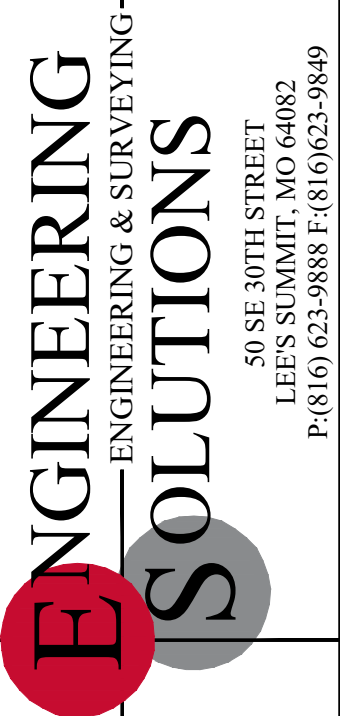
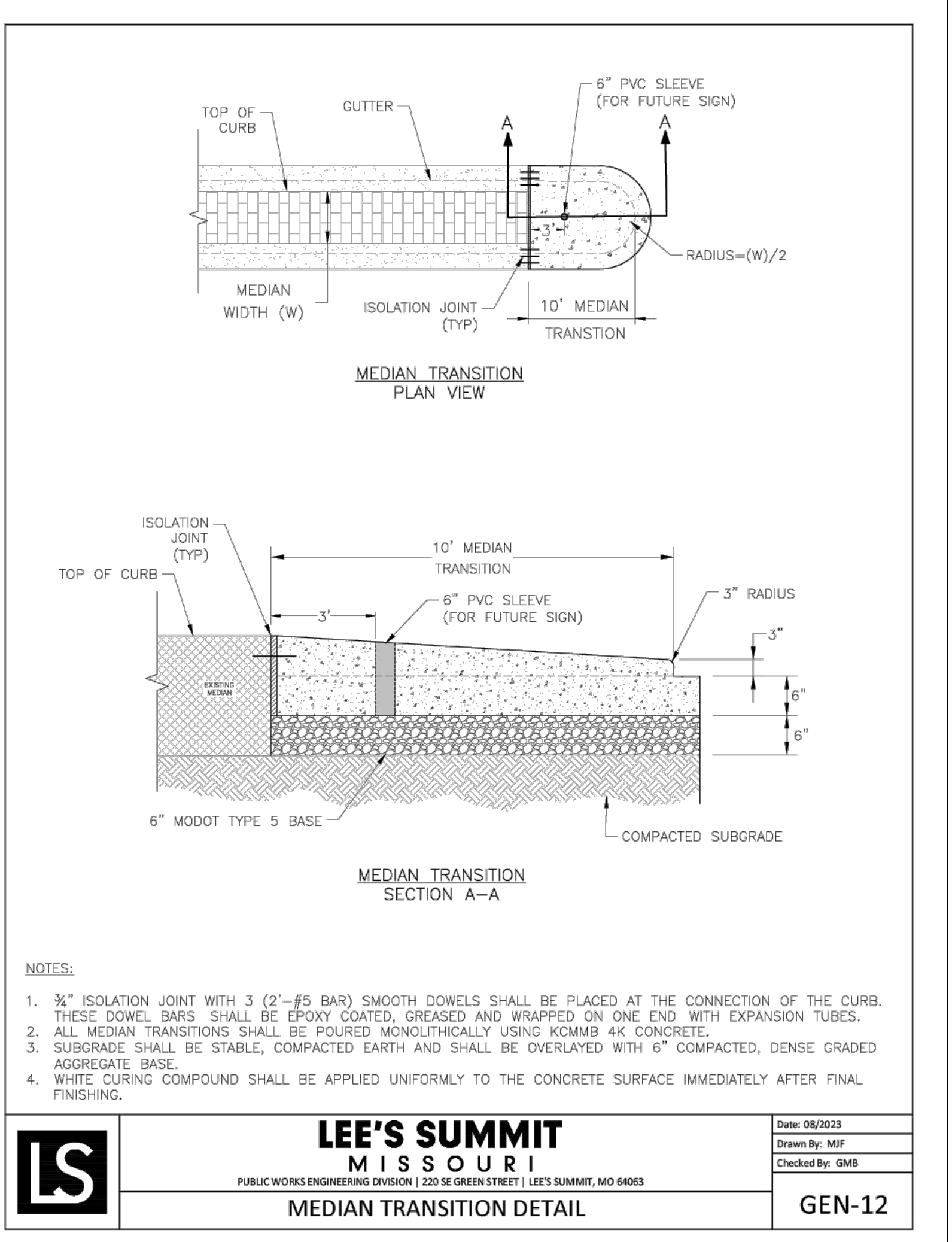


LEE'S SUMMIT MISSOURI

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

GEN-3A



Professional Registration
Missouri
Engineering 2005002186-D
Surveying 2005003118-D
Kansas
Engineering E-1695
Surveying LS-218
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

Project: Oldham East
Issue Date: December 9, 2023

Oldham East
Lee's Summit, Jackson County, Missouri

Project: Oldham East
Issue Date: December 9, 2023

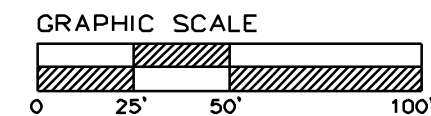
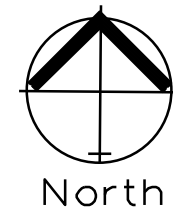
Sidewalk Plan
Construction Plans for:
Oldham East
Lee's Summit, Jackson County, Missouri



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

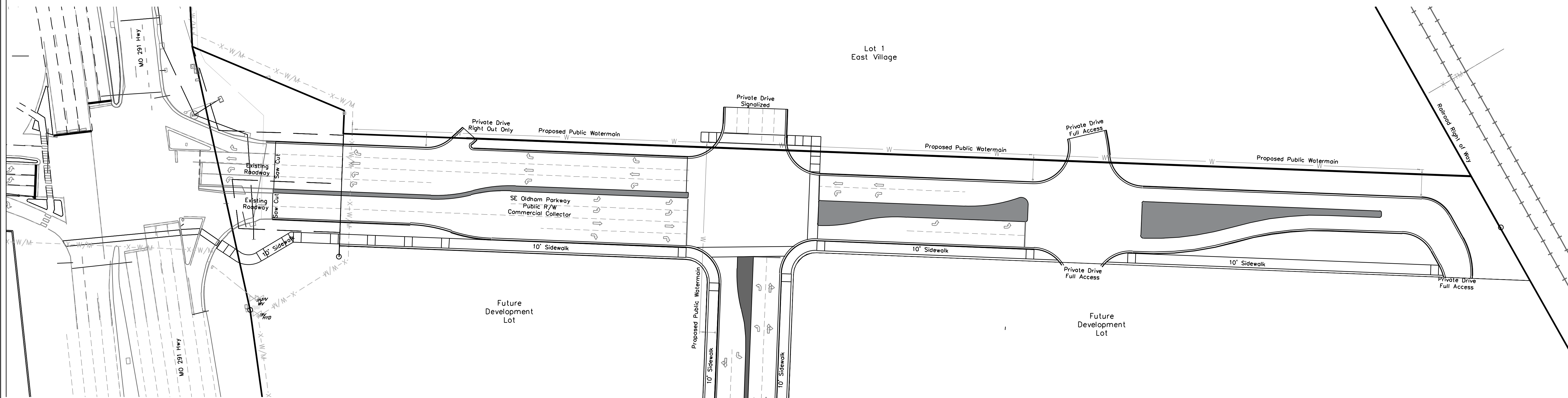
REVISIONS

NO.	DATE	DESCRIPTION



SITE PLAN AND STREET SECTIONS

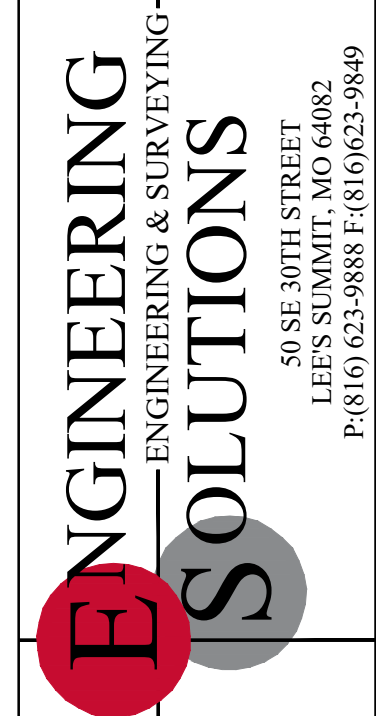
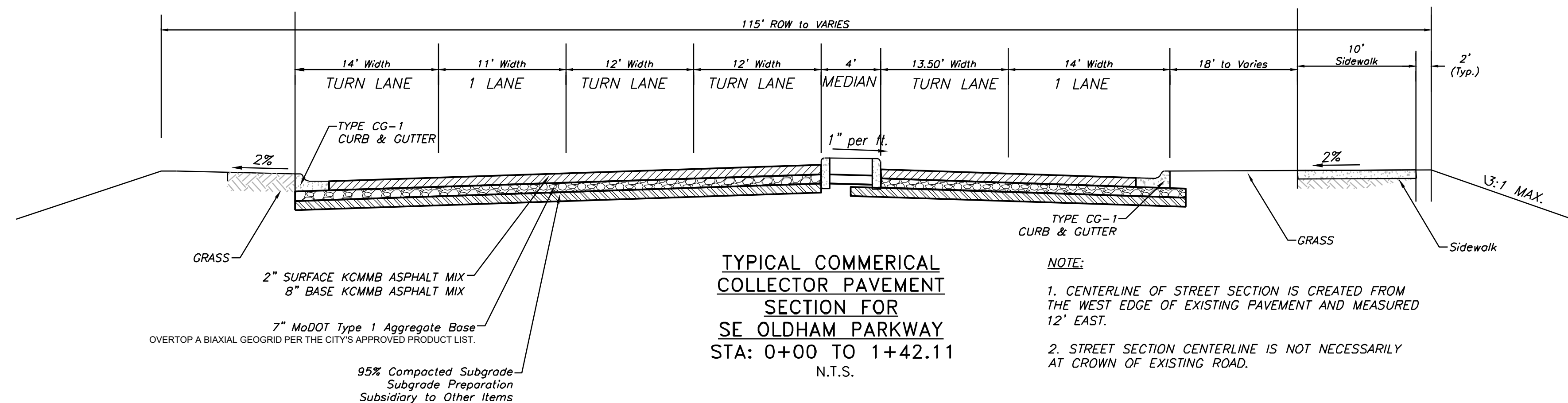
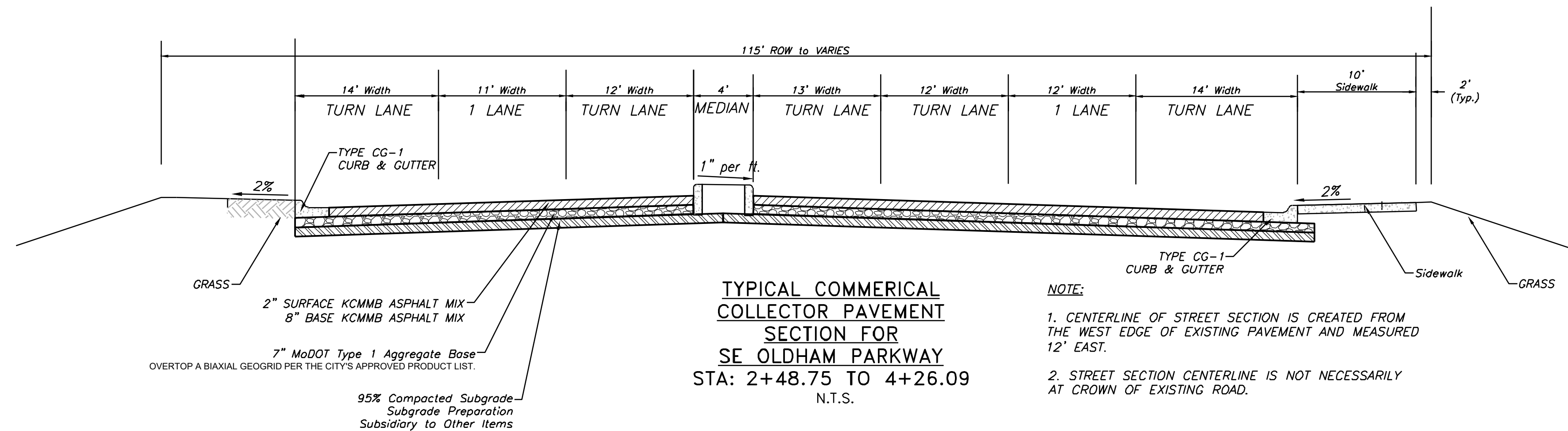
SCALE: 1" = 50'



B. Weather Limitations: When the moisture of the aggregate in the stockpile or from the dryer interferes with the quality of mix production, or with normal plant operations, the mixing and placing of hot-mix asphalt will not be permitted without the permission of the Engineer. No mixture shall be placed on wet or frozen surface.

Hot Mix asphalt paving shall not be mixed or placed when the ambient air or base temperature is below the temperatures shown in the following table, or when there is frost in the subgrade or any other time when weather conditions are unsuitable for the type of material being placed without expressed approval of the Engineer.

Paving Course	Thickness (inches)	Air Temperature (Degrees F)	Road Surface Temperature (Degrees F)
Surface	All	50	55
Base	Less than 3	40	45
Base	3 or more	30	35



Professional Registration
 Missouri
 Engineering 200502186-D
 Surveying 2005008318-D
 Kansas
 Engineering E-1695
 Surveying LS-218
 Oklahoma
 Engineering 6254
 Nebraska
 Engineering CA2821

Project: OLDFHAM EAST
 Issue Date: December 9, 2025

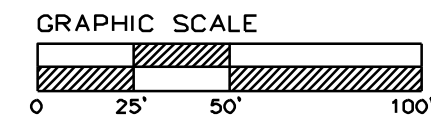
Oldham East
 Lee's Summit, Jackson County, Missouri

Site Plan and Street Sections
 Construction Plans for:
 Oldham East
 Lee's Summit, Jackson County, Missouri



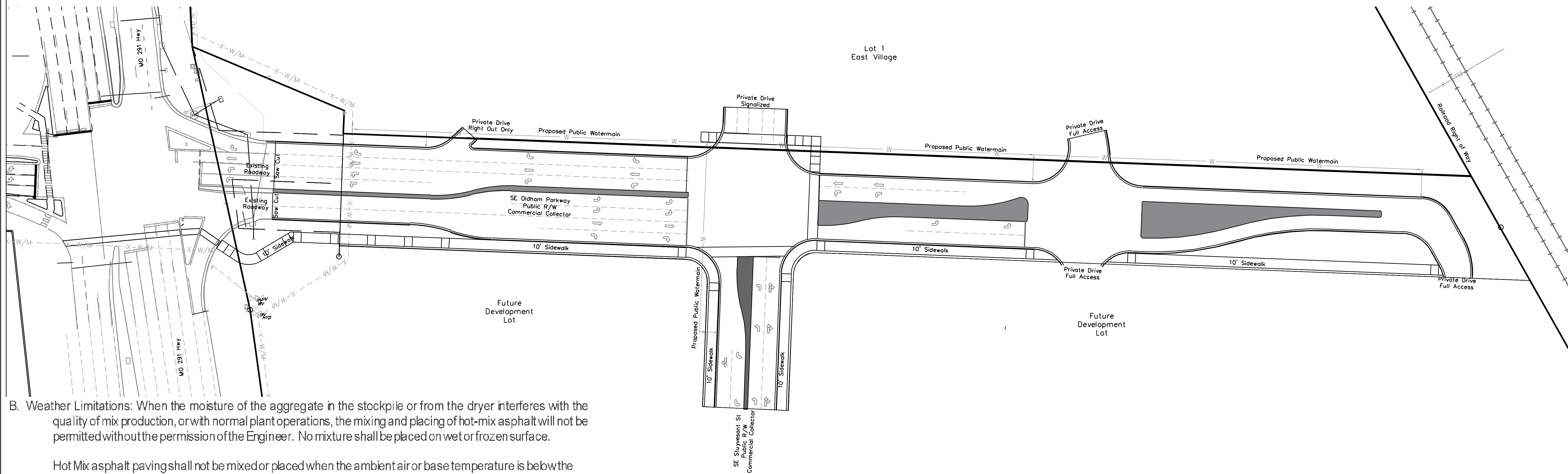
Matthew J. Schlicht
 MO PE 2006019708
 KS PE 19071
 OK PE 25226
 NE PE E-14335

REVISIONS



SITE PLAN AND STREET SECTIONS

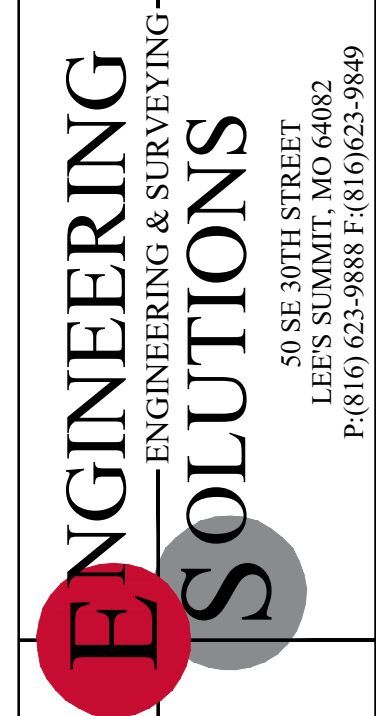
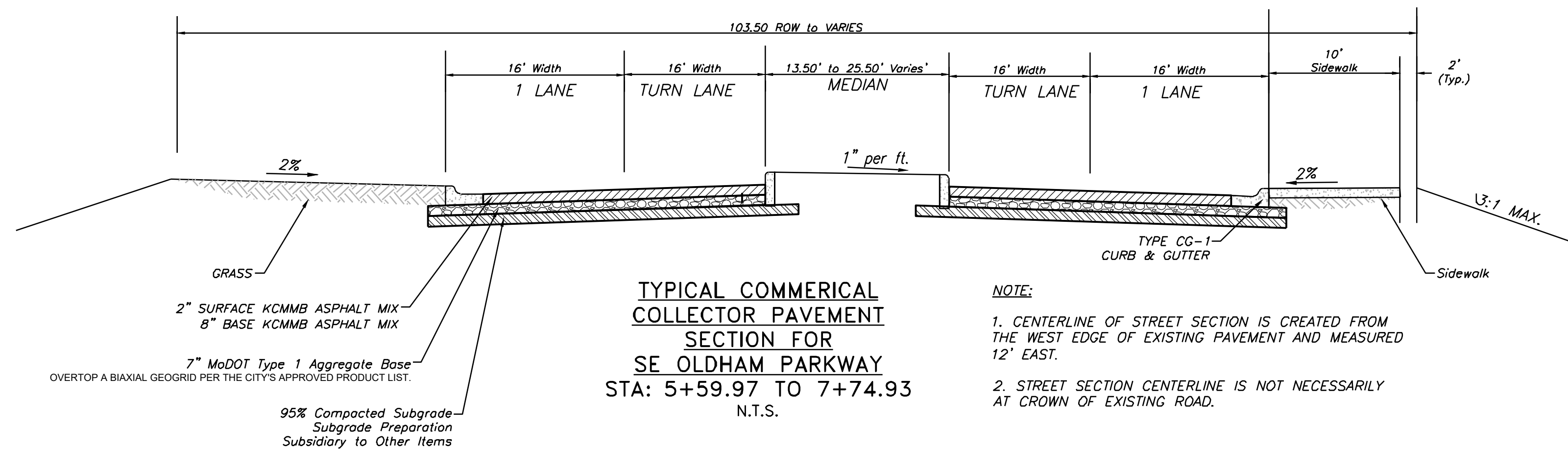
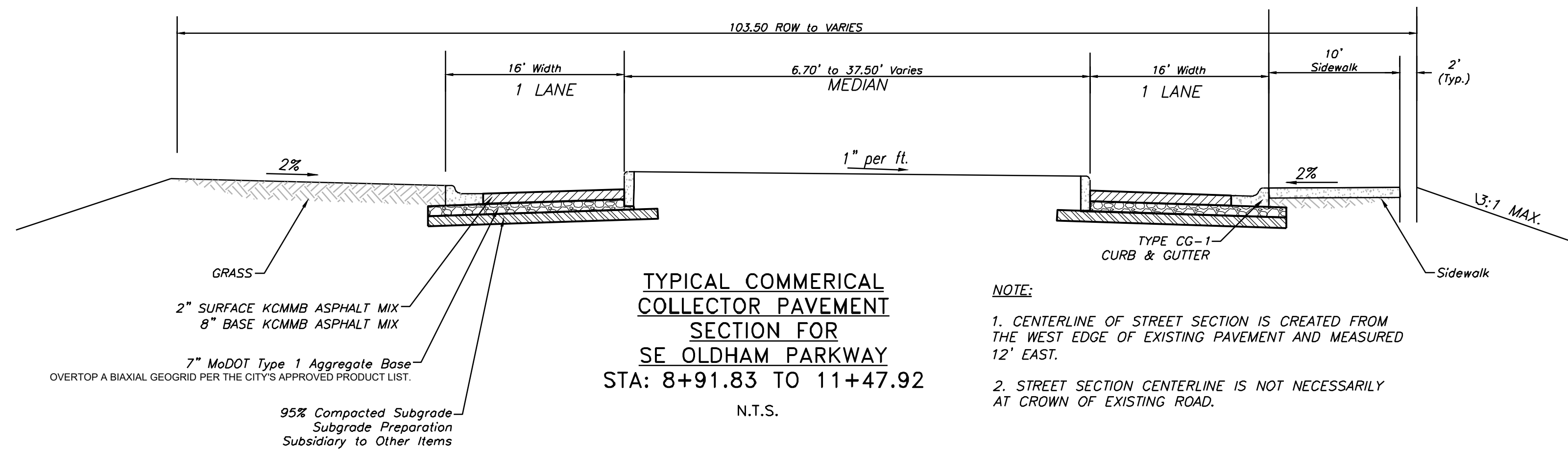
SCALE: 1" = 50'



B. Weather Limitations: When the moisture of the aggregate in the stockpile or from the dryer interferes with the quality of mix production, or with normal plant operations, the mixing and placing of hot-mix asphalt will not be permitted without the permission of the Engineer. No mixture shall be placed on wet or frozen surface.

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Paving Course	Thickness (inches)	Air Temperature (Degrees F)	Road Surface Temperature (Degrees F)
Surface	All	50	55
Base	Less than 3	40	45
Base	3 or more	30	35



Professional Registration
 Missouri
 Engineering 200502186-D
 Surveying 2005038318-D
 Kansas
 Engineering E-1695
 Surveying LS-218
 Oklahoma
 Engineering 6254
 Nebraska
 Engineering CA2821

Oldham East
 Lee's Summit, Jackson County, Missouri

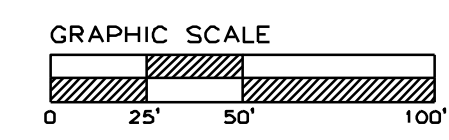
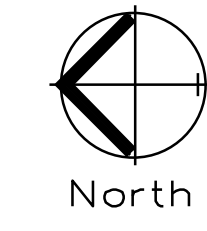
Project: Oldham East
 Issue Date: December 9, 2025

Site Plan and Street Sections
 Construction Plans for:
 Oldham East
 Lee's Summit, Jackson County, Missouri

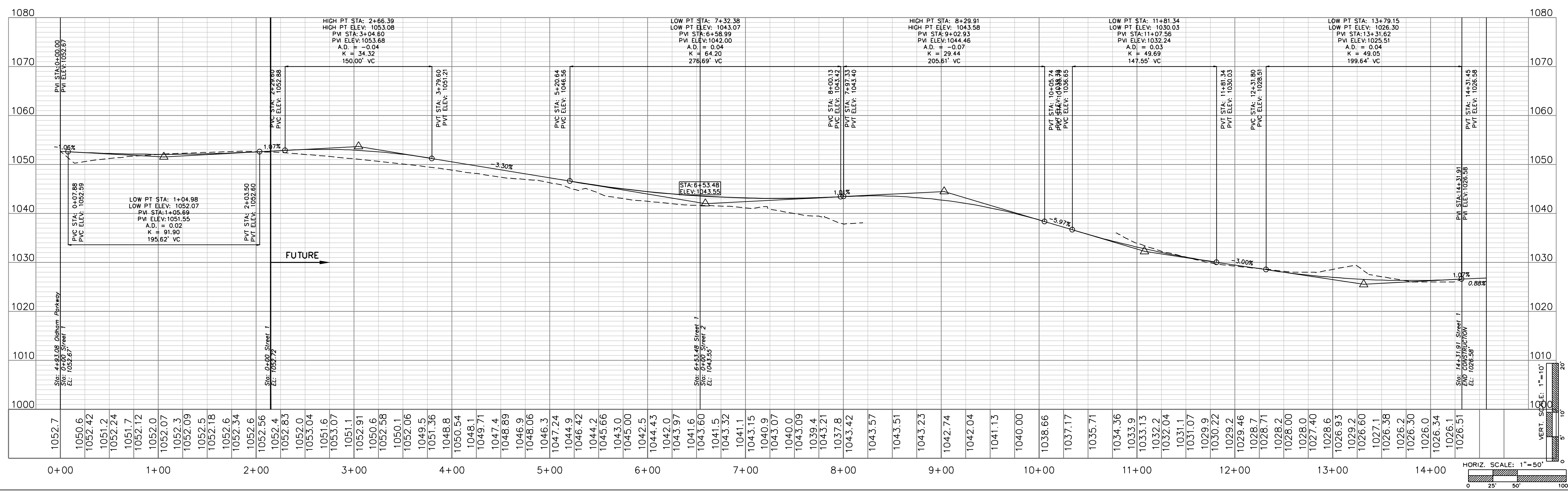
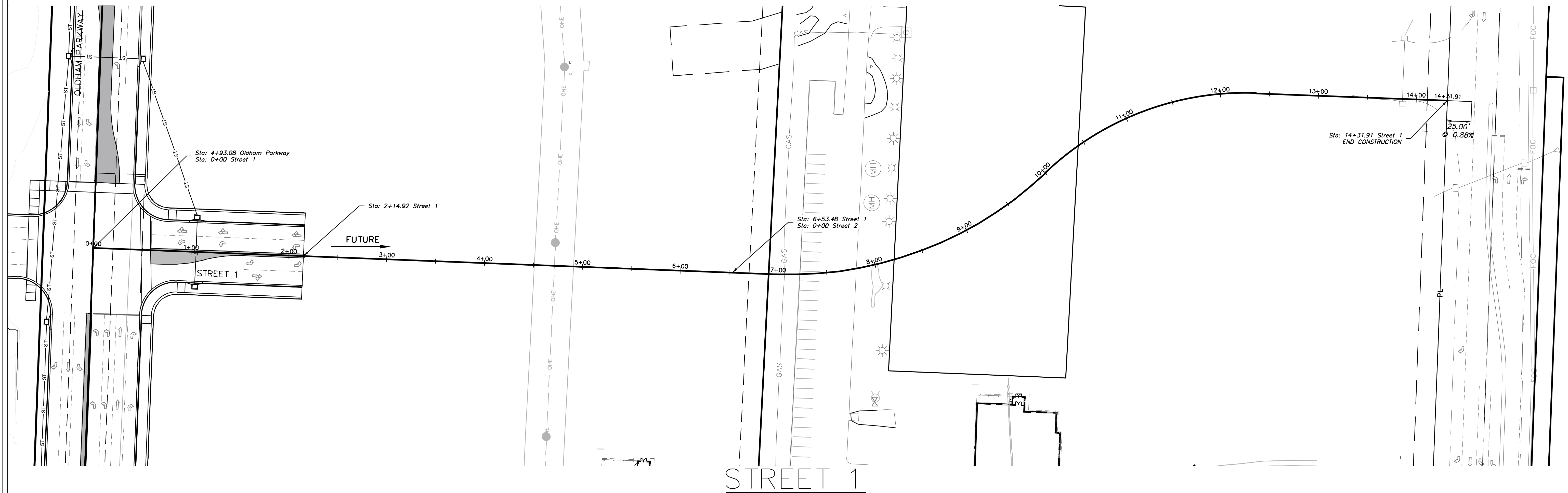


Matthew J. Schlicht
 MO PE 2006019708
 KS PE 19071
 OK PE 25226
 NE PE E-14335

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STREET PLAN & PROFILE
SCALE: 1" = 50'



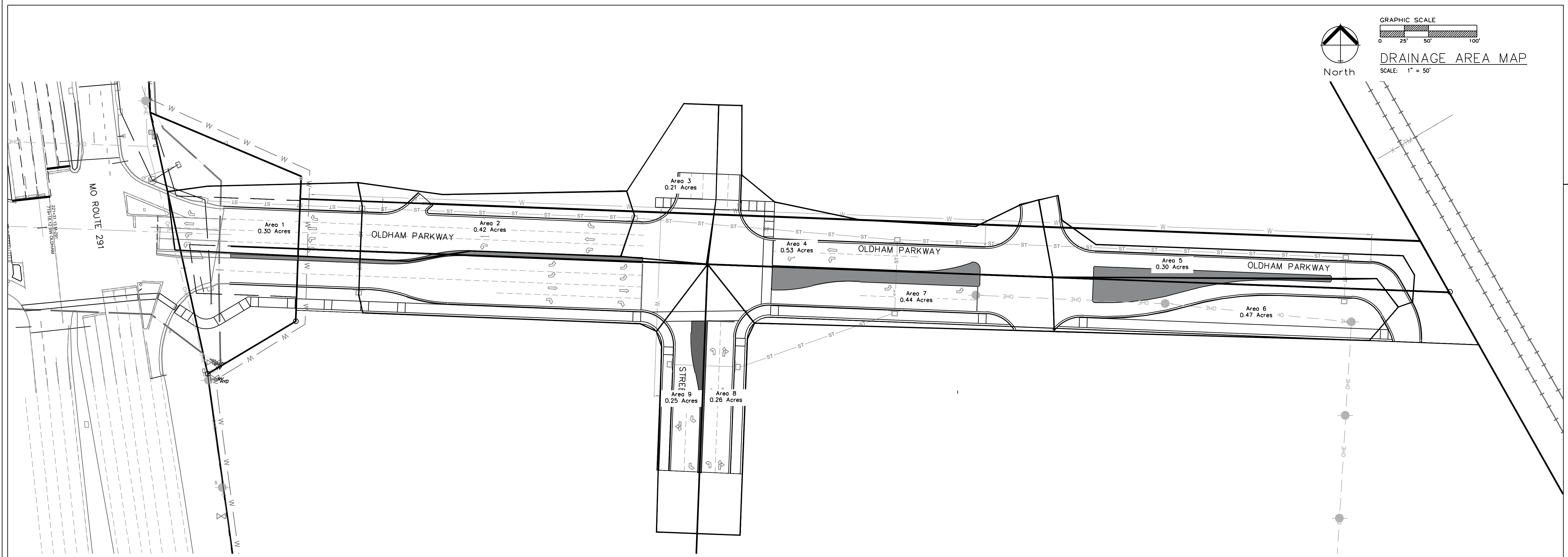
Professional Registration
Missouri
Engineering 200502186-D
Surveying 200503318-D
Kansas
Engineering E-1695
Surveying LS-218
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

Project: Oldham East
Issue Date: December 4, 2025
Oldham East
Lee's Summit, Jackson County, Missouri

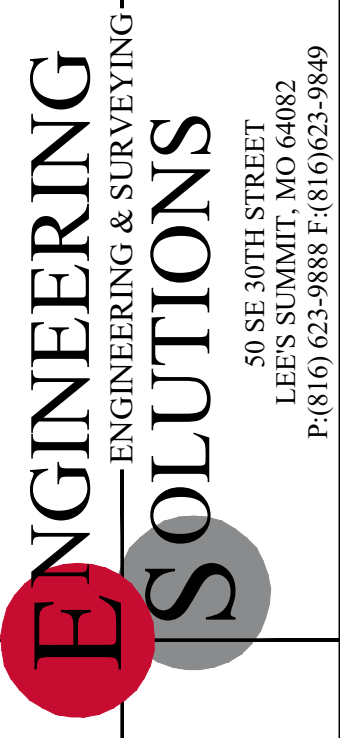
Street Plan and Profile
Construction Plans for:
Oldham East
Lee's Summit, Jackson County, Missouri



Matthew J. Schlicht
MO PE #2005019708
KS PE #19071
OK PE #25228
NE PE #E-14335
REVISIONS



10 Year																							
Line	ToLine	LineLength (ft)	Incr. Area (ac)	Total Area (ac)	RunoffCoeff. (C)	IncrCx A	TotalCx A	InletTime (min)	TimeConc (min)	RhfallInt (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)	Line ID
1	Outfall	58.34	0.3	3.68	0.9	0.27	3.31	9	13.5	5.5	18.19	18.19	26.3	5.78	30	0.41	1030	1030.24	1031.53	1031.77	1037.85	1036.79	Ex to 1-1
2	1	159.58	0.42	3.38	0.9	0.38	3.04	9	13.1	5.6	16.9	16.9	36.95	6.69	24	2.67	1030.74	1035	1032.26	1036.48	1036.79	1041.95	Line 1-1
3	2	291.57	0.21	2.46	0.9	0.19	2.21	9	12.3	5.7	12.62	12.62	16.22	5.71	24	0.51	1035.25	1036.75	1036.58	1038.07	1041.95	1053.39	Line 1-2
4	3	262.65	0.53	2.25	0.9	0.48	2.03	9	11.5	5.8	11.82	11.82	16.22	5.56	24	0.51	1037	1038.35	1038.33	1039.59	1053.39	1051.03	Line 1-3
5	4	463.7	0.3	0.77	0.9	0.27	0.69	9	9.2	6.3	4.35	4.35	7.48	3.45	18	0.51	1038.6	1040.95	1040.37	1041.76	1051.03	1045.33	Line 1-4
6	5	46.98	0.47	0.47	0.9	0.42	0.42	9	9	6.3	2.68	2.68	8.39	3.4	18	0.64	1041.45	1041.75	1042.22	1042.37	1045.33	1045.33	Line 1-5
7	4	77.15	0.44	0.95	0.9	0.4	0.86	9	10.1	6.1	5.21	5.21	18.21	3.22	24	0.65	1038.85	1039.35	1040.37	1040.15	1051.03	1051.03	Line 3-1
8	7	171.38	0.26	0.51	0.9	0.23	0.46	9	9.3	6.3	2.87	2.87	6.47	3.55	18	0.38	1039.85	1040.5	1040.55	1041.2	1051.03	1052.17	Line 3-2
9	8	70.95	0.25	0.25	0.9	0.23	0.23	9	9	6.3	1.42	1.42	12.47	3.77	18	1.41	1041	1042	1041.36	1042.45	1052.17	1052.17	Line 3-3
10	2	87.5	0.5	0.5	0.9	0.45	0.45	9	9	6.3	2.85	2.85	17.1	2.55	24	0.57	1035.25	1035.75	1036.48	1036.34	1041.95	1041.95	Line 2-1
100 Year																							
Line	ToLine	LineLength (ft)	Incr. Area (ac)	Total Area (ac)	RunoffCoeff. (C)	IncrCx A	TotalCx A	InletTime (min)	TimeConc (min)	RhfallInt (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)	Line ID
1	Outfall	58.34	0.3	3.68	0.9	0.27	3.31	9	12.9	10	33.19	33.19	26.3	6.76	30	0.41	1030	1030.24	1032.5	1032.88	1037.85	1036.79	Ex to 1-1
2	1	159.58	0.42	3.38	0.9	0.38	3.04	9	12.6	10.1	30.72	30.72	36.95	9.91	24	2.67	1030.74	1035	1033.55	1036.87	1036.79	1041.95	Line 1-1
3	2	291.57	0.21	2.46	0.9	0.19	2.21	9	11.9	10.3	22.78	22.78	16.22	7.25	24	0.51	1035.25	1036.75	1037.25	1040.21	1041.95	1053.39	Line 1-2
4	3	262.65	0.53	2.25	0.9	0.48	2.03	9	11.3	10.5	21.23	21.23	16.22	6.76	24	0.51	1037	1038.35	1038.95	1039.65	1053.39	1051.03	Line 1-3
5	4	463.7	0.3	0.77	0.9	0.27	0.69	9	9.3	11.1	7.71	7.71	7.48	4.37	18	0.51	1038.6	1040.95	1040.54	1041.9	1051.03	1045.33	Line 1-4
6	5	46.98	0.47	0.47	0.9	0.42	0.42	9	9	11.2	4.75	4.75	8.39	2.69	18	0.64	1041.45	1041.75	1042.35	1042.45	1045.33	1045.33	Line 1-5
7	4	77.15	0.44	0.95	0.9	0.4	0.86	9	10.8	10.6	9.08	9.08	18.21	2.89	24	0.65	1038.85	1039.35	1040.45	1040.35	1051.03	1051.03	Line 3-1
8	7	171.38	0.26	0.51	0.9	0.23	0.46	9	9.8	10.9	5.03	5.03	6.47	2.84	18	0.38	1039.85	1040.5	1040.75	1041.3	1051.03	1052.17	Line 3-2
9	8	70.95	0.25	0.25	0.9	0.23	0.23	9	9	11.2	2.53	2.53	12.47	1.43	18	1.41	1041	1042	1041.5	1042.55	1052.17	1052.17	Line 3-3
10	2	87.5	0.5	0.5	0.9	0.45	0.45	9	9	11.2	5.06	5.06	17.1	3.11	24	0.57	1035.25	1035.75	1036.87	1036.54	1041.95	1041.95	Line 2-1



Professional Registration
Missouri
Engineering 200502186-D
Surveying 2005038318-D
Kansas
Engineering E-1695
Surveying LS-218
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

Oldham East
Jackson County, Missouri
Lee's Summit, Jackson County, Missouri

Project: Oldham East
Issue Date: December 9, 2025

Drainage Area Map
Construction Plans for:
Oldham East
Lee's Summit, Jackson County, Missouri

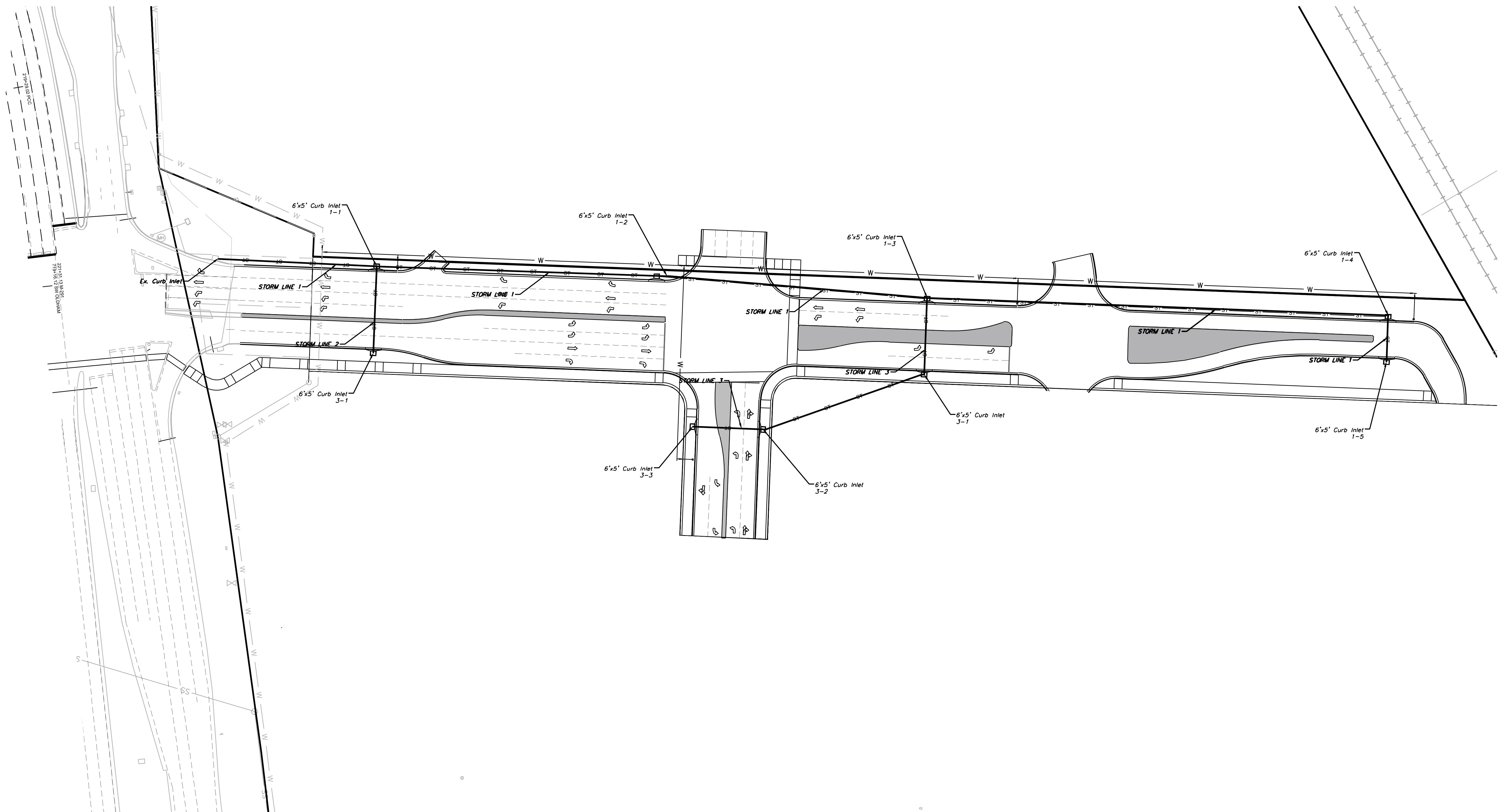
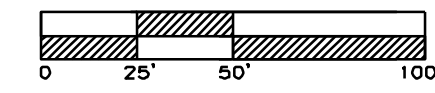


Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25226
NE PE E-14335

REVISIONS

STORM SEWER GENERAL LAYOUT

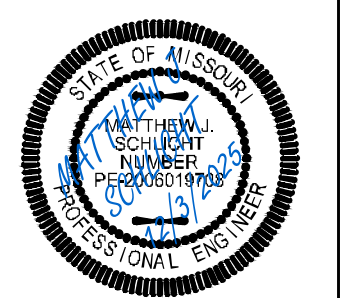
SCALE: 1" = 50'



Professional Registration
 Missouri
 Engineering 20050202186-D
 Surveying 2005008318-D
 Kansas
 Engineering E-1695
 Surveying LS-218
 Oklahoma
 Engineering 6254
 Nebraska
 Engineering CA2821

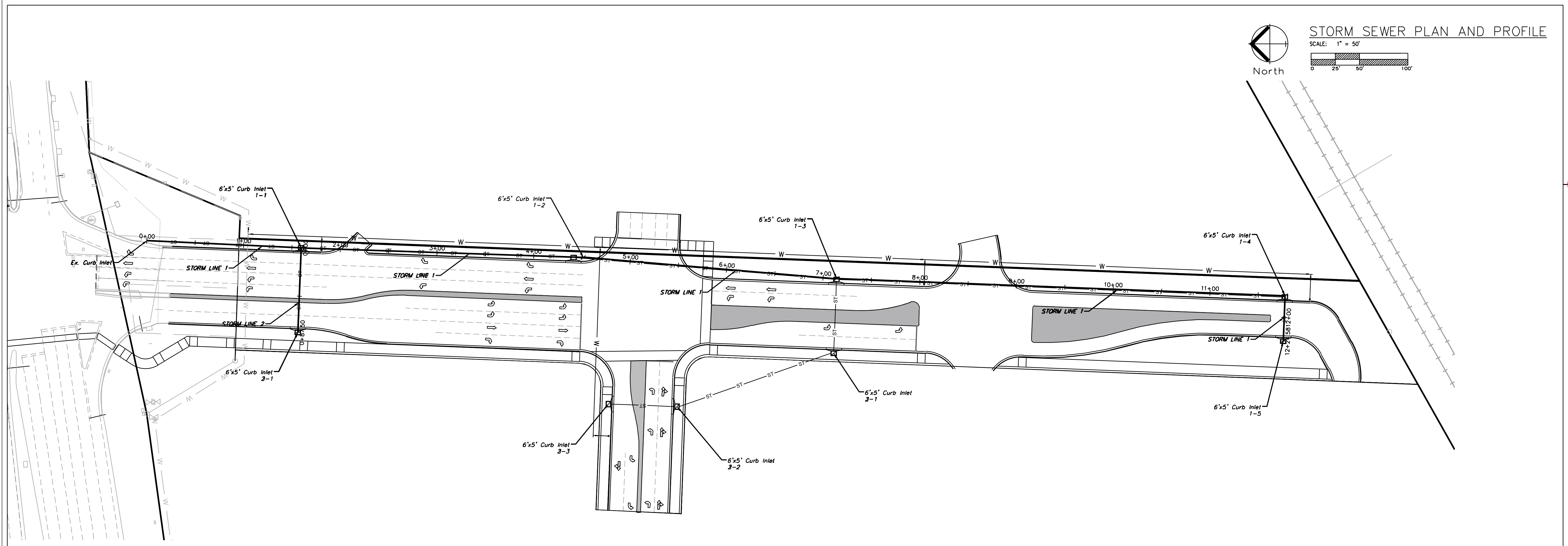
Project: OLDFHAM EAST
 Issue Date: December 9, 2025
 Oldham East
 Lee's Summit, Jackson County, Missouri

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

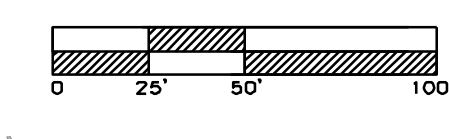
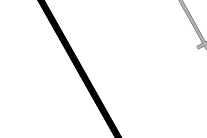


Matthew J. Schlicht
 MO PE 2006019708
 KS PE 19071
 OK PE 25226
 NE PE E-14335

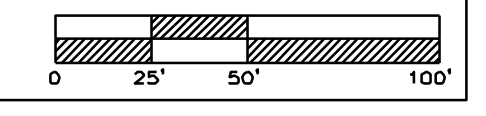
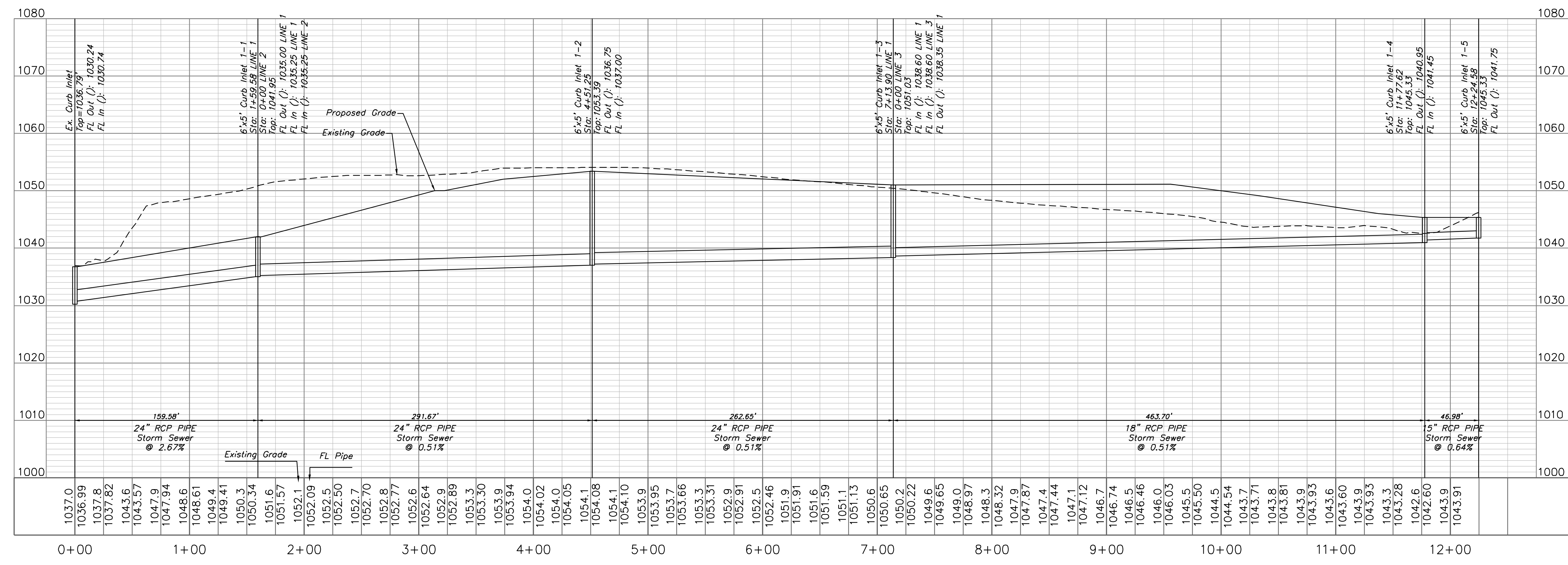
REVISIONS



STORM SEWER PLAN AND PROFILE
 SCALE: 1" = 50'



STORM LINE 1

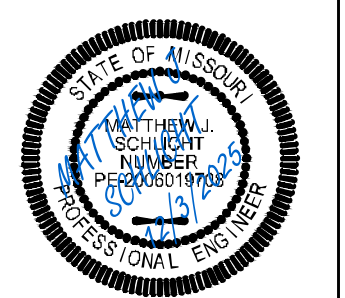


Professional Registration
 Missouri
 Engineering 200502186-D
 Surveying 2005008318-D
 Kansas
 Engineering E-1695
 Surveying LS-218
 Oklahoma
 Engineering 6264
 Nebraska
 Engineering CA2821

Project: Oldham East
 Issue Date: December 3, 2025

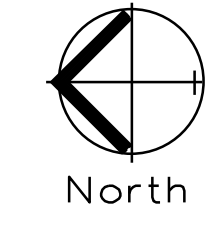
Oldham East
 Lee's Summit, Jackson County, Missouri

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

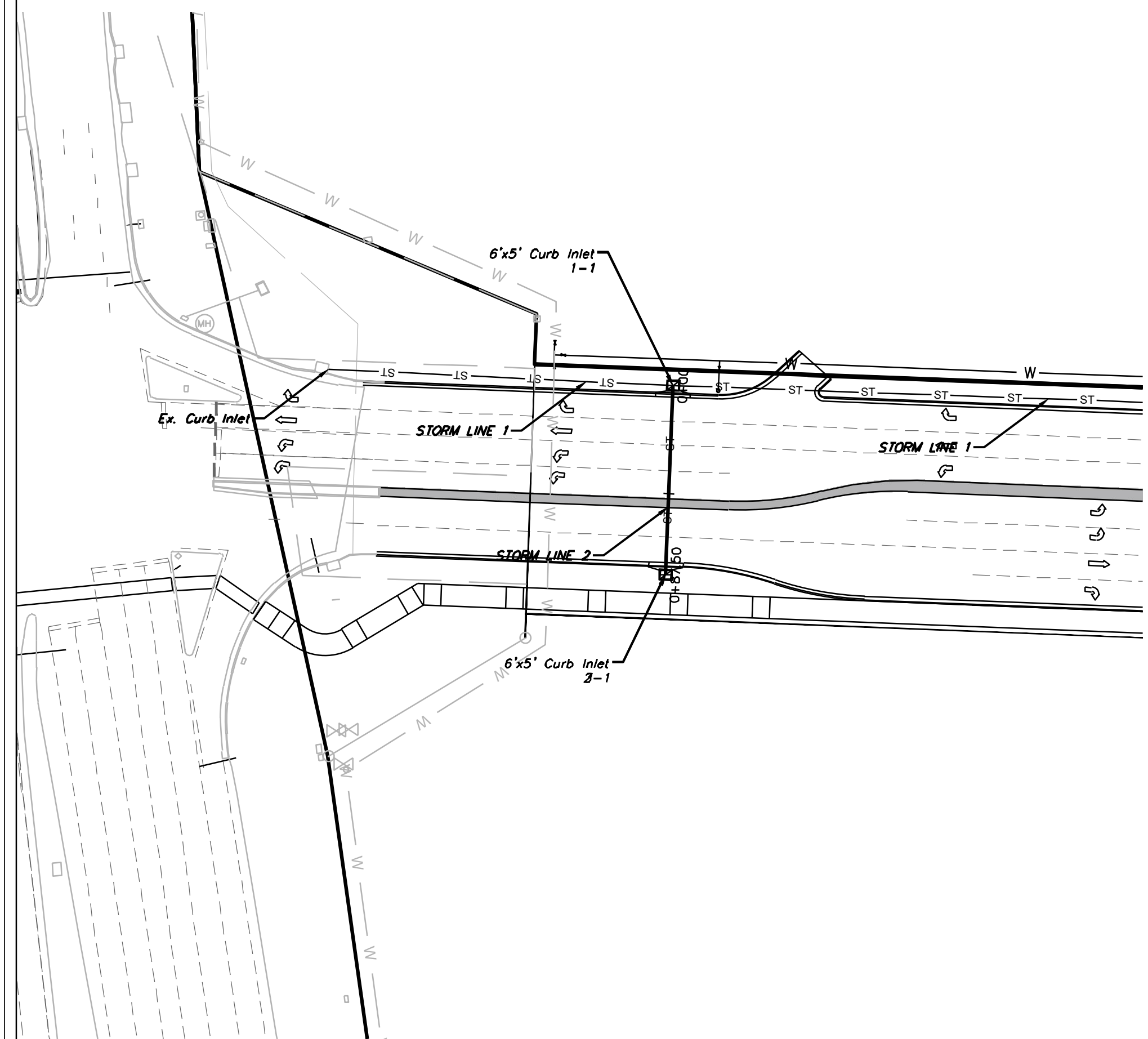
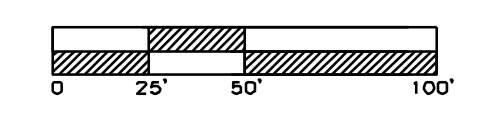


Matthew J. Schlicht
 MO PE 2006019708
 KS PE 19071
 OK PE 25228
 NE PE E-14335

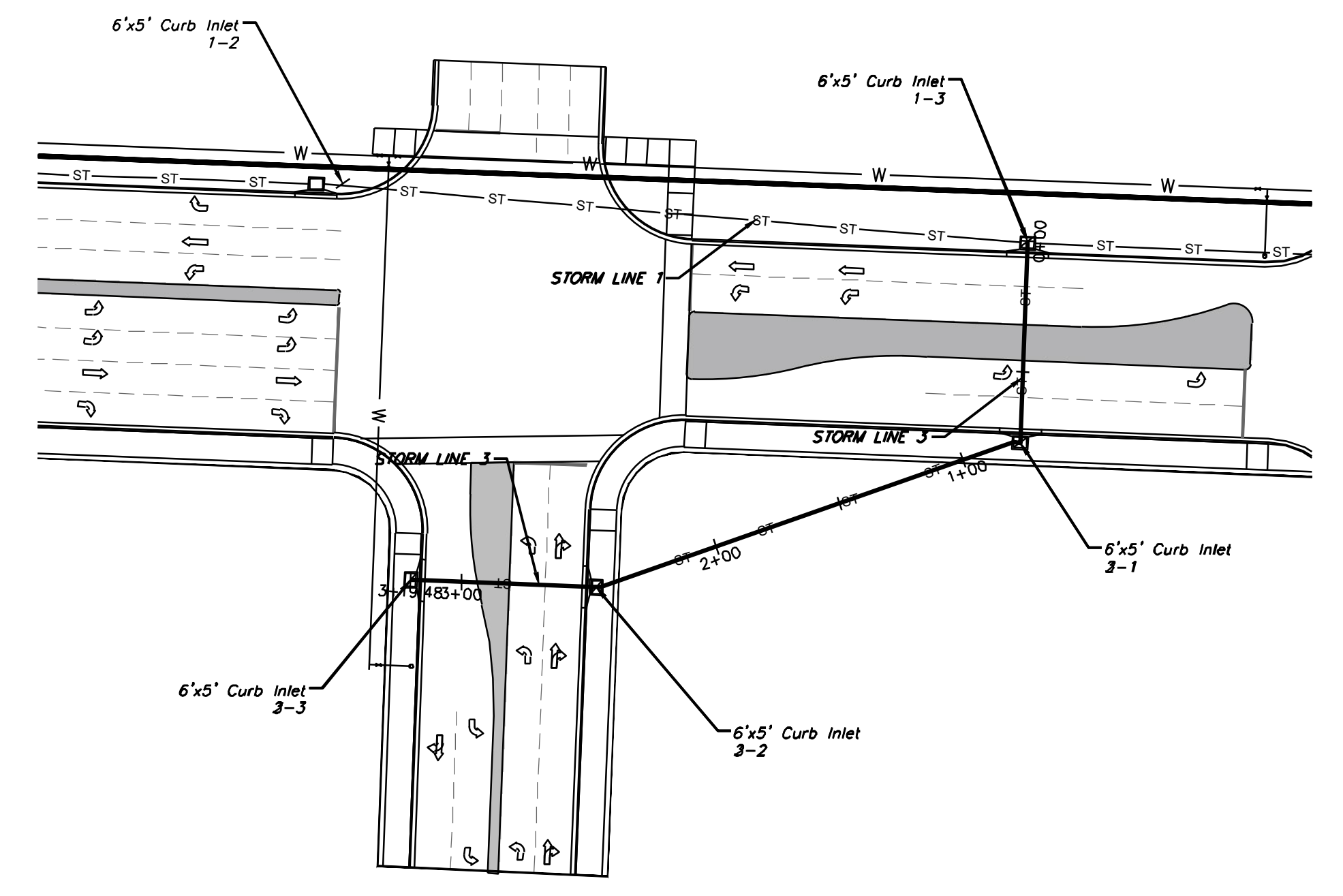
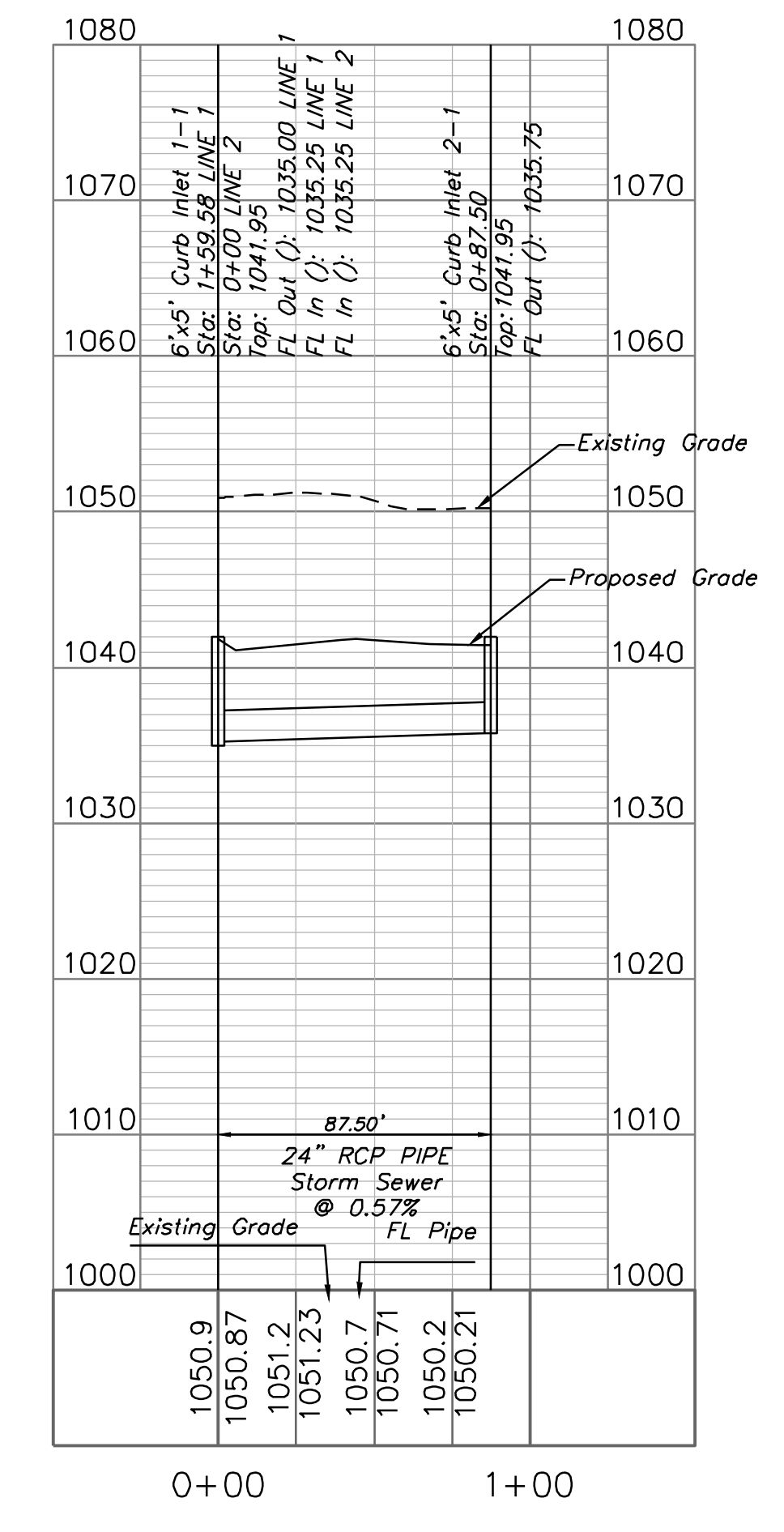
REVISIONS



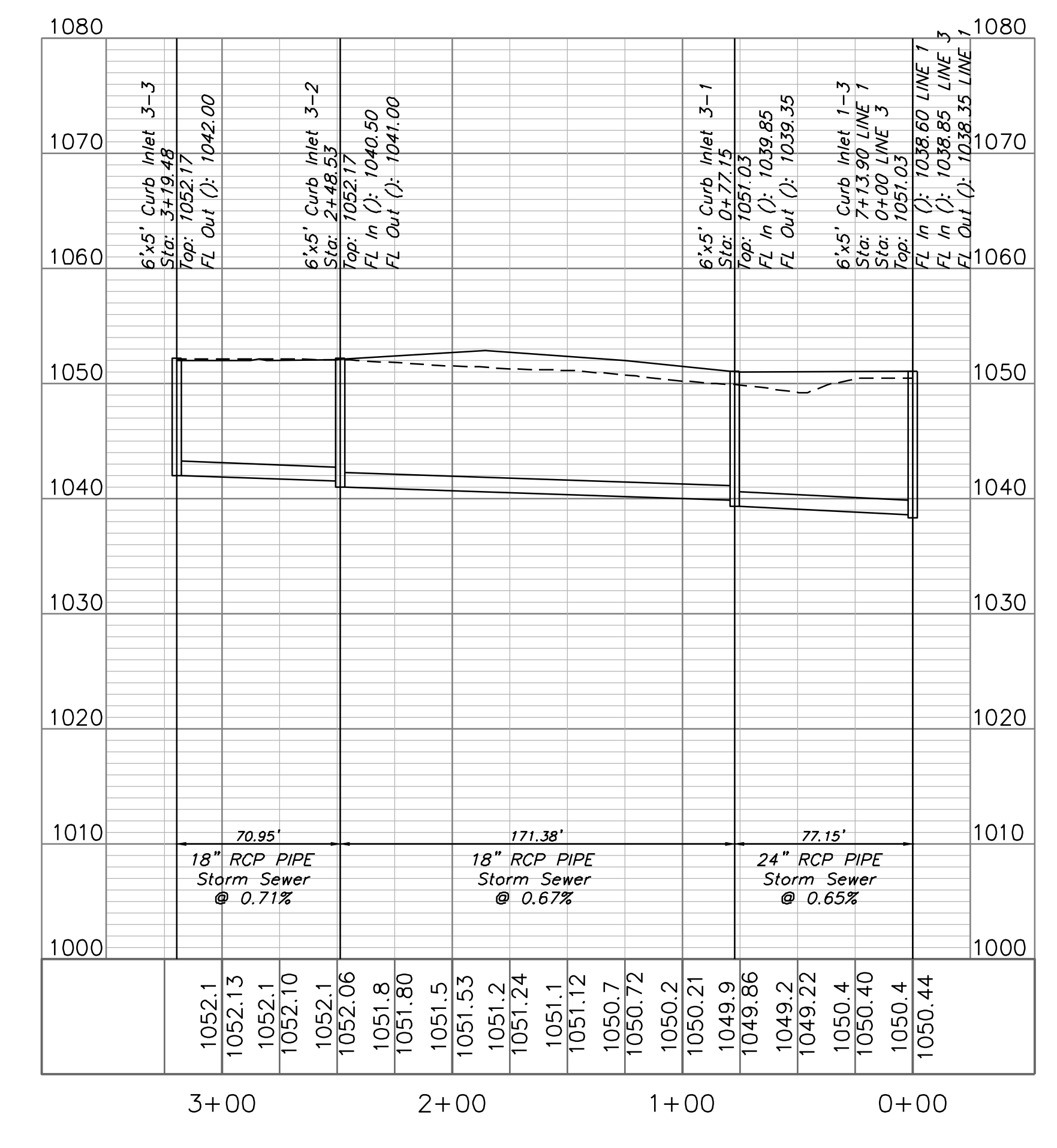
STORM SEWER PLAN AND PROFILE



STORM LINE 2



STORM LINE 3

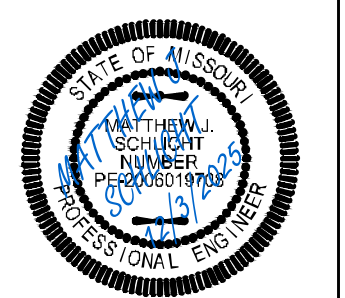


ENGINEERING & SURVEYING
SOLUTIONS
50 SE 30TH STREET
LEES SUMMIT, MO 64082
P: (816) 623-9888 F: (816) 623-9849

Professional Registration
Missouri
Engineering 200502186-D
Surveying 2005008318-D
Kansas
Engineering E-1695
Surveying LS-218
Oklahoma
Engineering 6264
Nebraska
Engineering CA2821

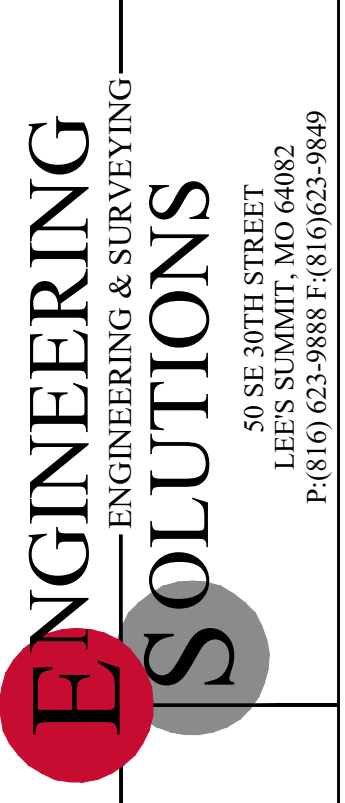
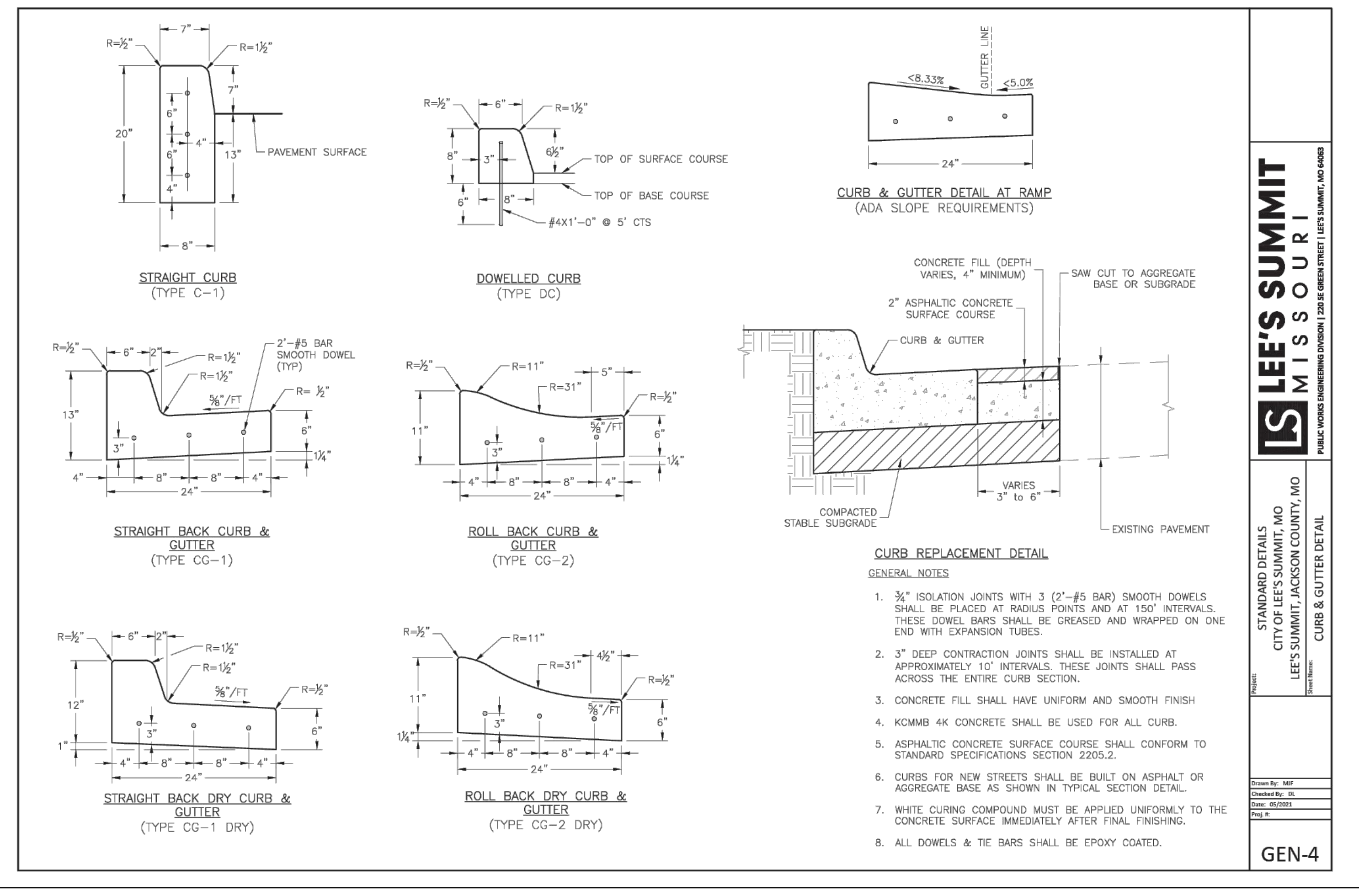
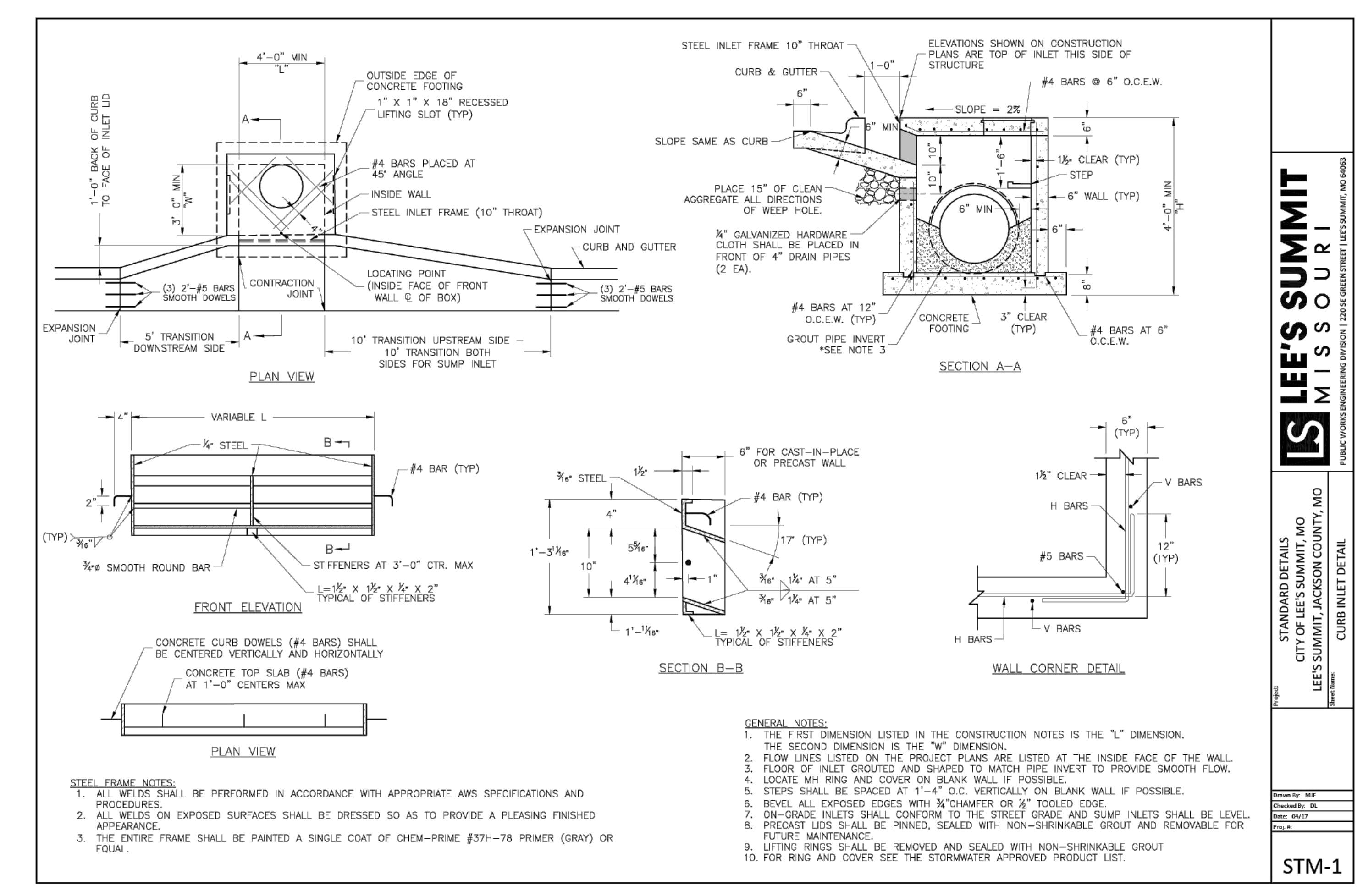
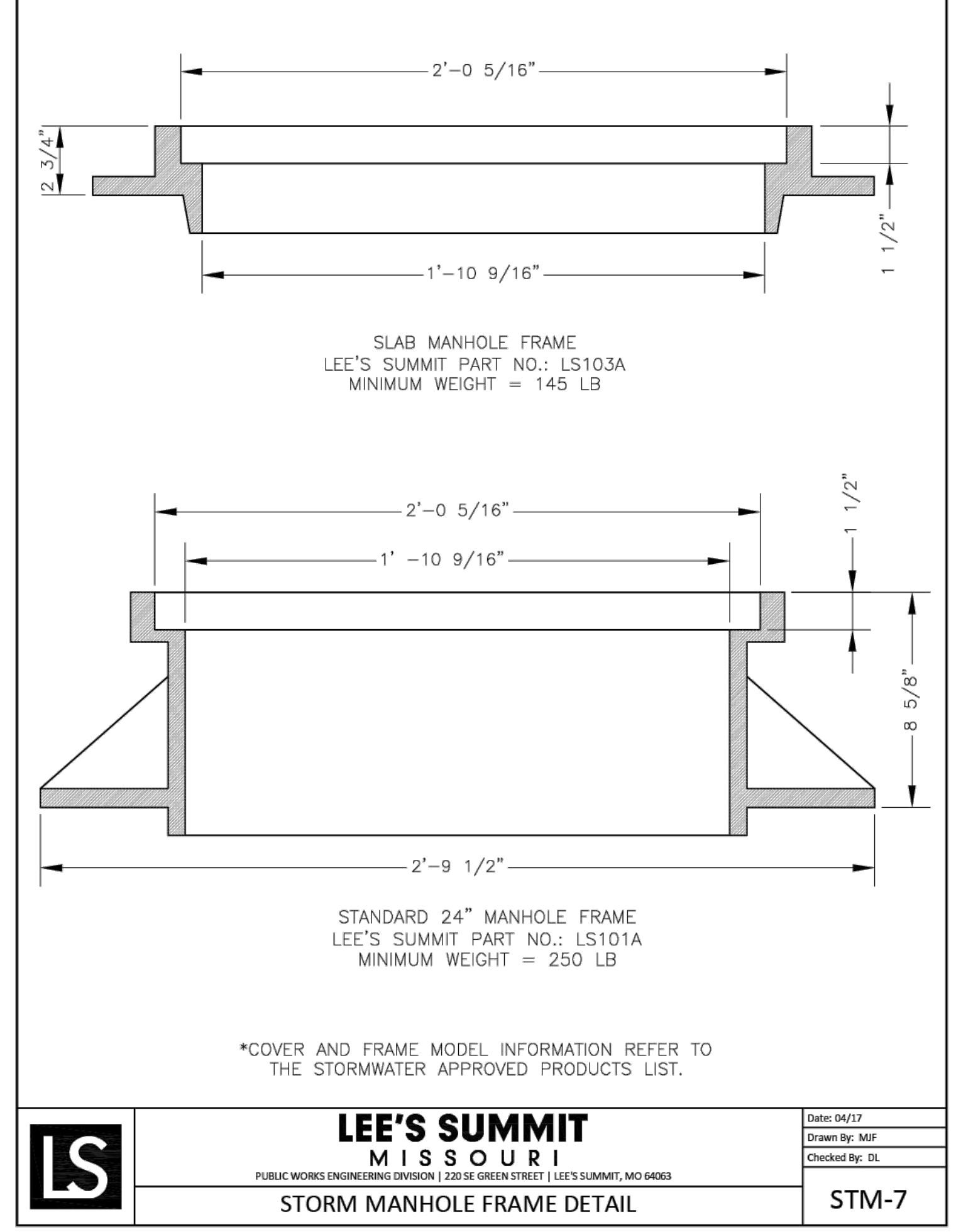
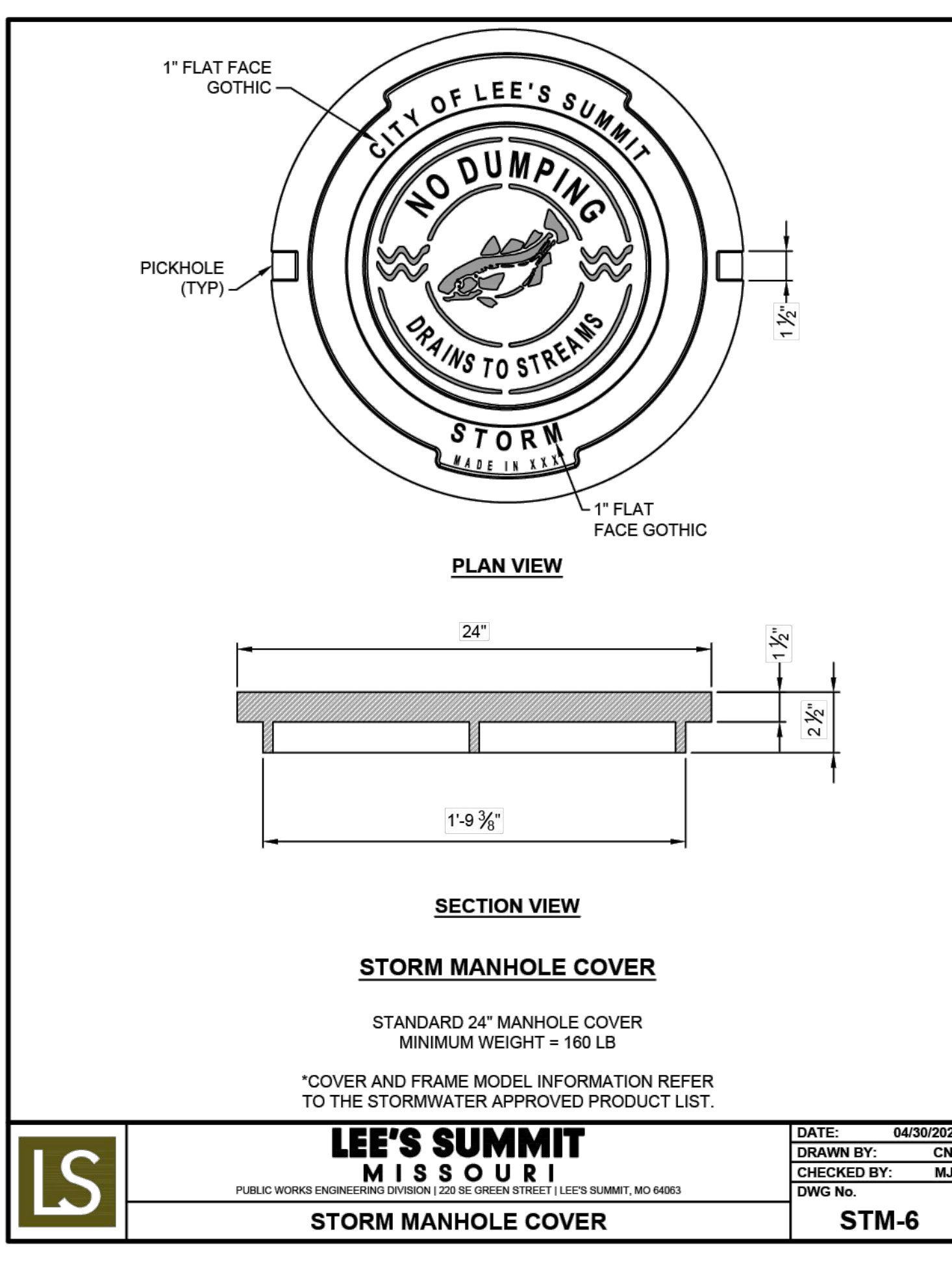
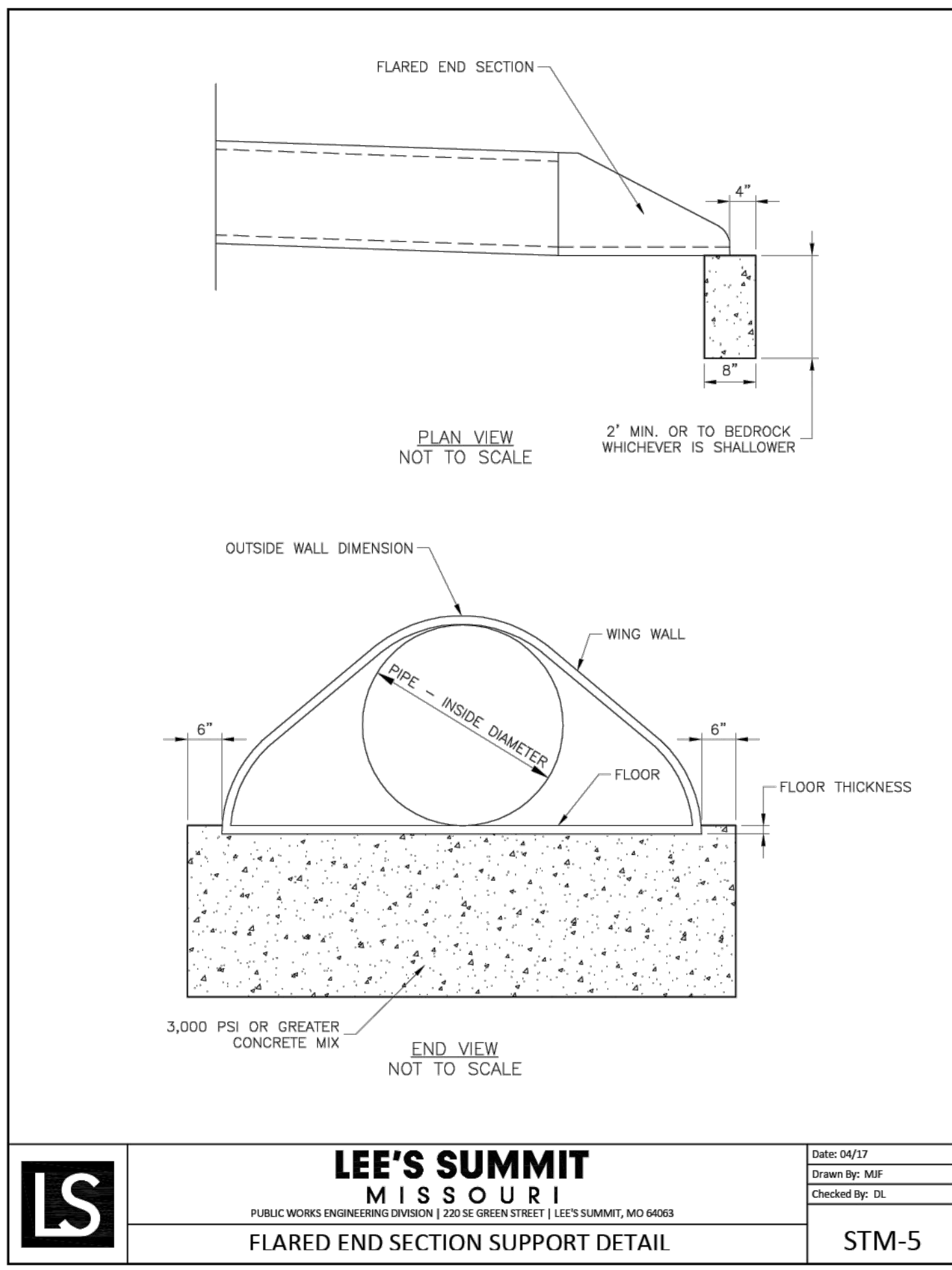
Project: Oldham East
Issue Date: December 3, 2025

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



Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25228
NE PE E-14335

REVISIONS

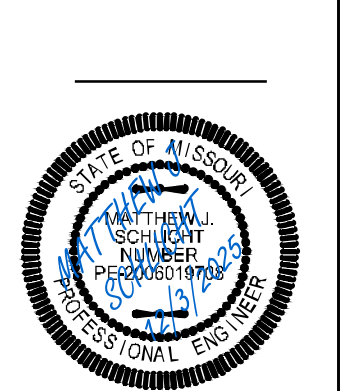


Professional Registration
Missouri
Engineering 200502186-D
Surveying 2005008318-D
Kansas
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Surveying LS-218
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Engineering 6264
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Engineering CA2821

Oldham East
Lee's Summit, Jackson County, Missouri

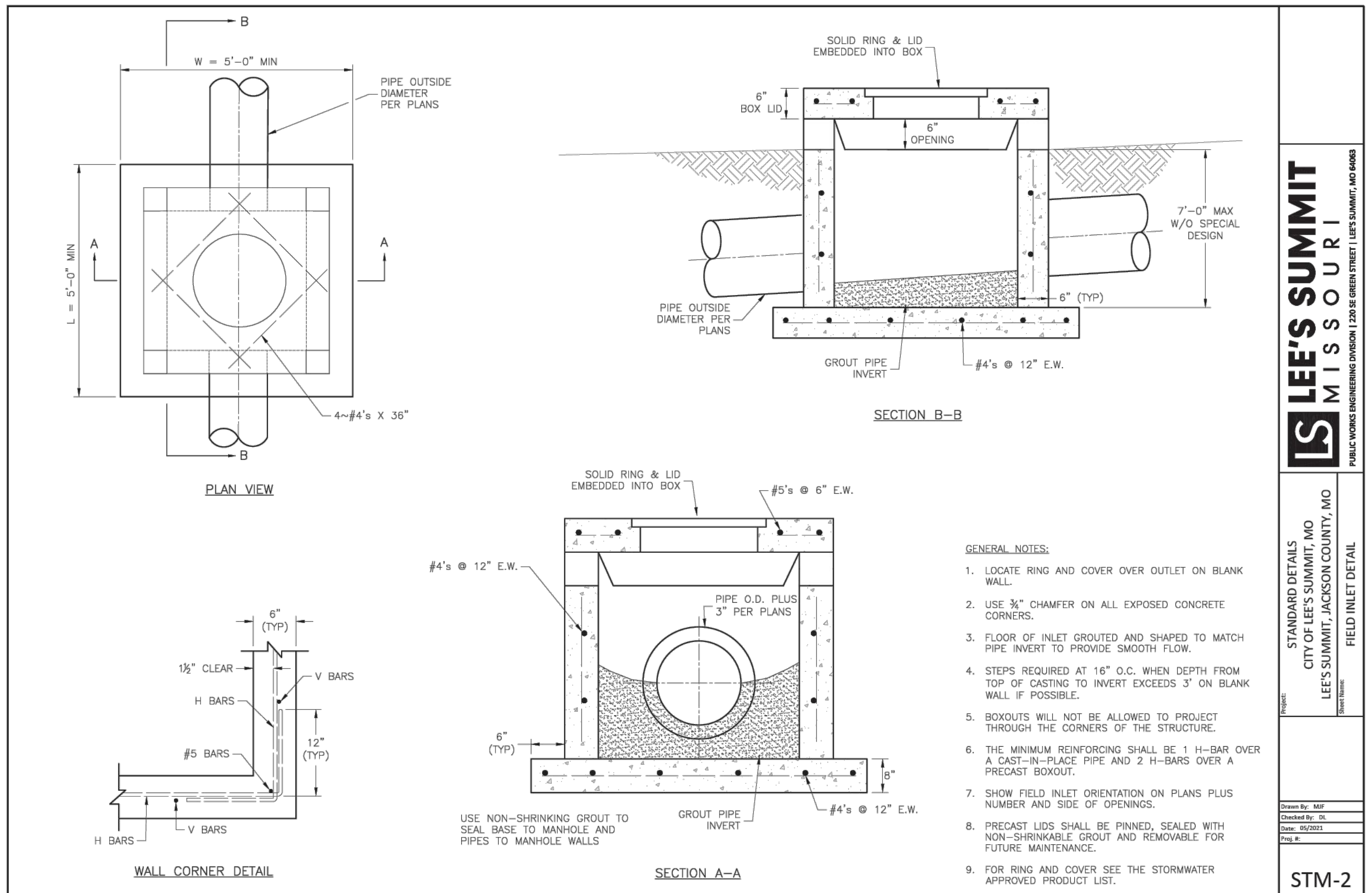
Project: GUPHAM EAST
Issue Date: December 3, 2025

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



Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25228
NE PE E-14335

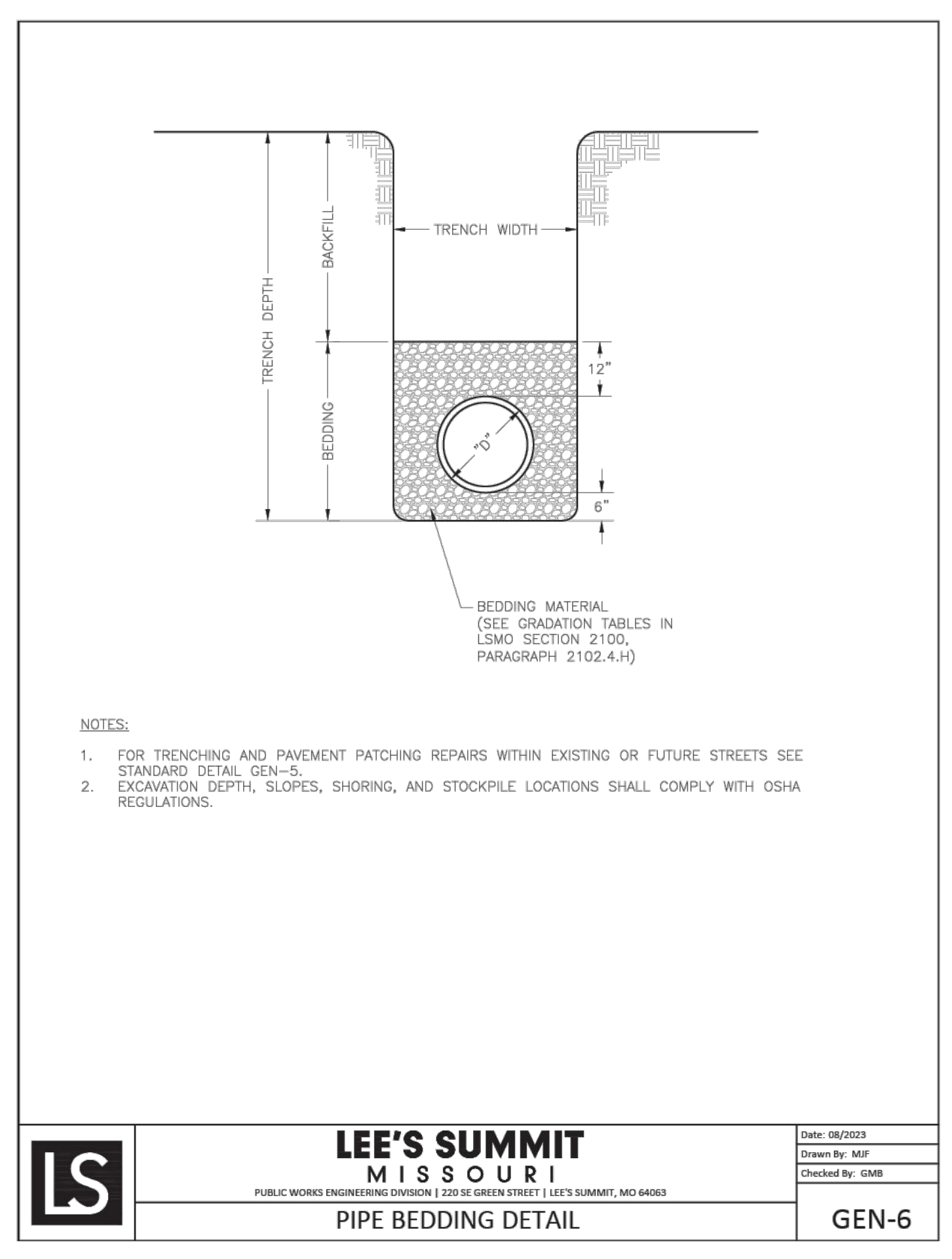
REVISIONS



LEE'S SUMMIT MISSOURI
PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64082

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

FIELD INLET DETAIL
STM-2



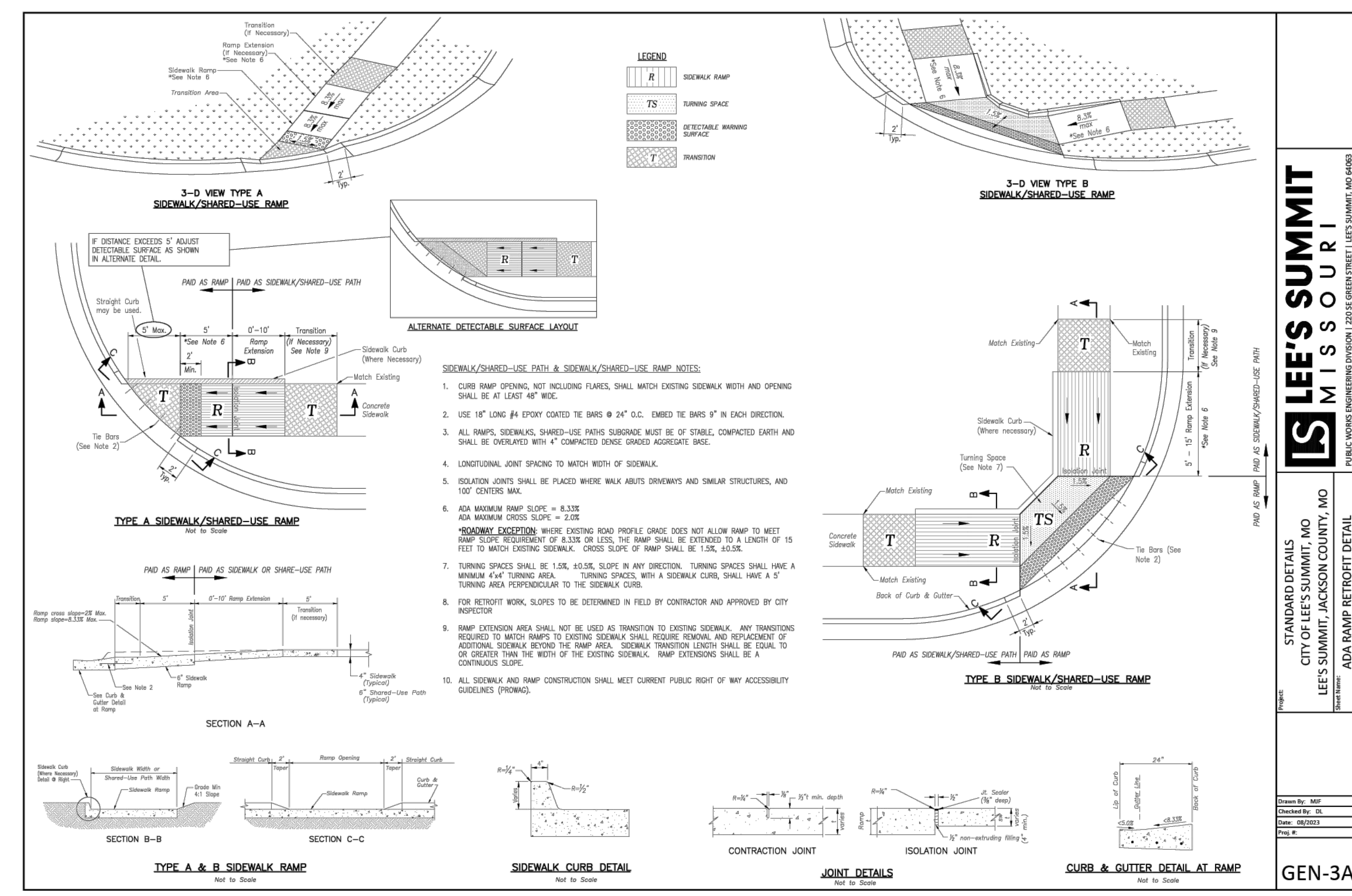
LEE'S SUMMIT MISSOURI
PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64082

GEN-6



Professional Registration
Missouri
Engineering 2005002186-D
Surveying 2005003819-D
Kansas
Engineering E-1695
Surveying LS-218
Oklahoma
Engineering 6264
Nebraska
Engineering CA2821

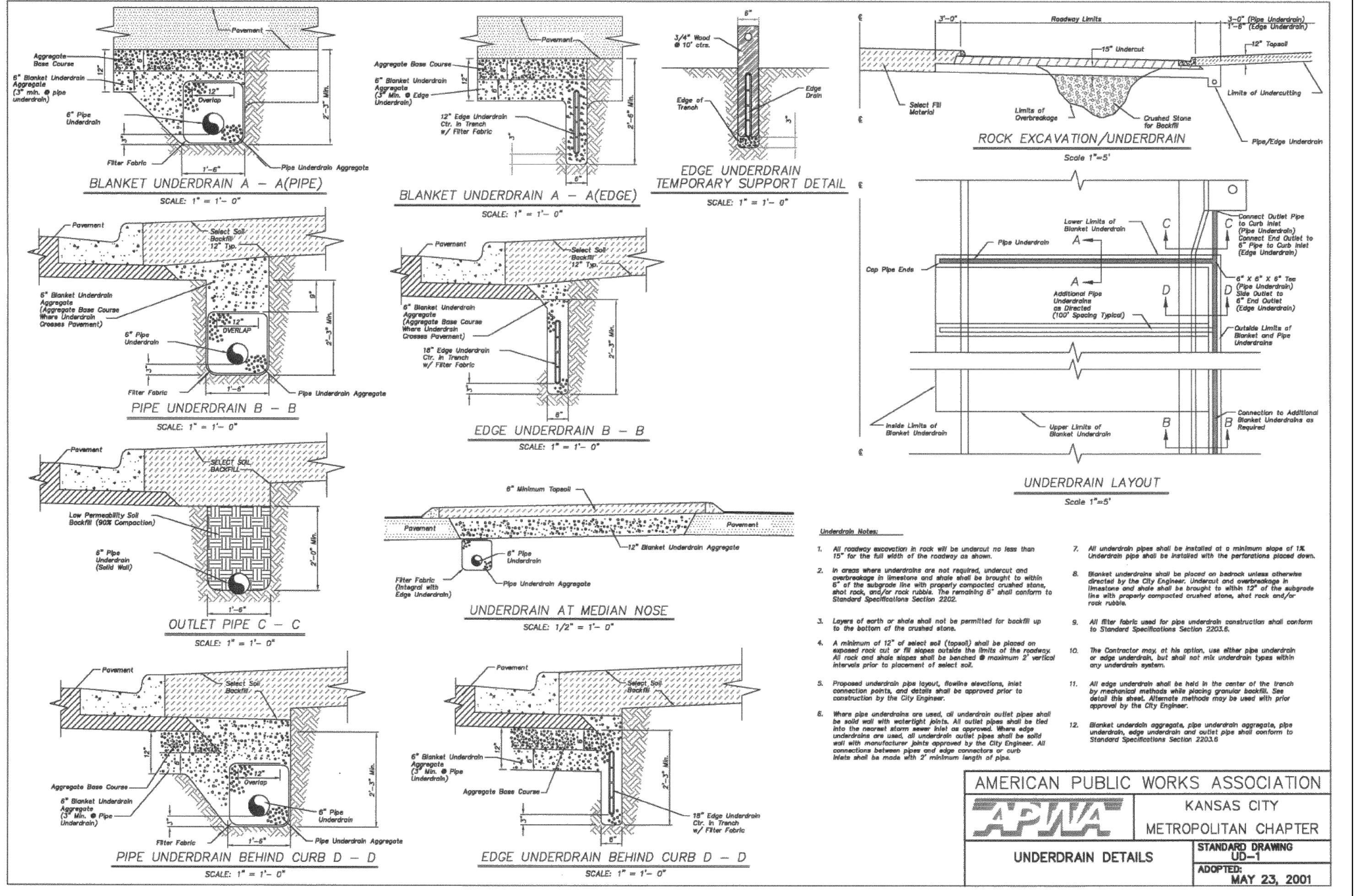
Oldham East
Lee's Summit, Jackson County, Missouri



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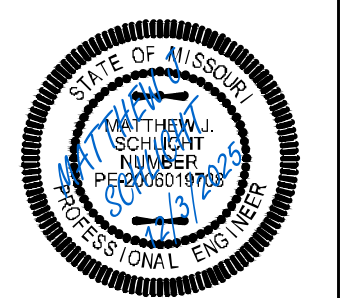
ADA RAMP RETROFIT DETAIL
GEN-3A



AMERICAN PUBLIC WORKS ASSOCIATION
APWA KANSAS CITY METROPOLITAN CHAPTER
UNDERDRAIN DETAILS
STANDARD DRAWING UD-1
ADOPTED: MAY 23, 2001

Project: OLDHAM EAST
Issue Date: December 3, 2025

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



Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25228
NE PE E-14335

REVISIONS
