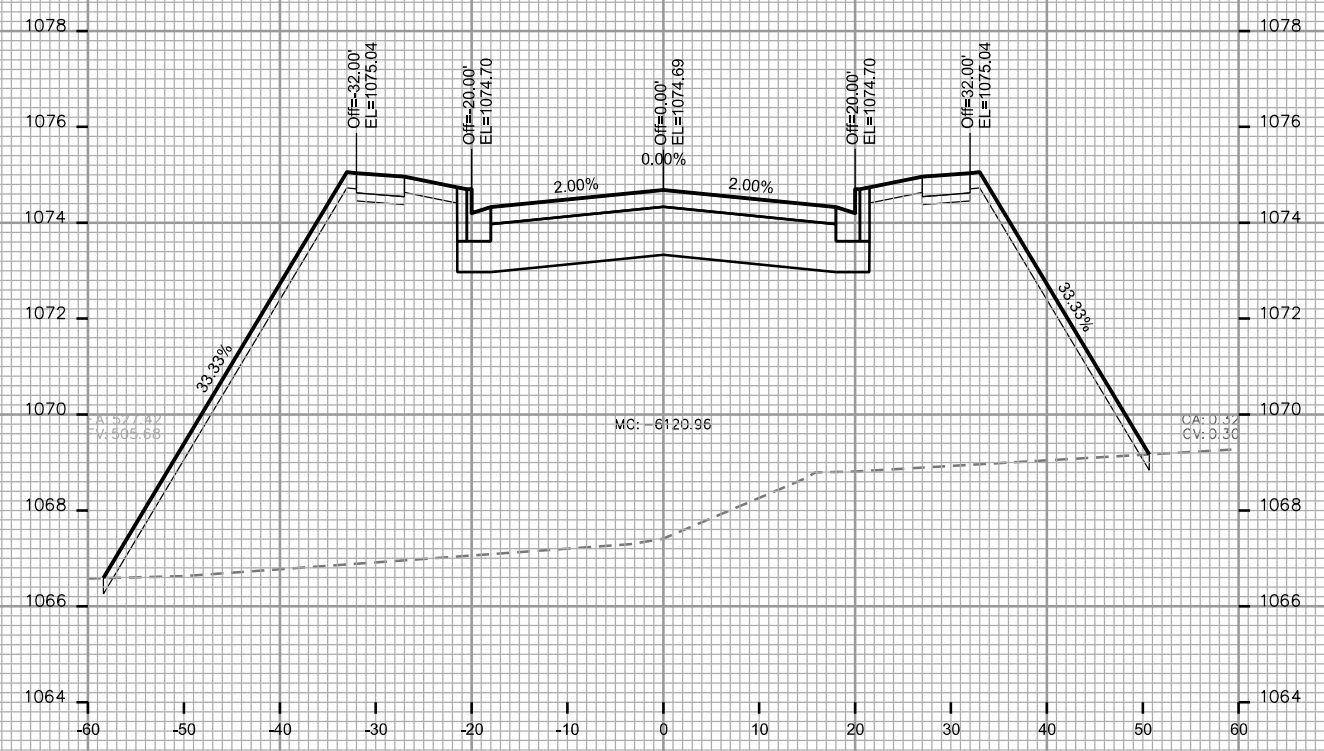
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