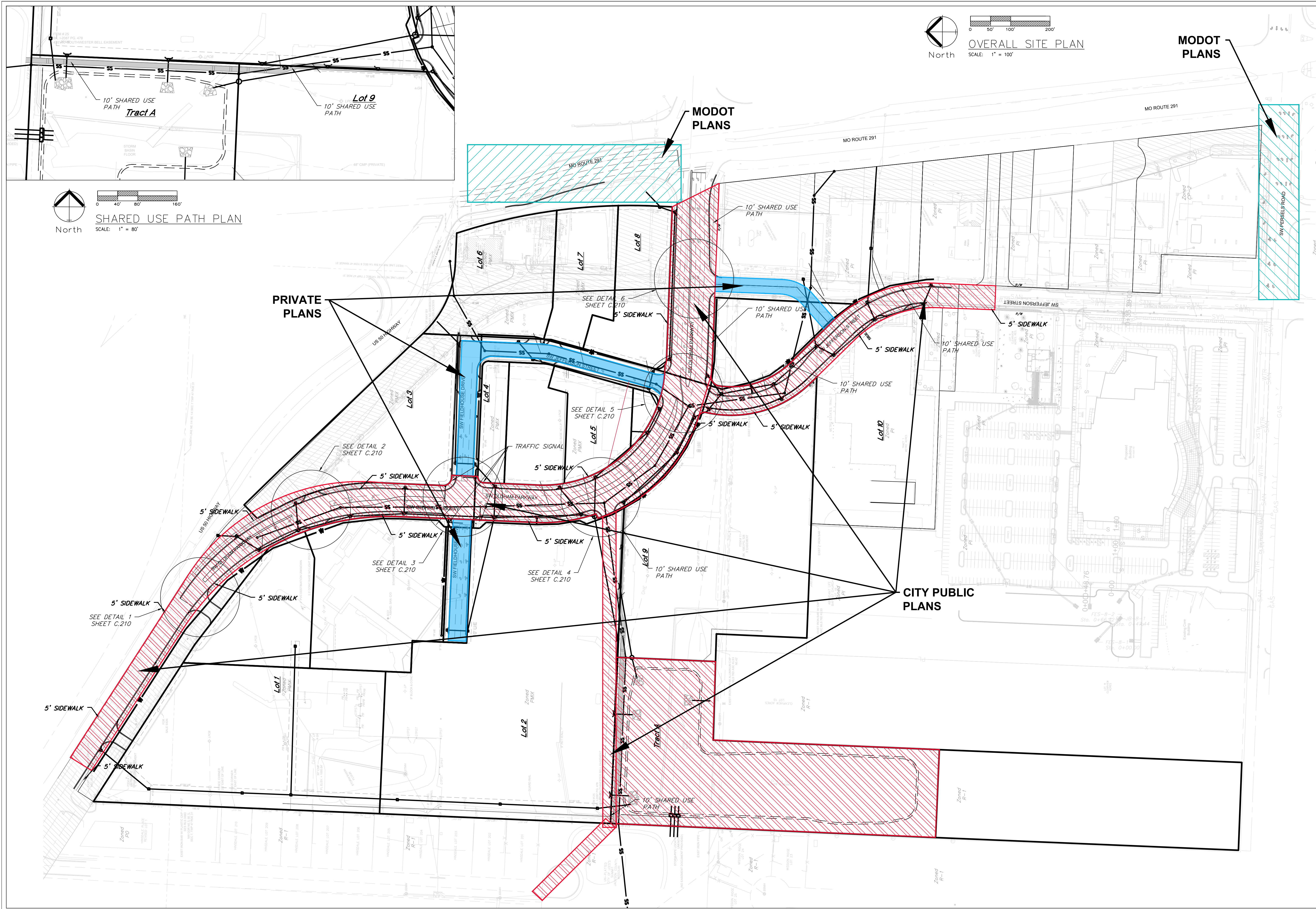




ENGINEERING SOLUTIONS
ENGINEERING & SURVEYING
50 SE 30TH STREET
LEE'S SUMMIT, MO 64082
P: (816) 623-9888 F: (816) 623-9849

Professional Registration
Missouri
Engineering 2005002186-D
Surveying 2005008319-D
Kansas
Engineering E-1695
Surveying LS-218
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

Project: Oldham Village
Marketplace
LSMO
Issue Date: November 6, 2024

OVERALL SITE PLAN
Construction Plans for:
Oldham Village
Lee's Summit, Jackson County, Missouri

Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25226
NE PE E-14335

REVISIONS
REV. 12/10/2024
REV. 1/2/2025
REV. 2/6/2025

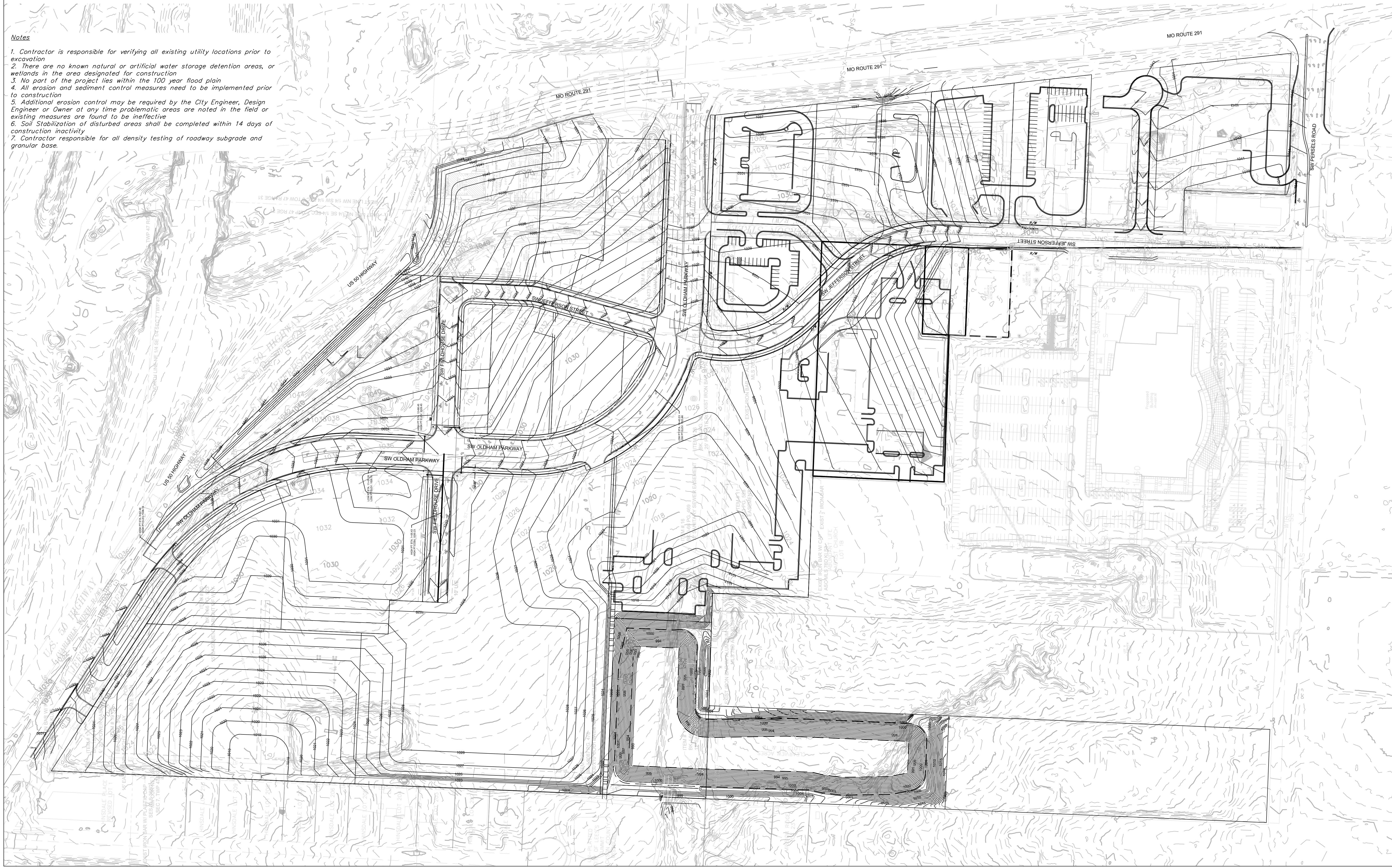
C.100

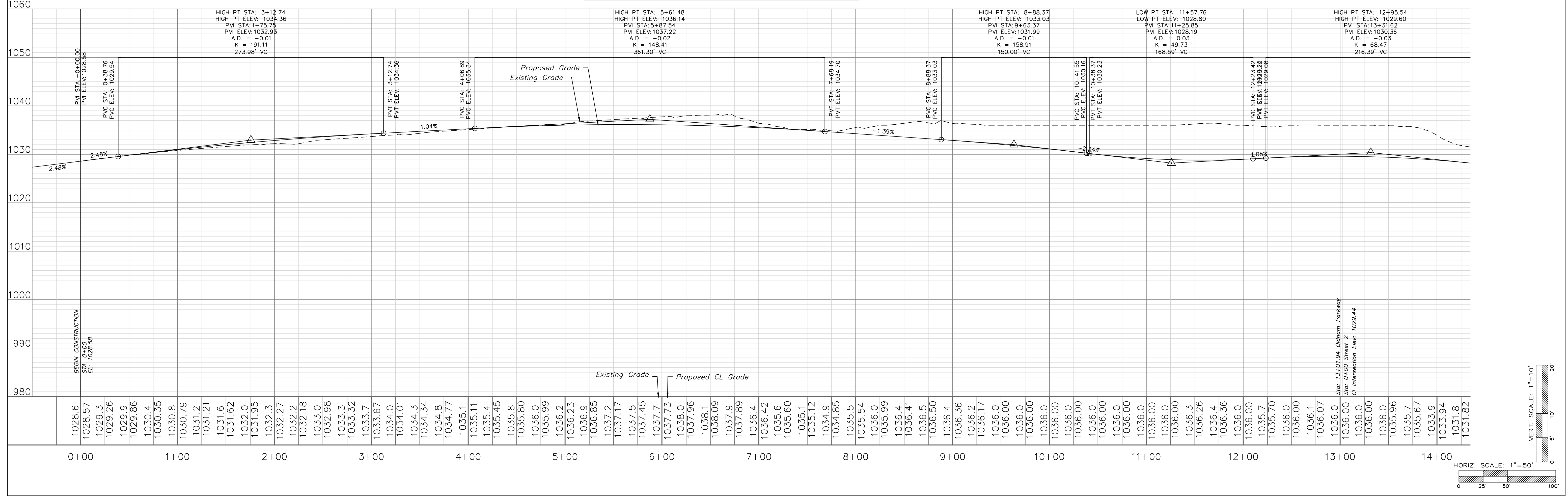
Notes

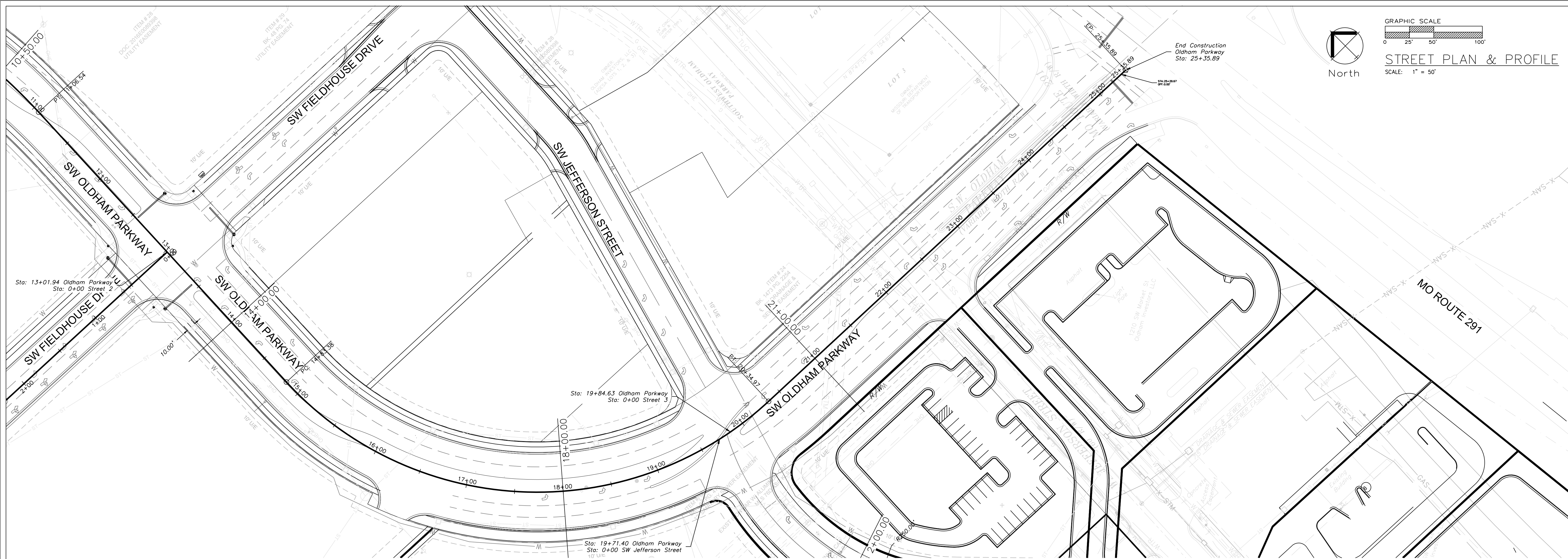
1. Contractor is responsible for verifying all existing utility locations prior to excavation
2. There are no known natural or artificial water storage detention areas, or wetlands in the area designated for construction
3. No part of the project lies within the 100 year flood plain
4. All erosion and sediment control measures need to be implemented prior to construction
5. Additional erosion control may be required by the City Engineer, Design Engineer or Owner at any time problematic areas are noted in the field or existing measures are found to be ineffective
6. Soil Stabilization of disturbed areas shall be completed within 14 days of construction inactivity
7. Contractor responsible for all density testing of roadway subgrade and granular base.



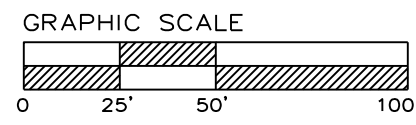
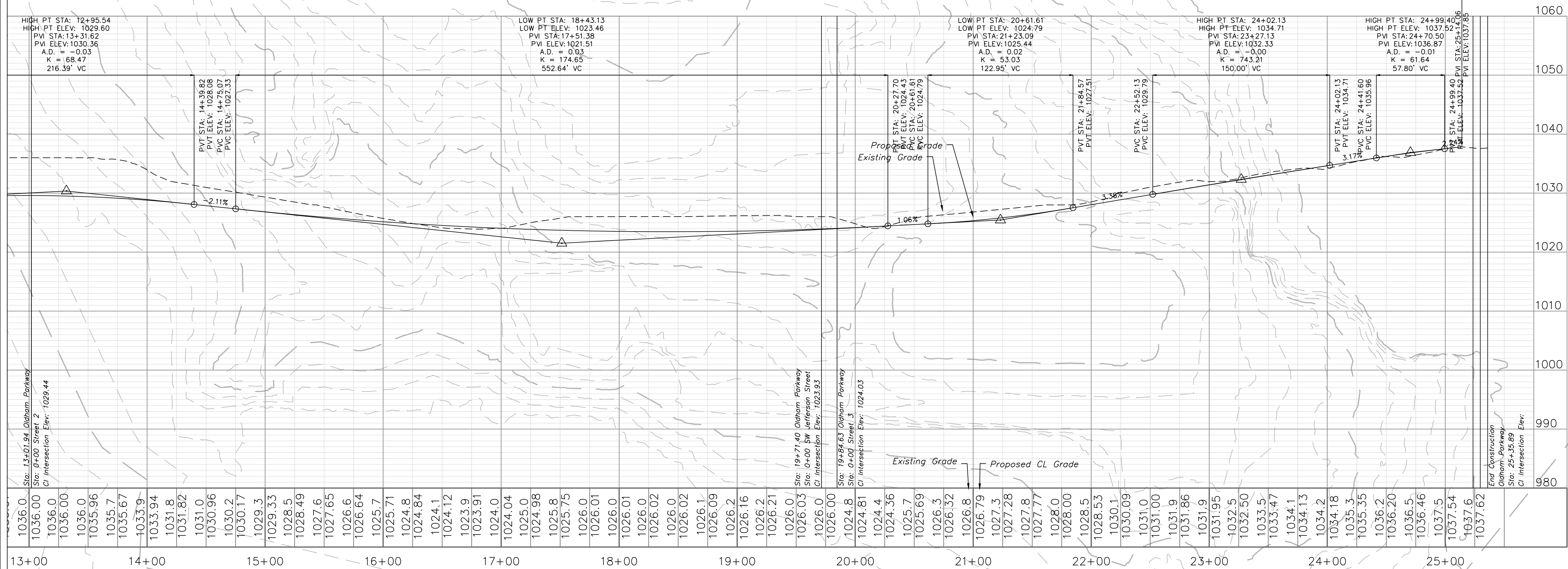
GRAPHIC SCALE
0 50' 100' 200'
GRADING PLAN
SCALE: 1" = 100'







OLDHAM PARKWAY



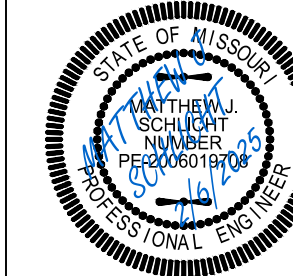
STREET PLAN & PROFILE
SCALE: 1" = 50'



Professional Registration
Missouri
Engineering 2005002186-D
Surveying 2005008319-D
Kansas
Engineering E-1695
Surveying LS-218
Oklahoma
Engineering 5254
Nebraska
Engineering CA2821

Project: Oldham Village
Marketplace
LSMO
Issue Date:
November 6, 2024

Street Plan and Profile
Construction Plans for:
Oldham Village
Lee's Summit, Jackson County, Missouri



Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25226
NE PE E-14335

REVISIONS
REV. 12/10/2024
REV. 1/2/2025
REV. 2/6/2025

C.203



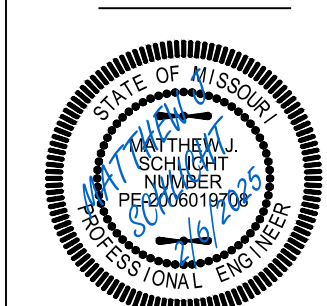
ENGINEERING SOLUTIONS
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LEE'S SUMMIT, MO 64082
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Professional Registration
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Surveying 2005008319-D
Kansas
Engineering E-1685
Surveying LS-218
Oklahoma
Engineering 6284
Nebraska
Engineering CA2821

Project: MARKETPLACE, LS MO
Issue Date: November 6, 2024

Oldham Village
Lee's Summit, Jackson County, Missouri

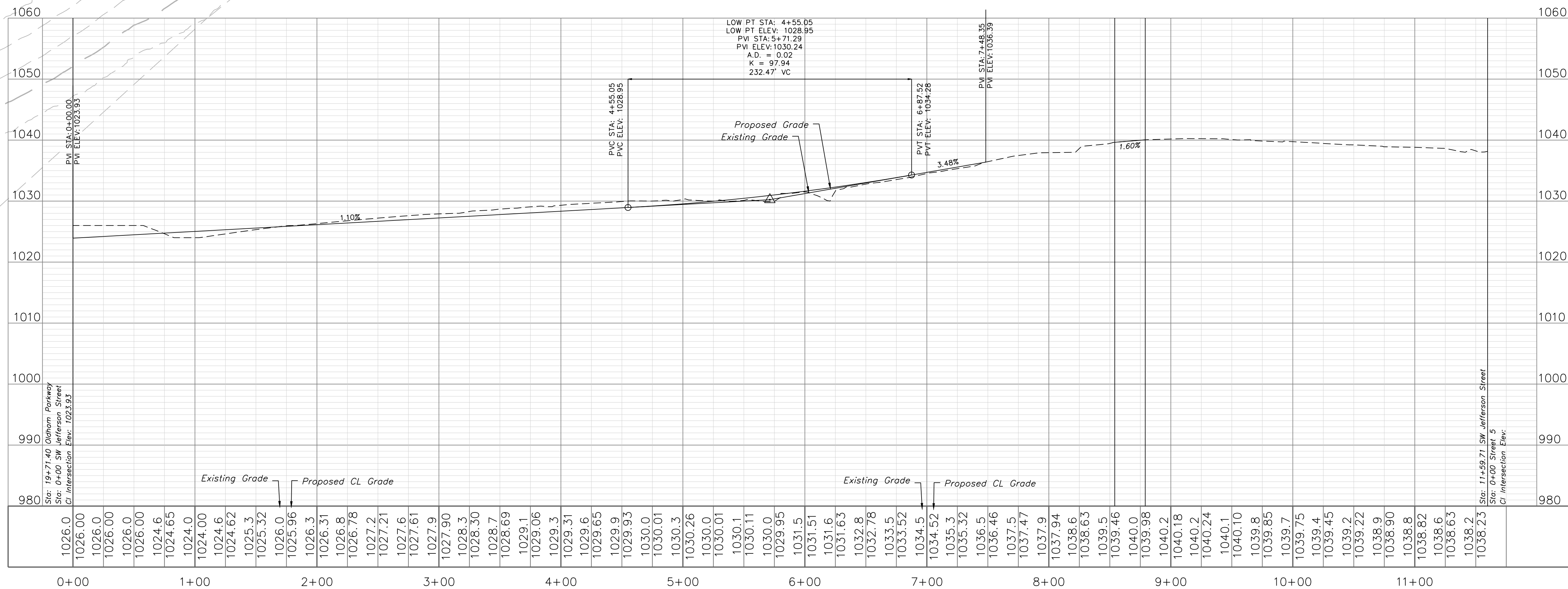
Street Plan and Profile
Construction Plans for:
Oldham Village
Lee's Summit, Jackson County, Missouri

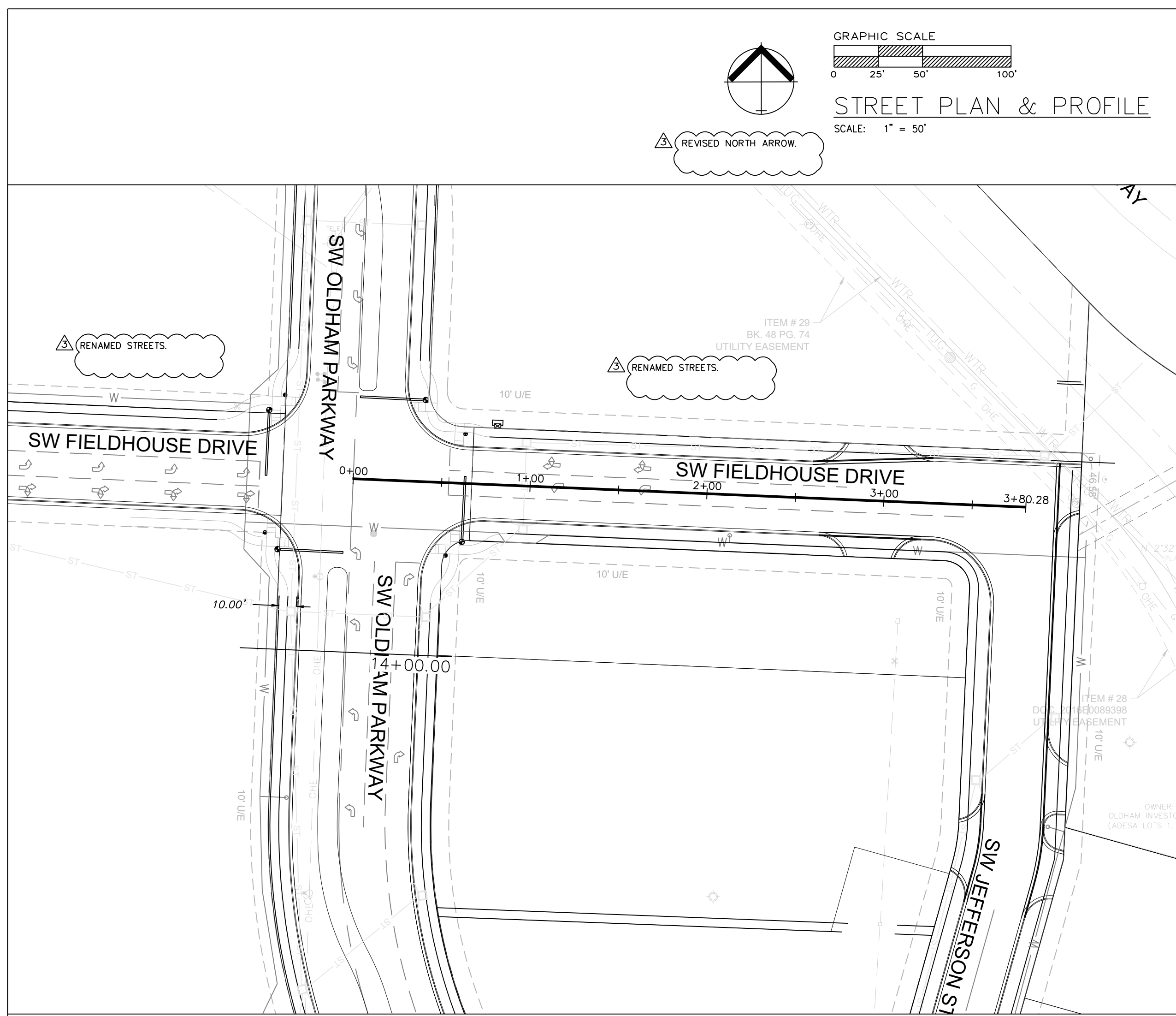


Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25226
NE PE E-14335

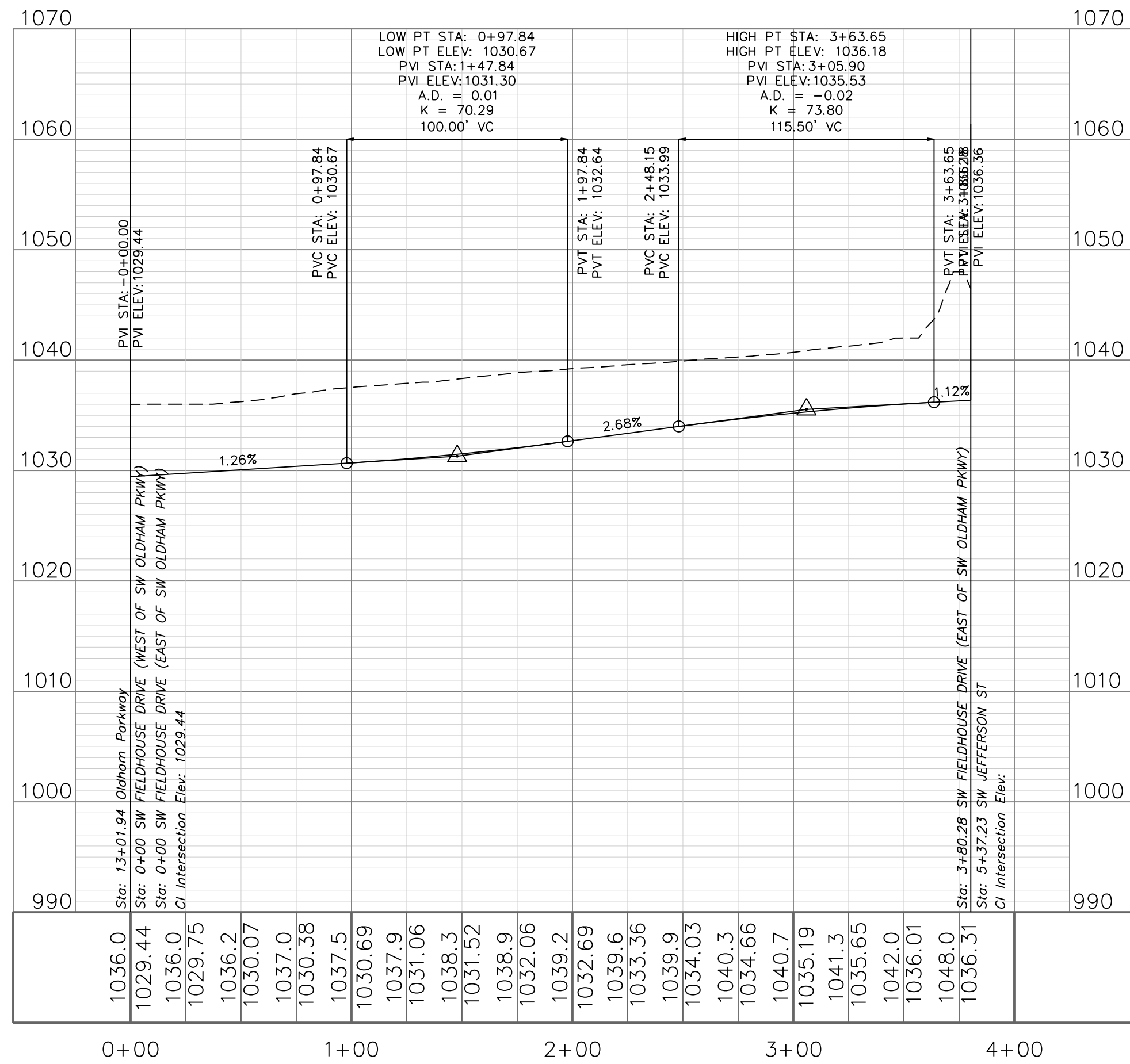
REVISIONS
REV. 12/10/2024
REV. 1/2/2025
REV. 2/6/2025

C.204

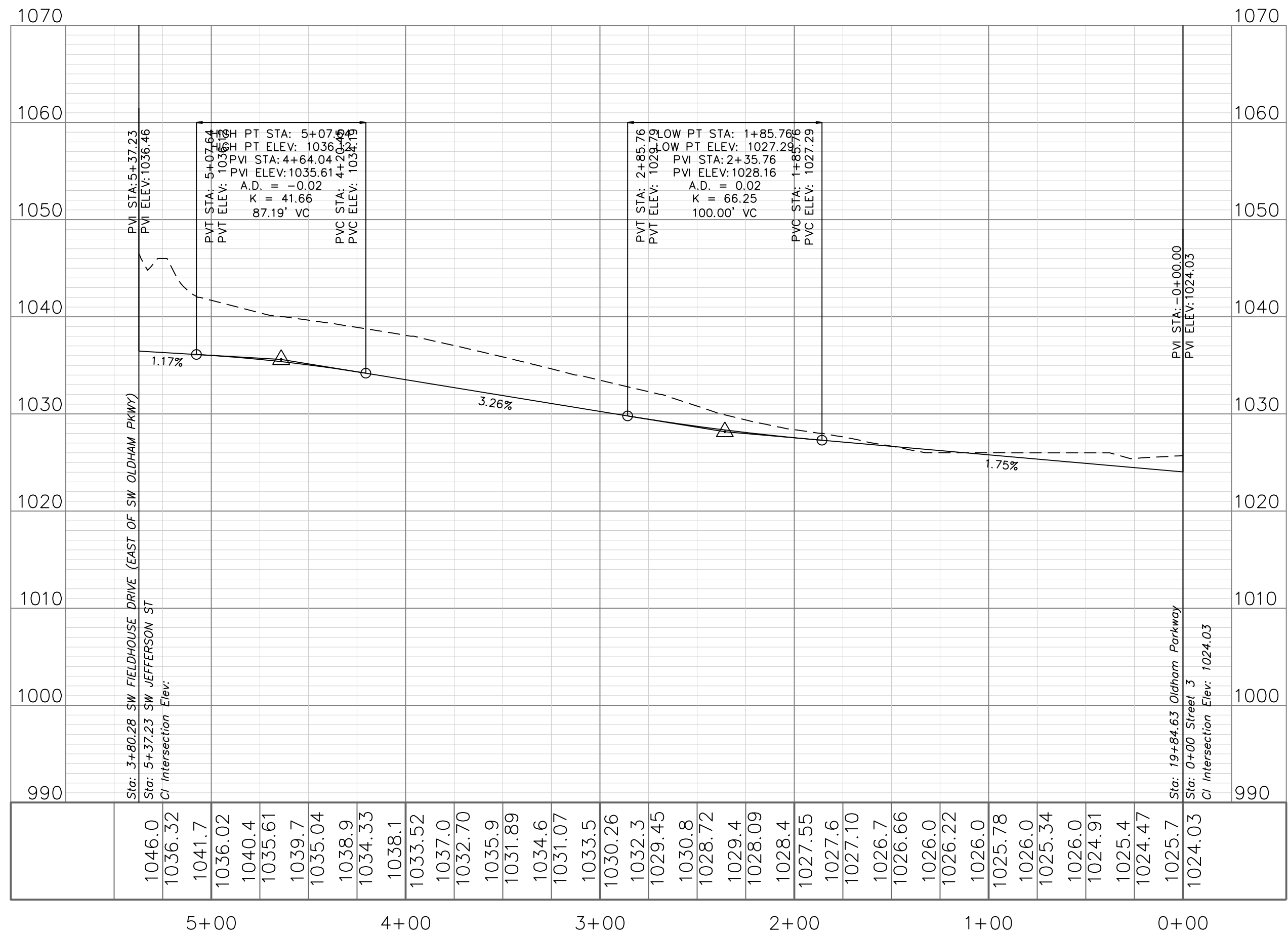


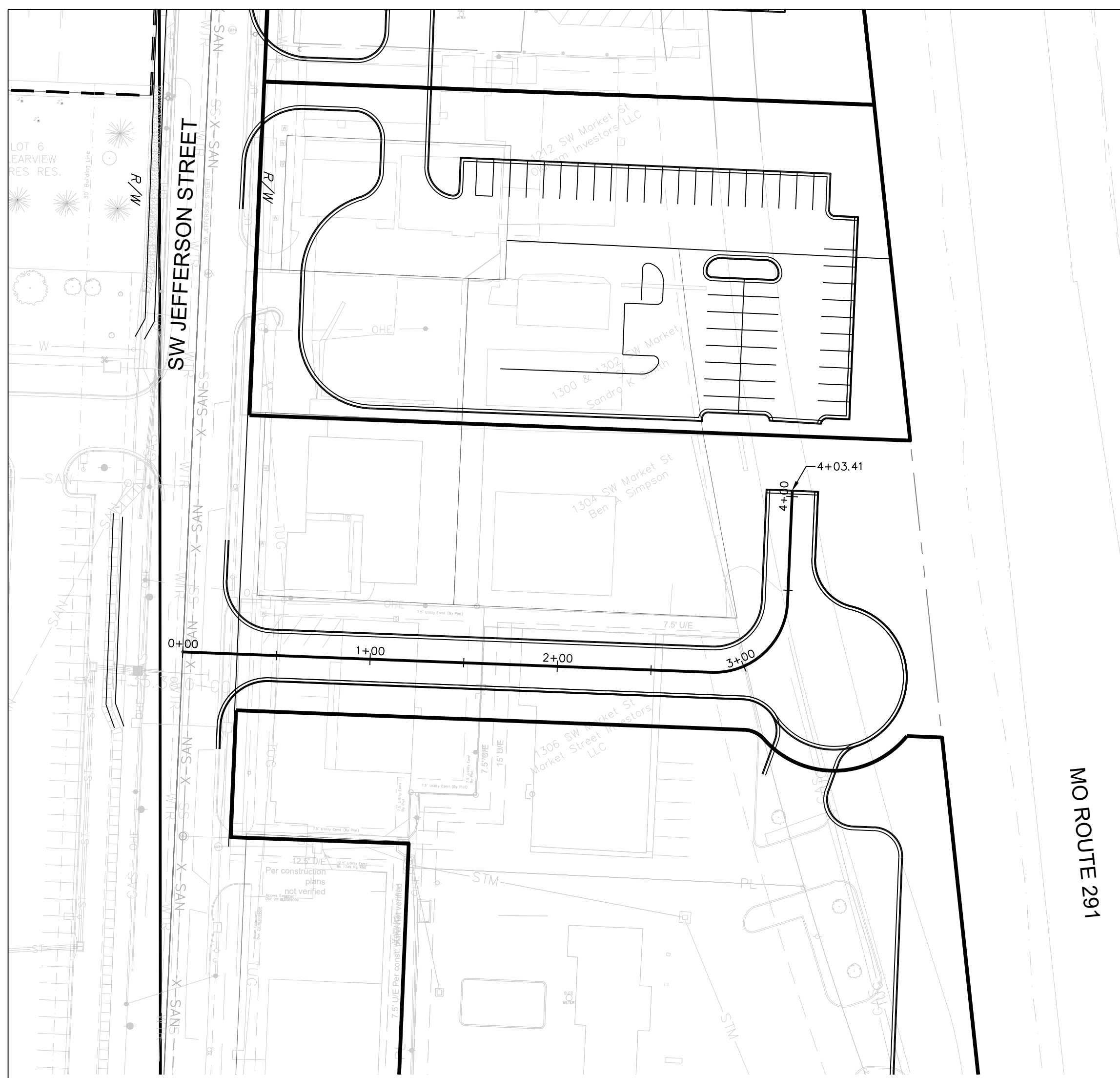


SW FIELDHOUSE DR



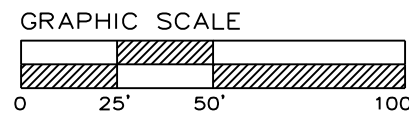
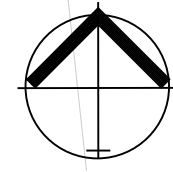
SW JEFFERSON ST





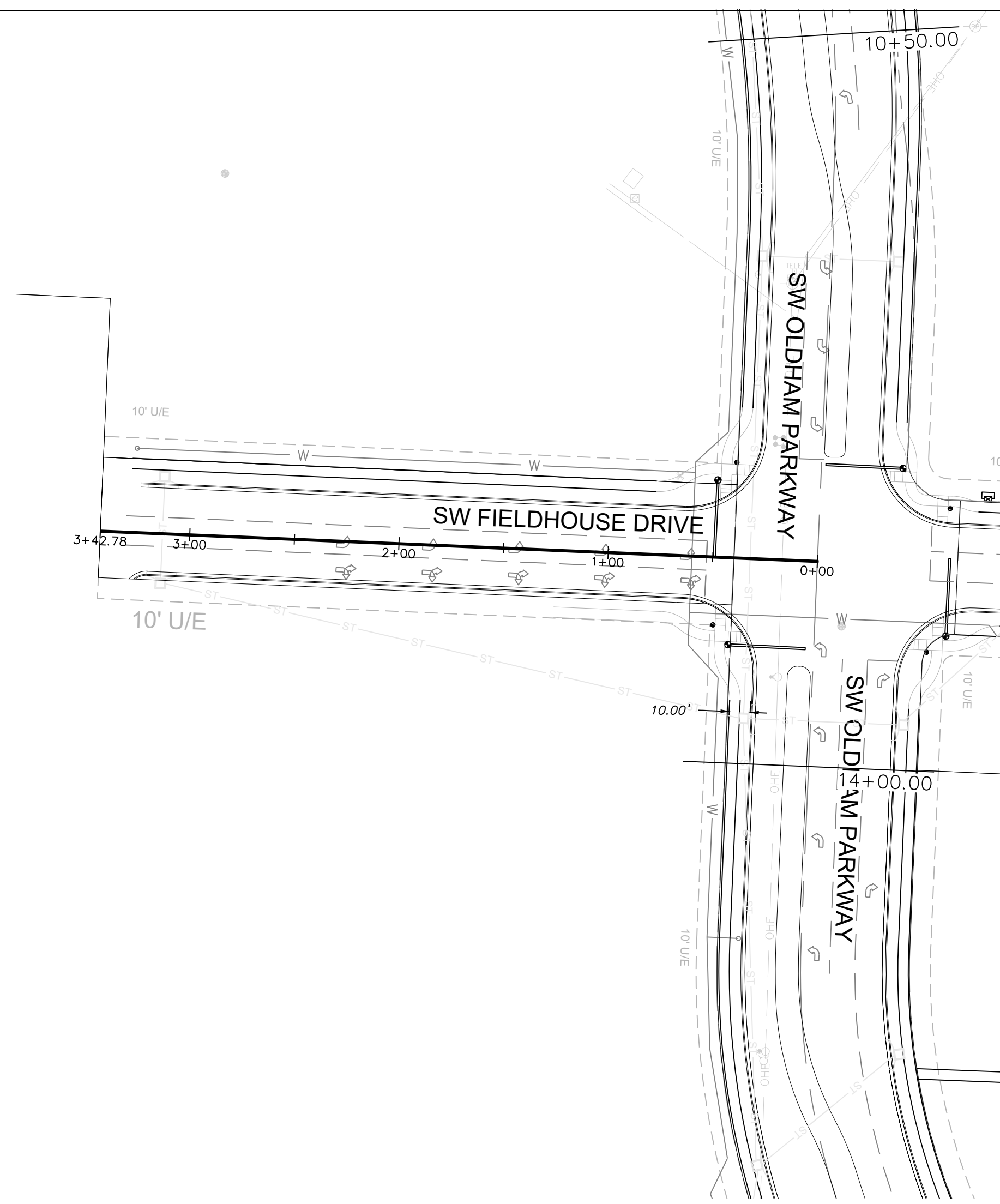
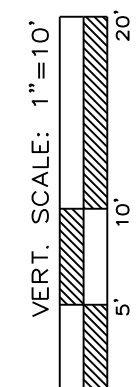
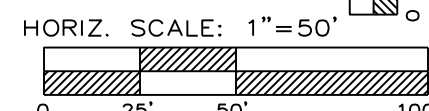
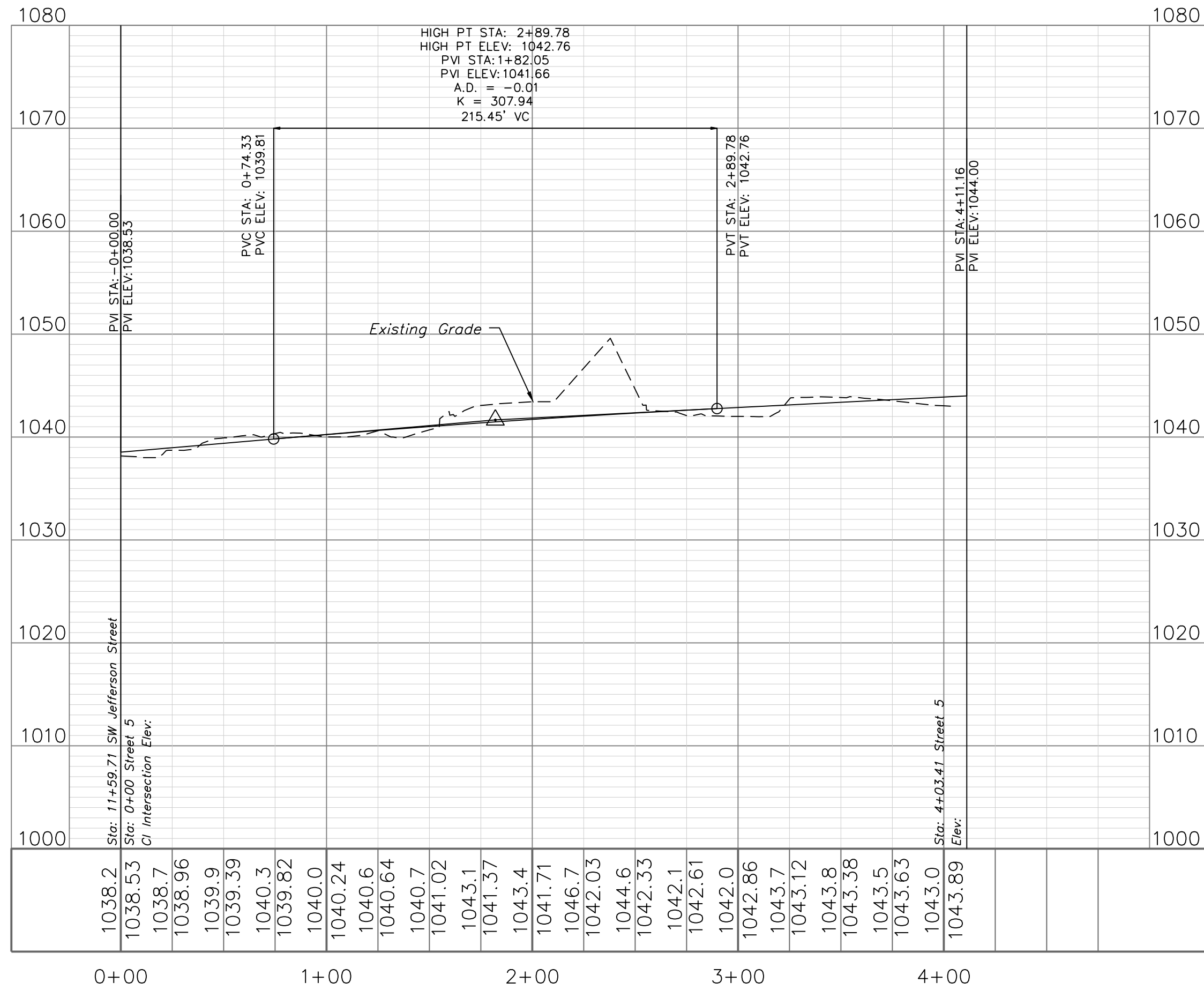
STREET 5

MO ROUTE 291

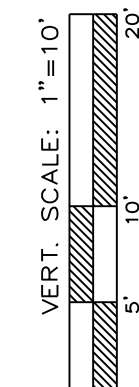
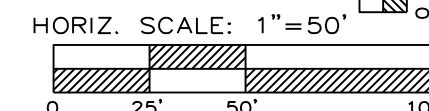
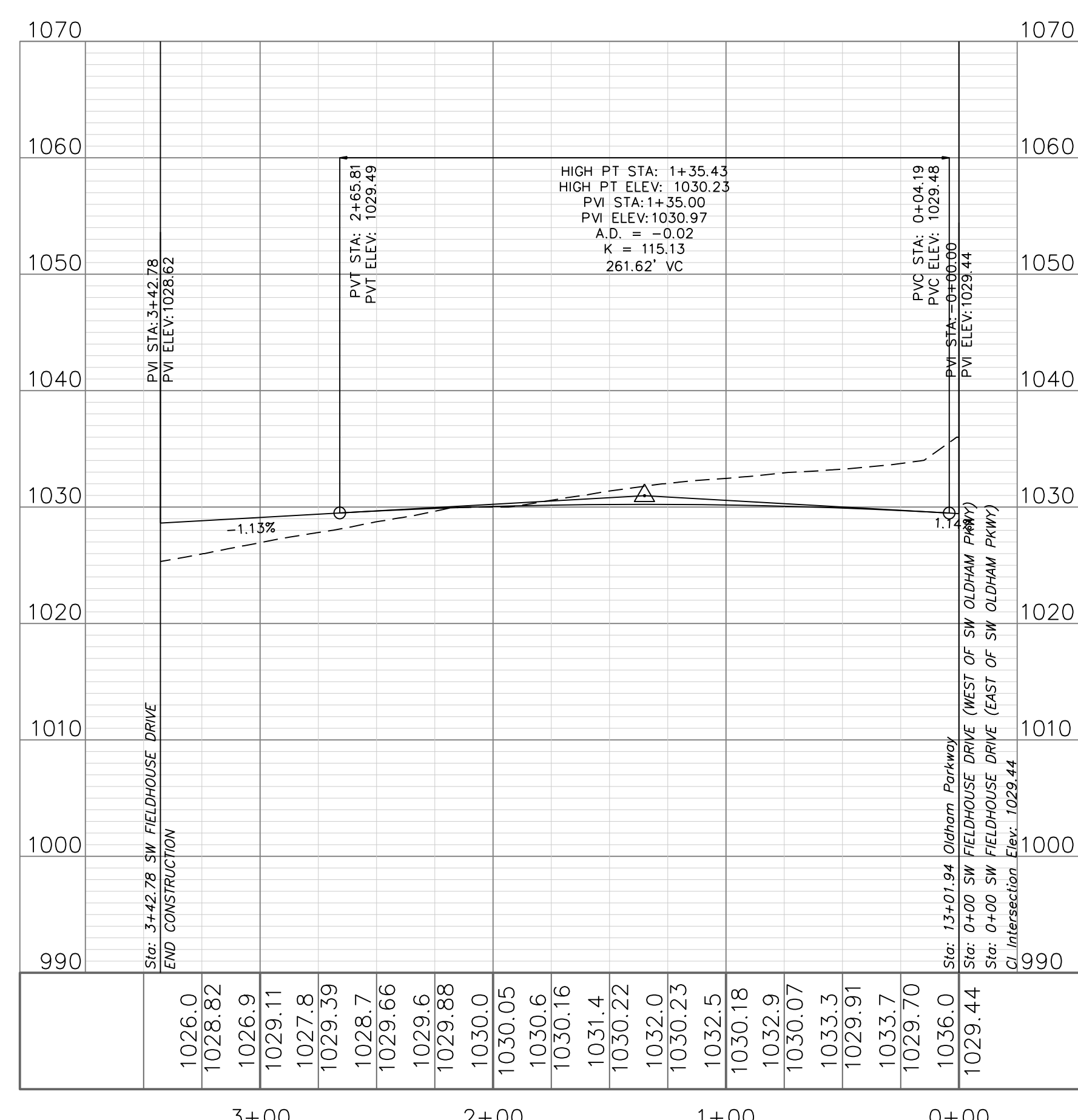


STREET PLAN & PROFILE

SCALE: 1" = 50'



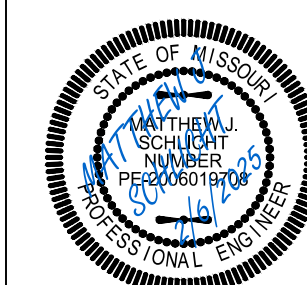
SW FIELDHOUSE DRIVE



Street Plan and Profile

Construction Plans for:

Oldham Village
Lee's Summit, Jackson County, Missouri



Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25226
NE PE E-14335

REVISIONS
REV. 12/10/2024
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C. 206

Project: Oldham Village
LSMO
Issue Date:
November 6, 2024

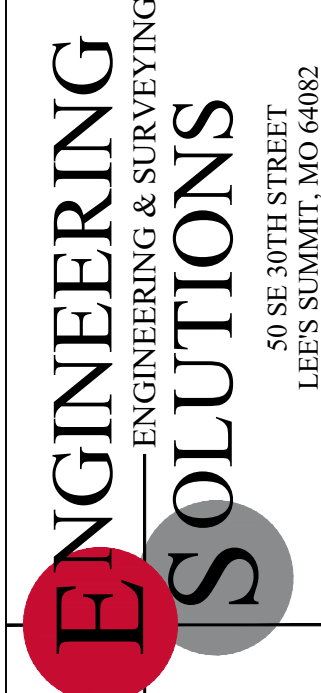
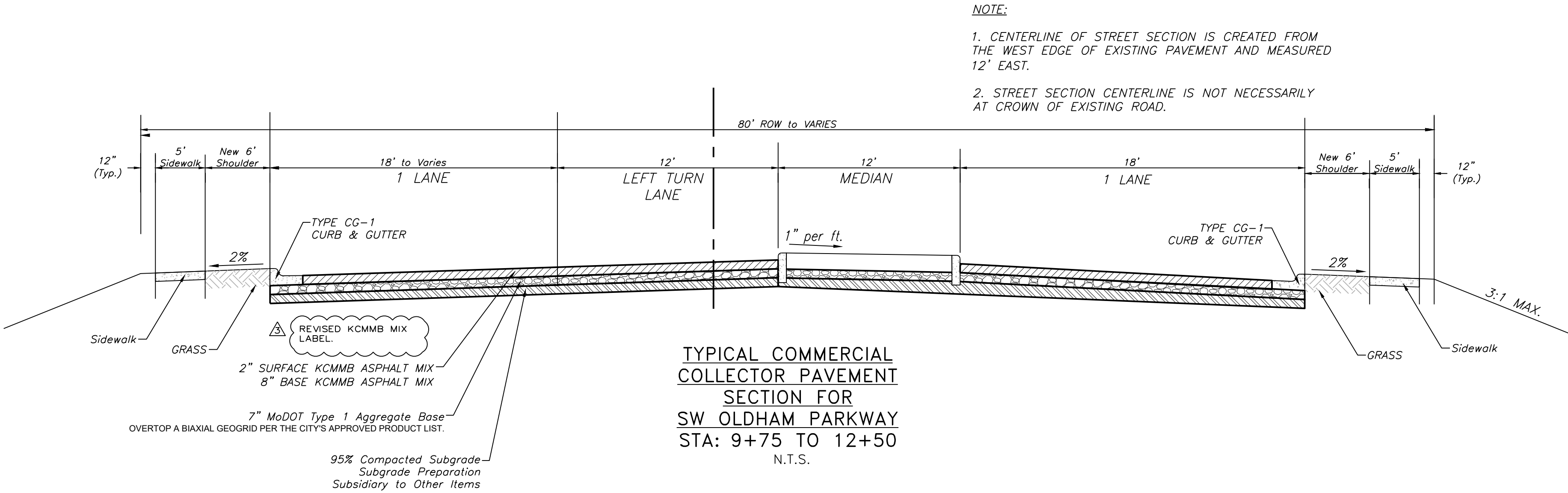
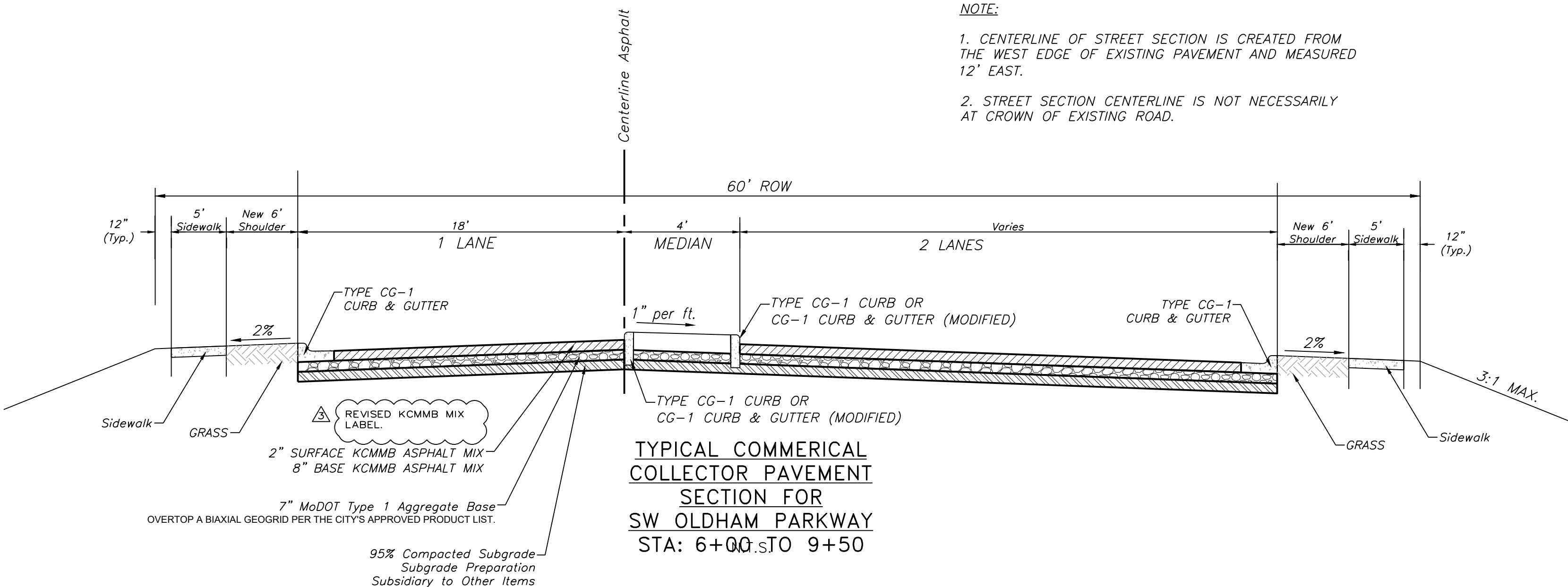
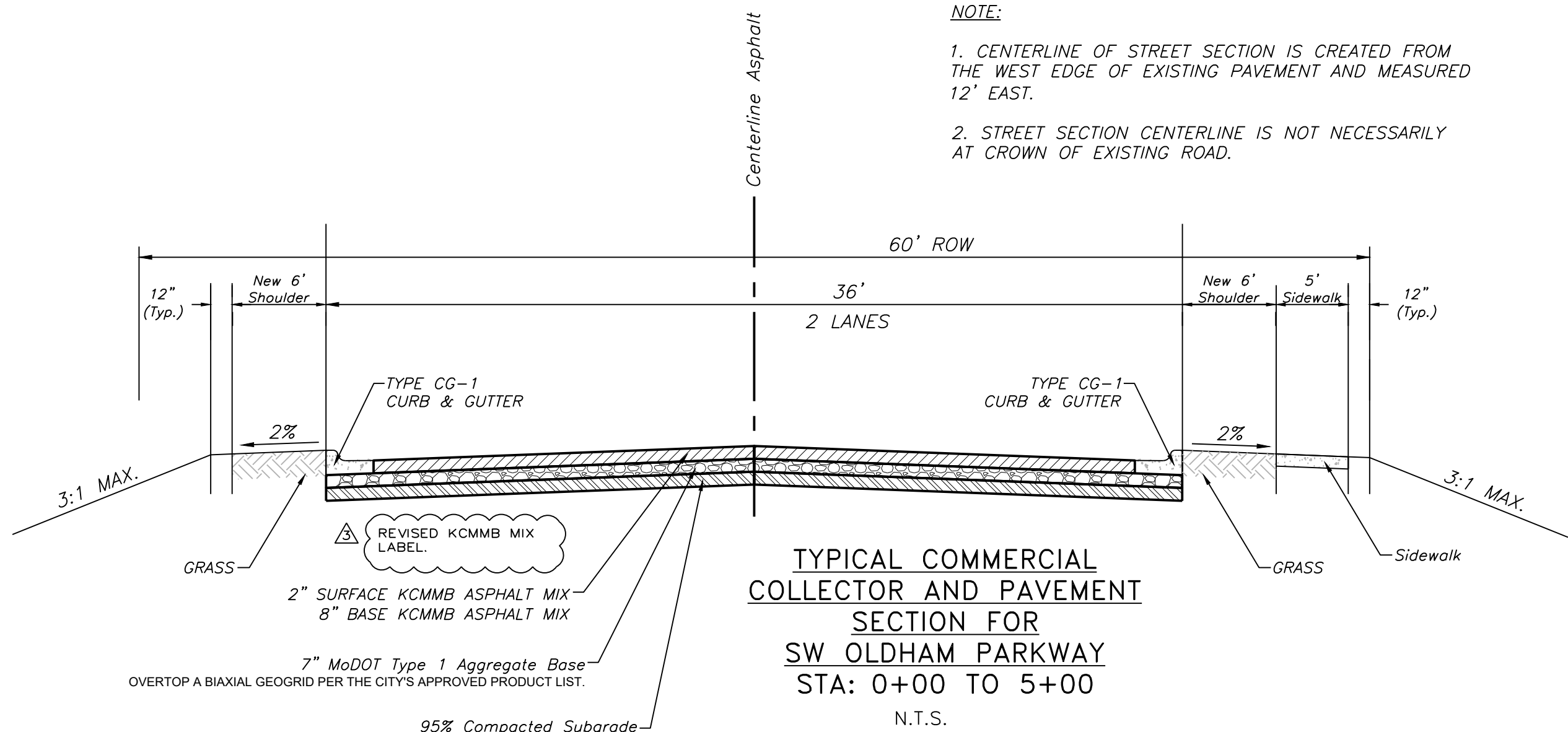
Oldham Village
Lee's Summit, Jackson County, Missouri

Professional Registration
Missouri
Engineering 2005002186-D
Surveying 2005008319-D
Kansas
Engineering E-1685
Surveying LS-218
Oklahoma
Engineering 5254
Nebraska
Engineering CA2821

ENGINEERING SOLUTIONS
ENGINEERING & SURVEYING
50 SE 30TH STREET
LEE'S SUMMIT, MO 64082
P: (816) 623-9888 F: (816) 623-9849

GENERAL NOTES:

- 1 ~ ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL AS ADOPTED BY ORDINANCE 5813.
2 ~ ALL REQUIRED EASEMENTS WITHIN THE BOUNDARY OF THIS PROJECT SHALL BE PROVIDED FOR ON THE FINAL PLAT.
3 ~ ANY REQUIRED EASEMENT LOCATED OUTSIDE OF THE BOUNDARY OF THIS PROJECT SHALL BE PROVIDED FOR BY SEPARATE INSTRUMENT PRIOR TO ISSUANCE OF CONSTRUCTION PERMITS.
4 ~ THE CONTRACTOR SHALL NOTIFY THE CITY OF LEE'S SUMMIT DEVELOPMENT ENGINEERING INSPECTION AT 816.969.1200 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.
5 ~ THE CONTRACTOR SHALL NOTIFY ENGINEERING SOLUTIONS AT 816.623.9888 OF ANY CONFLICT WITH THE IMPROVEMENTS PROPOSED BY THESE PLANS AND SITE CONDITIONS.
6 ~ THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER AND OBTAIN THE APPROPRIATE BLASTING PERMITS FOR A REQUIRED BLASTING. IF BLASTING IS ALLOWED, ALL BLASTING SHALL CONFORM TO STATE REGULATIONS AND LOCAL ORDINANCES.

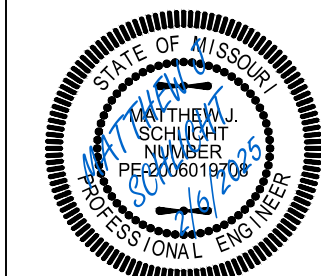


Professional Registration
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Kansas
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Oklahoma
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Nebraska
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Oldham Village
Lee's Summit, Jackson County, Missouri

Project
MARKETPLACE
LSMO
Issue Date
November 6, 2024

Oldham Parkway
Construction Notes and Cross Section
Construction Plans for:
Oldham Village
Lee's Summit, Jackson County, Missouri

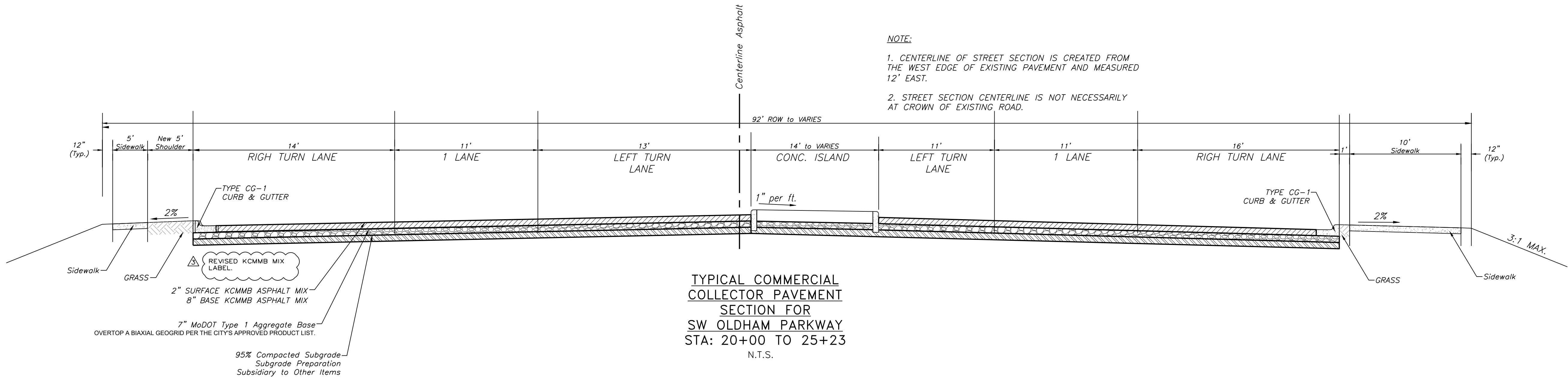
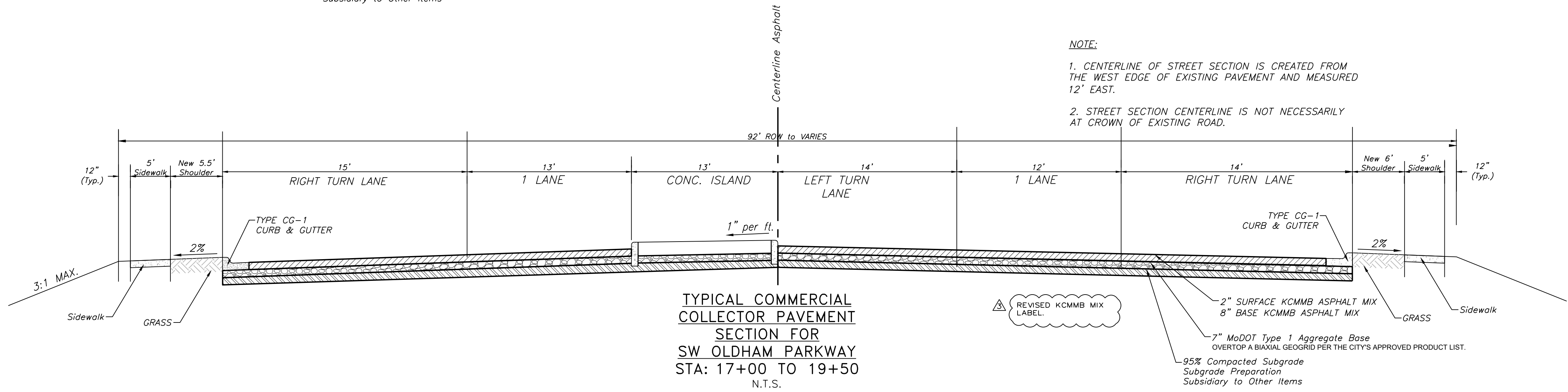
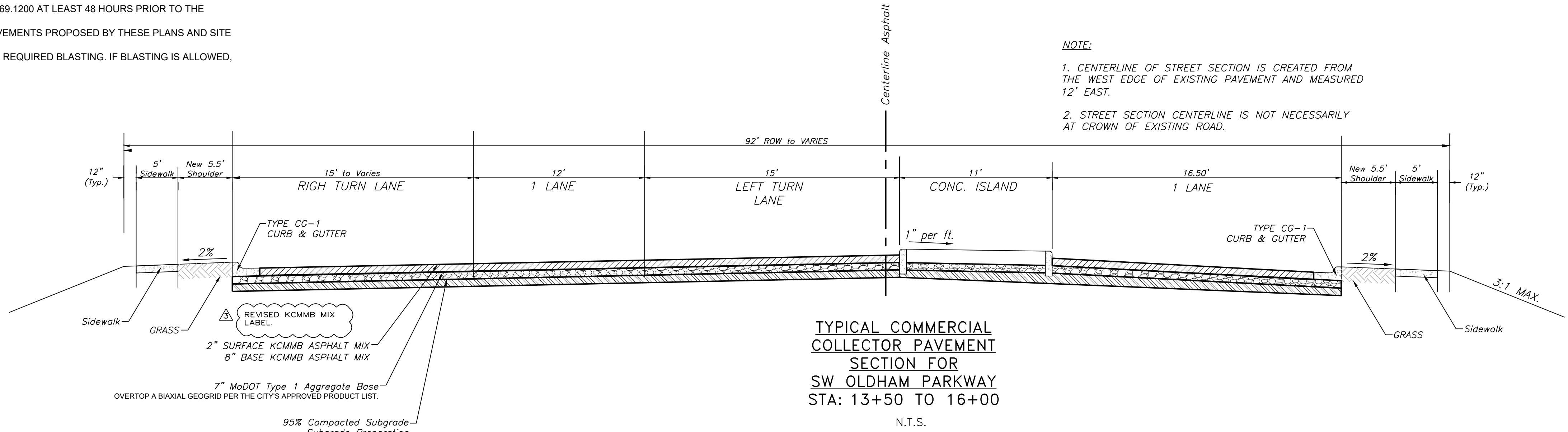


Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25226
NE PE E-14335

REVISIONS
REV. 12/10/2024
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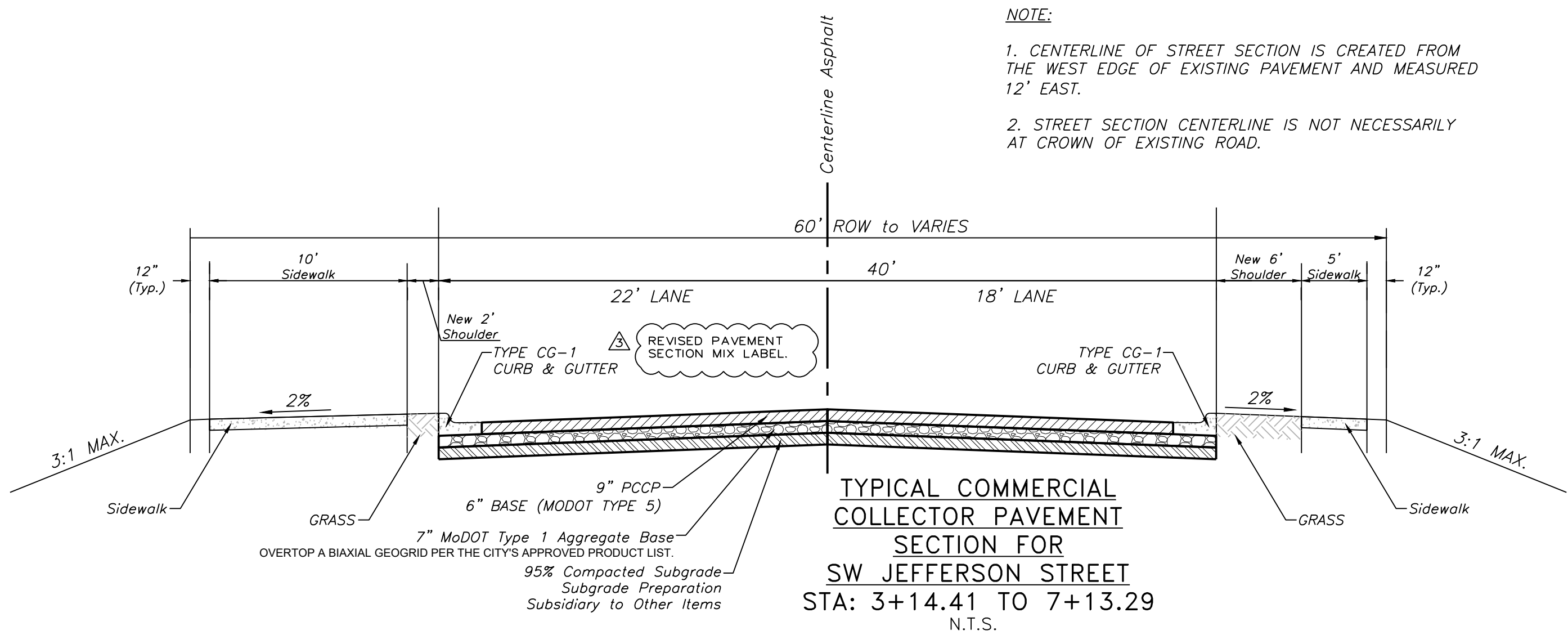
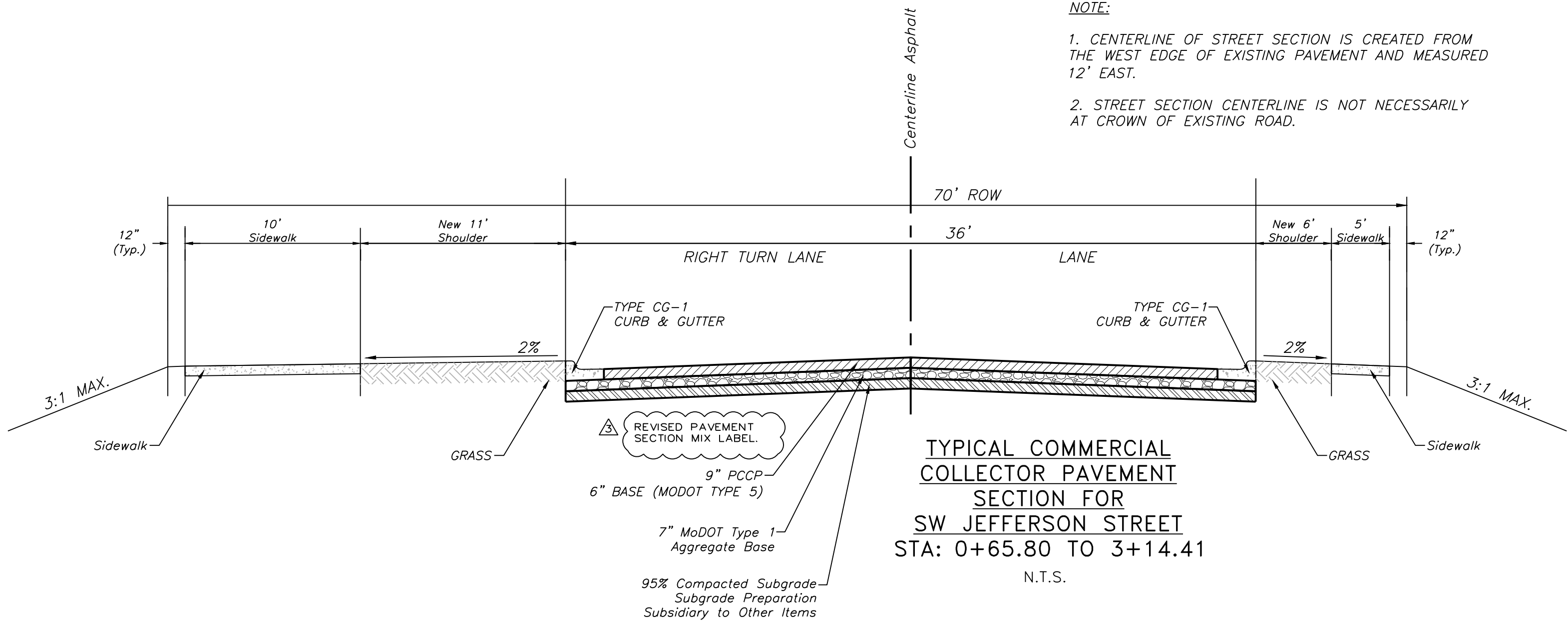
GENERAL NOTES:

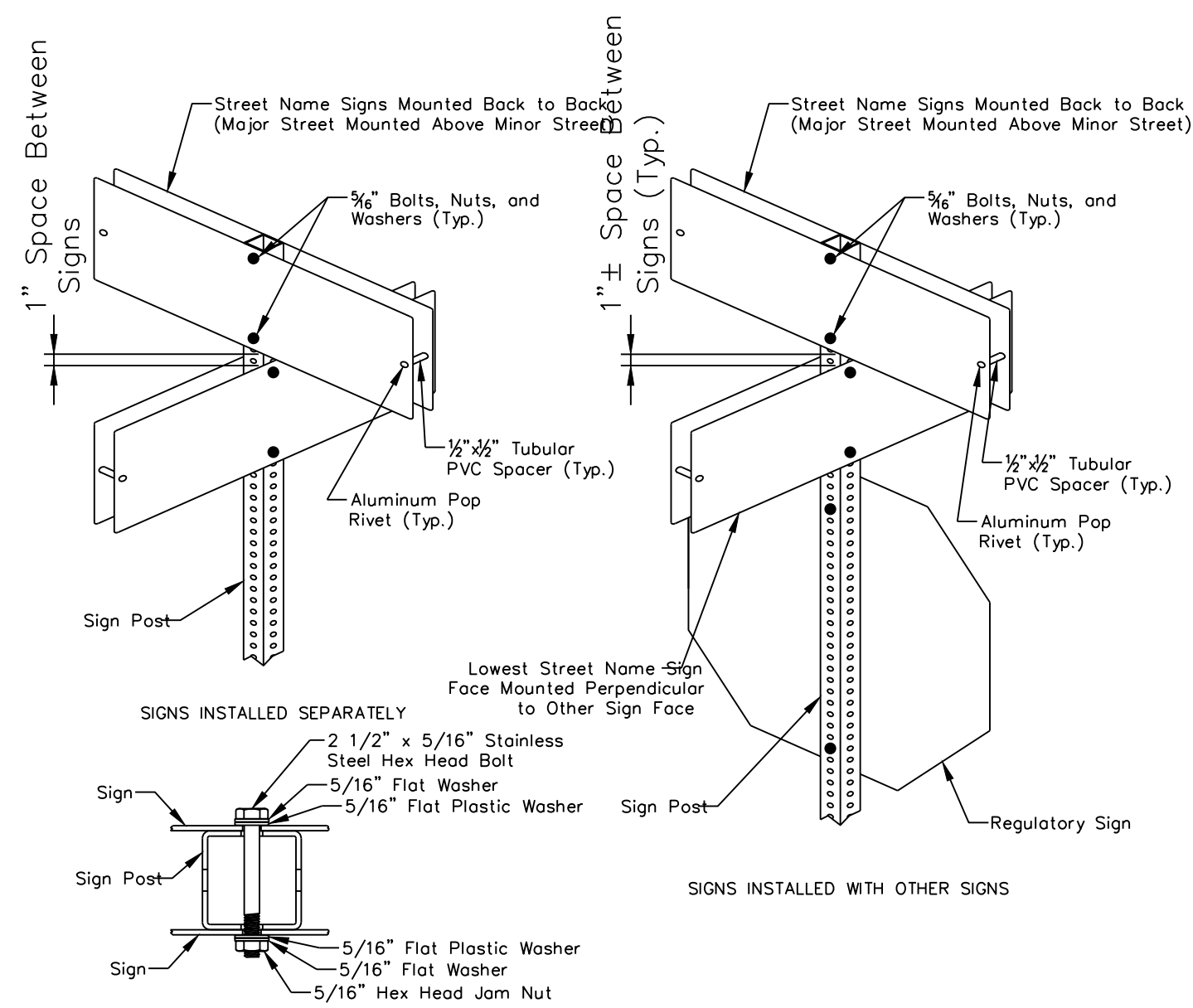
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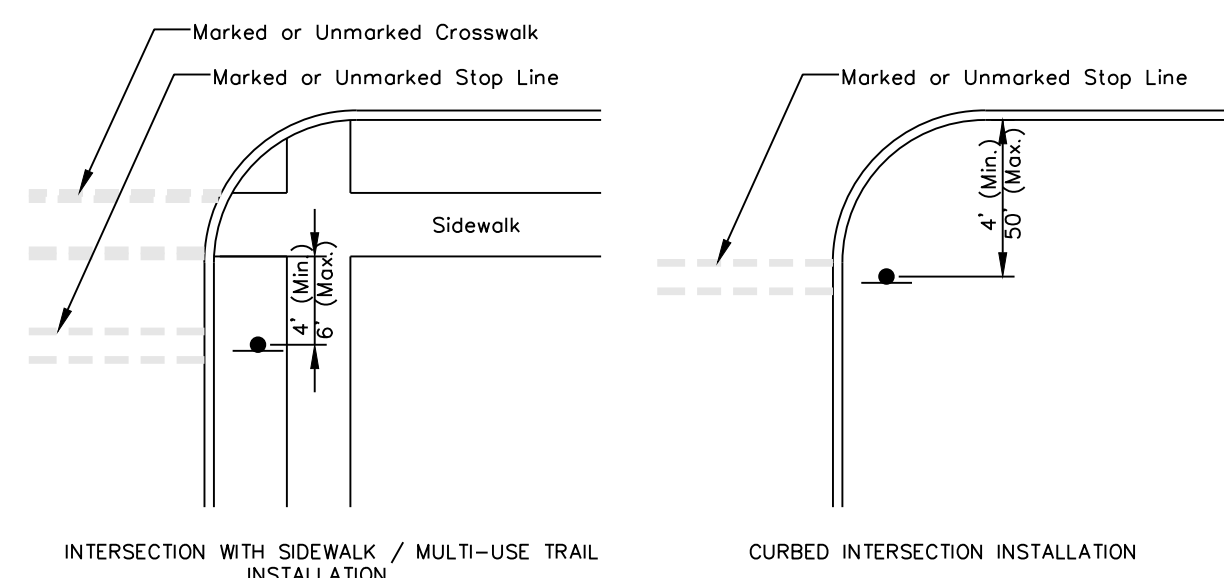




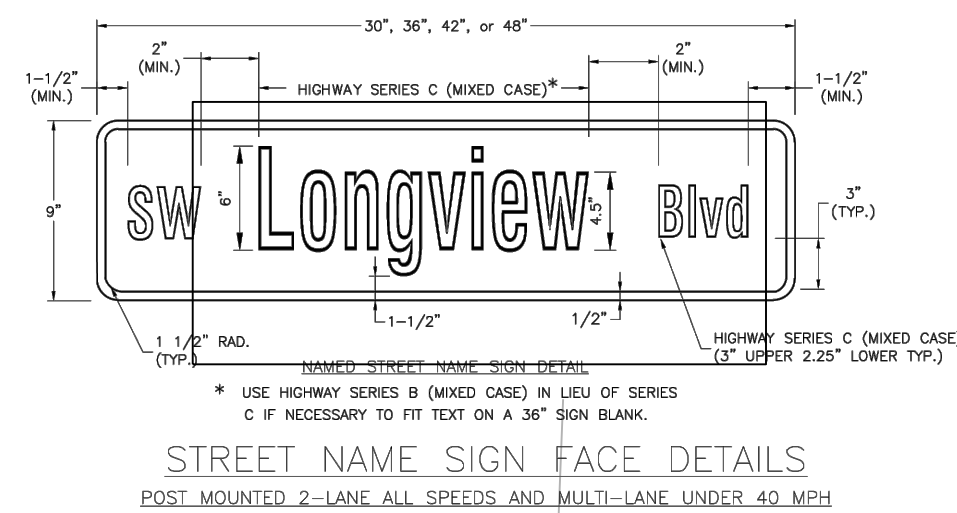
SQUARE STEEL POST MOUNTING DETAILS

SIGN MOUNTING DETAILS

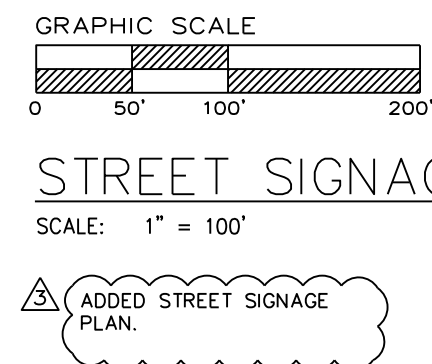
* The height to the bottom of a sign when it is located in a pedestrian walkway or extends into a walkway shall be a minimum of 80 inches above the walkway.



CONTROL SIGN LOCATION



STREET NAME SIGN FACE DETAILS
POST MOUNTED 2-LANE ALL SPEEDS AND MULTI-LANE UNDER 40 MPH

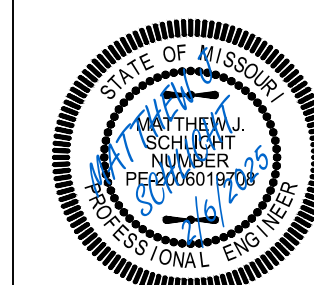


Street Signage Plan
Construction Plans for:
Oldham Village
Lee's Summit, Jackson County, Missouri

Oldham Village
Lee's Summit, Jackson County, Missouri

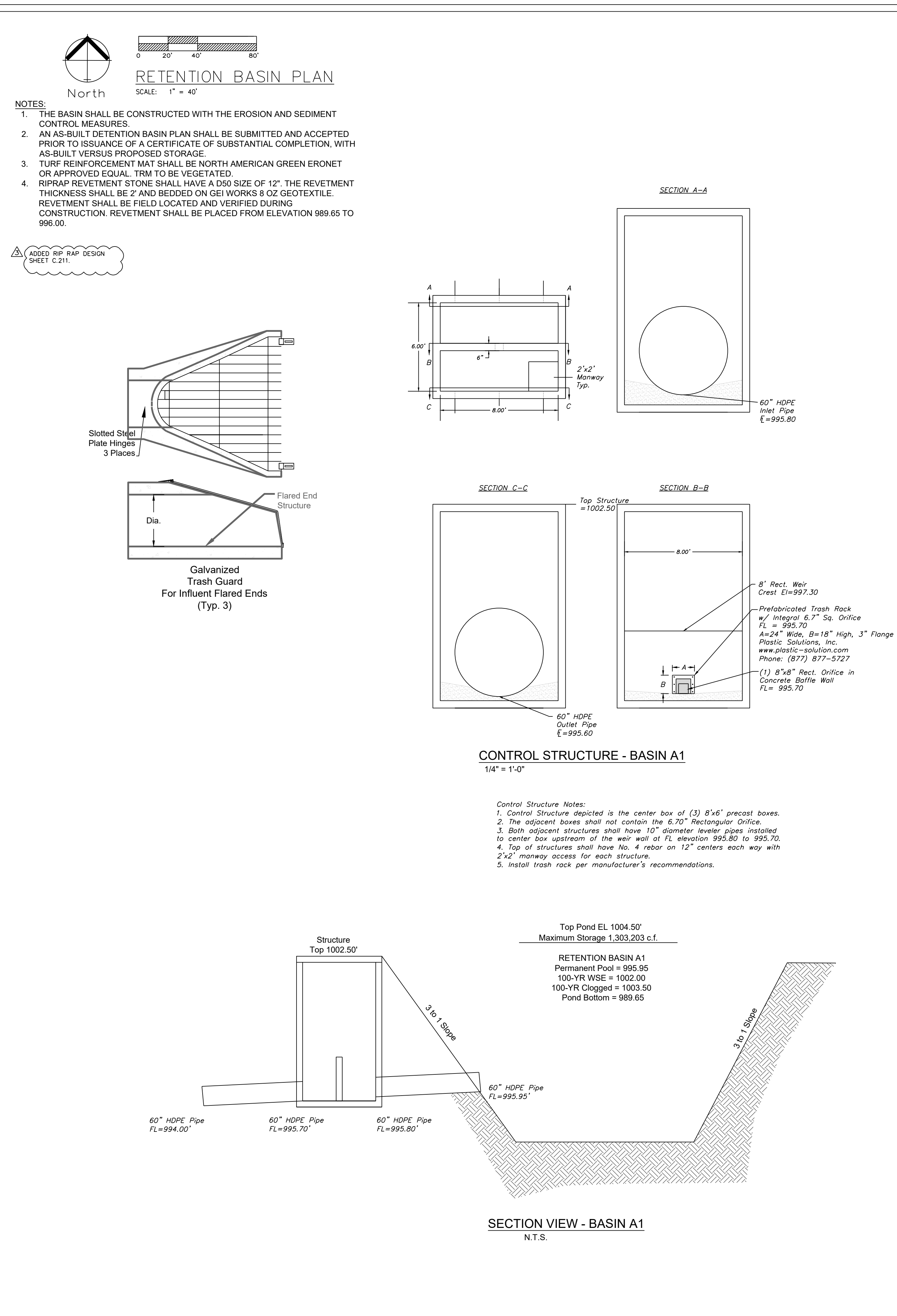
Professional Registration
Missouri
Engineering 2005002186-D
Surveying 2005008319-D
Kansas
Engineering E-1695
Surveying LS-218
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

Project:
MARKETPLACE,
LSMO
Issue Date:
November 6, 2024

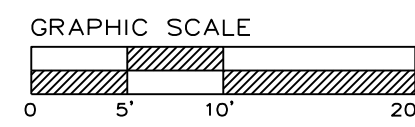


Matthew J. Schlicht
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NE PE E-14335

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REV. 12/10/2024
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REV. 2/6/2025

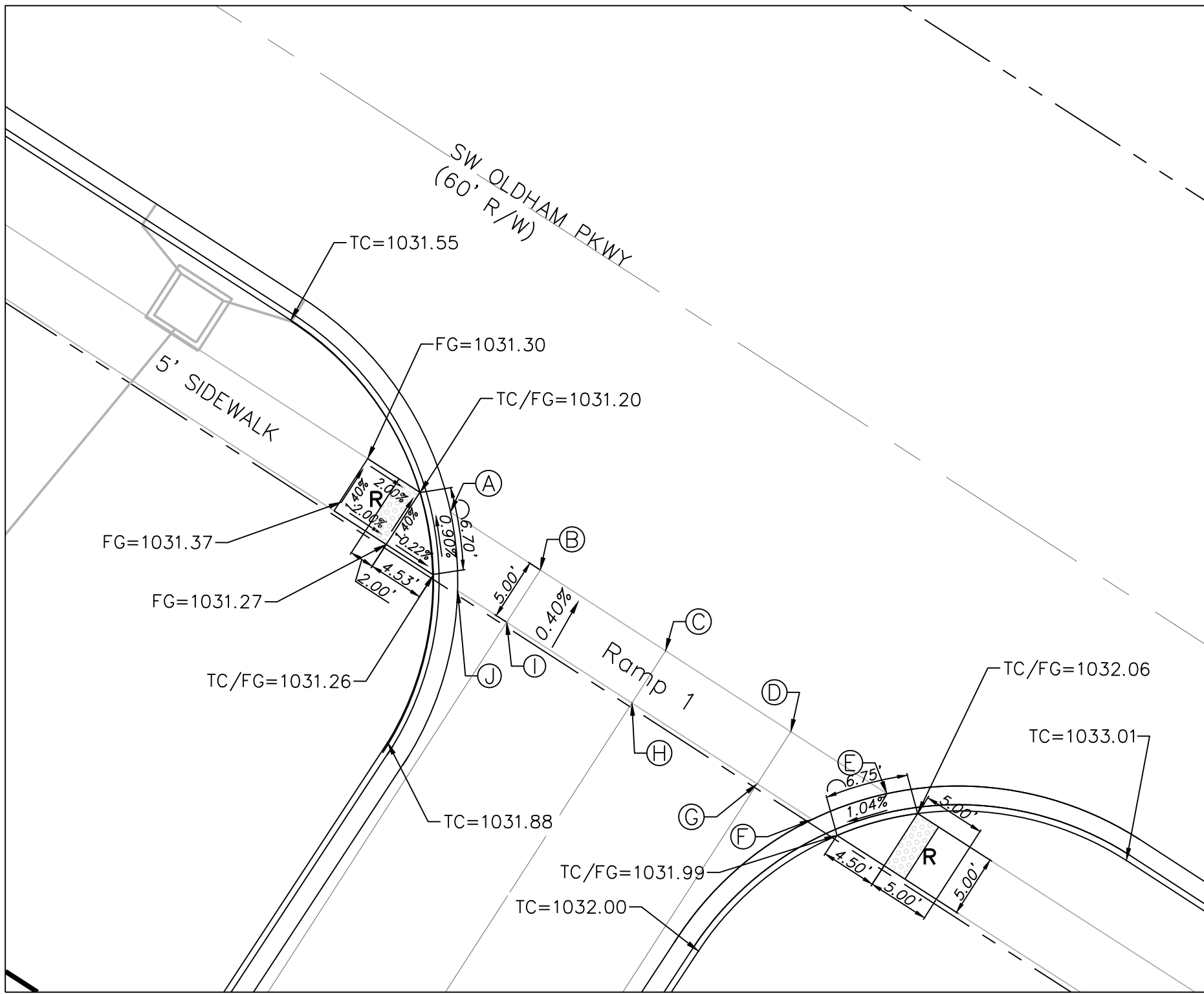


Added ADA-accessible route across intersections.

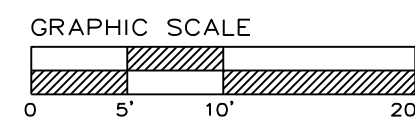
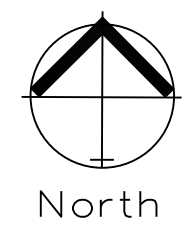


SIDEWALK AND INTERSECTION PLAN

SCALE: 1" = 10'



DETAIL 1



SIDEWALK AND INTERSECTION PLAN

SCALE: 1" = 10'



DETAIL 3

Legend:

EX TC = Existing Top of Curb

EX FG = Existing Finished Grade

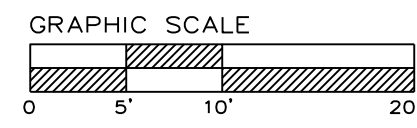
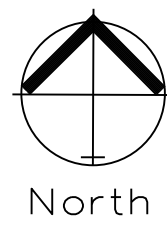
FG = Finished Grade

TC = Top of Curb

TC/FG = Top of Curb/Finished Grade

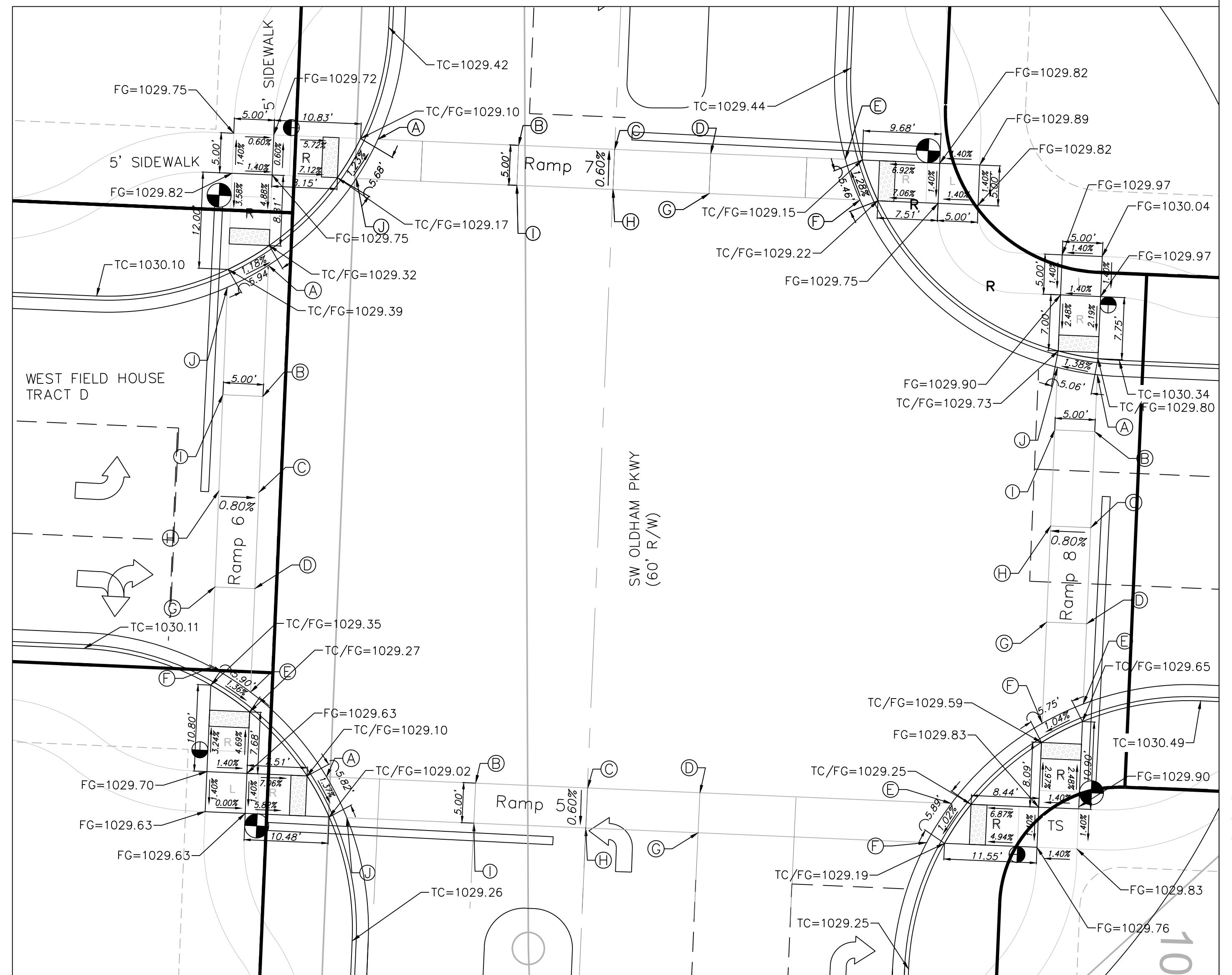
Detectable Warning

SPOT ELEVATION TABLE				
Spot	Ramp 1 Elevation	Ramp 2 Elevation	Ramp 3 Elevation	Ramp 2 Elevation
A	1031.20	1035.21	1032.59	1035.21
B	1031.38	1035.21	1032.34	1035.21
C	1031.62	1035.21	1032.05	1035.21
D	1031.87	1035.20	1031.76	1035.20
E	1032.06	1035.20	1031.51	1035.20
F	1031.99	1035.13	1031.59	1035.13
G	1031.88	1035.13	1031.74	1035.13
H	1031.62	1035.14	1032.08	1035.14
I	1031.36	1035.14	1032.41	1035.14
J	1031.26	1035.14	1032.56	1035.14



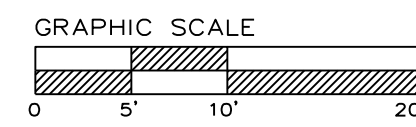
SIDEWALK AND INTERSECTION PLAN

SCALE: 1" = 10'



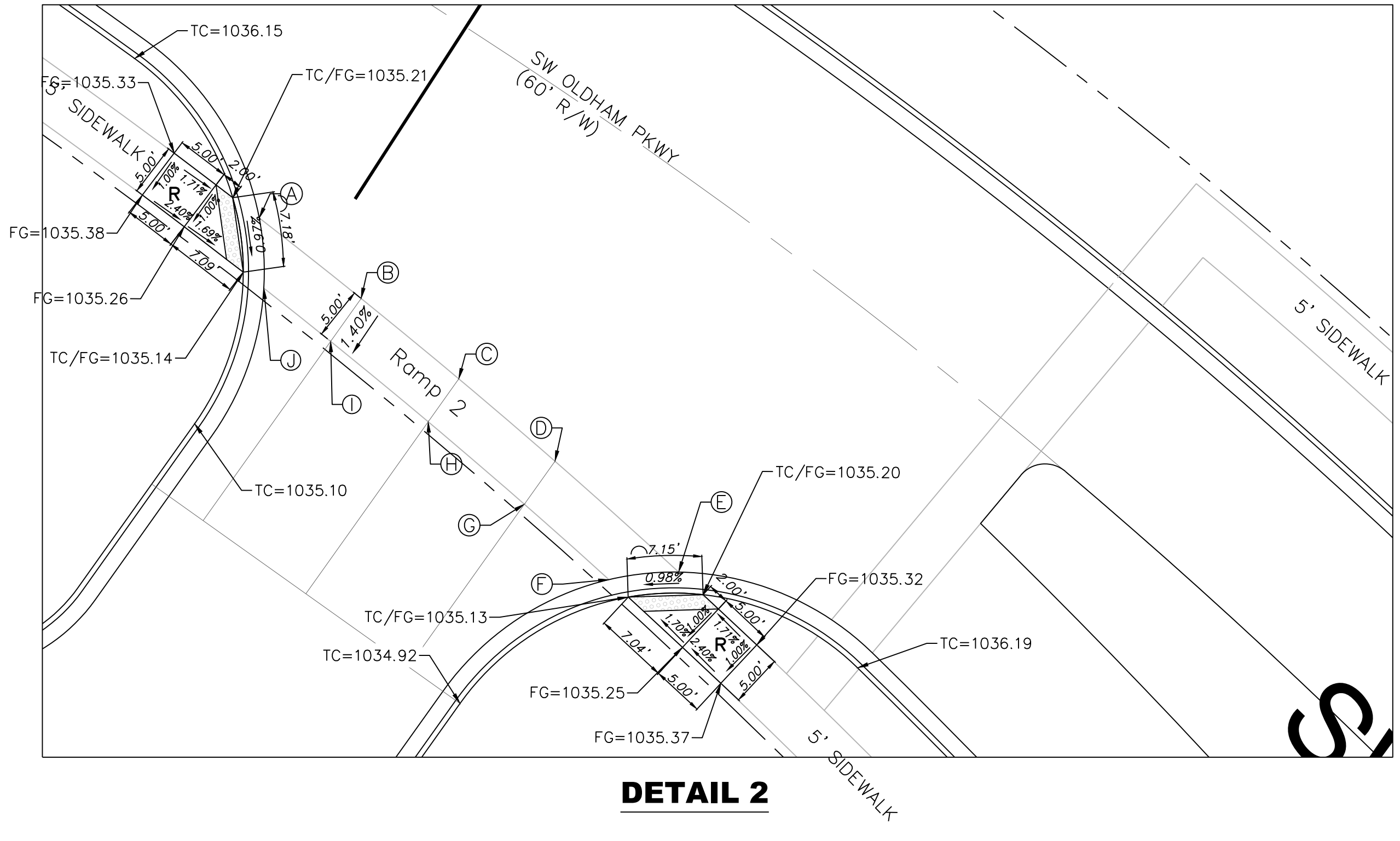
DETAIL 4

SPOT ELEVATION TABLE				
Spot	Ramp 5 Elevation	Ramp 6 Elevation	Ramp 7 Elevation	Ramp 8 Elevation
A	1029.10	1029.32	1029.10	1029.80
B	1029.21	1029.63	1029.27	1029.95
C	1029.30	1029.86	1029.39	1030.21
D	1029.27	1029.58	1029.29	1029.90
E	1029.25	1029.27	1029.15	1029.65
F	1029.19	1029.35	1029.22	1029.59
G	1029.23	1029.60	1029.34	1029.87
H	1029.27	1029.90	1029.41	1030.14
I	1029.15	1029.66	1029.32	1029.89
J	1029.02	1029.39	1029.17	1029.73



SIDEWALK AND INTERSECTION PLAN

SCALE: 1" = 10'



DETAIL 2

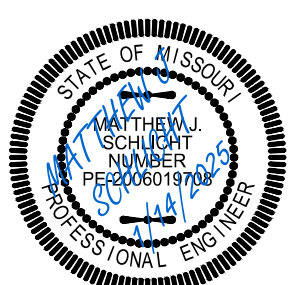


Professional Registration
Missouri
Engineering 2005002186-D
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Kansas
Engineering E-1685
Surveying LS-218
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Nebraska
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Oldham Village
Lee's Summit, Jackson County, Missouri

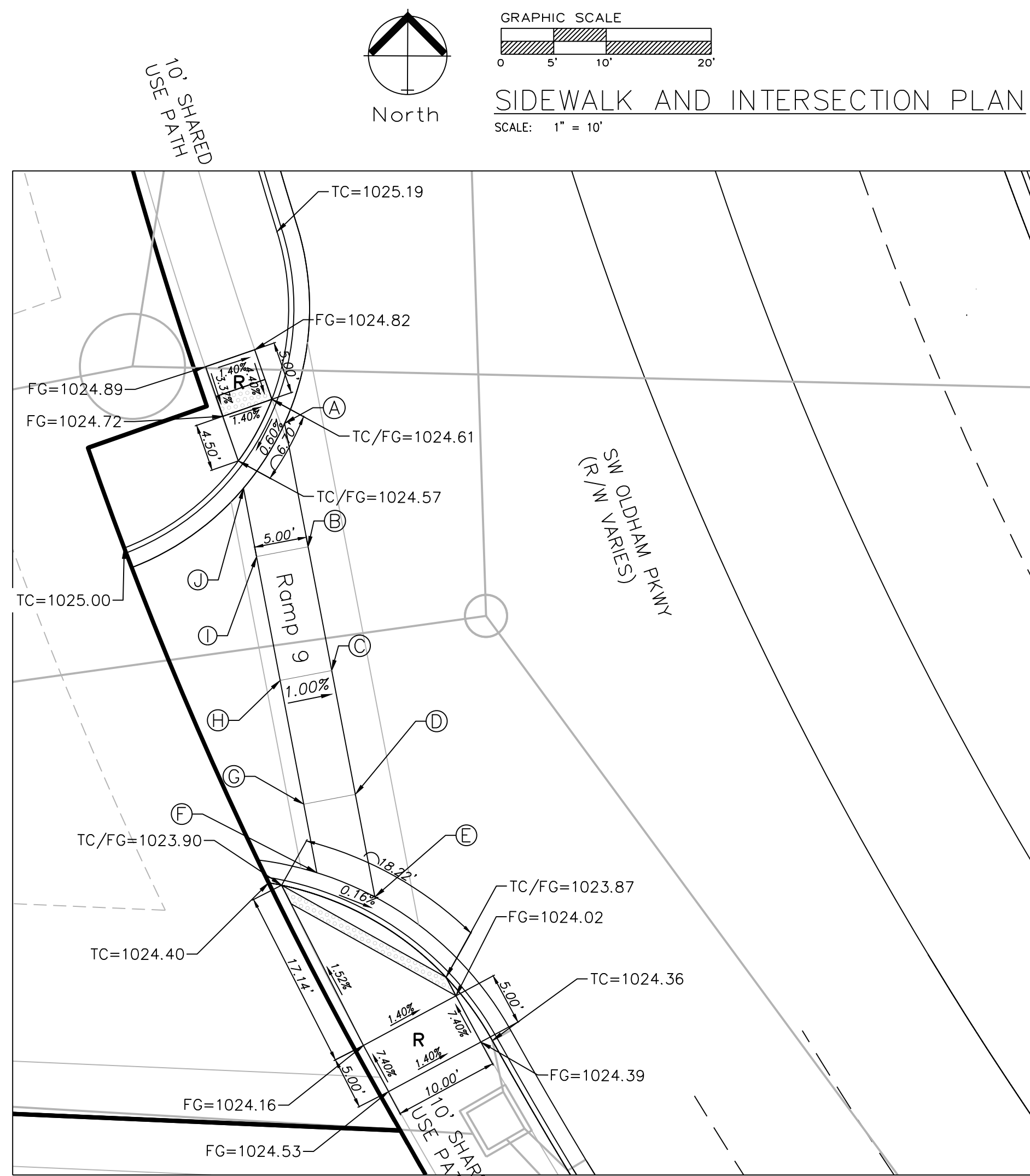
Project
MARKETPLACE
LSMO
Issue Date
November 6, 2024

Sidewalk and Intersection Plan
Construction Plans for:
Oldham Village
Lee's Summit, Jackson County, Missouri



Matthew J. Schlicht
MO PE 000001708
KS PE 19071
OK PE 25226
NE PE E-14335

REVISIONS
REV. 12/10/2024
REV. 1/2/2025
REV. 1/14/2025



Legend:

EX TC = Existing Top of Curb

EX FG = Existing Finished Grade

FG = Finished Grade

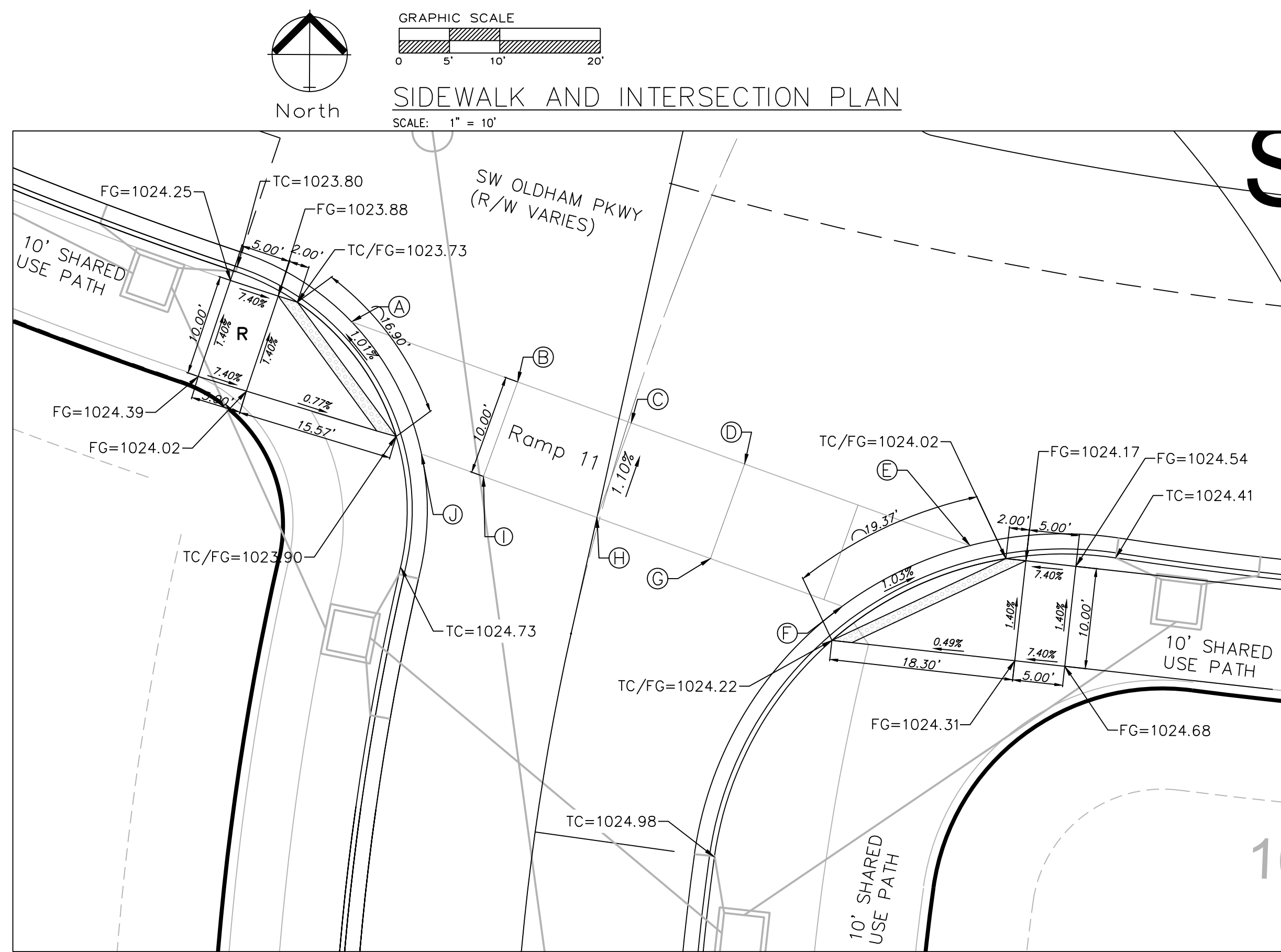
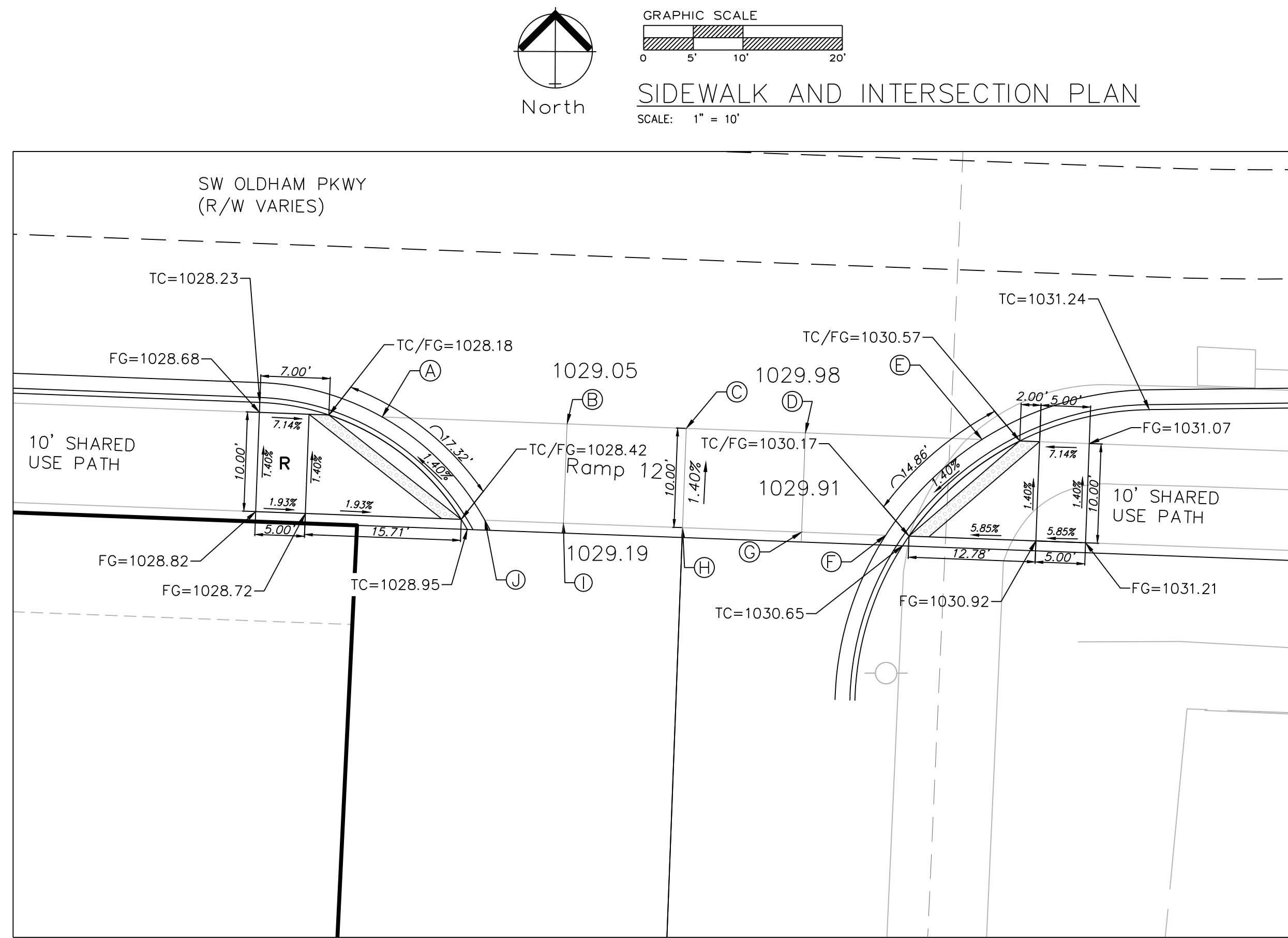
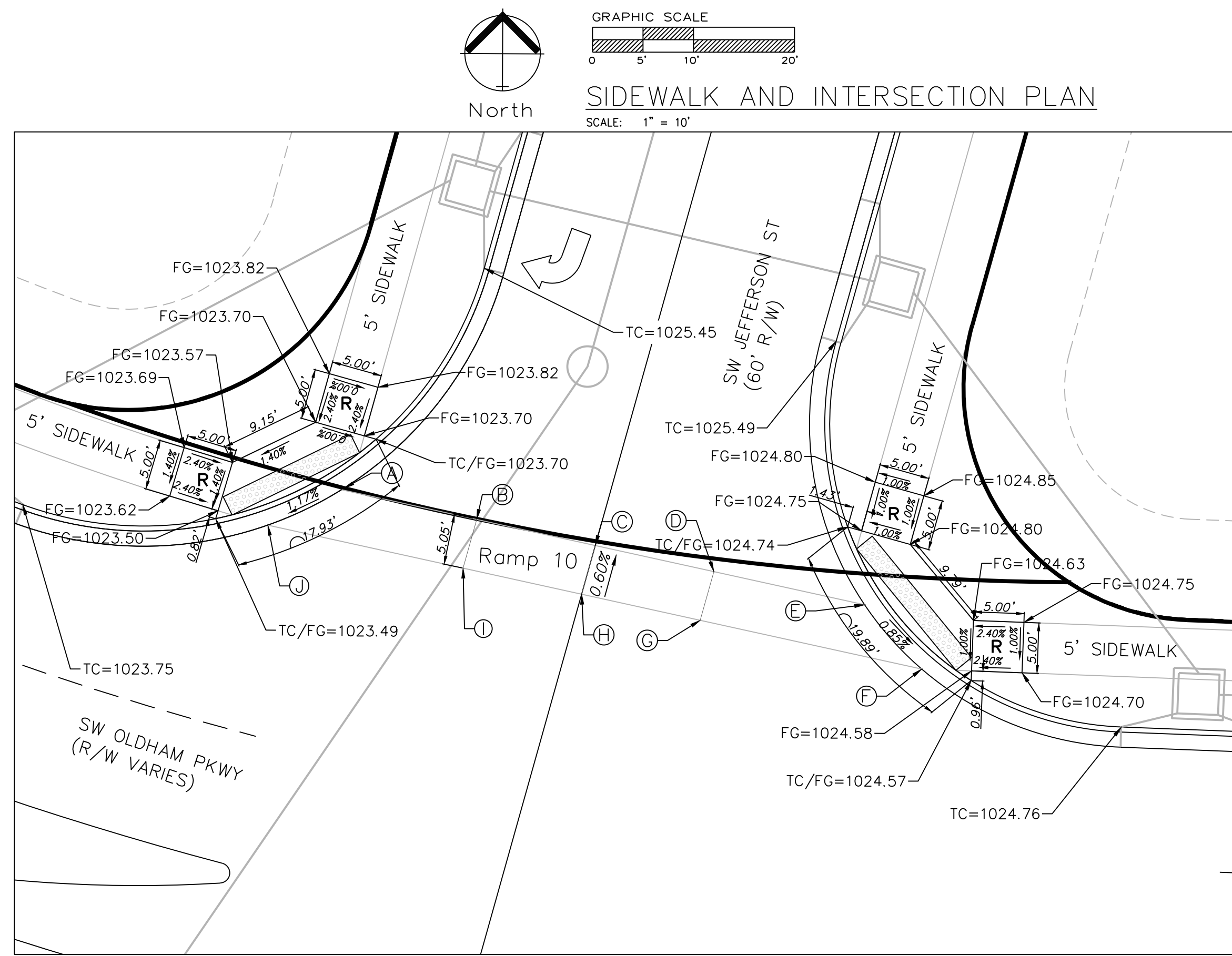
TC = Top of Curb

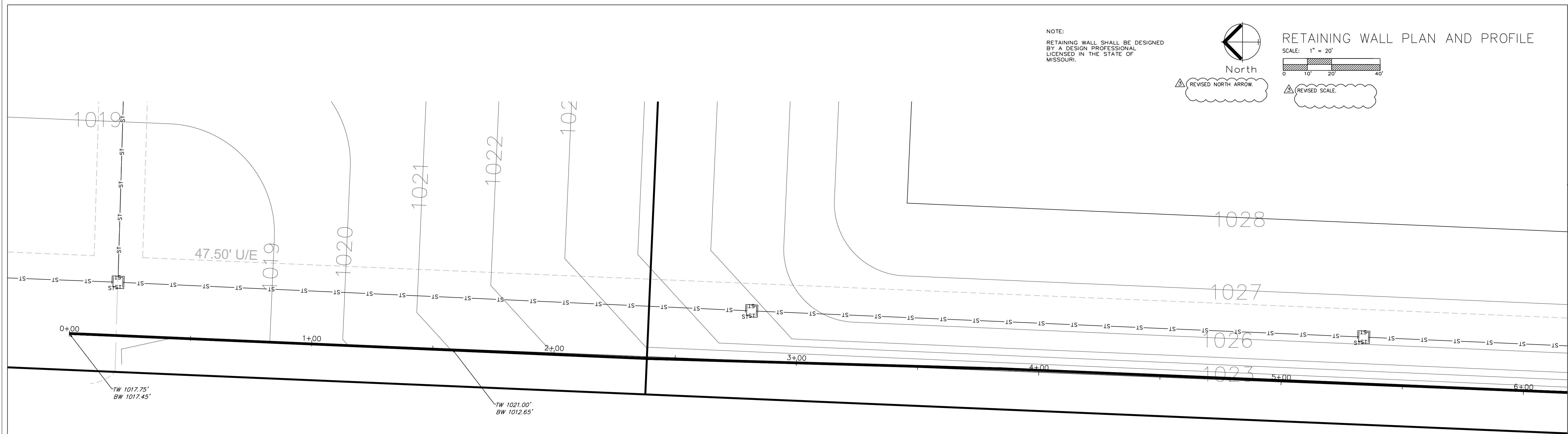
TC/FG = Top of Curb/Finished Grade

Detectable Warning

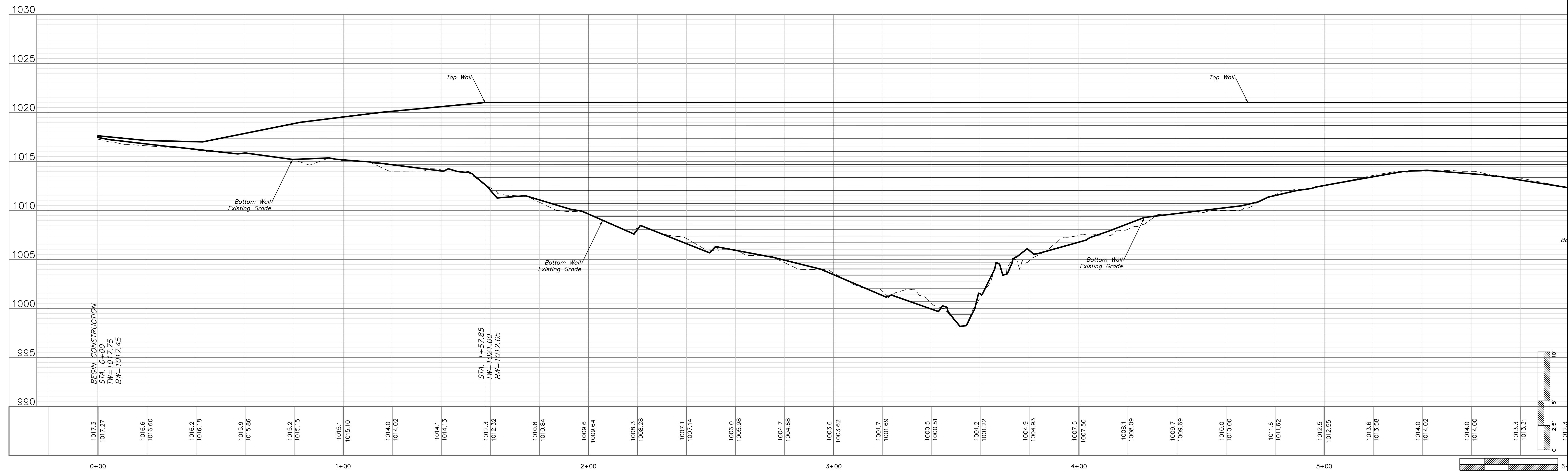
Added ADA-accessible route across intersections.

SPOT ELEVATION TABLE				
Spot	Ramp 9	Ramp 10	Ramp 11	Ramp 12
A	1024.61	1024.14	1023.73	1028.18
B	1024.62	1024.57	1024.14	1029.05
C	1024.64	1024.94	1024.42	1029.58
D	1024.23	1024.83	1024.29	1029.98
E	1023.89	1024.68	1024.02	1030.57
F	1023.90	1024.61	1024.22	1030.17
G	1024.18	1024.77	1024.39	1029.91
H	1024.69	1024.85	1024.53	1029.65
I	1024.61	1024.54	1024.12	1029.19
J	1024.57	1024.04	1023.90	1028.95





RETAINING WALL 1



ENGINEERING SOLUTIONS
ENGINEERING & SURVEYING
50 SE 30TH STREET
LEE'S SUMMIT, MO 64082
P: (816) 623-9888 F: (816) 623-9849

Professional Registration
Missouri
Engineering 2005002186-D
Surveying 2005008319-D
Kansas
Engineering E-1685
Surveying LS-218
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

Project: MARKETPLACE, LS MO
Issue Date: November 6, 2024

Spot Elevations
Construction Plans for:
Oldham Village
Lee's Summit, Jackson County, Missouri

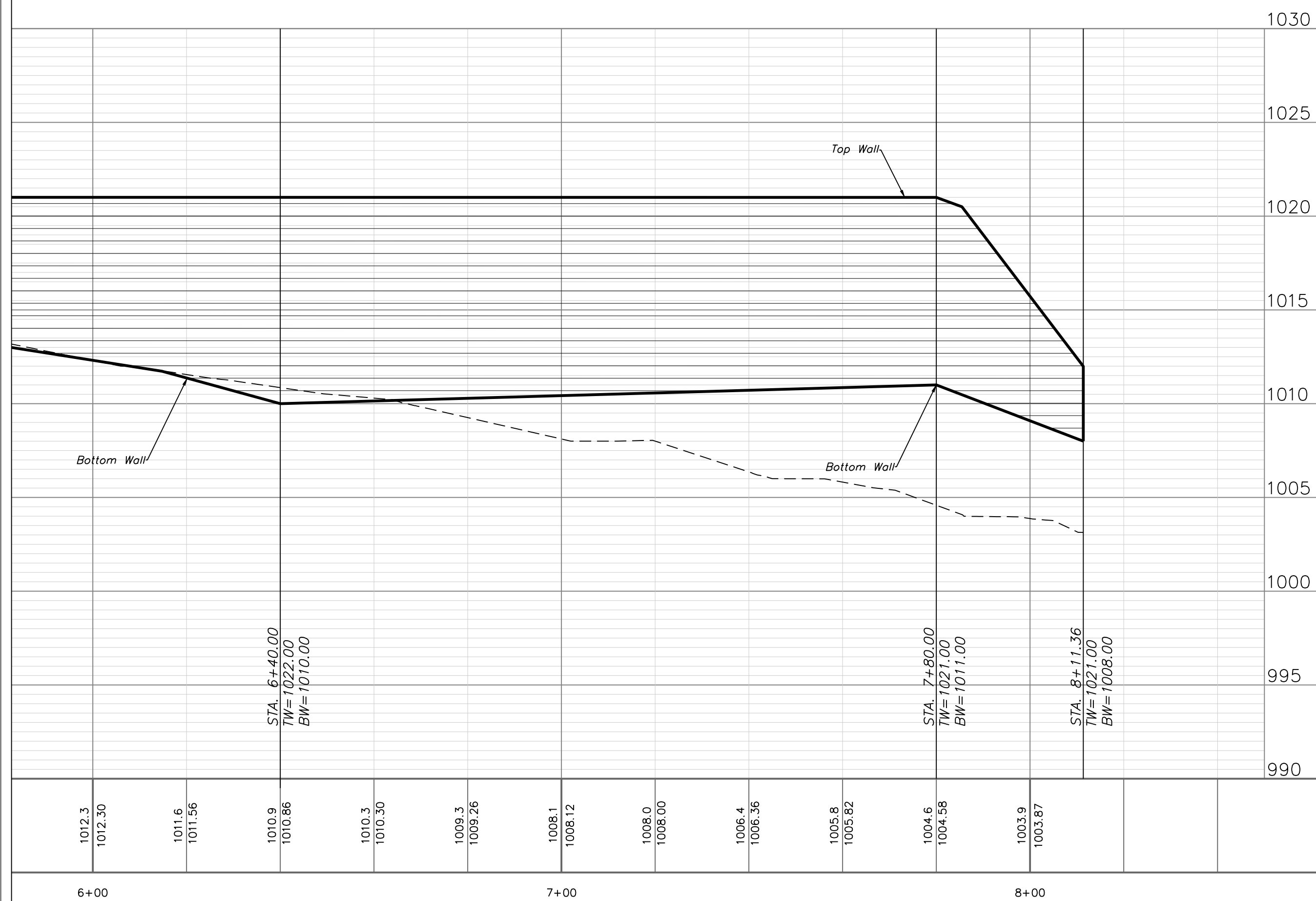
Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25226
NE PE E-14335

REVISIONS
REV. 12/10/2024
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REV. 2/6/2025

C.220

SCALE: 1" = 20'

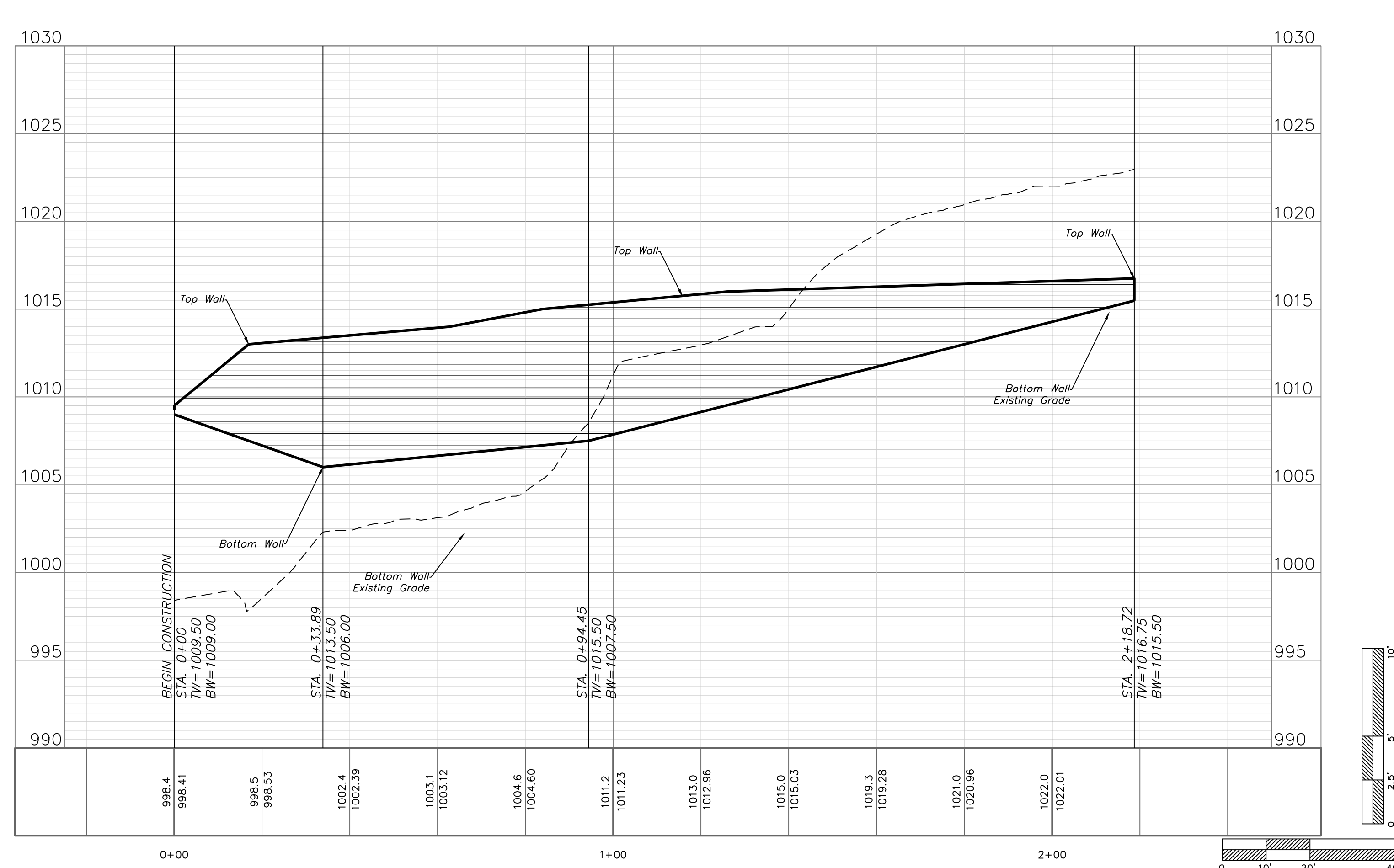
A horizontal scale bar with a total length of 40 feet. It is divided into four equal segments of 10 feet each. The segments are shaded in an alternating pattern: the first and third segments from the left are white, while the second and fourth segments are filled with diagonal hatching. Below the bar, the markings 0, 10', 20', and 40' are indicated at the corresponding positions.



North

SCALE: 1" = 20'

0 10' 20'

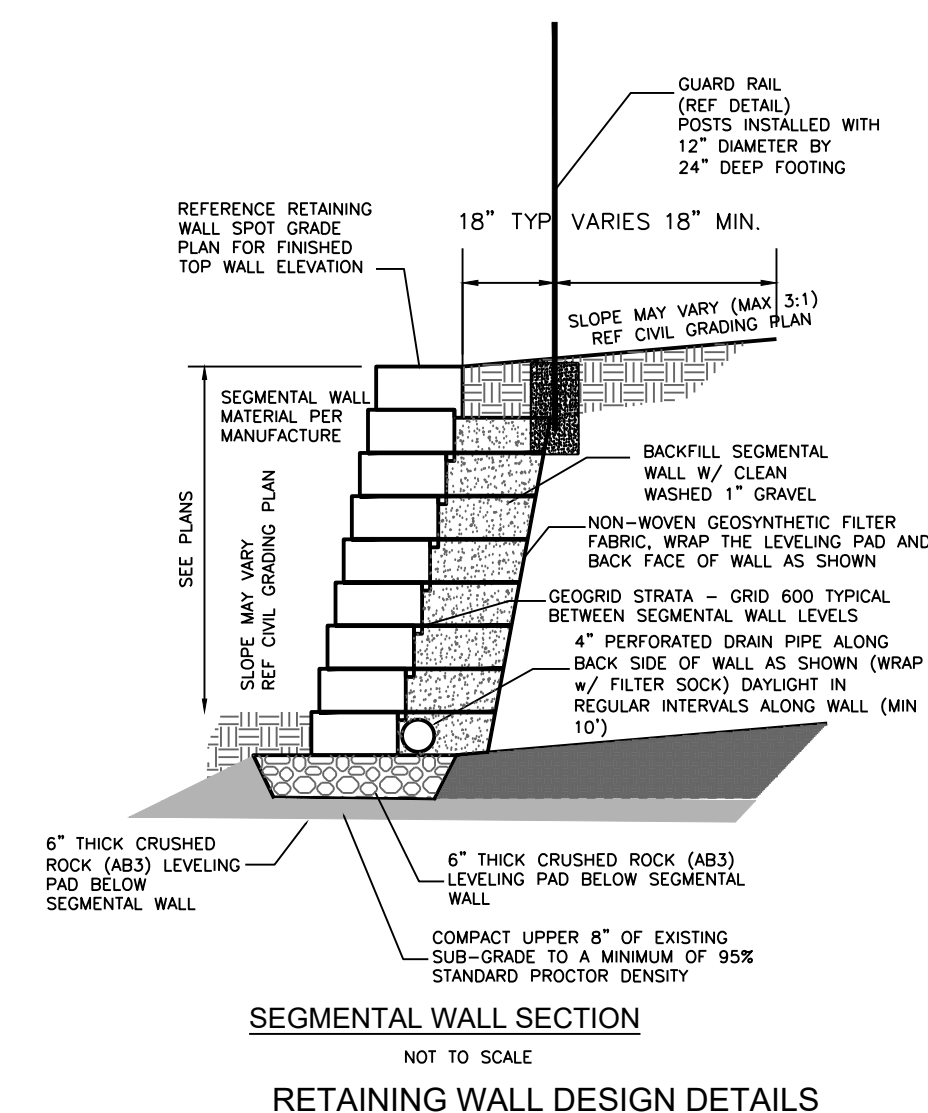


C.221

North

SCALE: 1" = 20'

0 10' 20' 40



PLAN VIEW

4' EXTENSION

1.5" GALV. SQ. T.S. GUARDRAIL W/ 1.5" T.S. HORIZONTALS @ 19" O.C. MAX. TYP.

PER DETAIL

TOP OF SEGMENTAL RETAINING WALL

ADDED 4' GUARD RAIL FENCE @ 90° FROM MAIN FENCE LINE

PROFILE VIEW

4' TYP.

9" MAX.

T.O. GUARD RAIL
+3'-6"

T.O. CONC.
+0'-0"

FACE OF SEGMENTAL RETAINING WALL



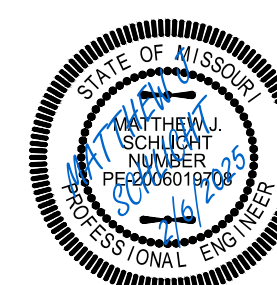
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Oldham Village
Lee's Summit, Jackson County, Missouri

Project:
OLDHAM
MARKETPLACE,
LSMO

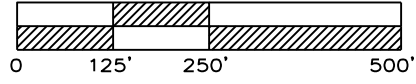
Issue Date:
November 5, 2024

Spot Elevations
Construction Plans for:
Oldham Village
Lee's Summit, Jackson County, Missouri



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REVISIONS	
1	REV. 12/10/2024
2	REV. 1/2/2025
3	REV. 2/6/2025



TRAFFIC CONTROL PLAN
GENERAL LAYOUT

SCALE: 1" = 250'

NOTES:

1. ALL SIGNS TO BE PLACED PER MUTCD MANUAL.
2. THE ROAD SHALL BE CLOSED AND WORK ONLY BE ALLOWED BETWEEN 9:00 A.M. AND 4:00 P.M., MONDAY THROUGH FRIDAY.
3. THE STREET TO BE PLATED DURING NON-WORKING HOURS AND THE ROAD REOPENED FOR NORMAL TRAFFIC.
4. GIVEN THE DEPTH OF THE TRENCH, THE CONTRACTOR MAY DECIDE TO DO A COMPACTED BACKFILL, COMPACTION TESTING AND REPORTS WILL BE REQUIRED.
5. A RIGHT-OF-WAY AND TRAFFIC CONTROL PERMIT APPLICATION WILL NEED TO BE COMPLETED PRIOR TO COMMENCEMENT OF THE WORK.
6. A PRE-CONSTRUCTION MEETING IS REQUIRED BETWEEN THE CONTRACTOR AND THE CITY'S FIELD ENGINEERING INSPECTOR PRIOR TO COMMENCEMENT OF ANY WORK.
7. CONTRACTOR TO NOTIFY CITY 14 CALENDAR DAYS BEFORE CLOSURE.

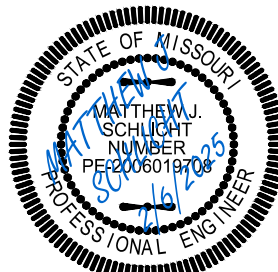


Professional Registration
Missouri
Engineering 2005002186-D
Surveying 2005008319-D
Kansas
Engineering E-1695
Surveying LS-218
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

Oldham Village
Lee's Summit, Jackson County, Missouri

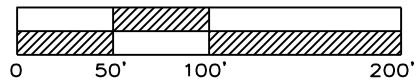
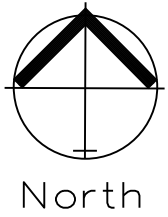
Project
MARKETPLACE
LSMO
Issue Date
November 6, 2024

TRAFFIC CONTROL PLAN GENERAL LAYOUT
Construction Plans for:
Oldham Village
Lee's Summit, Jackson County, Missouri



Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25226
NE PE E-14335

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REV. 12/10/2024	
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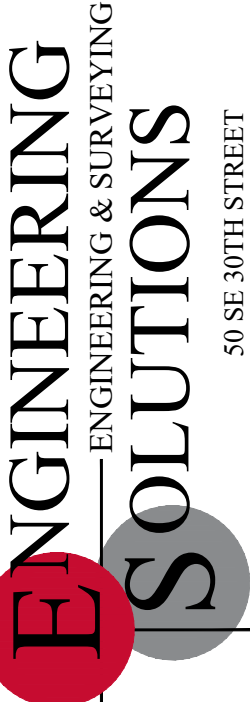


TRAFFIC CONTROL PLAN

SCALE: 1" = 100'

NOTES:

1. ALL SIGNS TO BE PLACED PER MUTCD MANUAL.
2. THE ROAD SHALL BE CLOSED AND WORK ONLY BE ALLOWED BETWEEN 9:00 A.M. AND 4:00 P.M., MONDAY THROUGH FRIDAY.
3. THE STREET TO BE PLATED DURING NON-WORKING HOURS AND THE ROAD REOPENED FOR NORMAL TRAFFIC.
4. GIVEN THE DEPTH OF THE TRENCH, THE CONTRACTOR MAY DECIDE TO DO A COMPACTED BACKFILL, COMPACTION TESTING AND REPORTS WILL BE REQUIRED.
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6. A PRE-CONSTRUCTION MEETING IS REQUIRED BETWEEN THE CONTRACTOR AND THE CITY'S FIELD ENGINEERING INSPECTOR PRIOR TO COMMENCEMENT OF ANY WORK.

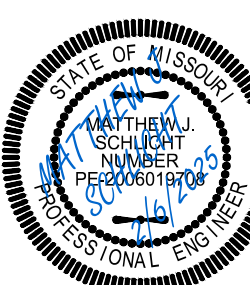


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Oklahoma
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Nebraska
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Oldham Village
Lee's Summit, Jackson County, Missouri

Project: MARKETPLACE, LS MO
Issue Date: November 6, 2024

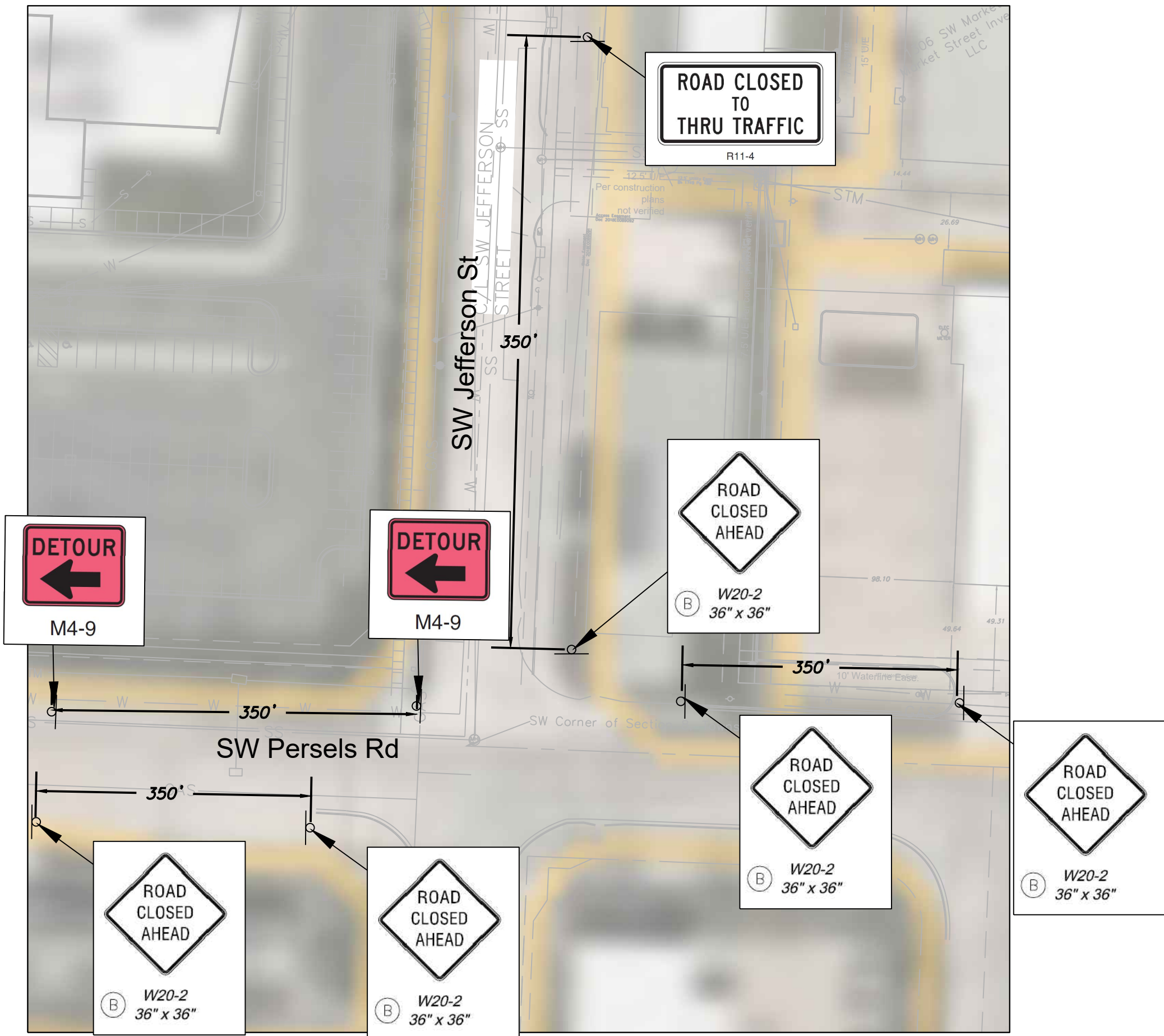
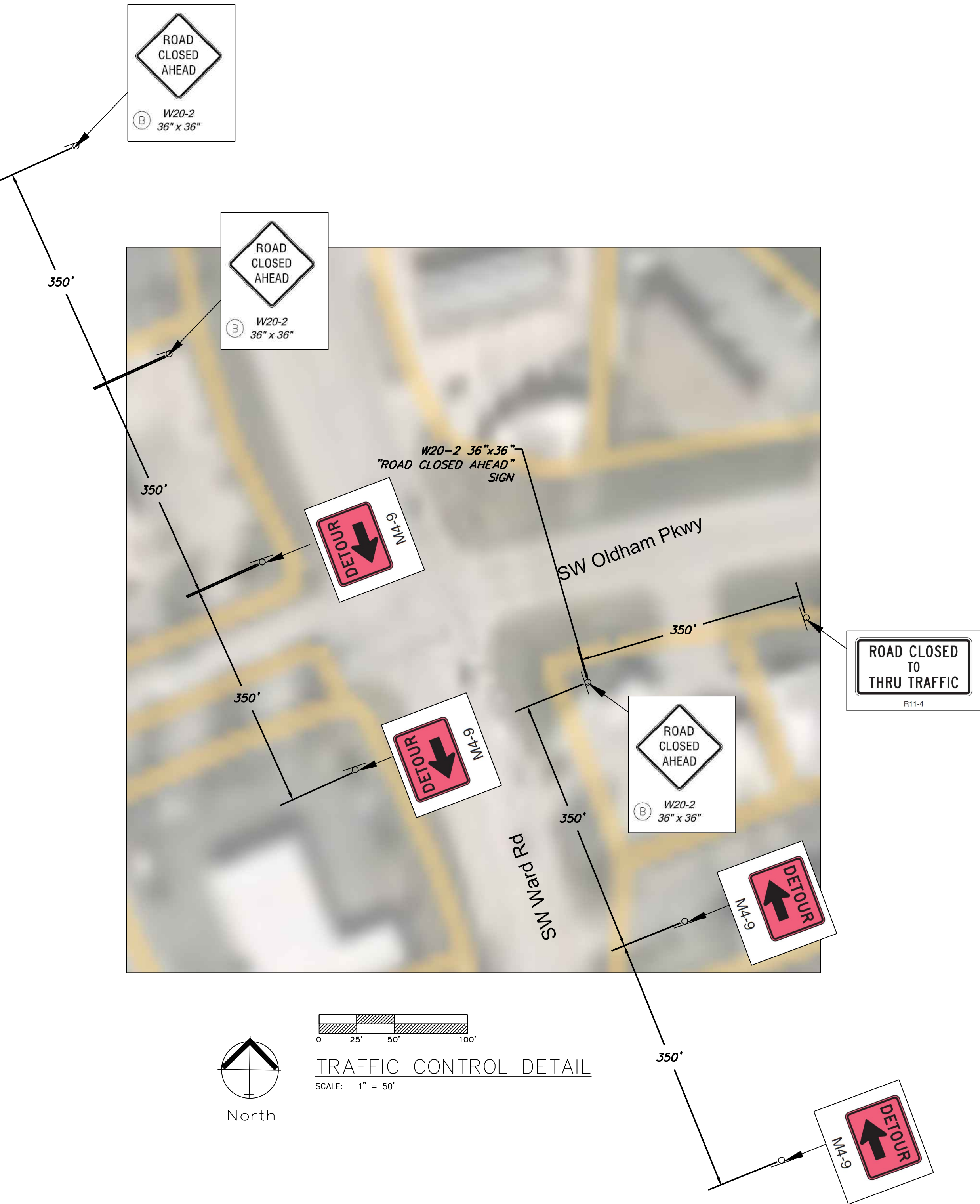
TRAFFIC CONTROL PLAN
Construction Plans for:
Oldham Village
Lee's Summit, Jackson County, Missouri



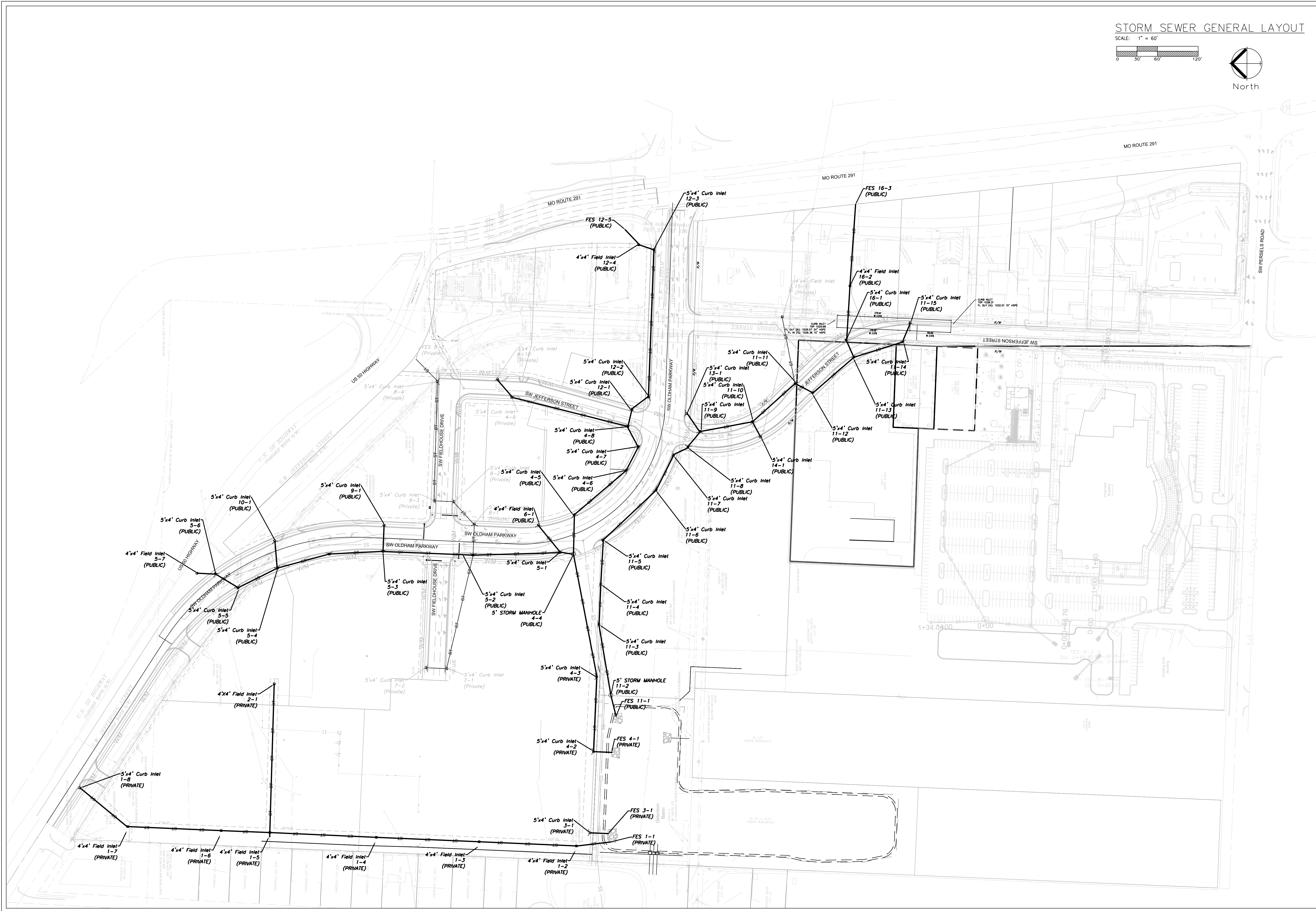
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KS PE 19071
OK PE 25226
NE PE E-14335

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</



STORM SEWER GENERAL LAYOUT
SCALE: 1" = 60'

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Engineering E-1685
Surveying LS-218
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

Project
MARKETPLACE
LSMO
Issue Date
November 6, 2024

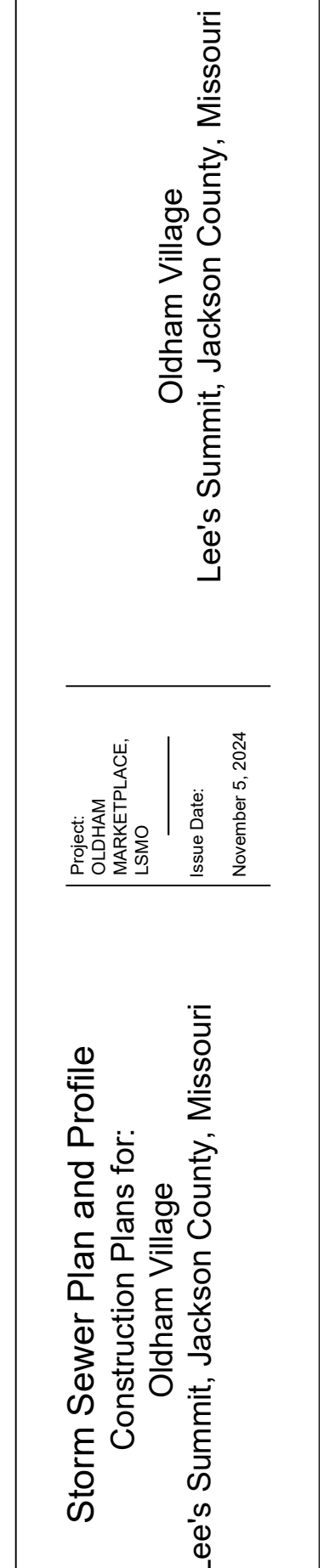
Storm Sewer General Layout
Construction Plans for:
Oldham Village
Lee's Summit, Jackson County, Missouri

Storm Sewer General Layout
Construction Plans for:
Oldham Village
Lee's Summit, Jackson County, Missouri

STATE OF MISSOURI
MATTHEW J. SCHLICHT
REGISTERED PROFESSIONAL ENGINEER
NO. 14335
EXPIRATION DATE 12/31/2025

Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25226
NE PE E-14335

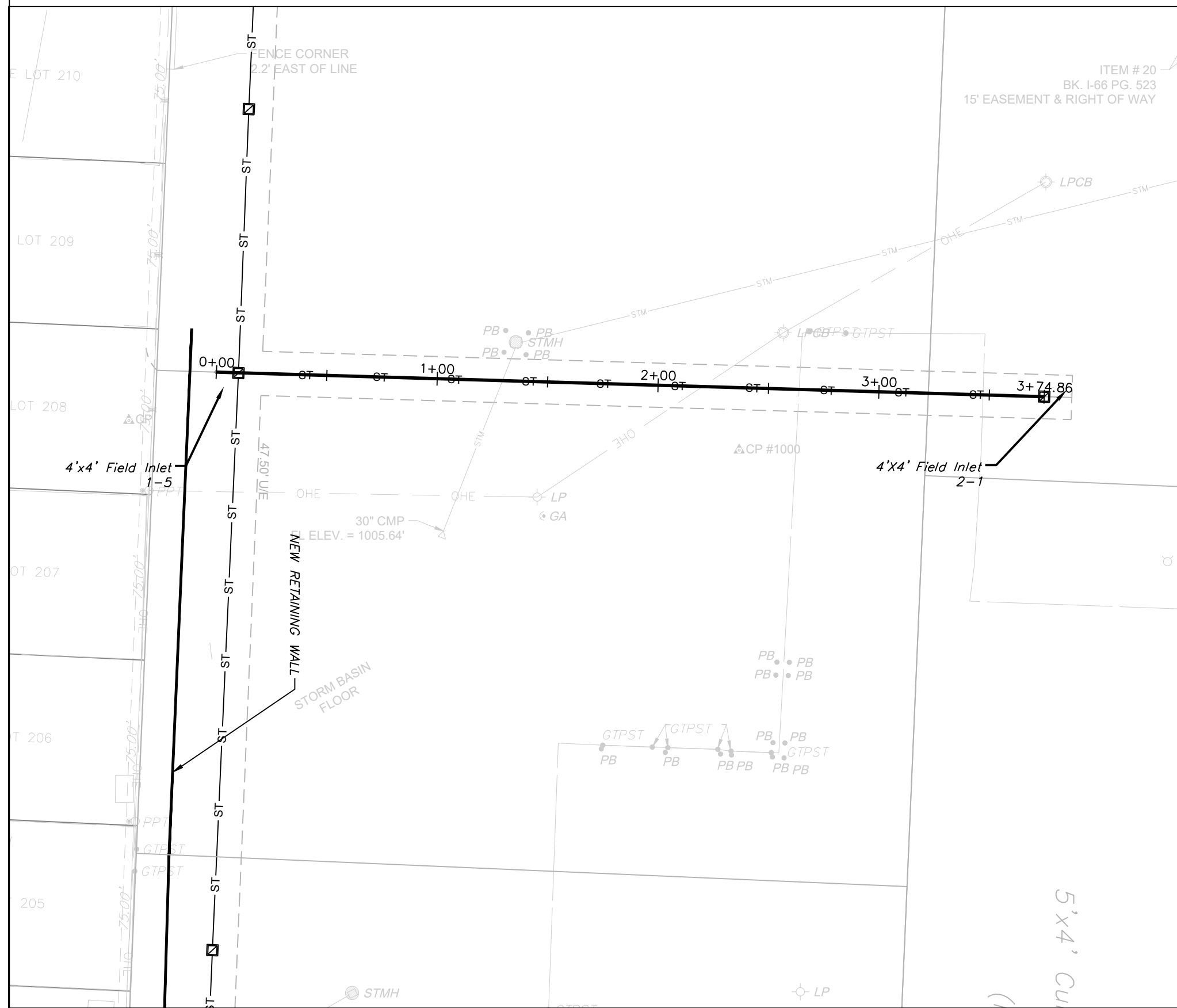
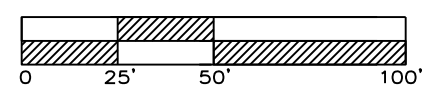
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REV. 2/6/2025	





STORM SEWER PLAN AND PROFILE

SCALE: 1" = 50'

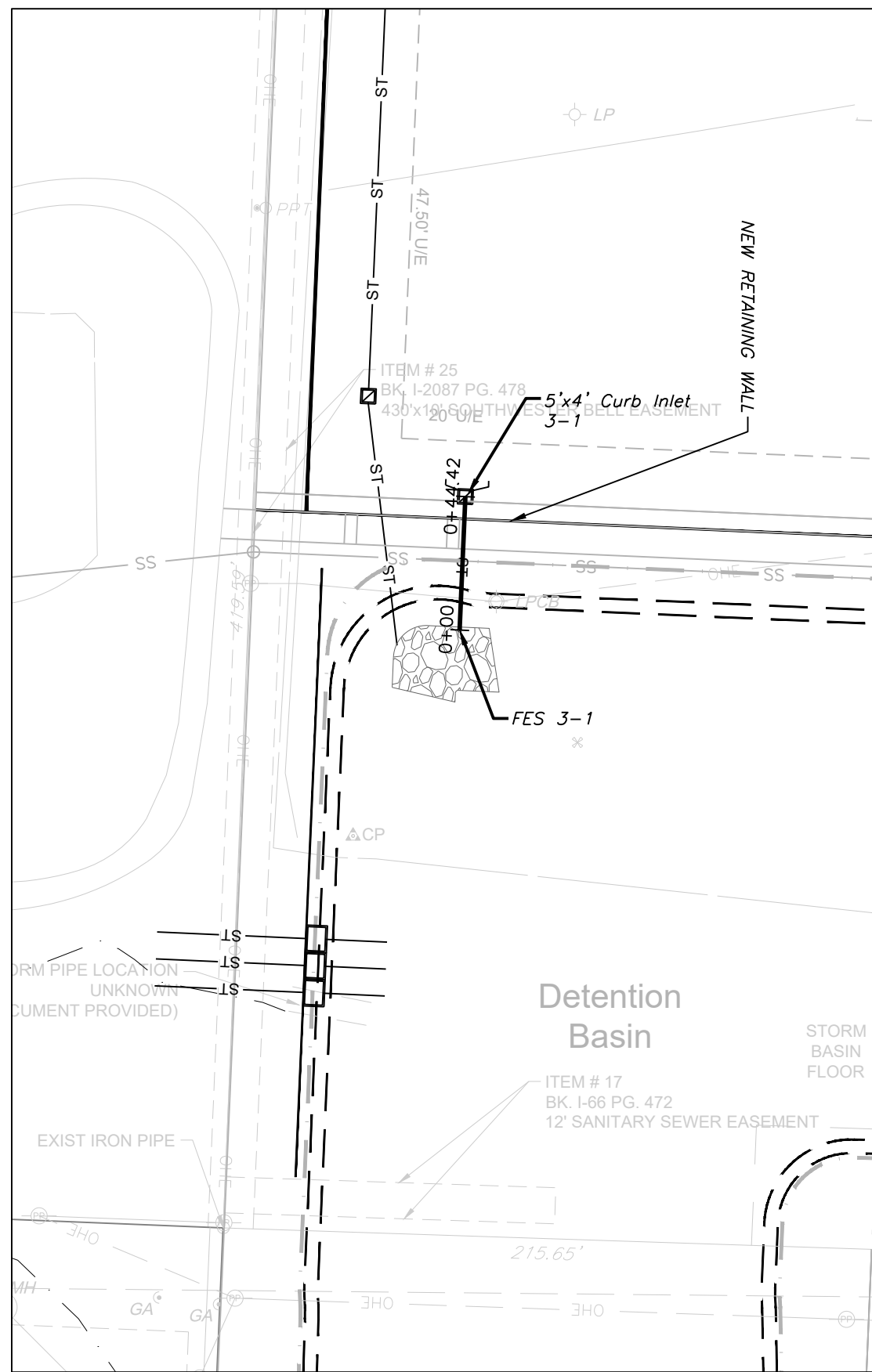
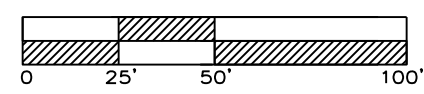


STORM LINE 2

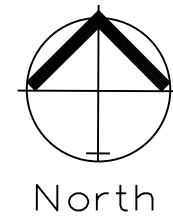


STORM SEWER PLAN AND PROFILE

SCALE: 1" = 50'

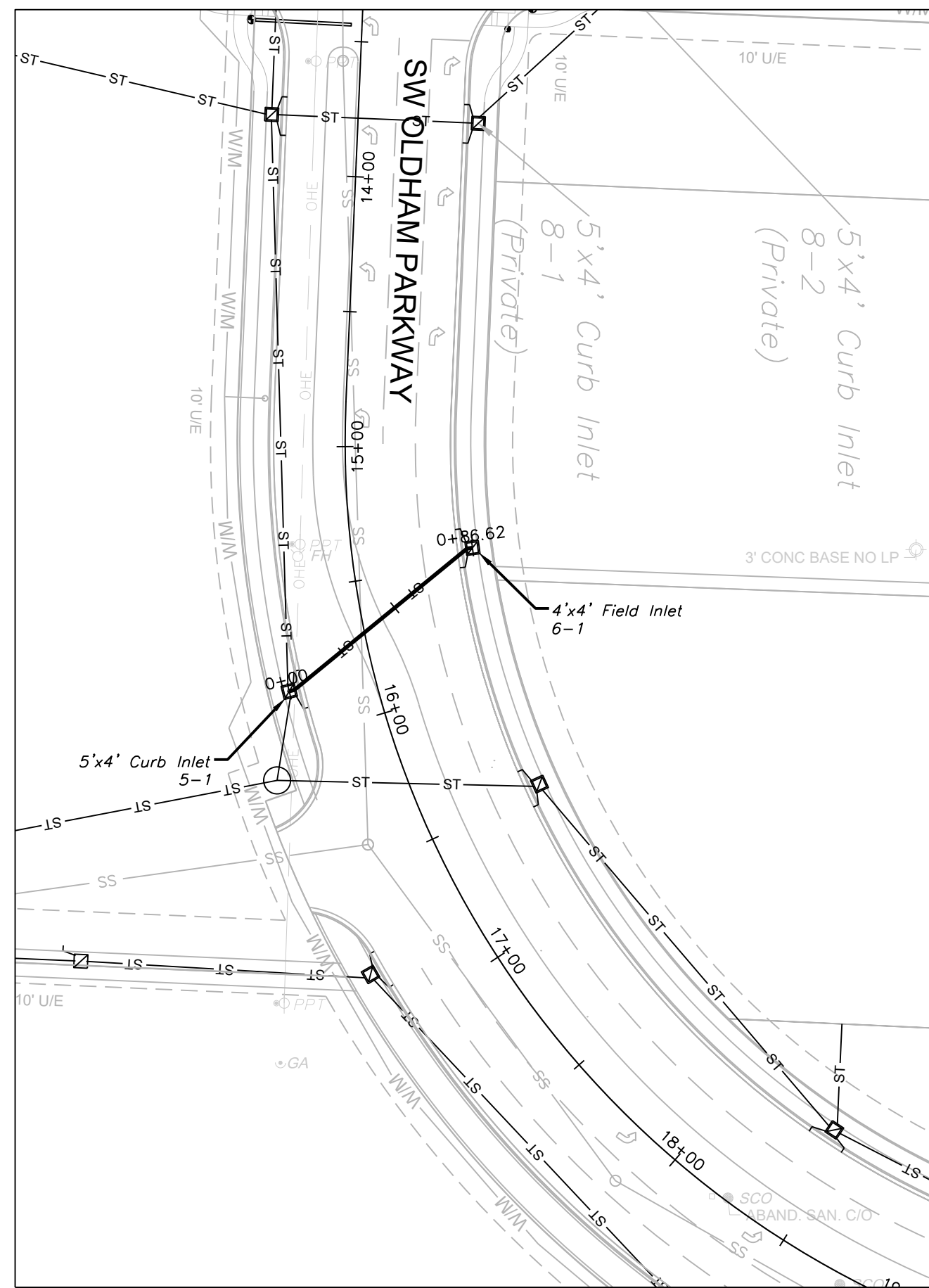
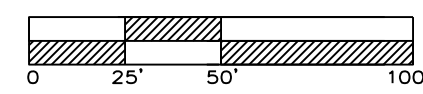


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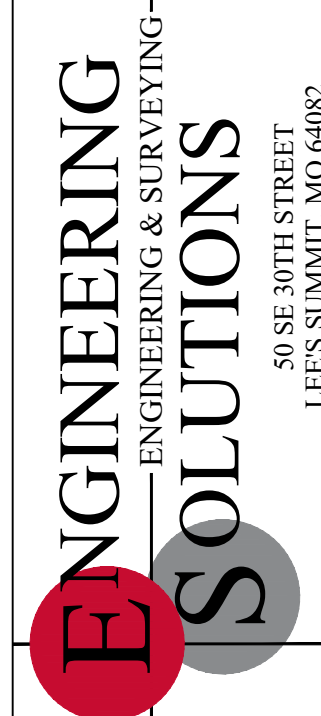
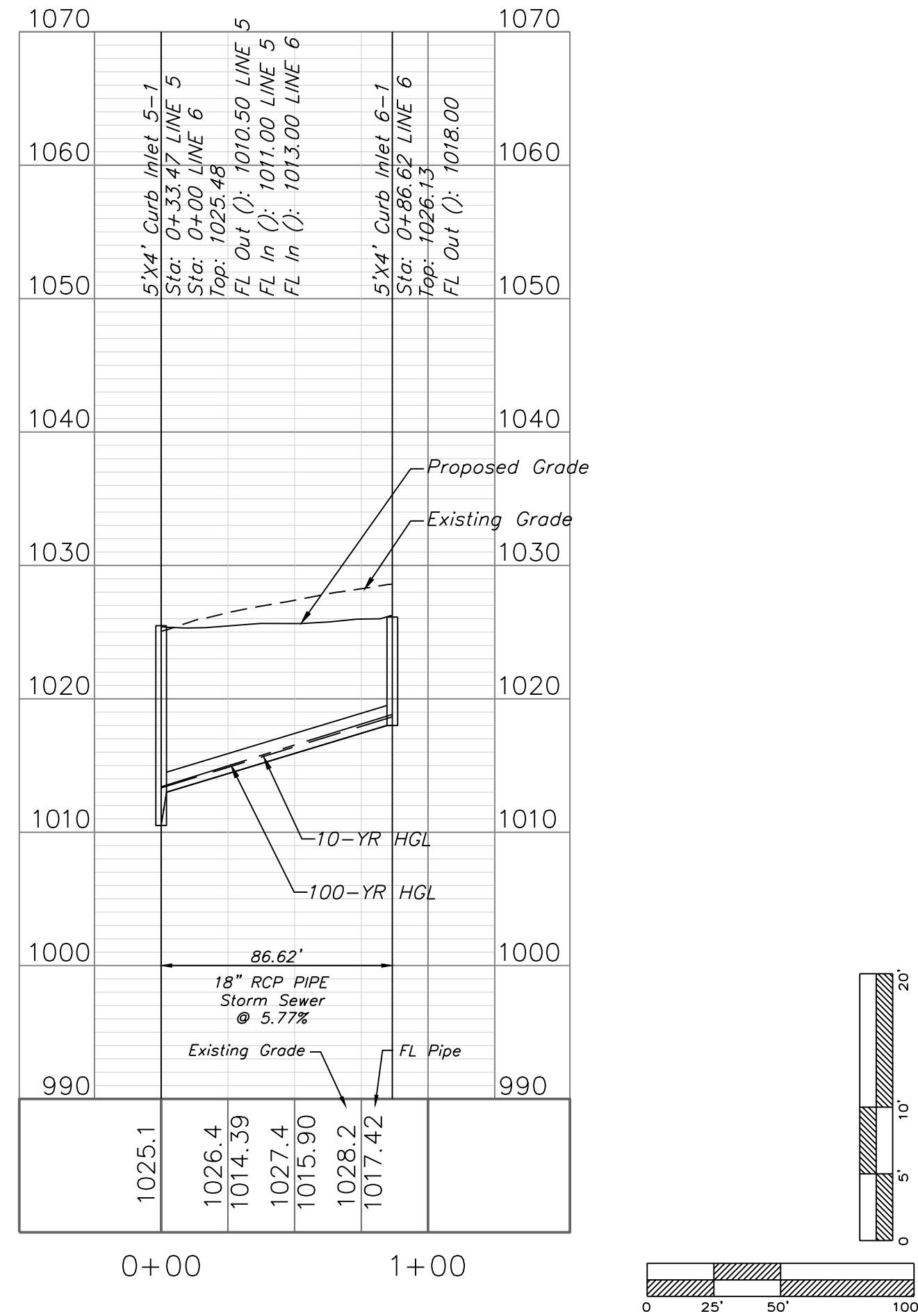
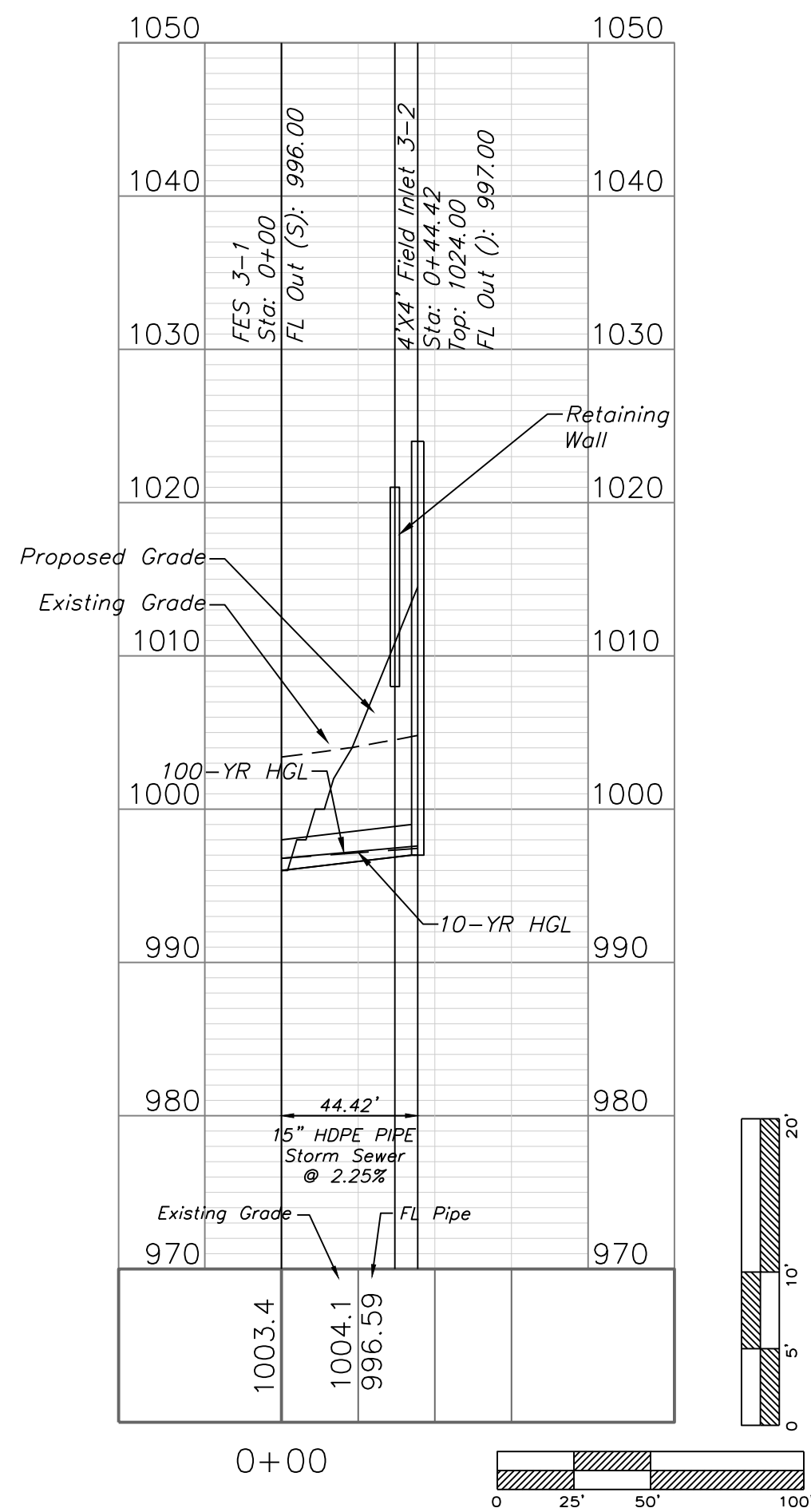
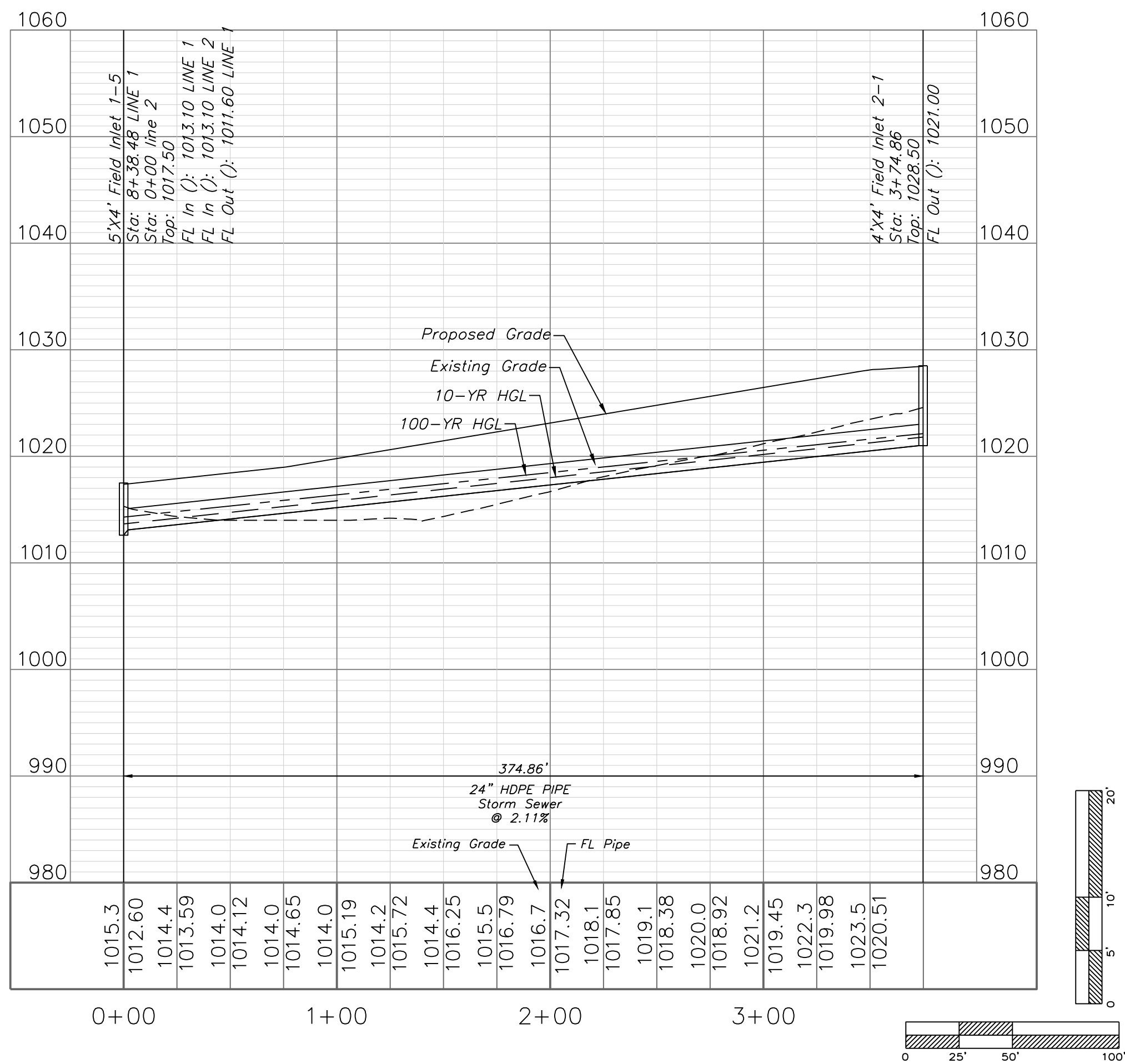


STORM SEWER PLAN AND PROFILE

SCALE: 1" = 50'



STORM LINE 6

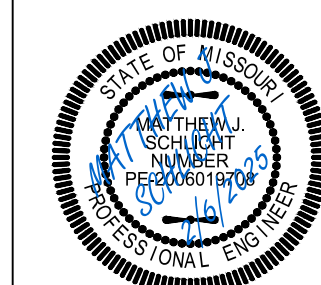


Professional Registration
Missouri
Engineering 2005002186-D
Surveying 2005008319-D
Kansas
Engineering E-1685
Surveying LS-218
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

Oldham Village
Lee's Summit, Jackson County, Missouri

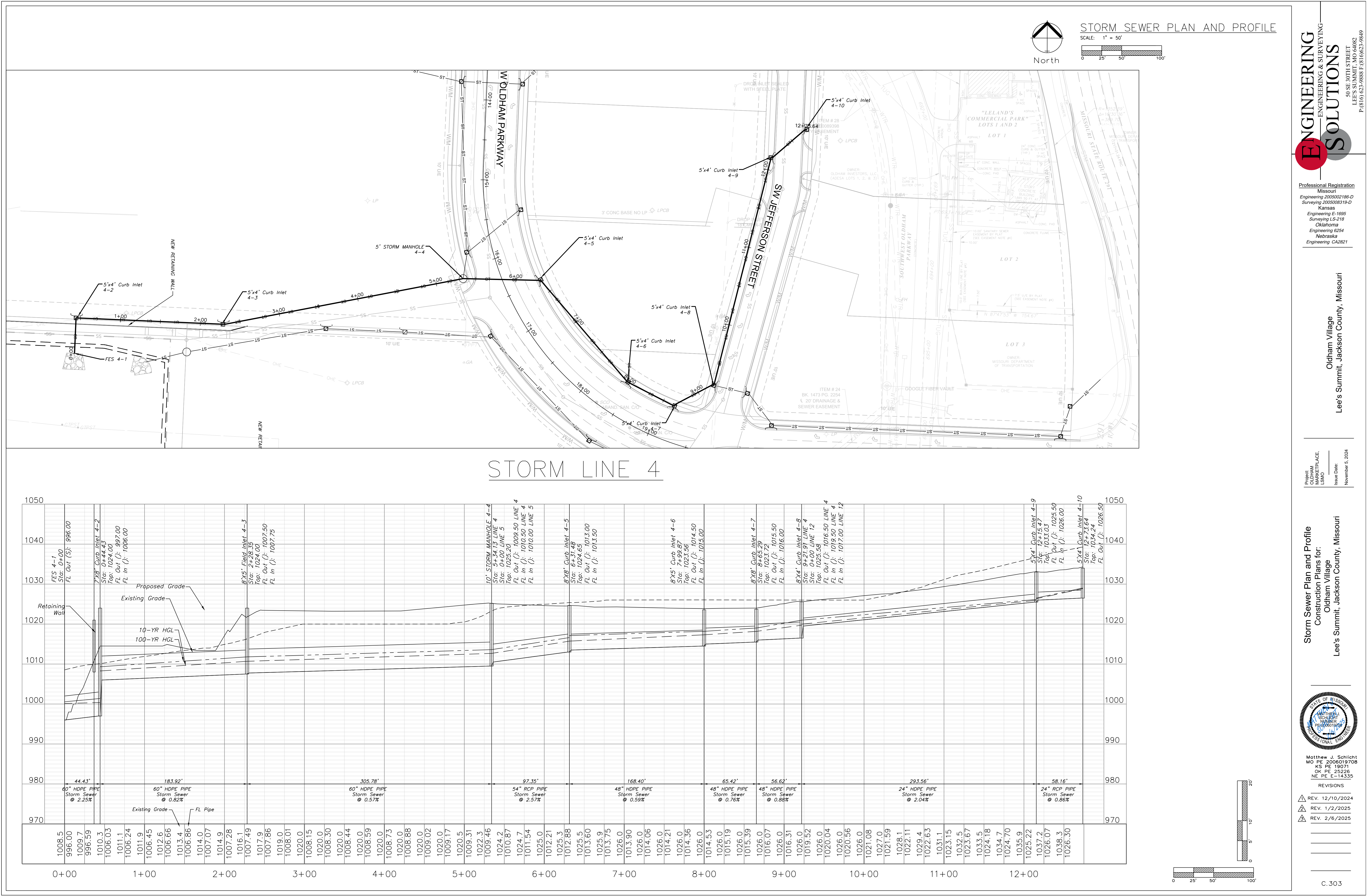
Project: Oldham Village
Marketplace
LSMO
Issue Date:
November 6, 2024

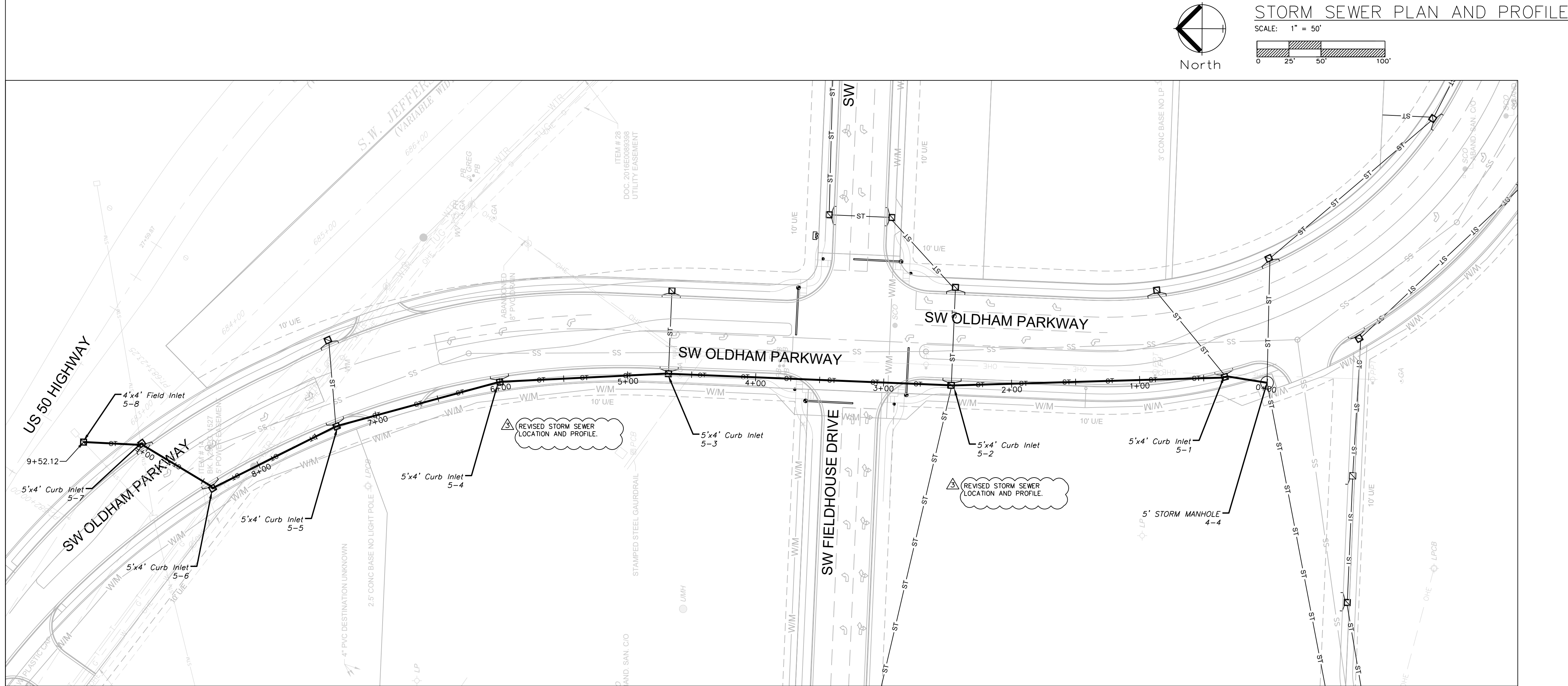
Storm Sewer Plan and Profile
Construction Plans for:
Oldham Village
Lee's Summit, Jackson County, Missouri



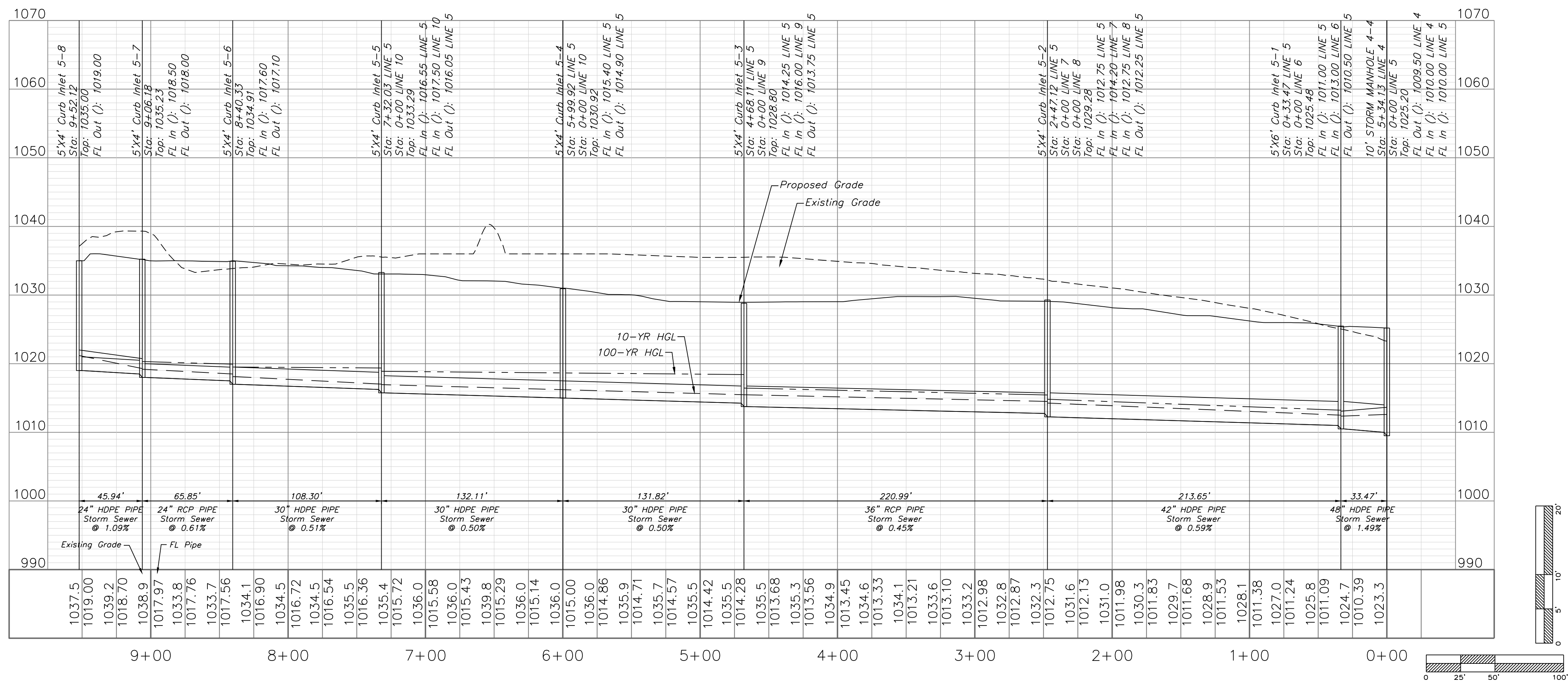
Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25226
NE PE E-14335

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STORM LINE 5

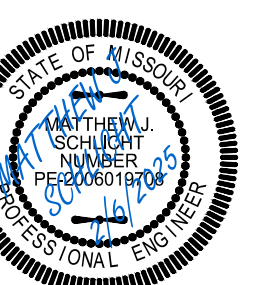


Professional Registration
Missouri
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Surveying LS-218
Oklahoma
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Nebraska
Engineering CA2821

Oldham Village
Lee's Summit, Jackson County, Missouri

Project: Oldham Village
Mark: LSMD
Issue Date: November 6, 2024

Storm Sewer Plan and Profile
Construction Plans for:
Oldham Village
Lee's Summit, Jackson County, Missouri



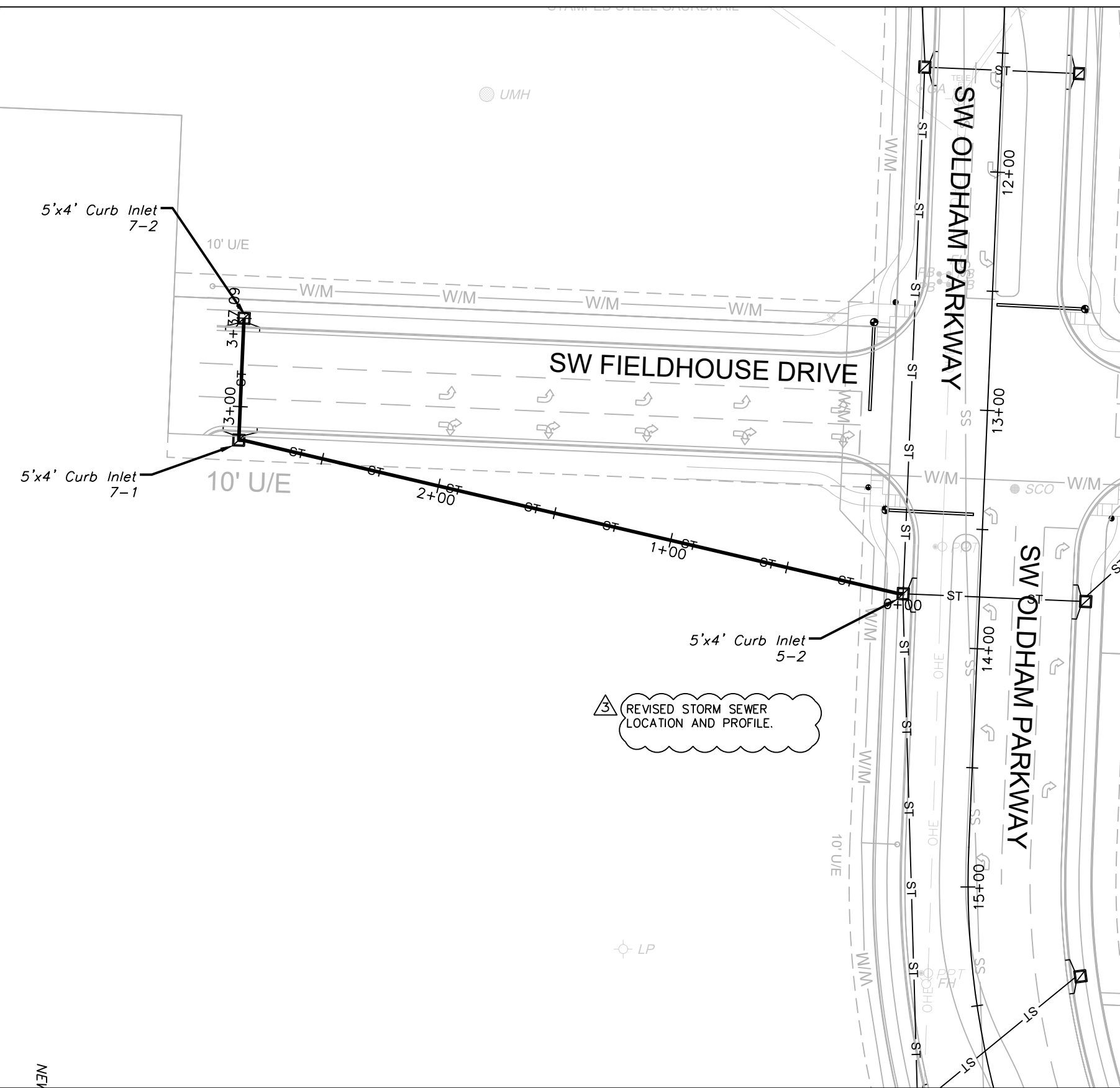
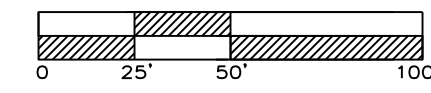
Matthew J. Schlicht
MO PE 2006019708
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OK PE 25226
NE PE E-14335

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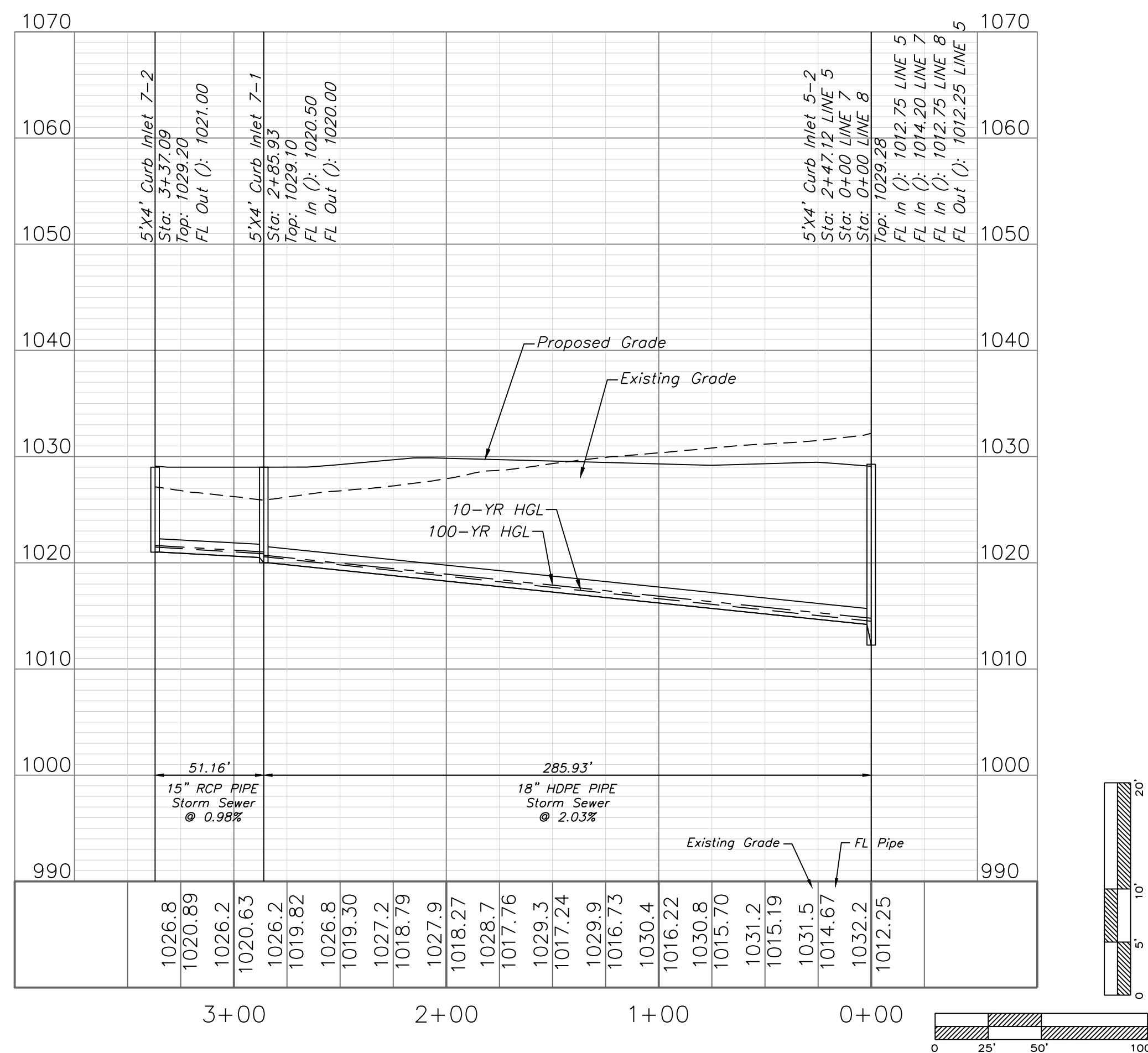


STORM SEWER PLAN AND PROFILE

SCALE: 1" = 50'

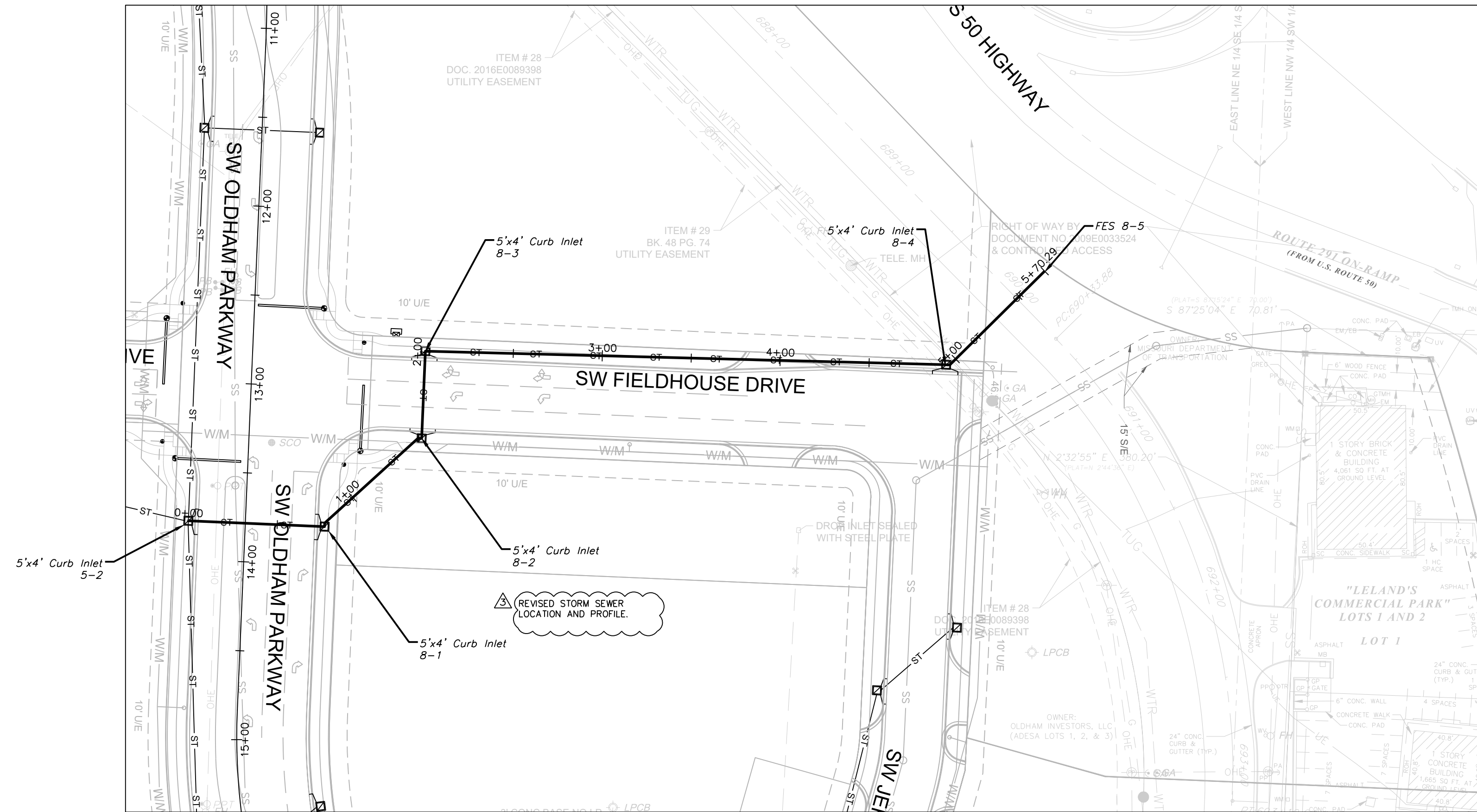
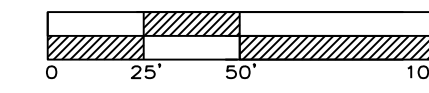


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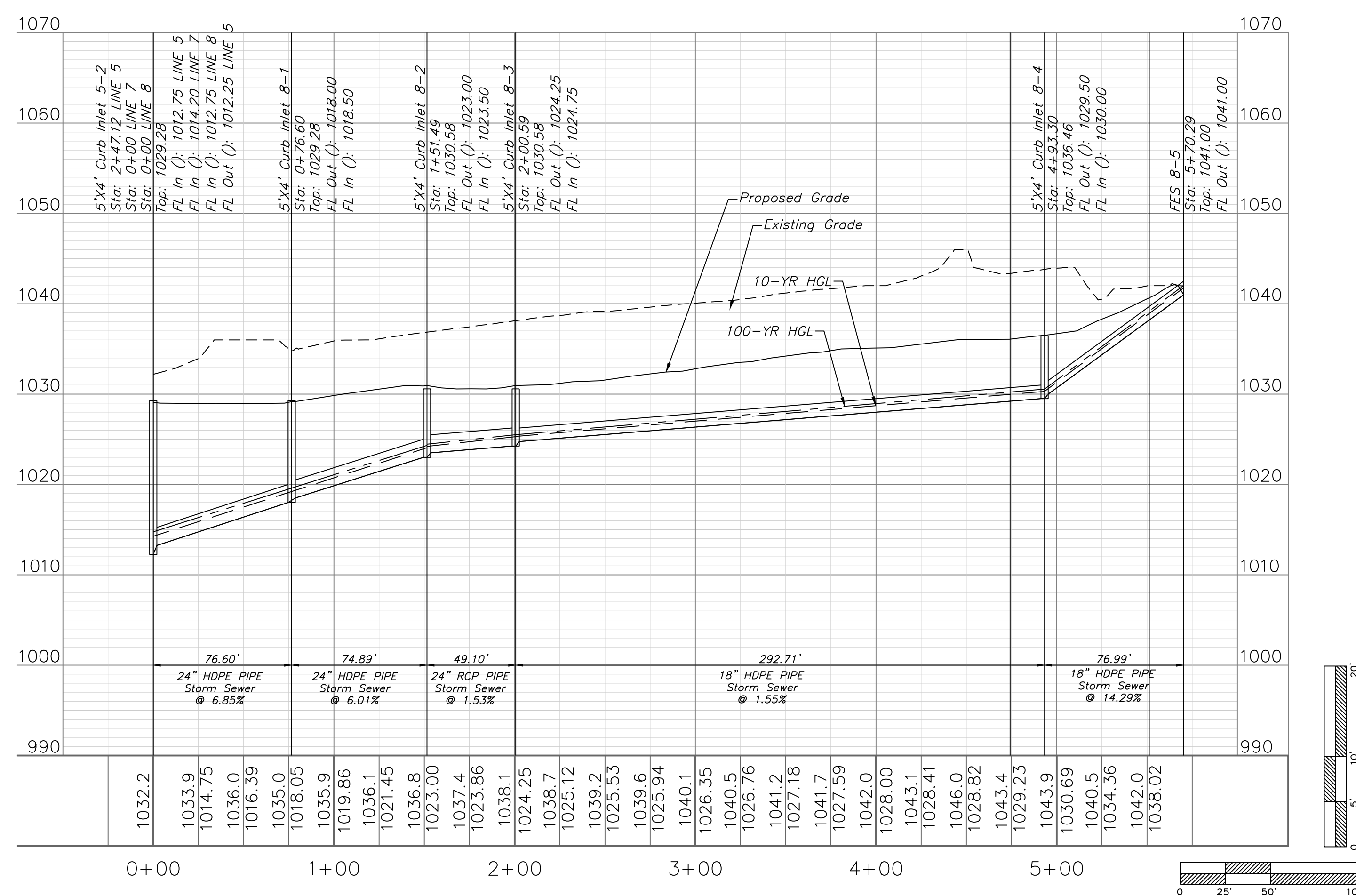


STORM SEWER PLAN AND PROFILE

SCALE: 1" = 50'



STORM LINE 8

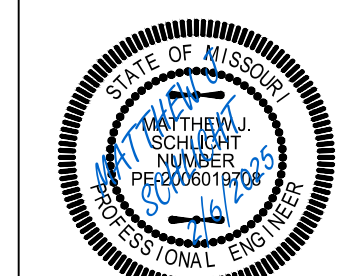


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Kansas
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Oklahoma
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Oldham Village
Lee's Summit, Jackson County, Missouri

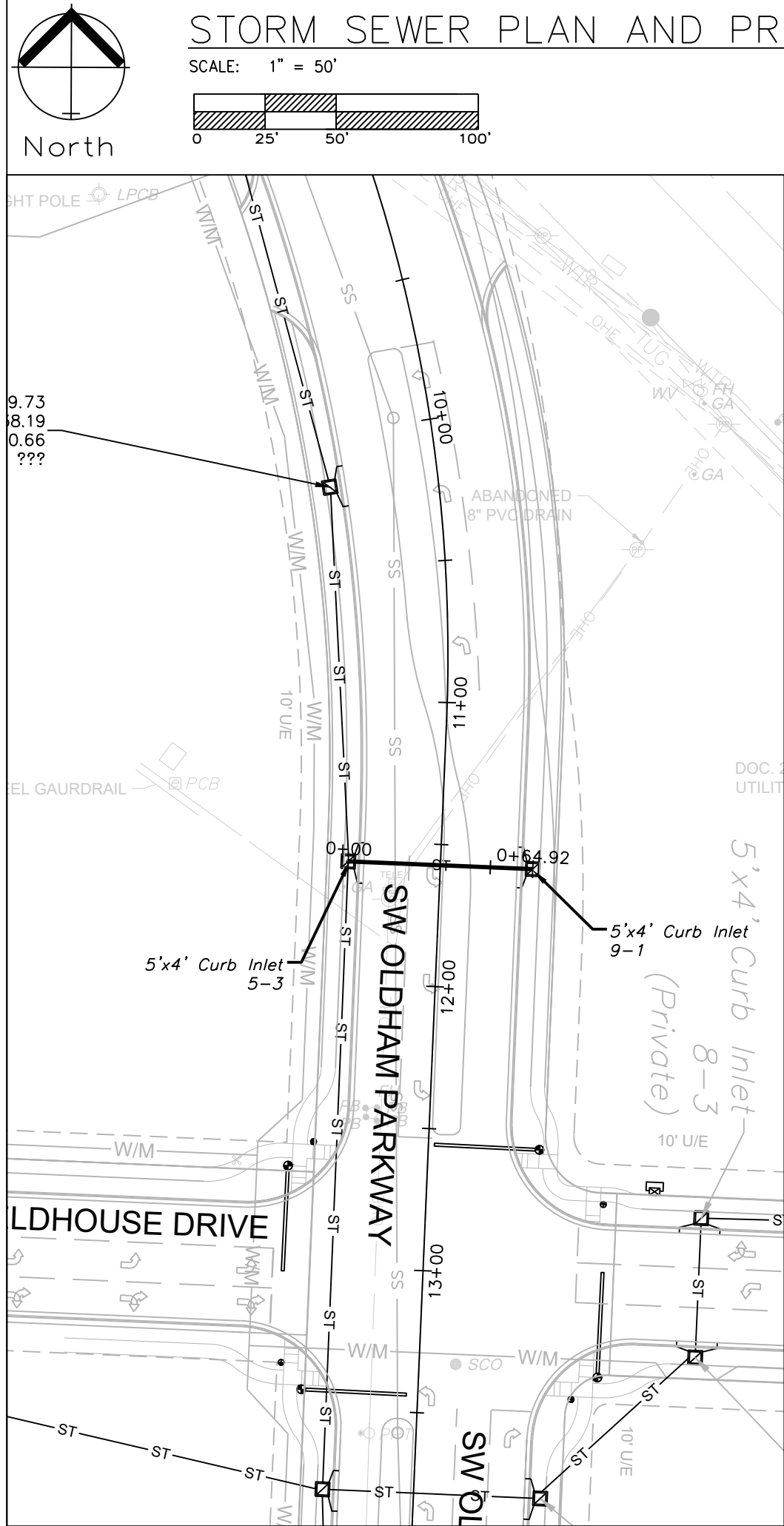
Project
MARKETPLACE
LSMO
Issue Date
November 6, 2024

Storm Sewer Plan and Profile
Construction Plans for:
Oldham Village
Lee's Summit, Jackson County, Missouri

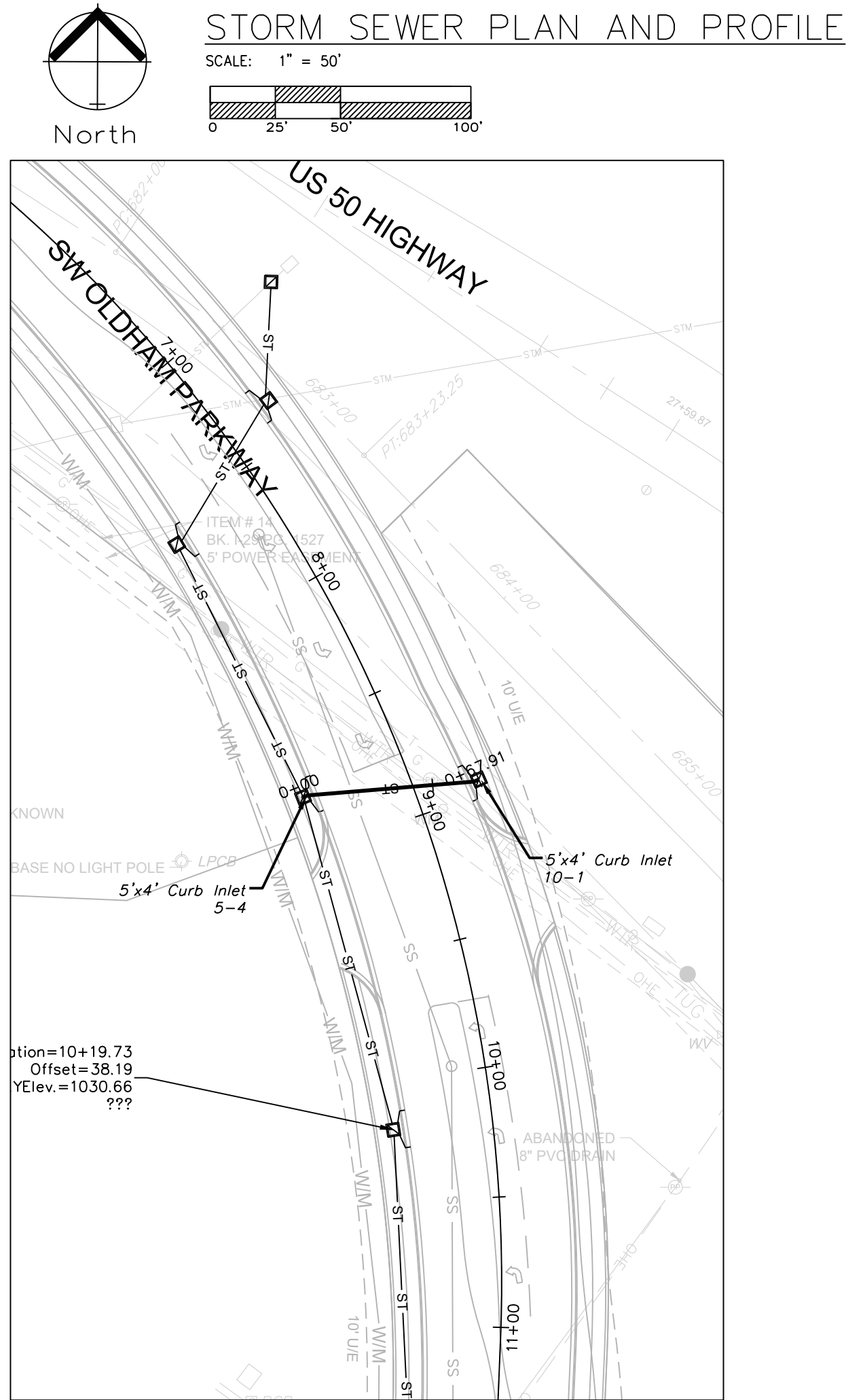


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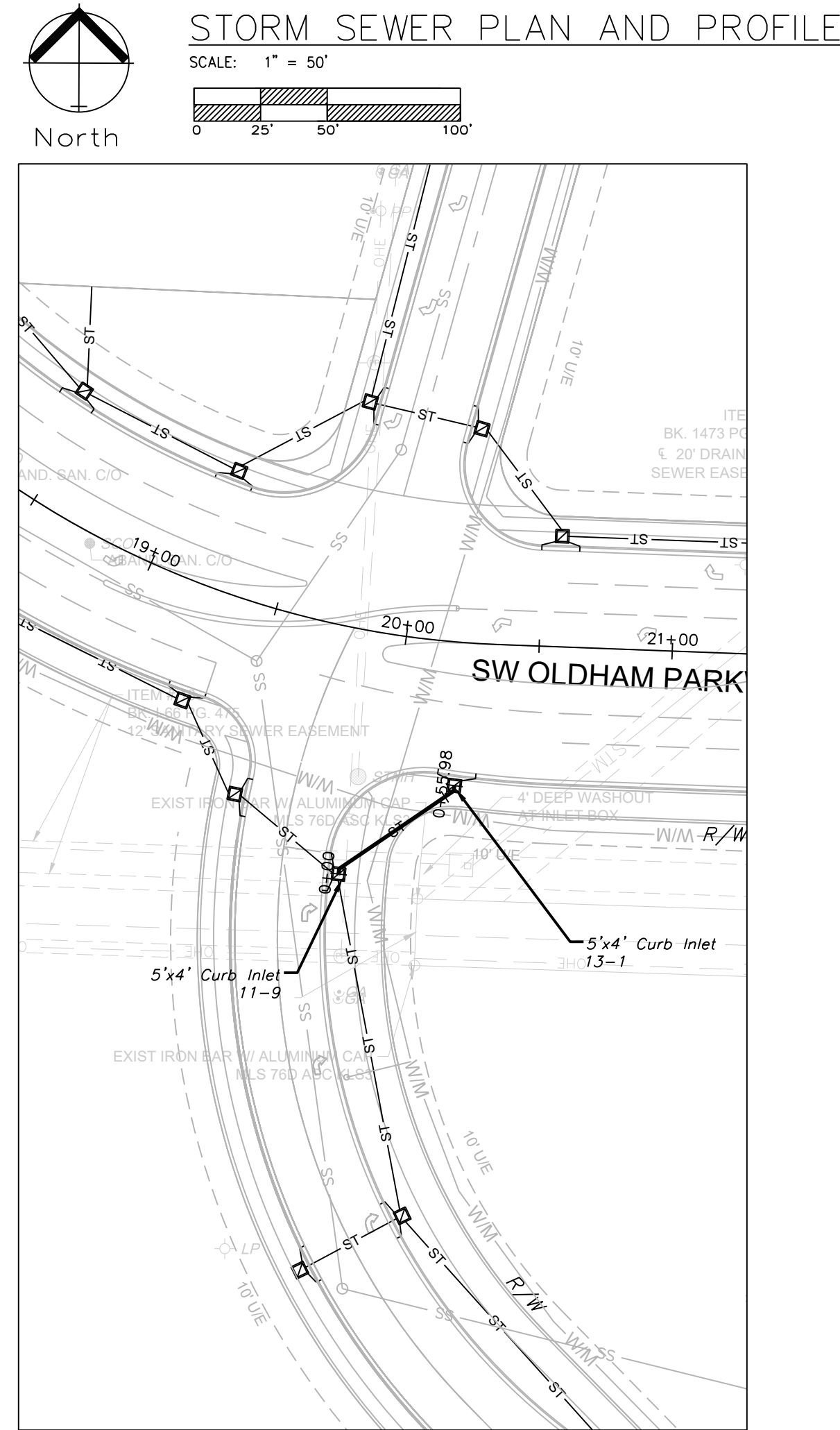
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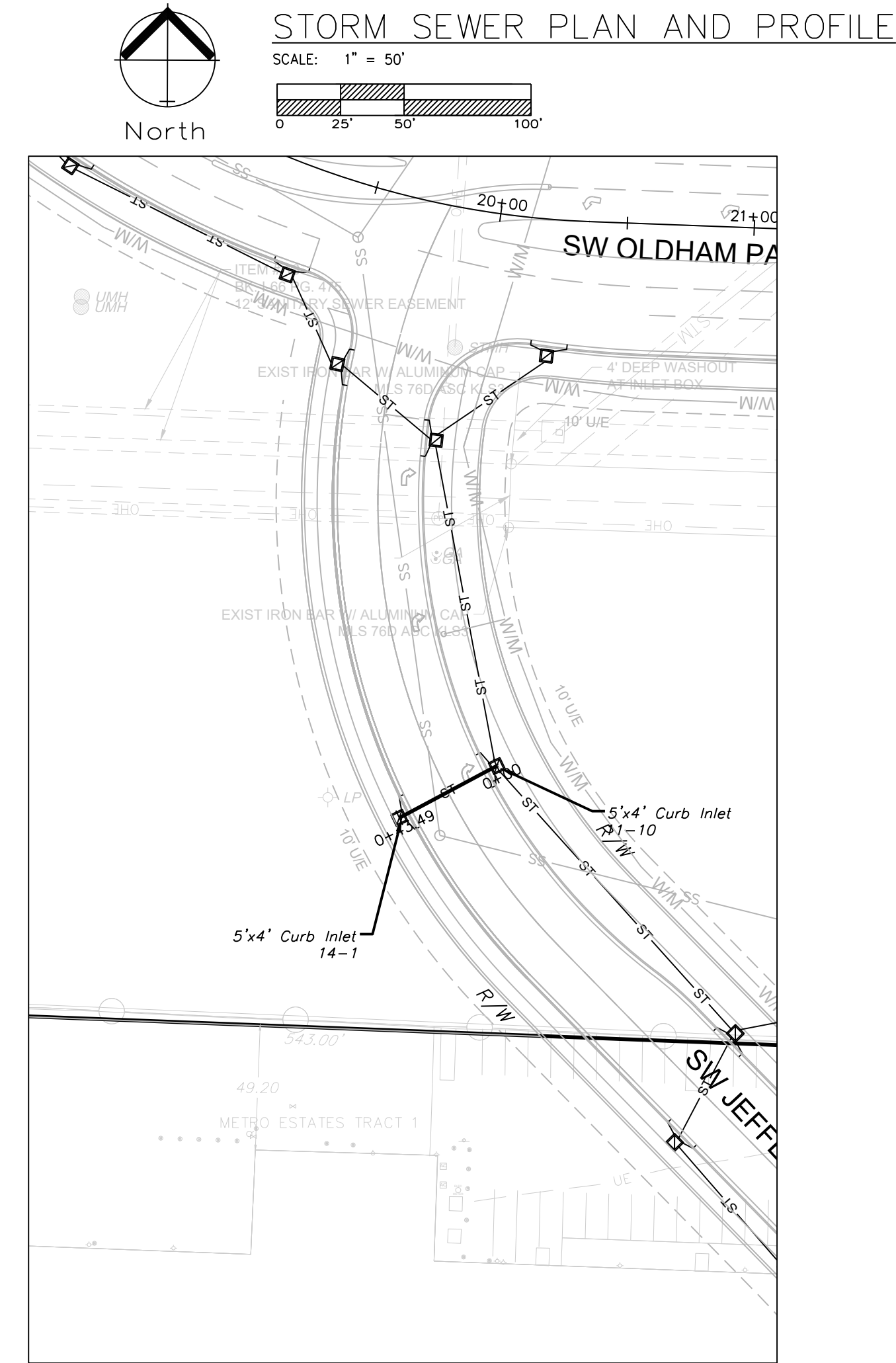
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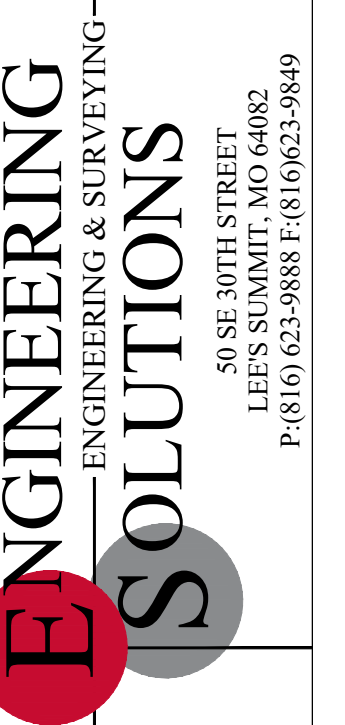
STORM LINE 10



STORM LINE 13



STORM LINE 14

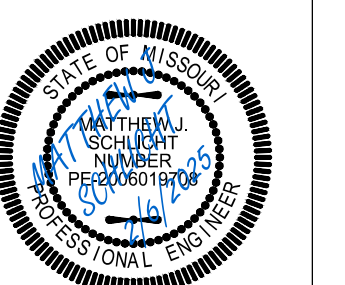


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Missouri
Engineering 2005002186-D
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Kansas
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Surveying LS-218
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Oldham Village
Lee's Summit, Jackson County, Missouri

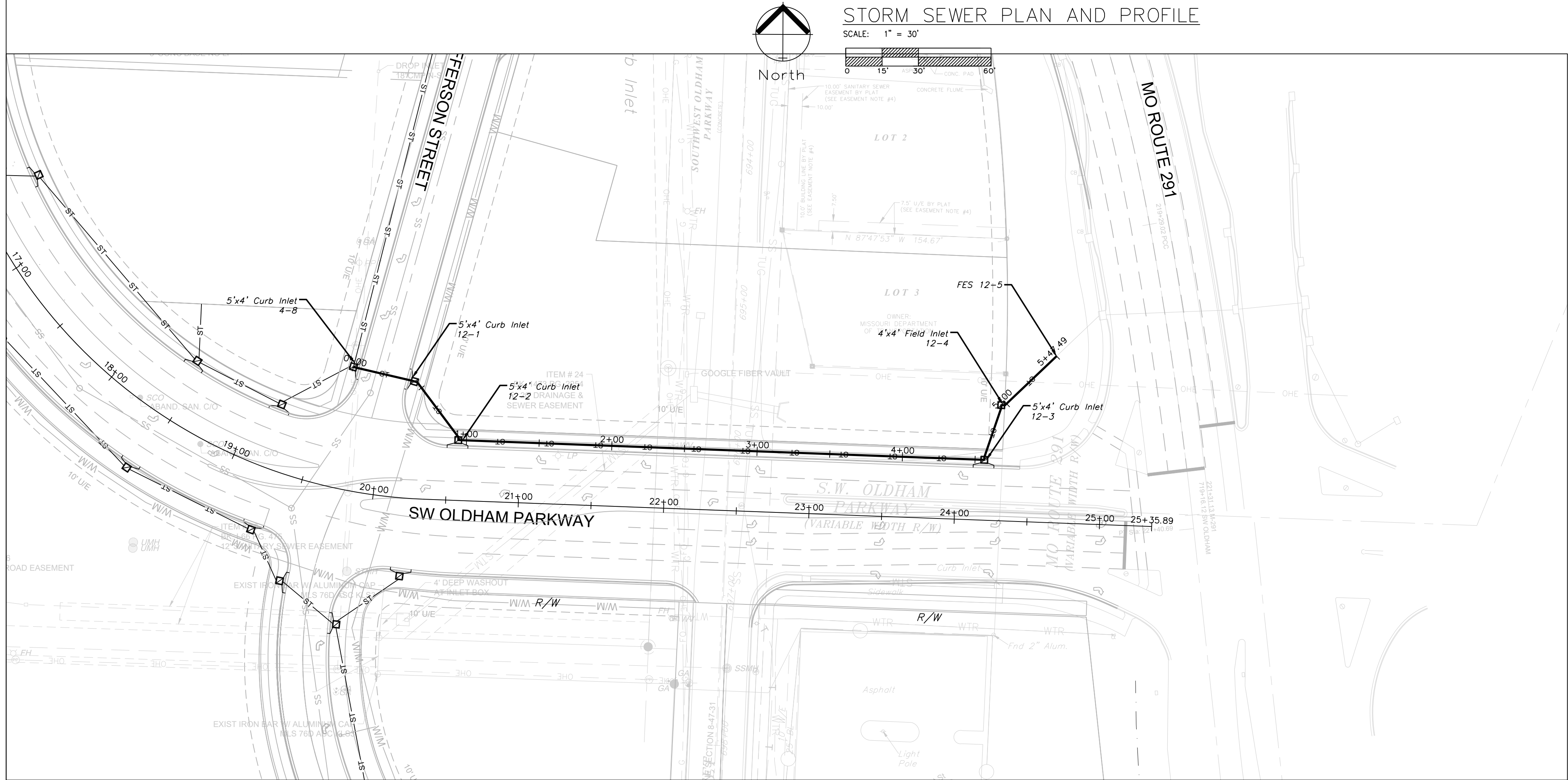
Project: SW OLDHAM PARKWAY
Marketplace
LSMO
Issue Date:
November 6, 2024

Storm Sewer Plan and Profile
Construction Plans for:
Oldham Village
Lee's Summit, Jackson County, Missouri

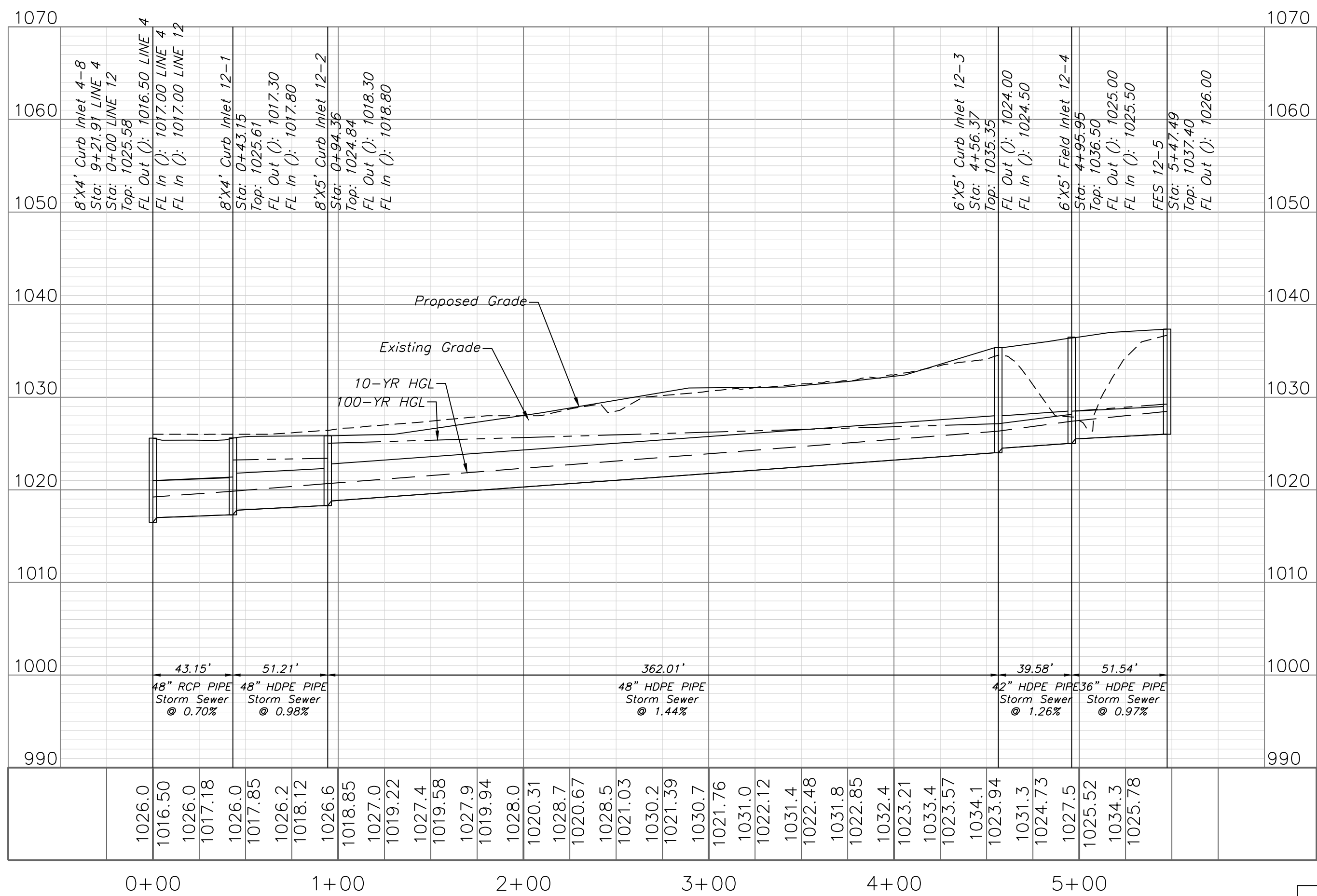


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KS PE 19071
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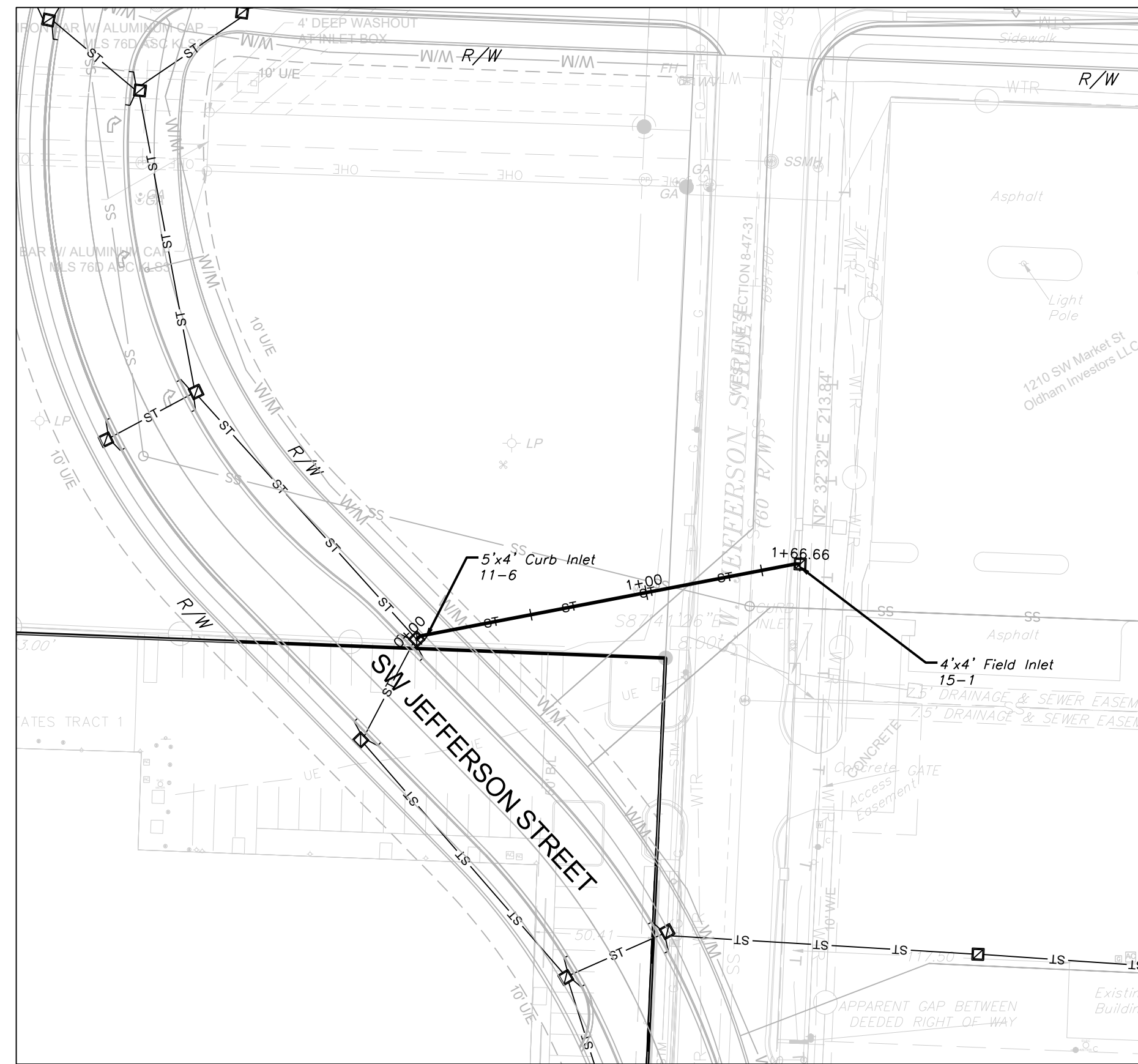
STORM LINE 12



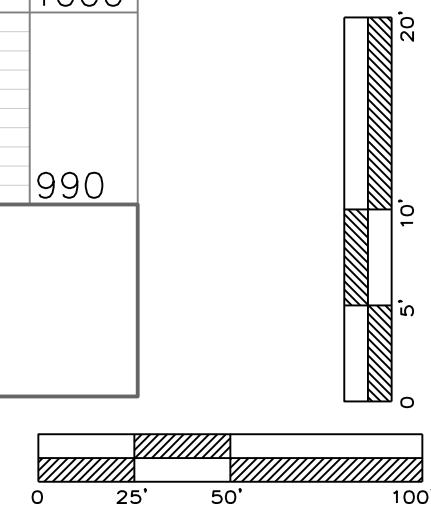
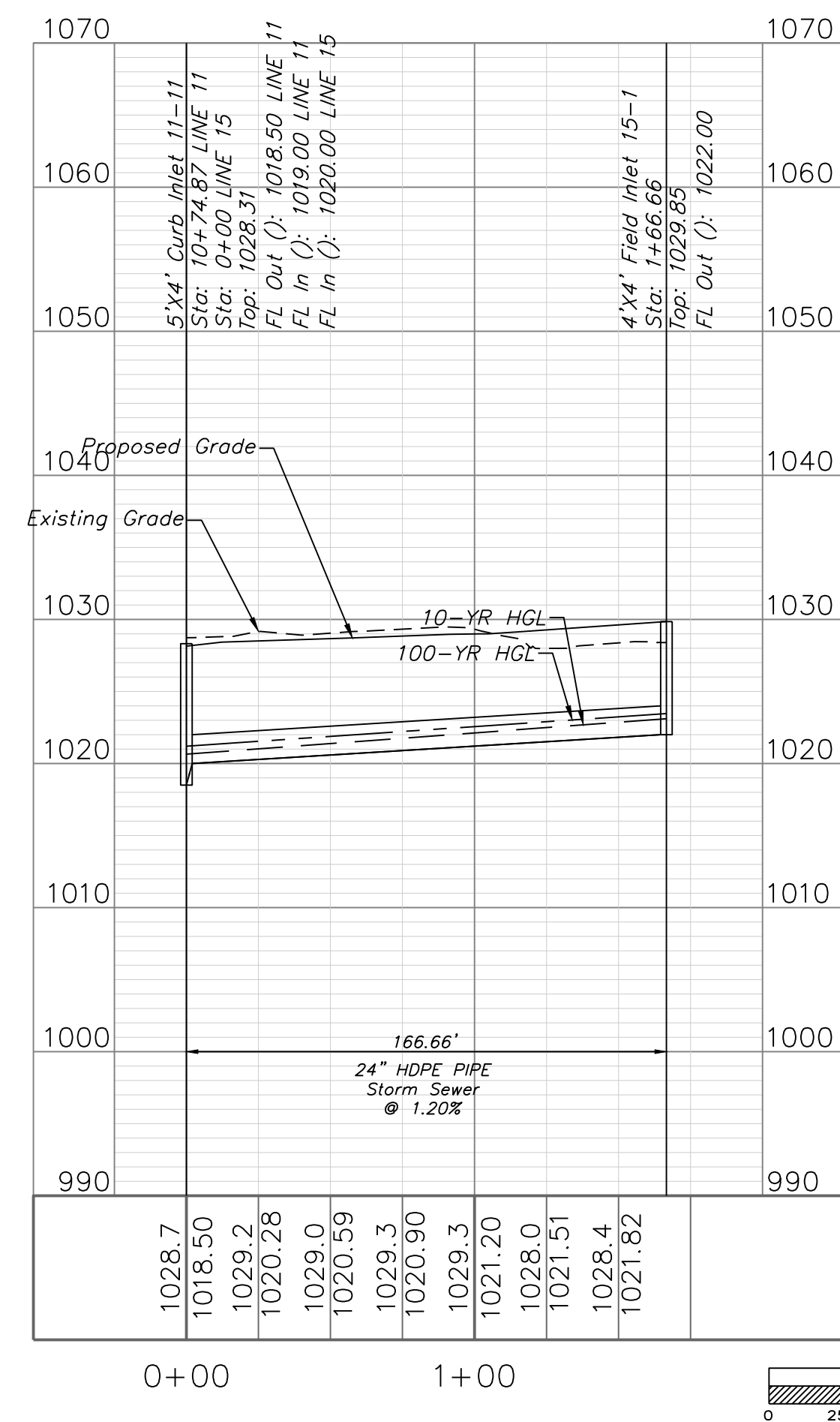


STORM SEWER PLAN AND PROFILE

SCALE: 1" = 30'

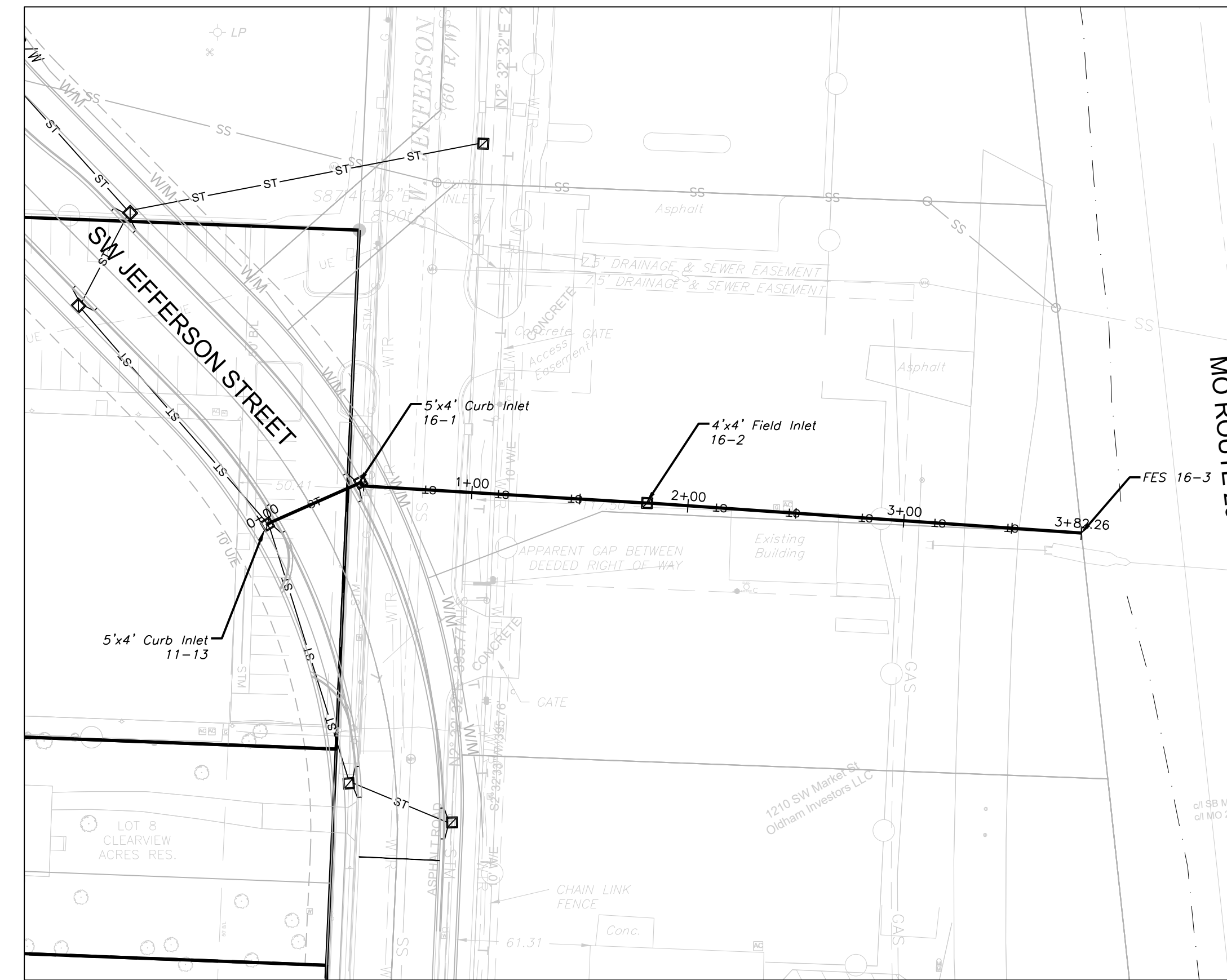


STORM LINE 15

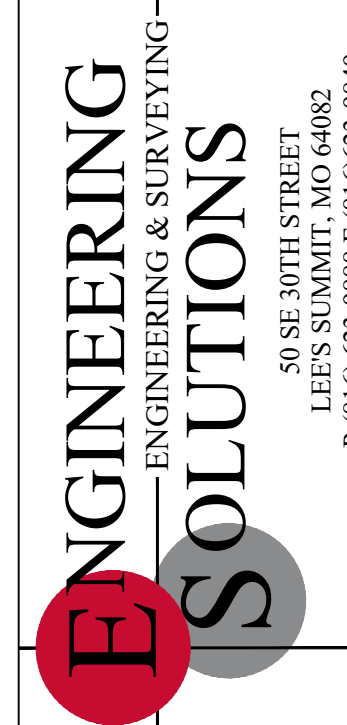
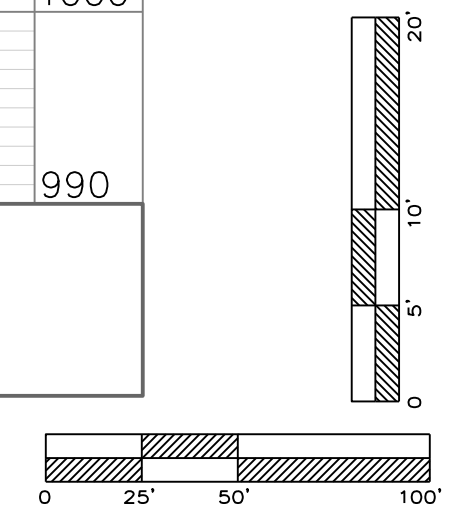
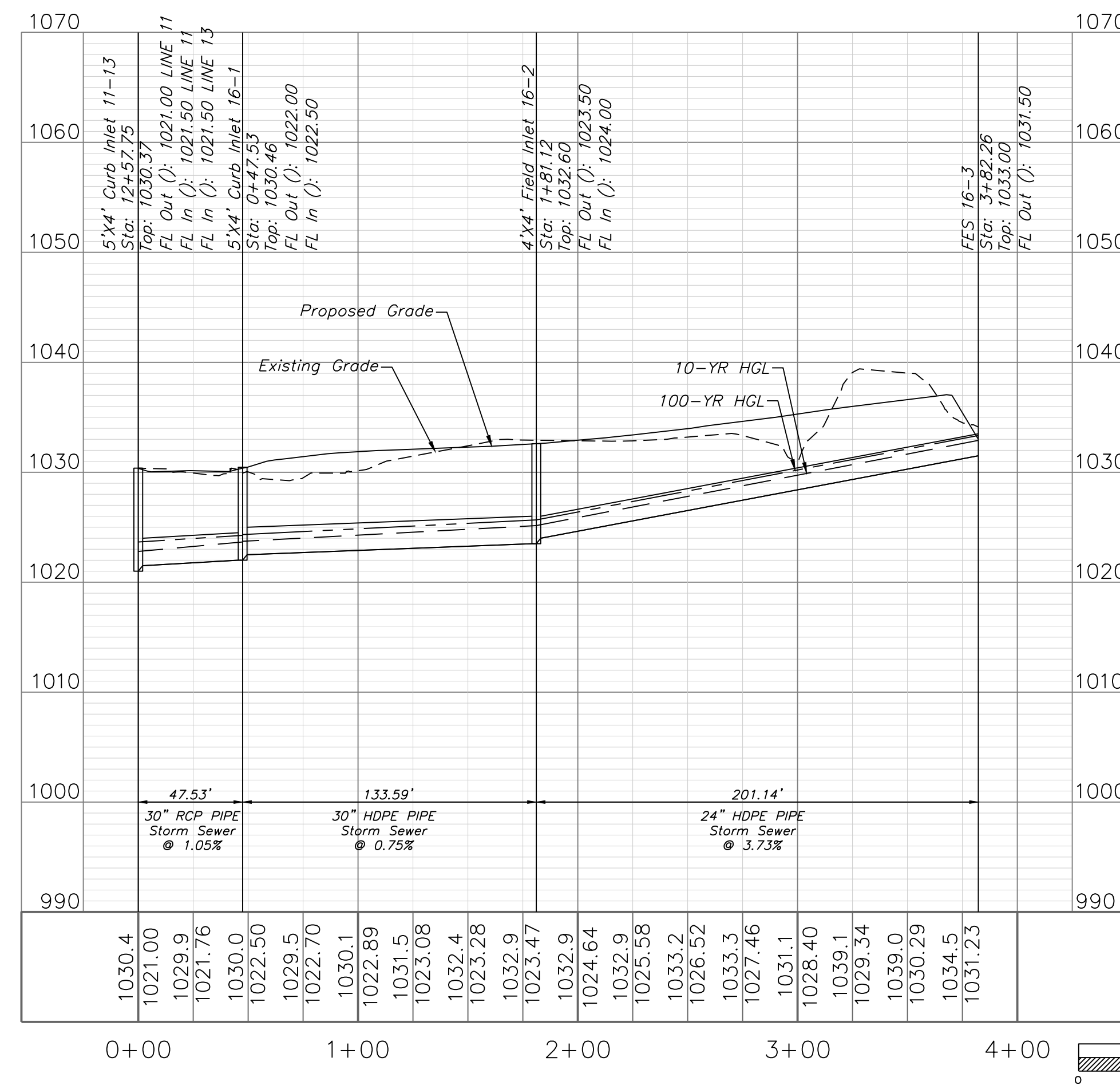


STORM SEWER PLAN AND PROFILE

SCALE: 1" = 30'



STORM LINE 16

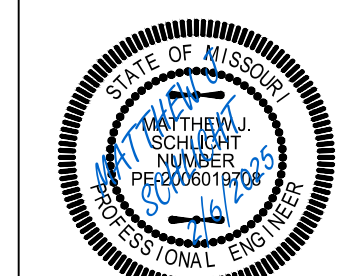


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Oldham Village
Lee's Summit, Jackson County, Missouri

Project: MARKETPLACE
LSMO
Issue Date: November 6, 2024

Storm Sewer Plan and Profile
Construction Plans for:
Oldham Village
Lee's Summit, Jackson County, Missouri



Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25226
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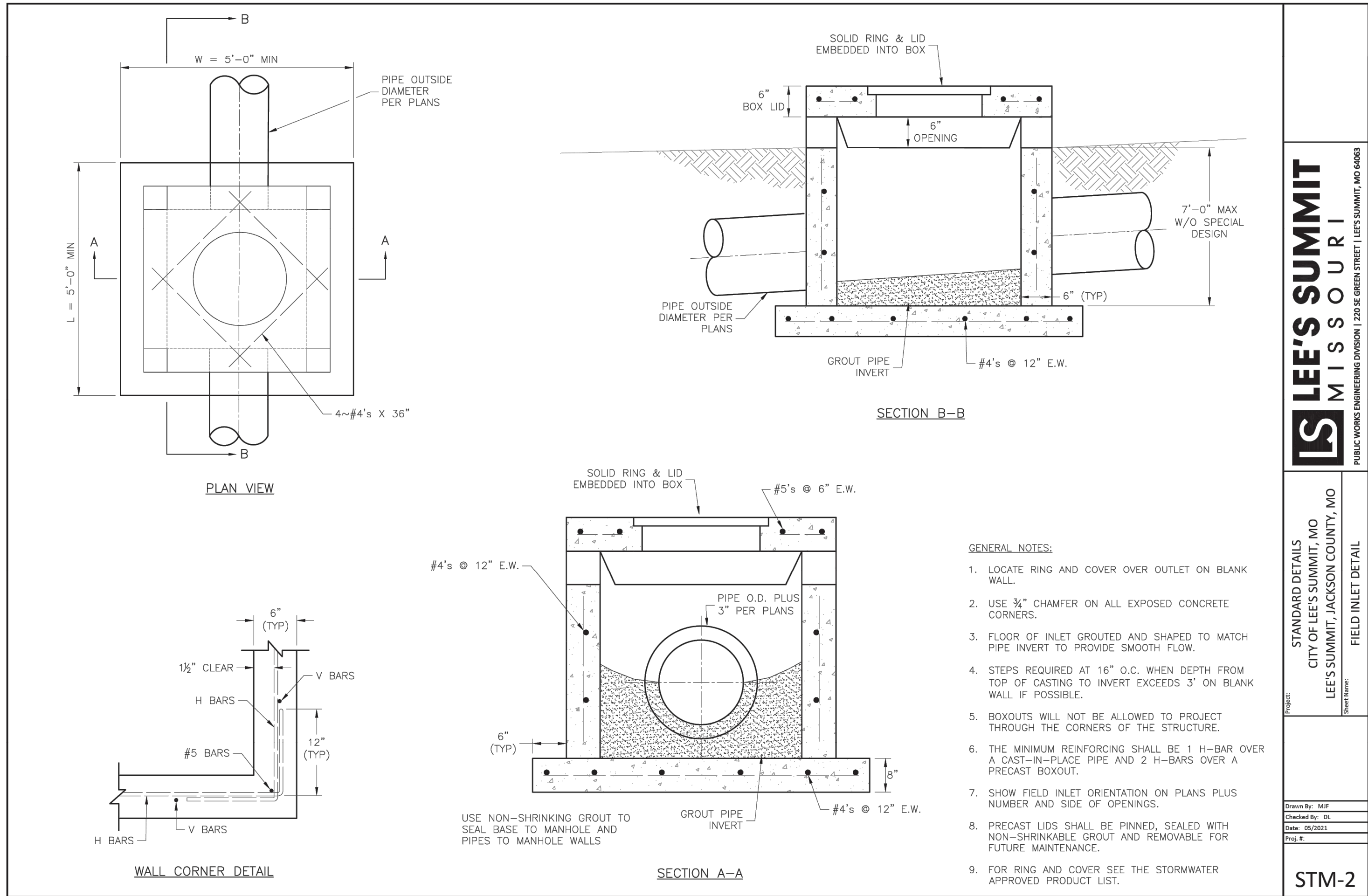
REVISIONS
REV. 12/10/2024
REV. 1/2/2025
REV. 2/6/2025

10-YEAR STRUCTURE																							
D.S. Str.	Str. No.	Area (ac)	InletTime (min)	Int. (in/hr)	RunoffCoeff. (C)	Q=CIA (cfs)	Q Carry-over (cfs)	Q Captured (cfs)	Q Bypassed (cfs)	JunctType	CurbHeight (in)	CurbLength (ft)	GutterSlope (ft/ft)	GutterWidth (ft)	CrossSlope, Sw (ft/ft)	CrossSlope, Sx (ft/ft)	LocalDepr. (in)	InletDepth (ft)	BypassDepth (ft)	BypassSpread (ft)	GutterDepth (ft)	GutterSpread (ft)	Bypass Str.
1-1	1-2	0.23	6.3	6.98	0.68	1.09	0	1.09	0	Dp-Curb	6	20	Sag	....	0.02	0.02	....	0.07	n/a	n/a	0.07	3.45	Sag
1-2	1-3	0.97	6.5	6.92	0.68	4.57	0	4.57	0	Dp-Curb	6	20	Sag	....	0.02	0.02	....	0.18	n/a	n/a	0.18	8.97	Sag
1-3	1-4	0.2	6.3	6.98	0.68	0.95	0	0.95	0	Dp-Curb	6	16	Sag	....	0.02	0.02	....	0.07	n/a	n/a	0.07	3.65	Sag
1-4	1-5	7.54	9.3	6.26	0.68	32.11	0	32.11	0	Dp-Curb	6	16	Sag	....	0.02	0.02	....	0.81	n/a	n/a	0.81	40.39	Sag
1-5	1-6	0.76	6.2	7	0.68	3.62	0	3.62	0	Dp-Curb	6	16	Sag	....	0.02	0.02	....	0.18	n/a	n/a	0.18	8.92	Sag
1-6	1-7	0.2	5.2	7.28	0.68	0.99	0	0.99	0	Dp-Curb	6	16	Sag	....	0.02	0.02	....	0.08	n/a	n/a	0.08	3.76	Sag
1-7	1-8	0.45	8.1	6.53	0.68	2	0	1.85	0.15	Curb	5.8	5	0.015	2	0.05	0.02	9	0.96	0.08	1.69	0.21	7.37	Offsite
1-5	2-1	1.32	7.3	6.72	0.68	6.03	0	6.03	0	Dp-Curb	6	16	Sag	....	0.02	0.02	....	0.25	n/a	n/a	0.25	12.53	Sag
3-1	3-2	0.3	7	6.79	0.68	1.39	0	1.39	0	Curb	5.8	5	Sag	2	0.05	0.02	9	0.98	n/a	n/a	0.23	8.49	Sag
4-1	4-2	0.91	7.1	6.77	0.68	4.19	0	4.19	0	Curb	5.8	5	Sag	2	0.05	0.02	9	1.17	n/a	n/a	0.42	17.75	Sag
4-2	4-3	2.8	8.7	6.39	0.68	12.17	0	12.17	0	Curb	5.8	5	Sag	2	0.05	0.02	9	1.53	n/a	n/a	0.78	36.16	Sag
4-3	4-4	0	0	0	0.68	0	....	....	....	MH	....	....	....	....	....	....	....	....	....	....	....	....	....
4-4	4-5	0.34	5.7	7.14	0.68	1.65	0.66	2.31	0	Curb	5.8	8	0.021	2	0.05	0.02	9	0.96	0	0	0.21	7.29	4-6L
4-5	4-6L	0.21	6.6	6.9	0.68	0.98	2.16	3.14	0	Curb	5.8	5	Sag	2	0.05	0.02	9	1.1	n/a	n/a	0.35	14.66	Sag
4-6L	4-6R	0.25	6.6	6.9	0.68	1.17	0	1.17	0	Curb	5.8	5	Sag	2	0.05	0.02	9	0.96	n/a	n/a	0.21	7.59	Sag
4-6L	4-6B	1.62	7.7	6.62	0.68	7.29	0	7.29	0	Hdwall	....	....	....	....	....	....	....	....	....	....	....	....	....
4-6L	4-7	0.46	7.5	6.67	0.68	2.09	6.64	6.56	2.16	Curb	5.8	8	0.01	2	0.05	0.02	9	1.1	0.23	8.32	0.35	14.69	4-6L
4-7	4-8	0.21	6.5	6.92	0.68	0.99	0	0.99	0	Curb	5.8	8	0.018	2	0.05	0.02	9	0.91	0	0	0.16	5.06	4-7
4-8	4-9	0.1	5.7	7.14	0.68	0.49	0	0.49	0	Curb	5.8	5	0.033	2	0.05	0.02	9	0.86	0	0	0.11	2.72	4-8
4-9	4-10	0.28	5.5	7.2	0.68	1.37	0	1.3	0.07	Curb	5.8	5	0.033	2	0.05	0.02	9	0.91	0.06	1.12	0.16	5.12	12-1
4-4	5-1	0.21	6.5	6.92	0.68	0.99	0	0.99	0	Curb	5.8	5	0.018	2	0.05	0.02	9	0.91	0	0	0.16	5.06	11-5
5-1	5-2	0.16	5.8	7.11	0.68	0.77	0	0.77	0	Curb	5.8	5	0.015	2	0.05	0.02	9	0.9	0	0	0.15	4.67	5-1
5-2	5-3L	0.2	7.1	6.77	0.68	0.92	0	0.92	0	Curb	5.8	5	Sag	2	0.05	0.02	9	0.94	n/a	n/a	0.19	6.46	Sag
5-3L	5-3R	0.27	6.5	6.92	0.68	1.27	0	1.27	0	Curb	5.8	5	Sag	2	0.05	0.02	9	0.97	n/a	n/a	0.22	8.01	Sag
5-3L	5-3B	1.2	7.2	6.74	0.68	5.5	0	5.5	0	Hdwall	....	....	....	....	....	....	....	....	....	....	....	....	....
5-3L	5-4	0.12	5.6	7.17	0.68	0.58	0	0.58	0	Curb	5.8	5	0.014	2	0.05	0.02	9	0.89	0	0	0.14	4.08	5-3L
5-4	5-5	0.18	7.4	6.69	0.68	0.82	0	0.82	0	Curb	5.8	5	0.014	2	0.05	0.02	9	0.91	0	0	0.16	4.9	5-4
5-5	5-6	0.16	7.8	6.6	0.68	0.72	0	0.72	0	Curb	5.8	5	0.013	2	0.05	0.02	9	0.9	0	0	0.15	4.66	10-1
5-6	5-7	2.34	9.2	6.28	0.68	10	0	10	0	Dp-Curb	6	16	Sag	....	0.02	0.02	....	0.35	n/a	n/a	0.35	17.56	Sag
5-1	6-1	0.66	7.1	6.77	0.68	3.04	0	2.38	0.66	Curb	5.8	5	0.018	2	0.05	0.02	9	0.98	0.14	4.06	0.23	8.49	4-5
5-2	7-1	0.18	6.7	6.87	0.68	0.84	0	0.84	0	Curb	5.8	5	0.011	2	0.05	0.02	9	0.92	0	0	0.17	5.28	1-4
7-1	7-2	0.3	6.7	6.87	0.68	1.4	0	1.4	0	Curb	5.8	5	0.011	2	0.05	0.02	9	0.94	0	0	0.19	6.74	1-4
5-2	8-1	0.21	6.6	6.9	0.68	0.98	0	0.98	0	Curb	5.8	5	0.013	2	0.05	0.02	9	0.92	0	0	0.17	5.48	6-1
8-1	8-2	0.76	6.5	6.92	0.68	3.58	0	2.74	0.84	Curb	5.8	5	0.013	2	0.05	0.02	9	1	0.16	5.05	0.25	9.74	9-1L
8-2	8-3	0	0	0	0.68	0	0	0	0	Curb	5.8	5	0.011	2	0.05	0.02	9	0.75	0	0	0	0	8-2
8-3	8-4	0.88	6.7	6.87	0.68	4.11	0	4.11	0	Hdwall	....	....	....	....	....	....	....	....	....	....	....	....	....
5-3	9-1L	1.31	6.6	6.9	0.68	6.14	0.84	6.98	0	Curb	5.8	5	Sag	2	0.05	0.02	9	1.31	n/a	n/a	0.56	24.96	Sag
9-1L	9-1R	0.96	6.8	6.84	0.68	4.47	0	4.47	0	Curb	5.8	5	Sag	2	0.05	0.02	9	1.18	n/a	n/a	0.43	18.54	Sag
5-4	10-1	0.28	5.6	7.17	0.68	1.36	0	1.36	0	Curb	5.8	5	0.014	2	0.05	0.02	9	0.94	0.02	0.32	0.19	6.3	9-1L
4-8	12-1	2.72	7.7	6.62	0.68	12.25	0.07	7.22	5.1	Curb	5.8	8	0.018	2	0.05	0.02	9	1.11	0.27	10.54	0.36	14.98	4-7
12-1	12-2	1.59	7.4	6.69	0.68	7.24	0.21	5.91	1.54	Curb	5.8	8	0.011	2	0.05	0.02	9	1.08	0.2	7.03	0.33	13.54	4-7
12-2	12-3	0.41	8.7	6.39	0.68	1.78	0	1.57	0.21	Curb	5.8	5	0.032	2	0.05	0.02	9	0.93	0.08	1.68	0.18	5.87	12-2
12-3	12-4	0.19	6.5	6.92	0.68	0.89	0	0.89	0	Dp-Curb	6	24	Sag	....	0.02	0.02	....	0.05	n/a	n/a	0.05	2.68	Sag
12-4	12-5	21.58	14.8	5.3	0.51	58.28	0	58.28	0	Hdwall	....	....	....	....	....	....	....	....	....	....	....	....	....
11-1	11-2	0	0	0	0.68	0	....	....	....	MH	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2	11-3	0.43	7.3	6.72	0.68	1.96	0	1.96	0	Curb	5.8	5	Sag	2	0.05	0.02	9	1.02	n/a	n/a	0.27	10.71	Sag
11-3	11-4	0.13	5.6	7.17	0.68	0.63	0	0.63	0	Curb	5.8	5	Sag	2	0.05	0.02	9	0.91	n/a	n/a	0.16	5.04	Sag
11-4	11-5	0.12	5.8	7.11	0.68	0.58	0	0.58	0	Curb	5.8	6	0.011	2	0.05	0.02	9	0.9	0	0	0.15	4.34	11-6R
11-5	11-6R	0.24	7.5	6.67	0.68	1.09	1.14	2.23	0	Curb	5.8	5	Sag	2	0.05	0.02	9	1.04	n/a	n/a	0.29	11.65	Sag
11-6R	11-6L	0.53	7.9	6.57	0.68	2.37	0	2.37	0	Curb	5.8	5	Sag	2	0.05	0.02	9	1.05	n/a	n/a	0.3	12.14	Sag
11-6R	11-7	0.43	8.8	6.37	0.68	1.86	2.44	3.16	1.14	Curb	5.8	5	0.01	2	0.05	0.02	9	1.03	0.19	6.26	0.28	11.08	11-6R
11-7	11-8	0.21	6.8	6.84	0.68	0.98	0.41	1.39	0	Curb	5.8	6	0.01	2	0.05	0.02	9	0.95	0	0	0.2	6.86	11-7
11-8	11-9	0.94	7.9	6.57	0.68	4.2	0	4.2	0	Curb	5.8	6	Sag	2	0.05	0.02	9	1.14	n/a	n/a	0.39	16.53	Sag
11-9	11-10	0.17	6.1	7.03	0.68	0.81	0.01	0.82	0	Curb	5.8	5	0.011	2	0.05	0.02	9	0.91	0	0	0.16	5.23	11-9
11-10	11-11	0.22	5.9	7.08	0.68	1.06	0.53	1.58	0.01	Curb	5.8	5	0.011	2	0.05	0.02	9	0.95	0.03	0.69	0.2	7.14	11-10
11-11	11-12	0.47	5.9	7.08	0.68	2.26	0.19	2.21	0.25	Curb	5.8	5	0.011	2	0.05	0.02	9	0.98	0.11	2.46	0.23	8.61	11-11
11-12	11-13	0.38	5.6	7.17	0.68	1.85	0.35	2.01	0.19	Curb	5.8	5	0.013	2	0.05	0.02	9	0.97	0.1	1.92	0.22	7.93	11-12
11-13	11-14	0.4	5.7	7.14	0.68	1.94	0.17	1.76	0.35	Curb	5.8	5	0.032	2	0.05	0.02	9	0.94	0.1	2.1	0.19	6.36	11-13
11-14	11-15	0.35	6.7	6.87	0.68	1.64	0	1.47	0.17	Curb	5.8	5	0.035	2	0.05	0.02	9	0.92	0.08	1.52	0.17	5.51	11-14
11-9	13-1	1.42	8.4	6.46	0.68	6.24	0	3.8	2.44	Curb	5.8	5	0.011	2	0.05	0.02	9	1.06	0.23	8.59	0.31	12.62	11-7
11-10	14-1	0.61	6.7	6.87	0.68	2.85	0	2.44	0.41	Curb	5.8	5	0.011	2	0.05	0.02	9	0.99	0.13	3.55	0.24	9.17	11-8
11-11	15-1	2.03	6.5	6.92	0.68	9.56	0	9.56	0	Dp-Curb	6	16	Sag	....	0.02	0.02	....	0.34	n/a	n/a	0.34	17.04	Sag
11-13	16-																						

																				10-YEAR PIPE									
D.S. Str.	U.S. Str.	LineLength	Incr.Area	TotalArea	RunoffCoeff.	IncrC x A	TotalC x A	InletTime	TimeConc	RnfallInt	TotalRunoff	TotalFlow	CapacFull	Veloc	PipeSize	PipeSlope	Inv ElevDn	Inv ElevUp	HGLDn	HGLUp	Grnd/RimDn	Grnd/RimUp							
		(ft)	(ac)	(ac)	(C)		(min)	(min)	(in/hr)		(cfs)	(cfs)	(cfs)	(ft/s)	(in)	(%)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)							
1-1	1-2	85.66	0.23	11.67	0.68	0.16	7.94	6.3	10.9	5.9	47.19	47.19	570.68	5.94	48	9.34	996.00	1004.00	999.03	1006.06	0.00	1023.80							
1-2	1-3	238.75	0.97	11.44	0.68	0.66	7.78	6.5	10.5	6	46.87	46.87	119.71	9.65	42	0.84	1005.00	1007.00	1006.52	1009.14	1023.80	1025.15							
1-3	1-4	252.57	0.2	10.47	0.68	0.14	7.12	6.3	10	6.1	43.58	43.58	116.39	8.65	42	0.79	1007.50	1009.50	1009.14	1011.56	1025.15	1024.50							
1-4	1-5	261.5	7.54	10.27	0.68	5.13	6.98	9.3	9.5	6.2	43.46	43.46	102.3	8.8	42	0.61	1010.00	1011.60	1011.59	1013.65	1024.50	1017.50							
1-5	1-6	119.52	0.76	1.41	0.68	0.52	0.96	6.2	9.1	6.3	6.04	6.04	25.52	5.63	24	0.75	1013.10	1014.00	1013.76	1014.87	1017.50	1019.25							
1-6	1-7	229.48	0.2	0.65	0.68	0.14	0.44	5.2	8.5	6.4	2.84	2.84	12.7	6.27	15	2.29	1014.75	1020.00	1015.15	1020.68	1019.25	1026.15							
1-7	1-8	157.61	0.45	0.45	0.68	0.31	0.31	8.1	8.1	6.5	2	2	15.68	6.25	15	3.49	1020.50	1026.00	1020.80	1026.56	1026.15	1031.39							
1-5	2-1	374.86	1.32	1.32	0.68	0.9	0.9	7.3	7.3	6.7	6.03	6.03	42.68	6.58	24	2.11	1013.10	1021.00	1013.65	1021.87	1017.50	1028.50							
3-1	3-2	44.42	0.3	0.3	0.68	0.2	0.2	7	7	6.8	1.39	1.39	12.6	2.44	15	2.25	996.00	997.00	996.86	997.47	0.00	1024.00							
4-1	4-2	44.43	0.91	44.05	0.68	0.62	26.29	7.1	17.2	5	130.55	130.55	508	8.56	60	2.25	996.00	997.00	1000.13	1000.27	0.00	1024.00							
4-2	4-3	183.92	2.8	43.14	0.68	1.9	25.67	8.7	17	5	128.3	128.3	305.8	12.21	60	0.82	1006.00	1007.50	1008.26	1010.74	1024.00	1024.00							
4-3	4-4	305.78	0	40.34	0.68	0	23.76	0	16.4	5.1	120.44	120.44	256.16	9.57	60	0.57	1007.75	1009.50	1010.74	1012.63	1024.00	1025.20							
4-4	4-5	97.35	0.34	29.96	0.68	0.23	16.7	5.7	16.3	5.1	85.03	85.03	315.15	9.99	54	2.57	1010.50	1013.00	1012.63	1015.70	1025.20	1024.65							
4-5	4-6L	168.4	0.21	29.62	0.68	0.14	16.47	6.6	16	5.1	84.45	84.45	143.9	10.48	48	0.59	1013.50	1014.50	1015.70	1017.28	1024.65	1023.56							
4-6L	4-6R	1	0.25	0.25	0.68	0.17	0.17	6.6	6.6	6.9	1.17	1.17	1320.46	1.37	48	50	1014.50	1015.00	1017.28	1015.31	1023.56	1023.56							
4-6L	4-6B	50	1.62	1.62	0.68	1.1	1.1	7.7	7.7	6.6	7.29	7.29	33.44	10.34	18	6	1017.00	1020.00	1017.48	1021.05	1023.56	0.00							
4-6L	4-7	65.42	0.46	27.54	0.68	0.31	15.06	7.5	15.9	5.1	77.43	77.43	163.26	9.58	48	0.76	1015.00	1015.50	1017.28	1018.16	1023.56	1023.72							
4-7	4-8	56.62	0.21	27.08	0.68	0.14	14.75	6.5	15.8	5.2	76.02	76.02	175.49	9.81	48	0.88	1016.00	1016.50	1018.16	1019.14	1023.72	1025.58							
4-8	4-9	293.56	0.1	0.38	0.68	0.07	0.26	5.7	5.8	7.1	1.84	1.84	32.34	4.42	24	2.04	1019.50	1025.50	1019.82	1025.97	1025.58	1033.03							
4-9	4-10	58.16	0.28	0.28	0.68	0.19	0.19	5.5	5.5	7.2	1.37	1.37	20.97	3.39	24	0.86	1026.00	1026.50	1026.35	1026.90	1033.03	1034.24							
4-4	5-1	33.47	0.21	10.38	0.68	0.14	7.06	6.5	11.5	5.8	41.12	41.12	228.24	5.81	48	1.49	1010.00	1010.50	1012.63	1012.41	1025.20	1025.48							
5-1	5-2	237.82	0.16	9.51	0.68	0.11	6.47	5.8	11.1	5.9	38.25	38.25	94.82	8.2	42	0.53	1011.00	1012.25	1012.55	1014.17	1025.48	1029.28							
5-2	5-3L	196.77	0.2	7.02	0.68	0.14	4.77	7.1	10.6	6	28.66	28.66	47.55	6.91	36	0.51	1012.75	1013.75	1014.43	1015.48	1029.28	1028.80							
5-3L	5-3R	1	0.27	0.27	0.68	0.18	0.18	6.5	6.5	6.9	1.27	1.27	613.08	1.54	36	50	1013.75	1014.25	1015.48	1014.60	1028.80	1028.80							
5-3L	5-3B	25	1.2	1.2	0.68	0.82	0.82	7.2	7.2	6.7	5.5	5.5	16.79	8.87	15	4	1016.00	1017.00	1016.49	1017.95	1028.80	0.00							
5-3L	5-4	262.42	0.12	3.08	0.68	0.08	2.09	5.6	9.8	6.2	12.91	12.91	40.31	5.43	30	0.57	1014.25	1015.75	1015.48	1016.96	1028.80	1033.29							
5-4	5-5	108.31	0.18	2.68	0.68	0.12	1.82	7.4	9.5	6.2	11.34	11.34	44.37	6.42	30	0.69	1016.25	1017.00	1017.11	1018.13	1033.29	1034.91							
5-5	5-6	65.85	0.16	2.5	0.68	0.11	1.7	7.8	9.3	6.3	10.64	10.64	19.71	5.99	24	0.76	1017.50	1018.00	1018.55	1019.17	1034.91	1035.23							
5-6	5-7	45.64	2.34	2.34	0.68	1.59	1.59	9.2	9.2	6.3	10	10	30.78	7.1	24	1.1	1018.50	1019.00	1019.28	1020.13	1035.23	1035.00							
5-1	6-1	86.62	0.66	0.66	0.68	0.45	0.45	7.1	7.1	6.8	3.04	3.04	32.8	7.82	18	5.77	1013.00	1018.00	1013.31	1018.66	1025.48	1026.13							
5-2	7-1	282.43	0.18	0.48	0.68	0.12	0.33	6.7	6.9	6.8	2.22	2.22	19.56	5.51	18	2.05	1014.20	1020.00	1014.54	1020.56	1029.28	1029.10							
7-1	7-2	51.16	0.3	0.3	0.68	0.2	0.2	6.7	6.7	6.9	1.4	1.4	6.38	3.76	15	0.98	1020.50	1021.00	1020.90	1021.47	1029.10	1029.20							
5-2	8-1	118.16	0.21	1.85	0.68	0.14	1.26	6.6	7.8	6.6	8.31	8.31	82.27	10.95	24	7.83	1013.75	1023.00	1014.18	1024.03	1029.28	1030.58							
8-1	8-2	49.1	0.76	1.64	0.68	0.52	1.12	6.5	7.6	6.6	7.4	7.4	27.95	6.22	24	1.53	1023.50	1024.25	1024.20	1025.22	1030.58	1030.58							
8-2	8-3	306.93	0	0.88	0.68	0	0.6	0	6.8	6.8	4.09	4.09	16.98	6.18	18	1.55	1024.75	1029.50	1025.25	1030.27	1030.58	1036.46							
8-3	8-4	76.99	0.88	0.88	0.68	0.6	0.6	6.7	6.7	6.9	4.11	4.11	51.6	10.95	18	14.29	1030.00	1041.00	1030.29	1041.78	1036.46	0.00							
5-3	9-1L	64.92	1.31	2.27	0.68	0.89	1.54	6.6	6.8	6.8	10.56	10.56	16.03	11.34	15	6.16	1016.00	1020.00	1016.74	1021.20	1028.80	1028.80							
9-1L	9-1R	1	0.96	0.96	0.68	0.65	0.65	6.8	6.8	6.8	4.47	4.47	45.66	4.34	15	50	1020.00	1020.50	1021.20	1021.36	1028.80	1028.80							
5-4	10-1	67.91	0.28	0.28	0.68	0.19	0.19	5.6	5.6	7.2	1.36	1.36	21.46	6.54	15	11.04	1017.50	1025.00	1017.71	1025.46	1033.29	1033.04							
4-8	12-1	43.15	2.72	26.49	0.68	1.85	14.34	7.7	15.7	5.2	74.1	74.1	119.77	9.3	48	0.7	1017.00	1017.30	1019.28	1019.90	1025.58	1025.61							
12-1	12-2	51.21	1.59	23.77	0.68	1.08	12.5	7.4	15.6	5.2	64.71	64.71	184.52	8.89	48	0.98	1017.80	1018.30	1019.90	1020.73	1025.61	1024.84							
12-2	12-3	362.01	0.41	22.18	0.68	0.28	11.41	8.7	14.9	5.3	60.2	60.2	223.81	8.98	48	1.44	1018.80	1024.00	1020.73	1026.34	1024.84	1035.35							
12-3	12-4	39.58	0.19	21.77	0.68	0.13	11.14	6.5	14.9	5.3	58.84	58.84	147	9.94	42	1.26	1024.50	1025.00	1026.34	1027.40	1035.35	1036.50							
12-4	12-5	51.54	21.58	21.58	0.51	11.01	11.01	14.8	14.8	5.3	58.28	58.28	85.4	10.85	36	0.97	1025.50	1026.00	1027.40	1028.47	1036.50	0.00							
11-1	11-2	53.05	0	17.17	0.68	0	10.71	0	16.3	5.1	54.46	54.46	464.9	5.38	60	1.89	996.00	997.00	999.54	999.07	0.00	1011.00							
11-2	11-3	176.56	0.43	17.17	0.68	0.29	10.71	7.3	16	5.1	54.95	54.95	825.75	8.76	60	5.95	997.50	1008.00	999.07	1010.08	1011.00	1022.25							
11-3	11-4	99	0.13	16.74	0.68	0.09	10.42	5.6	15.8	5.2	53.71	53.71	145.37	9.14	48	0.61	1009.00	1009.60	1010.68	1011.80	1022.25	1023.75							
11-4	11-5	107.78	0.12	16.61	0.68	0.08	10.33	5.8	15.6	5.2	53.56	53.56	145.02	8.19	48	0.6	1009.85	1010.50	1011.80	1012.70	1023.75	1024.30							
11-5	11-6R	179.77	0.24	16.49	0.68	0.16	10.25	7.5	15.2	5.2	53.68	53.68	107.14	8.05	48	0.56	1011.00	1012.00	1013.00	1014.20	1024.30	1023.56							
11-6R	11-6L	1	0.53	0.53	0.68	0.36	0.36	7.9	7.9	6.6	2.37	2.37	1015.74	1.73	48	50	1012.00	1012.50	1014.20	1012.94	1023.56	1023.56							
11-6R	11-7	100.6	0.43	15.72	0.68	0.29	9.72	8.8	15	5.3	51.23	51.23	161.24	7.94	48	0.75	1012.25	1013.00	1014.20	1015.15	1023.56	1023.76							
11-7	11-8	36.6	0.21	15.29	0.68	0.14	9.43	6.8	14.9	5.3	49.78	49.78	152.87	9.49	42	1.37	1013.50	1014.00	1015.15	1016.20	1023.76	1024.80							
11-8	11-9	49.69	0.94	15.08	0.68	0.64	9.29	7																					

100-YEAR STRUCTURE																							
D.S. Str.	Str. No.	Area (ac)	InletTime (min)	Int. (in/hr)	RunoffCoeff. (C)	Q=CIA (cfs)	Q Carry-over (cfs)	Q Captured (cfs)	Q Bypassed (cfs)	JunctType	CurbHeight (in)	CurbLength (ft)	GutterSlope (ft/ft)	GutterWidth (ft)	CrossSlope, Sw (ft/ft)	CrossSlope, Sx (ft/ft)	LocalDepr. (in)	InletDepth (ft)	BypassDepth (ft)	BypassSpread (ft)	GutterDepth (ft)	GutterSpread (ft)	Bypass Str.
1-1	1-2	0.23	6.3	12.3	0.68	1.92	0	1.92	0	Dp-Curb	6	20	Sag	....	0.02	0.02	....	0.1	n/a	n/a	0.1	5.04	Sag
1-2	1-3	0.97	6.5	12.21	0.68	8.06	0	8.06	0	Dp-Curb	6	20	Sag	....	0.02	0.02	....	0.26	n/a	n/a	0.26	13.1	Sag
1-3	1-4	0.2	6.3	12.3	0.68	1.67	0.26	1.93	0	Dp-Curb	6	16	Sag	....	0.02	0.02	....	0.12	n/a	n/a	0.12	5.86	Sag
1-4	1-5	7.54	9.3	11.13	0.68	57.06	0	57.06	0	Dp-Curb	6	16	Sag	....	0.02	0.02	....	2.01	n/a	n/a	2.01	100.59	Sag
1-5	1-6	0.76	6.2	12.34	0.68	6.38	0	6.38	0	Dp-Curb	6	16	Sag	....	0.02	0.02	....	0.26	n/a	n/a	0.26	13.01	Sag
1-6	1-7	0.2	5.2	12.8	0.68	1.74	0	1.74	0	Dp-Curb	6	16	Sag	....	0.02	0.02	....	0.11	n/a	n/a	0.11	5.47	Sag
1-7	1-8	0.45	8.1	11.57	0.68	3.54	0	2.67	0.87	Curb	5.8	5	0.015	2	0.05	0.02	9	1	0.16	4.97	0.25	9.41	Offsite
1-5	2-1	1.32	7.3	11.88	0.68	10.66	0	10.66	0	Dp-Curb	6	16	Sag	....	0.02	0.02	....	0.37	n/a	n/a	0.37	18.33	Sag
3-1	3-2	0.3	7	12	0.68	2.45	0	2.45	0	Curb	5.8	5	Sag	2	0.05	0.02	9	1.06	n/a	n/a	0.31	12.41	Sag
4-1	4-2	0.91	7.1	11.96	0.68	7.4	0	7.4	0	Curb	5.8	5	Sag	2	0.05	0.02	9	1.33	n/a	n/a	0.58	25.95	Sag
4-2	4-3	2.8	8.7	11.34	0.68	21.6	0	21.6	0	Curb	5.8	5	Sag	2	0.05	0.02	9	1.87	n/a	n/a	1.12	53.02	Sag
4-3	4-4	0	0	0	0.68	0	....	....	....	MH	....	....	....	....	....	....	....	....	....	....	....	....	....
4-4	4-5	0.34	5.7	12.57	0.68	2.91	2.15	4.29	0.76	Curb	5.8	8	0.021	2	0.05	0.02	9	1.01	0.14	4.23	0.26	10.18	4-6L
4-5	4-6L	0.21	6.6	12.17	0.68	1.74	11.97	13.71	0	Curb	5.8	5	Sag	2	0.05	0.02	9	1.59	n/a	n/a	0.84	39.15	Sag
4-6L	4-6R	0.25	6.6	12.17	0.68	2.07	0	2.07	0	Curb	5.8	5	Sag	2	0.05	0.02	9	1.03	n/a	n/a	0.28	11.09	Sag
4-6L	4-6B	1.62	7.7	11.72	0.68	12.91	0	12.91	0	Hdwall	....	....	....	....	....	....	....	....	....	....	....	....	....
4-6L	4-7	0.46	7.5	11.8	0.68	3.69	18.05	10.54	11.21	Curb	5.8	8	0.01	2	0.05	0.02	9	1.23	0.38	16.2	0.48	20.92	4-6L
4-7	4-8	0.21	6.5	12.21	0.68	1.74	0	1.74	0	Curb	5.8	8	0.018	2	0.05	0.02	9	0.94	0	0	0.19	6.65	4-7
4-8	4-9	0.1	5.7	12.57	0.68	0.85	0	0.85	0	Curb	5.8	5	0.033	2	0.05	0.02	9	0.89	0	0	0.14	3.96	4-8
4-9	4-10	0.28	5.5	12.66	0.68	2.41	0	1.9	0.51	Curb	5.8	5	0.033	2	0.05	0.02	9	0.94	0.12	2.81	0.19	6.71	12-1
4-4	5-1	0.21	6.5	12.21	0.68	1.74	0	1.65	0.1	Curb	5.8	5	0.018	2	0.05	0.02	9	0.94	0.07	1.41	0.19	6.66	11-5
5-1	5-2	0.16	5.8	12.52	0.68	1.36	0	1.36	0	Curb	5.8	5	0.015	2	0.05	0.02	9	0.93	0.02	0.43	0.18	6.19	5-1
5-2	5-3L	0.2	7.1	11.96	0.68	1.63	0	1.63	0	Curb	5.8	5	Sag	2	0.05	0.02	9	1	n/a	n/a	0.25	9.45	Sag
5-3L	5-3R	0.27	6.5	12.21	0.68	2.24	0	2.24	0	Curb	5.8	5	Sag	2	0.05	0.02	9	1.04	n/a	n/a	0.29	11.7	Sag
5-3L	5-3B	1.2	7.2	11.92	0.68	9.73	0	9.73	0	Hdwall	....	....	....	....	....	....	....	....	....	....	....	....	....
5-3L	5-4	0.12	5.6	12.61	0.68	1.03	0.01	1.04	0	Curb	5.8	5	0.014	2	0.05	0.02	9	0.92	0	0	0.17	5.52	5-3L
5-4	5-5	0.18	7.4	11.84	0.68	1.45	0	1.44	0.01	Curb	5.8	5	0.014	2	0.05	0.02	9	0.94	0.03	0.6	0.19	6.47	5-4
5-5	5-6	0.16	7.8	11.68	0.68	1.27	0	1.27	0	Curb	5.8	5	0.013	2	0.05	0.02	9	0.93	0	0	0.18	6.19	10-1
5-6	5-7	2.34	9.2	11.16	0.68	17.76	0	17.76	0	Dp-Curb	6	16	Sag	....	0.02	0.02	....	0.52	n/a	n/a	0.52	25.76	Sag
5-1	6-1	0.66	7.1	11.96	0.68	5.37	0.05	3.27	2.15	Curb	5.8	5	0.018	2	0.05	0.02	9	1.03	0.21	7.31	0.28	10.81	4-5
5-2	7-1	0.18	6.7	12.13	0.68	1.48	0	1.48	0	Curb	5.8	5	0.011	2	0.05	0.02	9	0.95	0.02	0.34	0.2	6.91	1-4
7-1	7-2	0.3	6.7	12.13	0.68	2.47	0	2.22	0.25	Curb	5.8	5	0.011	2	0.05	0.02	9	0.98	0.11	2.52	0.23	8.64	1-4
5-2	8-1	0.21	6.6	12.17	0.68	1.74	0	1.69	0.05	Curb	5.8	5	0.013	2	0.05	0.02	9	0.95	0.06	1.18	0.2	7.15	6-1
8-1	8-2	0.76	6.5	12.21	0.68	6.31	0	3.72	2.59	Curb	5.8	5	0.013	2	0.05	0.02	9	1.06	0.23	8.5	0.31	12.26	9-1L
8-2	8-3	0	0	0	0.68	0	0	0	0	Curb	5.8	5	0.011	2	0.05	0.02	9	0.75	0	0	0	0	8-2
8-3	8-4	0.88	6.7	12.13	0.68	7.26	0	7.26	0	Hdwall	....	....	....	....	....	....	....	....	....	....	....	....	....
5-3	9-1L	1.31	6.6	12.17	0.68	10.84	2.87	13.71	0	Curb	5.8	5	Sag	2	0.05	0.02	9	1.59	n/a	n/a	0.84	39.16	Sag
9-1L	9-1R	0.96	6.8	12.08	0.68	7.89	0	7.89	0	Curb	5.8	5	Sag	2	0.05	0.02	9	1.35	n/a	n/a	0.6	27.08	Sag
5-4	10-1	0.28	5.6	12.61	0.68	2.4	0	2.12	0.28	Curb	5.8	5	0.014	2	0.05	0.02	9	0.97	0.11	2.5	0.22	8.1	9-1L
4-8	12-1	2.72	7.7	11.72	0.68	21.68	0.51	9.59	12.59	Curb	5.8	8	0.018	2	0.05	0.02	9	1.19	0.36	15.11	0.44	18.83	4-7
12-1	12-2	1.59	7.4	11.84	0.68	12.8	0.92	8.26	5.46	Curb	5.8	8	0.011	2	0.05	0.02	9	1.15	0.3	11.97	0.4	17.2	4-7
12-2	12-3	0.41	8.7	11.34	0.68	3.16	0	2.24	0.92	Curb	5.8	5	0.032	2	0.05	0.02	9	0.96	0.14	4.17	0.21	7.63	12-2
12-3	12-4	0.19	6.5	12.21	0.68	1.58	0	1.58	0	Dp-Curb	6	24	Sag	....	0.02	0.02	....	0.08	n/a	n/a	0.08	3.91	Sag
12-4	12-5	21.58	14.8	9.52	0.51	104.73	0	104.73	0	Hdwall	....	....	....	....	....	....	....	....	....	....	....	....	....
11-1	11-2	0	0	0	0.68	0	....	....	....	MH	....	....	....	....	....	....	....	....	....	....	....	....	....
11-2	11-3	0.43	7.3	11.88	0.68	3.47	0	3.47	0	Curb	5.8	5	Sag	2	0.05	0.02	9	1.12	n/a	n/a	0.37	15.67	Sag
11-3	11-4	0.13	5.6	12.61	0.68	1.11	0	1.11	0	Curb	5.8	5	Sag	2	0.05	0.02	9	0.96	n/a	n/a	0.21	7.34	Sag
11-4	11-5	0.12	5.8	12.52	0.68	1.02	0.1	1.12	0	Curb	5.8	6	0.011	2	0.05	0.02	9	0.93	0	0	0.18	6.07	11-6R
11-5	11-6R	0.24	7.5	11.8	0.68	1.93	4.87	6.79	0	Curb	5.8	5	Sag	2	0.05	0.02	9	1.3	n/a	n/a	0.55	24.51	Sag
11-6R	11-6L	0.53	7.9	11.64	0.68	4.2	0	4.2	0	Curb	5.8	5	Sag	2	0.05	0.02	9	1.17	n/a	n/a	0.42	17.78	Sag
11-6R	11-7	0.43	8.8	11.31	0.68	3.31	6.35	4.79	4.87	Curb	5.8	5	0.01	2	0.05	0.02	9	1.12	0.29	11.65	0.37	15.28	11-6R
11-7	11-8	0.21	6.8	12.08	0.68	1.73	1.63	3.04	0.32	Curb	5.8	6	0.01	2	0.05	0.02	9	1.01	0.12	3.12	0.26	10.02	11-7
11-8	11-9	0.94	7.9	11.64	0.68	7.44	0.55	7.99	0	Curb	5.8	6	Sag	2	0.05	0.02	9	1.32	n/a	n/a	0.57	25.39	Sag
11-9	11-10	0.17	6.1	12.39	0.68	1.43	1.71	2.59	0.55	Curb	5.8	5	0.011	2	0.05	0.02	9	1	0.14	4.22	0.25	9.56	11-9
11-10	11-11	0.22	5.9	12.48	0.68	1.87	3.29	3.44	1.71	Curb	5.8	5	0.011	2	0.05	0.02	9	1.04	0.21	7.37	0.29	11.69	11-10
11-11	11-12	0.47	5.9	12.48	0.68	3.99	1.6	3.59	2	Curb	5.8	5	0.011	2	0.05	0.02	9	1.05	0.22	7.89	0.3	12.08	11-11
11-12	11-13	0.38	5.6	12.61	0.68	3.26	1.59	3.25	1.6	Curb	5.8	5	0.013	2	0.05	0.02	9	1.03	0.2	6.89	0.28	11.03	11-12
11-13	11-14	0.4	5.7	12.57	0.68	3.42	0.79	2.61	1.59	Curb	5.8	5	0.032	2	0.05	0.02	9	0.98	0.17	5.56	0.23	8.63	11-13
11-14	11-15	0.35	6.7	12.13	0.68	2.89	0	2.1	0.79	Curb	5.8	5	0.035	2	0.05	0.02	9	0.95	0.13	3.7	0.2	7.19	11-14
11-9	13-1	1.42	8.4	11.45	0.68	11.06	0	5.03	6.03	Curb	5.8	5	0.011	2	0.05	0.02	9	1.13	0.31	12.45	0.38	15.82	11-7
11-10	14-1	0.61	6.7	12.13	0.68	5.03	0	3.4	1.63	Curb	5.8	5	0.011	2	0.05	0.02	9	1.04	0.2	7.22	0.29	11.58	11-8
11-11	15-1	2.03	6.																				

100-YEAR PIPE																							
D.S. Str.	U.S. Str.	LineLength (ft)	Incr.Area (ac)	TotalArea (ac)	RunoffCoeff. (C)	IncrC x A	TotalC x A	InletTime (min)	TimeConc (min)	Rnfallnt (in/hr)	TotalRunoff (cfs)	TotalFlow (cfs)	CapacFull (cfs)	Veloc (ft/s)	PipeSize (in)	PipeSlope (%)	Inv ElevDn (ft)	Inv ElevUp (ft)	HGLDn (ft)	HGLUp (ft)	Grnd/RimDn (ft)	Grnd/RimUp (ft)	
1-1	1-2	85.66	0.23	11.67	0.68	0.16	7.94	6.3	10.5	10.7	85.15	85.15	570.68	8.71	48	9.34	996.00	1004.00	999.03	1006.80	0.00	1023.80	
1-2	1-3	238.75	0.97	11.44	0.68	0.66	7.78	6.5	10.1	10.8	84.33	84.33	119.71	11.75	42	0.84	1005.00	1007.00	1007.17	1009.86	1023.80	1025.15	
1-3	1-4	252.57	0.2	10.47	0.68	0.14	7.12	6.3	9.7	11	78.14	78.14	116.39	10.46	42	0.79	1007.50	1009.50	1009.86	1012.26	1025.15	1024.50	
1-4	1-5	261.5	7.54	10.27	0.68	5.13	6.98	9.3	9.3	11.1	77.63	77.63	102.3	10.63	42	0.61	1010.00	1011.60	1012.28	1014.35	1024.50	1017.50	
1-5	1-6	119.52	0.76	1.41	0.68	0.52	0.96	6.2	9	11.2	10.78	10.78	25.52	5.41	24	0.75	1013.10	1014.00	1014.35	1015.18	1017.50	1019.25	
1-6	1-7	229.48	0.2	0.65	0.68	0.14	0.44	5.2	8.5	11.4	5.05	5.05	12.7	7.51	15	2.29	1014.75	1020.00	1015.30	1020.91	1019.25	1026.15	
1-7	1-8	157.61	0.45	0.45	0.68	0.31	0.31	8.1	8.1	11.6	3.54	3.54	15.68	7.31	15	3.49	1020.50	1026.00	1020.91	1026.76	1026.15	1031.39	
1-5	2-1	374.86	1.32	1.32	0.68	0.9	0.9	7.3	7.3	11.9	10.66	10.66	42.68	5.37	24	2.11	1013.10	1021.00	1014.35	1022.17	1017.50	1028.50	
3-1	3-2	44.42	0.3	0.3	0.68	0.2	0.2	7	7	12	2.45	2.45	12.6	3.35	15	2.25	996.00	997.00	996.86	997.63	0.00	1024.00	
4-1	4-2	44.43	0.91	44.05	0.68	0.62	26.29	7.1	16.8	9	237.69	237.69	508	12.91	60	2.25	996.00	997.00	1000.54	1001.34	0.00	1024.00	
4-2	4-3	183.92	2.8	43.14	0.68	1.9	25.67	8.7	16.6	9.1	233.25	233.25	305.8	15.06	60	0.82	1006.00	1007.50	1009.27	1011.81	1024.00	1024.00	
4-3	4-4	305.78	0	40.34	0.68	0	23.76	0	16.2	9.2	218.11	218.11	256.16	12.6	60	0.57	1007.75	1009.50	1011.81	1013.69	1024.00	1025.20	
4-4	4-5	97.35	0.34	29.96	0.68	0.23	16.7	5.7	16.1	9.2	153.84	153.84	315.15	11.97	54	2.57	1010.50	1013.00	1013.69	1016.63	1025.20	1024.65	
4-5	4-6L	168.4	0.21	29.62	0.68	0.14	16.47	6.6	15.9	9.3	152.54	152.54	143.9	12.85	48	0.59	1013.50	1014.50	1017.06	1018.11	1024.65	1023.56	
4-6L	4-6R	1	0.25	0.25	0.68	0.17	0.17	6.6	6.6	12.2	2.07	2.07	1320.46	1.59	48	50	1014.50	1015.00	1018.11	1015.41	1023.56	1023.56	
4-6L	4-6B	50	1.62	1.62	0.68	1.1	1.1	7.7	7.7	11.7	12.91	12.91	33.44	8.45	18	6	1017.00	1020.00	1018.11	1021.35	1023.56	0.00	
4-6L	4-7	65.42	0.46	27.54	0.68	0.31	15.06	7.5	15.8	9.3	139.75	139.75	163.26	12.64	48	0.76	1015.00	1015.50	1018.11	1019.01	1023.56	1023.72	
4-7	4-8	56.62	0.21	27.08	0.68	0.14	14.75	6.5	15.7	9.3	137.1	137.1	175.49	12.67	48	0.88	1016.00	1016.50	1019.01	1019.98	1023.72	1025.58	
4-8	4-9	293.56	0.1	0.38	0.68	0.07	0.26	5.7	5.7	12.5	3.24	3.24	32.34	4.71	24	2.04	1019.50	1025.50	1019.98	1026.13	1025.58	1033.03	
4-9	4-10	58.16	0.28	0.28	0.68	0.19	0.19	5.5	5.5	12.7	2.41	2.41	20.97	3.98	24	0.86	1026.00	1026.50	1026.46	1027.04	1033.03	1034.24	
4-4	5-1	33.47	0.21	10.38	0.68	0.14	7.06	6.5	11.7	10.3	73.02	73.02	228.24	7.27	48	1.49	1010.00	1010.50	1013.69	1013.08	1025.20	1025.48	
5-1	5-2	237.82	0.16	9.51	0.68	0.11	6.47	5.8	11.3	10.5	67.69	67.69	94.82	9.81	42	0.53	1011.00	1012.25	1013.19	1014.83	1025.48	1029.28	
5-2	5-3L	196.77	0.2	7.02	0.68	0.14	4.77	7.1	10.9	10.6	50.6	50.6	47.55	7.57	36	0.51	1012.75	1013.75	1015.44	1016.44	1029.28	1028.80	
5-3L	5-3R	1	0.27	0.27	0.68	0.18	0.18	6.5	6.5	12.2	2.24	2.24	613.08	0.32	36	50	1013.75	1014.25	1018.45	1018.45	1028.80	1028.80	
5-3L	5-3B	25	1.2	1.2	0.68	0.82	0.82	7.2	7.2	11.9	9.73	9.73	16.79	7.93	15	4	1016.00	1017.00	1018.45	1018.78	1028.80	0.00	
5-3L	5-4	262.42	0.12	3.08	0.68	0.08	2.09	5.6	10	10.9	22.84	22.84	40.31	4.65	30	0.57	1014.25	1015.75	1018.45	1018.93	1028.80	1033.29	
5-4	5-5	108.31	0.18	2.68	0.68	0.12	1.82	7.4	9.5	11.1	20.14	20.14	44.37	4.1	30	0.69	1016.25	1017.00	1019.43	1019.59	1033.29	1034.91	
5-5	5-6	65.85	0.16	2.5	0.68	0.11	1.7	7.8	9.3	11.1	18.9	18.9	19.71	6.02	24	0.76	1017.50	1018.00	1019.93	1020.39	1034.91	1035.23	
5-6	5-7	45.64	2.34	2.34	0.68	1.59	1.59	9.2	9.2	11.2	17.76	17.76	30.78	5.65	24	1.1	1018.50	1019.00	1020.84	1021.00	1035.23	1035.00	
5-1	6-1	86.62	0.66	0.66	0.68	0.45	0.45	7.1	7.1	12	5.37	5.37	32.8	9.29	18	5.77	1013.00	1018.00	1013.41	1018.89	1025.48	1026.13	
5-2	7-1	282.43	0.18	0.48	0.68	0.12	0.33	6.7	6.9	12	3.93	3.93	19.56	5	18	2.05	1014.20	1020.00	1014.83	1020.76	1029.28	1029.10	
7-1	7-2	51.16	0.3	0.3	0.68	0.2	0.2	6.7	6.7	12.1	2.47	2.47	6.38	4.43	15	0.98	1020.50	1021.00	1021.04	1021.63	1029.10	1029.20	
5-2	8-1	118.16	0.21	1.85	0.68	0.14	1.26	6.6	7.7	11.7	14.73	14.73	82.27	7.45	24	7.83	1013.75	1023.00	1014.83	1024.38	1029.28	1030.58	
8-1	8-2	49.1	0.76	1.64	0.68	0.52	1.12	6.5	7.6	11.7	13.1	13.1	27.95	7.4	24	1.53	1023.50	1024.25	1024.46	1025.55	1030.58	1030.58	
8-2	8-3	306.93	0	0.88	0.68	0	0.6	0	6.8	12.1	7.22	7.22	16.98	6.52	18	1.55	1024.75	1029.50	1025.55	1030.54	1030.58	1036.46	
8-3	8-4	76.99	0.88	0.88	0.68	0.6	0.6	6.7	6.7	12.1	7.26	7.26	51.6	9.11	18	14.29	1030.00	1041.00	1030.54	1042.04	1036.46	0.00	
5-3	9-1L	64.92	1.31	2.27	0.68	0.89	1.54	6.6	6.8	12.1	18.65	18.65	16.03	15.2	15	6.16	1016.00	1020.00	1018.45	1023.87	1028.80	1028.80	
9-1L	9-1R	1	0.96	0.96	0.68	0.65	0.65	6.8	6.8	12.1	7.89	7.89	45.66	6.43	15	50	1020.00	1020.50	1025.66	1025.68	1028.80	1028.80	
5-4	10-1	67.91	0.28	0.28	0.68	0.19	0.19	5.6	5.6	12.6	2.4	2.4	21.46	2.96	15	11.04	1017.50	1025.00	1019.43	1025.62	1033.29	1033.04	
4-8	12-1	43.15	2.72	26.49	0.68	1.85	14.34	7.7	15.6	9.3	133.6	133.6	119.77	10.63	48	0.7	1017.00	1017.30	1021.00	1021.37	1025.58	1025.61	
12-1	12-2	51.21	1.59	23.77	0.68	1.08	12.5	7.4	15.6	9.3	116.64	116.64	184.52	9.28	48	0.98	1017.80	1018.30	1023.20	1023.40	1025.61	1024.84	
12-2	12-3	362.01	0.41	22.18	0.68	0.28	11.41	8.7	14.9	9.5	108.31	108.31	223.81	9.42	48	1.44	1018.80	1024.00	1025.04	1027.15	1024.84	1035.35	
12-3	12-4	39.58	0.19	21.77	0.68	0.13	11.14	6.5	14.9	9.5	105.8	105.8	147	12.61	42	1.26	1024.50	1025.00	1027.15	1028.13	1035.35	1036.50	
12-4	12-5	51.54	21.58	21.58	0.51	11.01	11.01	14.8	14.8	9.5	104.73	104.73	85.4	14.82	36	0.97	1025.50	1026.00	1028.50	1029.25	1036.50	0.00	
11-1	11-2	53.05	0	17.17	0.68	0	10.71	0	15.8	9.3	99.42	99.42	464.9	7.67	60	1.89	996.00	997.00	999.54	999.84	0.00	1011.00	
11-2	11-3	176.56	0.43	17.17	0.68	0.29	10.71	7.3	15.5	9.4	100.17	100.17	825.75	9.91	60	5.95	997.50	1008.00	999.84	1010.85	1011.00	1022.25	
11-3	11-4	99	0.13	16.74	0.68	0.09	10.42	5.6	15.3	9.4	97.81	97.81	145.37	11.05	48	0.61	1009.00	1009.60	1011.40	1012.60	1022.25	1023.75	
11-4	11-5	107.78	0.12	16.61	0.68	0.08	10.33	5.8	15.1	9.4	97.42	97.42	145.02	10.14	48	0.6	1009.85	1010.50	1012.60	1013.49	1023.75	1024.30	
11-5	11-6R	179.77	0.24	16.49	0.68	0.16	10.25	7.5	14.8	9.5	97.42	97.42	107.14	9.65	48	0.56	1011.00	1012.00	1013.99	1015.00	1024.30	1023.56	
11-6R	11-6L	1	0.53	0.53	0.68	0.36	0.36	7.9	7.9	11.6	4.2	4.2	1015.74	1.98	48	50	1012.00	1012.50	1015.85	1013.09	1023.56	1023.56	
11-6R	11-7	100.6	0.43	15.72	0.68	0.29	9.72	8.8	14.6	9.6	92.91	92.91	161.24	8.63	48	0.75	1012.25	1013.00	1015.85	1015.92	1023.56	1023.76	
11-7	11-8	36.6	0.21	15.29	0.68	0.14	9.43	6.8	14.6	9.6	90.24	90.24	152.87	11.58	42	1.37	1013.50	1014.00	1015.92	1016.94	1023.76	1024.80	
11-8	11-9	49.69	0.94	15.08	0.68	0.64	9.29	7.9	14.5	9.6	89.05												

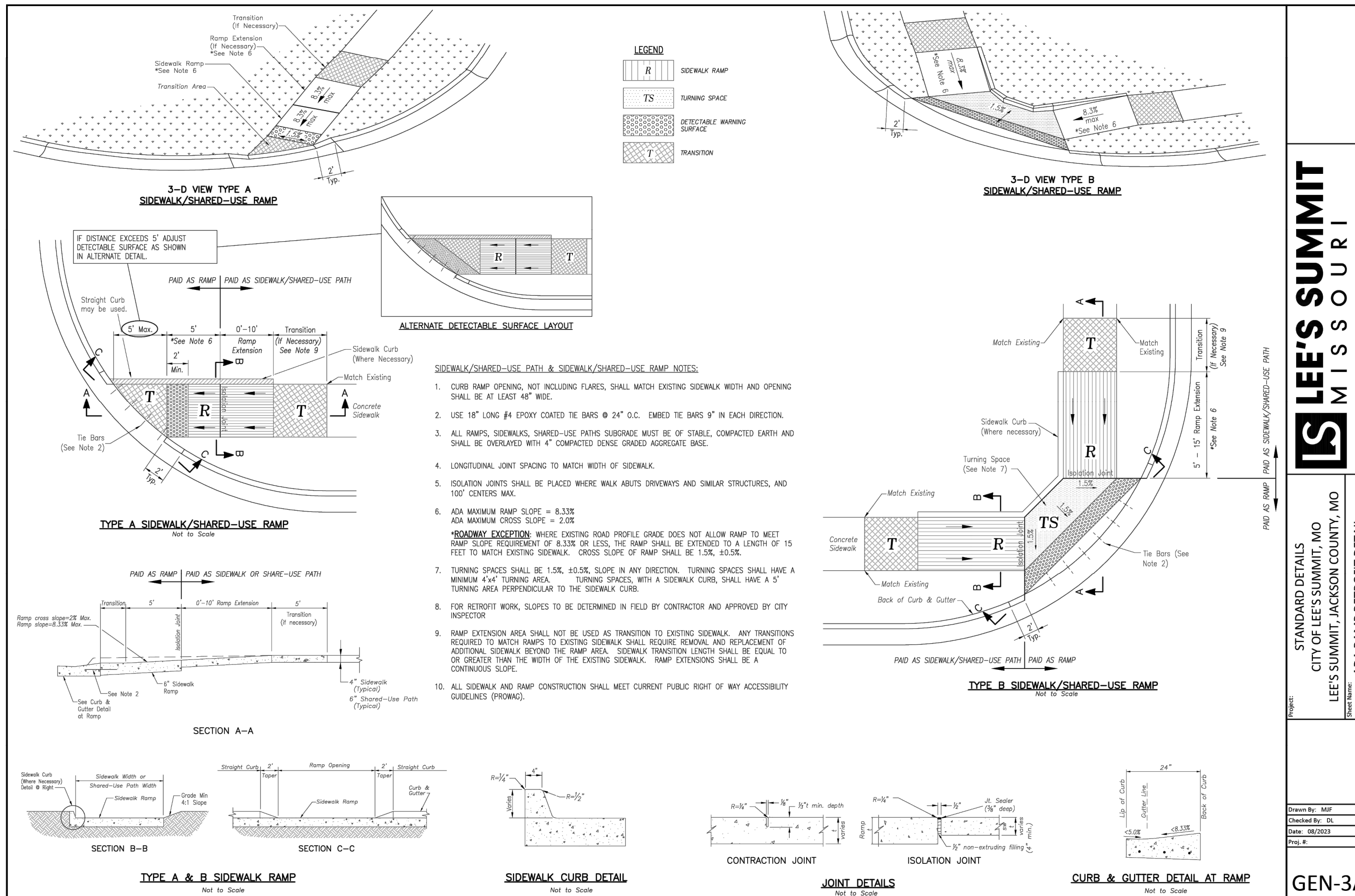


LEE'S SUMMIT MISSOURI
PUBLIC WORKS ENGINEERING DIVISION 1225 E. GREEN STREET, LEE'S SUMMIT, MO 64060

STANDARD DETAILS
CITY OF LEE'S SUMMIT, MO
LEE'S SUMMIT, JACKSON COUNTY, MO
FIELD INLET DETAIL

Drawn By: MAF
Checked By: DL
Date: 06/2023
Proj. #

STM-2

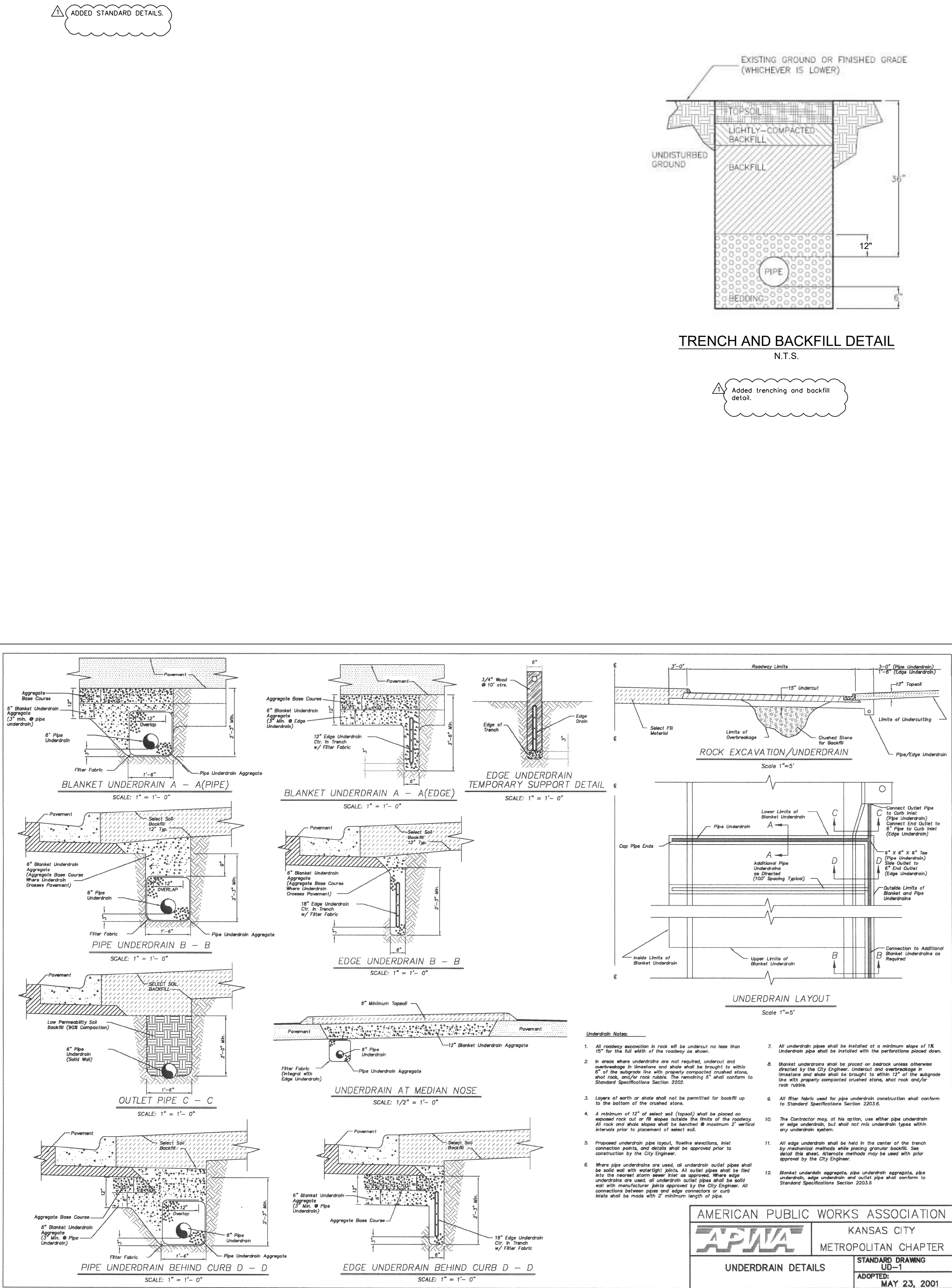


LEE'S SUMMIT MISSOURI
PUBLIC WORKS ENGINEERING DIVISION 1225 E. GREEN STREET, LEE'S SUMMIT, MO 64060

STANDARD DETAILS
CITY OF LEE'S SUMMIT, MO
LEE'S SUMMIT, JACKSON COUNTY, MO
ADA RAMP RETROFIT DETAIL

Drawn By: MAF
Checked By: DL
Date: 06/2023
Proj. #

GEN-3A



ENGINEERING SOLUTIONS
ENGINEERING & SURVEYING
50 SE 30TH STREET
LEE'S SUMMIT, MO 64062
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Professional Registration
Missouri
Engineering 2005002186-D
Surveying 2005008319-D
Kansas
Engineering E-1695
Surveying LS-218
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

Oldham Village
Lee's Summit, Jackson County, Missouri

Project: OLDHAM VILLAGE
MARKETPLACE
LSMO
Issue Date: November 6, 2024

Construction Details
Construction Plans for:
Oldham Village
Lee's Summit, Jackson County, Missouri

STATE OF MISSOURI
MATTHEW J. SCHLICHT
REGISTERED PROFESSIONAL ENGINEER
NO. 0006019708
KS PE 19071
OK PE 25226
NE PE E-14335

REVISIONS

REV. 12/10/2024

REV. 1/2/2025

REV. 2/6/2025