

NOTES: The Land Disturbance Plans indicates the Final placement of erosion control devices. The contractor(s) may proceed with construction prior to the final placement of these devices by providing additional devices to control erosion on their items of work. These devices shall be maintained until the final devices are in place.

SF-1
SILT FENCE PROTECTION
TO BE MAINTAINED BY CONTRACTOR

LEGEND			
PHASE 1 SILT FENCE	— SF-1 —	— SF-1 —	
PHASE 2 SILT FENCE	— SF-2 —	— SF-2 —	

DURING ALL PHASES OF CONSTRUCTION, INACTIVE AREA STABILIZATION METHODS AS DESCRIBED IN APWA SECTION 5111.3 SHALL BE USED TO CONTROL EROSION AND SILTATION.



Record Drawing

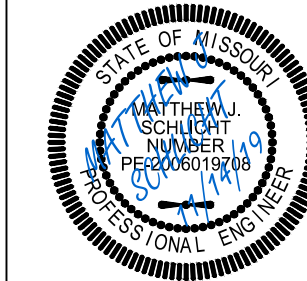
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ENGINEERING & SURVEYING
SOLUTIONS
50 SE 30TH STREET
LEES SUMMIT, MO 64082
P: (816) 623-9888 F: (816) 623-9849

Professional Registration
Missouri
Engineering 2005002188-D
Surveying 2005000519-D
Kansas
Engineering E-1695
Surveying LS-218
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

Project AT
STONEY CREEK
3RD
Issue Date
July 18, 2017

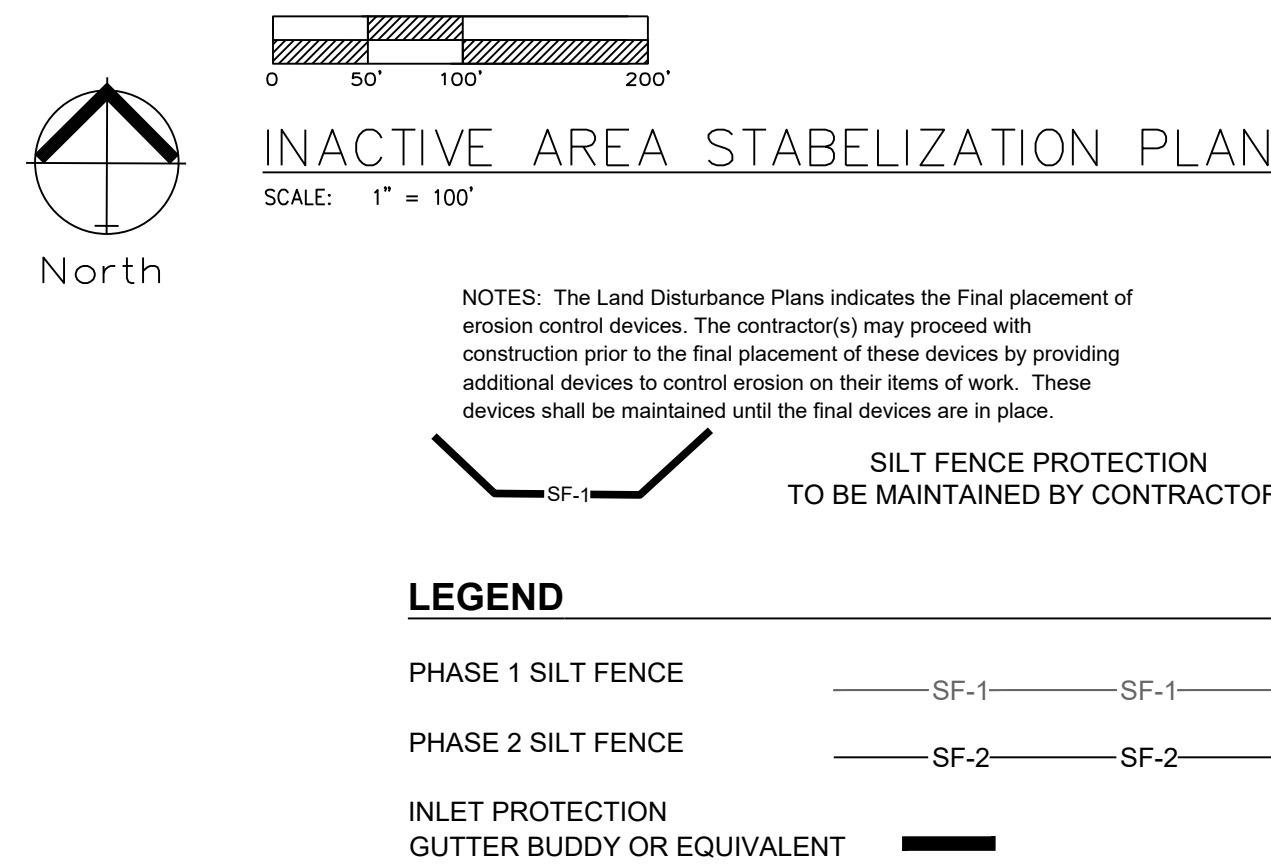
ESC PHASE 1 - Pre Clearing Plan
Construction Plans for:
The Manor at Stoney Creek - 3rd Plat
Lee's Summit, Jackson County, Missouri



Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25226

REVISIONS	
9/24/19	- As-Built
11/7/19	- As-Built
11/14/19	- As-Built

C.050



DURING ALL PHASES OF CONSTRUCTION,
INACTIVE AREA STABILIZATION METHODS AS
DESCRIBED IN APWA SECTION 5111.3 SHALL BE
USED TO CONTROL EROSION AND SILTATION.

MAINTENANCE:

TO MAINTAIN THE EROSION AND SEDIMENT CONTROLS, THE FOLLOWING PROCEDURES WILL BE PERFORMED:

- SEDIMENT CAPTURE DEVICES:** SEDIMENT WILL BE REMOVED FROM THE UPSTREAM OR UPSLOPE SIDE OF THE FILTER FABRIC FENCES, WHEN THE DEPTH OF ACCUMULATED SEDIMENT REACHES ABOUT ONE-THIRD THE HEIGHT OF THE STRUCTURE.
- STORM SEWER INLETS:** ANY SEDIMENT IN THE STORM SEWER INLETS WILL BE REMOVED AND DISPOSED OF PROPERLY.
- TEMPORARY CONTROLS:** ALL TEMPORARY CONTROLS WILL BE REMOVED AFTER THE DISTURBED AREAS HAVE BEEN STABILIZED.

INSPECTION PROCEDURES:

INSPECTIONS WILL BE DONE BY THE RESPONSIBLE PERSON(S) AT LEAST ONCE EVERY WEEK AND WITHIN 24 HOURS EACH STORM EVENT PRODUCING ANY AMOUNT OF RAINFALL. AREAS THAT HAVE BEEN RESEEDED WILL BE INSPECTED REGULARLY AFTER SEED GERMINATION TO ENSURE COMPLETE COVERAGE OF EXPOSED AREAS. DISTURBED AREAS THAT HAVE NOT BEEN FULLY STABILIZED SHALL HAVE ALL POLLUTION CONTROL MEASURES INSPECTED FOR PROPER INSTALLATION, OPERATION AND MAINTENANCE. LOCATIONS WHERE STORM WATER LEAVES THE SITE SHALL BE INSPECTED FOR EROSION OR SEDIMENT DEPOSITION. ANY DEFICIENCIES SHALL BE NOTED IN A REPORT TO THE INSPECTION AND CORRECTED WITHIN SEVEN CALENDAR DAYS OF THE INSPECTION. THE PERMITTEE SHALL PROMPTLY NOTIFY THE SITE CONTRACTORS RESPONSIBLE FOR OPERATION AND MAINTENANCE OF POLLUTION CONTROL DEVICES OF DEFICIENCIES.

IF THE EXISTING GROUND COVER IS NATURAL GRASS, DISTURBED AREAS SHALL BE TEMPORARILY SEEDED WITH WHEAT/RYE AT A RATE OF 15 POUNDS PER 1000 SQUARE FEET. PERMANENT SEEDED SHALL CONSIST OF 90% IN THREE EQUAL PARTS OF THIN BLADE, TURF-TYPE, TALL FESCUE AND 10% BLUEGRASS SEED AT A RATE OF 10 POUNDS PER 1000 SQUARE FEET. BOTH TEMPORARY AND PERMANENT SEEDED AREAS SHALL BE MULCHED AND WATERED TO MAINTAIN THE PROPER MOISTURE LEVEL OF THE SOIL TO ESTABLISH GRASS. NEW GRASS SHALL BE WATERED AND MAINTAINED UNTIL IT REACHES A HEIGHT OF 3 INCHES. ANY BARE AREAS SHALL BE RESEEDED.

ALL EROSION CONTROL DEVICES SHALL BE REMOVED BY GENERAL CONTRACTOR AFTER SITE STABILIZATION IS COMPLETE AND APPROVED BY ENGINEER.

THE DEVELOPER WILL DESIGNATE A QUALIFIED PERSON OR PERSONS TO PERFORM THE FOLLOWING INSPECTIONS:

STABILIZATION MEASURES: DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION WILL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. AFTER A PORTION OF THE SITE IS FINALLY STABILIZED, INSPECTIONS WILL BE CONDUCTED AT LEAST ONCE EVERY MONTH THROUGHOUT THE LIFE OF THE PROJECT. CONTRACTOR CAN CONTACT ENGINEERING SOLUTIONS FOR COPIES OF THE INSPECTION FORM TO BE USED FOR STABILIZATION

STRUCTURAL CONTROLS: FILTER FABRIC FENCES AND ALL OTHER EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN WILL BE INSPECTED REGULARLY FOR PROPER POSITIONING, ANCHORING, AND EFFECTIVENESS IN TRAPPING SEDIMENTS. SEDIMENT WILL BE REMOVED FROM THE UPSTREAM OR UPSLOPE SIDE OF THE FILTER FABRIC. CONTRACTOR CAN CONTACT ENGINEERING SOLUTIONS FOR COPIES OF THE INSPECTION FORM TO BE USED FOR STABILIZATION MEASURES.

DISCHARGE POINTS: DISCHARGE POINTS OR LOCATIONS WILL BE INSPECTED TO DETERMINE WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT AMOUNTS OF POLLUTANTS FROM ENTERING RECEIVING WATERS.

CONSTRUCTION ENTRANCE: LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE WILL BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING.

A LOG OF EACH INSPECTION SHALL BE KEPT. THE INSPECTION REPORT IS TO INCLUDE THE FOLLOWING MINIMUM INFORMATION: INSPECTOR'S NAME, DATE OF INSPECTION, OBSERVATIONS RELATIVE TO THE EFFECTIVENESS OF THE POLLUTION CONTROL DEVICES, ACTIONS TAKEN OR NECESSARY TO CORRECT DEFICIENCIES, AND LISTING OF AREAS WHERE LAND DISTURBANCE OPERATIONS HAVE PERMANENTLY OR TEMPORARILY STOPPED. THE INSPECTION REPORT SHALL BE SIGNED BY THE PERMITTEE OR BY THE PERSON PERFORMING THE INSPECTION IF DULY AUTHORIZED TO DO SO.

EROSION CONTROL DESCRIPTION:

- 1.) SILT FENCE SHALL BE PLACED AT THE PERIMETER OF THE GRADING AND AT INTERMEDIATE AREAS THROUGHOUT THE SITE AS SHOWN ON THE PLAN. INLET SEDIMENT TRAPS SHALL BE PLACED SURROUNDING ALL STORM INLETS
- 2.) INSTALL TEMPORARY CONSTRUCTION ENTRANCE AS SHOWN ON PLAN

EROSION CONTROL PROCEDURE:

1.) SILT FENCE AND TEMPORARY CONSTRUCTION ENTRANCE SHALL BE INSTALLED AT THE PERIMETER OF THE GRADED AREAS PRIOR TO BEGINNING OF CLEARING OR DEMOLITION OPERATIONS. THE CONTRACTOR SHALL INSTALL SILT FENCE AS SHOWN ON PLANS AS GRADING PROGRESSES.

TEMPORARY CONSTRUCTION ENTRANCE NOTES:

A.) INSTALLATION

- 1.) AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC STREETS. IF POSSIBLE, LOCATE WHERE PERMANENT ROADS WILL EVENTUALLY BE CONSTRUCTED
- 2.) REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA. GRADE AND CROWN FOR POSITIVE DRAINAGE

3. IF SLOPE TOWARDS THE PUBLIC ROAD EXCEED 2% CONSTRUCT A 6 TO 8 INCH HIGH RIDGE WITH 3H : 1V SIDE SLOPES ACROSS THE FOUNDATION APPROXIMATELY 15 FEET FROM THE EDGE OF THE PUBLIC ROAD TO DIVERT RUNOFF AWAY FROM IT.
4. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES ALONG PUBLIC ROADS
5. PLACE STONE TO DIMENSIONS AND GRADES AS SHOWN ON PLANS. LEAVE SURFACE SMOOTH AND SLOPED FOR DRAINAGE
6. DIVERT ALL SURFACE DRAINAGE AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE
7. IF WET CONDITIONS ARE ANTICIPATED PLACE GEOTEXTILE FABRIC ON THE GRADED FOUNDATION TO IMPROVE STABILITY.
- B.) TROUBLESHOOTING

1.) CONSULT WITH A QUALIFIED DESIGN PROFESSIONAL IF ANY OF THE FOLLOWING OCCUR:

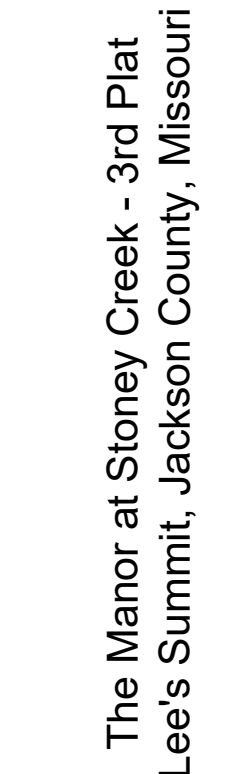
- INADEQUATE RUNOFF CONTROLS TO THE EXTENT THAT SEDIMENT WASHES ONTO PUBLIC ROADS
- INSTALL DIVERSIONS OR OTHER RUNOFF CONTROL MEASURES
- SMALL STONE, THIN PAD, OR ABSENCE OF GEOTEXTILE FABRIC RESULTS IN RUTS AND MUDDY CONDITIONS AS STONE IS PRESSED INTO SOIL - INCREASE STONE SIZE OR PAD THICKNESS OR ADD GEOTEXTILE FABRIC
- PAD TOO SHORT FOR HEAVY CONSTRUCTION TRAFFIC - EXTEND PAD BEYOND THE MINIMUM 50 FOOT LENGTH AS NECESSARY

- C) INSPECTION AND MAINTENANCE
- 1.) INSPECT STONE PAD AND SEDIMENT DISPOSAL AREA WEEKLY AND AFTER ANY RAIN EVENT
 - 2.) RESHAPE PAD AS NEEDED FOR PROPER DRAINAGE AND RUNOFF CONTROL
 - 3.) TOP DRESS WITH CLEAN 2 AND 3 INCH STONE AS NEEDED
 - 4.) IMMEDIATELY REMOVE MUD OR SEDIMENT TRACKED OVER WASHED ONTO PUBLIC ROADWAY. REPAIR ANY BROKEN ROAD PAVEMENT IMMEDIATELY.
 - 5.) REMOVE ALL TEMPORARY ROAD MATERIALS FROM AREAS WHERE PERMANENT VEGETATION WILL BE ESTABLISHED
- "AS-BUILT"
- 900-10-
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All other data is as designed

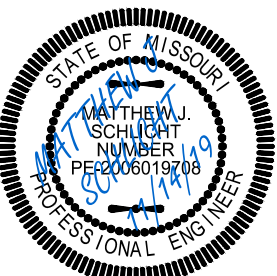
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Record Drawing



Construction Plans for:
The Manor at Stoney Creek - 3rd Plat
Lee's Summit, Jackson County, Missouri



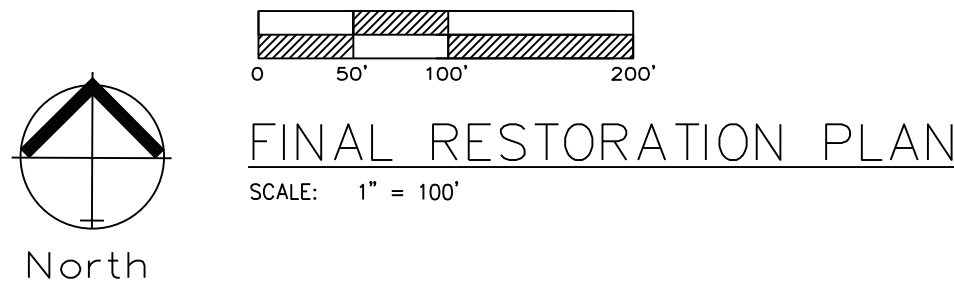
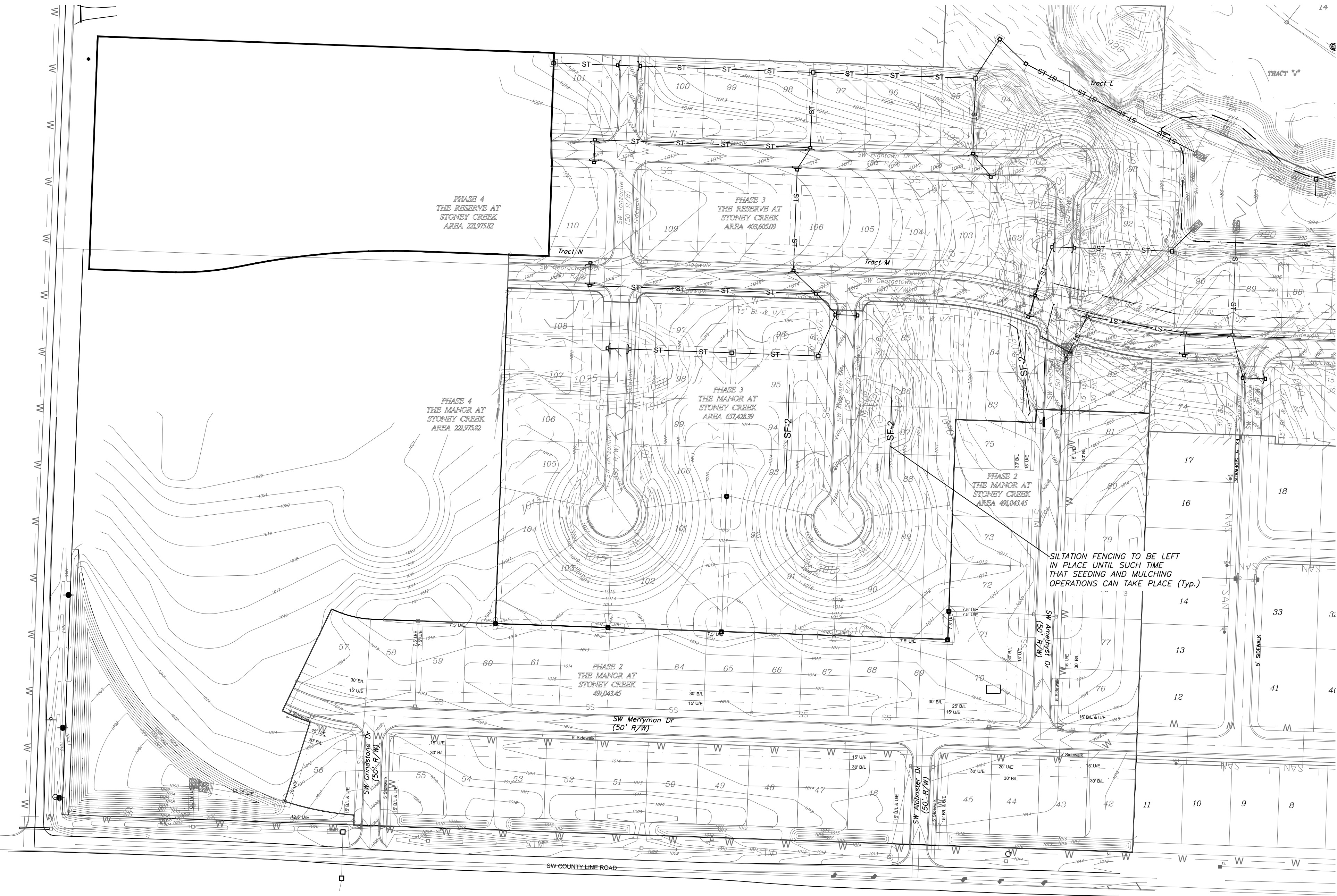
Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25226

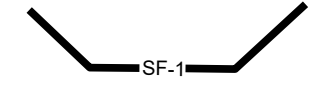
REVISIONS

9/24/19 - As-Built

11/7/19 - As-Built

11/14/19 - As-Built



 SILT FENCE PROTECTION
TO BE MAINTAINED BY CONTRACTOR

LEGEND		
PHASE 1 SILT FENCE	— SF-1 —	— SF-1 —
PHASE 2 SILT FENCE	— SF-2 —	— SF-2 —
INLET PROTECTION GUTTER BUDDY OR EQUIVALENT		

DURING ALL PHASES OF CONSTRUCTION, INACTIVE AREA STABILIZATION METHODS AS DESCRIBED IN APWA SECTION 5111.3 SHALL BE USED TO CONTROL EROSION AND SILTATION.

NOTES: The Land Disturbance Plans indicates the Final placement of erosion control devices. The contractor(s) may proceed with construction prior to the final placement of these devices by providing additional devices to control erosion on their items of work. These devices shall be maintained until the final devices are in place.

SEED AND MULCH NOTES:

All areas disturbed by construction activities shall be seeded and mulched. Seeding shall be done before the proposed seedbed becomes eroded, crusted over, or dried out and shall not be done when the ground is frozen, or covered with snow. The seed shall comply with the requirements of the Missouri Seed Law and the Federal Seed Act. Also, it shall contain no seed of any plant on the Federal Noxious Weed List. Other weed seeds shall not exceed one percent by weight of mix.

Seed and Fertilizer Rate:

Mix I - Rye Grass / Blue Grass 100 lbs. per Acre
Mix II - Tall Fescue / Blue Grass 195 lbs. per Acre
Lime 2000 lbs per Acre (50 lbs. per 1000 sq. ft.)
Fertilizer 800 to 1200 lbs per Acre (25 lbs per 1000 sq. ft.)

During the dates December 15th through May 31 ALL lime fertilizer, seed and mulch shall be applied to finished slopes of disturbed areas. During the months of June, July, October and November 1st through December 15th, lime fertilizer, seed and mulch shall be applied at the following rates:

Lime - 100% of specified quantity
Fertilizer - 75% of the specified quantity
Seed - 50% of the specified quantity
Mulch - 100% of the specified quantity

Mulch shall be Vegetative type, cereal straw from stalks of oats, rye, or barley, or approved equal. The straw shall be free of prohibited weed seed and relatively free of all other noxious and undesirable seed. Mulch shall be applied at the rate of 2 tons per acre, (70 to 90 lbs per 1000 sq. ft.). Mulch shall be embedded by a mulch anchoring tool or disk type roller having flat serrated disks spaced not more than 10 inches apart and cleaning scrapers shall be provided

ONCE SITE IS 90% VEGETATED ALL ESC DEVICES SHALL BE REMOVED AND ANY DISTURBED AREAS SHALL BE RESTORED

Record Drawing

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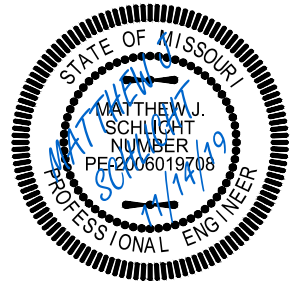
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ENGINEERING SOLUTIONS
ENGINEERING & SURVEYING
50 SE 30TH STREET
LEES SUMMIT, MO 64082
P: (816) 623-9888 F: (816) 623-9849

The Manor at Stoney Creek - 3rd Plat
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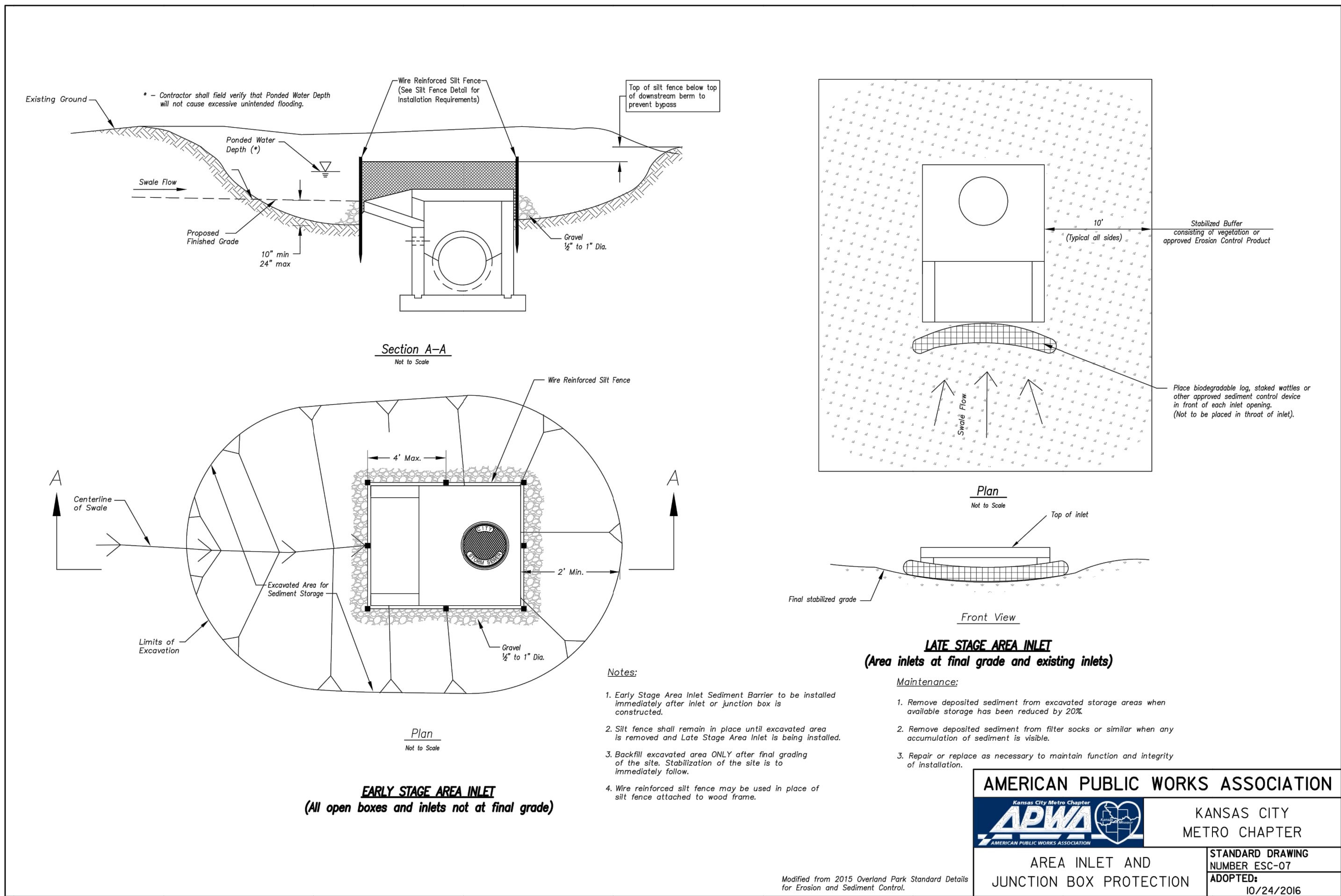
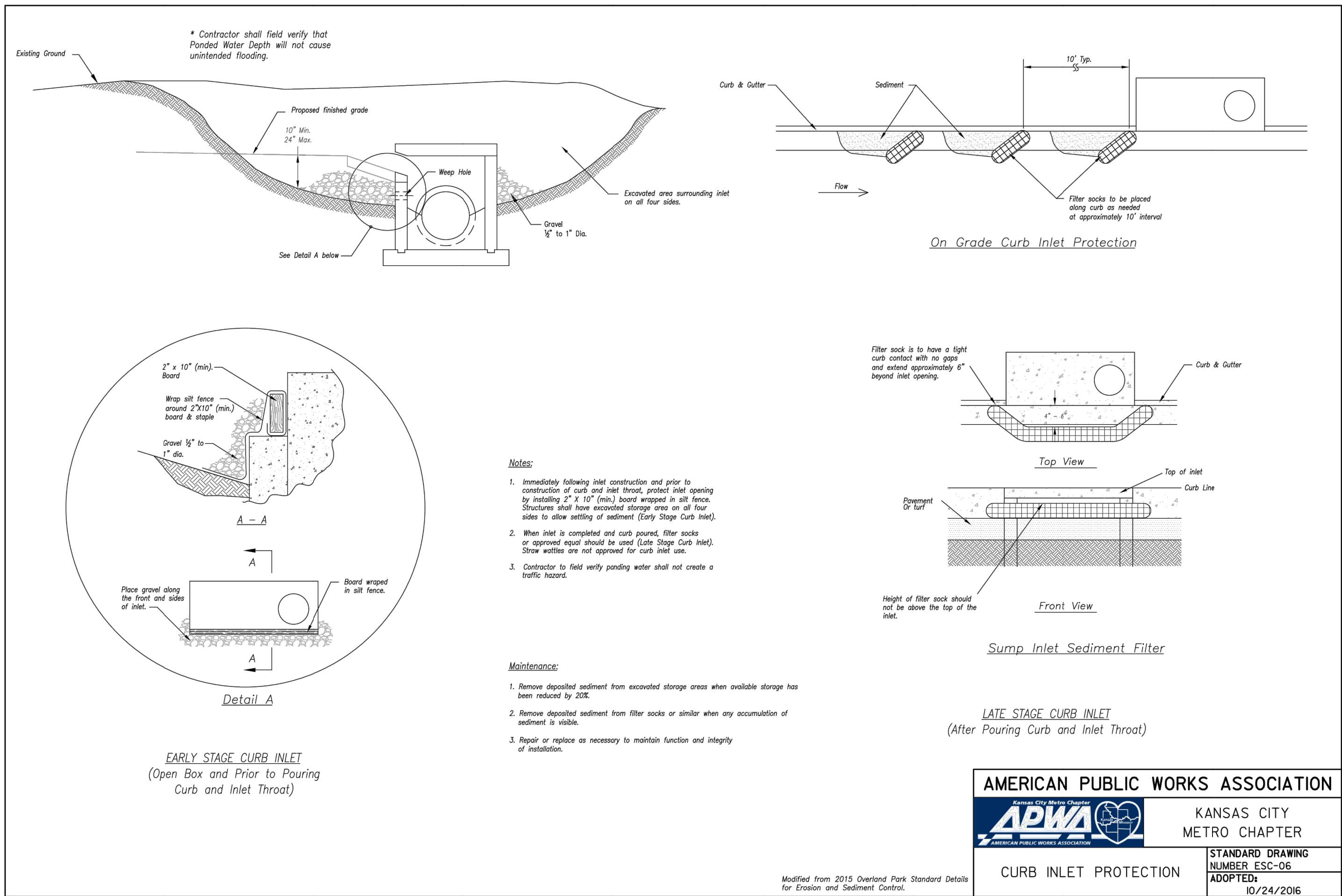
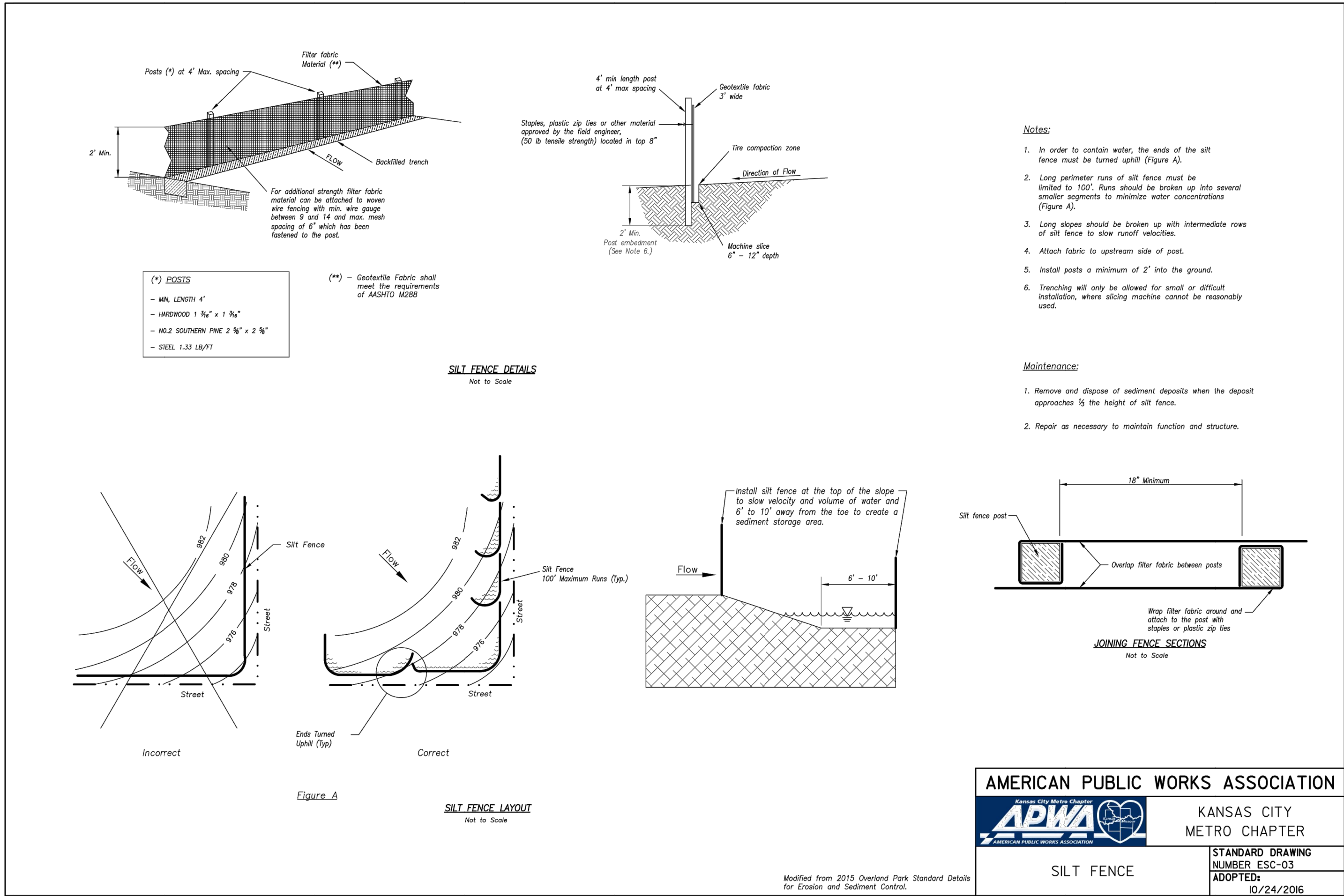
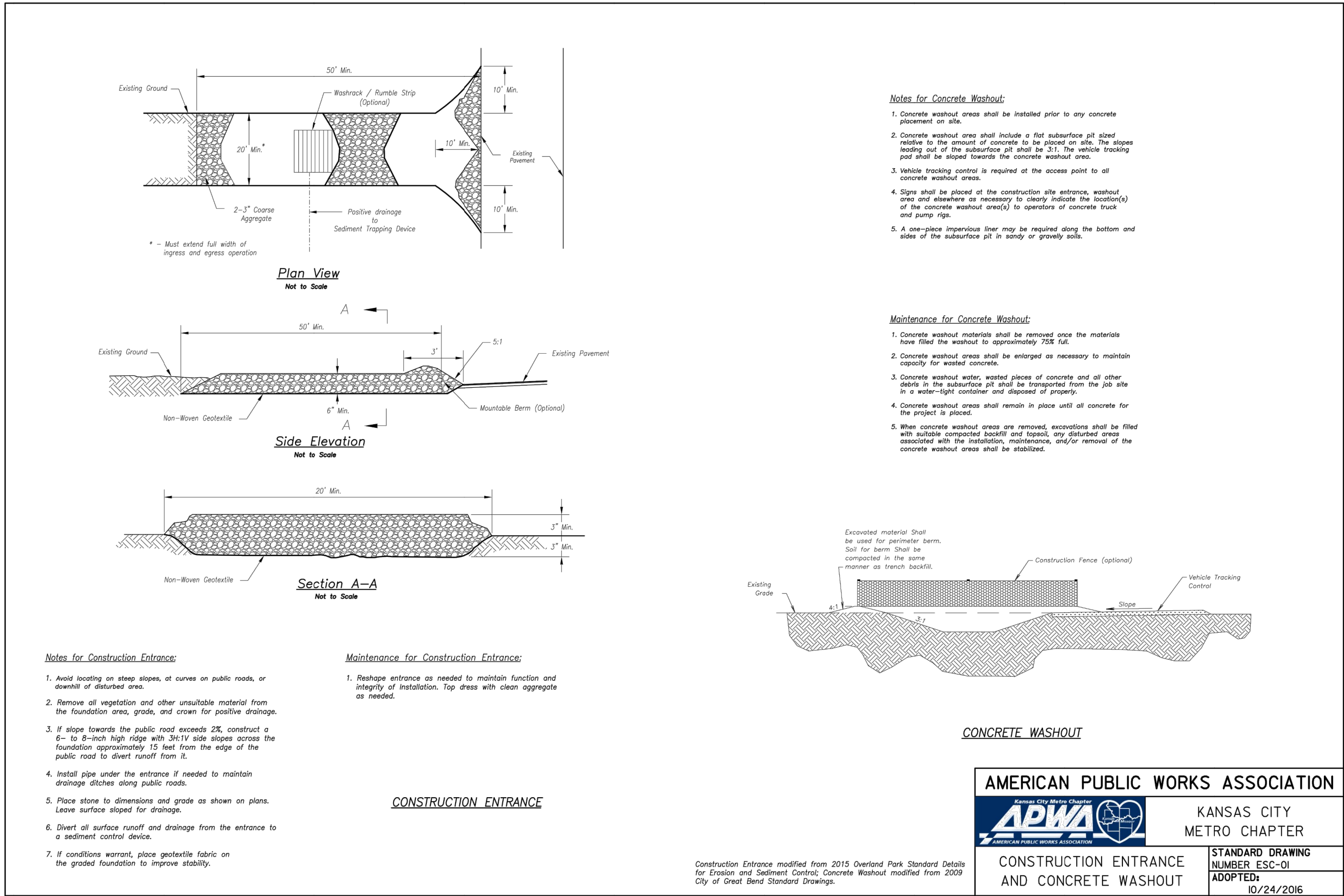
Project AT
STONEY CREEK
3RD
Map Date
July 18, 2017

ESC PHASE 3 - Final Restoration Plan
Construction Plans for:
The Manor at Stoney Creek - 3rd Plat
Lee's Summit, Jackson County, Missouri



Matthew J. Schlicht
MO PE 2006019708
KS PE 190071
OK PE 255226

REVISIONS	
9/24/19	- As-Built
11/7/19	- As-Built
11/14/19	- As-Built



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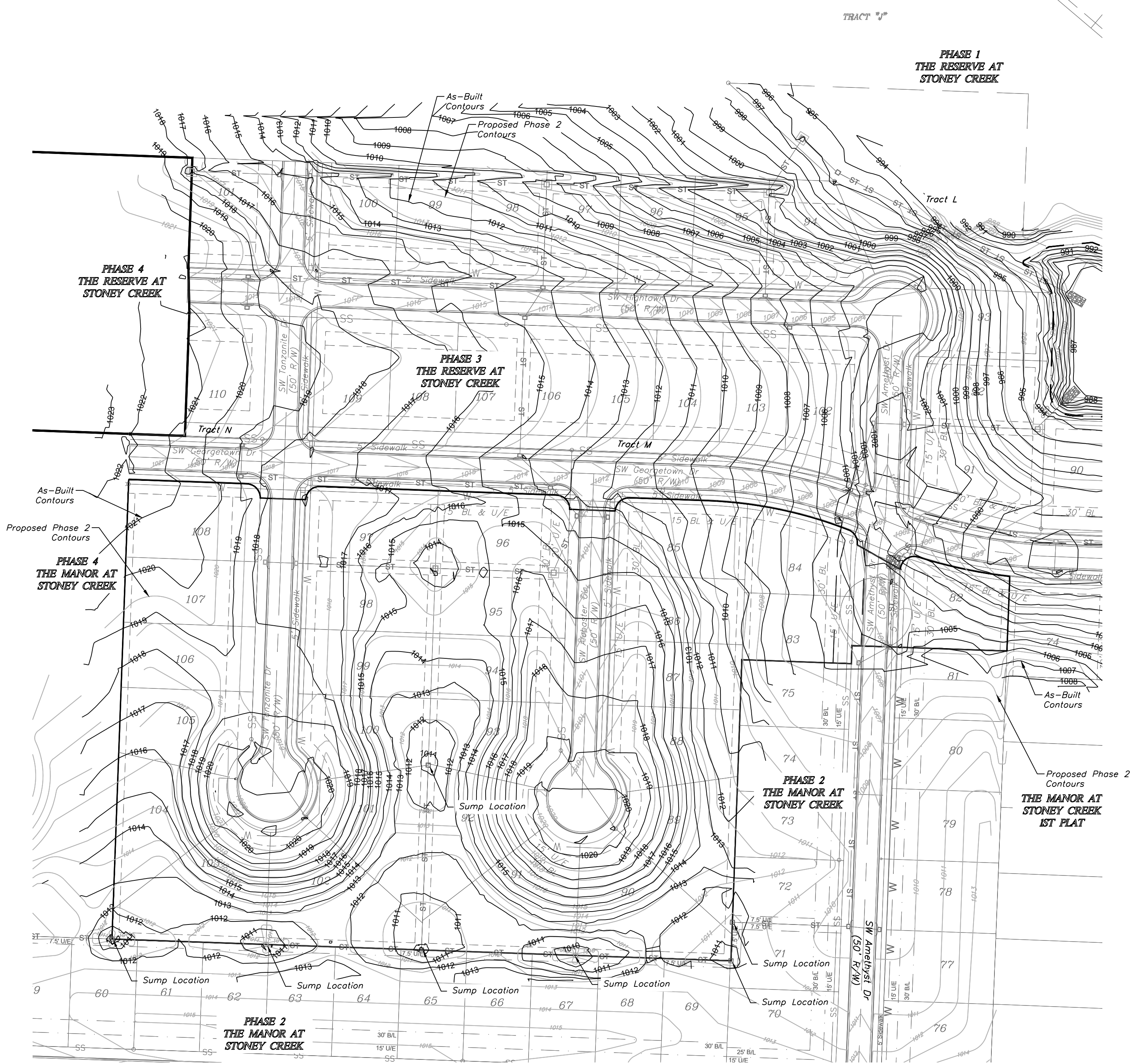
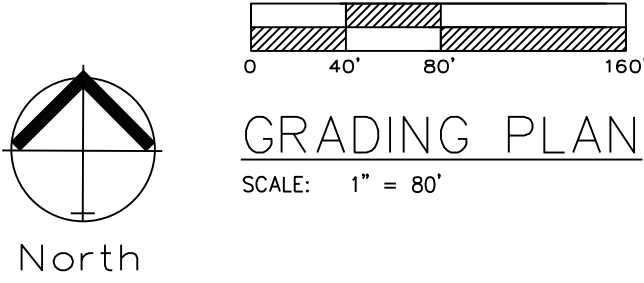
-Sidewalk shall be constructed with the subdivision improvements.



6. ADDED CUL-DE-SAC.

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.



Record Drawing

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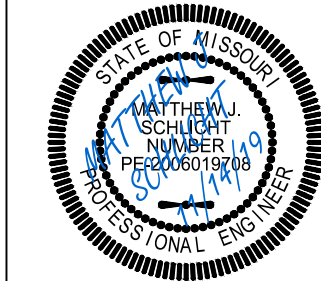
Master Drainage Plan 1 of 3:

Grading Plan
Construction Plans for:
The Manor at Stoney Creek - 3rd Plat
Lee's Summit, Jackson County, Missouri

Project:
AT
STONEY CREEK
3RD
Issue Date:
July 18, 2017

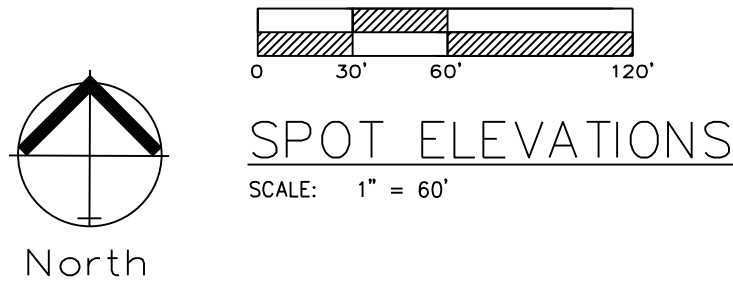
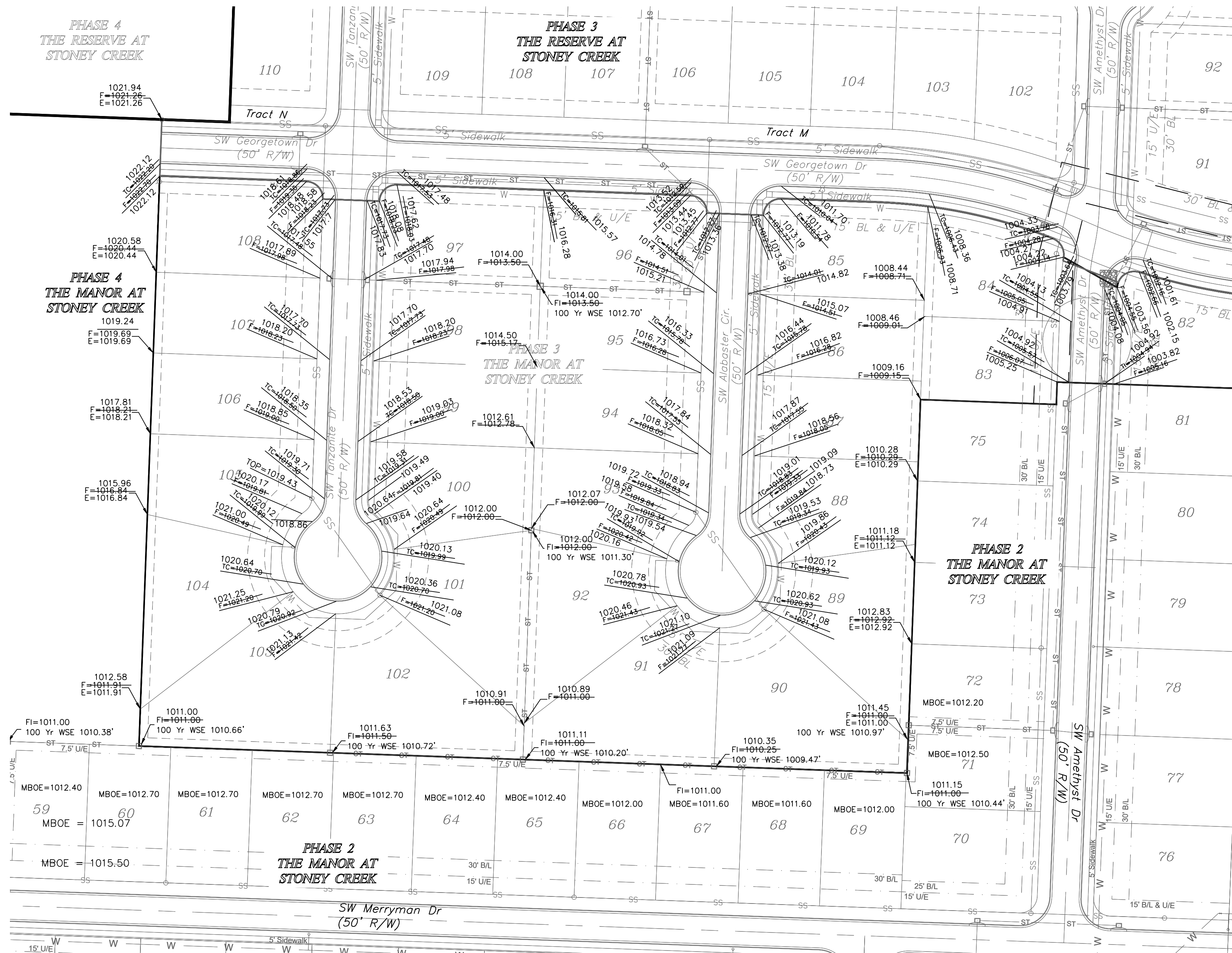
The Manor at Stoney Creek - 3rd Plat
Lee's Summit, Jackson County, Missouri

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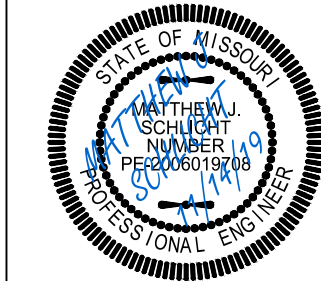


Lot Number	Basement Type	MBOE (Left)	MBOE (Right)
82	Daylight		
83	Full		
84	Full		
85	Daylight		
86	Walkout		
87	Walkout		
88	Walkout		
89	Walkout	None	1012.97
90	Walkout	1012.97	1011.47
91	Walkout	1011.47	1012.20
92	Walkout	1012.20	1013.30
93	Walkout	1013.30	None
94	Daylight		
95	Full	None	1014.70
96	Full	1014.70	1016.50
97	Full	1016.50	1014.70
98	Daylight	1014.70	None
99	Daylight		
100	Walkout	None	1013.30
101	Walkout	1013.30	1012.20
102	Walkout	1012.20	1012.75
103	Walkout	1012.75	1012.66
104	Walkout	1015.07	1018.15
105	Daylight	1018.15	1019.59
106	Full	1019.59	1021.03
107	Full	1021.03	1022.00
108	Full	1022.00	

NOTE:
MBOE CAN BE INTERPOLATED
FROM SIDE TO SIDE
BASED ON HOME LOCATION.

The Manor at Stoney Creek - 3rd Plat
Lee's Summit, Jackson County, Missouri

Master Drainage Plan 2 of 3:
Spot Elevations
Construction Plans for:
The Manor at Stoney Creek - 3rd Plat
Lee's Summit, Jackson County, Missouri



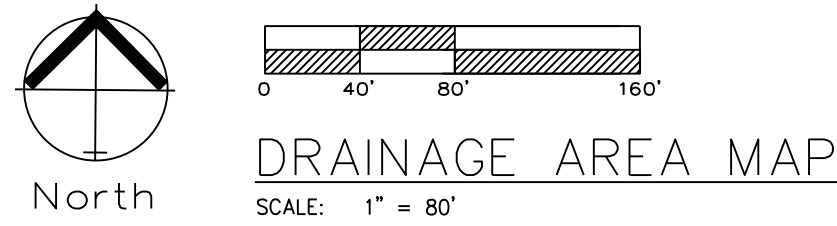
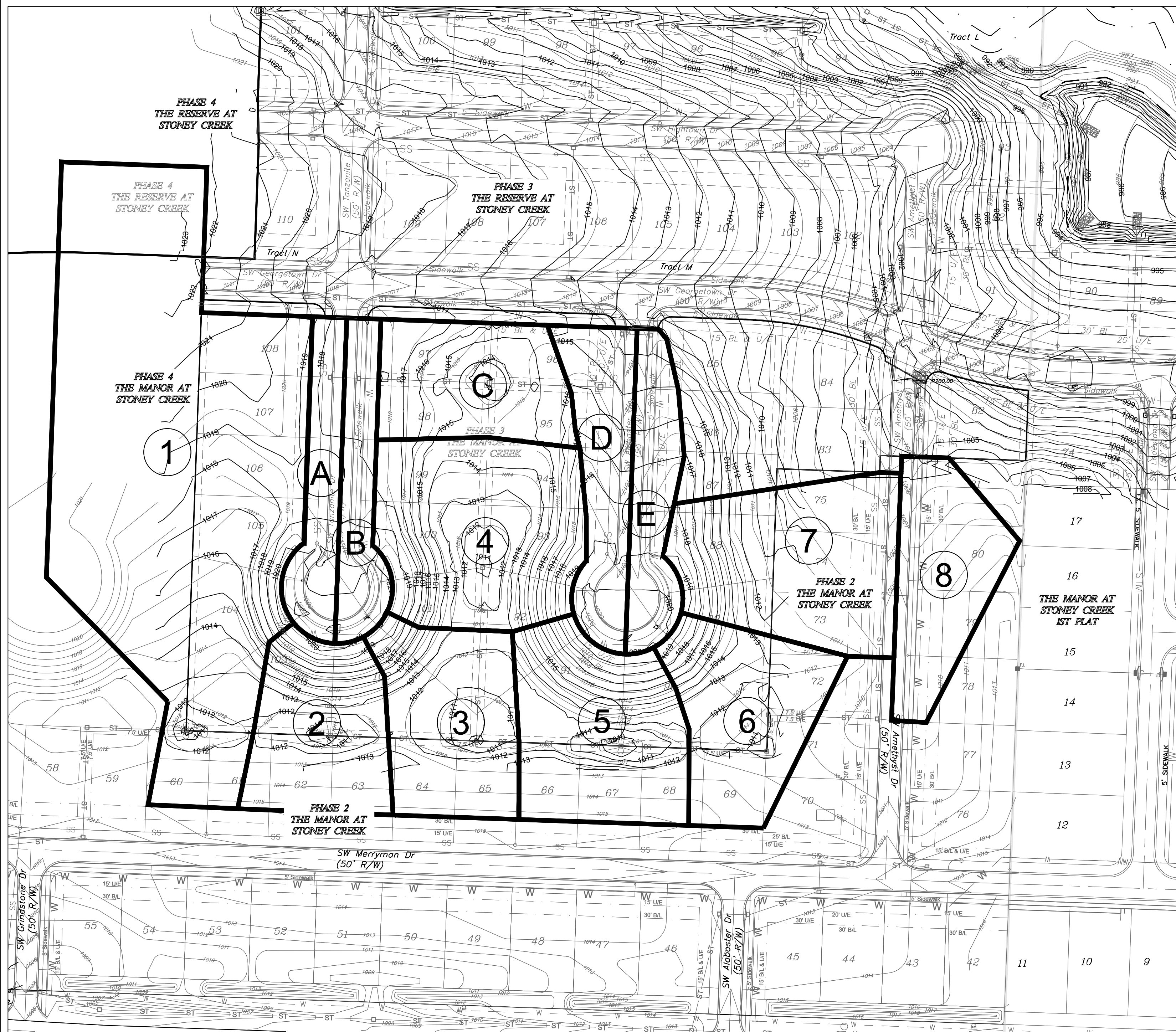
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Drainage Area	Area Sq. Ft.	Area Ac.	CN
MANOR AT STONEY CREEK - 2ND PLAT			
1	162602.9	3.73	0.30
2	31317.67	0.72	0.30
3	34408.45	0.79	0.30
4	50711.35	1.16	0.30
5	41460.67	0.95	0.30
6	34274.51	0.79	0.30
7	46410.76	1.07	0.41
8	28924.16	0.66	0.56
MANOR AT STONEY CREEK - 3RD PLAT			
A	16854.11	0.39	0.52
B	16854.04	0.39	0.52
C	30092.45	0.69	0.30
D	24389.62	0.56	0.46
E	19319.91	0.44	0.50

APWA STORM DRAINAGE "TC" COMPUTATIONS FOR : The Manor At Stony Creek - 3RD Plat																										
AREA ID		yellow areas are self computing overwrite if necessary				Surface types: Asph/ConcBus/Com Dirt Grass/Park Lake MultFam SnglFam Undev Other										TC COMPUTATION										
						SURFACE CODES																				
						"C" Values																				
TOTAL WATERSHED						Overwrite Length - DnElev or Slope if necessary					SURFACE CODE P=Unpaved Overwrite Slope or Elevations if necessary															
						OVERLAND FLOW - 100' MAX					CHANNEL FLOW - FIRST REACH															
TOTAL ACRES	WTRSHD LENGTH	DN ELEV	DN ELEV	SURFACE CODE	"C" VALUE	OVERLAND LENGTH	OVERLAND ELEV	DN ELEV	SLOPE	P or	CHANNEL LENGTH	CHANNEL ELEV	DN ELEV	SLOPE	VELOCITY	F/5	Cal Flow T(I)	Used Min 5 Max 15 T(I)	Cal Channel One T(T)	Cal Channel Two T(T)	Total T(T)	Intensity 10 I	Intensity 100 I	CFS 10 Q	CFS 100 Q	AREA ID
THE MANOR AT STONEY CREEK - 2ND PLAT EXISTING DRAINAGE (UPDATE)																										
1	3.73	676.9	1027.5	1010.0	Z	0.30	100.0	1027.5	1026.1	1.5	P	576.9	1026.1	1010.0	2.78	3.4	12.7	12.7	2.8	0.0	15.6	5.3	7.3	5.91	8.14	1.0
2	0.72	139.0	1021.5	1010.0	Z	0.30	100.0	1021.5	1013.0	8.5	P	39.0	1013.0	1010.0	7.68	5.6	7.1	7.1	0.1	0.0	7.2	6.7	9.5	1.45	2.05	2.0
3	0.79	183.3	1021.5	1010.0	Z	0.30	100.0	1021.5	1011.9	9.6	P	83.3	1011.9	1010.0	2.28	3.1	6.8	6.8	0.5	0.0	7.2	6.7	9.5	1.59	2.24	3.0
4	1.16	182.4	1017.5	1011.0	Z	0.30	100.0	1017.5	1012.9	4.6	P	82.4	1012.9	1011.0	2.31	3.1	8.7	8.7	0.4	0.0	9.1	6.3	8.9	2.19	3.09	4.0
5	0.95	107.6	1019.5	1009.0	Z	0.30	100.0	1019.5	1010.5	9.0	P	7.6	1010.5	1009.0	19.84	9.1	6.9	6.9	0.0	0.0	6.9	6.8	9.6	1.94	2.73	5.0
6	0.79	190.2	1019.5	1010.0	Z	0.30	100.0	1019.5	1012.8	6.7	P	90.2	1012.8	1010.0	3.11	3.6	7.6	7.6	0.4	0.0	8.1	6.5	9.2	1.54	2.18	6.0
7	1.07	292.9	1019.5	1005.9	Z	0.41	100.0	1019.5	1012.0	7.5	P	192.9	1012.0	1005.9	3.16	3.6	6.3	6.3	0.9	0.0	7.2	6.7	9.5	2.94	4.15	7.0
8	0.66	315.6	1009.9	1005.0	Z	0.56	100.0	1009.9	1009.0	0.9	P	215.6	1009.0	1005.0	1.85	2.8	10.3	10.3	1.3	0.0	11.6	5.8	8.2	2.14	3.02	8.0
THE MANOR AT STONEY CREEK - 3RD PLAT NEW DRAINAGE AREA																										
A	0.39	311.1	1021.5	1018.0	Z	0.52	100.0	1021.5	1019.0	2.5	P	211.1	1019.0	1018.0	0.47	1.4	7.6	7.6	2.5	0.0	10.1	6.0	8.5	1.23	1.73	A
B	0.39	311.1	1021.5	1018.0	Z	0.52	100.0	1021.5	1019.0	2.5	P	211.1	1019.0	1018.0	0.47	1.4	7.6	7.6	2.5	0.0	10.1	6.0	8.5	1.23	1.73	B
C	0.69	147.2	1018.5	1013.0	Z	0.30	100.0	1018.5	1015.2	3.3	P	47.2	1015.2	1013.0	4.68	4.4	9.7	9.7	0.2	0.0	9.9	6.1	8.6	1.27	1.79	C
D	0.56	374.0	1020.5	1012.2	Z	0.46	100.0	1020.5	1019.0	1.5	P	274.0	1019.0	1012.2	2.48	3.2	10.1	10.1	1.4	0.0	11.6	5.8	8.2	1.47	2.08	D
E	0.44	374.0	1020.5	1012.2	Z	0.50	100.0	1020.5	1019.0	1.5	P	274.0	1019.0	1012.2	2.48	3.2	9.5	9.5	1.4	0.0	10.9	5.9	8.3	1.29	1.83	E

Record Drawing

"AS-BUILT"

900.10
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Master Drainage Map 3 of 3:

Drainage Area Map
Construction Plans for:
The Manor at Stony Creek - 3rd Plat
Lee's Summit, Jackson County, Missouri

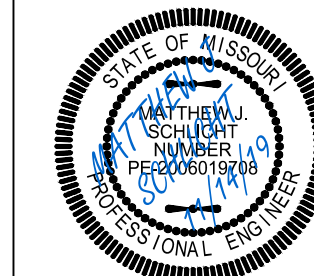
Project:
AT
STONEY CREEK
3RD

Issue Date:
July 18, 2017

The Manor at Stony Creek - 3rd Plat
Lee's Summit, Jackson County, Missouri

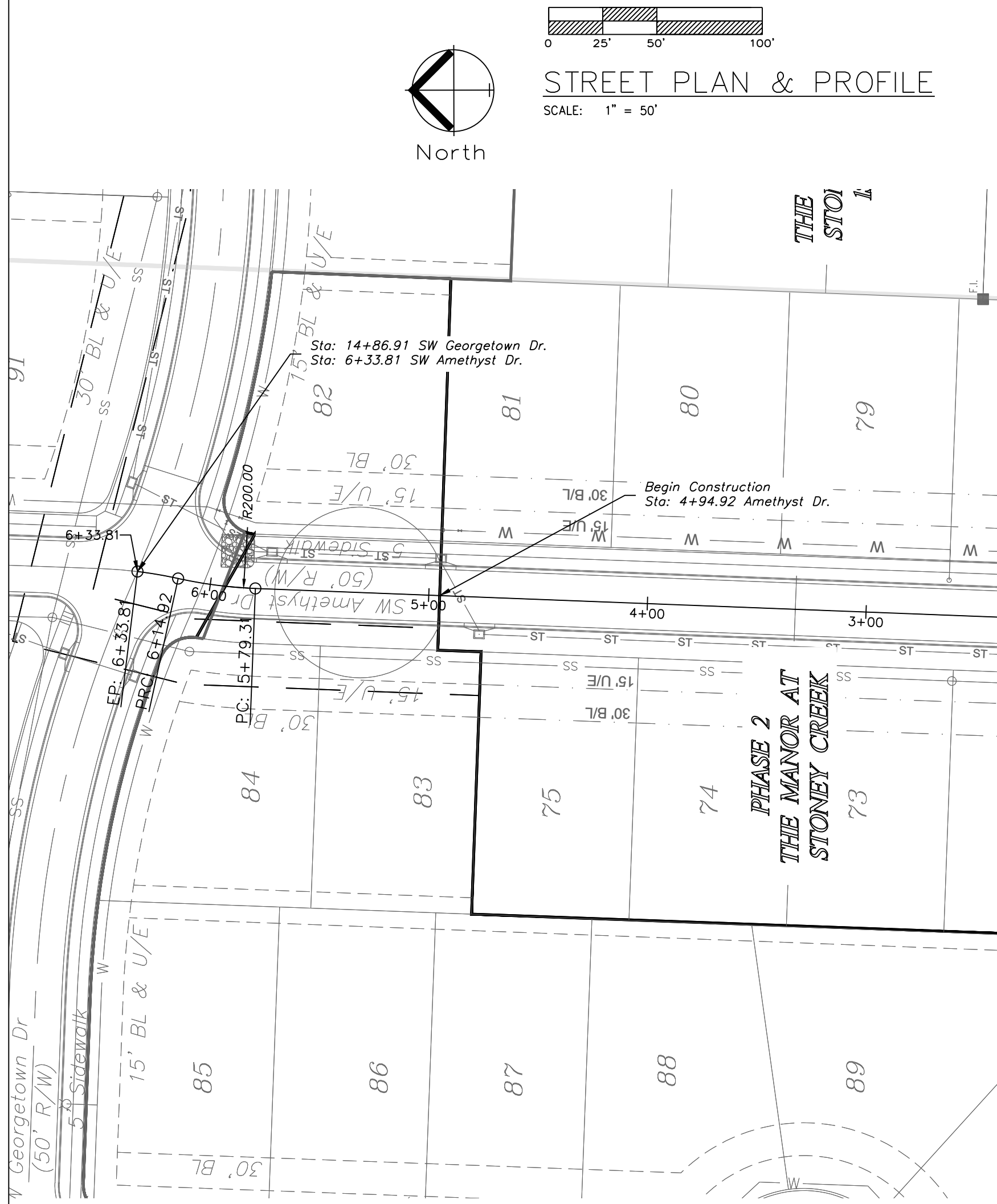
Professional Registration
Missouri
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Surveying 2005006519-D
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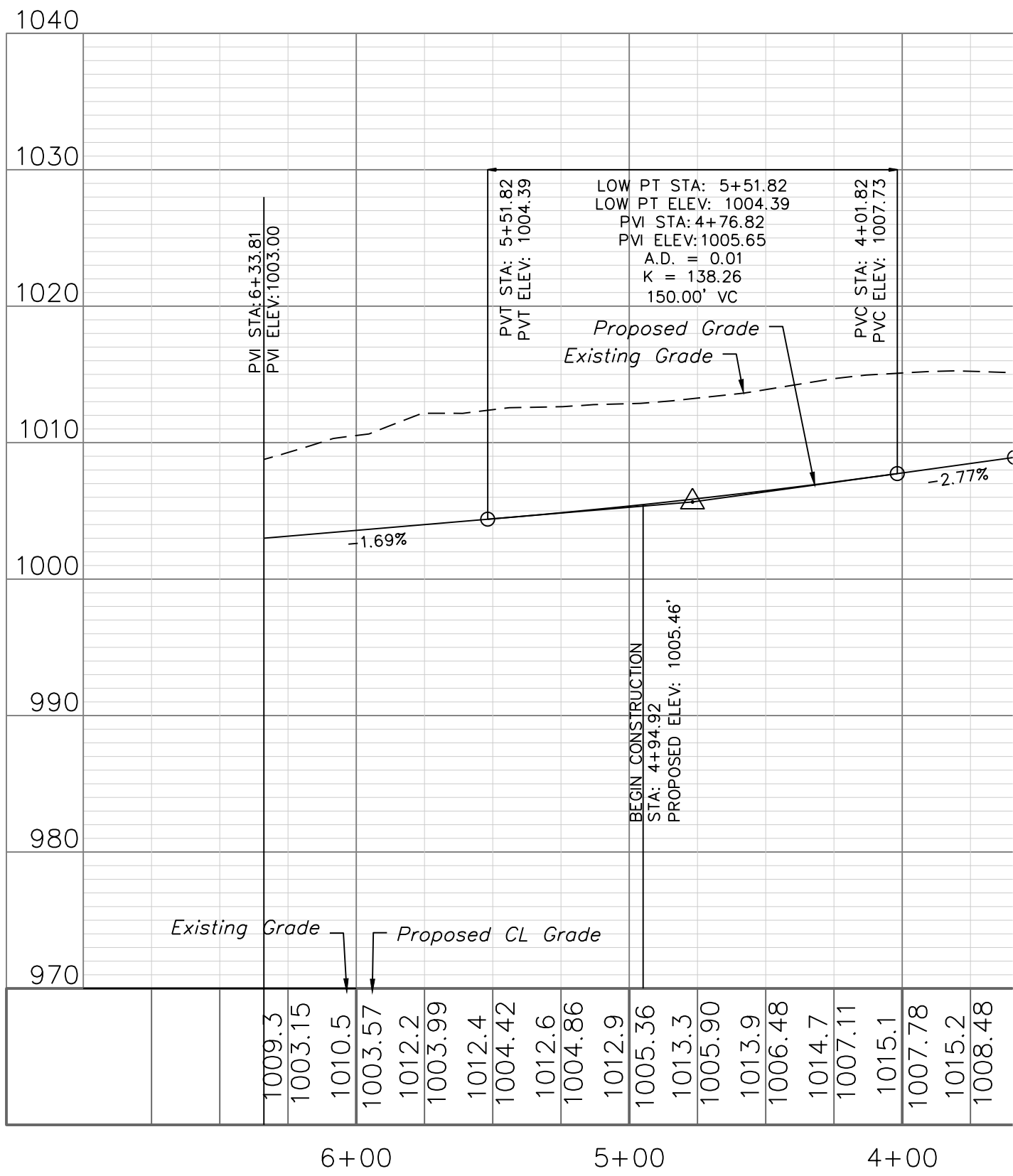


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OK PE 255226

REVISIONS
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11/14/19 - As-Built



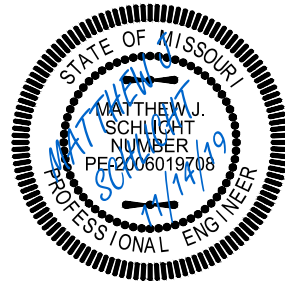
SW AMETHYST DR



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11/14/19 - As-Built

C. 203

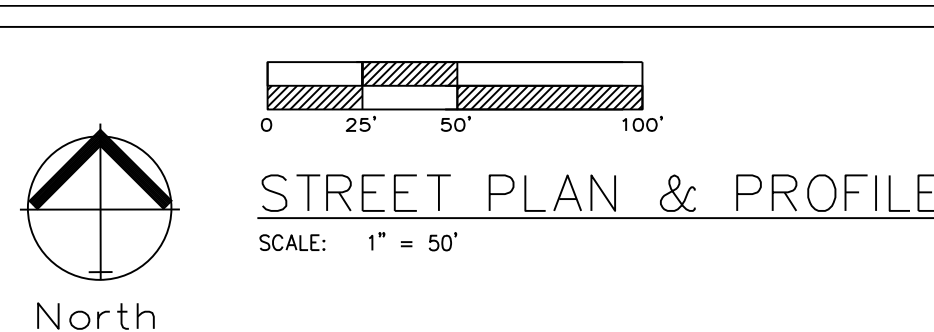
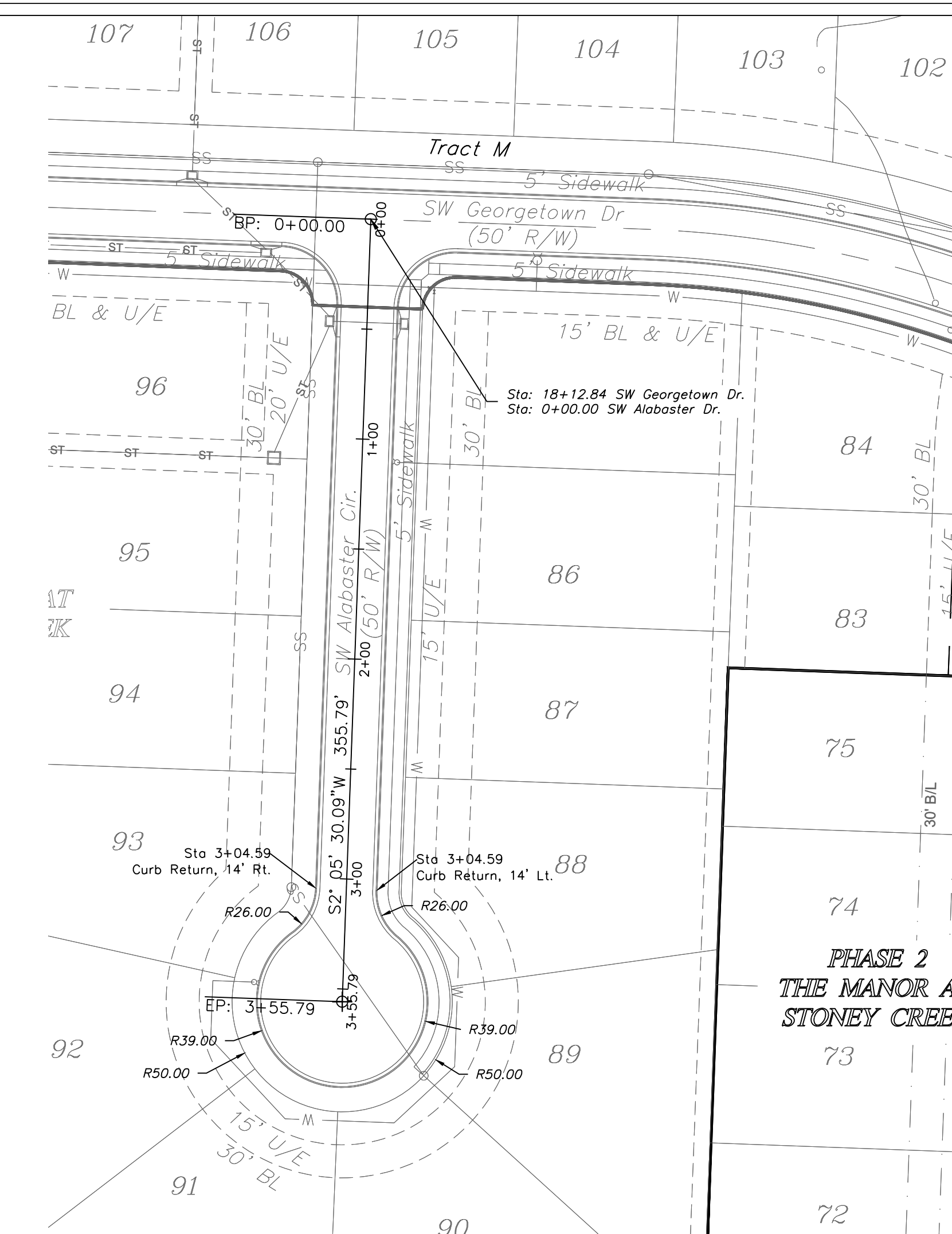
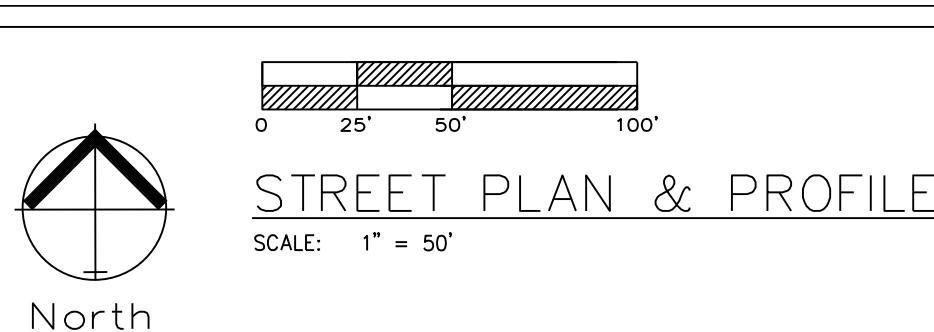
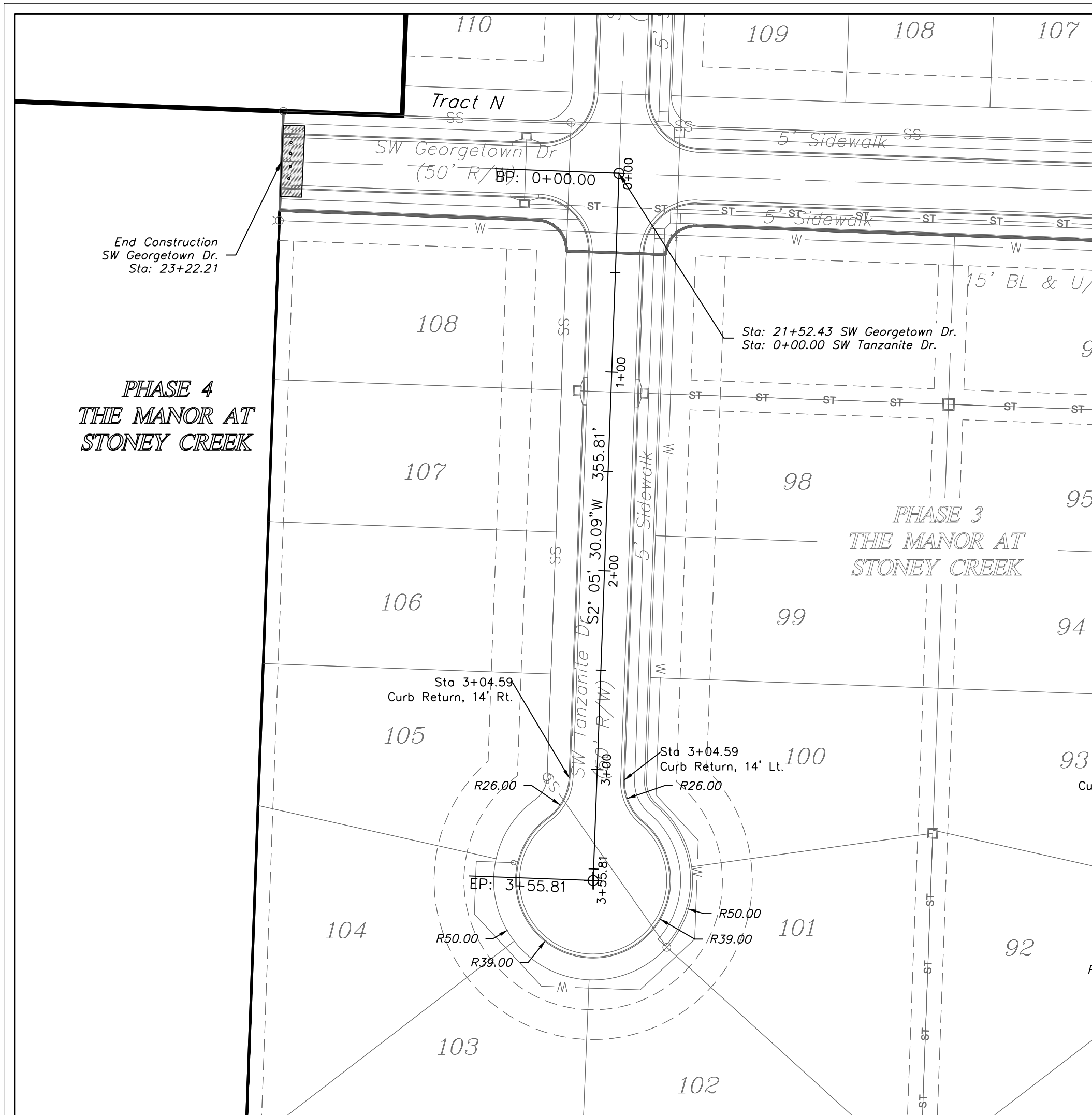
Street Plan and Profile
Construction Plans for:
The Manor at Stoney Creek - 3rd Plat
Lee's Summit, Jackson County, Missouri

Project: AT
STONEY CREEK
3RD
Issue Date:
July 18, 2017

The Manor at Stoney Creek - 3rd Plat
Lee's Summit, Jackson County, Missouri

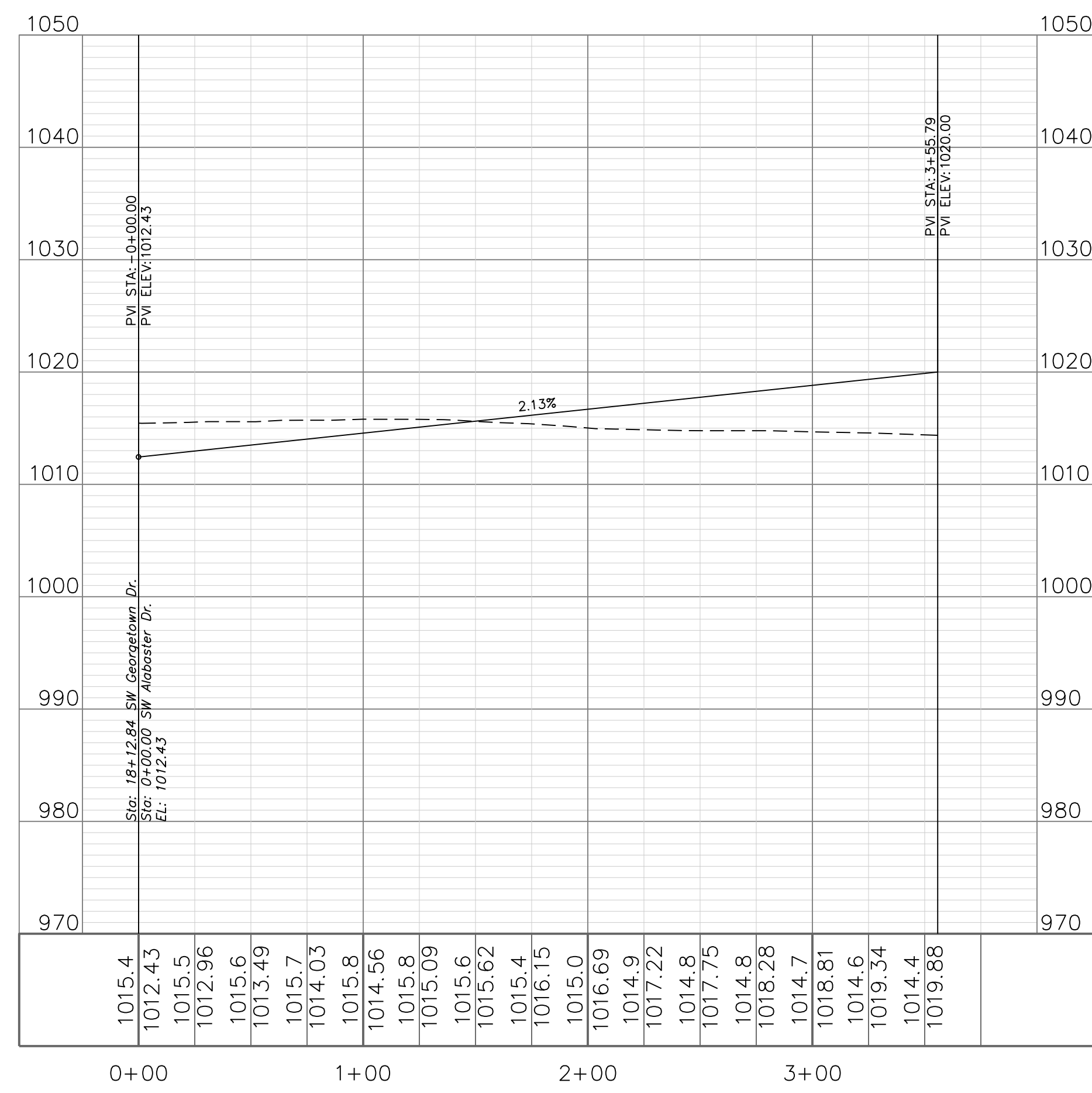
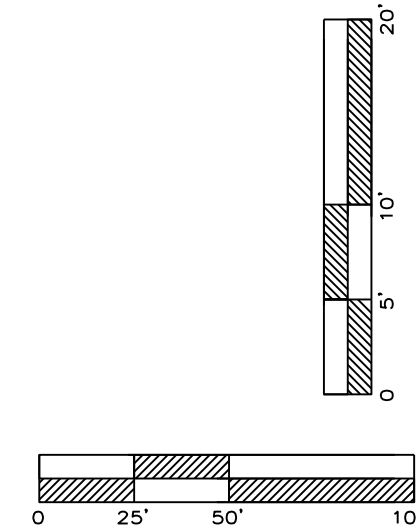
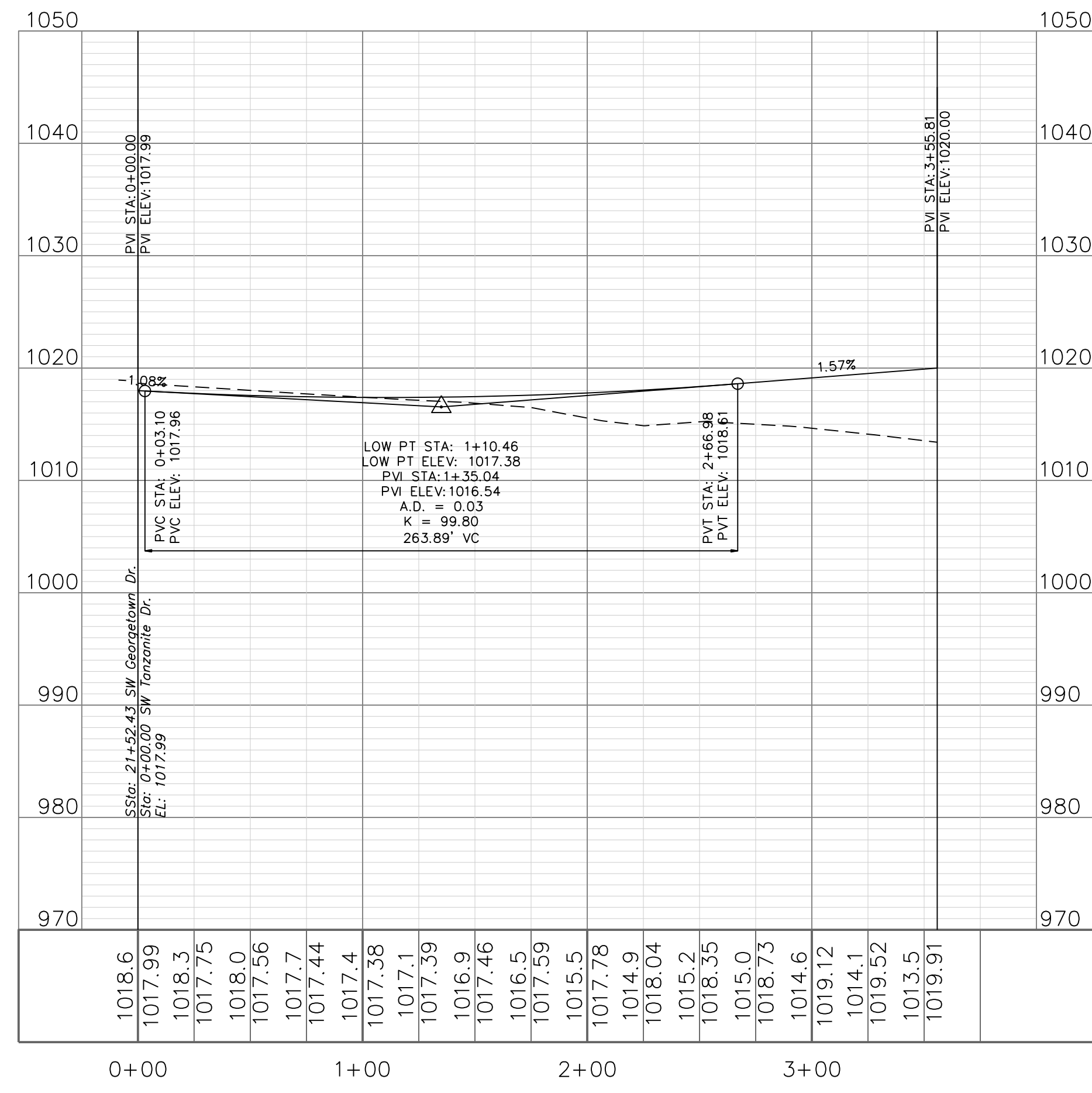
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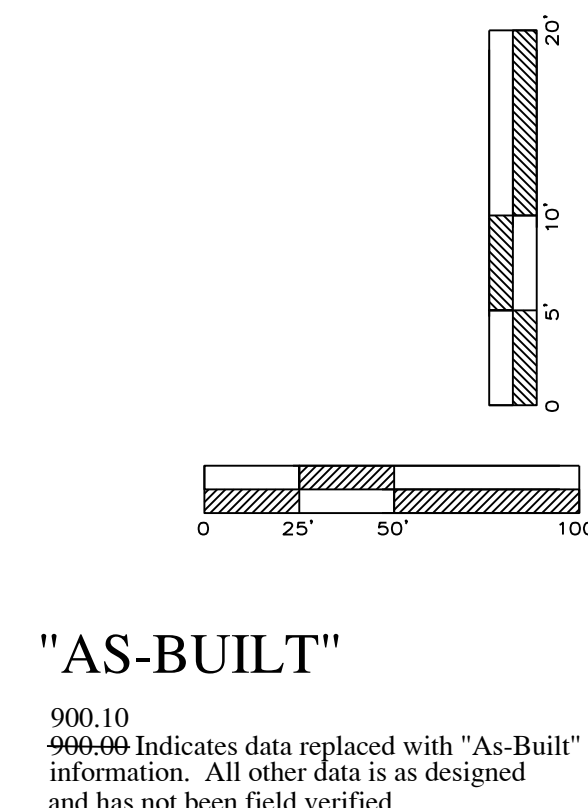


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SW ALABASTER CIRCLE



Record Drawing



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The Manor at Stoney Creek - 3rd Plat
Lee's Summit, Jackson County, Missouri

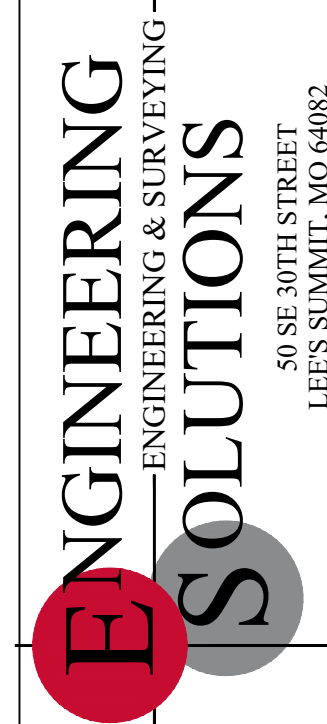
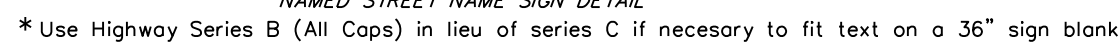
Project: AT STONEY CREEK 3RD
Issue: 1
Date: July 18, 2017

Street Plan and Profile
Construction Plans for:
The Manor at Stoney Creek - 3rd Plat
Lee's Summit, Jackson County, Missouri

Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25526

REVISIONS
9/24/19 - As-Built
11/7/19 - As-Built
11/14/19 - As-Built

C. 204

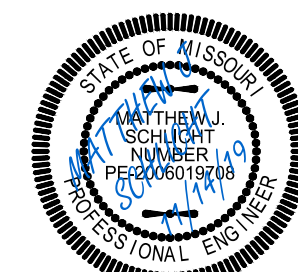


Professional Registration
Missouri
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Surveying 2005008319-D
Kansas
Engineering E-1695
Surveying LS-218
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

The Manor at Stoney Creek - 3rd Plat
Lee's Summit, Jackson County, Missouri

Project: MANOR AT STONEY CREEK 3RD
Issue Date: July 18, 2017

Street Signage Plan
Construction Plans for:
The Manor at Stoney Creek - 3rd Plat
Lee's Summit, Jackson County, Missouri



Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25226

REVISIONS

9/24/19 - As-Built

11/7/19 - As-Built

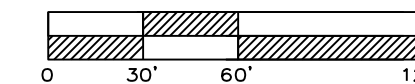
11/14/19 - As-Buil

C.205

Record Drawing

"AS-BUILT"

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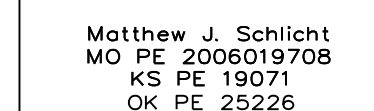


SCALE: 1" = 60'



The Manor at Stoney Creek - 3rd Plat
Lee's Summit, Jackson County, Missouri

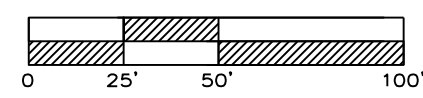
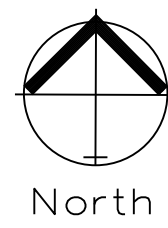
Storm Sewer General Layout
Construction Plans for:
The Manor at Stoney Creek - 3rd Plat
Lee's Summit, Jackson County, Missouri



C.300

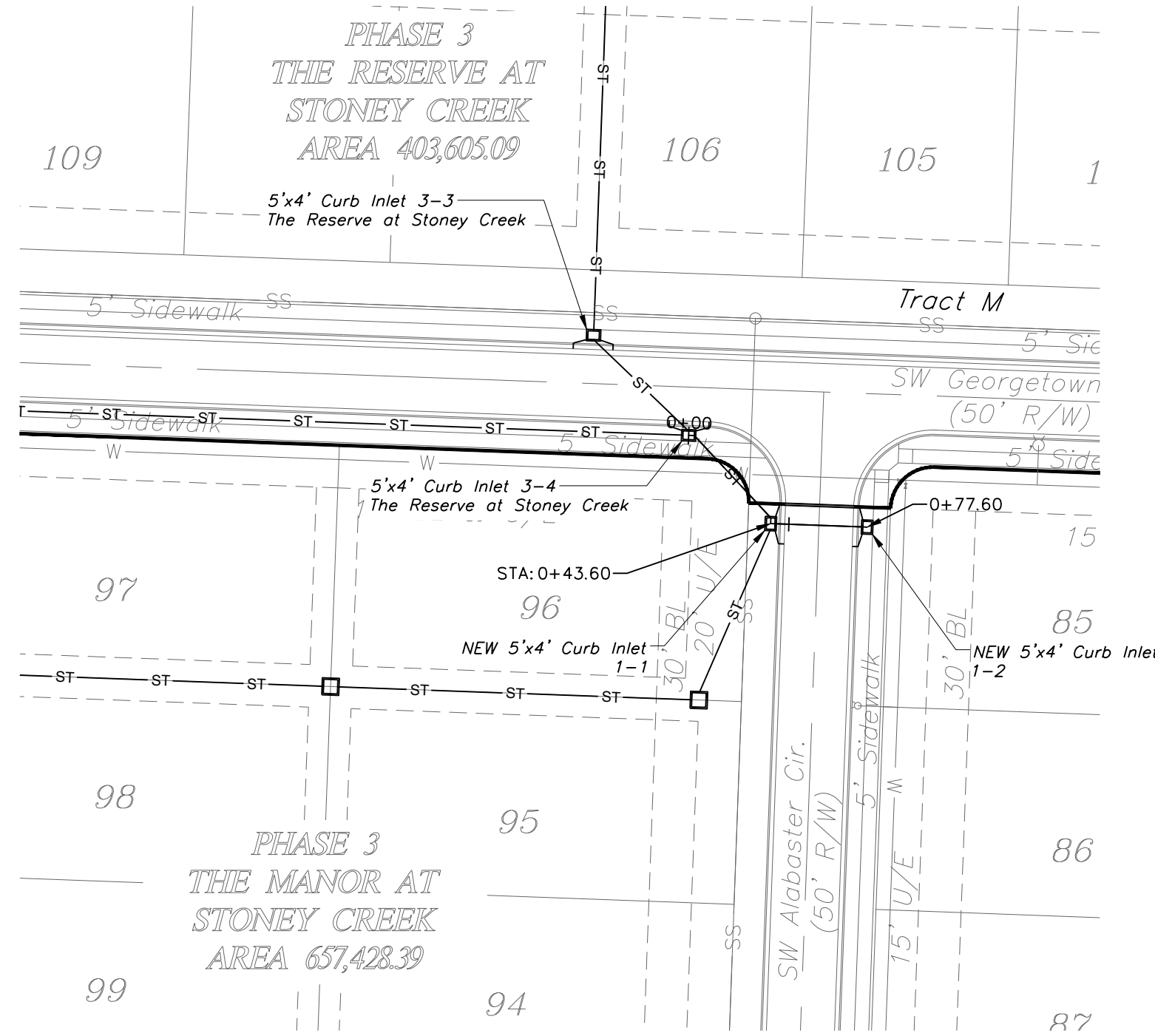
"AS-BUILT"

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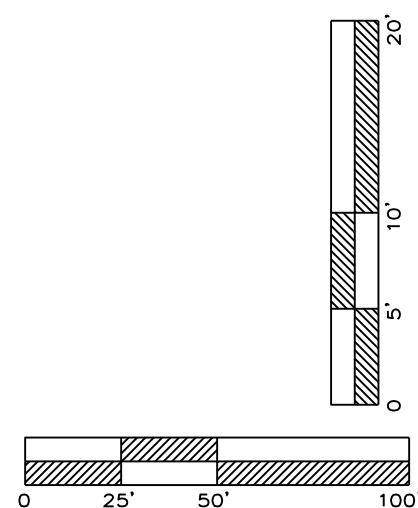
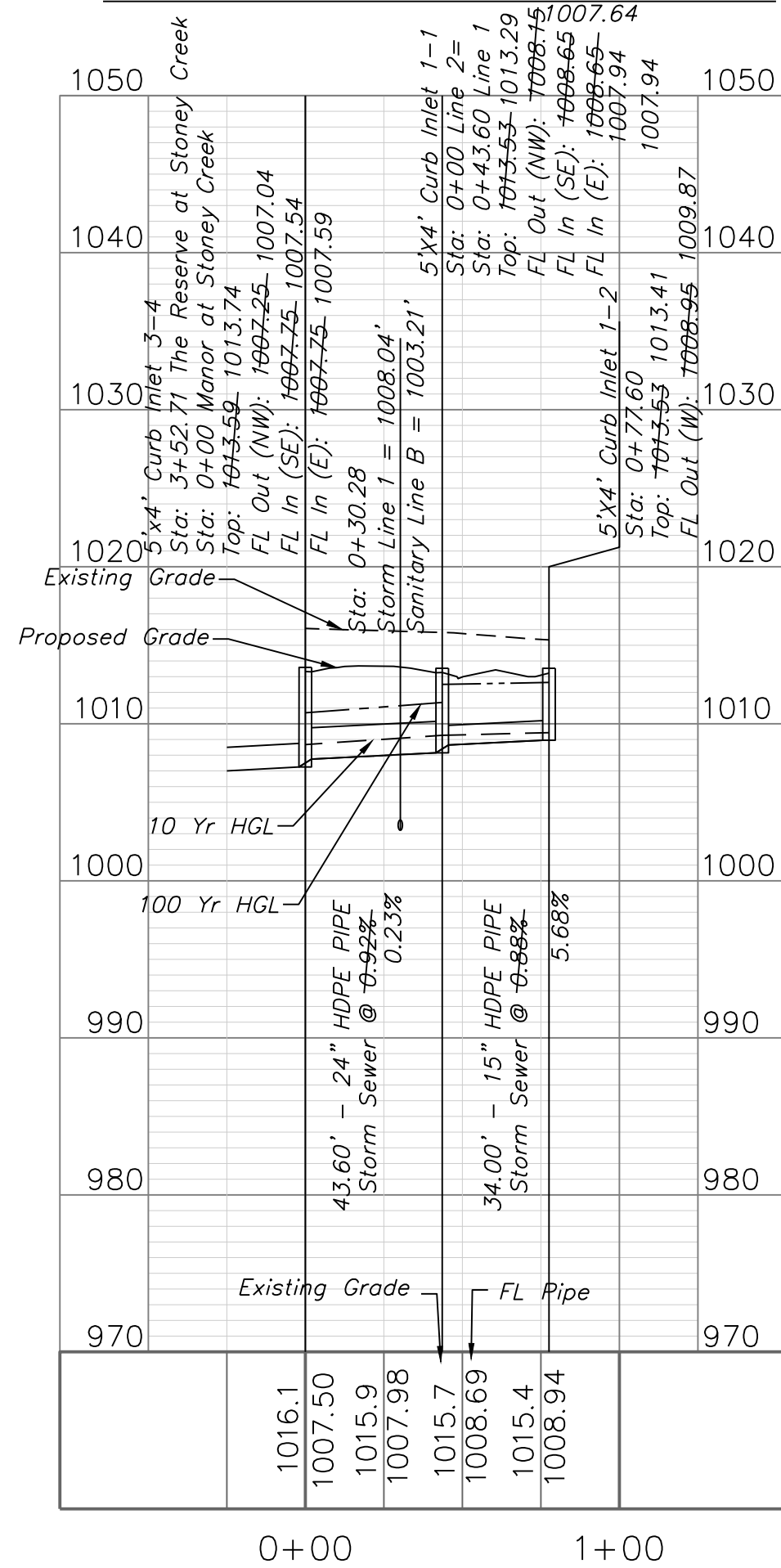


STORM SEWER PLAN & PROFILE

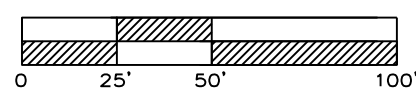
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STORM LINE 1

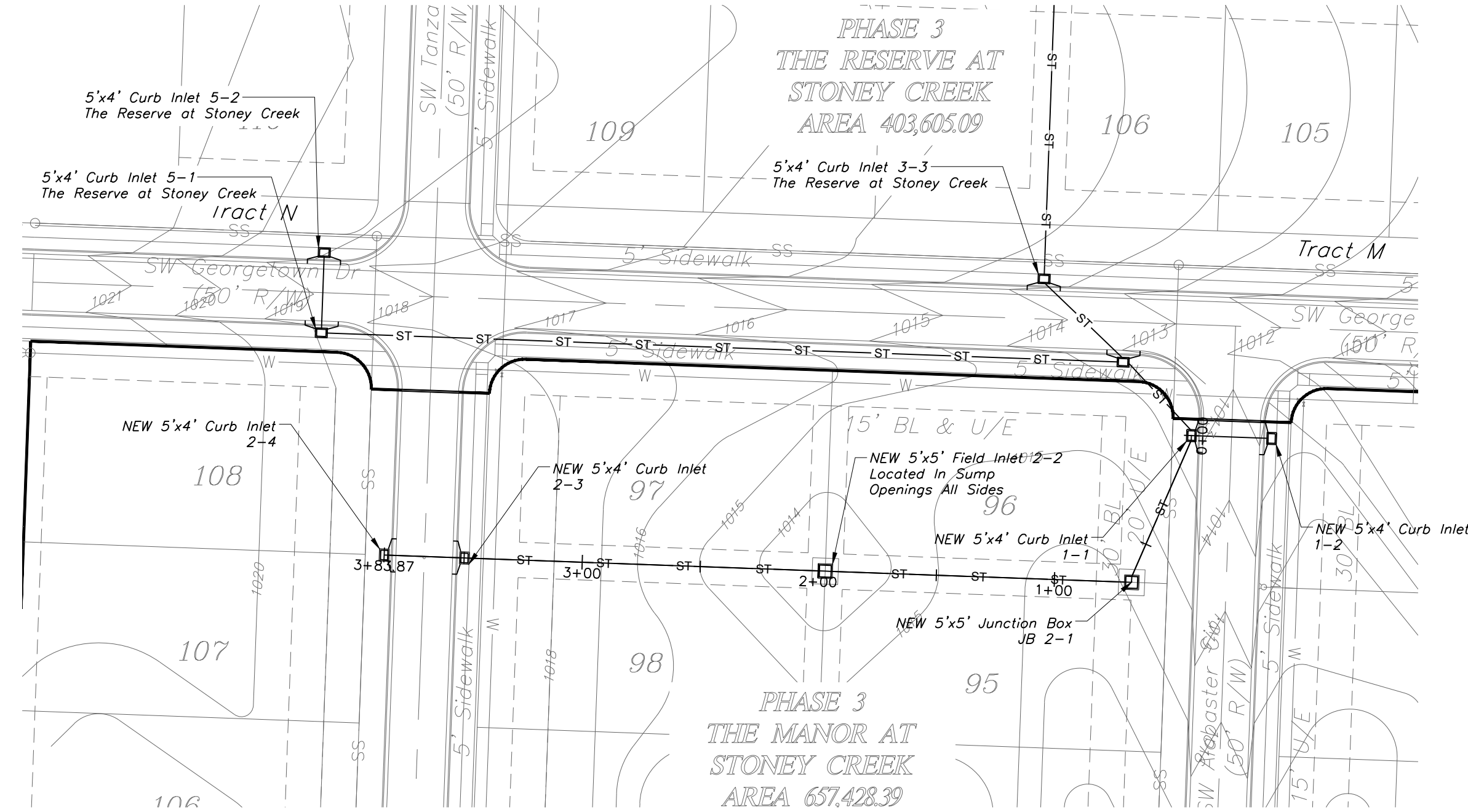


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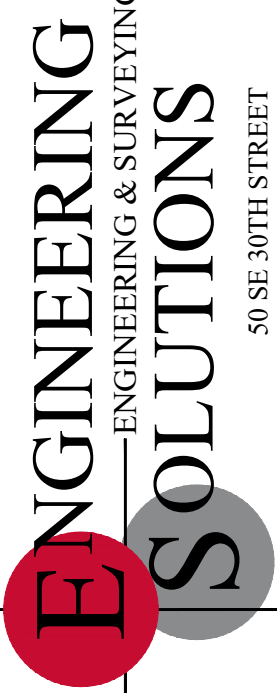
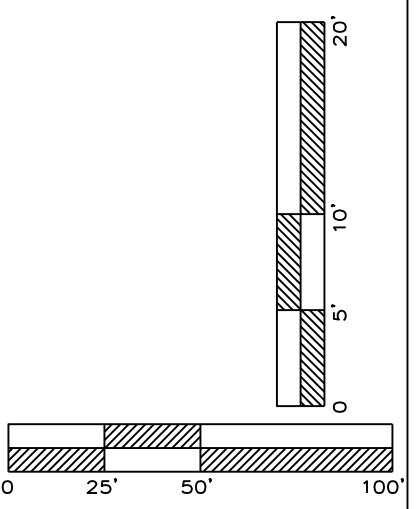
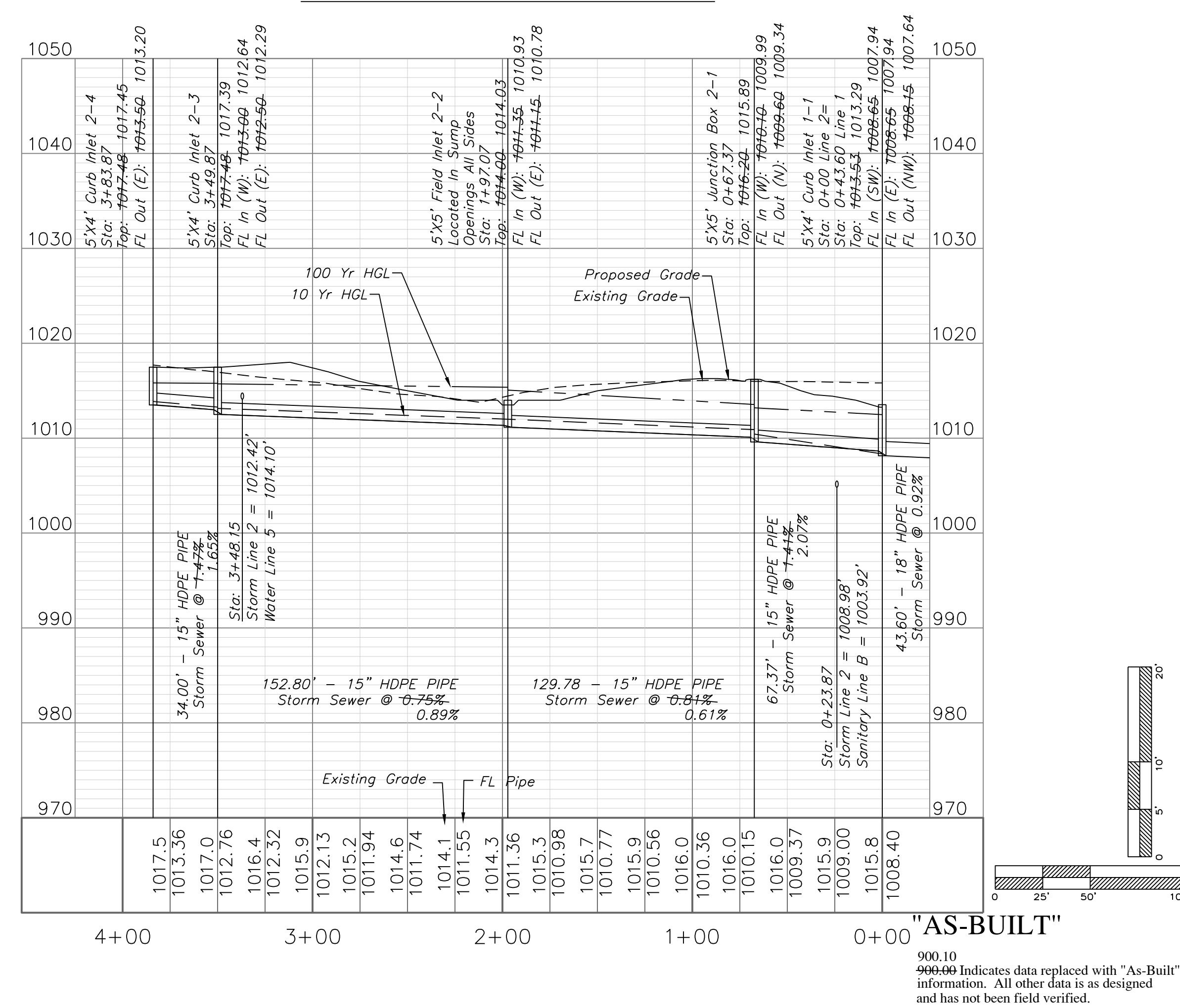


STORM SEWER PLAN & PROFILE

SCALE: 1" = 50'



STORM LINE 2

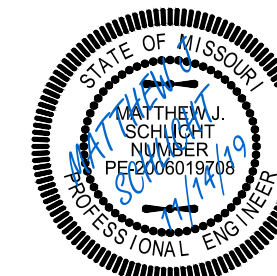


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Nebraska
Engineering CA2821

The Manor at Stony Creek - 3rd Plat
Lee's Summit, Jackson County, Missouri

Project AT
STONEY CREEK
3RD
Map Date
July 18, 2017

Storm Sewer Plan and Profile
Construction Plans for:
The Manor at Stony Creek - 3rd Plat
Lee's Summit, Jackson County, Missouri



Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25226

REVISIONS
9/24/19 - As-Built
11/7/19 - As-Built
11/14/19 - As-Built

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	US Inlet	US Inlet	Area (ac)	InletTime (min)	Int. (in/hr)	RunoffCoeff. (C)	Q to CA (cfs)	Q Carry-over (cfs)	Q Captured (cfs)	Q Bypassed (cfs)	JunctType	CurbLength (ft)	CurbLength (ft)	Q to TR (cfs)	GutterWidth (ft)	CrossSlope (ft/crossSlope)	CrossSlope (ft/crossSlope)	InletDepth (ft)	BypassDepth (ft)	BypassDepth (ft)	GutterDepth (ft)	GutterDepth (ft)		
Existing Storm Water Network at US Inlet	8.1	8.2	0.1	5	7.27	0.51	0.37	0	0.85	0.02	Curb	10	5	0.04	2	0.35	0.02	0.15	0.05	0.36	0.15	1.01		
	8.2	8.3	0.13	2	7.27	0.51	0.48	0	0.48	0	Curb	10	5	0.01	2	0.35	0.02	0.22	0	0	0.22	1.44		
	8.3	8.4	0.1	8.2	7.27	0.51	0.37	0	0.33	0	Curb	10	5	0.01	0.02	0.35	0.19	0	0	0	0.19	1.25		
	8.2	7.1	0.26	9.8	6.13	0.51	0.81	0.02	0.84	0	Curb	10	5	Sag	2	0.35	0.02	0.15	n/a	n/a	0.15	0.97		
	7.1	7.2	0.06	11.4	5.85	0.51	0.18	0	0.18	0	Curb	10	5	0.01	2	0.35	0.02	0.15	0	0	0.15	0.99		
	7.2	7.3	0.06	6.8	5.85	0.51	0.35	1	1.37	0.28	Curb	10	5	Sag	2	0.35	0.02	0.42	0.34	0.18	0.42	1.01		
	7.3	EX MW2	0.81	5	7.27	0.51	3	0.41	2.12	1.3	Curb	10	5	0.01	2	0.35	0.02	0.42	0.31	2.65	0.42	7.88		
	EX MW3	EX MW3	1.2	16	5.12	0.51	3.13	0.21	3.34	0	Curb	10	5	Sag	2	0.35	0.02	0.37	n/a	n/a	0.37	5.35		
	EX MW3	EX MW4	0.48	10.4	6.01	0.51	1.47	0	1.27	0.21	Curb	10	5	0.01	2	0.35	0.02	0.33	0.16	1.05	0.33	3.36		
	EX MW4	EX MW5	0.64	10.7	5.96	0.51	1.98	0	1.53	0.43	Curb	10	5	0.01	2	0.35	0.02	0.36	0.2	1.36	0.36	4.89		
Existing Storm Water Network at US Inlet	EX MW4	EX MW5.1	0	8	0	0.51	0	---	---	---	MH	---	---	---	---	---	---	---	---	---	---	---		
	EX MW5.1	EX MW5.2	0.79	8	6.51	0.51	2.62	0	2.62	0	Dr-Curb	10	2.47	Sag	---	---	0.02	0.02	0.52	n/a	n/a	0.52	25.91	
	EX MW5.2	EX MW5.3	0.06	16.5	5.08	0.51	2.46	0	2.46	0	Curb	10	12	Sag	---	---	0.02	0.02	0.17	n/a	n/a	0.17	8.3	
	EX MW5.3	EX MW5.4	0.06	16.5	5.08	0.51	2.46	0	2.46	0	Curb	10	12	Sag	---	---	0.02	0.02	0.15	n/a	n/a	0.15	7.61	
	EX MW5.4	EX MW5.5	0.79	14.6	5.31	0.51	2.14	0	2.14	0	Dr-Curb	10	12	Sag	---	---	0.02	0.02	0.15	n/a	n/a	0.15	7.61	
	EX MW5.5	EX MW5.6	0.72	7	6.74	0.51	2.48	0	2.48	0	Dr-Curb	10	12	Sag	---	---	0.02	0.02	0.17	n/a	n/a	0.17	8.39	
	EX MW5.6	EX MW6.1	1.16	7	6.74	0.51	3.99	0	3.99	0	Dr-Curb	10	12	Sag	---	---	0.02	0.02	0.23	n/a	n/a	0.23	11.53	
	7.1	7.1.1	1.11	7.6	6.5	0.51	3.74	1.89	5.13	0	Curb	10	5	Sag	2	0.35	0.02	0.38	0.38	0	0.38	5.77		
	8.3	5.4.1	0.72	9.5	6.19	0.51	2.27	0	2.27	0	Curb	10	5	Sag	2	0.35	0.02	0.28	n/a	n/a	0.28	1.89		
	5.4.1	5.4.2	0.38	5.7	7.08	0.51	1.37	0	1.37	0	Curb	10	5	Sag	2	0.35	0.02	0.2	n/a	n/a	0.2	1.85		
Existing Storm Water Network at US Inlet	5.4.2	5.4.3	0.06	5.6	7.1	0.51	3.44	0	3.44	0	Dr-Curb	10	5	Sag	2	0.35	0.02	0.21	n/a	n/a	0.21	10.44		
	5.4.2	5.5.1	0.22	5.7	7.08	0.51	0.79	0	0.79	0	Dr-Curb	10	5	Sag	2	0.35	0.02	0.14	n/a	n/a	0.14	0.94		
	11.1	1.2	0.13	5	7.27	0.51	0.47	0	0.47	0	Dr-Curb	10	12	Sag	---	---	0.02	0.02	0.06	n/a	n/a	0.06	2.78	
	1.2	1.3	0.02	8.7	6.36	0.51	0.20	0.02	0.20	0	Dr-Curb	10	12	Sag	---	---	0.02	0.02	0.15	n/a	n/a	0.15	7.35	
	1.3	1.4	0.5	9.3	6.19	0.51	1.58	0.18	1.77	0.02	Dr-Curb	10	12	Sag	---	---	0.02	0.02	0.13	n/a	n/a	0.13	6.89	
	1.4	1.5	0.11	7.4	6.65	0.51	0.37	0	0.37	0	Curb	10	5	0.01	2	0.35	0.02	0.2	0	0	0.2	1.31		
	1.5	1.6	0.14	6.8	6.79	0.51	0.49	0	0.49	0	Curb	10	5	0.01	2	0.35	0.02	0.22	0	0	0.22	1.44		
	1.6	1.7	0.06	6.33	9.95	0.51	1.04	0	1.04	0	Dr-Curb	10	12	Sag	---	---	0.02	0.02	0.15	n/a	n/a	0.15	4.7	
	3.3	2.1	0.21	7.9	5.53	0.51	0.07	0.09	0.77	0.02	Curb	10	5	0.01	2	0.35	0.02	0.26	0.07	0.44	0.26	1.73		
	2.1	2.2	0.35	9.5	6.19	0.51	1.11	0	1.02	0.09	Curb	10	5	0.01	2	0.35	0.02	0.29	0.11	0.77	0.29	1.97		
Existing Storm Water Network at US Inlet	1.4	3.1	0.25	9.9	6.11	0.51	0.78	0.61	1.21	0.18	Curb	10	5	0.01	2	0.35	0.02	0.32	0.15	0.99	0.32	3.04		
	3.1	3.2	0.51	9.8	5.13	0.51	1.59	0.1	1.77	0.16	Curb	10	5	0.01	0.02	0.38	0.28	0.38	0.28	0.77	0.38	6.17		
	3.2	3.3	0.78	10.1	6.07	0.51	2.42	0.06	1.77	0.7	Curb	10	5	0.01	2	0.35	0.02	0.38	0.25	1.66	0.38	6.17		
	3.3	3.4	0.31	6.27	0.51	0.99	0	0.99	0	Curb	10	5	Sag	2	0.35	0.02	0.16	n/a	n/a	0.16	1.09			
	3.4	4.1	0.32	12.4	5.66	0.51	0.33	0.1	0.33	0.01	Curb	10	5	0.01	0.02	0.35	0.25	0.35	0.25	0.75	0.35	1.88		
	4.1	4.2	0.35	8.34	0.51	1.13	0	1.03	0.1	Curb	10	5	0.01	2	0.35	0.02	0.3	0.12	0.79	0.3	1.88			
	3.4	5.1	0.34	12.4	5.66	0.51	0.98	0	0.92	0.06	Curb	10	5	0.01	2	0.35	0.02	0.28	0.1	0.65	0.28	1.88		
	5.1	5.2	0.12	8.1	6.49	0.51	0.4	0	0.4	0	Curb	10	5	0.01	2	0.35	0.02	0.2	0	0	0.2	1.34		
	4.1	M1.1	0.56	11.6	5.6	0.51	1.66	0	1.66	0	Curb	10	5	Sag	2	0.35	0.02	0.23	n/a	n/a	0.23	1.53		
	M1.1	M1.2	0.4	10.9	5.92	0.51	1.69	0	1.69	0	Curb	10	5	Sag	2	0.35	0.02	0.23	n/a	n/a	0.23	1.55		
Existing Storm Water Network at US Inlet	M1.2	M2.1	0	0	0	0	---	---	---	---	MH	---	---	---	---	---	---	---	---	---	---	---		
	M2.1	M2.2	0.69	9.9	6.11	0.51	2.12	0	2.12	0	Dr-Curb	10	5	Sag	2	0.35	0.02	0.27	n/a	n/a	0.27	8.1		
	M2.2	M2.3	0.39	10.1	6.07	0.51	1.21	0	1.21	0	Curb	10	5	Sag	2	0.35	0.02	0.19	n/a	n/a	0.19	1.24		
	M2.3	M2.4	0.39	10.1	6.07	0.51	1.21	0	1.21	0	Curb	10	5	Sag	2	0.35	0.02	0.19	n/a	n/a	0.19	1.24		
	7.7	Future	2.78	9.6	6.17	0.51	8.75	0	8.75	0	Hwall	---	---	---	---	---	---	---	---	---	---	---		
	6.2	6.3	0.2	12.4	5.2	0.727	0.51	0.88	0	0.88	0	Curb	10	12	Sag	---	---	0.02	0.02	0.08	n/a	n/a	0.08	4.24
	6.2	6.3	0.52	9.8	6.13	0.51	1.63	0	1.63	0	Curb	10	5	Sag	2	0.35	0.02	0.3	n/a	n/a	0.3	1.51		
	6.3	6.4	0.77	11.4	5.83	0.51	2.29	0.42	2.71	0.27	Curb	10	5	Sag	2	0.35	0.02	0.32	n/a	n/a	0.32	2.97		
	6.4	6.5	0.02	9.5	6.19	0.51	1.86	0	1.54	0.42	Curb	10	5	0.01	2	0.35	0.02	0.36	0.21	0.36	0.21	4.52		
	6.5	6.6	0.21	8.3	6.44	0.51	0.98	0.28	0.37	1.89	0	Curb	10	5	Sag	2	0.35	0.02	0.44	0.35	4.73	0.44	8.07	
Existing Storm Water Network at US Inlet	9.1	9.2	0.64	10.5	6	0.51	1.96	0	1.96	0	Curb	10	5	Sag	2	0.35	0.02	0.26	n/a	n/a	0.26	1.71		
	9.2	9.3	0.98	7.6	6.56	0.51	3.3	0	3.3	0	Curb	10	5	Sag	2	0.35	0.02	0.36	n/a	n/a	0.36	5.21		
	10.2	10.2	0.28	11.1	6.08	0.51	1.89	0	1.89	0	Curb	10	5	Sag	2	0.35	0.02	0.15	n/a	n/a	0.15	0.98		
	10.2	10.3	0.7	8.9	6.32	0.51	2.25	0	2.25	0	Curb	10	5	Sag	2	0.35	0.02	0.28	n/a	n/a	0.28	1.88		
	10.3	10.4	0	8.8	0	0.51	0	---	---	---	None	---	---	---	---	---	---	---	---	---	---	---		
	10.4	51.1	0.69	8.1	6.49	0.51	2.28	0	2.28	0	Curb	10	5	Sag	2	0.35	0.02	0.28	n/a	n/a	0.28	1.9		
	51.1	51.2	0.1	6	6.51	0.51	0.39	0	0.39	0	Curb	10	5	Sag	2	0.35	0.02	0.41	n/a	n/a	0.41	7.45		
	51.2	51.1	0.57	8	6.51	0.51	1.89	0	1.89	0	Dr-Curb	10	12	Sag	---	---	0.02	0.02	0.14	n/a	n/a	0.14	7.01	
	51.1	51.3	0.7	6.5	6.87	0.51	2.45	0	2.45	0	Curb	10	5	Sag	2	0.35	0.02	0.3	n/a	n/a	0.3	1.99		
	51.3	51.4	0	0	0	0.51	0	---	---	---	MH	---	---	---	---	---	---	---	---	---	---	---		
Existing Storm Water Network at US Inlet	51.4	56.1	1.09	8.8	6.34	0.51	3.52	0	3.52	0	Dr-Curb	10	12	Sag	---	---	0.02	0.02	0.21	n/a	n/a	0.21	10.61	
	56.1	56.2	0.49	8.8	6.34	0.51	1.58	0	1.58	0	Dr-Curb	10	12	Sag	---	---	0.02	0.02	0.12	n/a	n/a	0.12	6.22	
	56.2	56.3	0.91	5.8	7.05	0.51	3.27	0	3.27	0	Dr-Curb	10	12	Sag	---	---	0.02	0.02	0.2	n/a	n/a	0.2	10.1	
	51.1	53.1	0.58	7.1	6.72	0.51	1.89	0	1.89	0	Dr-Curb	10	12	Sag	---	---	0.02	0.02	0.25	n/a	n/a	0.25	1.78	
	53.1	53.2	0.66	7.1	6.72	0.51	2.26	0	2.26	0	Curb	10	5	Sag	2	0.35	0.02	0.28	n/a	n/a	0.28	1.89		
	51.1	57.1	0.65	7.5	6.63	0.51	2.2	0	2.2	0	Curb	10	5	Sag	2	0.35	0.02	0.28	n/a	n/a	0.28	1.85		
	51.1	57.2	0.39	6.1	6.96	0.51	1.89	0	1.89	0	Curb	10	5	Sag	2	0.35	0.02	0.12	n/a	n/a	0.12	1.36		
	11.1	11.2	0.83	6.2	6.94	0.51	1.17	0	1.17	0	Curb	10	5	Sag	2	0.35	0.02	0.18	n/a	n/a	0.18	1.22		
	11.3	51.6	1.13	6.2	6.94	0.51	4	0	4	0	Curb	10												

	ID	S Inlet	U S Inlet	Structure Type	Unlength	Incr.Area	TotalArea	RunoffCoeff.	IntTime (min)	10 Year Storm Slope										HGLdn	HGLUp
										TimeConc	TotalRunoff	TotalFlow	Capacitl	Veloc	PipeSizt	PipeSlop	Inv ElevDn	Inv ElevUp	HGLDn		
Flowing Stormwater From a Stormwater Pond	8.1	8.2	Curb Inlet	132.43	0.13	0.13	0.51	5	18.7	27.82	27.82	30.6	2.21	38.6	988.9	988.9	988.9	988.9			
	8.2	8.3	Curb Inlet	66.48	0.13	0.25	0.51	5	9.7	7.84	7.84	15.77	5.44	24	2.26	988.5	991	990.71	992.08		
	8.3	8.4	Curb Inlet	74	0.1	0.1	0.51	8.2	8.2	0.33	0.33	13.56	1.41	15	4.41	991.5	993	992.08	993.22		
	8.2	7.1	Curb Inlet	70.76	0.26	9.07	0.51	9.8	18.4	21.74	21.74	17.33	1.17	36	4.24	989.5	992.5	990.71	994		
	7.2	7.1	Curb Inlet	349.26	0.06	7.1	0.51	11.4	19	18.01	18.01	7.48	2.47	36	1.86	990.5	993	992.08	994		
	7.2	7.3	Curb Inlet	71.78	0.1	7.64	0.51	6.2	18.8	18.88	18.88	56.66	4.47	36	1.89	996.5	997.5	998.38	997.88		
	EX M6.3	EX M6.2	Field Inlet	74.54	0.81	7.54	0.51	5	18.6	18.43	18.43	54.44	4.41	36	0.67	998	998.93	998	998.87		
	EX M6.3	EX M6.4	Field Inlet	252.45	1.6	1.2	0.67	10.6	18.7	18.69	18.69	40.6	5.07	36	0.53	999	1000.25	1000.25	999.87		
	EX M6.3	EX M6.4	Field Inlet	282.2	0.84	5.53	0.51	10.4	17.6	13.83	13.83	5.44	4.79	36	0.6	999.59	1001.35	1001.71	1002.53		
	EX M6.4	EX M6.5	Curb Inlet	31.07	0.64	0.64	0.51	10.7	10.7	1.34	1.94	15.39	6.25	15	6.12	1005.1	1005	1003.74	1005.3		
Flowing Stormwater From a Stormwater Pond	EX M6.4	EX M6.3	Manhole	124.5	0	0.441	0.51	8	17.33	11.14	11.14	51.54	4.52	36	0.6	1003.85	1002.6	1002.8	1003.66		
	EX M6.3	EX M6.3	Field Inlet	89.33	0.78	4.41	0.51	11.7	12.17	12.17	15.32	1.16	36	0.6	1001.85	1001.7	1001.7	1001.85			
	EX M3.2	EX M3.3	Field Inlet	73.38	0.95	3.62	0.51	16.6	16.6	9.3	9.3	31.71	5.29	30	0.6	1003.85	1004.87	1004.78	1005.89		
	EX M3.3	EX M3.4	Field Inlet	168.99	1.79	2.67	0.51	14.6	14.6	7.23	7.23	17.57	5.11	24	0.6	1005.12	1006.14	1006.01	1007.09		
	EX M3.4	EX M3.5	Field Inlet	170.61	0.72	0.72	0.51	7	7	2.48	2.48	8.12	3.42	18	0.6	1006.39	1007.41	1007.09	1008.01		
	EX M3.5	EX M3.6	Field Inlet	25.16	1.16	1.16	0.51	3.9	3.9	7.42	7.42	36.34	10.77	15	0.6	1004.85	1005.84	1005.84	1006.85		
	7.1	32.1	Curb Inlet	34.05	1.11	1.11	0.51	7.6	7.6	3.74	3.74	8.73	4.1	15	1.47	993.5	994	994	994.28		
	8.3	34.1	Curb Inlet	93.81	0.72	2.27	0.51	9.5	9.5	7.17	7.17	15.56	7.06	18	2.2	996.86	998.92	997.58	999.96		
	S4.1	S4.2	Curb Inlet	213.38	0.38	1.55	0.51	6.1	5.51	5.51	15.99	4.85	18	2.3	999.02	1003.91	999.02	1004.81			
	S4.2	S4.3	Curb Inlet	137.86	0.39	0.39	0.51	5.6	5.6	8.44	8.44	14.52	7.25	15	1.85	1004.58	1005.21	1004.81	1005.56		
Flowing Stormwater From a Stormwater Pond	S4.2	S5.1	Curb Inlet	34	0.22	0.22	0.51	5.7	5.7	0.79	0.79	8.79	3.64	15	1.85	1004.58	1005.21	1004.81	1005.56		
	1.1	1.2	Field Inlet	338.71	0.14	10.	0.51	5	15.4	28.21	28.21	63.29	5.89	36	0.9	987	990.05	989.22	991.77		
	1.2	1.3	Field Inlet	69.34	0.62	10.53	0.51	8.7	15.3	27.97	27.97	168.86	8.56	36	6.42	990.55	996.71	995.77	998.92		
	1.3	1.4	Field Inlet	243.87	0.5	9.33	0.51	14.8	25.8	33.09	33.09	113.17	8.56	36	7.79	995.5	1002.3	999.71	1003.82		
	1.4	1.5	Curb Inlet	299.4	0.11	3.36	0.51	7.4	10	10.43	10.43	51.27	6.67	30	1.57	1003.8	1007.87	1004.57	1008.95		
	1.5	1.6	Curb Inlet	34	0.14	3.25	0.51	6.8	9.9	10.43	10.43	41.29	8.36	24	3.82	1003.77	1009.5	1009.05	1010.64		
	1.6	1.7	Curb Inlet	49.92	0.32	9.9	0.51	9.7	9.7	9.74	9.74	26.3	7.63	24	2.63	1001.7	1007.25	1006.75	1008.3		
	1.9	2.1	Curb Inlet	113.05	0.21	0.56	0.51	7.9	8.7	1.76	1.76	2.56	15	3.14	996.75	1000.3	996.71	1000.83			
	2.1	2.2	Curb Inlet	44.79	0.35	0.35	0.51	9.5	9.5	1.11	1.11	6.35	3.57	15	1	1000.8	1001.25	1001.15	1001.66		
	1.4	3.1	Curb Inlet	113.05	0.25	5.47	0.51	9.9	14.4	14.89	14.89	28.88	5.53	30	0.53	1003.3	1003.9	1003.9	1005.5		
Flowing Stormwater From a Stormwater Pond	3.1	3.2	Curb Inlet	34.06	0.51	4.06	0.51	10.7	10.7	16.2	16.2	15.3	10.5	30	0.6	1004.4	1005	1004.4	1005.5		
	3.2	3.3	Curb Inlet	101.04	0.78	4.14	0.51	10.1	13.9	11.44	11.44	35	5.83	30	0.53	1003.3	1003.4	1006.28	1007.53		
	3.3	3.4	Curb Inlet	49.16	0.56	0.31	0.29	9.51	9.1	11.7	8.54	8.54	19.01	5.53	24	0.71	1006.9	1007.25	1007.84	1008.29	
	3.4	3.5	Curb Inlet	92.51	0.42	0.57	0.51	12.4	12.4	1.64	1.64	9.57	7.15	15	2.2	1004.4	1011.5	1009.5	1012.01		
	1.2	4.1	Curb Inlet	34.06	0.3	0.39	0.51	8.8	8.8	1.13	1.13	1.88	3.83	17	1.47	1001.7	1007.25	1006.75	1008.3		
	3.4	5.1	Curb Inlet	339.59	0.12	0.46	0.51	12.4	12.4	1.33	1.33	6.79	3.79	15	1.1	1007.75	1011.5	1008.13	1011.56		
	5.1	5.2	Curb Inlet	34	0.34	0.12	0.51	8.1	8.1	0.4	0.4	7.83	2.84	15	1.47	1012	1012.5	1012.19	1012.74		
	3.4	M3.1	Curb Inlet	43.6	0.56	2.59	0.51	11.6	10.7	7.65	7.65	21.6	5.54	24	0.92	1007.75	1008.15	1008.57	1009.13		
	M3.1	M1.2	44	0.4	0.56	0.19	0.51	10.9	10.9	1.69	1.69	2.88	5.83	15	0.88	1008.5	1009.15	1009.15	1010.7		
	M1.2	M2.1	Manhole	52.28	0	1.47	0	0	11	4.43	4.43	8.7	6.05	15	1.82	1006.65	1006.6	1009.28	1010.45		
Flowing Stormwater From a Stormwater Pond	M2.1	M2.2	Field Inlet	144.79	0.69	1.47	0.51	9.9	10.5	4.49	4.49	5	5.39	15	0.73	1010.1	1011.15	1010.96	1012.01		
	M2.2	M3.3	Curb Inlet	52.88	0.39	0.78	0.51	10.1	10.2	2.4	2.4	9.53	3.93	15	0.8	1011.35	1012.5	1012.12	1013.12		
	M3.3	M3.4	Curb Inlet	34	0.38	0.38	0.51	10.1	10.1	2.8	2.8	11.1	3.83	15	0.88	1008.5	1009.15	1009.15	1010.7		
	1.7	Future	Future Pipe	50	2.78	2.78	0.51	9.6	9.6	8.75	8.75	22.62	5.97	24	1	1013	1013.5	1013.86	1014.55		
	6.1	6.2	Field Inlet	45.43	0.24	3.36	0.51	5	11.9	8.83	9.83	7.79	5.98	18	0.55	988	988.25	988.22	989.24		
	6.3	6.3	Curb Inlet	146.21	0.52	3.18	0.51	11.8	11.8	2.55	2.55	15.56	5.72	15	0.88	992.25	992.75	992.75	993.25		
	6.3	6.4	Curb Inlet	34	0.77	2.6	0.51	11.4	11.4	7.73	7.73	2.79	5.71	18	0.74	992.5	992.75	993.57	993.83		
	6.4	6.5	Curb Inlet	77.13	0.62	1.83	0.51	9.5	9.5	5.78	5.78	12.29	7.12	15	3.57	993.25	996	993.86	996.97		
	6.5	6.6	Curb Inlet	33.92	1.21	1.21	0.51	8.3	8.3	3.98	3.98	7.84	5.58	15	1.47	997.25	997.75	997.88	998.56		
	6.6	6.7	Curb Inlet	197.17	0.64	1.62	0.51	4.95	4.95	4.95	4.95	4.95	4.95	15	1.01	988	988.25	988.25	989.24		
Flowing Stormwater From a Stormwater Pond	9.2	9.3	Curb Inlet	33.53	0.58	0.58	0.51	7.6	7.6	3.3	3.3	9.66	4.83	18	1.49	985.5	986.25	986.14	986.86		
	10.1	10.2	Curb Inlet	143.08	0.28	10.27	0.51	11.1	11.9	30.12	30.12	147.08	7.73	48	1.05	980	981.5	981.23	983.13		
	10.2	10.3	Curb Inlet	34.71	0.7	0.99	0.51	8.9	11.8	29.37	29.37	133.54	7.37	48	0.86	982.5	982.8	983.78	984.41		
	10.3	10.4	No Structure	124.42	0	9.24	0.51	11.7	27.85	27.85	27.85	2.35	5.6	88.1	982.5	982.5	983.78	984.41			
	10.4	11.1	Curb Inlet	149.22	0.69	9.29	0.51	8.1	21.6	27.6	27.6	70.34	8.02	36	1.11	986.59	988.25	987.9	989.5		
	11.1	11.2	Curb Inlet	34.01	1.1	7.36	0.51	6	11.3	21.93	21.93	79.23	6.31	36	1.41	988.49	988.97	988.95	990.47		
	11.2	11.3	Field Inlet	138	0.57	6.26	0.51	8	11.1	18.81	18.81	10.51	8.25	36	2.27	988.93	992.6	990.47	993.99		
	11.3	11.4	Curb Inlet	134	0.7	5.04	0.51	10.5	10.5	29.29	29.29	84.86	6.86	36	1.93	988.49	988.97	988.95	990.47		
	11.3	11.4	Manhole	207.64	0	3.21	0	0	10.2	9.9	9.9	27.14	6.7	24	1.44	999.11	1002.1	999.95	1003.22		
	11.4	11.5	Curb Inlet	201.27	1.09	2.49	0.51	8.8	9.6	7.83	7.83	8.76	5.6	18	0.7	1003.56	1004.96	1004.67	1006.07		
Flowing Stormwater From a Stormwater Pond	11.5	11.6	Field Inlet	185	0.41	4.53	0.51	8.8	8.8	4.52	4.52	4.86	3.69	15	0.57	1003.56	1004.96	1004.67	1006.07		
	11.6	11.7	Curb Inlet	187.01	0.91	0.91	0.51	2.8	3.2	3.2	3.2	10.2	10.2	1007.28	1007.81	1007.81	1008.34				
	11.1	11.3	Curb Inlet	225.46	0.58	1.24	0.51	7.1	7.2	4.23	4.23	12.31	6.09	15	3.63	989.35	997.54	989.35	998.37		
	11.3	11.3	Curb Inlet	34.01	0.66	0.66	0.51	7.1	7.1	2.26	2.26	11.61	4.04	15	3.23	997.8	998.9	998.37	999.5		
	11.3	11.3	Curb Inlet	34.01	0.46	0.46	0.51	7.5	7.5	2.2	2.2	11.5	3.83	15	3.23	997.8	998.9	998.37	999.5		
	11.4	11.4	Curb Inlet	101.74	0.39	0.72	0.51	6.2	6.4	2.53	2.53	13.64	4.26	15	4.46	1002.91	1007.45	1003.28	1008.09		
	11.1	11.2	Curb Inlet	52.71	0.33	0.33	0.51	6.2	6.2	1.17	1.17	19.8	6.27	15	2.3	1007.83	1009.04	1008.12	1009.47		
	11.3	11.6	Curb Inlet	34.01	1.13	1.13	0.51	6.2	6.2	4	4										



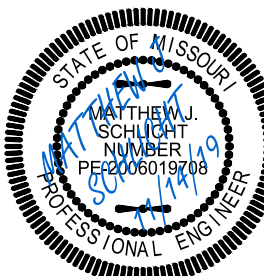
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Nebraska
Engineering CA2821

The Manor at Stoney Creek - 3rd Plat
Lee's Summit, Jackson County, Missouri

Project: MANOR AT STONEY CREEK 3RD

Issue Date: July 18, 2017

10 Year Storm Sewer Tables
Construction Plans for:
The Manor at Stoney Creek - 3rd Plat
Lee's Summit, Jackson County, Missouri



Matthew J. Schlich
MO PE 200601970
KS PE 19071
OK PE 25226

REVISIONS

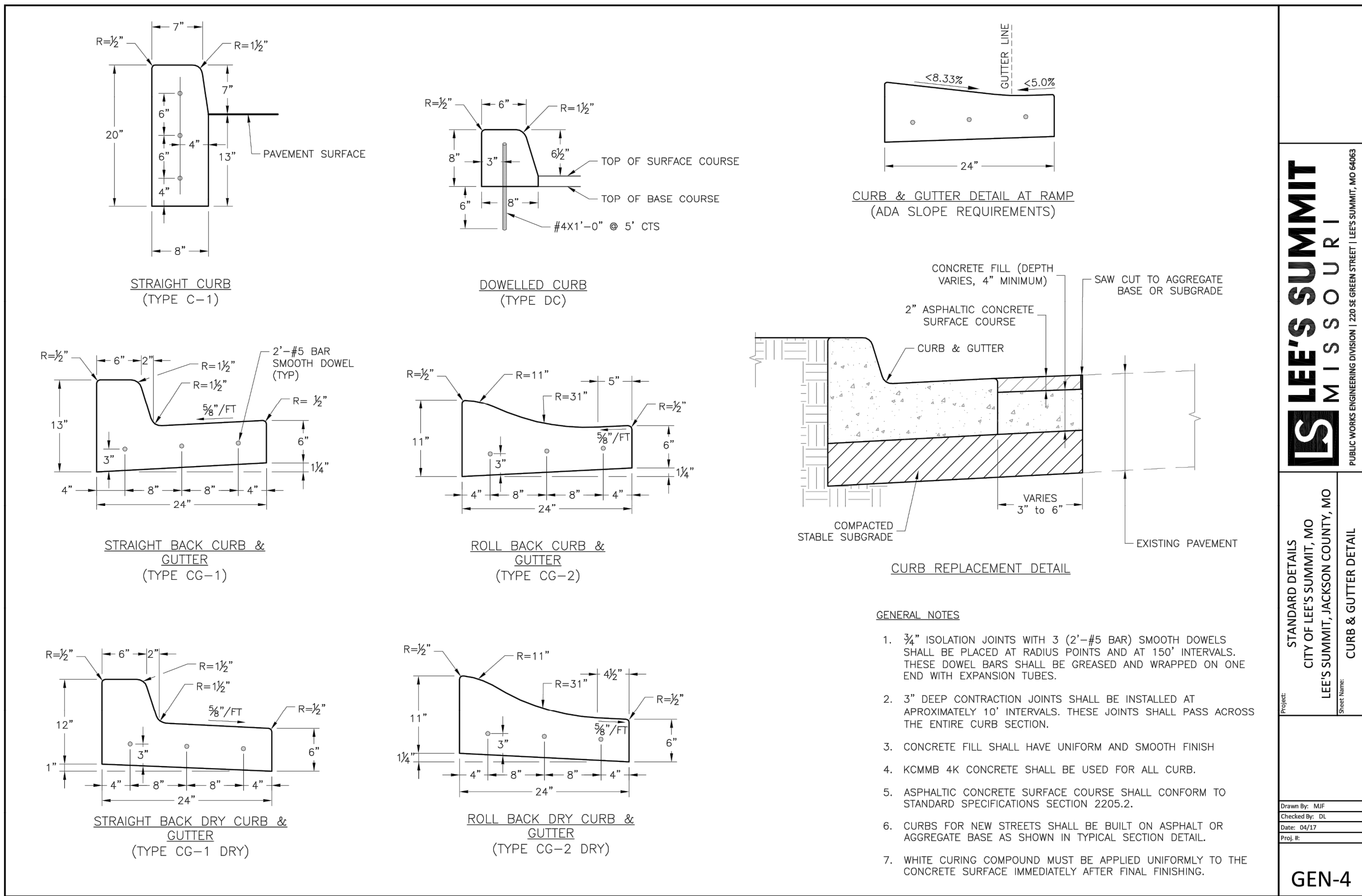
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11/7/19 - As-Built
11/14/19 - As-Built

C.302

Record Drawing

"AS-BUILT"

900.10
~~900.00~~ Indicates data replaced with "As-Built"
 information. All other data is as designed
 and has not been field verified.



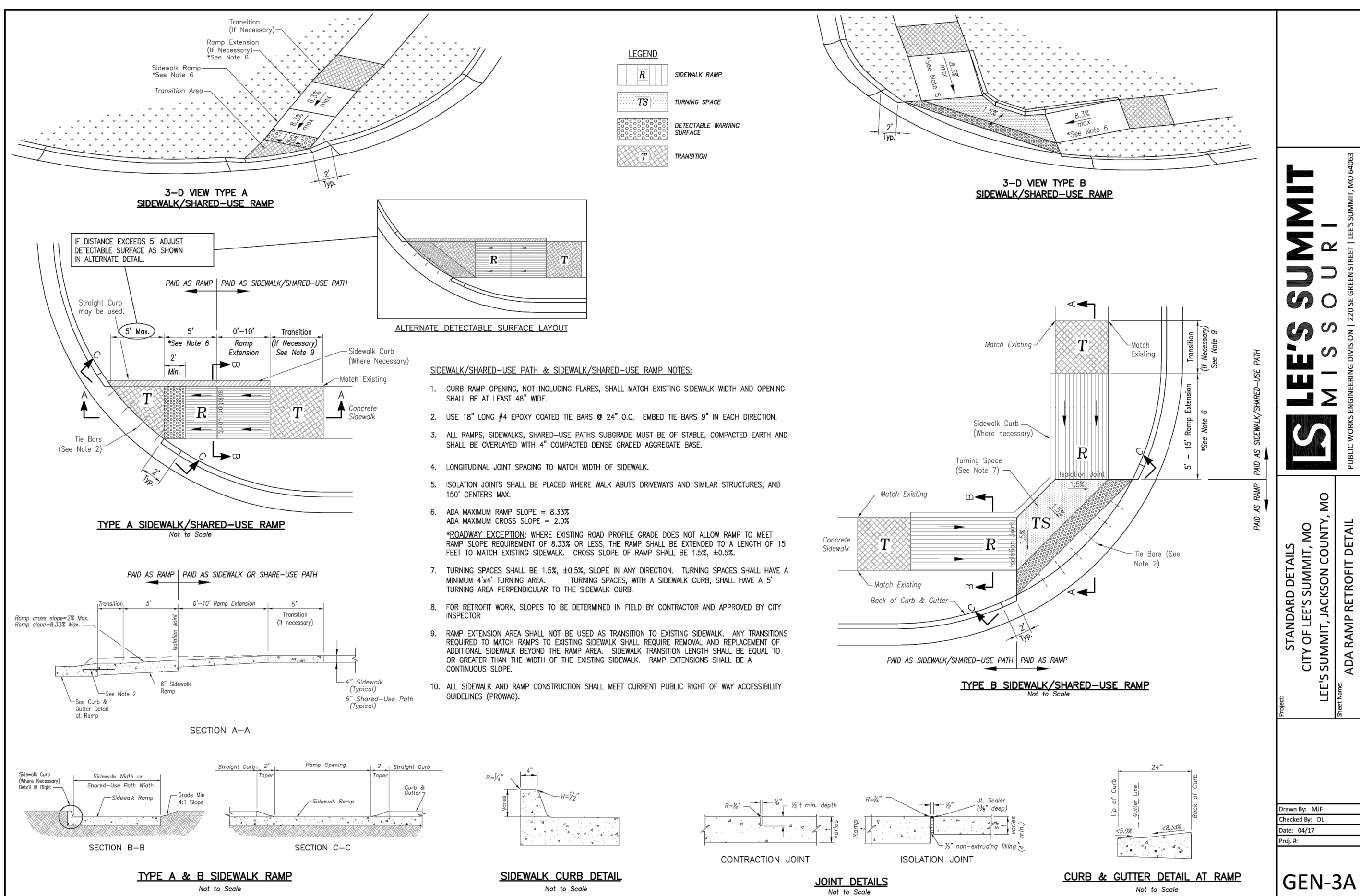
LEE'S SUMMIT
MISSOURI

PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64083

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

PROJECT NAME: CURB & GUTTER DETAIL

GEN-4



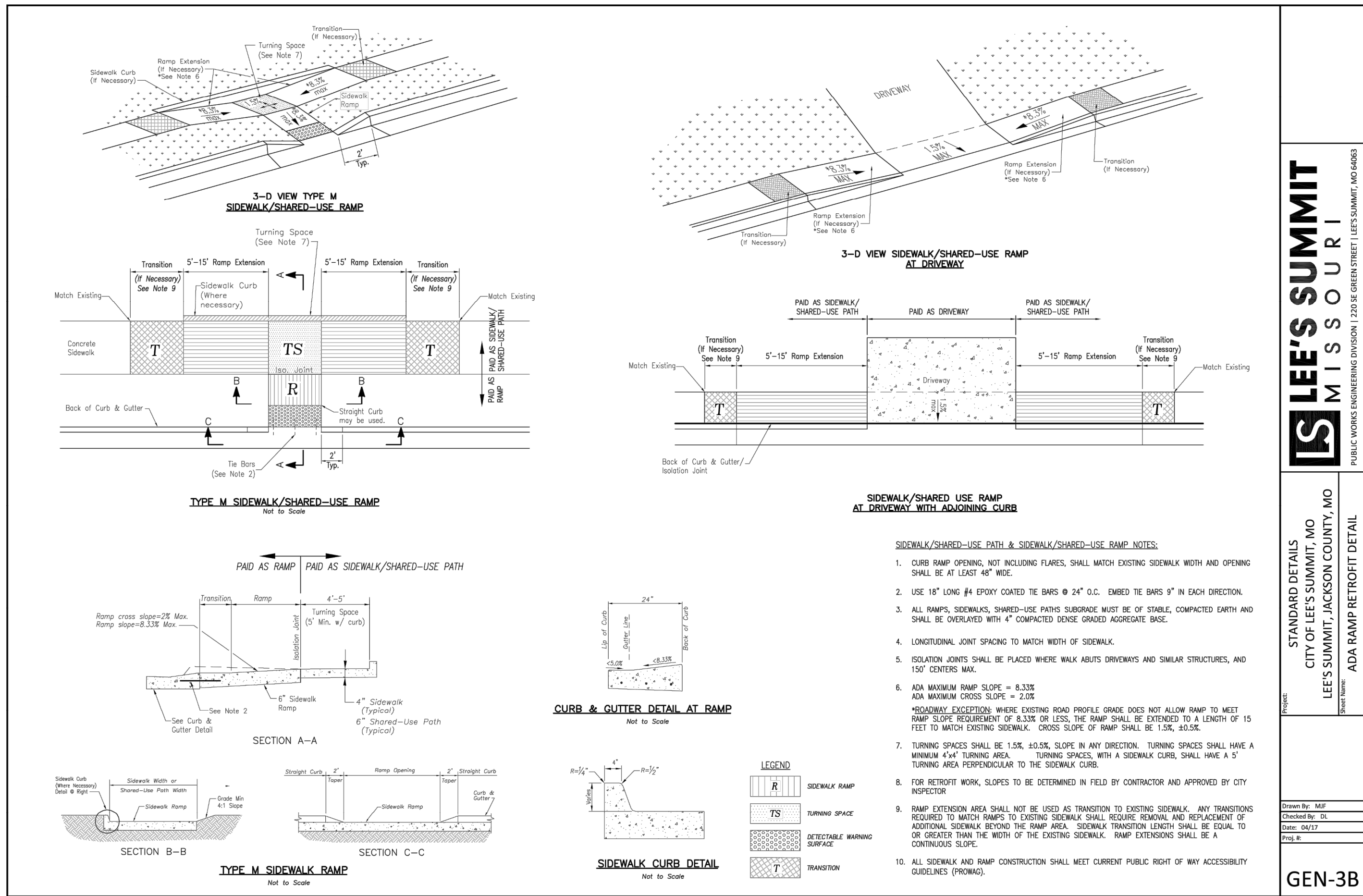
LEE'S SUMMIT
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PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64083

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

PROJECT NAME: ADA RAMP RETROFIT DETAIL

GEN-3A



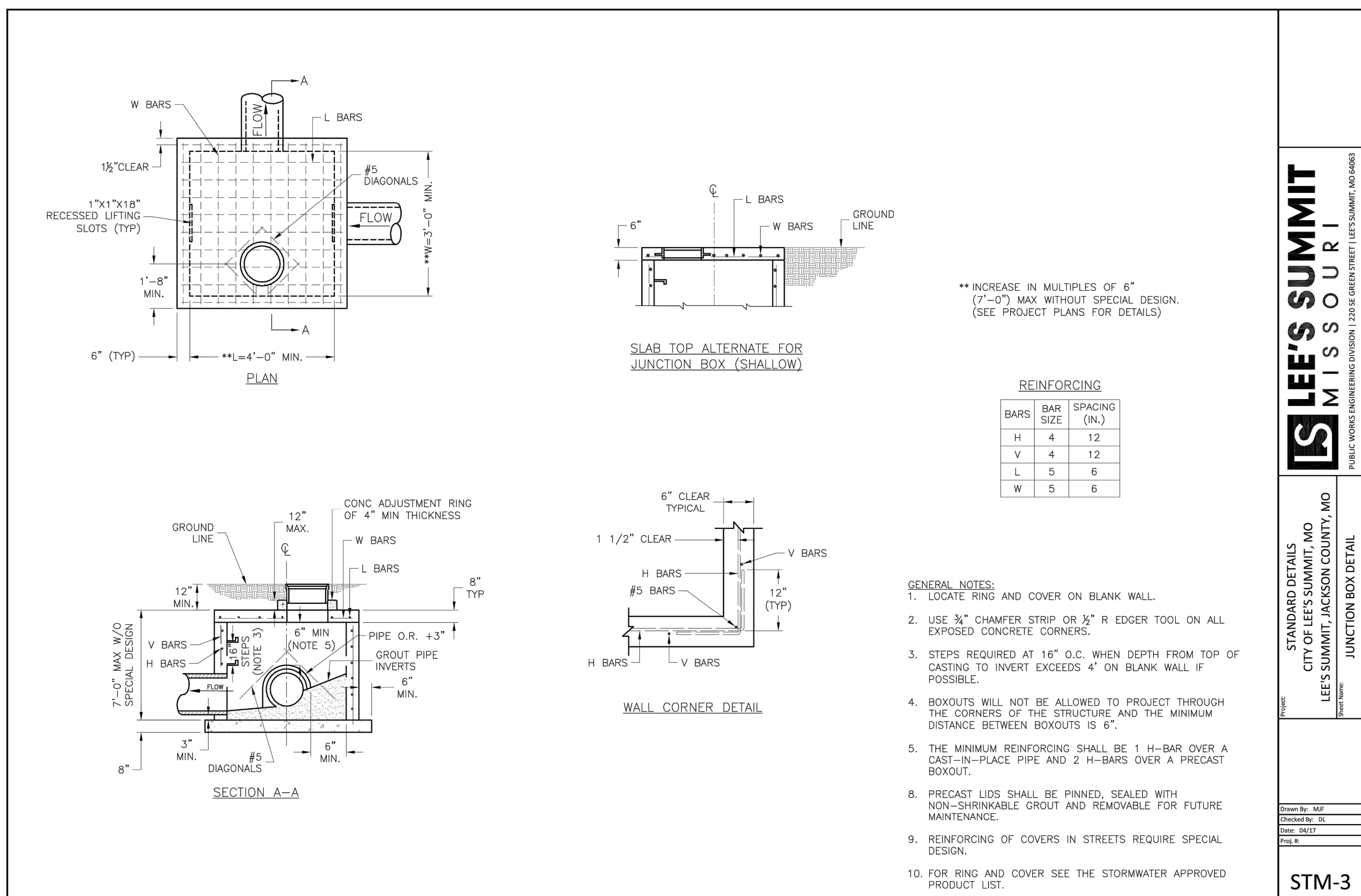
LEE'S SUMMIT
MISSOURI

PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64083

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

PROJECT NAME: ADA RAMP RETROFIT DETAIL

GEN-3B



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

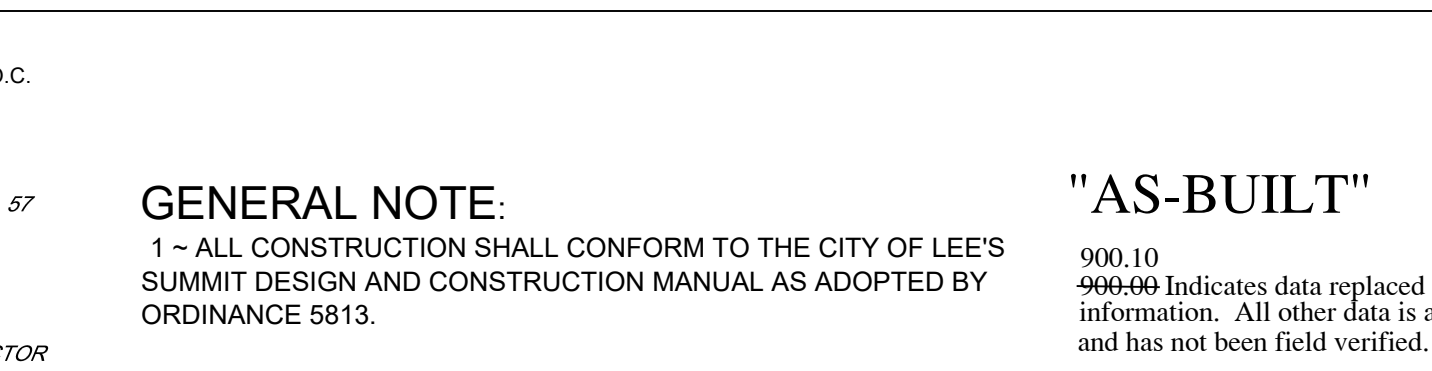
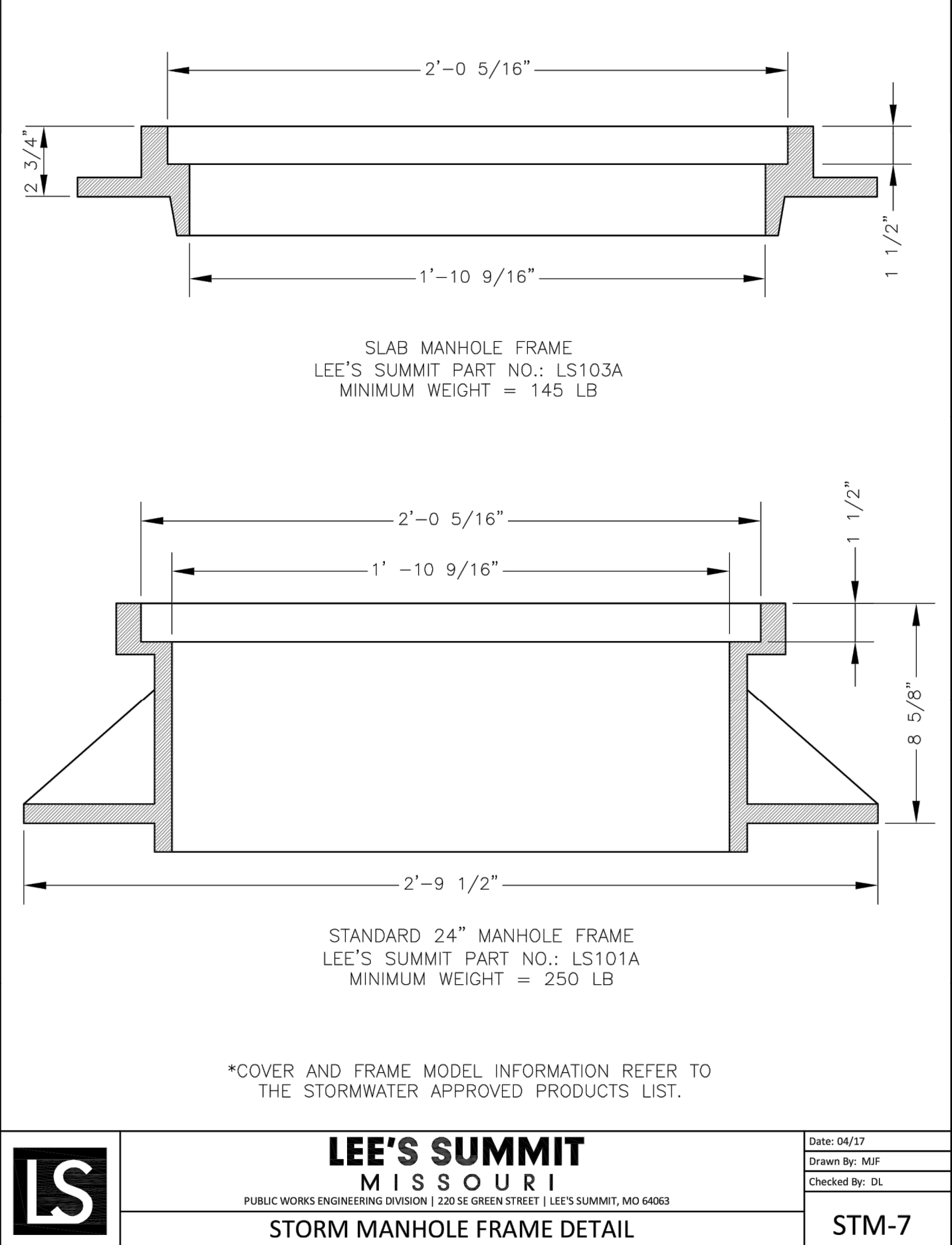
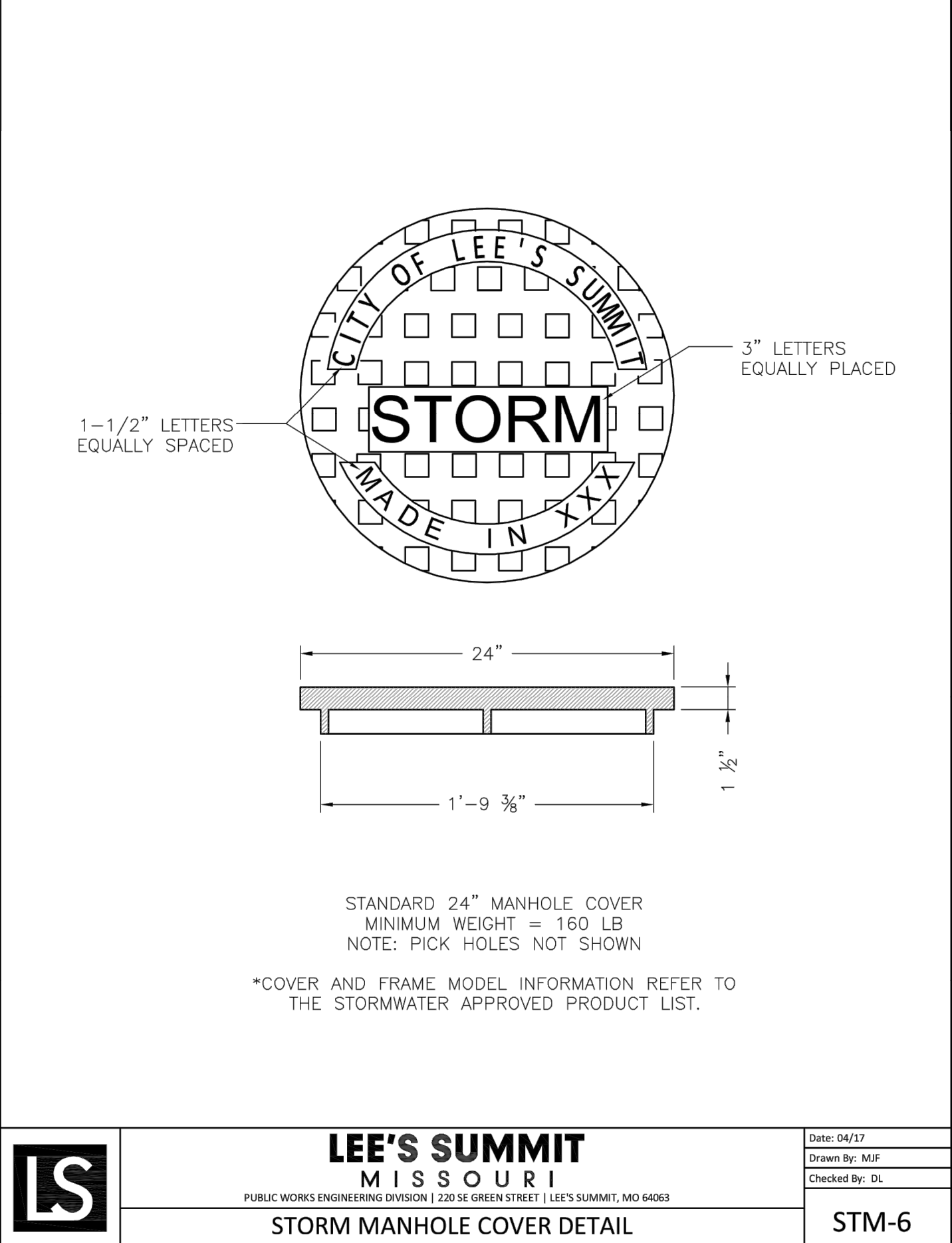
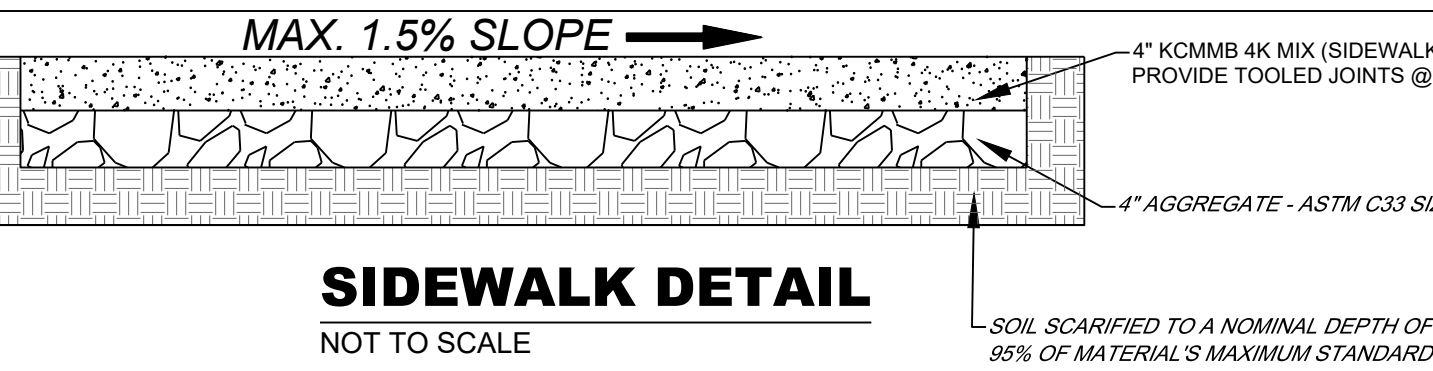
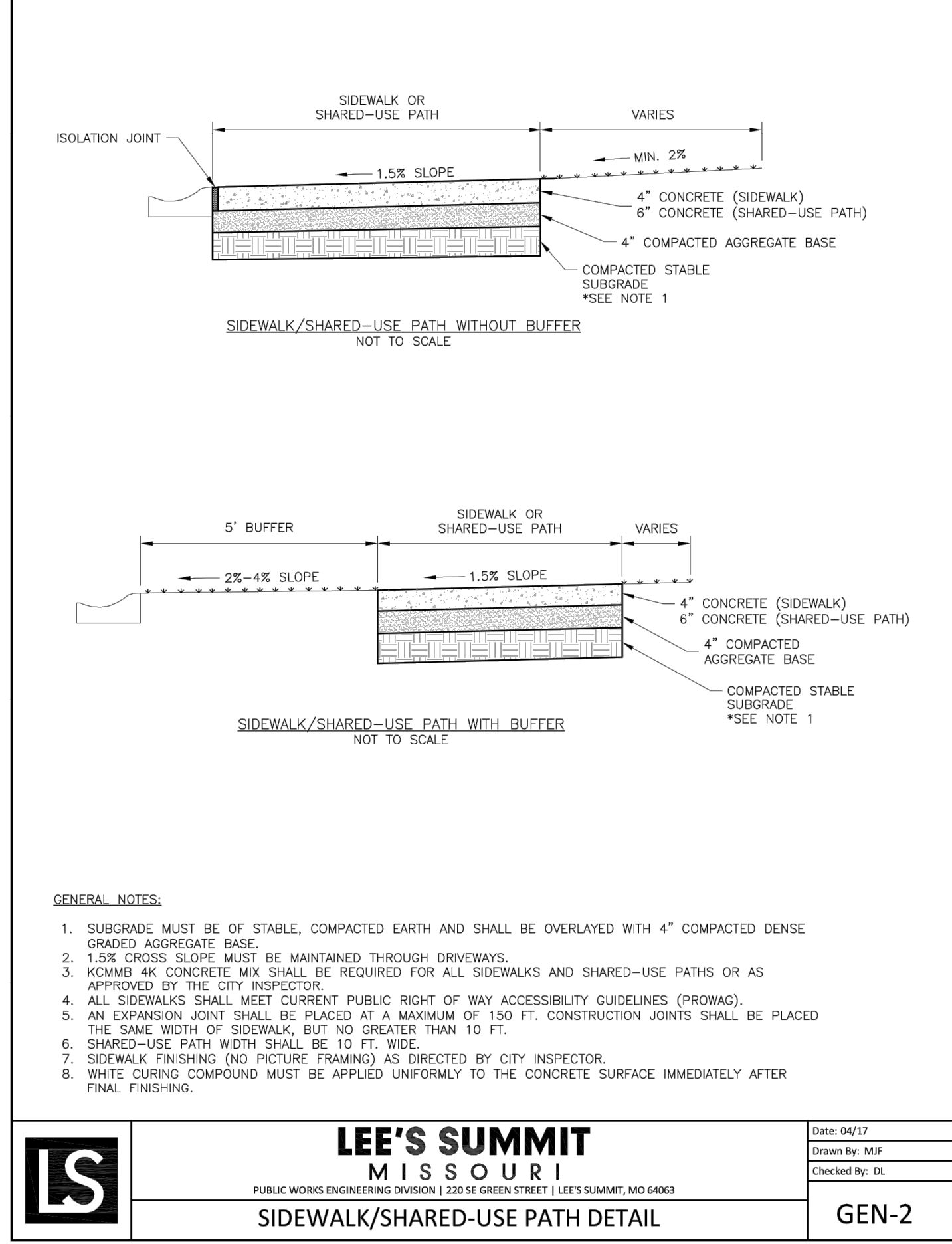
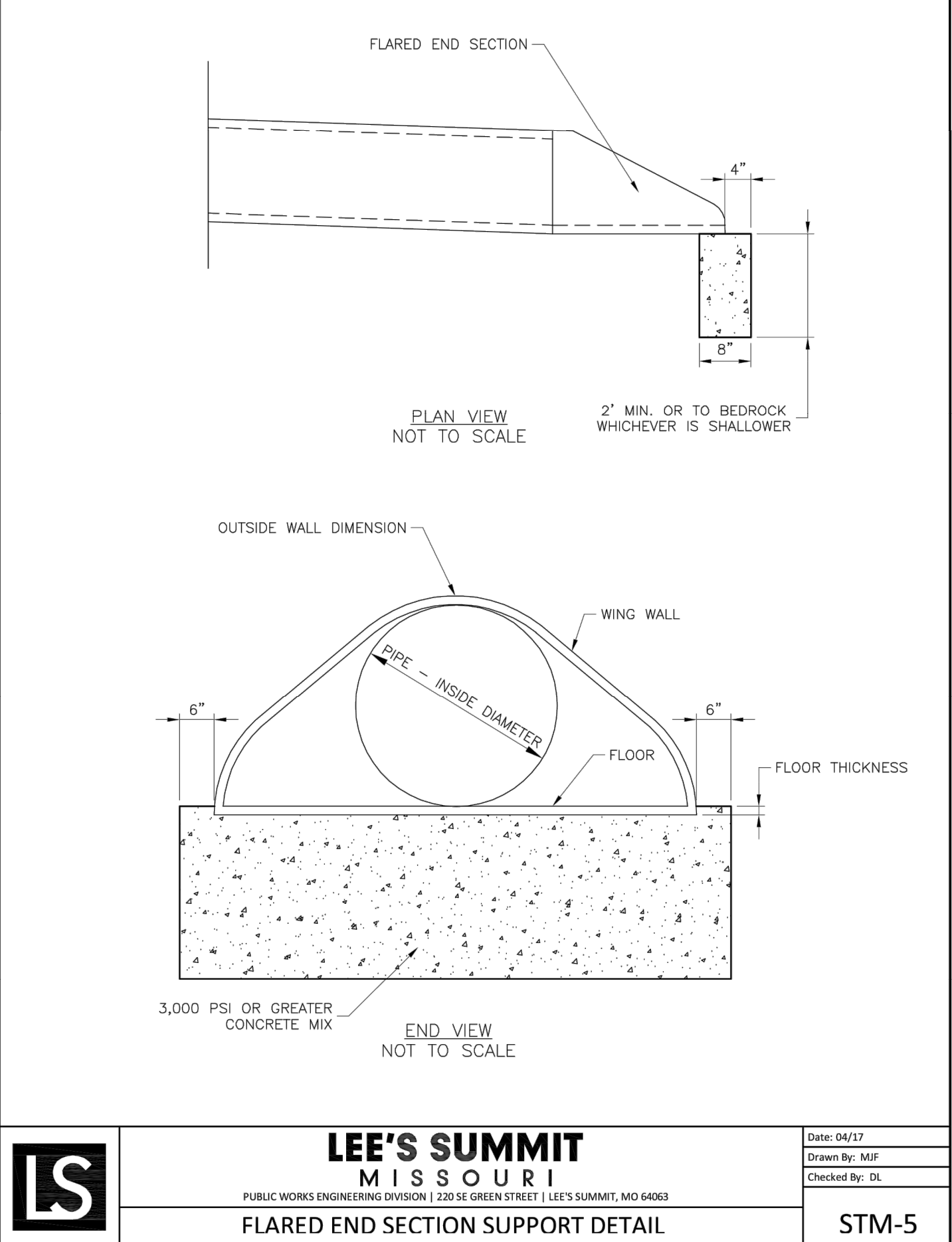
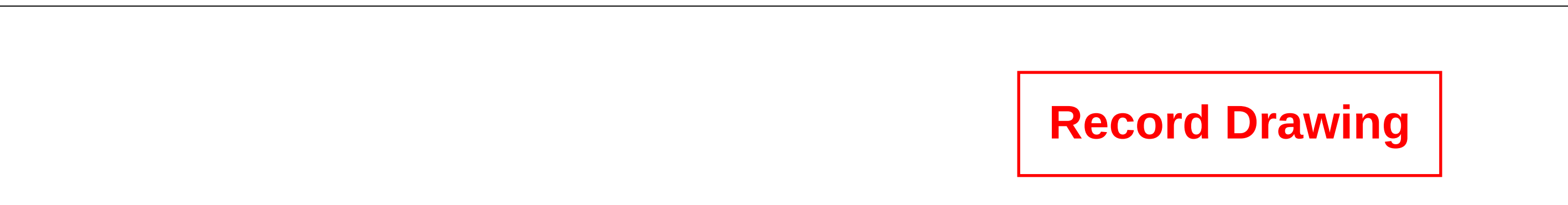
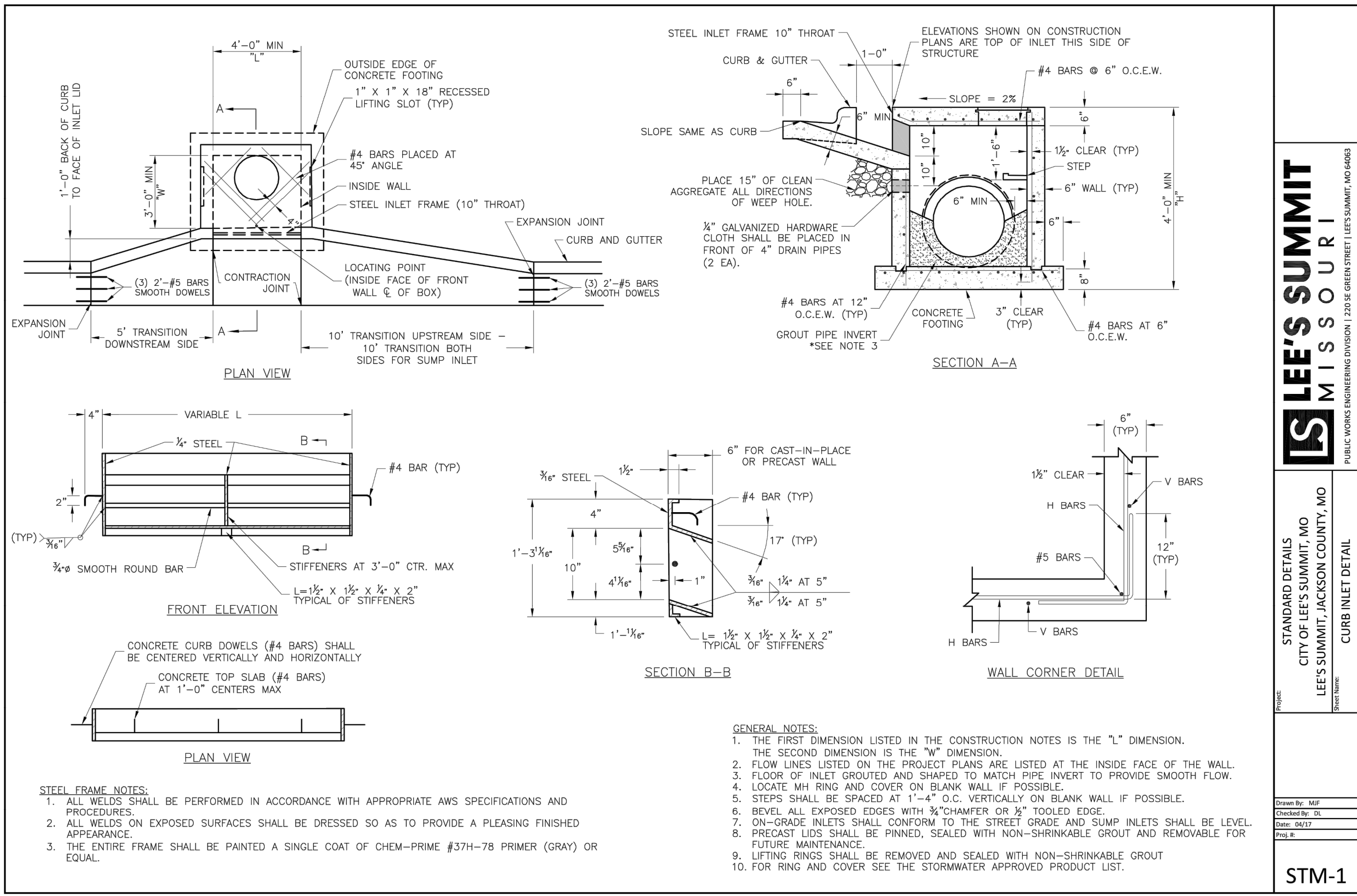
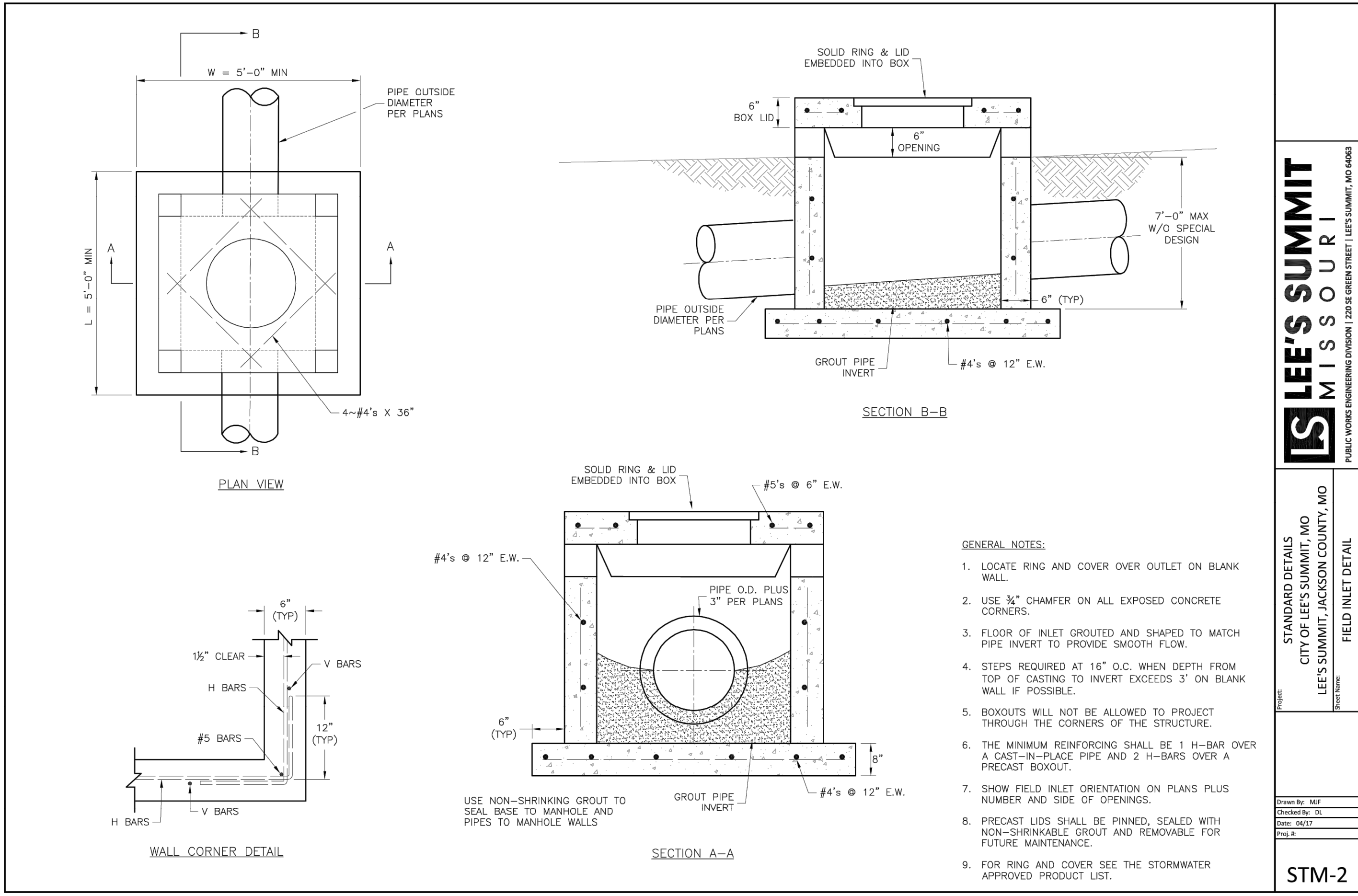
PROJECT NAME: JUNCTION BOX DETAIL

STM-3

Record Drawing

GENERAL NOTE:
1 ~ ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL AS ADOPTED BY ORDINANCE 5813.

"AS-BUILT"
900.10
900.00 Indicates data replaced with "As-Built" information. All other data is as designed and has not been field verified.



ENGINEERING
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ENGINEERING & SURVEYING

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

Professional Registration

Missouri
Engineering 2005002188-D
Surveying 2005005189-D
Kansas
Engineering E-1695
Surveying LS-218
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

The Manor at Stoney Creek - 3rd Plat

Lee's Summit, Jackson County, Missouri

Project AT
STONEY CREEK
3RD

Issue Date
July 18, 2017

Construction Details

Construction Plans for:

The Manor at Stoney Creek - 3rd Plat

Lee's Summit, Jackson County, Missouri

Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25226

REVISIONS

9/24/19 - As-Built

11/7/19 - As-Built

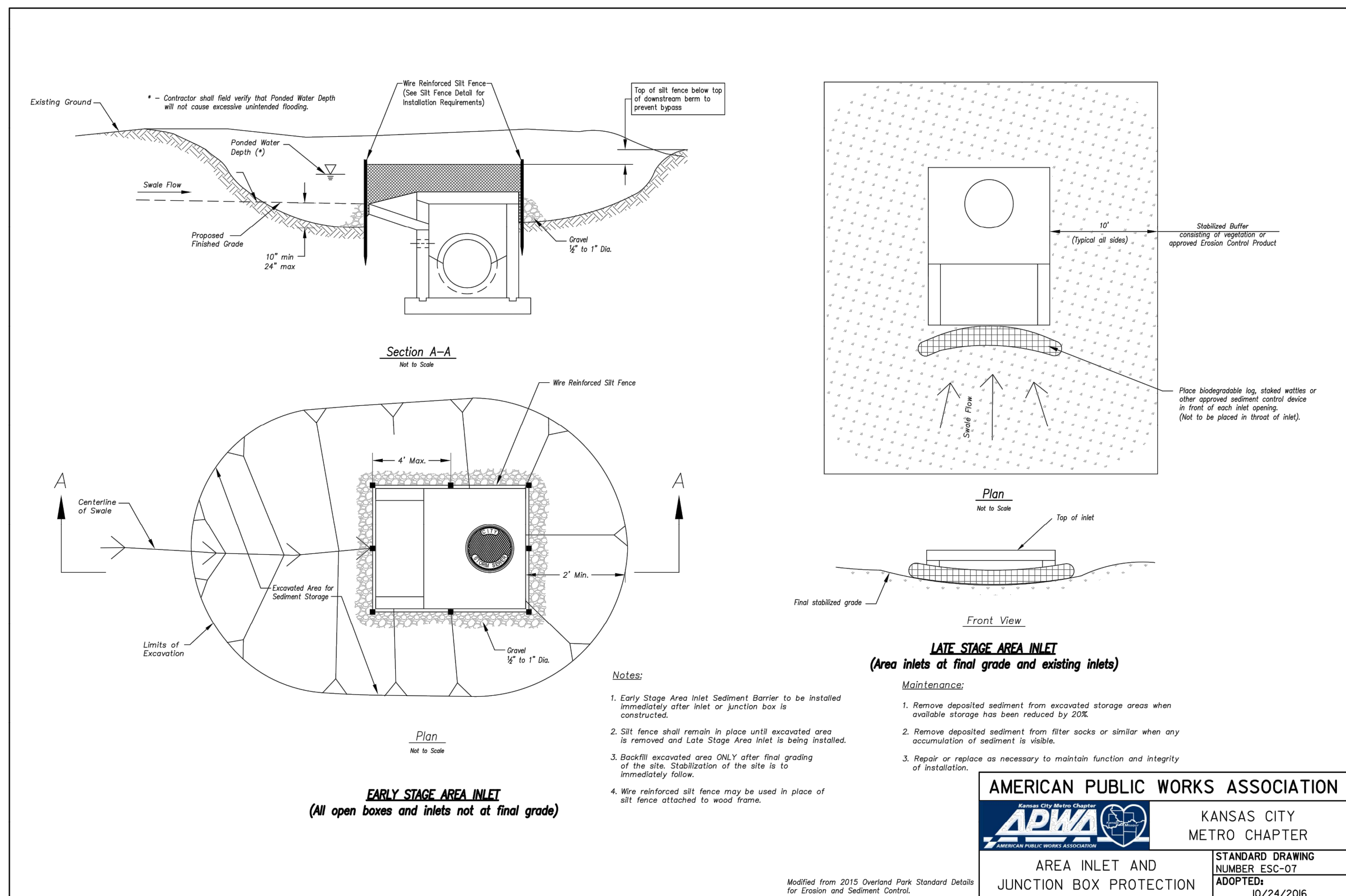
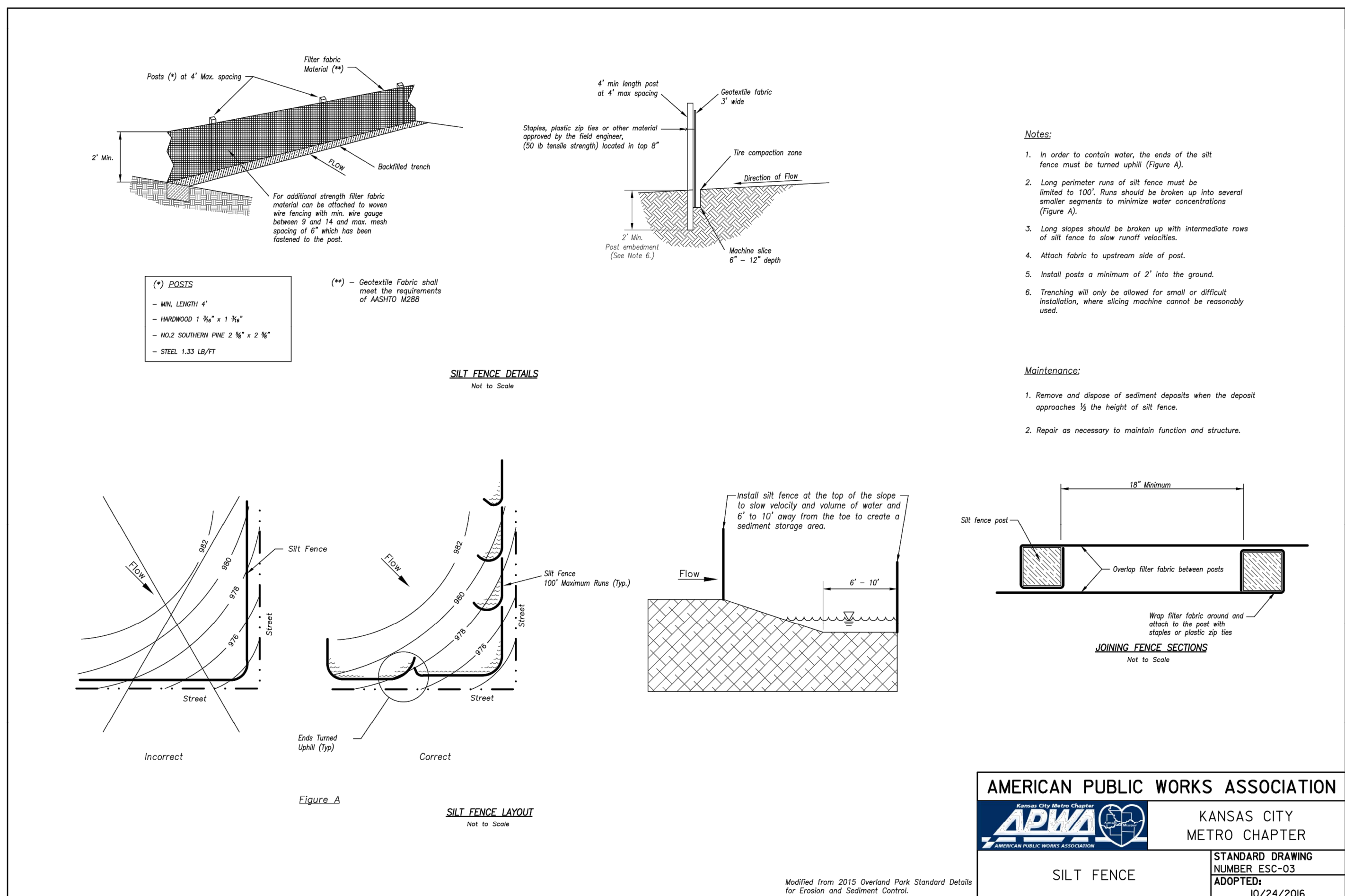
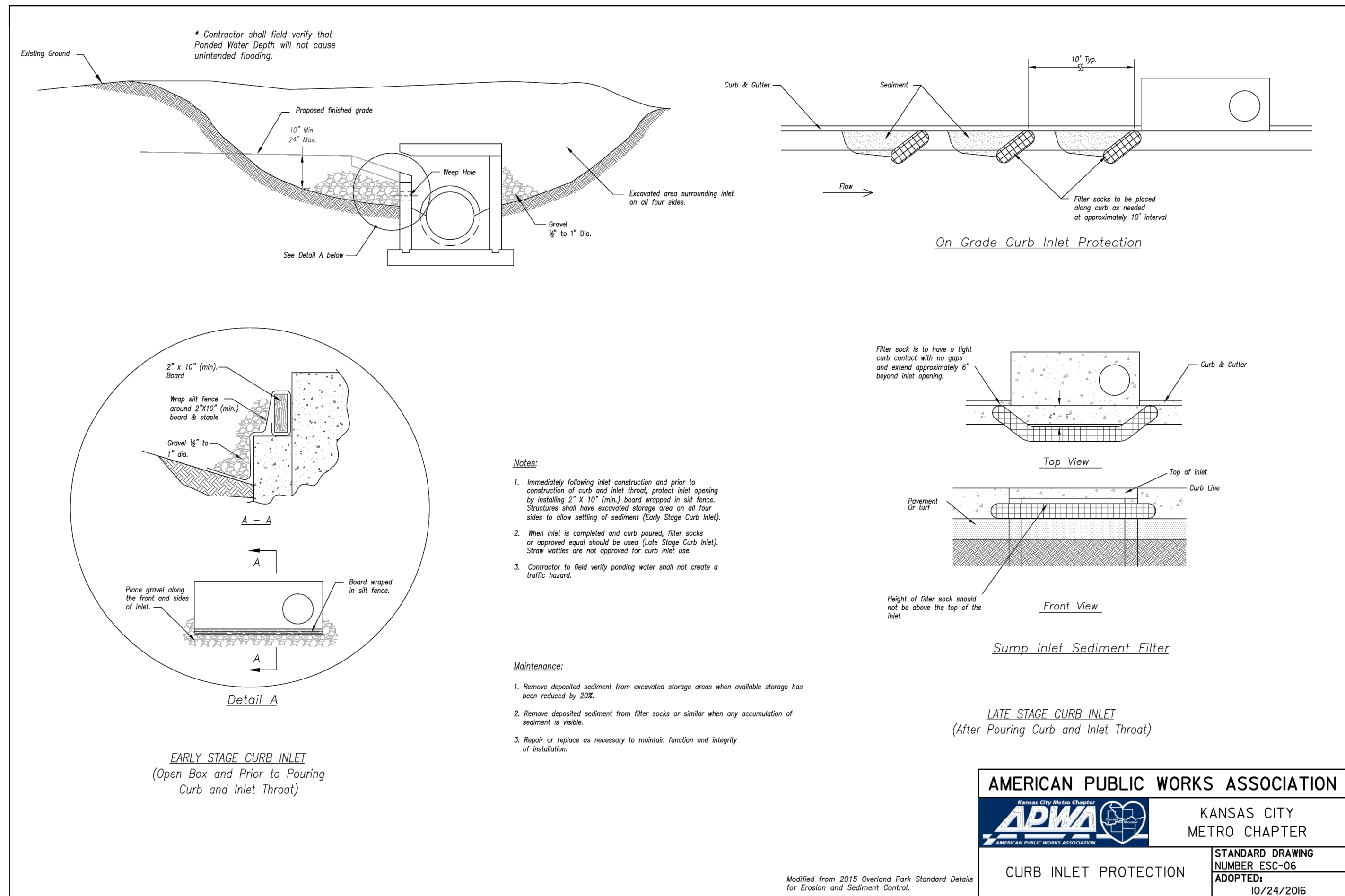
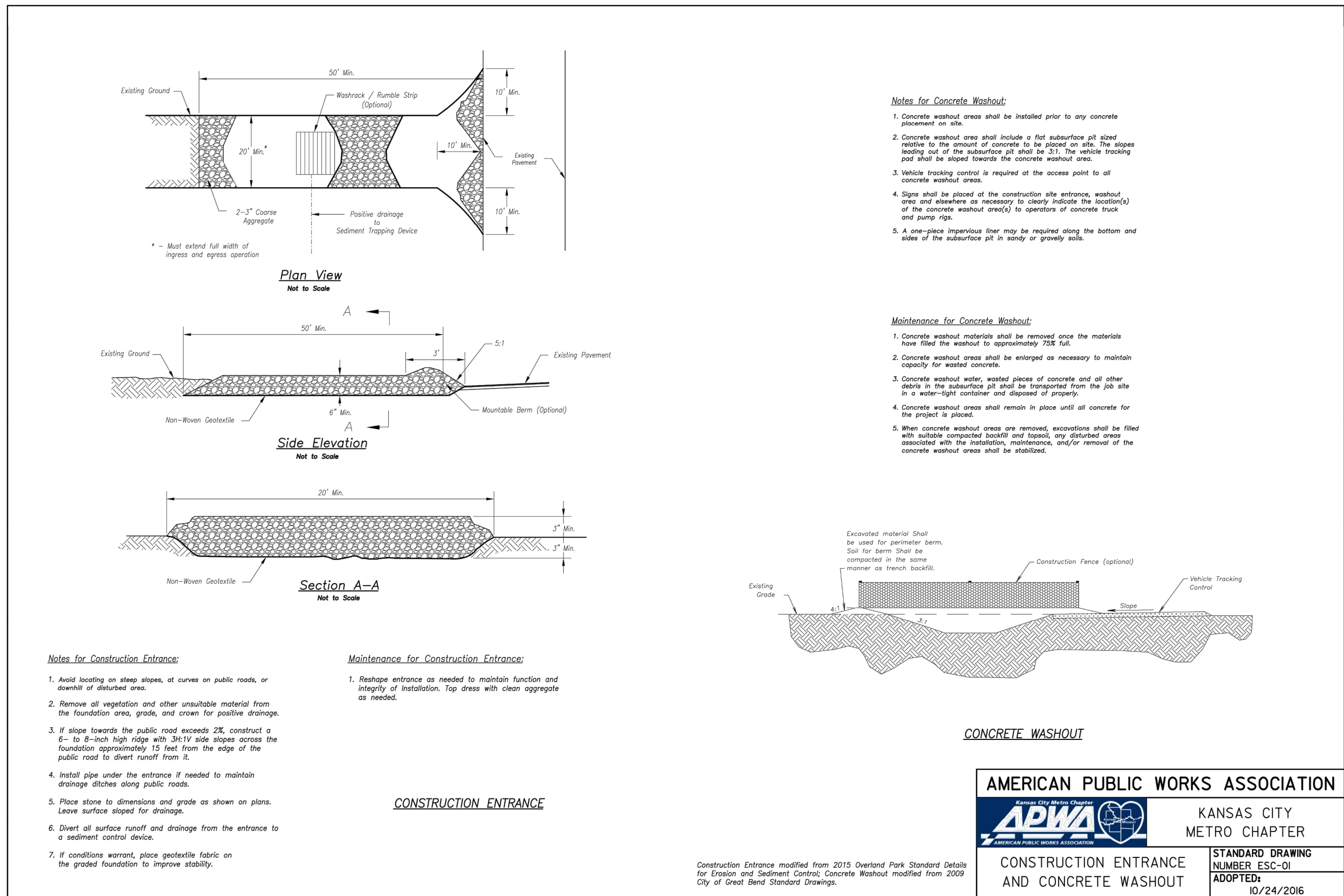
11/14/19 - As-Built

900.10

900.00 Indicates data replaced with "As-Built" information. All other data is as designed and has not been field verified.

C.601

Record Drawing



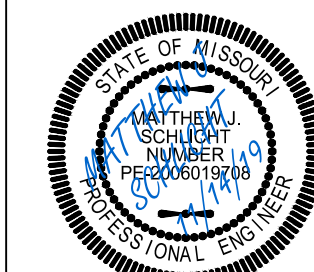
Record Drawing

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Construction Details
Construction Plans for:
The Manor at Stoney Creek - 3rd Plat
Lee's Summit, Jackson County, Missouri

Project AT
STONEY CREEK
3RD
Issue Date:
July 18, 2017



Matthew J. Schlicht
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REVISIONS
9/24/19 - As-Built
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