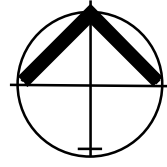
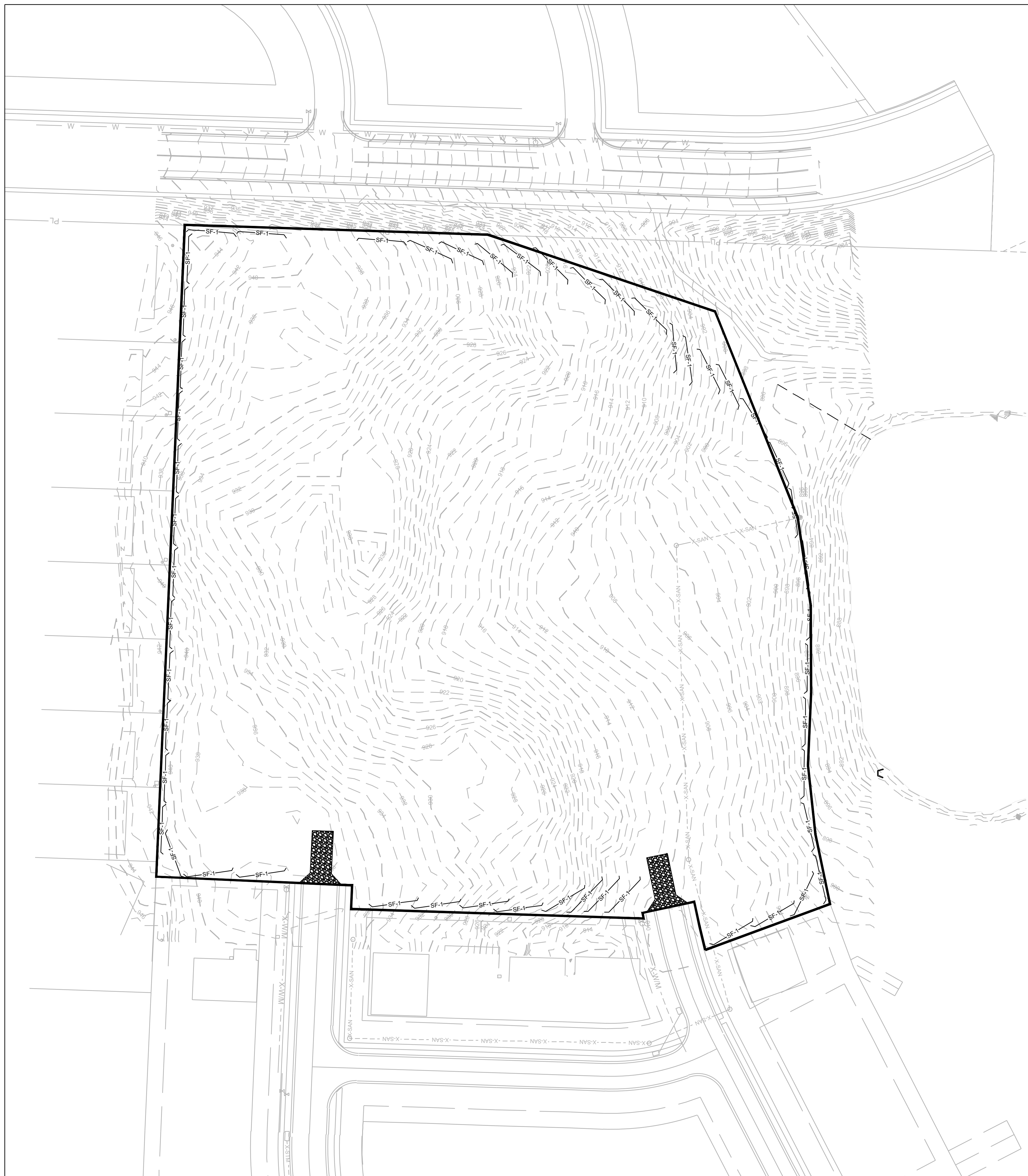
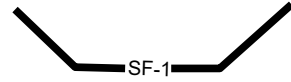


Section 8, Township 48 North, Range 31 West
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

C.001



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.

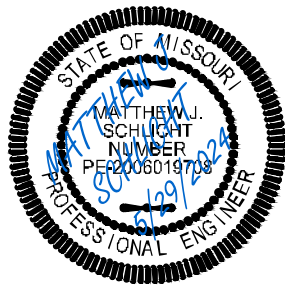


SILT FENCE PROTECTION
TO BE MAINTAINED BY CONTRACTOR

LEGEND

PHASE 1 SILT FENCE	— SF-1 —	— SF-1 —
PHASE 2 SILT FENCE	— SF-2 —	— SF-2 —
INLET PROTECTION	—	

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



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

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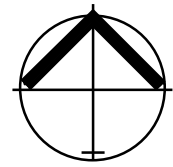
ESC PHASE 1 - Pre Clearing Plan
Construction Plans for:
THE VILLAS OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
Lee's Summit, Jackson County, Missouri

Project:
VILLAS OF CHAPEL
RIDGE-LSMO
Issue Date:
June 24, 2022

THE VILLAS OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
Lee's Summit, Jackson County, Missouri

Professional Registration
Missouri
Engineering 200502186-D
Surveying 2005008318-D
Kansas
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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.

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.

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 FINALLY 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 EVIDENCE OF EROSION OR SEDIMENT DEPOSITION. ANY DEFICIENCIES SHALL BE NOTED IN A REPORT OF THE INSPECTION AND CORRECTED WITHIN SEVEN CALENDAR DAYS OF THE INSPECTION. THE PERMITEE 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 SEEDDED WITH WHEAT/RYE AT A RATE OF 1.5 POUNDS PER 1000 SQUARE FEET. PERMANENT SEEDING 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 SEEDING 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 MEASURES.

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 PERMITEE 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:

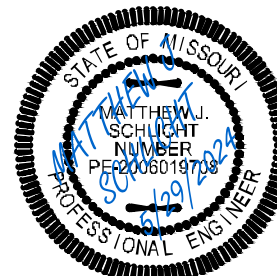
- A) INSTALLATION
- 1.) AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC STREETS. IF POSSIBLE, LOCATE WHERE PERMANENT ROADS WILL EVENTUALLY BE CONSTRUCTED
 - 2.) REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE AND CROWN FOR POSITIVE DRAINAGE
 - 3.) IF SLOPE TOWARDS THE PUBLIC ROAD EXCEEDS 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 RUNOFF 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 OR WASHED ONTO PUBLIC ROADWAY. REPAIR ANY BROKEN ROAD PAVEMENT IMMEDIATELY
 - 5.) REMOVE ALL TEMPORARY ROAD MATERIALS FROM AREAS WHERE PERMANENT VEGETATION WILL BE ESTABLISHED



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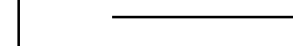
THE VILLAS OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
Lee's Summit, Jackson County, Missouri

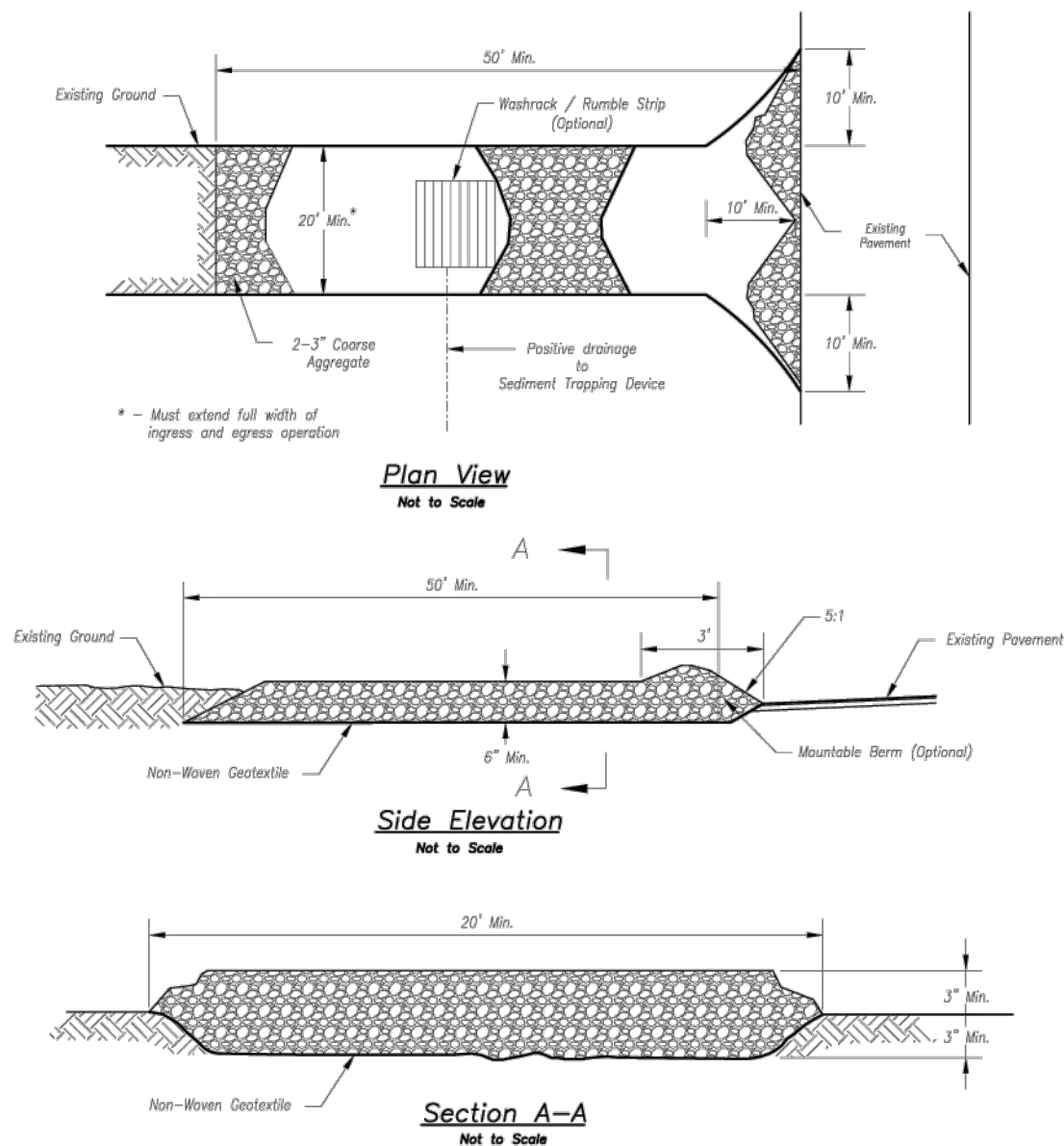
ESC PHASE 2 - Inactive Area Stabilization Plan
Construction Plans for:
THE VILLAS OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
Lee's Summit, Jackson County, Missouri



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

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REV. 8/12/2022
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REV. 5/29/2024





Notes for Construction Entrance:

1. Avoid locating on steep slopes, at curves on public roads, or adjacent to disturbed area.
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 exceeds 2%, construct a 6- to 8-inch high ridge with 30:1V side slopes across the foundation approximately 15 feet from the edge of the public road to divert runoff from it.
4. Install pipe under the entrance if needed to maintain drainage ditches along public roads.
5. Place stone to dimensions and grade as shown on plans. Leave surface sloped for drainage.
6. Divert all surface runoff and drainage from the entrance to a sediment control device.
7. If conditions warrant, place geotextile fabric on the graded foundation to improve stability.

Maintenance for Construction Entrance:

1. Reshape entrance as needed to maintain function and integrity of installation. Top dress with clean aggregate as needed.

CONSTRUCTION ENTRANCE

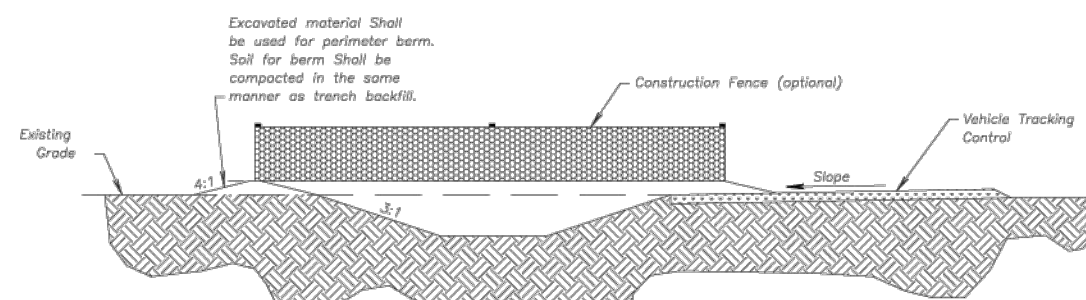
Construction Entrance modified from 2015 Overland Park Standard Details for Erosion and Sediment Control. Concrete Washout modified from 2009 City of Great Bend Standard Drawings.

Notes for Concrete Washout:

1. Concrete washout areas shall be installed prior to any concrete placement on site.
2. Concrete washout areas shall include a full subsurface pit sized relative to the amount of concrete to be placed on site. The slopes leading out of the subsurface pit shall be 2:1. The vehicle tracking post shall be sloped towards the concrete washout area.
3. Vehicle tracking control is required at the access point to all concrete washout areas.
4. Signs shall be placed at the construction site entrance, washout area and elsewhere as necessary to clearly indicate the location(s) of the concrete washout area(s) to operators of concrete truck and pump rigs.
5. A one-piece impervious liner may be required along the bottom and sides of the subsurface pit in sandy or gravelly soils.

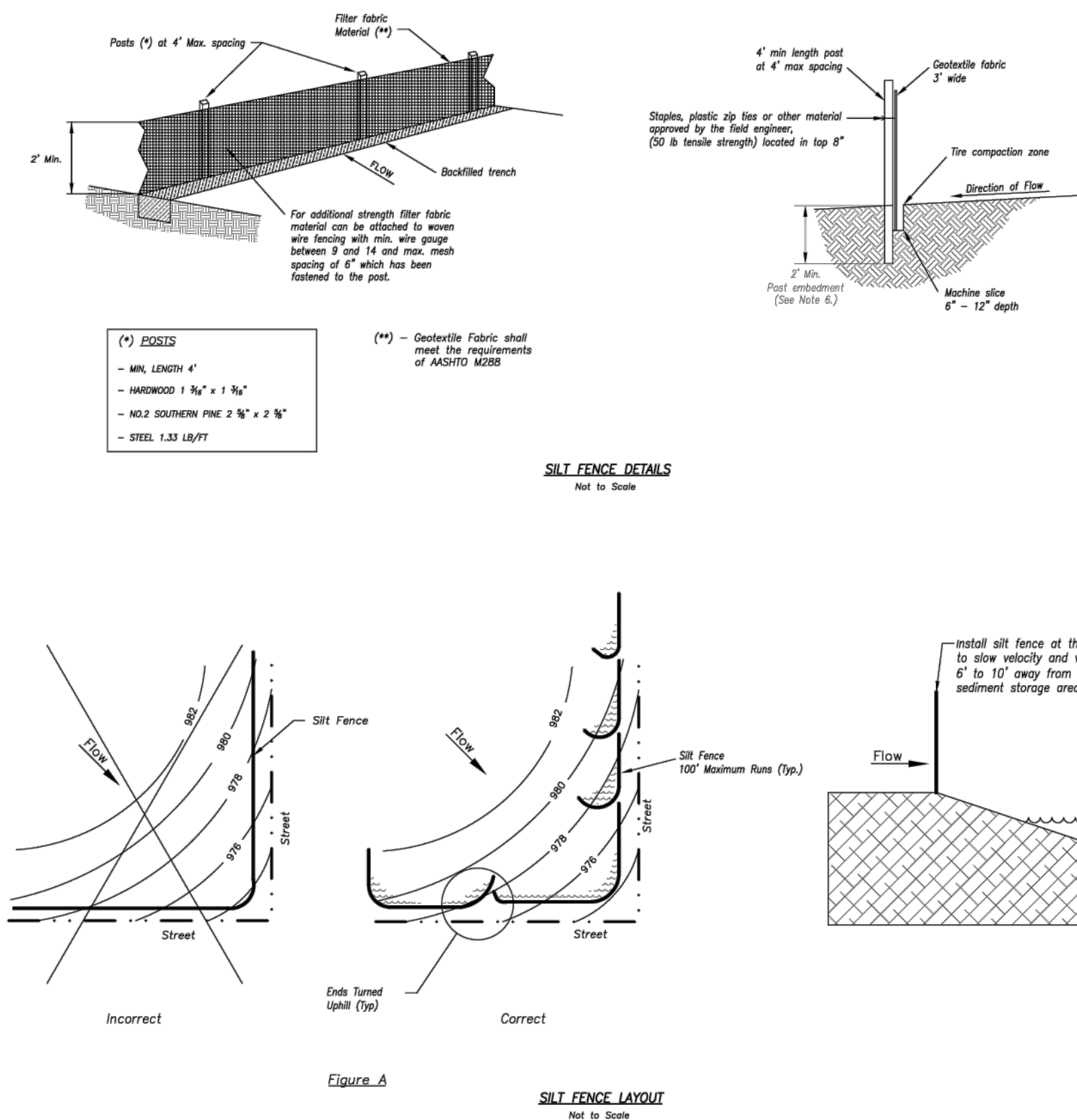
Maintenance for Concrete Washout:

1. Concrete washout materials shall be removed once the materials have filled the washout to approximately 75% full.
2. Concrete washout areas shall be enlarged as necessary to maintain capacity for washed concrete.
3. Concrete washout water, wasted pieces of concrete and all other debris in the subsurface pit shall be transported from the job site in a water-tight container and disposed of properly.
4. Concrete washout areas shall remain in place until all concrete for the project is placed.
5. When concrete washout areas are removed, excavations shall be filled with suitable compacted backfill and topped with a defined area associated with the installation, maintenance, and/or removal of the concrete washout areas shall be established.



CONCRETE WASHOUT

AMERICAN PUBLIC WORKS ASSOCIATION	
KANSAS CITY METRO CHAPTER	
CONSTRUCTION ENTRANCE AND CONCRETE WASHOUT	STANDARD DRAWING NUMBER ESC-01 ADOPTED: 10/24/2016

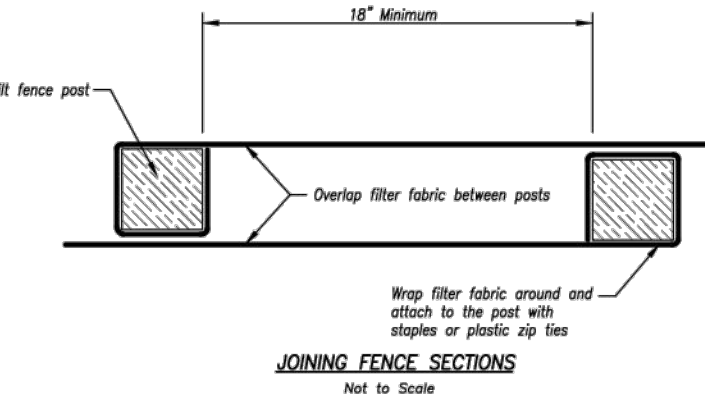


Notes:

1. In order to contain water, the ends of the silt fence must be turned uphill (Figure A).
2. Long perimeter runs of silt fence must be broken up into several smaller segments to minimize water concentrations (Figure A).
3. Long slopes should be broken up with intermediate rows of silt fence to slow runoff velocities.
4. Attach fabric to upstream side of post.
5. Install posts a minimum of 2' into the ground.
6. Trenching will only be allowed for small or difficult installation, where slicing machine cannot be reasonably used.

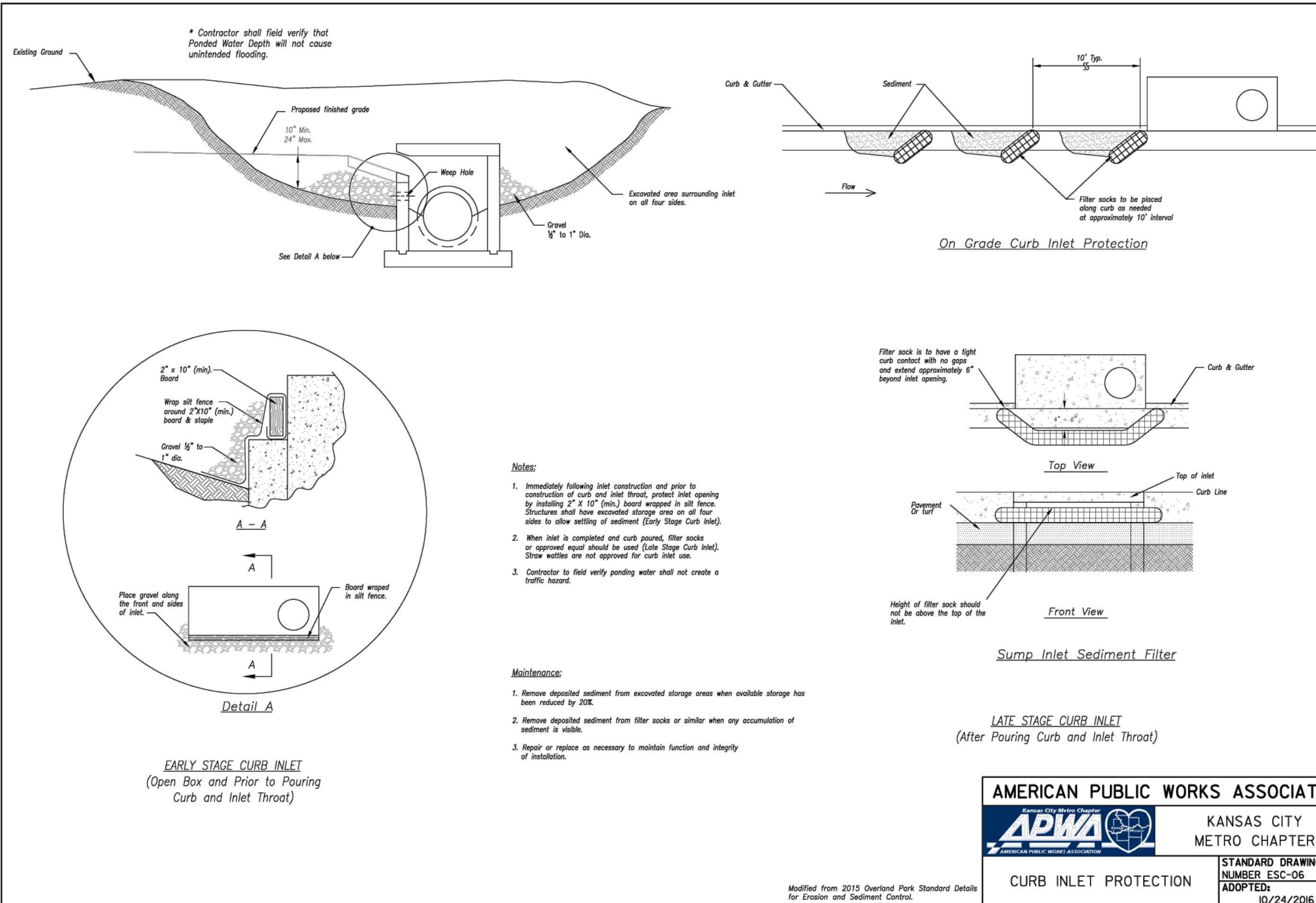
Maintenance:

1. Remove and dispose of sediment deposits when the deposit approaches 1/2 the height of silt fence.
2. Repair as necessary to maintain function and structure.



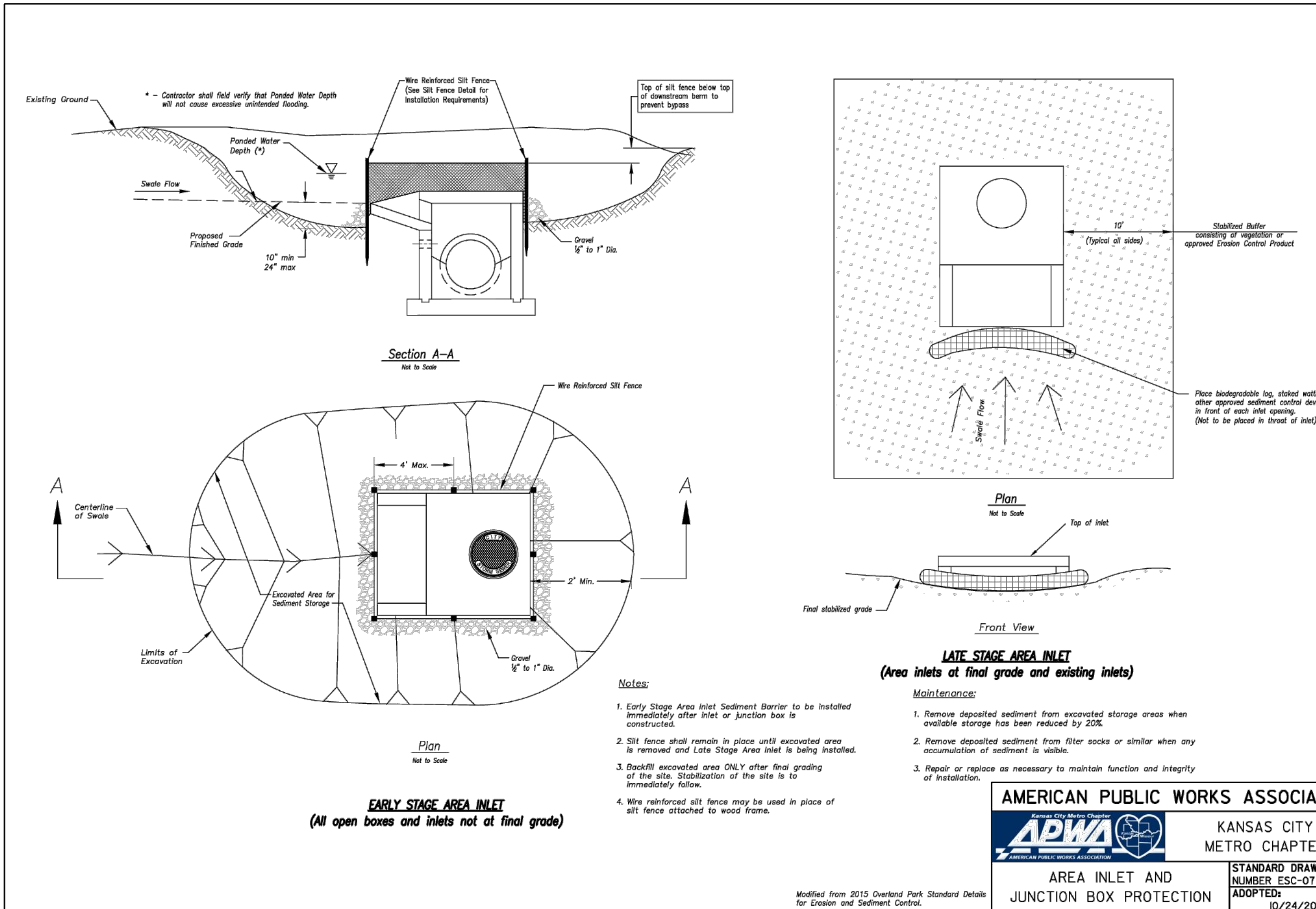
AMERICAN PUBLIC WORKS ASSOCIATION	
KANSAS CITY METRO CHAPTER	
SILT FENCE	STANDARD DRAWING NUMBER ESC-03 ADOPTED: 10/24/2016

Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.



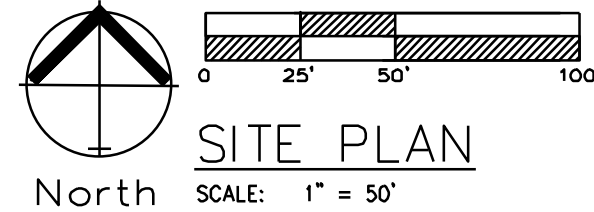
AMERICAN PUBLIC WORKS ASSOCIATION	
KANSAS CITY METRO CHAPTER	
CURB INLET PROTECTION	STANDARD DRAWING NUMBER ESC-06 ADOPTED: 10/24/2016

Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.



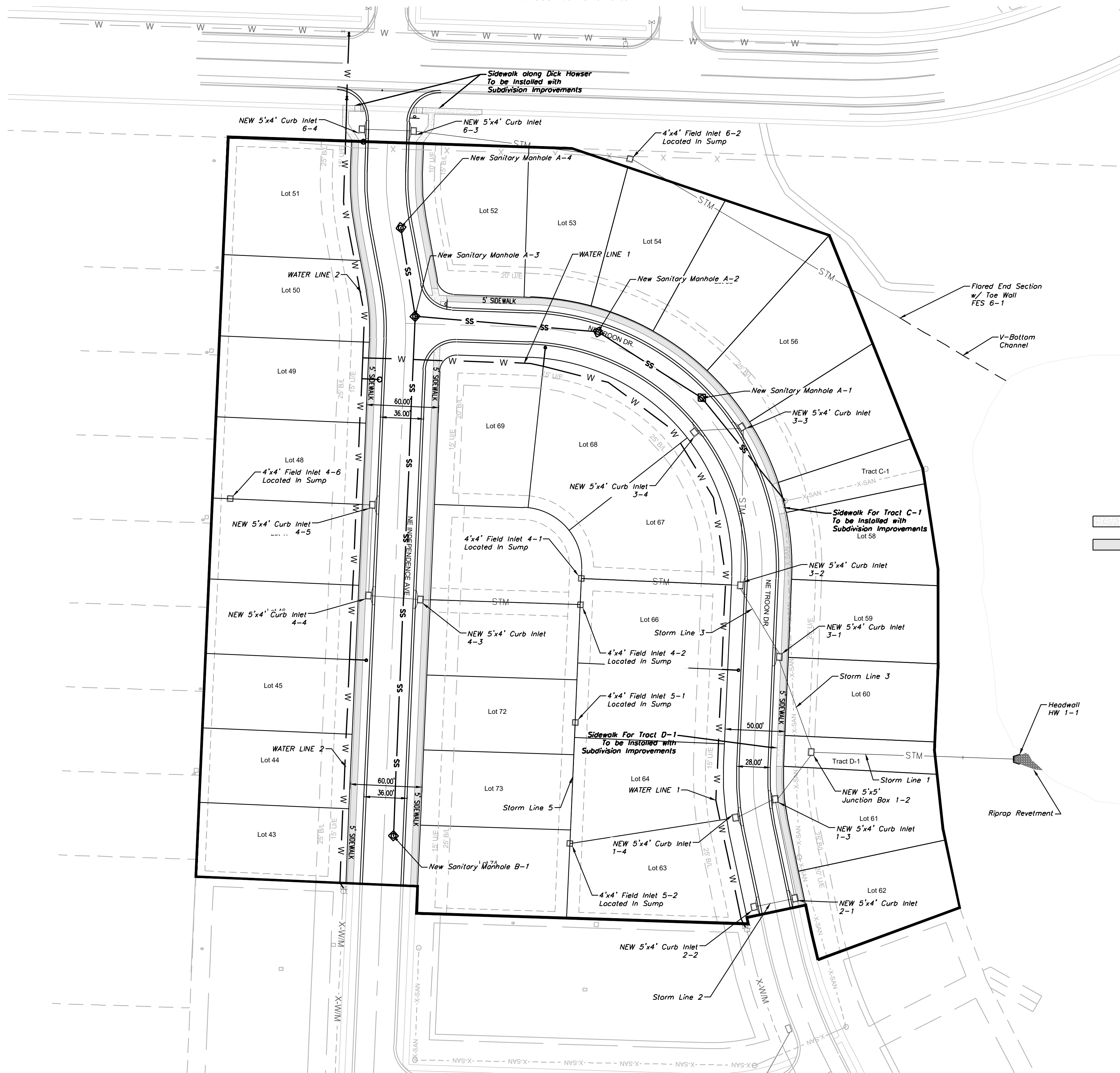
AMERICAN PUBLIC WORKS ASSOCIATION	
KANSAS CITY METRO CHAPTER	
AREA INLET AND JUNCTION BOX PROTECTION	STANDARD DRAWING NUMBER ESC-07 ADOPTED: 10/24/2016

Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.



SITE PLAN

Contractor is Responsible to Remove
All Existing Onsite Fence and
Structures and properly dispose of
these items offsite



- Sidewalk To be installed with Subdivision Improvements
- Sidewalk To be installed by individual Lot Owner

Contractor is Responsible to Remove
All Existing Onsite Fence and
Structures and properly dispose of
these items offsite



Professional Registration
Missouri
Engineering 2005002186-D
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Surveying L&S-218
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Engineering 6254
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Engineering CA2821

THE VILLAS OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
Lee's Summit, Jackson County, Missouri

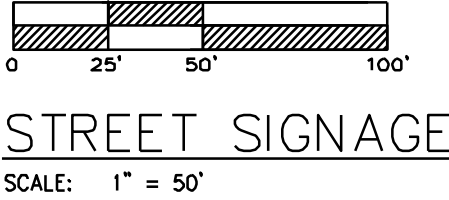
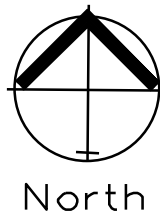
Project:
VILLAS OF CHAPEL
RIDGE, L&SO
Issue Date:
June 24, 2022

Site Plan
Construction Plans for:
THE VILLAS OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
Lee's Summit, Jackson County, Missouri



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NE PE E-14335

REVISIONS
REV. 8/12/2022
REV. 10/3/2022
REV. 4/26/2023
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Project:
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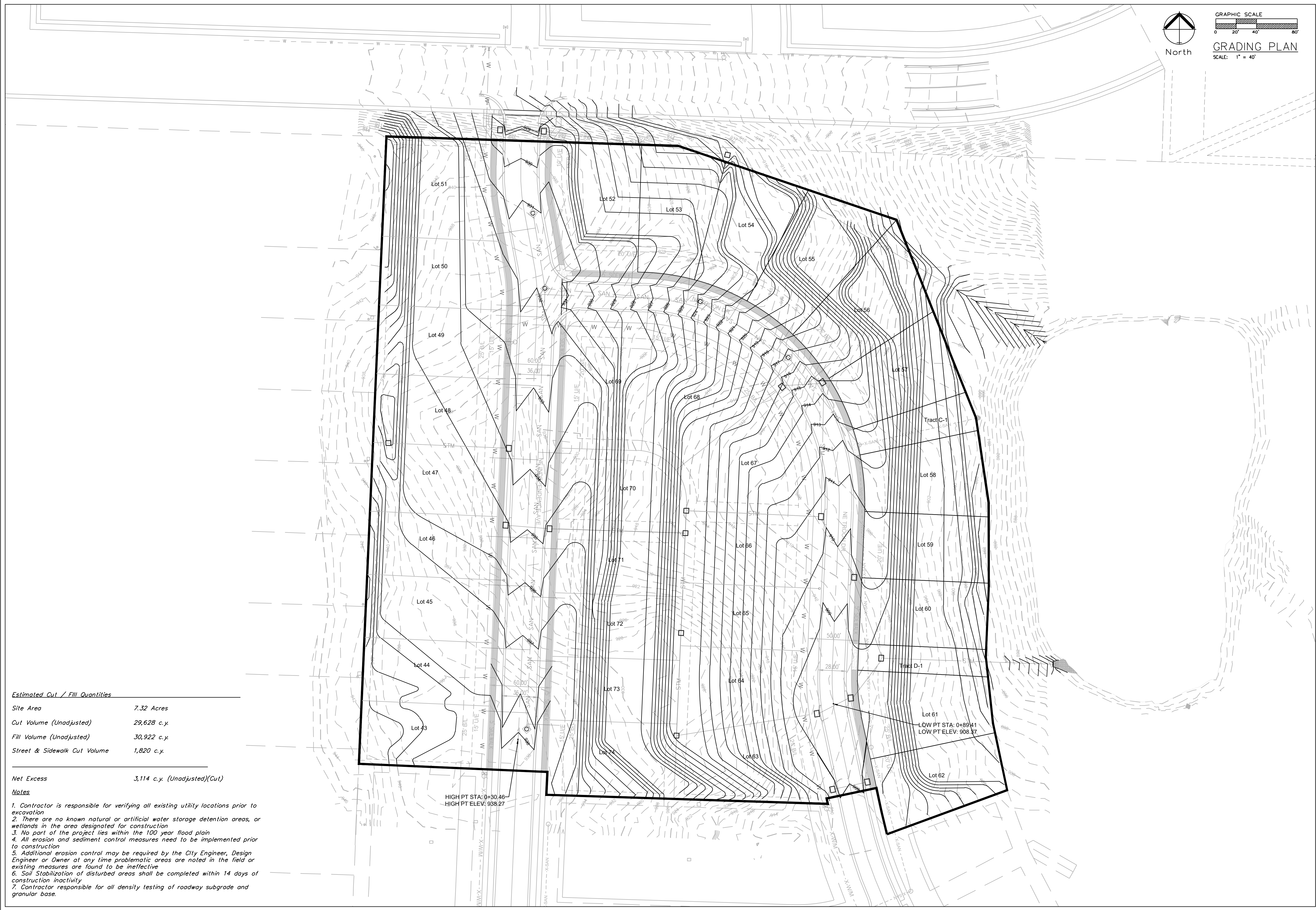
Issue Date:
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Street Signage
Construction Plans for:
THE VILLAS OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
Lee's Summit, Jackson County, Missouri

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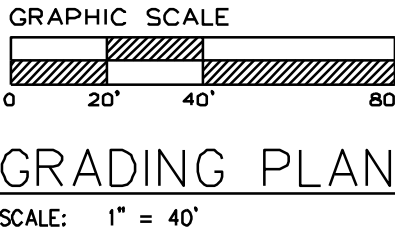
Estimated Cut / Fill Quantities

Site Area	7.32 Acres
Cut Volume (Unadjusted)	29,628 c.y.
Fill Volume (Unadjusted)	30,922 c.y.
Street & Sidewalk Cut Volume	1,820 c.y.

Net Excess 3,114 c.y. (Unadjusted)(Cut)

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.



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THE VILLAS OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
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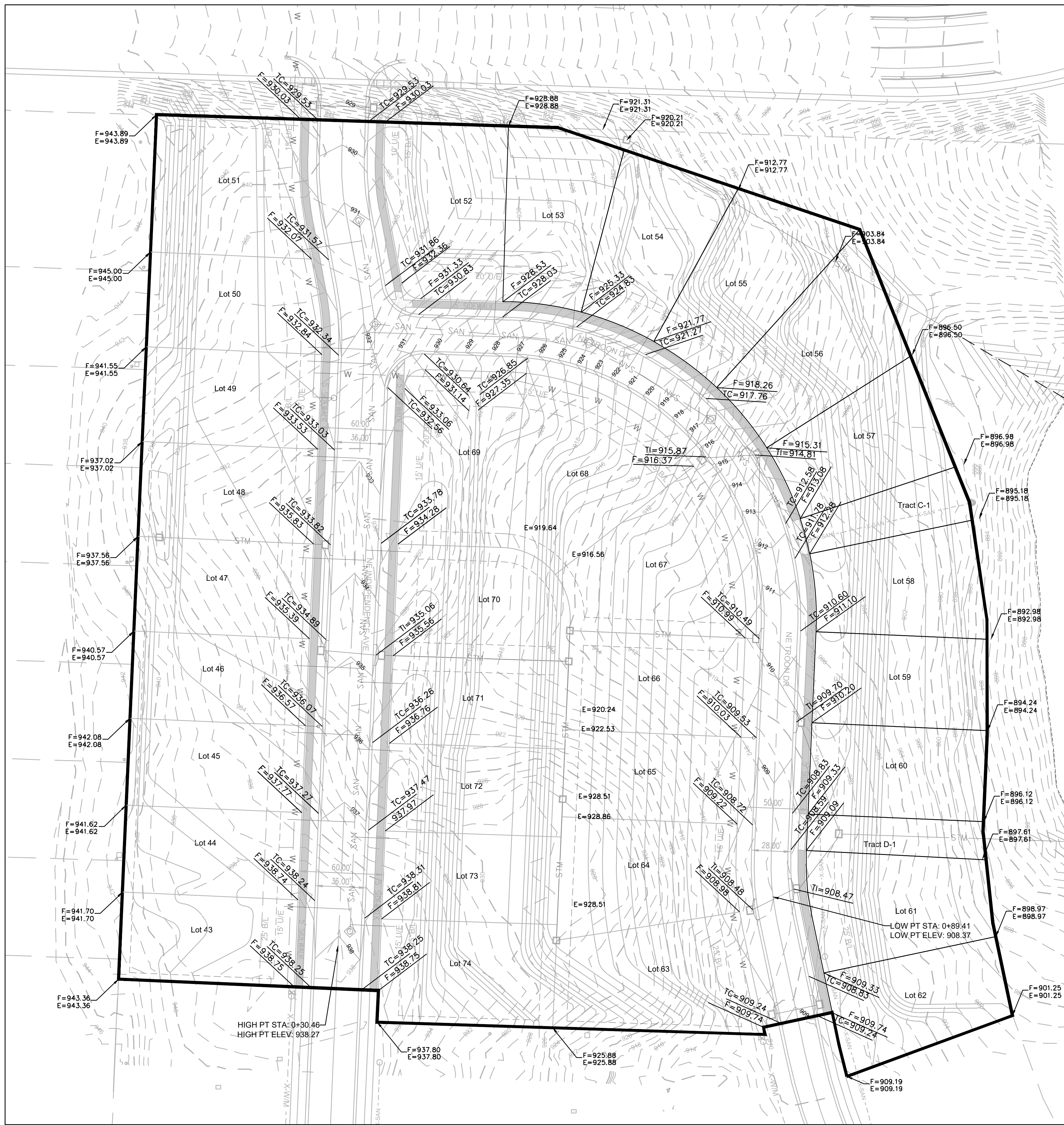
Master Drainage Plan 1 of 3:
Grading Plan
Construction Plans for:
THE VILLAS OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
Lee's Summit, Jackson County, Missouri



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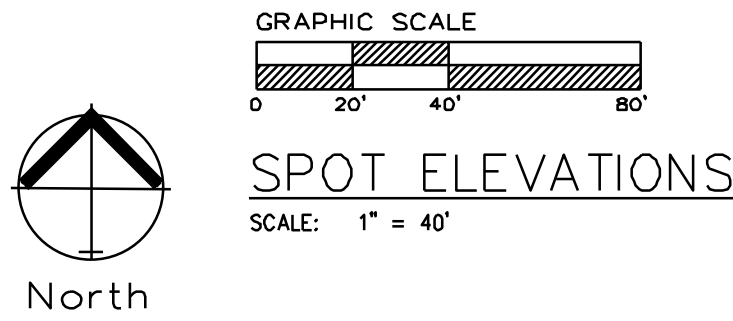
REV. 8/12/2022
REV. 10/3/2022
REV. 4/26/2023
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Note:
AS GRADED PLOT PLAN REQUIRED FOR EACH LOT.

Lot Number	Basement Type	MBOE
43	Full	942.00
44	Full	941.00
45	Full	940.00
46	Full	939.00
47	Full	939.00
48	Full	940.00
49	Full	941.00
50	Full	942.00
51	Full	N/A
52	Daylight	N/A
53	Walkout	N/A
54	Walkout	N/A
55	Walkout	N/A
56	Walkout	N/A
57	Walkout	N/A
58	Walkout	N/A
59	Walkout	N/A
60	Walkout	N/A
61	Walkout	N/A
62	Walkout	N/A
63	Full	913.00
64	Full	913.00
65	Full	913.00
66	Full	914.00
67	Full	920.00
68	Full	N/A
69	Walkout	N/A
70	Walkout	N/A
71	Walkout	N/A
72	Walkout	N/A
73	Walkout	N/A
74	Walkout	N/A

Drainage Notes
Side yard swales for individual lots shall be graded during the plot plan process.



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THE VILLAS OF CHAPEL RIDGE-2ND PLAT
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Lee's Summit, Jackson County, Missouri

Project:
VILLAS OF CHAPEL
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Master Drainage Plan 2 of 3:
Spot Elevations
Construction Plans for:
THE VILLAS OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
Lee's Summit, Jackson County, Missouri

STATE OF MISSOURI
MATTHEW J. SCHLICHT
REGISTERED PROFESSIONAL ENGINEER

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

REVISIONS

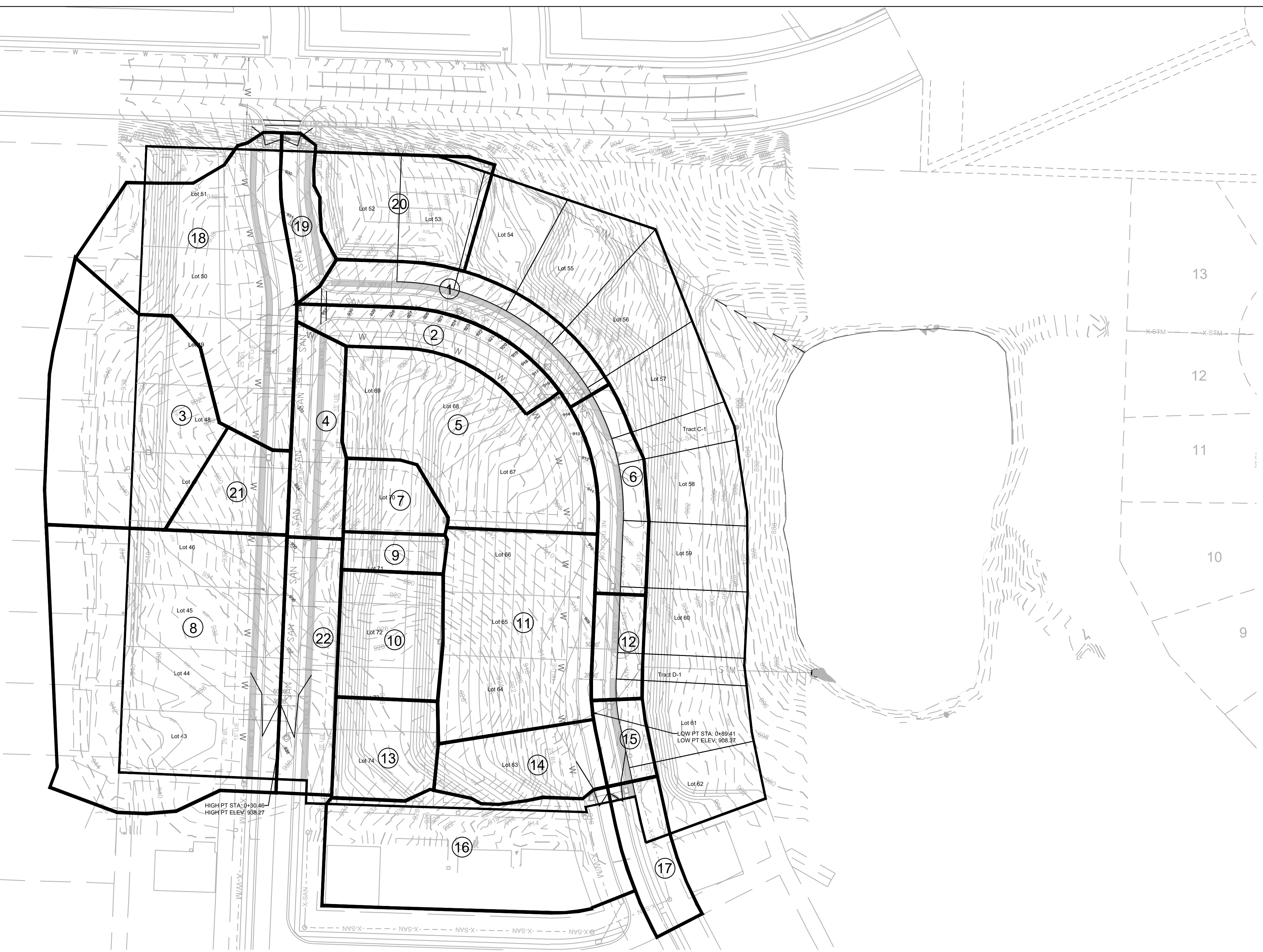
REV. 8/12/2022

REV. 10/3/2022

REV. 4/26/2023

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C.201



GRAPHIC SCALE
0 30' 60' 120'
DRAINAGE AREA MAP
SCALE: 1" = 60'

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

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Surveying 2005008318-D
Kansas
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Project:
THE VILLAS OF CHAPEL
RIDGE 2ND PLAT
Issue Date:
June 24, 2022

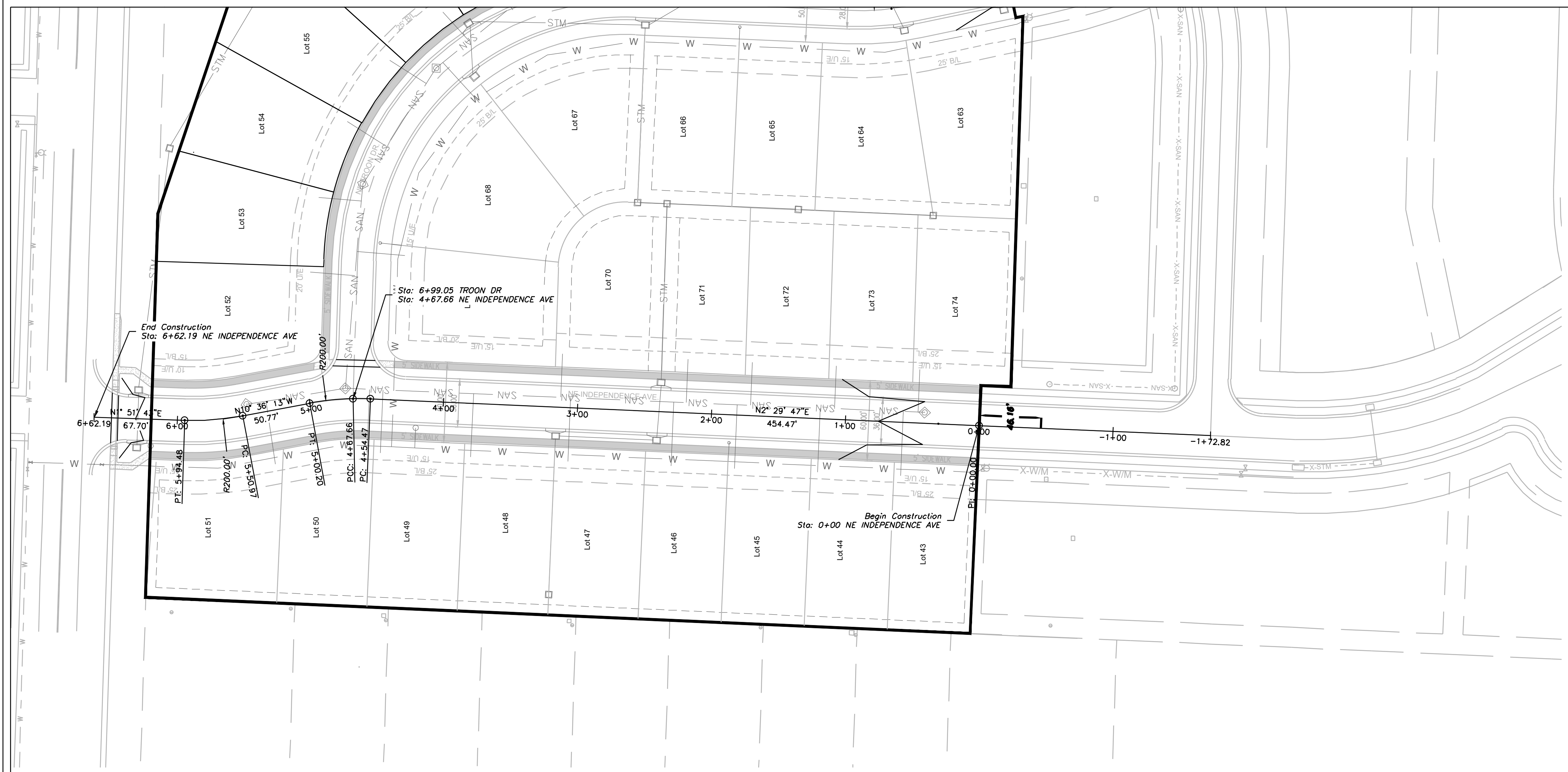
THE VILLAS OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
Lee's Summit, Jackson County, Missouri

Master Drainage Map 3 of 3:
Drainage Area Map
Construction Plans for:
THE VILLAS OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
Lee's Summit, Jackson County, Missouri

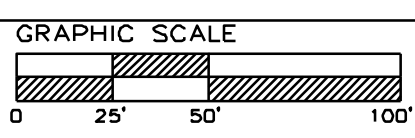
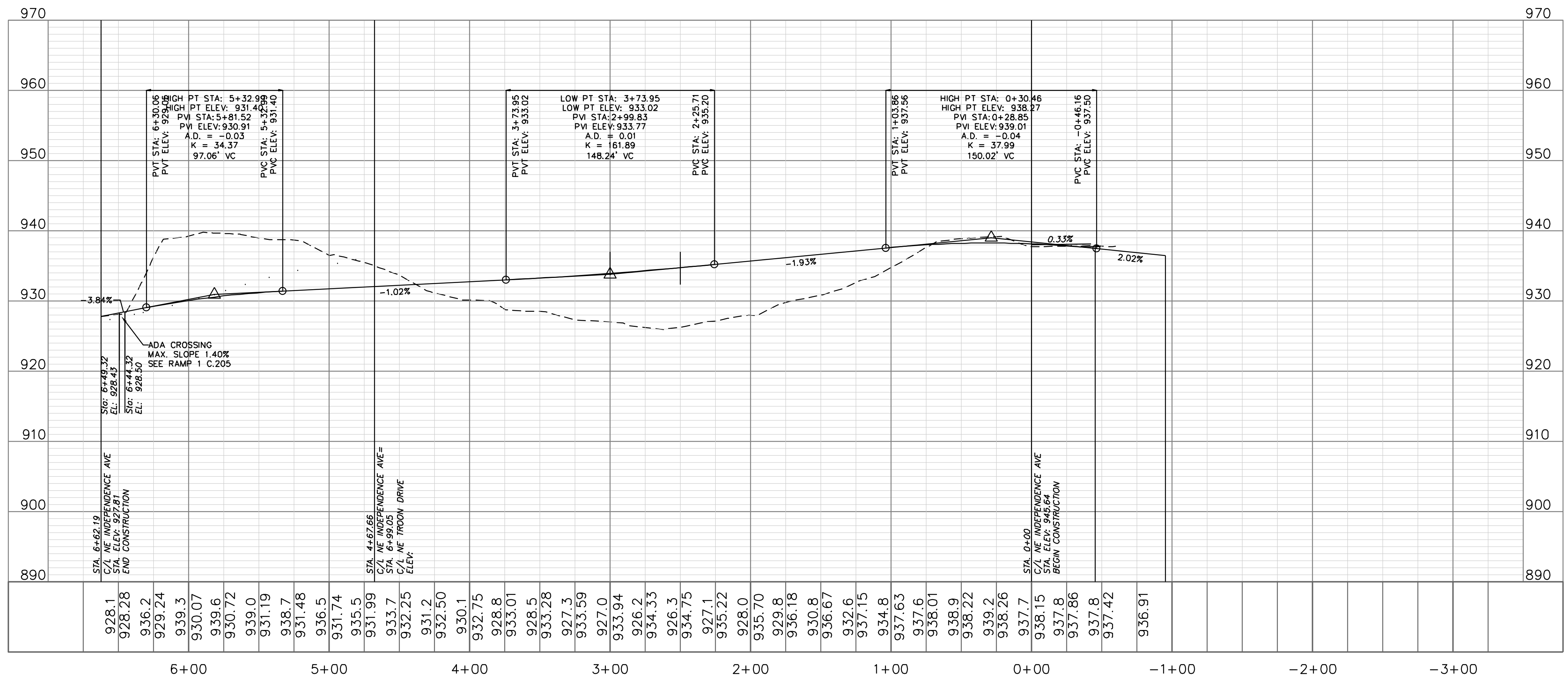
STATE OF MISSOURI
Matthew J. Schlacht
Missouri Professional Engineer
No. 0006019708
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REVISIONS
REV. 8/12/2022
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APWA STORM DRAINAGE "TC" COMPUTATIONS FOR: VILLAS OF CHAPEL RIDGE 2ND PLAT																													
		yellow areas are self computing overwrite if necessary				Surface types: Asph/ConcBus/Com Dirt Grass/Park Lake MultFam SnglFam Undev Other SURFACE CODES A B D G L M S U Z "C" Values 0.90 0.87 0.60 0.30 0.90 0.66 0.51 0.3										TC COMPUTATION													
		TOTAL WATERSHED				SURFACE CODES "C" Values Overwrite Length - DnElev or Slope if necessary SURFACE CODE "C" VALUE OVR/LND UP DN SLOPE OVERLAND FLOW - 100' MAX SURFACE CODE "C" VALUE OVR/LND UP DN SLOPE CHANNEL FLOW - FIRST REACH SURFACE CODE "C" VALUE OVR/LND UP DN SLOPE										TC COMPUTATION													
AREA ID	TOTAL SQ. FT.	TOTAL ACRES	WTRSHD LENGTH	UP ELEV	DN ELEV	SURFACE CODE	"C" VALUE	OVR/LND LENGTH	UP ELEV	DN ELEV	SLOPE %	SURFACE CODE	"C" VALUE	OVR/LND LENGTH	UP ELEV	DN ELEV	SLOPE %	Cal Overland Flow T(I)	Used Min 5 T(I)	Cal Channel One T(I)	Cal Channel Two T(I)	Total T(I)	Intensity 10 I	Intensity 100 I	CFS 10 Q	CFS 100 Q	AREA ID		
PROP.																											PROP.		
1	13710	0.31	278.00	936.00	918.00	M	0.66	88.0	936.0	932.00	4.6	P	190.0	932.0	918.0	7.37	5.5	4.5	5.0	0.6	0.0	5.6	7.2	10.1	1.49	2.62	1		
2	10065	0.23	216.00	936.00	918.00	M	0.66	100.0	936.0	929.00	7.0	P	116.0	929.0	918.0	9.48	6.3	4.1	5.0	0.3	0.0	5.3	7.3	10.2	1.11	1.94	2		
3	33255	0.76	222.00	946.00	934.00	M	0.66	100.0	946.0	940.00	6.0	U	122.0	940.0	934.0	4.92	3.6	4.4	5.0	0.6	0.0	5.6	7.2	10.1	3.62	6.36	3		
4	24340	0.56	208.00	936.00	934.00	M	0.66	36.0	936.0	935.25	2.1	P	172.0	935.3	934.0	0.73	1.7	3.7	5.0	1.7	0.0	6.7	6.9	9.7	2.54	4.46	4		
5	31497	0.72	290.00	936.00	911.00	M	0.66	100.0	936.0	924.00	12.0	U	190.0	924.0	911.0	6.84	4.2	3.5	5.0	0.8	0.0	5.8	7.1	10.0	3.40	5.98	5		
6	9686	0.22	200.00	916.00	910.00	M	0.66	55.0	916.0	914.00	3.6	P	145.0	914.0	910.0	2.76	3.4	3.8	5.0	0.7	0.0	5.7	7.1	10.0	1.05	1.84	6		
7	6391	0.15	112.00	936.00	919.00	M	0.66	100.0	936.0	920.00	16.0	U	12.0	920.0	919.0	8.33	4.7	3.1	5.0	0.0	0.0	5.0	7.3	10.3	0.71	1.25	7		
8	60289	1.38	453.00	947.00	934.00	M	0.66	100.0	947.0	941.00	6.0	P	353.0	941.0	934.0	1.98	2.9	4.4	5.0	2.1	0.0	7.1	6.8	9.5	6.18	10.88	8		
9	3948	0.09	125.00	934.00	919.00	M	0.66	100.0	934.0	920.00	14.0	U	25.0	920.0	919.0	4.00	3.2	3.3	5.0	0.1	0.0	5.1	7.3	10.3	0.43	0.75	9		
10	12701	0.29	152.00	936.00	921.00	M	0.66	100.0	936.0	923.00	13.0	U	52.0	923.0	921.0	3.85	3.2	3.4	5.0	0.3	0.0	5.3	7.3	10.2	1.40	2.46	10		
11	29486	0.68	312.00	919.00	908.00	M	0.66	100.0	919.0	910.50	8.5	P	212.0	910.5	908.0	1.18	2.2	3.9	5.0	1.6	0.0	6.6	6.9	9.7	3.08	5.42	11		
12	5185	0.12	145.00	910.00	908.00	M	0.66	43.0	910.0	909.00	2.3	P	102.0	909.0	908.0	0.98	2.0	3.9	5.0	0.8	0.0	5.8	7.1	10.0	0.96	0.98	12		
13	9844	0.23	118.00	935.50	922.00	M	0.66	100.0	935.5	924.00	11.5	U	18.0	924.0	922.0	11.11	5.4	3.5	5.0	0.1	0.0	5.1	7.3	10.3	1.09	1.92	13		
14	10644	0.24	170.00	927.00	908.00	M	0.66	100.0	927.0	912.00	15.0	P	70.0	912.0	908.0	5.71	4.9	3.2	5.0	0.2	0.0	5.2	7.3	10.2	1.17	2.06	14		
15	4112	0.09	113.00	910.00	908.00	M	0.66	36.0	910.0	909.00	2.8	P	77.0	909.0	908.0	1.30	2.3	3.4	5.0	0.6	0.0	5.6	7.2	10.1	0.45	0.79	15		
16	31892	0.73	347.00	934.00	909.00	M	0.66	100.0	934.0	924.00	10.0	P	247.0	924.0	909.0	6.07	5.0	3.7	5.0	0.8	0.0	5.8	7.1	10.0	3.43	6.04	16		
17	7514	0.17	181.00	911.00	909.00	M	0.66	36.0	911.0	910.00	2.8	P	145.0	910.0	909.0	0.89	1.7	3.4	5.0	1.4	0.0	6.4	6.9	9.8	0.79	1.39	17		
18	36997	0.85	375.00	946.00	929.00	M	0.66	100.0	946.0	940.00	6.0	P	275.0	940.0	929.0	4.00	4.1	4.4	5.0	1.1	0.0	6.1	7.0	9.9	3.94	6.92	18		
19	5456	0.13	127.00	933.00	929.00	M	0.66	50.0	933.0	931.00	4.0	P	77.0	931.0	929.0	2.80	3.3	3.5	5.0	0.4	0.0	5.4	7.2	10.2	0.80	1.05	19		
20	16737	0.38	191.00	933.00	919.00	M	0.66	100.0	933.0	923.50	9.5	U	91.0	923.5	919.0	4.95	3.6	3.7	5.0	0.4	0.0	5.4	7.2	10.1	1.83	3.22	20		
21	8957	0.20	171.00	937.00	934.00	M	0.66	100.0	937.0	935.00	2.0	P	71.0	936.0	934.0	1.41	2.4	6.3	6.3	0.5	0.0	6.8	6.8	9.6	0.90	1.58	21		
22	13859	0.32	184.00	938.50	934.00	M	0.66	37.0	938.5	937.60	2.4	P	147.0	937.6	934.0	2.45	3.2	3.6	5.0	0.8	0.0	5.8	7.1	10.0	1.50	2.63	22		



NE INDEPENDENCE AVE



STREET PLAN & PROFILE
SCALE: 1" = 50'



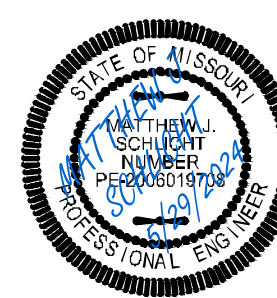
Professional Registration
Missouri
Engineering 2005002186-D
Surveying 200500318-D
Kansas
Engineering E-1695
Surveying LS-216
Oklahoma
Engineering 6284
Nebraska
Engineering CA2821

THE VILLAS OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
Lee's Summit, Jackson County, Missouri

Project:
VILLAS OF CHAPEL
RIDGE-LSMO
Issue Date:
June 24, 2022

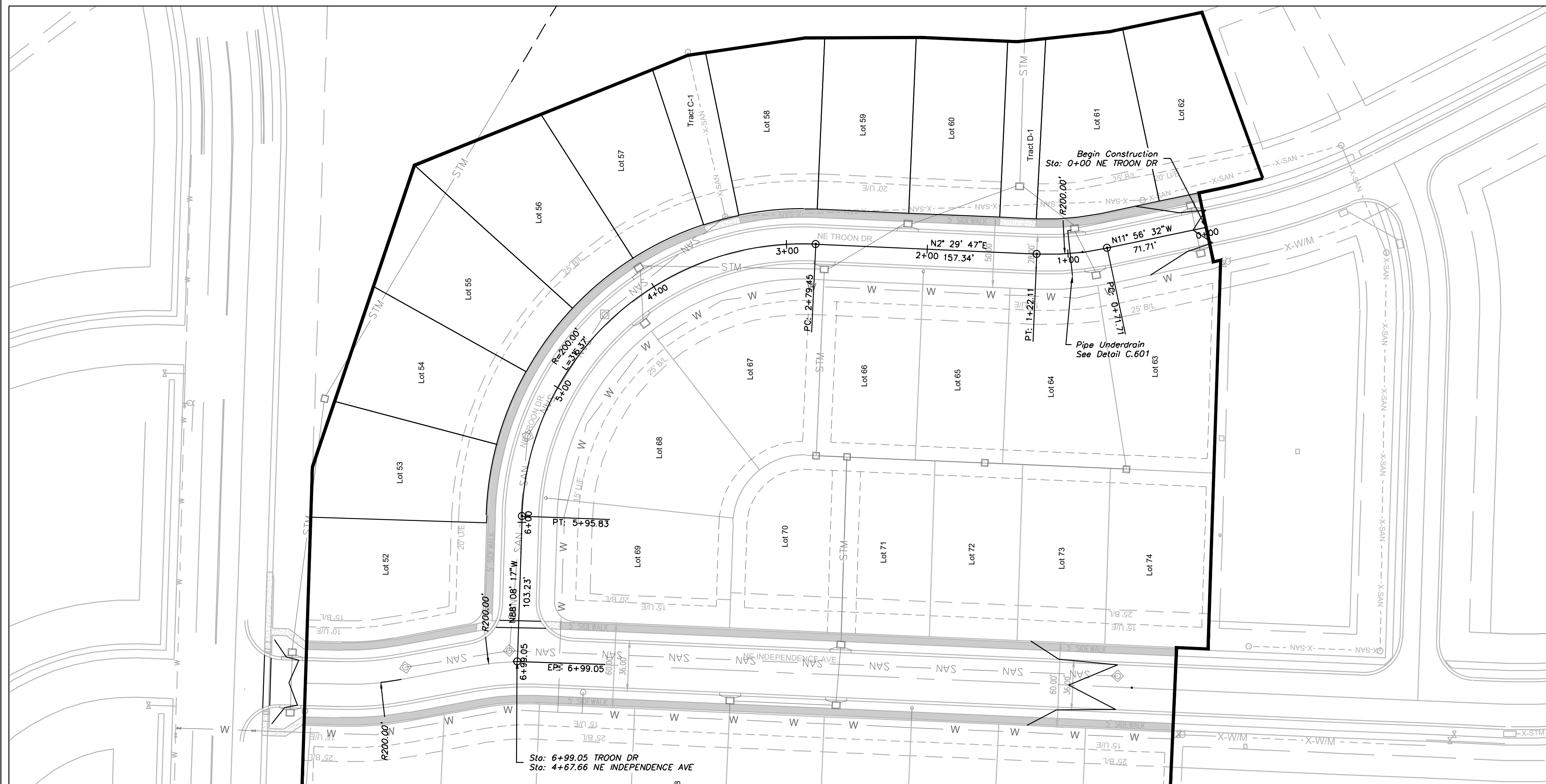
Street Plan and Profile

Construction Plans for:
THE VILLAS OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
Lee's Summit, Jackson County, Missouri

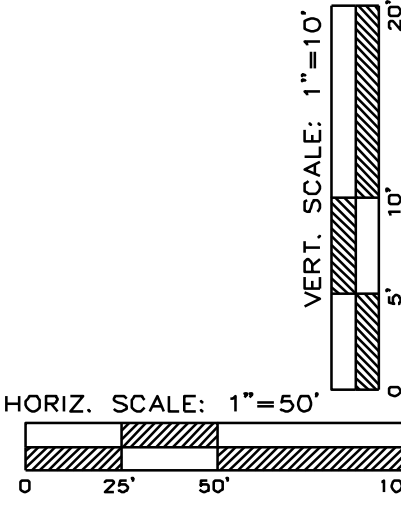
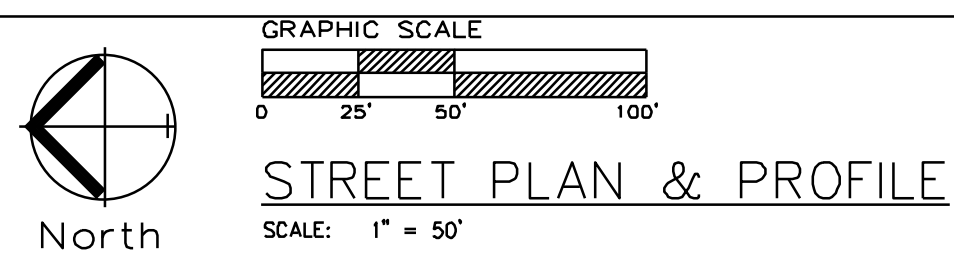
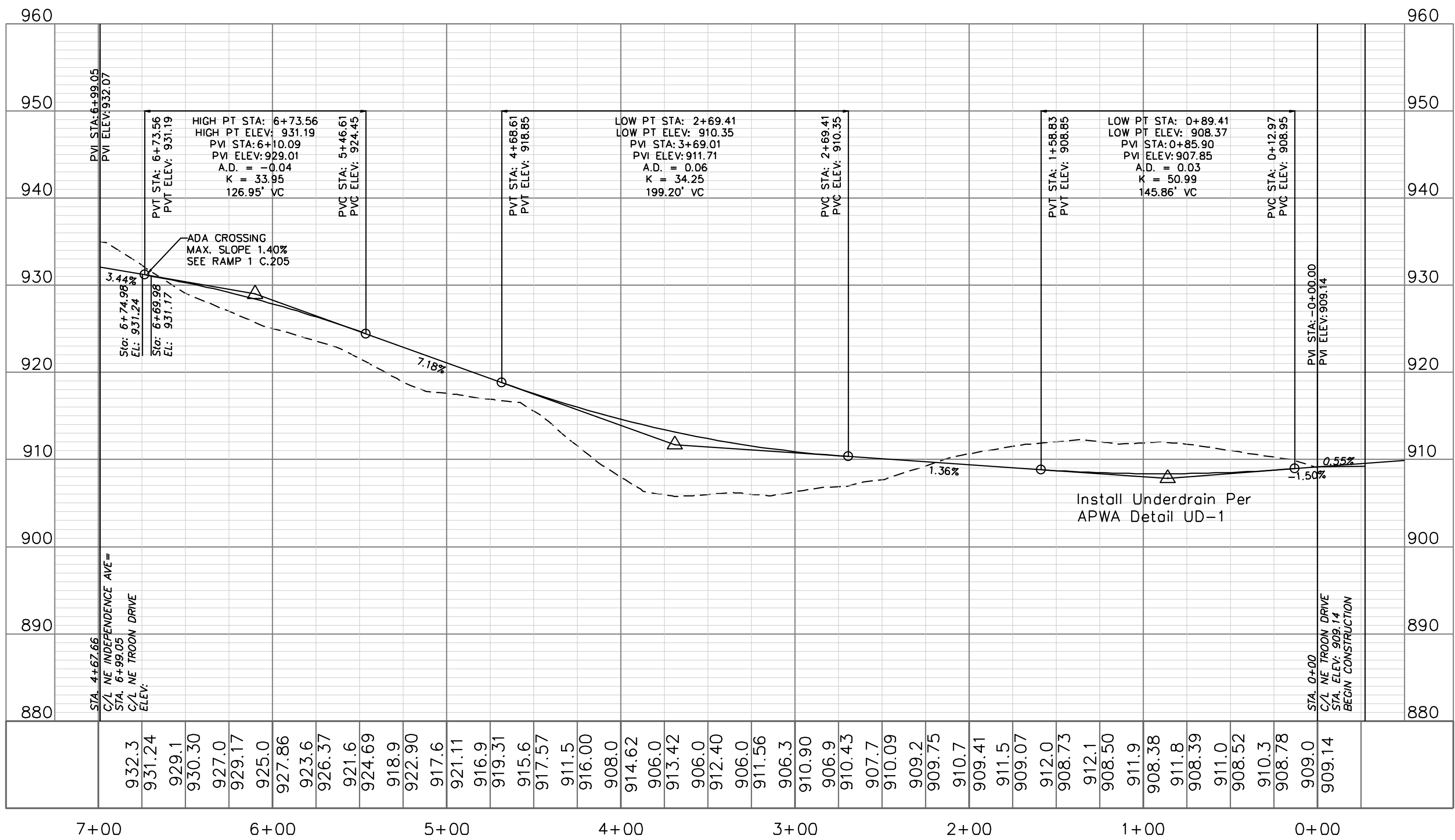


Matthew J. Schlicht
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NE PE E-14335

REVISIONS
REV. 8/12/2022
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REV. 5/29/2024



NE TROON DRIVE



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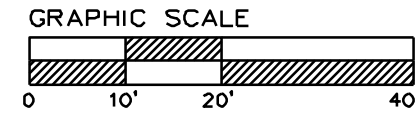
Project:
VILLAS OF CHAPEL RIDGE LS100
Issue Date:
June 24, 2022

Street Plan and Profile
Construction Plans for:
THE VILLAS OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
Lee's Summit, Jackson County, Missouri

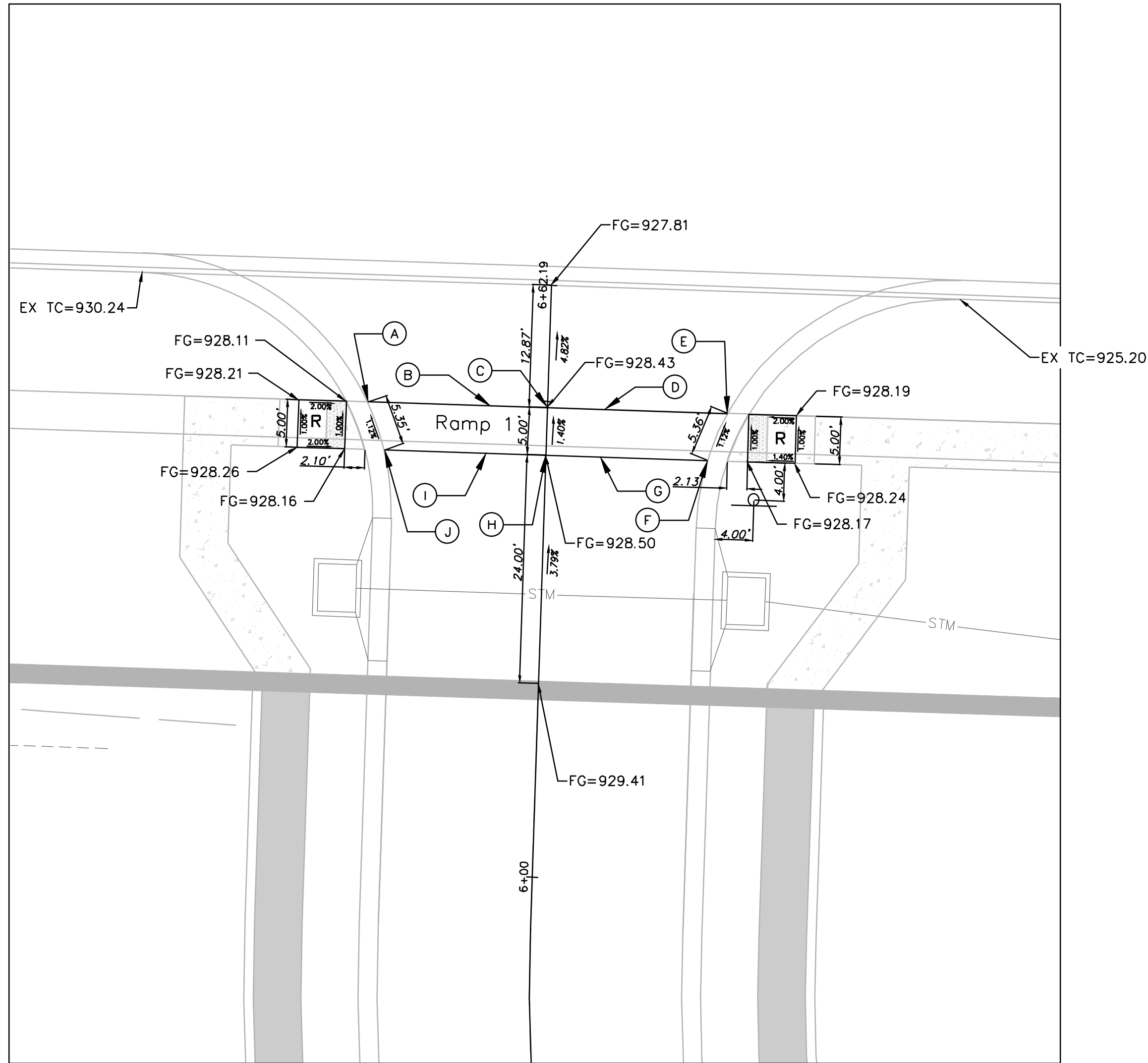
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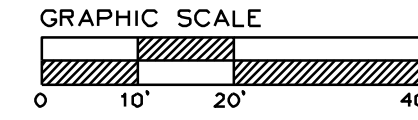


SIDEWALK AND INTERSECTION PLAN
SCALE: 1" = 20'

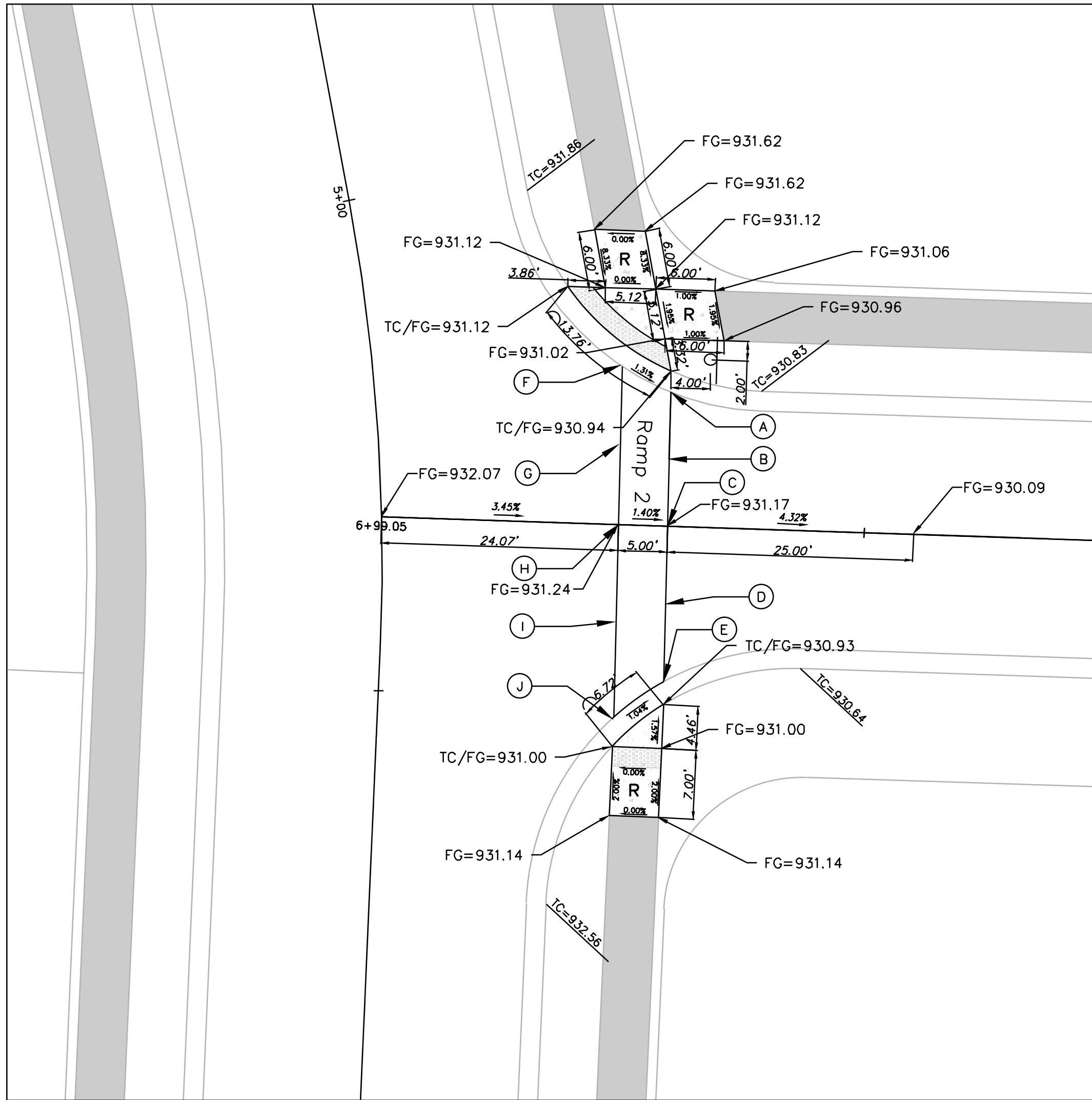


DETAIL 1

SPOT ELEVATION TABLE				
Spot	Ramp 1 Elevation	Ramp 2 Elevation		
A	928.11	930.84		
B	928.31	931.00		
C	928.43	931.17		
D	928.31	931.00		
E	928.09	930.83		
F	928.15	930.92		
G	928.39	931.08		
H	928.50	931.24		
I	928.39	931.07		
J	928.17	930.90		



SIDEWALK AND INTERSECTION PLAN
SCALE: 1" = 20'



DETAIL 2

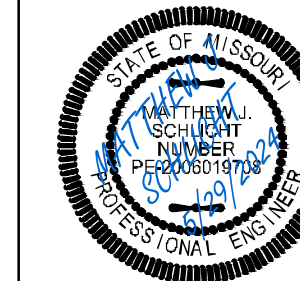


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Missouri
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THE VILLAS OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
Lee's Summit, Jackson County, Missouri

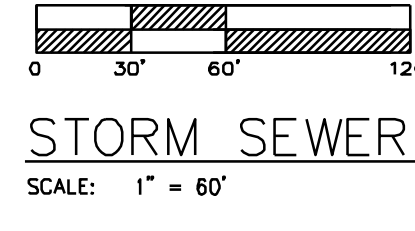
Project:
VILLAS OF CHAPEL
RIDGE-LSMO
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Sidewalk and
Intersection Plan
Construction Plans for:
THE VILLAS OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
Lee's Summit, Jackson County, Missouri

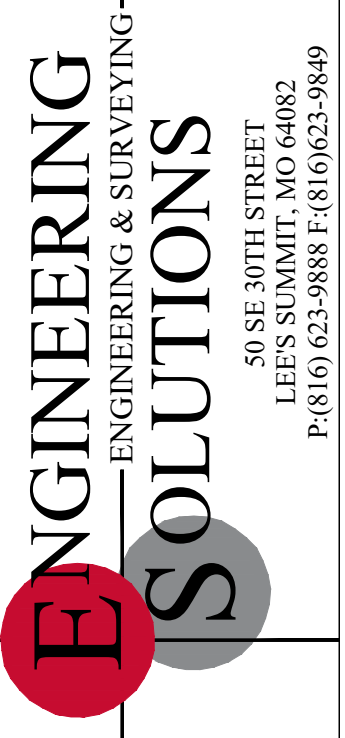


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STORM SEWER GENERAL LAYOUT



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THE VILLAGES OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
Lee's Summit, Jackson County, Missouri

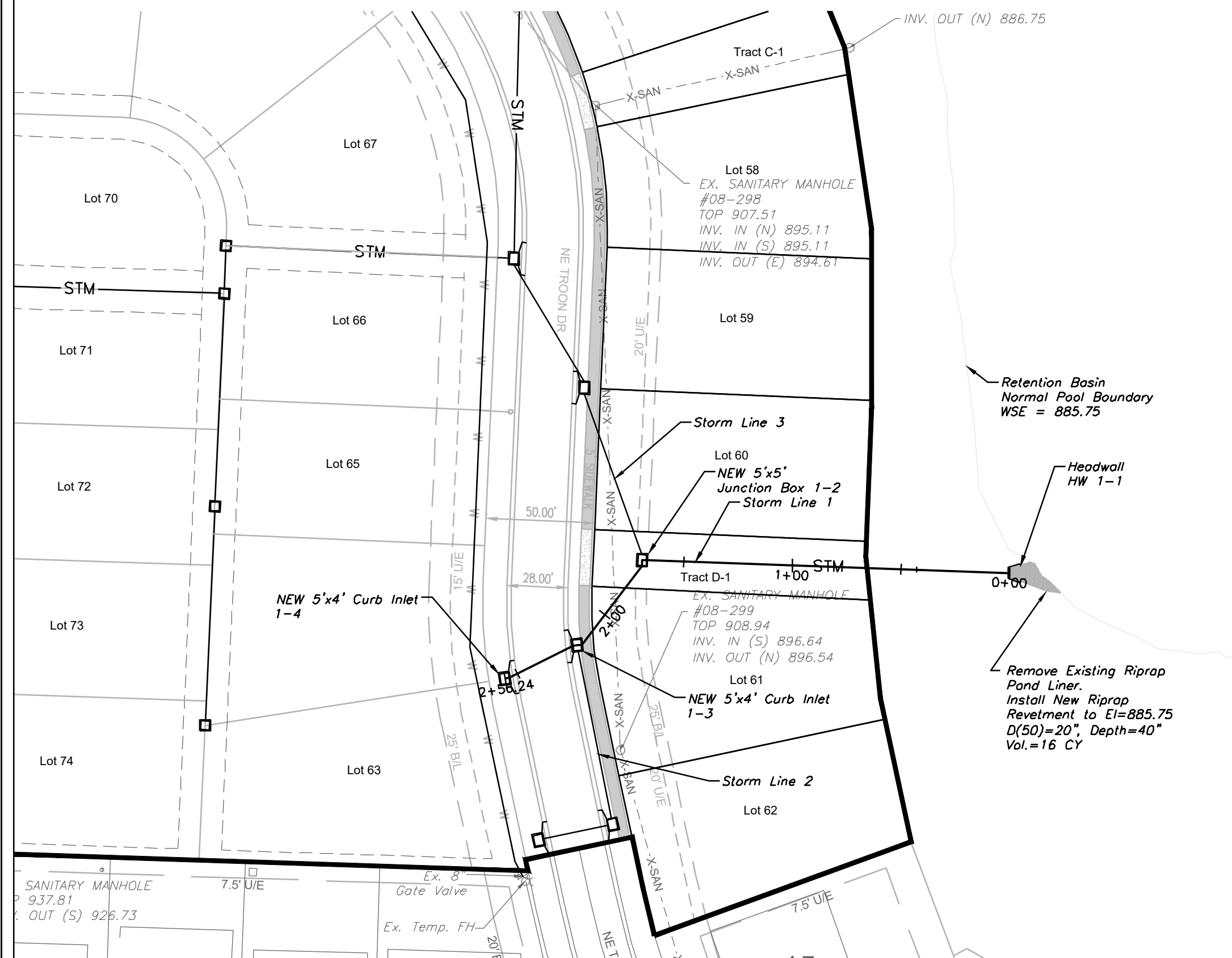
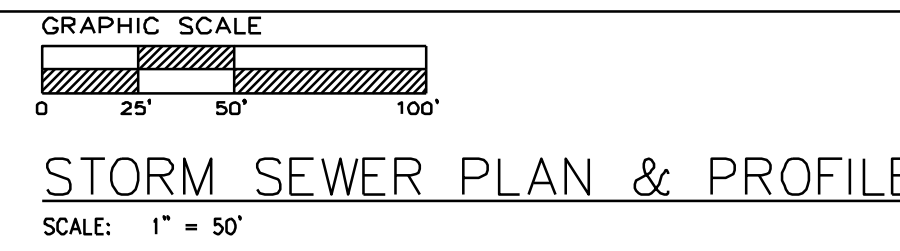
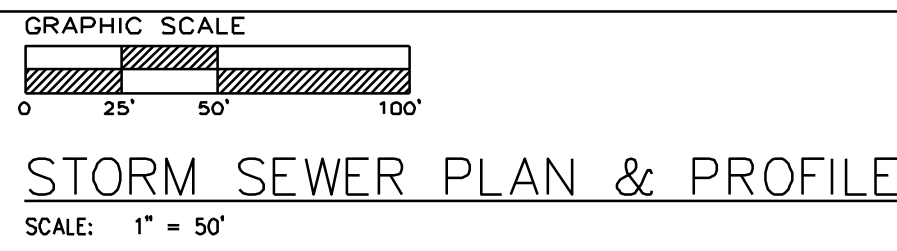
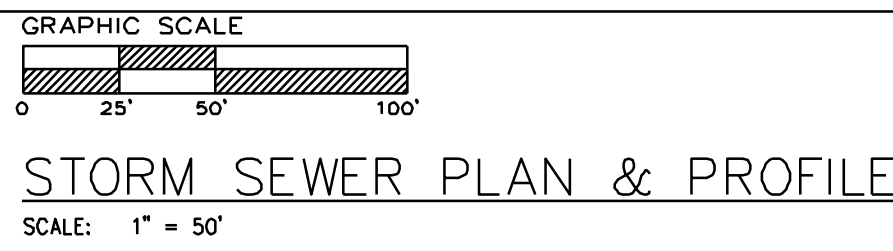
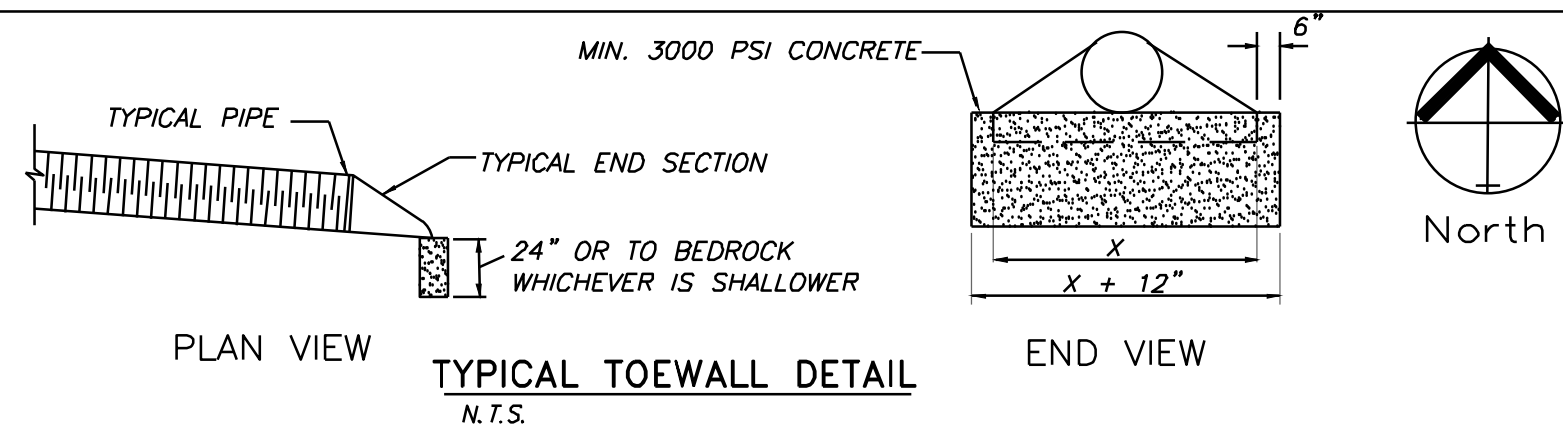
Project:
VILLAGES OF CHAPEL
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Storm Sewer General Layout
Construction Plans for:
THE VILLAGES OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
Lee's Summit, Jackson County, Missouri

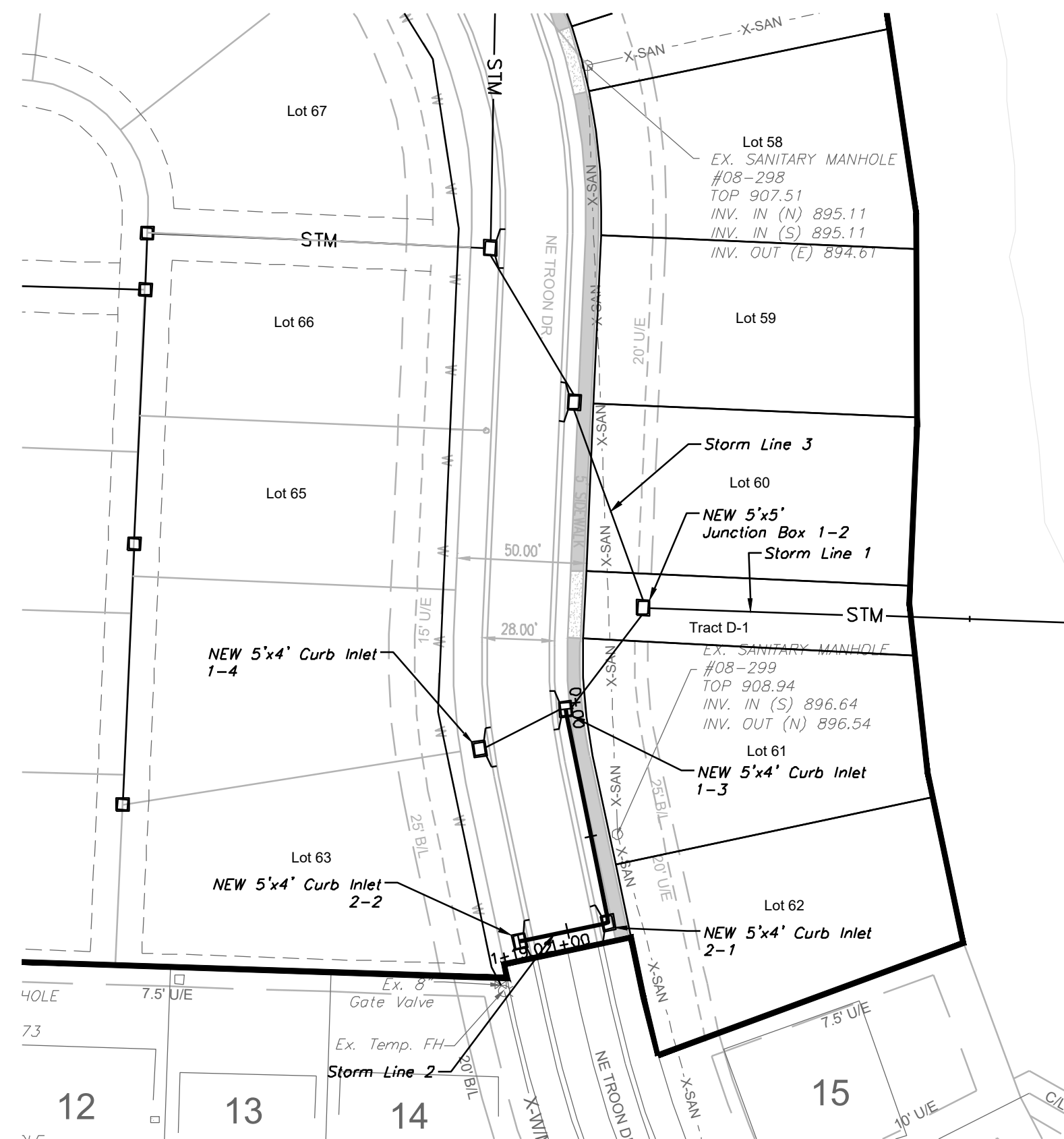


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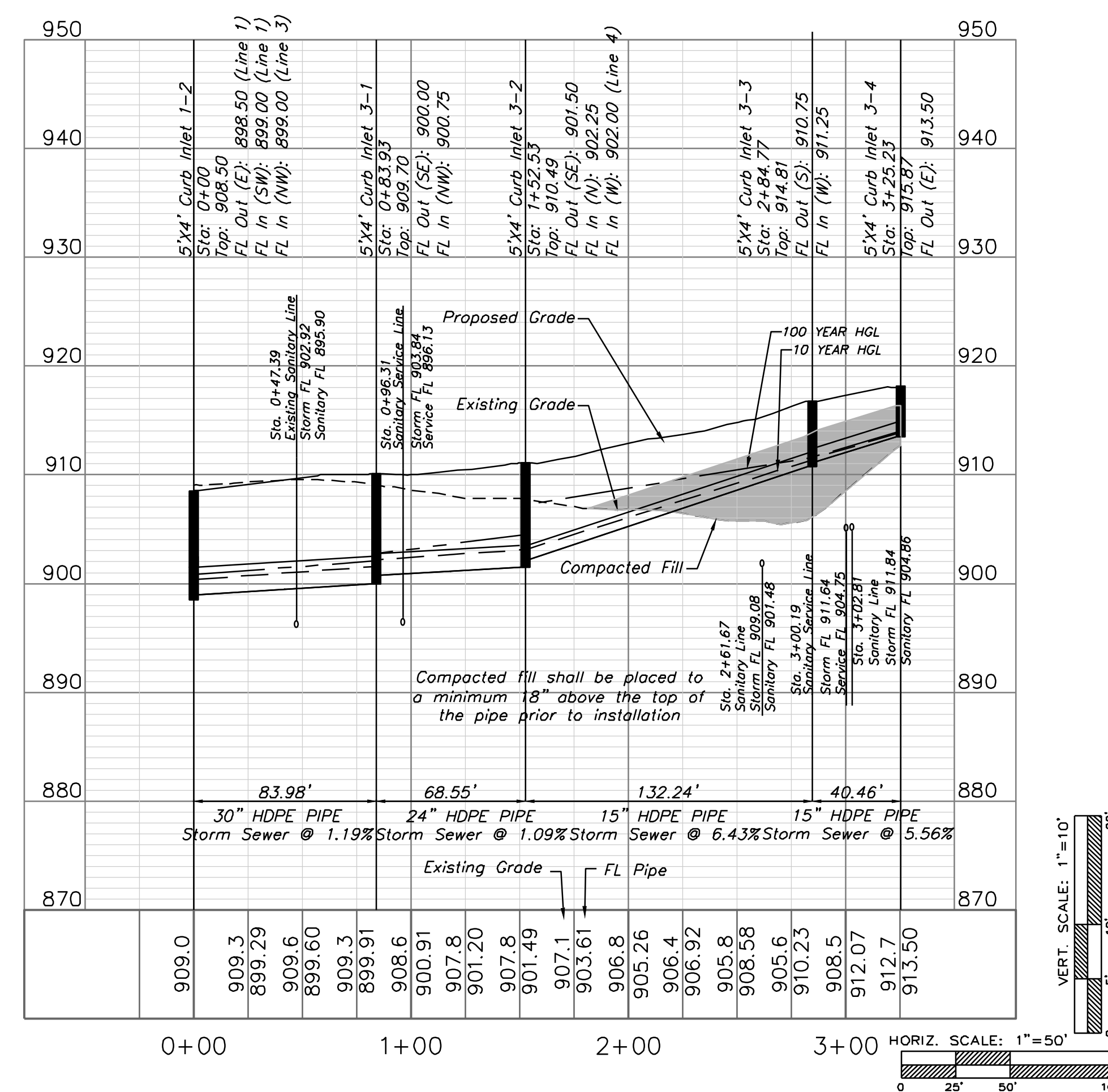
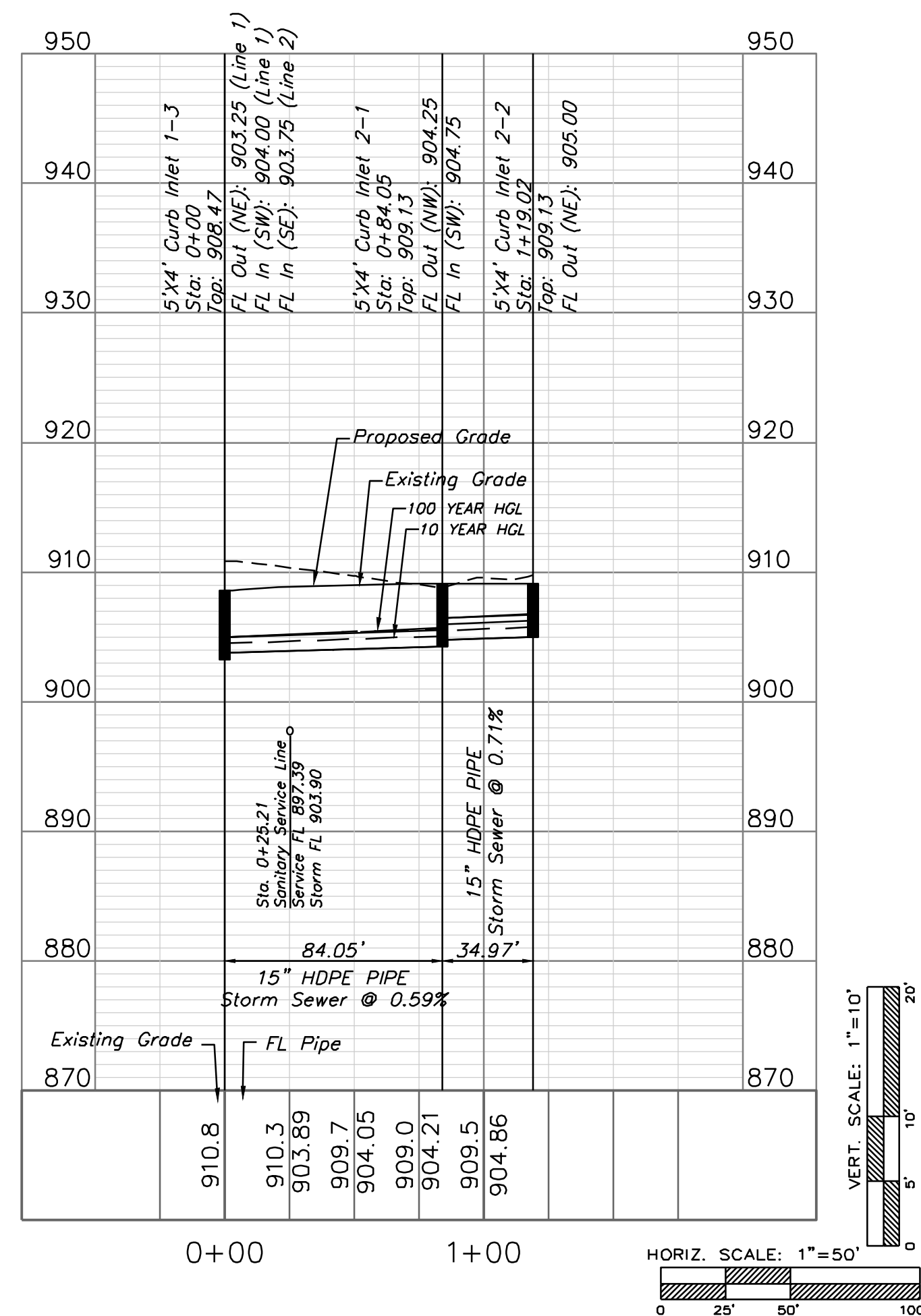
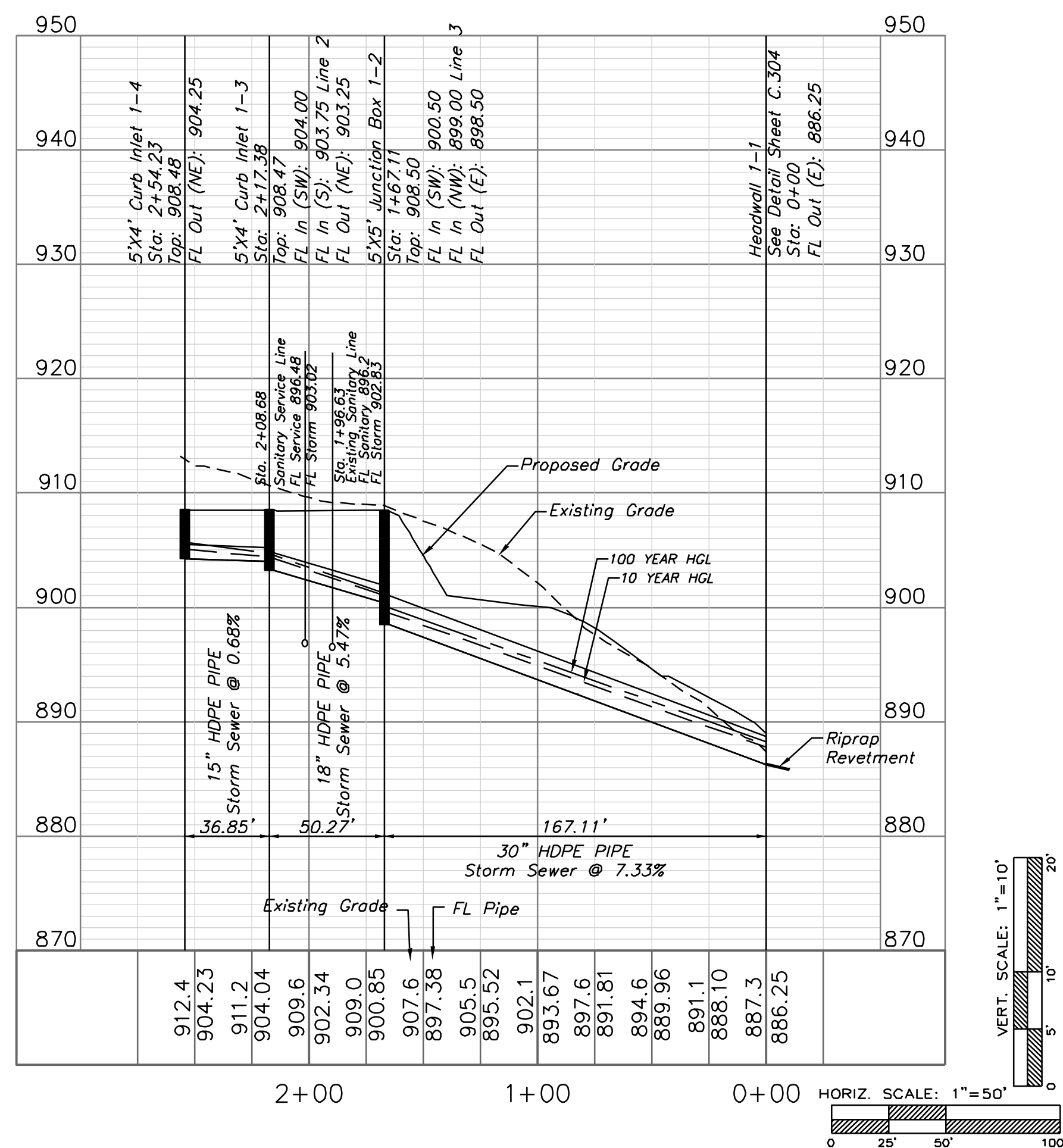
STORM LINE 1



STORM LINE 2



STORM LINE 3

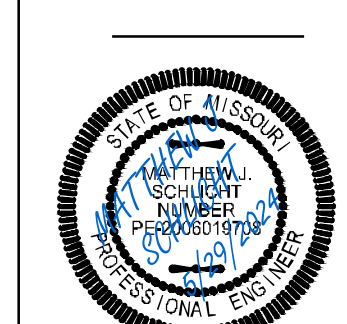


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THE VILLAS OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
Lee's Summit, Jackson County, Missouri

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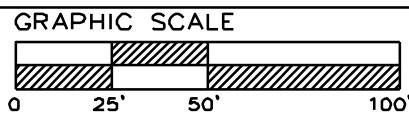
Storm Sewer Plan and Profile
Construction Plans for:
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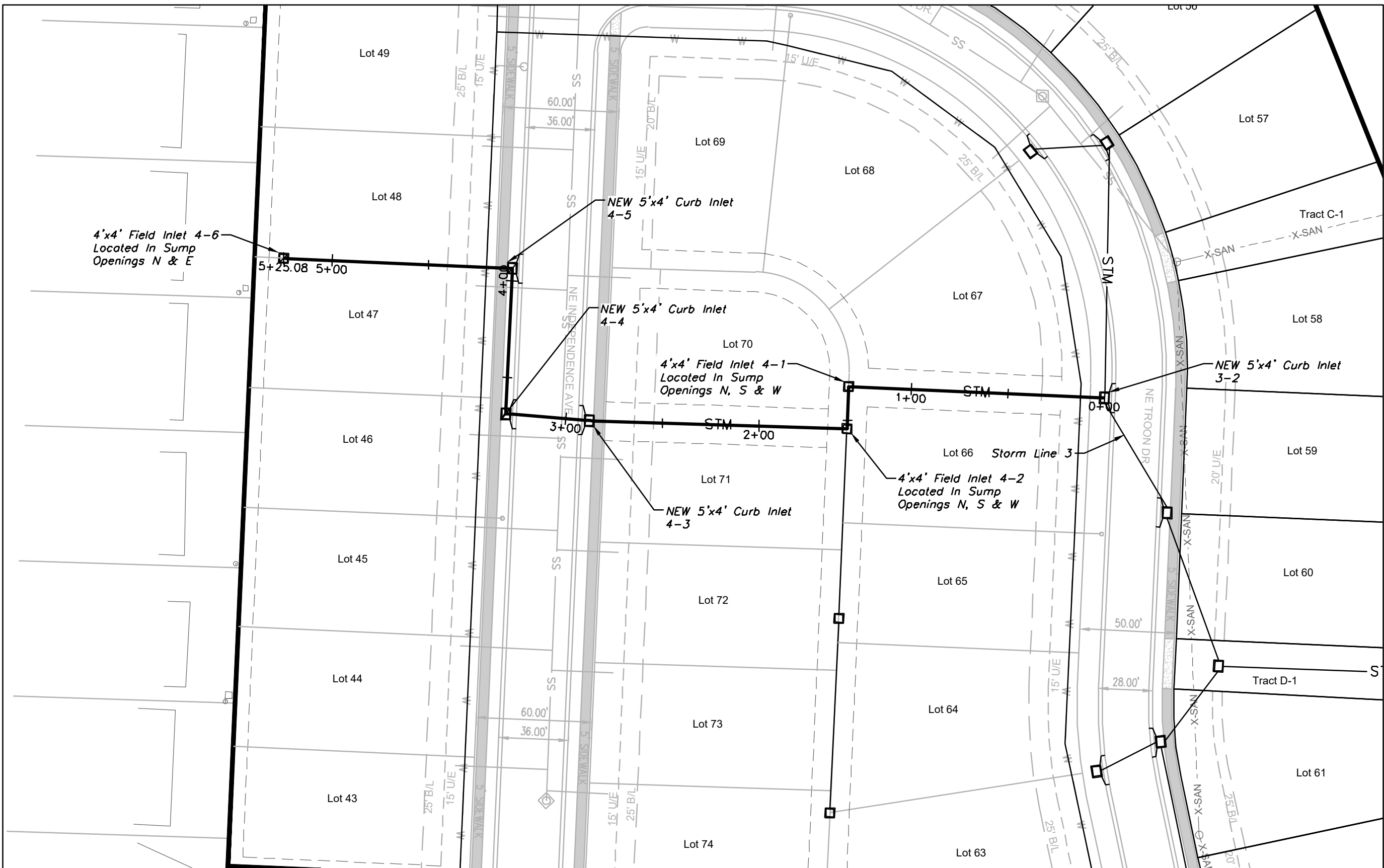
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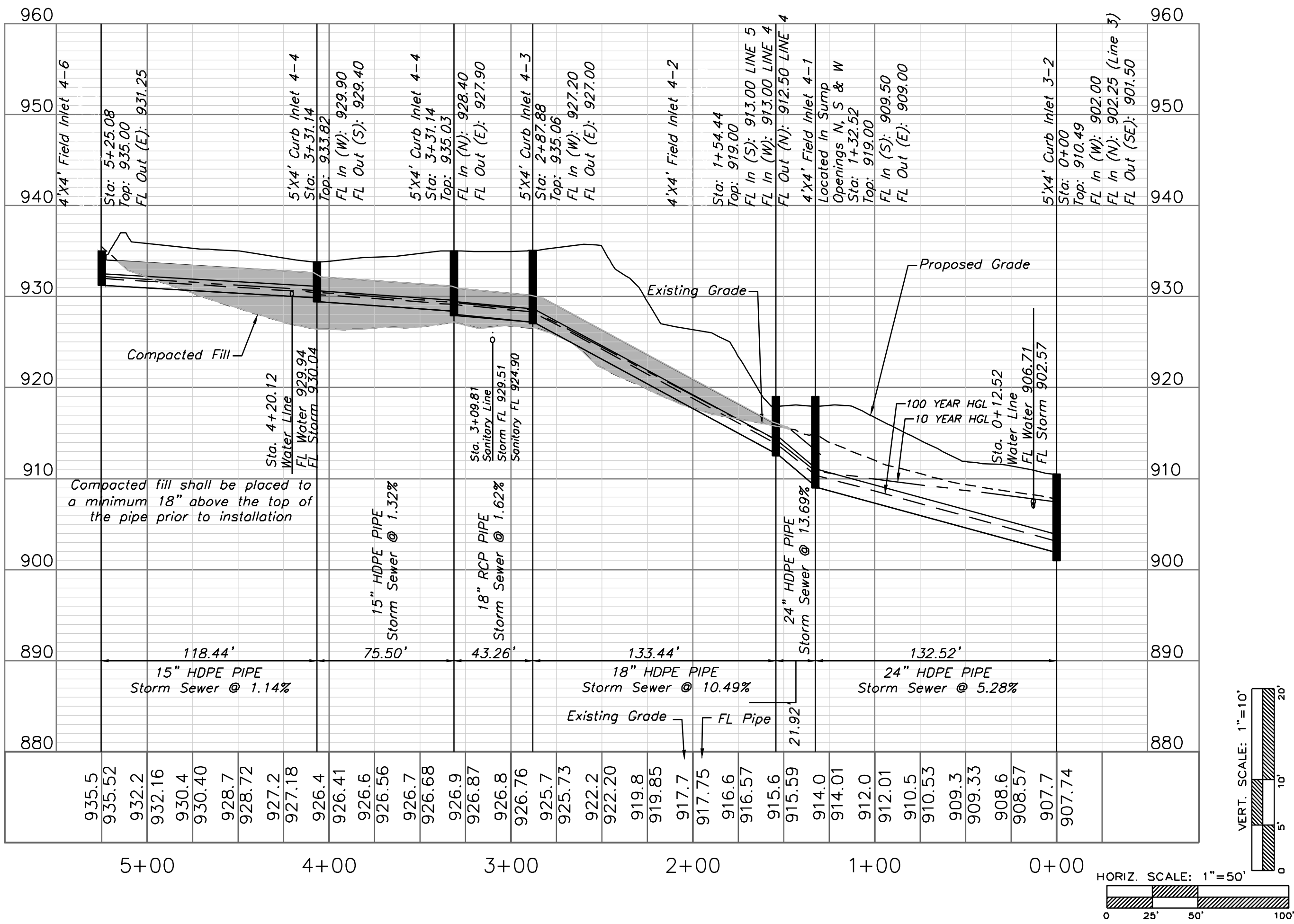


STORM SEWER PLAN & PROFILE

SCALE: 1" = 50'



STORM LINE 4

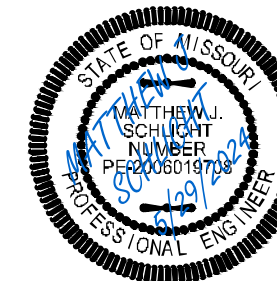


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Lee's Summit, Jackson County, Missouri

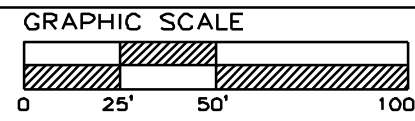
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Storm Sewer Plan and Profile
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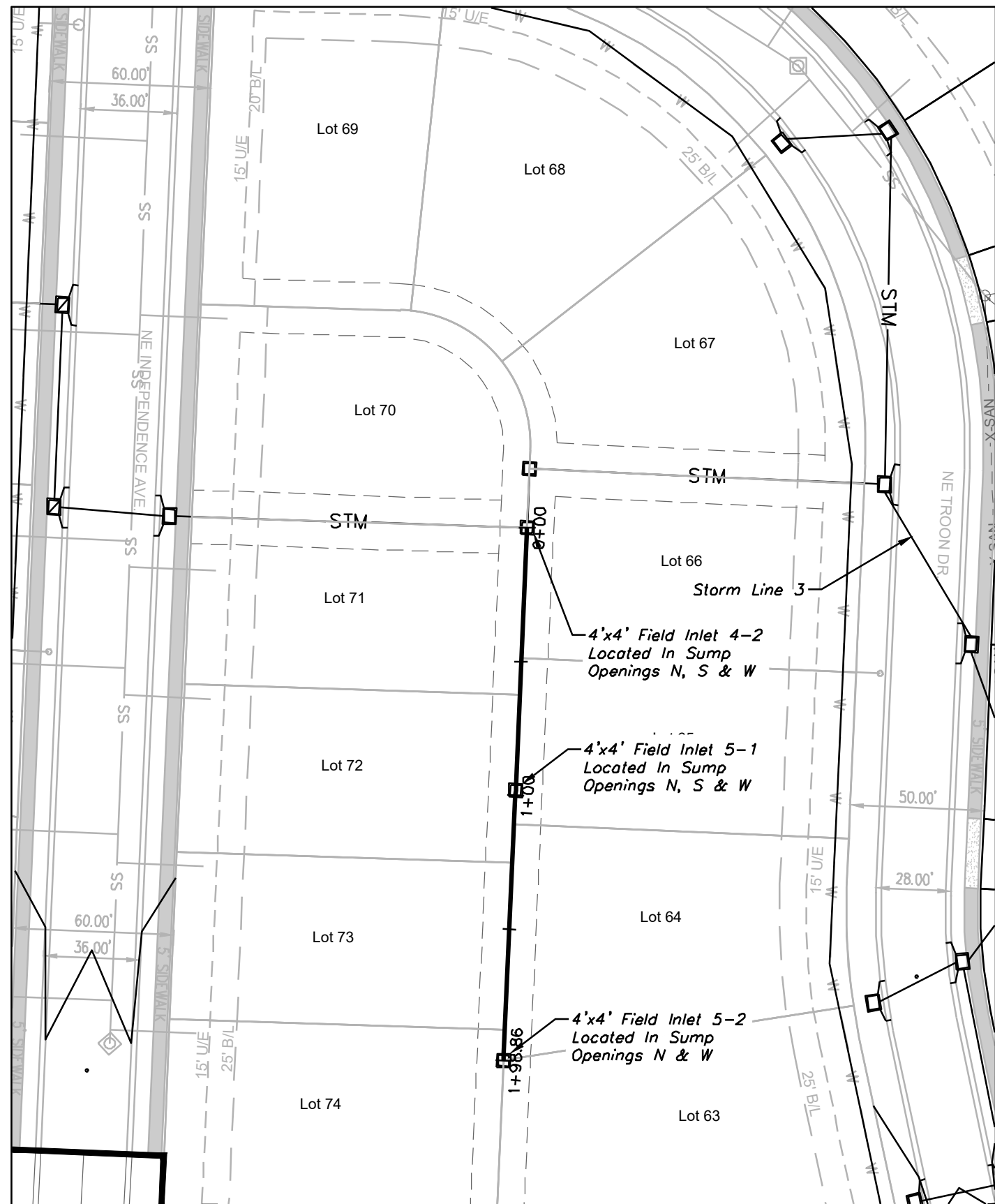


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NE PE E-14335

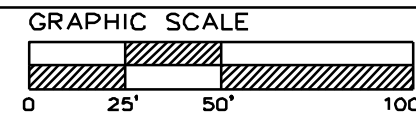
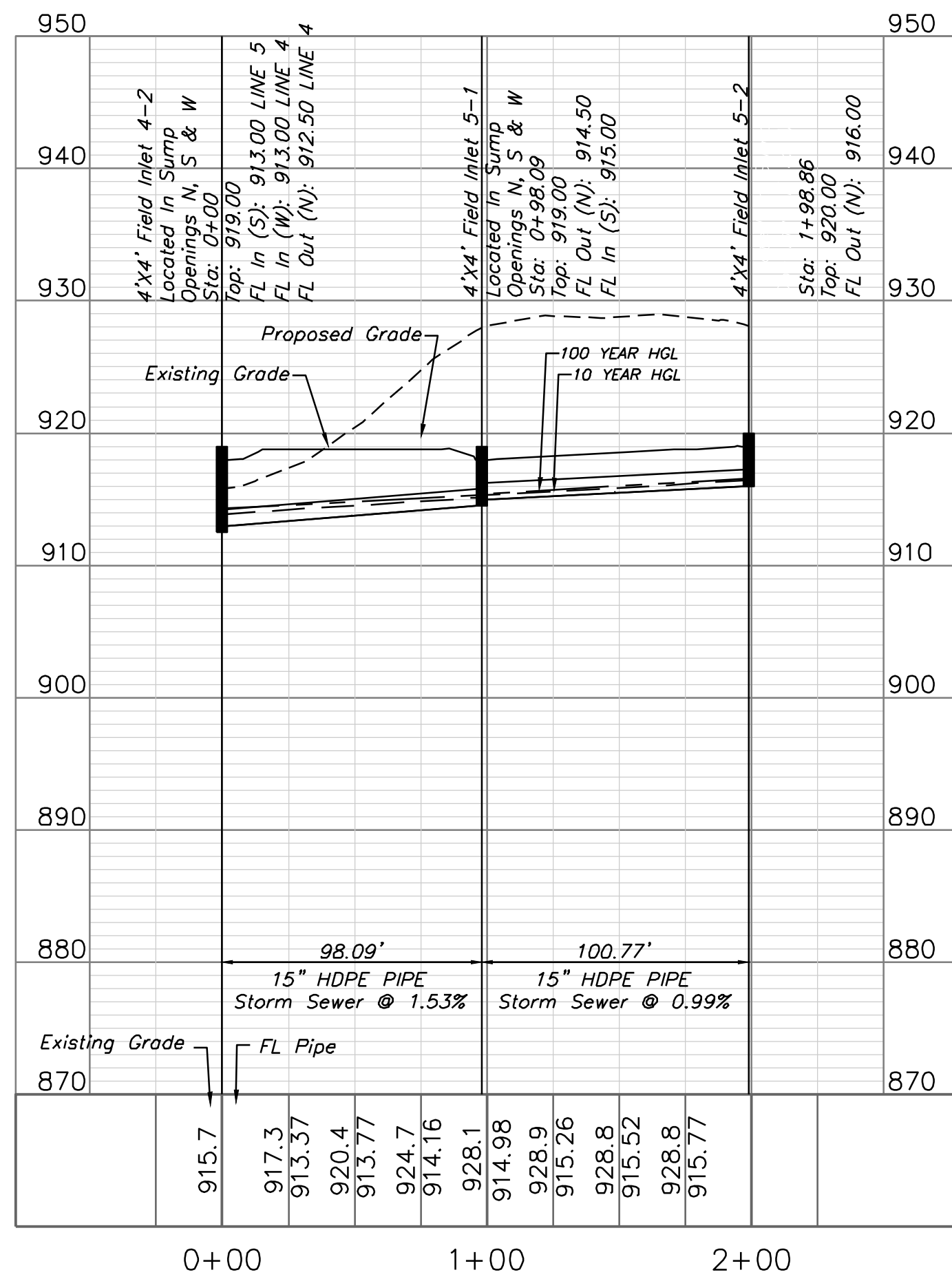
REVISIONS
REV. 8/12/2022
REV. 10/3/2022
REV. 4/26/2023
REV. 5/29/2024



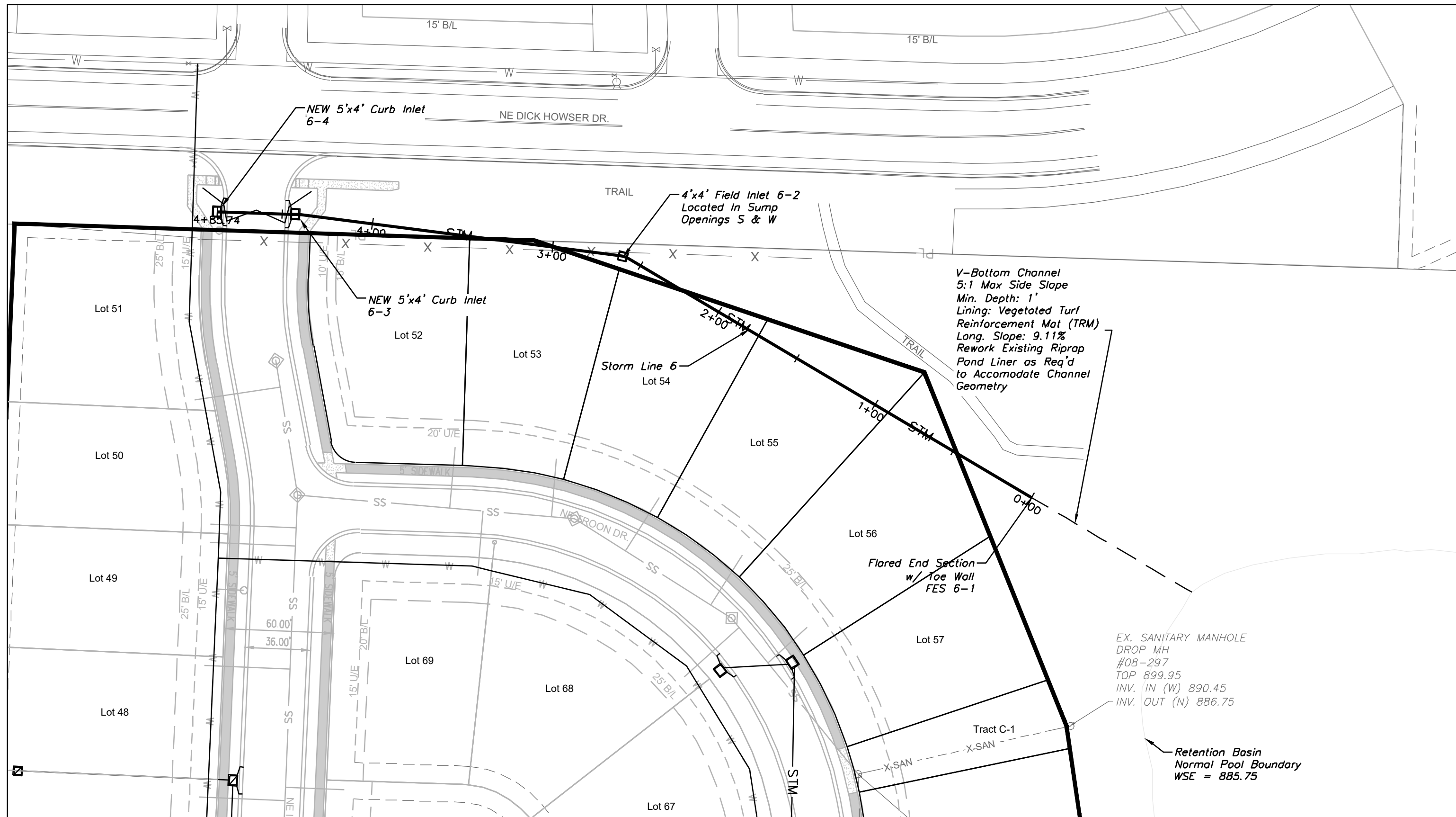
STORM SEWER PLAN & PROFILE
SCALE: 1" = 50'



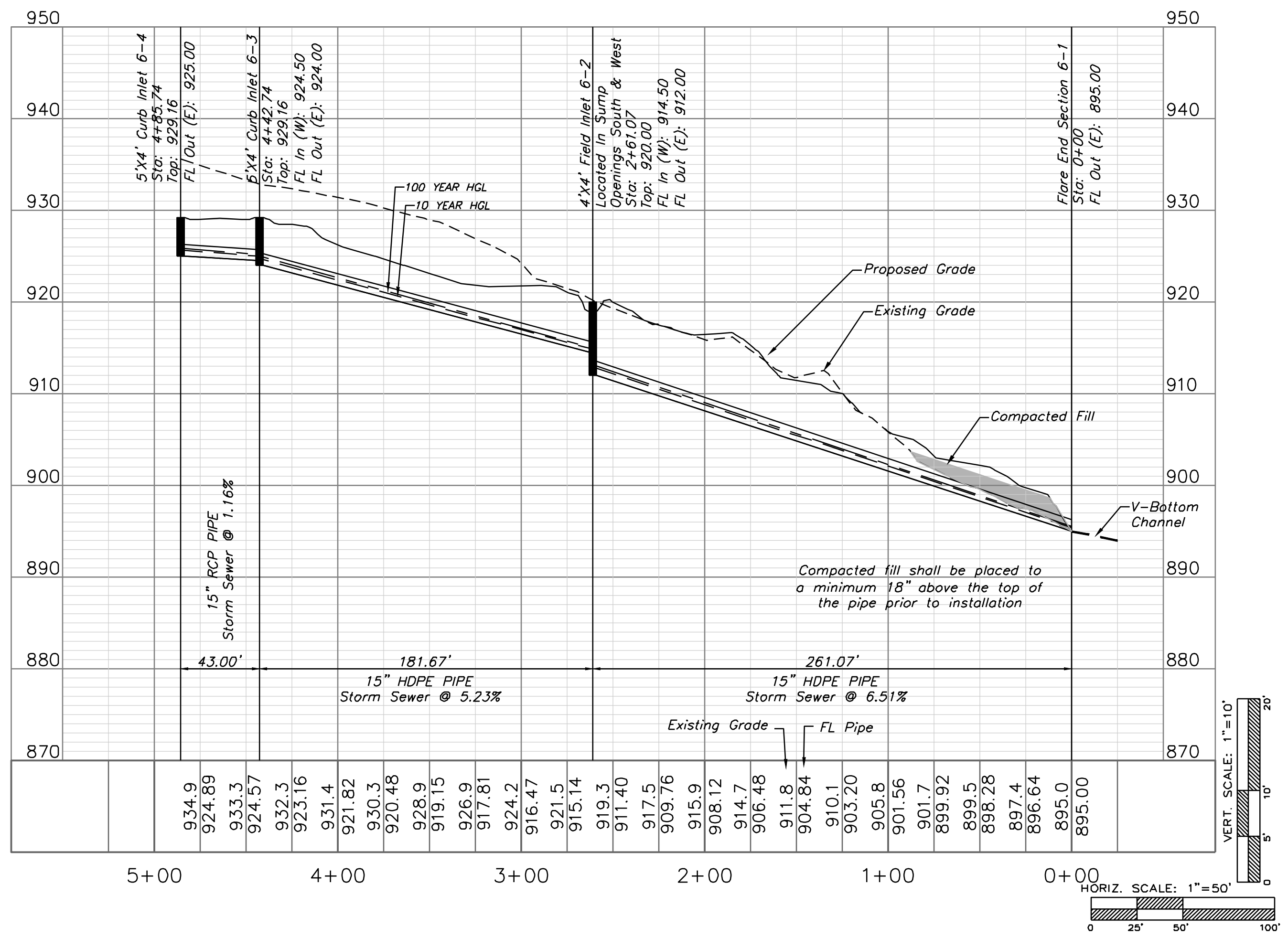
STORM LINE 5



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



STORM LINE 6

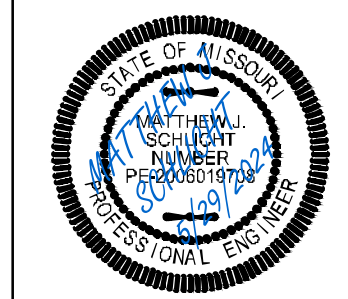


Professional Registration
Missouri
Engineering 2005002186-D
Surveying 2005008318-D
Kansas
Engineering E-1695
Surveying LS-216
Oklahoma
Engineering 6284
Nebraska
Engineering CA2821

THE VILLAS OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
Lee's Summit, Jackson County, Missouri

Project:
THE VILLAS OF CHAPEL
RIDGE-LSMO
Issue Date:
June 24, 2022

Storm Sewer Plan and Profile
Construction Plans for:
THE VILLAS OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
Lee's Summit, Jackson County, Missouri



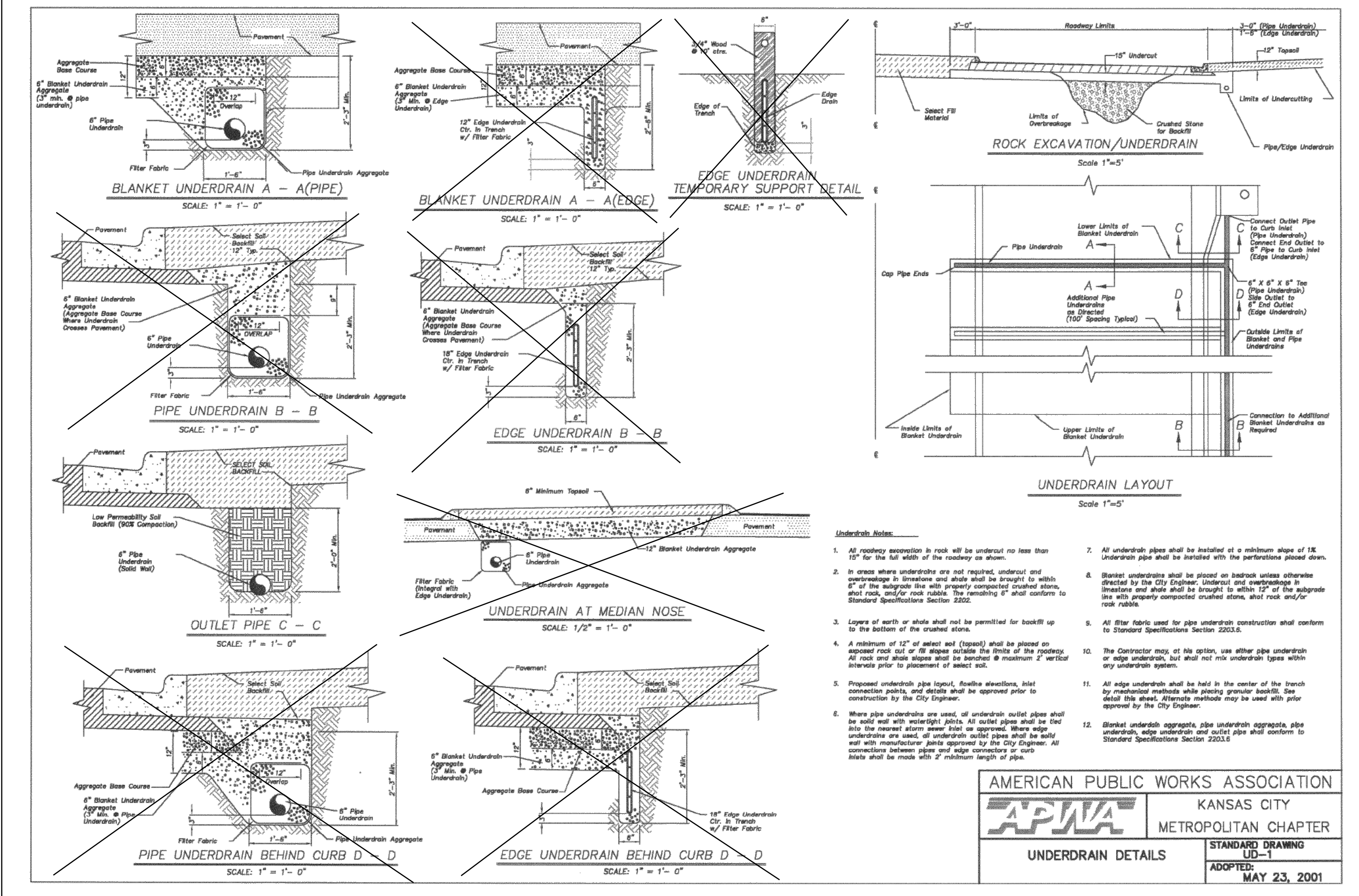
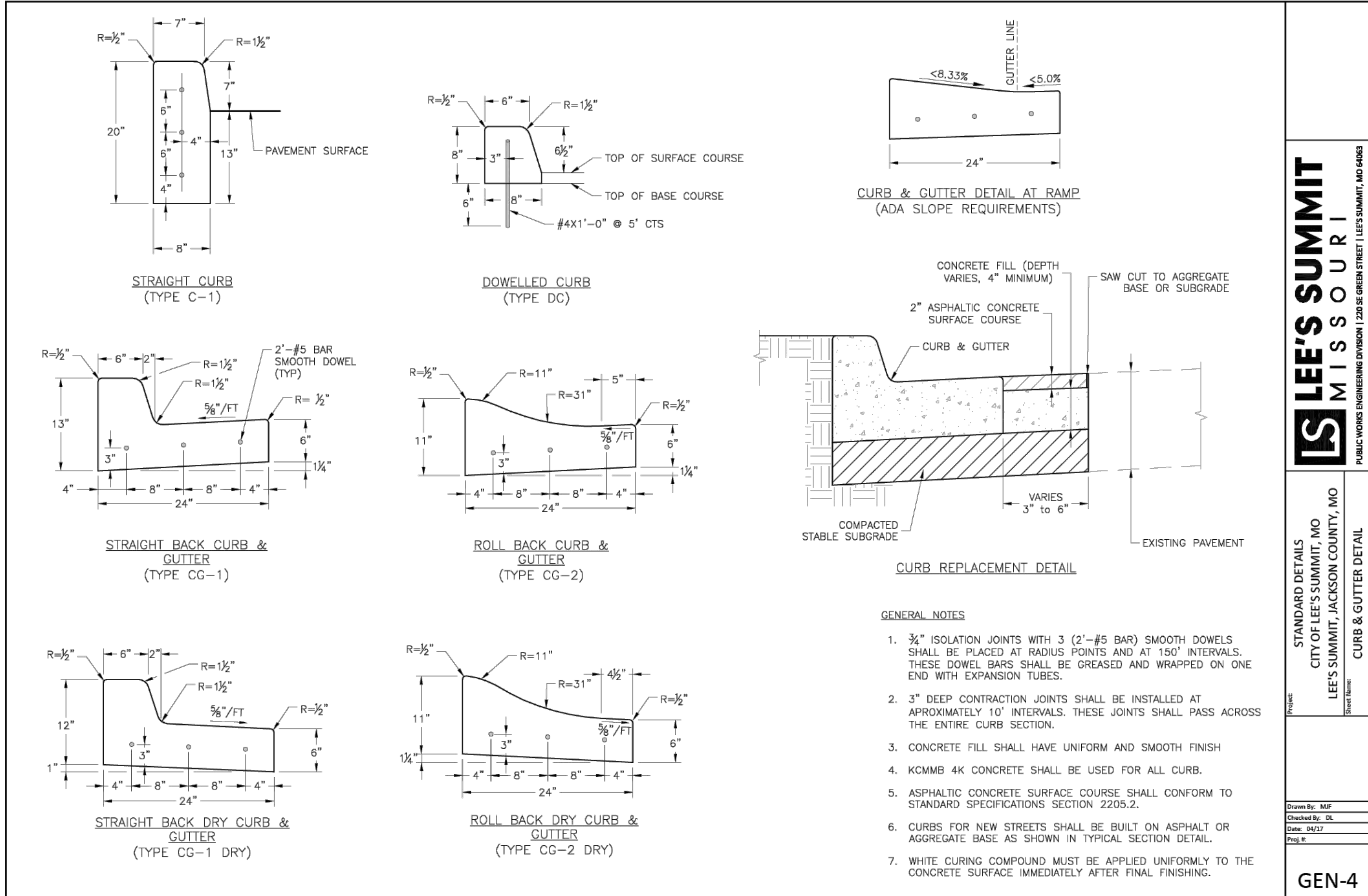
Matthew J. Schlicht
MO PE 000019708
KS PE 19071
OK PE 25226
NE PE E-14335

REVISIONS
REV. 8/12/2022
REV. 10/3/2022
REV. 4/26/2023
REV. 5/29/2024

10-YR STRUCTURE																							
D.S. Str.	Str. No.	Area (ac)	InletTime (min)	Int. (in/hr)	RunoffCoeff. (C)	Q=CIA (cfs)	Q Carry-over (cfs)	QCaptured (cfs)	QBypassed (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	0	0	0	0	.....	.....	.....	MH	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1-2	1-3	0.21	5.8	7.11	0.66	0.99	0.2	1.19	0	Curb	3.8	5	Sag	2	0.05	0.02	9	0.96	n/a	n/a	0.21	7.66	Sag
1-3	1-4R	0.68	6.6	6.9	0.66	3.09	0.83	3.92	0	Curb	3.8	5	Sag	2	0.05	0.02	9	1.15	n/a	n/a	0.4	16.99	Sag
1-4R	1-4L	0.24	5.4	7.23	0.66	1.14	0.81	1.95	0	Curb	3.8	5	Sag	2	0.05	0.02	9	1.02	n/a	n/a	0.27	10.67	Sag
1-3	2-1	0.17	6.4	6.95	0.66	0.78	0	0.78	0	Curb	3.8	5	0.015	2	0.05	0.02	9	0.9	0	0	0.15	4.69	1-3
2-1	2-2	0.73	5.8	7.11	0.66	3.43	0	2.62	0.81	Curb	3.8	5	0.015	2	0.05	0.02	9	1	0.16	4.78	0.25	9.29	1-4L
1-2	3-1	0.22	5.7	7.14	0.66	1.04	1.05	1.88	0.2	Curb	3.8	5	0.017	2	0.05	0.02	9	0.96	0.09	1.87	0.21	7.3	1-3
3-1	3-2	0.72	5.8	7.11	0.66	3.38	0	2.55	0.83	Curb	3.8	5	0.017	2	0.05	0.02	9	0.99	0.15	4.68	0.24	8.99	1-4R
3-2	3-3	0.31	5.6	7.17	0.66	1.47	1.55	1.97	1.05	Curb	3.8	5	0.062	2	0.05	0.02	9	0.94	0.13	3.71	0.19	6.44	3-1
3-3	3-4	0.79	6.7	6.87	0.66	3.58	0.04	2.08	1.55	Curb	3.8	5	0.08	2	0.05	0.02	9	0.94	0.15	4.32	0.19	6.61	3-3
3-2	4-1	0.15	5	7.34	0.66	0.73	0	0.73	0	Dp-Curb	6	12	Sag	.....	0.02	0.02	.....	0.07	n/a	n/a	0.07	3.7	Sag
4-1	4-2	0.09	5.1	7.31	0.66	0.43	0	0.43	0	Dp-Curb	6	12	Sag	.....	0.02	0.02	.....	0.05	n/a	n/a	0.05	2.63	Sag
4-2	4-3	0.32	5.8	7.11	0.66	1.5	0	1.46	0.04	Curb	3.8	5	0.019	2	0.05	0.02	9	0.93	0.05	1.02	0.18	6.13	3-4
4-3	4-4	1.38	7.1	6.77	0.66	6.16	0	3.46	2.71	Curb	3.8	5	0.019	2	0.05	0.02	9	1.04	0.22	7.99	0.29	11.26	4-5
4-4	4-5	0.2	6.8	6.84	0.66	0.9	2.71	2.44	1.17	Curb	3.8	5	0.015	2	0.02	0.02	9	0.95	0.13	6.57	0.2	10.01	6-4
4-5	4-6	0.76	5.6	7.17	0.66	3.6	0	3.6	0	Dp-Curb	6	16	Sag	.....	0.02	0.02	.....	0.18	n/a	n/a	0.18	8.88	Sag
4-2	5-1	0.29	5.3	7.26	0.66	1.39	0	1.39	0	Dp-Curb	6	12	Sag	.....	0.02	0.02	.....	0.11	n/a	n/a	0.11	5.7	Sag
5-1	5-2	0.23	5.1	7.31	0.66	1.11	0	1.11	0	Dp-Curb	6	12	Sag	.....	0.02	0.02	.....	0.1	n/a	n/a	0.1	4.91	Sag
6-1	6-2	0.38	7.2	6.74	0.66	1.69	0	1.69	0	Dp-Curb	6	8	Sag	.....	0.02	0.02	.....	0.17	n/a	n/a	0.17	8.52	Sag
6-2	6-3	0.13	7.2	6.74	0.66	0.58	0	0.58	0	Curb	3.8	5	0.038	2	0.05	0.02	9	0.87	0	0	0.12	2.94	Offsite
6-3	6-4	0.61	7.2	6.74	0.66	2.71	1.17	2.44	1.45	Curb	3.8	5	0.038	2	0.05	0.02	9	0.97	0.16	5.08	0.22	8.04	Offsite

10-YR 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)	RnfallInt (in/hr)	TotalRunoff (cfs)	TotalFlow (cfs)	CapacFull (cfs)	Veloc (ft/s)	PipeSize (in)	PipeSlope (%)	Inv ElevDn (ft)	Inv ElevUp (ft)	HGLDn (ft)	HGLUp (ft)	Gnd/RimDn (ft)	Gnd/RimUp (ft)
1-1	1-2	173.94	0	7.49	0	0	4.94	0	8.1	6.5	32.26	32.26	140.04	15.55	30	6.90	886.50	898.50	887.32	900.43	0.00	908.00
1-2	1-3	50.27	0.21	2.03	0.66	0.14	1.34	5.8	6.7	6.9	9.2	9.2	31.93	10.91	18	5.47	900.50	903.25	901.05	904.42	908.00	908.47
1-3	1-4R	36.85	0.68	0.92	0.66	0.45	0.61	6.6	6.6	6.9	4.19	4.19	6.91	5.38	15	0.68	904.00	904.25	904.70	905.08	908.47	908.48
1-4R	1-4L	1	0.24	0.24	0.66	0.16	0.16	5.4	5.4	7.2	1.14	1.14	59.36	2.24	15	50.00	904.25	904.75	905.08	905.17	908.48	908.48
1-3	2-1	84.05	0.17	0.9	0.66	0.11	0.59	6.4	6.4	6.9	4.13	4.13	6.47	5.21	15	0.59	903.75	904.25	904.48	905.07	908.47	909.13
2-1	2-2	34.97	0.73	0.73	0.66	0.48	0.48	5.8	5.8	7.1	3.43	3.43	7.1	5.11	15	0.71	904.75	905.00	905.36	905.75	909.13	909.13
1-2	3-1	83.98	0.22	5.46	0.66	0.15	3.6	5.7	7.9	6.6	23.67	23.67	58.18	7.5	30	1.19	899.00	900.00	900.43	901.66	908.00	909.70
3-1	3-2	68.55	0.72	5.24	0.66	0.48	3.46	5.8	7.8	6.6	22.82	22.82	30.76	9.37	24	1.09	900.75	901.50	902.03	903.20	909.70	910.49
3-2	3-3	132.24	0.31	1.1	0.66	0.2	0.73	5.6	6.8	6.8	4.97	4.97	21.28	5.1	15	6.43	902.25	910.75	903.20	911.65	910.49	914.81
3-3	3-4	40.46	0.79	0.79	0.66	0.52	0.52	6.7	6.7	6.9	3.58	3.58	19.8	7.51	15	5.56	911.25	913.50	911.65	914.26	914.81	915.87
3-2	4-1	132.52	0.15	3.42	0.66	0.1	2.26	5	7.5	6.7	15.06	15.06	67.58	7.04	24	5.28	902.00	909.00	903.20	910.40	910.49	923.00
4-1	4-2	21.92	0.09	3.27	0.66	0.06	2.16	5.1	7.4	6.7	14.42	14.42	108.78	8.43	24	13.69	909.50	912.50	910.40	913.87	923.00	923.00
4-2	4-3	133.44	0.32	2.66	0.66	0.21	1.76	5.8	7.2	6.7	11.84	11.84	44.22	9.21	18	10.49	913.00	927.00	913.87	928.31	923.00	935.06
4-3	4-4	43.26	1.38	2.34	0.66	0.91	1.54	7.1	7.1	6.8	10.45	10.45	17.37	7.08	18	1.62	927.20	927.90	928.31	929.14	935.06	935.03
4-4	4-5	75.5	0.2	0.96	0.66	0.13	0.63	6.8	6.8	6.8	4.34	4.34	9.66	5.32	15	1.32	928.40	929.40	929.14	930.24	935.03	933.82
4-5	4-6	118.44	0.76	0.76	0.66	0.5	0.5	5.6	5.6	7.2	3.6	3.6	8.96	5.73	15	1.14	929.90	931.25	930.45	932.02	933.82	935.00
4-2	5-1	98.09	0.29	0.52	0.66	0.19	0.34	5.3	5.5	7.2	2.47	2.47	10.38	3.35	15	1.53	913.00	914.50	913.87	915.13	923.00	920.40
5-1	5-2	100.77	0.23	0.23	0.66	0.15	0.15	5.1	5.1	7.3	1.11	1.11	8.36	3.92	15	0.99	915.00	916.00	915.31	916.41	920.40	922.00
6-1	6-2	261.07	0.38	1.12	0.66	0.25	0.74	7.2	7.7	6.6	4.89	4.89	21.42	9.67	15	6.51	895.00	912.00	895.41	912.90	0.00	920.00
6-2	6-3	181.67	0.13	0.74	0.66	0.09	0.49	7.2	7.3	6.7	3.28	3.28	19.2	8.04	15	5.23	914.50	924.00	914.85	924.73	920.00	929.16
6-3	6-4	43	0.61	0.61	0.66	0.4	0.4	7.2	7.2	6.7	2.71	2.71	9.05	5.28	15	1.16	924.50	925.00	924.97	925.66	929.16	929.16

100-YR STRUCTURE																							
D.S. Str.	Str. No.	Area (ac)	InletTime (min)	Int. (in/hr)	RunoffCoeff. (C)	Q=CIA (cfs)	Q Carry-over (cfs)	QCaptured (cfs)	QBypassed (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	0	0	0	0	....	....	....	MH	....	....	....	....	....	....	....	....	....	....	....	....	....
1-2	1-3	0.21	5.8	12.52	0.66	1.74	2.16	3.9	0	Curb	3.8	5	Sag	2	0.05	0.02	9	1.15	n/a	n/a	0.4	16.92	Sag
1-3	1-4R	0.68	6.6	12.17	0.66	5.46	2.49	7.95	0	Curb	3.8	5	Sag	2	0.05	0.02	9	1.35	n/a	n/a	0.6	27.23	Sag
1-4R	1-4L	0.24	5.4	12.71	0.66	2.01	2.48	4.49	0	Curb	3.8	5	Sag	2	0.05	0.02	9	1.18	n/a	n/a	0.43	18.6	Sag
1-3	2-1	0.17	6.4	12.26	0.66	1.38	0	1.37	0	Curb	3.8	5	0.015	2	0.05	0.02	9	0.93	0.02	0.47	0.18	6.22	1-3
2-1	2-2	0.73	5.8	12.52	0.66	6.03	0	3.55	2.48	Curb	3.8	5	0.015	2	0.05	0.02	9	1.04	0.22	8.09	0.29	11.7	1-4L
1-2	3-1	0.22	5.7	12.57	0.66	1.82	3.65	3.31	2.16	Curb	3.8	5	0.017	2	0.05	0.02	9	1.03	0.21	7.41	0.28	10.97	1-3
3-1	3-2	0.72	5.8	12.52	0.66	5.95	0	3.46	2.49	Curb	3.8	5	0.017	2	0.05	0.02	9	1.04	0.22	7.89	0.29	11.35	1-4R
3-2	3-3	0.31	5.6	12.61	0.66	2.58	3.97	2.91	3.65	Curb	3.8	5	0.062	2	0.05	0.02	9	0.99	0.2	7.02	0.24	9.05	3-1
3-3	3-4	0.79	6.7	12.13	0.66	6.32	0.47	2.82	3.97	Curb	3.8	5	0.08	2	0.05	0.02	9	0.98	0.2	6.89	0.23	8.71	3-3
3-2	4-1	0.15	5	12.9	0.66	1.28	0	1.28	0	Dp-Curb	6	12	Sag	....	0.02	0.02	....	0.11	n/a	n/a	0.11	5.39	Sag
4-1	4-2	0.09	5.1	12.85	0.66	0.76	0	0.76	0	Dp-Curb	6	12	Sag	....	0.02	0.02	....	0.08	n/a	n/a	0.08	3.82	Sag
4-2	4-3	0.32	5.8	12.52	0.66	2.64	0	2.17	0.47	Curb	3.8	5	0.019	2	0.05	0.02	9	0.97	0.13	3.25	0.22	7.91	3-4
4-3	4-4	1.38	7.1	11.96	0.66	10.89	0	4.53	6.36	Curb	3.8	5	0.019	2	0.05	0.02	9	1.09	0.29	11.4	0.34	14.13	4-5
4-4	4-5	0.2	6.8	12.08	0.66	1.6	6.36	3.68	4.27	Curb	3.8	5	0.015	2	0.02	0.02	9	1.02	0.21	10.66	0.27	13.46	6-4
4-5	4-6	0.76	5.6	12.61	0.66	6.33	0	6.33	0	Dp-Curb	6	16	Sag	....	0.02	0.02	....	0.26	n/a	n/a	0.26	12.94	Sag
4-2	5-1	0.29	5.3	12.75	0.66	2.44	0	2.44	0	Dp-Curb	6	12	Sag	....	0.02	0.02	....	0.17	n/a	n/a	0.17	8.31	Sag
5-1	5-2	0.23	5.1	12.85	0.66	1.95	0	1.95	0	Dp-Curb	6	12	Sag	....	0.02	0.02	....	0.14	n/a	n/a	0.14	7.15	Sag
6-1	6-2	0.38	7.2	11.92	0.66	2.99	0	2.99	0	Dp-Curb	6	8	Sag	....	0.02	0.02	....	0.25	n/a	n/a	0.25	12.46	Sag
6-2	6-3	0.13	7.2	11.92	0.66	1.02	0	1.01	0.01	Curb	3.8	5	0.038	2	0.05	0.02	9	0.89	0.03	0.55	0.14	4.22	Offsite
6-3	6-4	0.61	7.2	11.92	0.66	4.8	4.27	3.69	5.39	Curb	3.8	5	0.038	2	0.05	0.02	9	1.04	0.24	9.24	0.29	11.44	Offsite

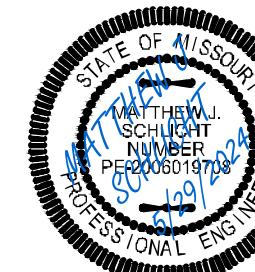


GENERAL NOTE:
1 - ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL AS ADOPTED BY ORDINANCE 5813.

ADDED UNDERDRAIN DETAILS.

THE VILLAGES OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
Lee's Summit, Jackson County, Missouri

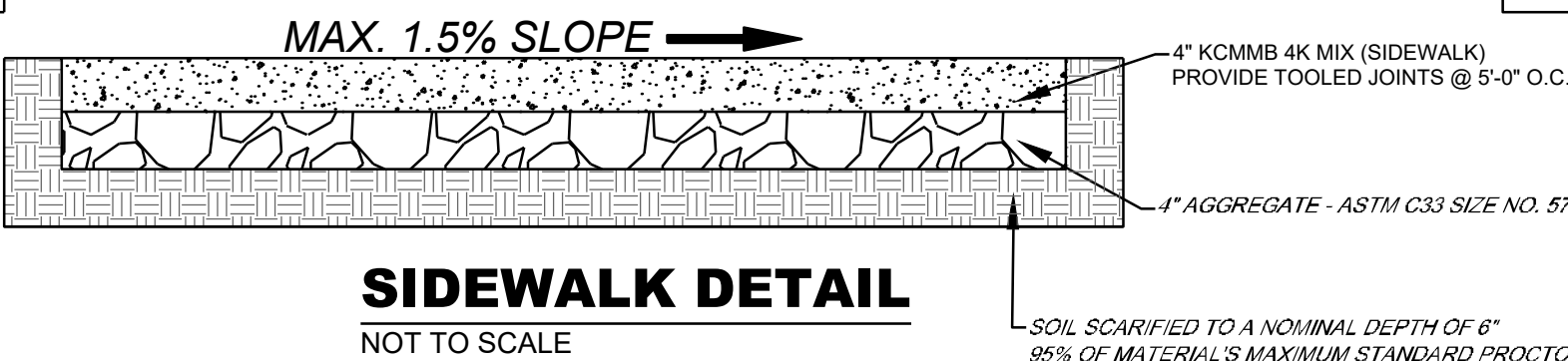
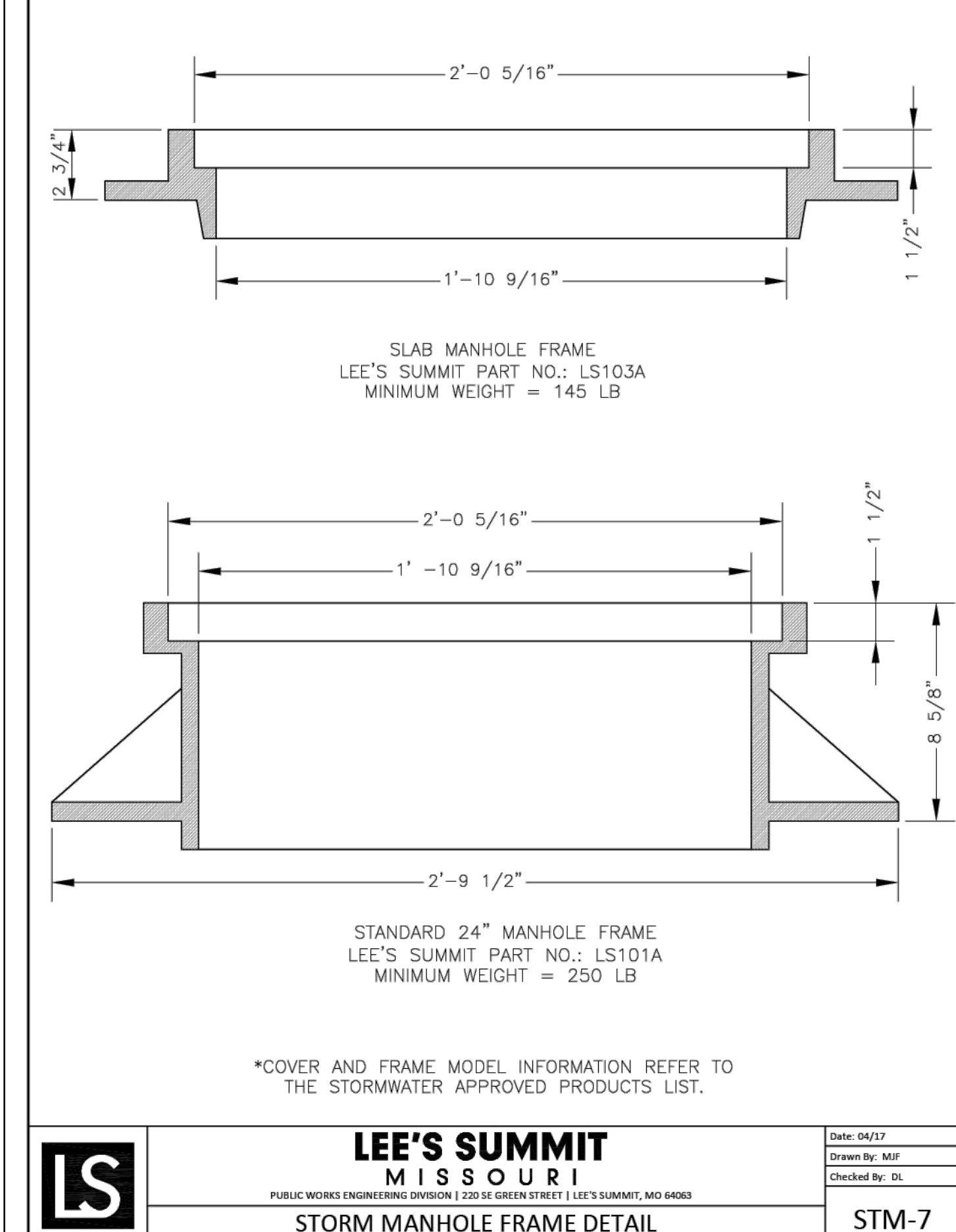
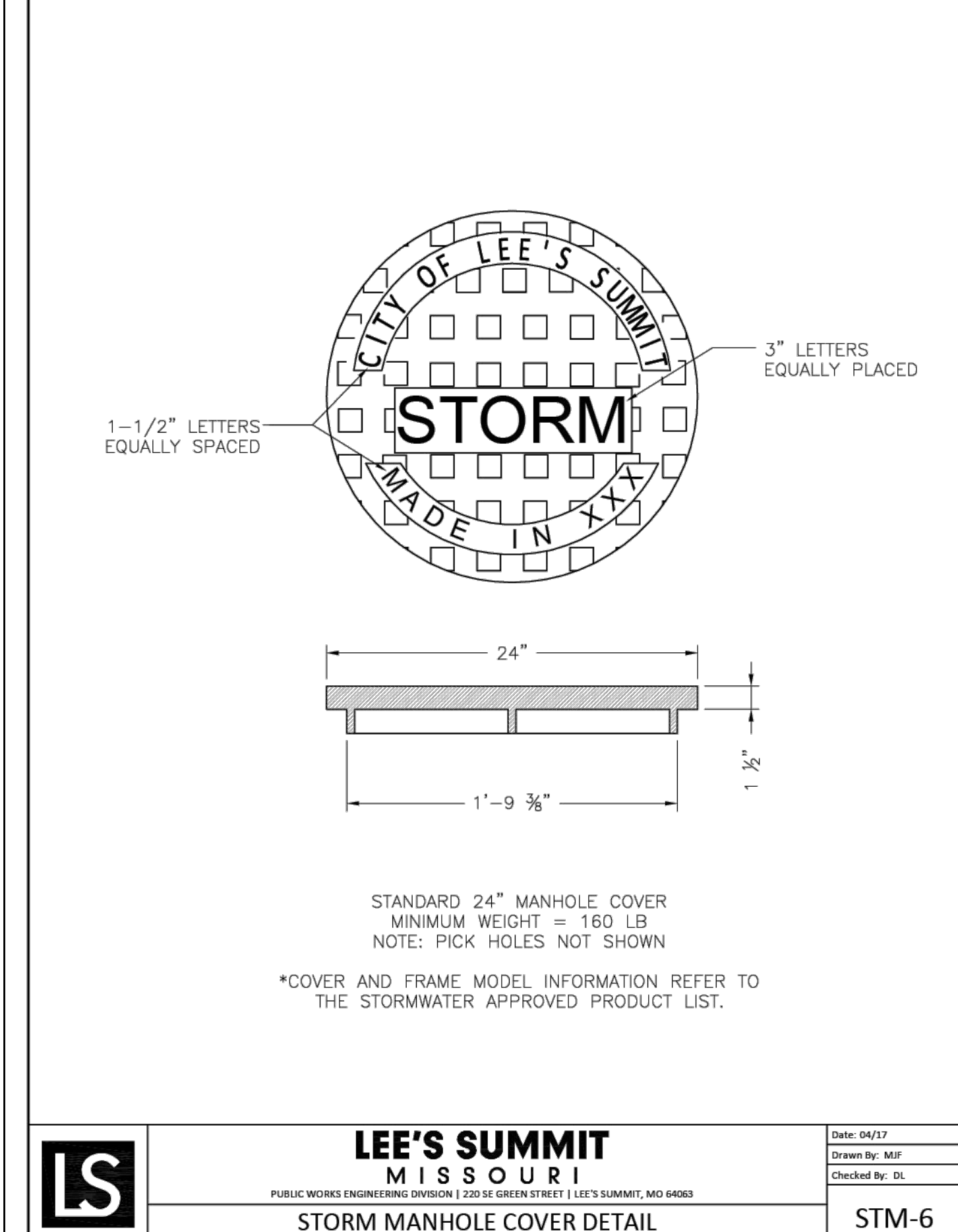
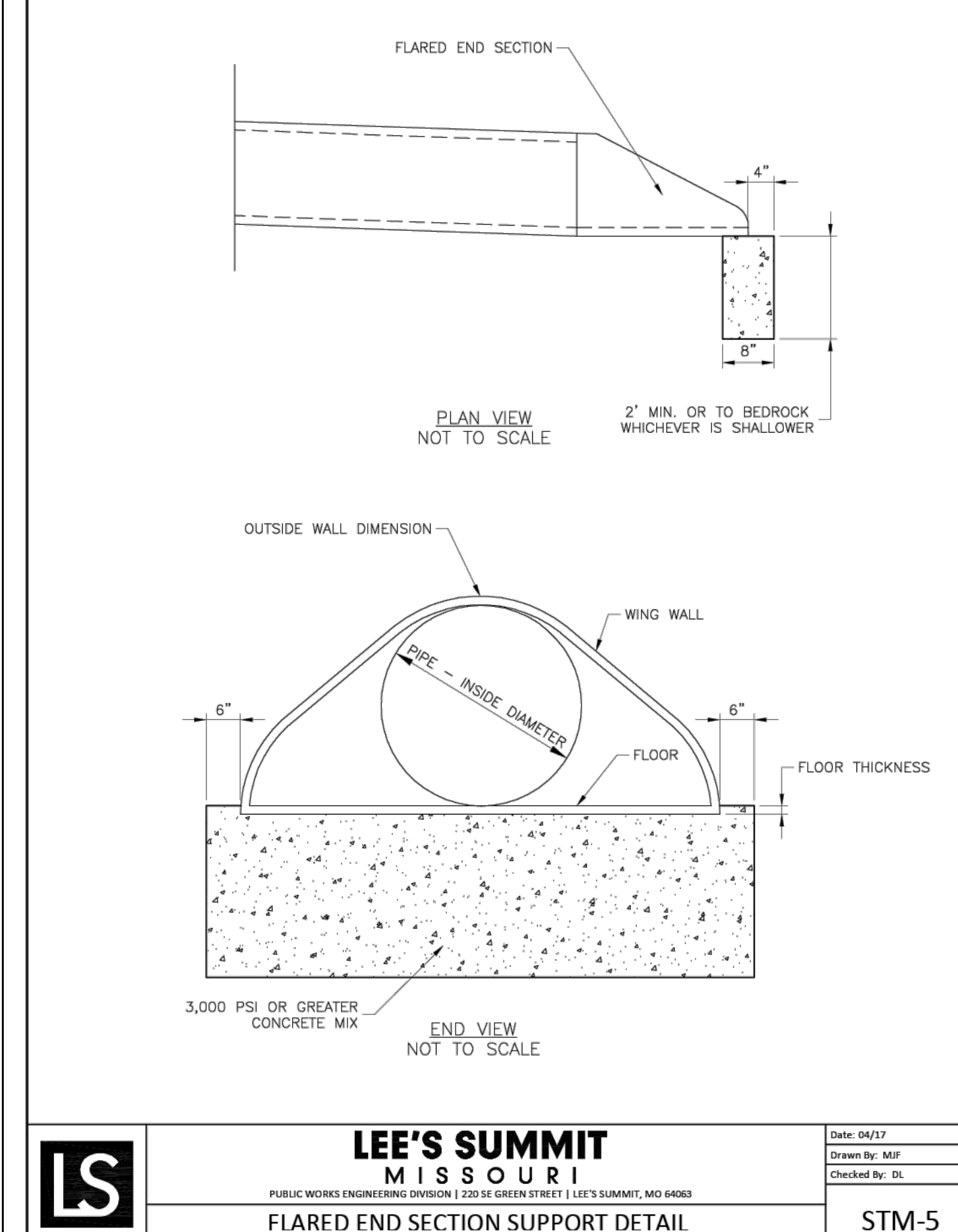
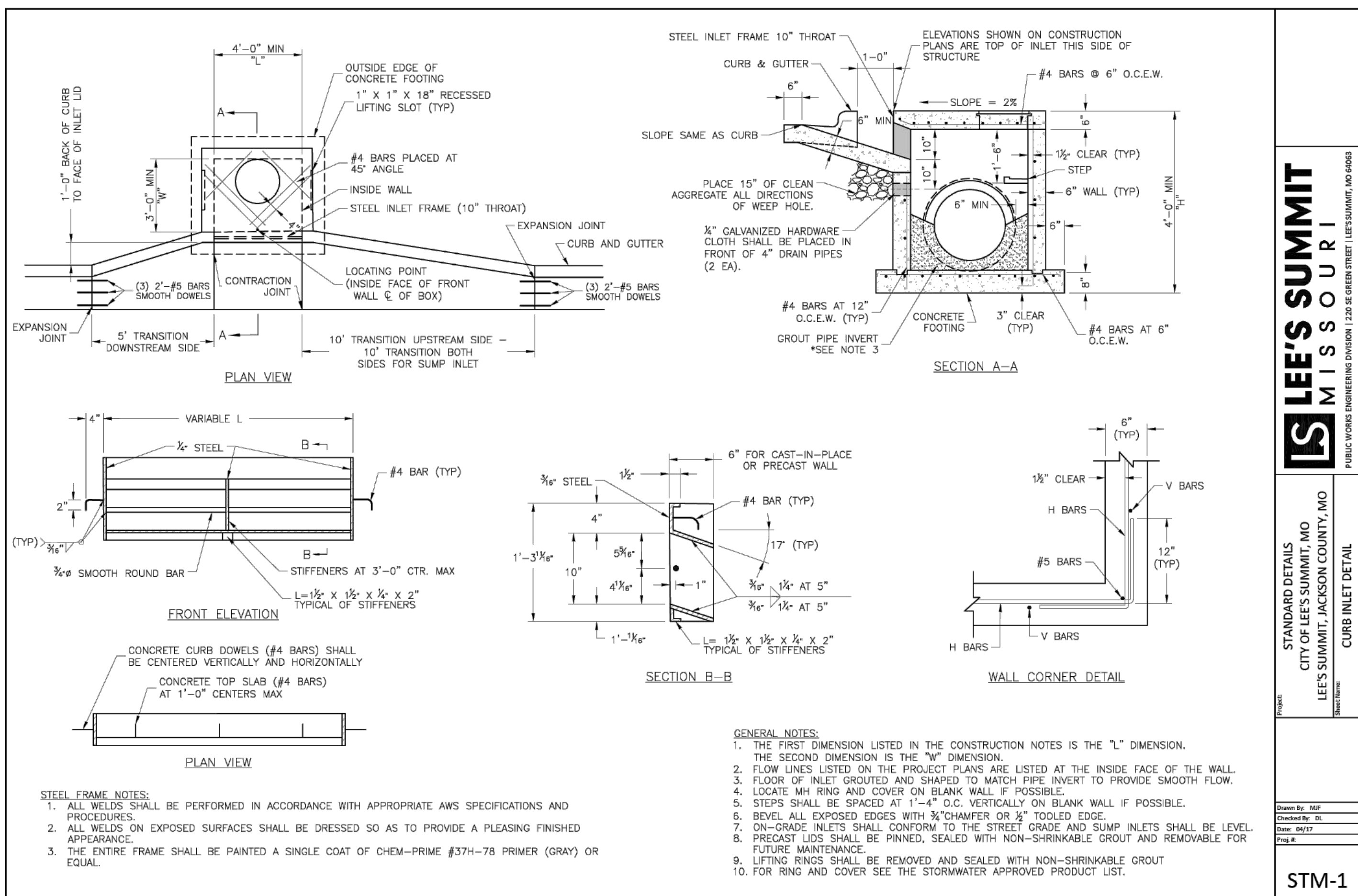
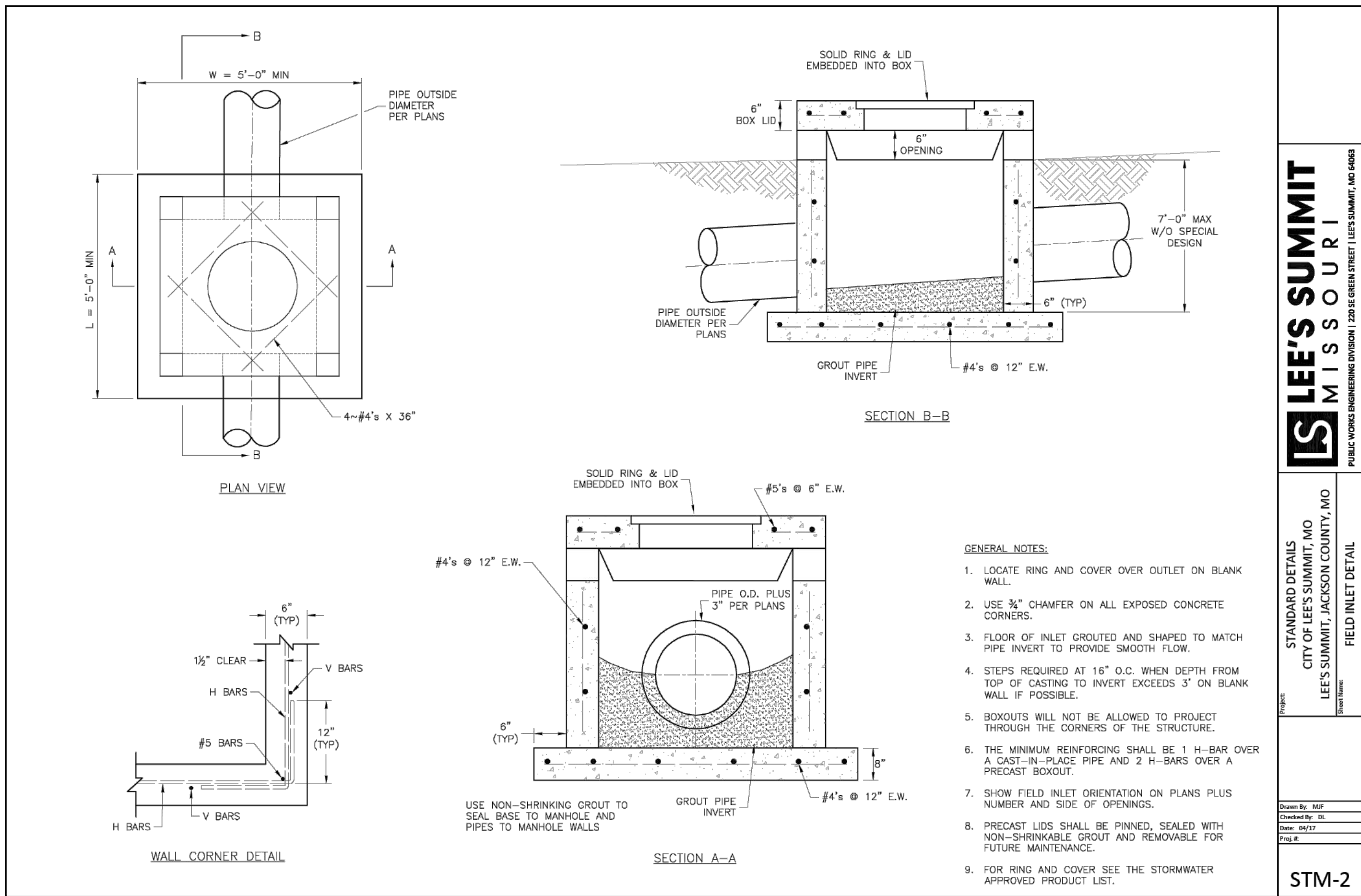
Construction Plans for:
THE VILLAGES OF CHAPEL RIDGE-2ND PLAT
LOTS 43-74 and Tracts C-1 & D-1
Lee's Summit, Jackson County, Missouri



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

REVISIONS

REV. 8/12/2022
REV. 10/3/2022
REV. 4/26/2023
REV. 5/29/2024



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