

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

C.001



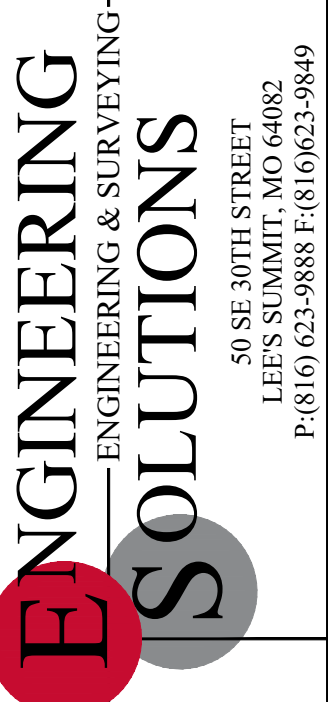
NOTES: The Land Disturbance Plans indicates the Final placement of erosion control devices. The contractor(s) may proceed with construction prior to the final placement of these devices by providing additional devices to control erosion on their items of work. These devices shall be maintained until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

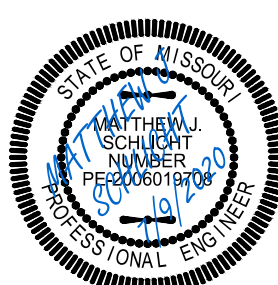


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THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri

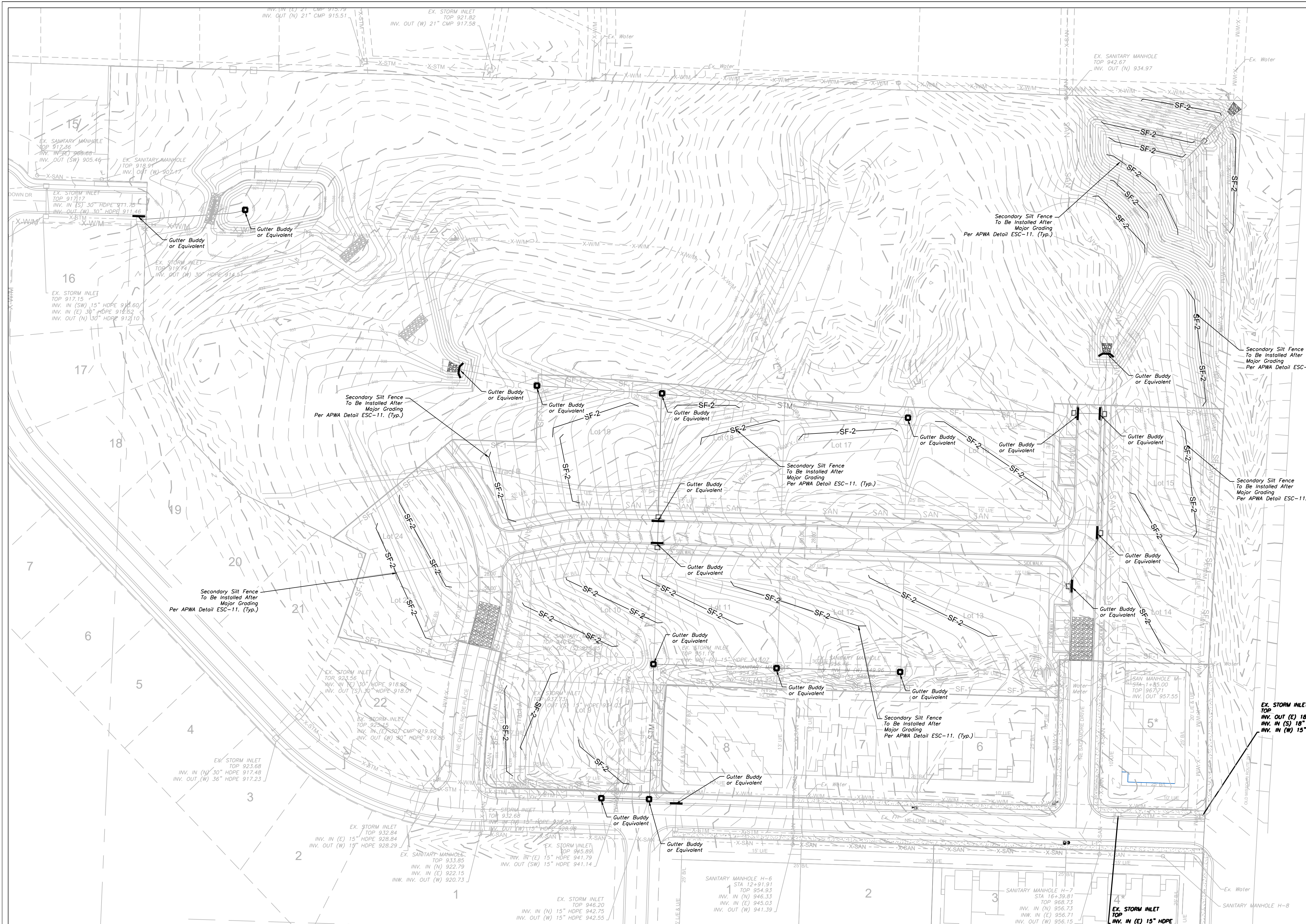
Project:
VILLAS OF CHAPEL
RIDGE-LSMO
Issue Date:
April 10, 2020

ESC PHASE 1 - Pre Clearing Plan
Construction Plans for:
THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri



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

REVISIONS
REV. 5/1/2020
REV. 5/12/2020
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INACTIVE AREA STABILIZATION PLAN
SCALE: 1" = 60'

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 terms of work. These devices shall be maintained until the final devices are in place.

LEGEND

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

SILT FENCE PROTECTION
TO BE MAINTAINED BY CONTRACTOR

DURING ALL PHASES OF CONSTRUCTION, INACTIVE AREA STABILIZATION METHODS AS DESCRIBED IN APWA SECTION 511.3 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 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 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 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 RESEED.

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 LISTINGS 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 LOCATIONS 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 SLOPE 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 TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri

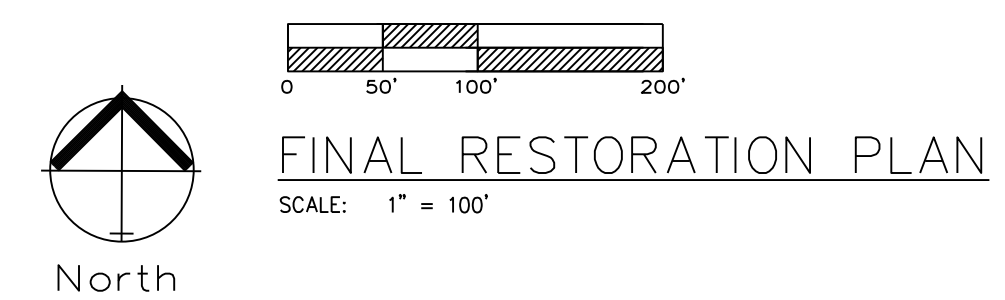
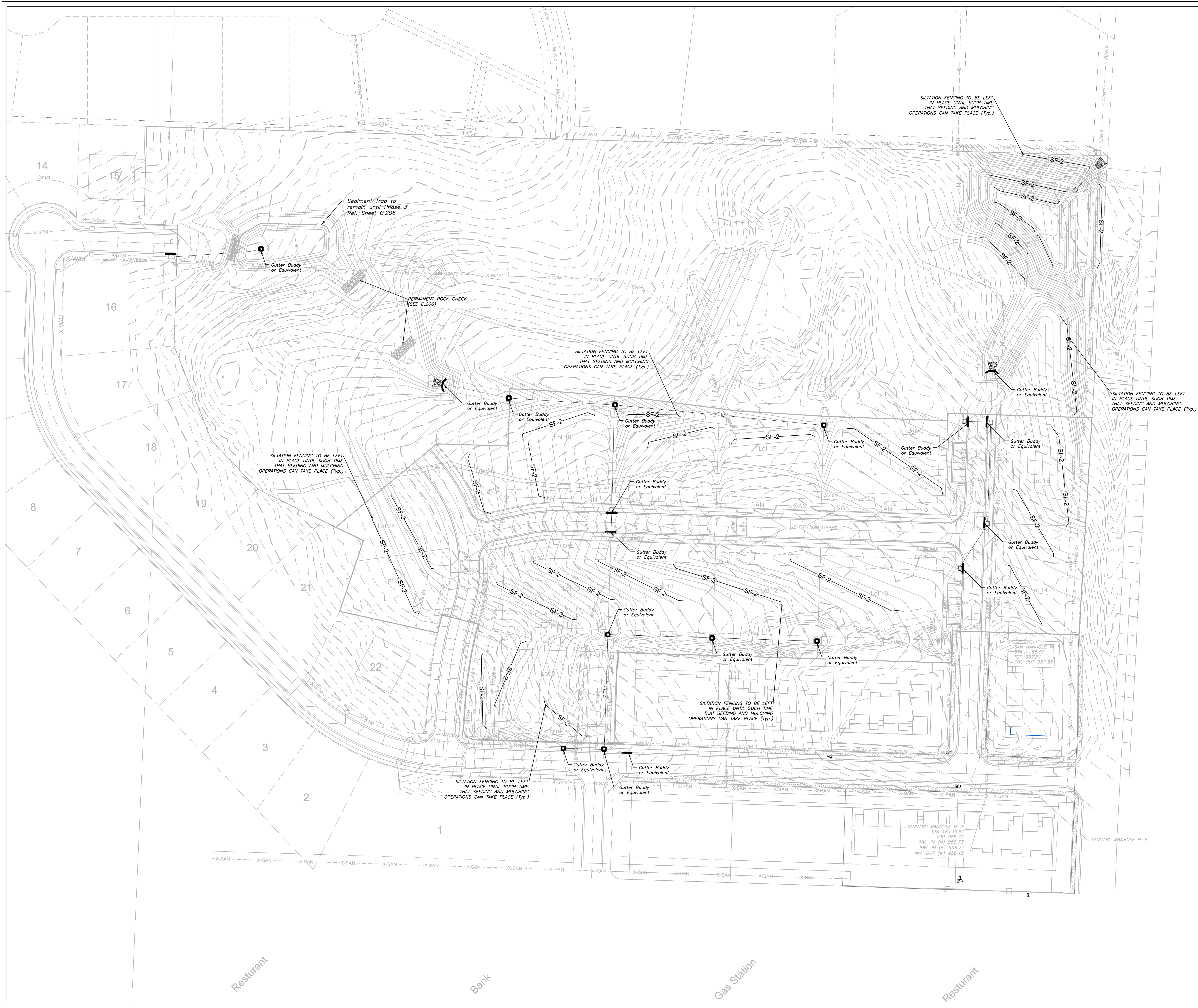
Project: VILLAS OF CHAPEL RIDGE-LSMO
Issue Date: April 10, 2020

ESC PHASE 2 - Inactive Area Stabilization Plan
Construction Plans for:
THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri

Matthew J. Schlicht
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NE PE E-14335

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REV. 7/9/2020

C.051



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:

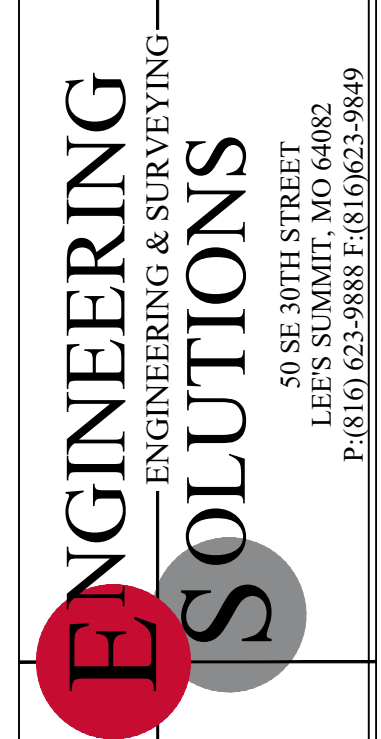
Mix I - Rye Grass / Blue Grass ——— 100 lbs. per Acre
Mix II - Tall Fescue / Blue Grass ——— 195 lbs. per Acre
Lime ———— 2000 lbs per Acre (50 lbs. per 1000 sq. ft.)
Fertilizer ———— 800 to 1200 lbs per Acre (25 lbs per 1000 sq. ft.)

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

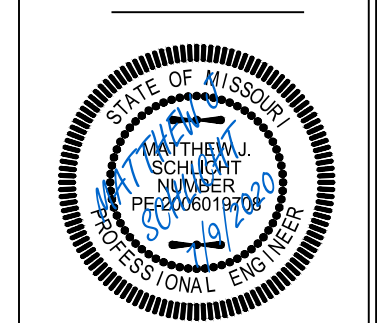


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THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri

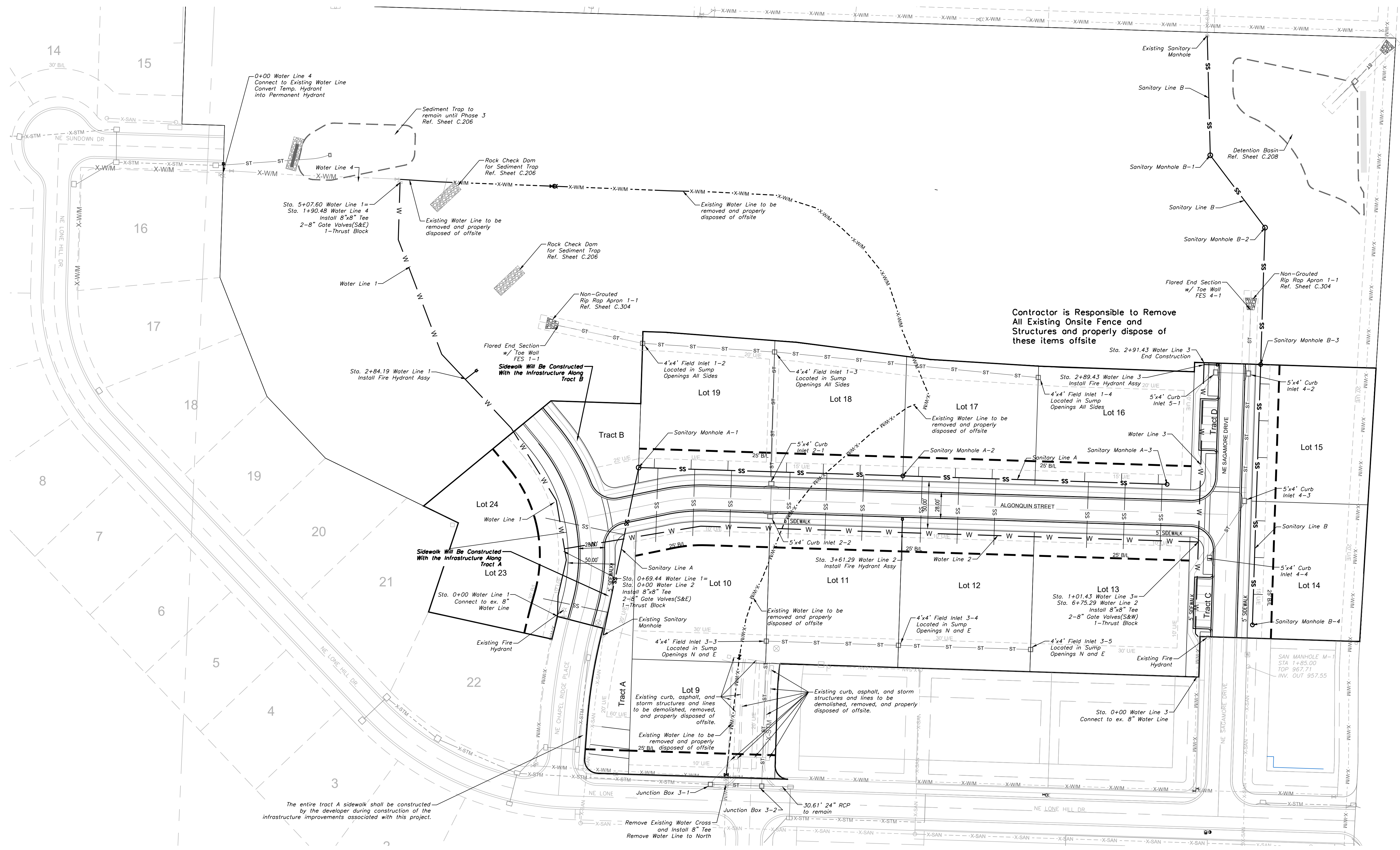
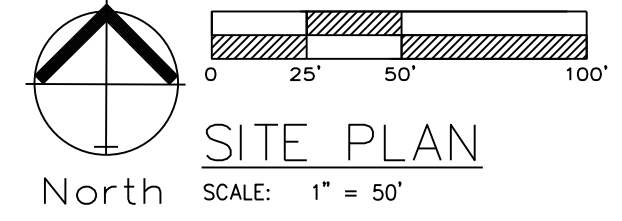
Project: VILLAS OF CHAPEL RIDGE LS100
Issue Date: April 10, 2020

ESC PHASE 3 - Final Restoration Plan
Construction Plans for:
THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri



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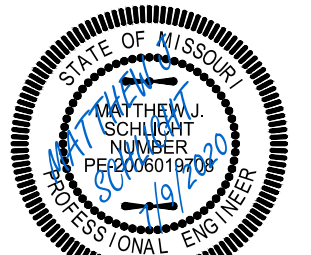


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THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri

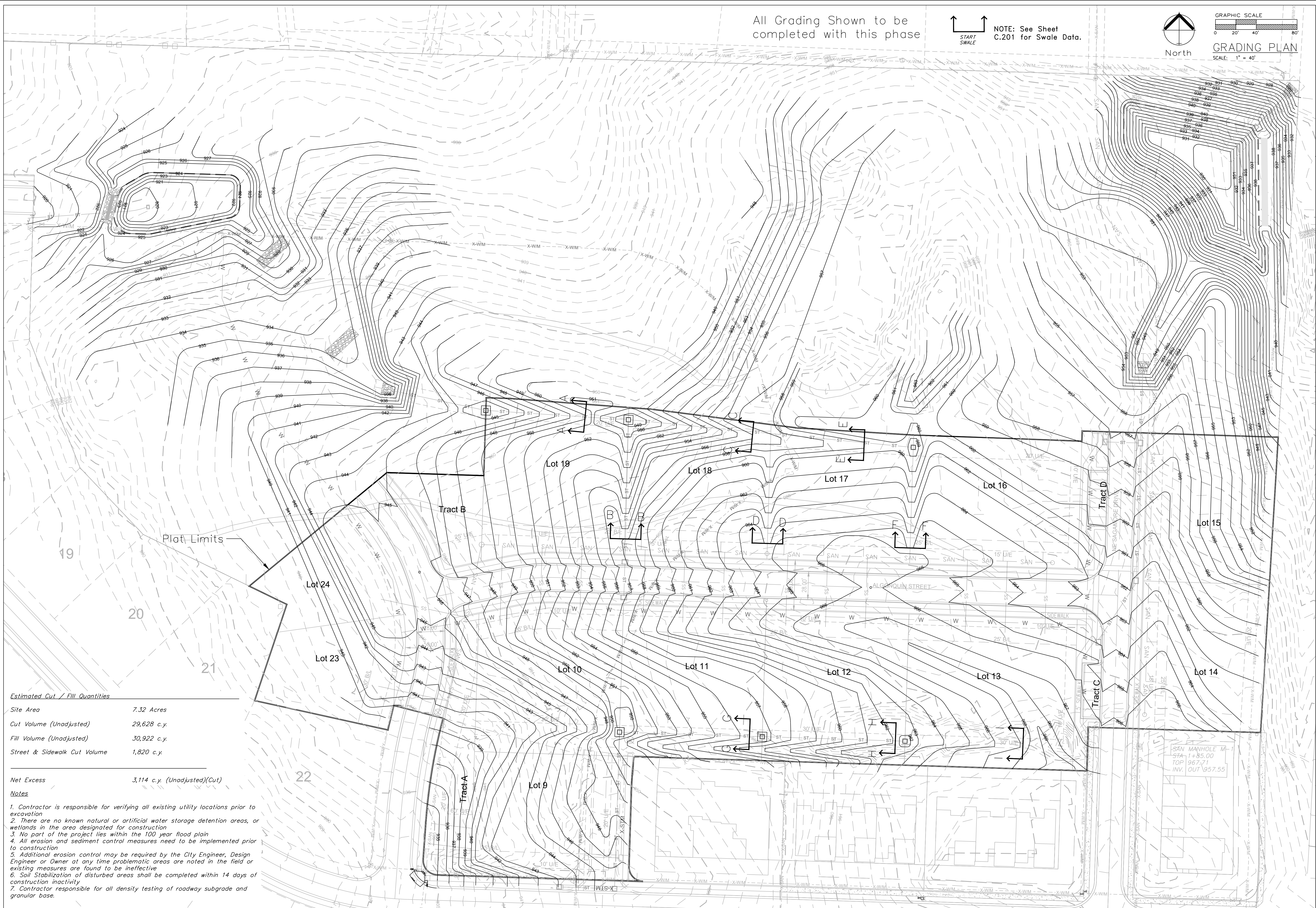
Project:
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Issue Date:
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Site Plan
Construction Plans for:
THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri



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Project: VILLAS OF CHAPEL RIDGE L2MO
Issue Date: April 10, 2020

Master Drainage Plan 1 of 3:
Grading Plan
Construction Plans for:
THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri

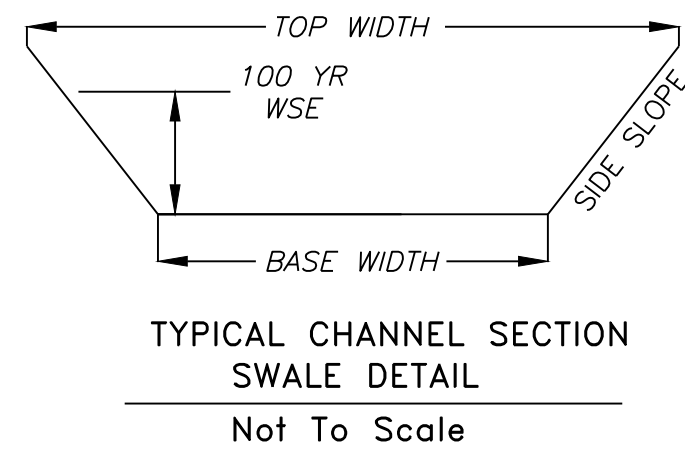
THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
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100 YEAR OVERFLOW SWALE SECTIONS									
Section	100 Yr. Runoff (c.f.s.)	Bed Slope (%)	Base Width (ft)	Side Slope (1:V)	100 Yr WSE (ft)	Sectional Area	Velocity (f.p.s.)	100Yr. Hydraulic Radius (ft)	Shear Stress (p.s.f.)
A-A	1.35	6.67	4	5	0.11	0.50	2.70	0.10	0.42
B-B	2.37	6.67	6	5	0.13	0.86	2.74	0.12	0.49
C-C	3.60	6.67	4	5	0.20	1.00	3.60	0.17	0.69
D-D	2.50	6.67	6	5	0.13	0.86	2.89	0.12	0.49
E-E	3.60	2.72	6	5	0.21	1.48	2.43	0.18	0.31
F-F	1.03	6.67	6	5	0.08	0.51	2.01	0.08	0.31
G-G	3.00	5.00	5	3	0.18	1.00	3.01	0.16	0.51
H-H	3.73	4.16	5	5	0.21	1.27	2.94	0.18	0.46
I-I	3.37	4.00	5	3	0.20	1.12	3.01	0.18	0.45

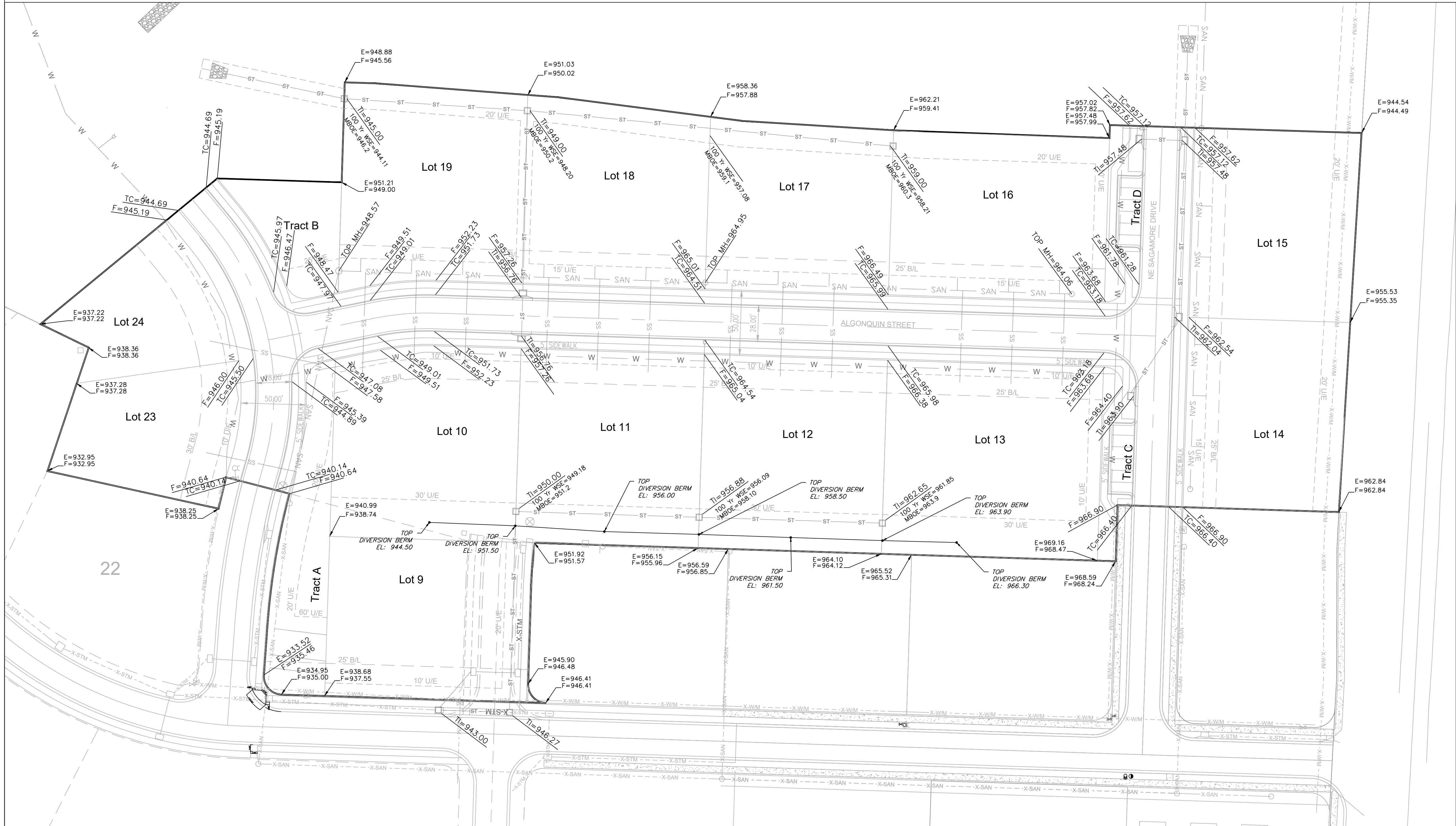
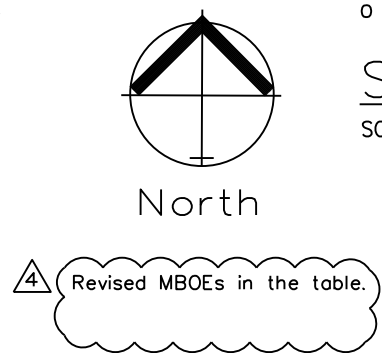
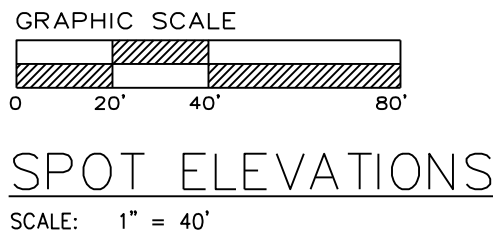
NOTE: Swale sections extend the entire length between upstream and downstream structures with the exception of a transition at each structure.

NOTE: Swale should be lined with "Straw with Net" turf reinforcement (Curlex Blanket or Eqv.) . Per Table 5607-1 in APWA Manual

Townhomes Lot Number	Basement Type	MBOE Lt.	MBOE Rt.
9	Full	940.8	951.0
10	Daylight	951.2	940.8
11	Daylight	958.1	951.2
12	Daylight	963.9	958.1
13	Full	966.0	963.9
14	Daylight	957.4	964.9
15	Walkout	946.5	957.4
16	Walkout	960.3	960.0
17	Walkout	959.1	960.3
18	Walkout	950.2	959.1
19	Daylight	946.2	950.2

Estates			
23	Walkout	935.0	939.3
24	Walkout	939.3	939.2

Note:
AS GRADED PLOT PLAN REQUIRED FOR EACH LOT.

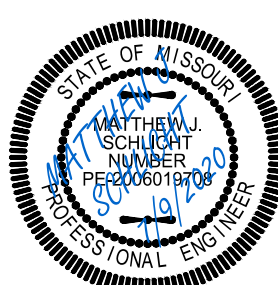


Master Drainage Plan 2 of 3:
Spot Elevations
Construction Plans for:
THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri

Project:
VILLAS OF CHAPEL
RIDGE L&M
Issue Date:
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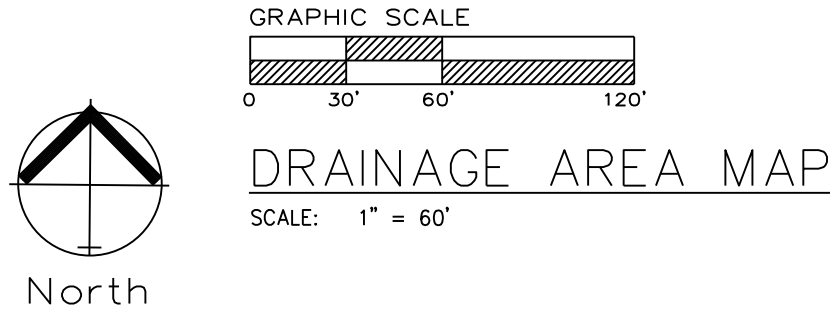
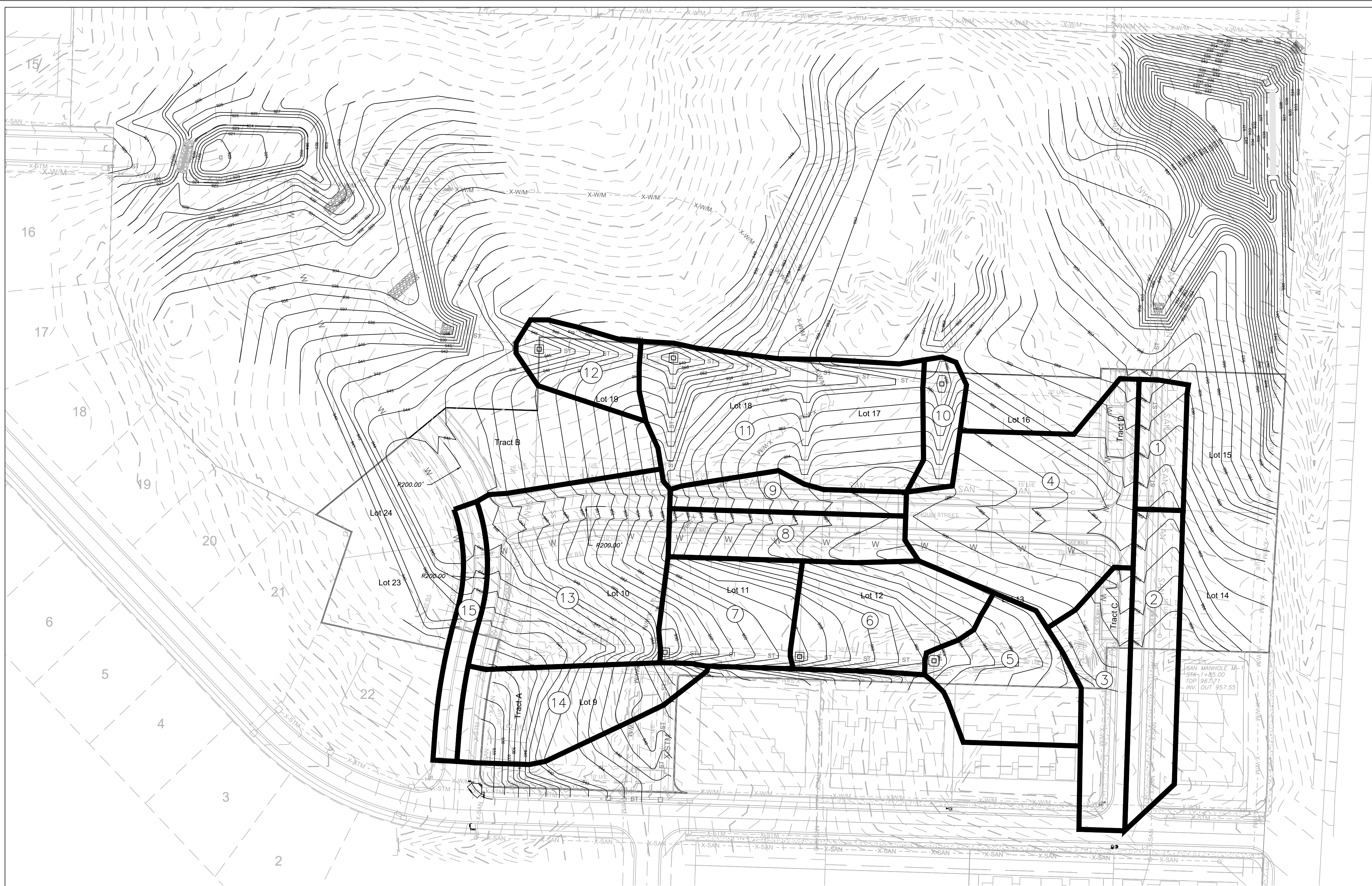
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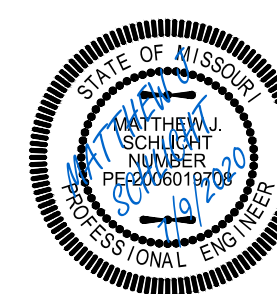
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LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri

Project: VILLAS OF CHAPEL RIDGE-LSMO
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Master Drainage Map 3 of 3:
Drainage Area Map
Construction Plans for:
THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri

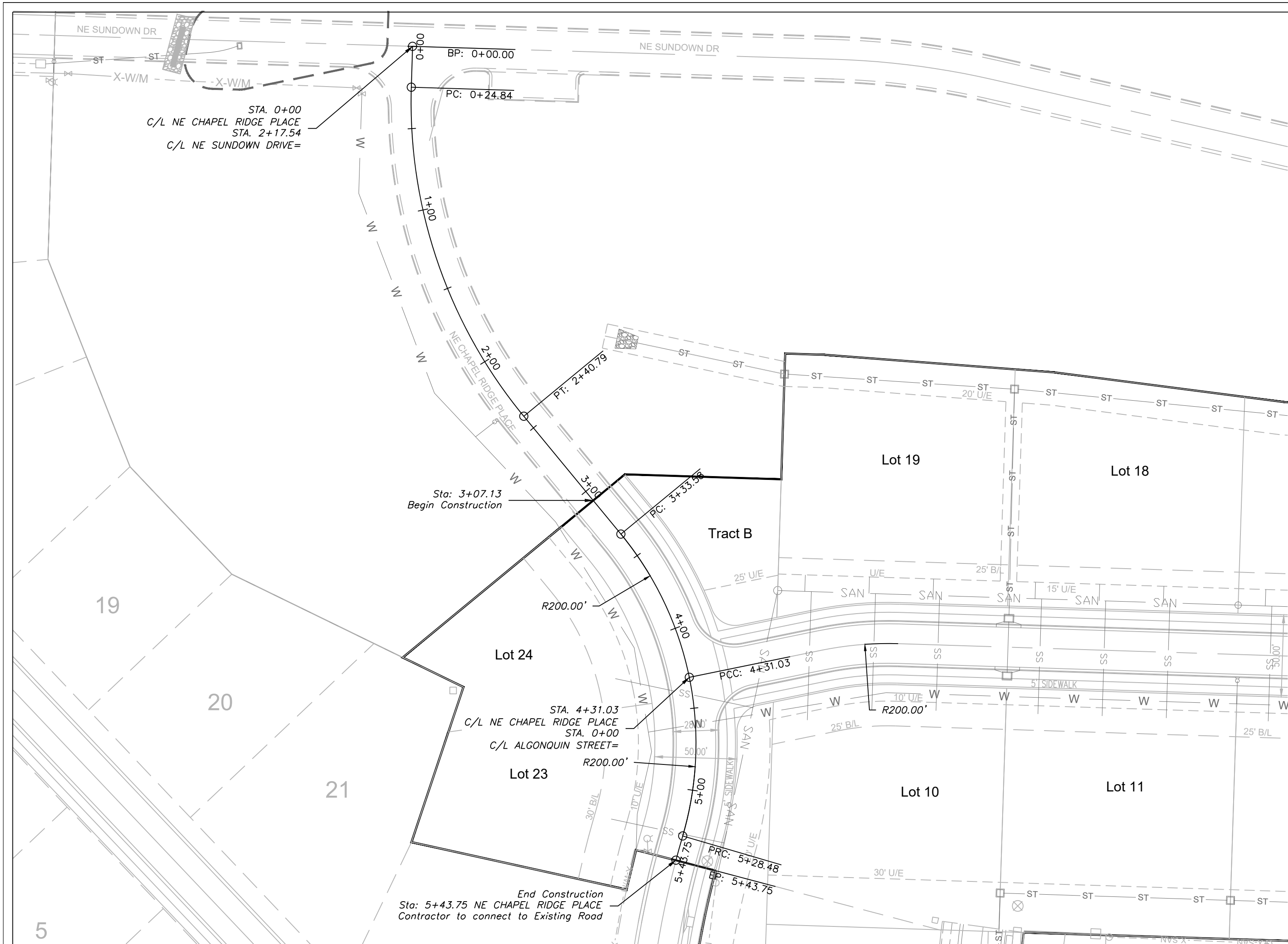


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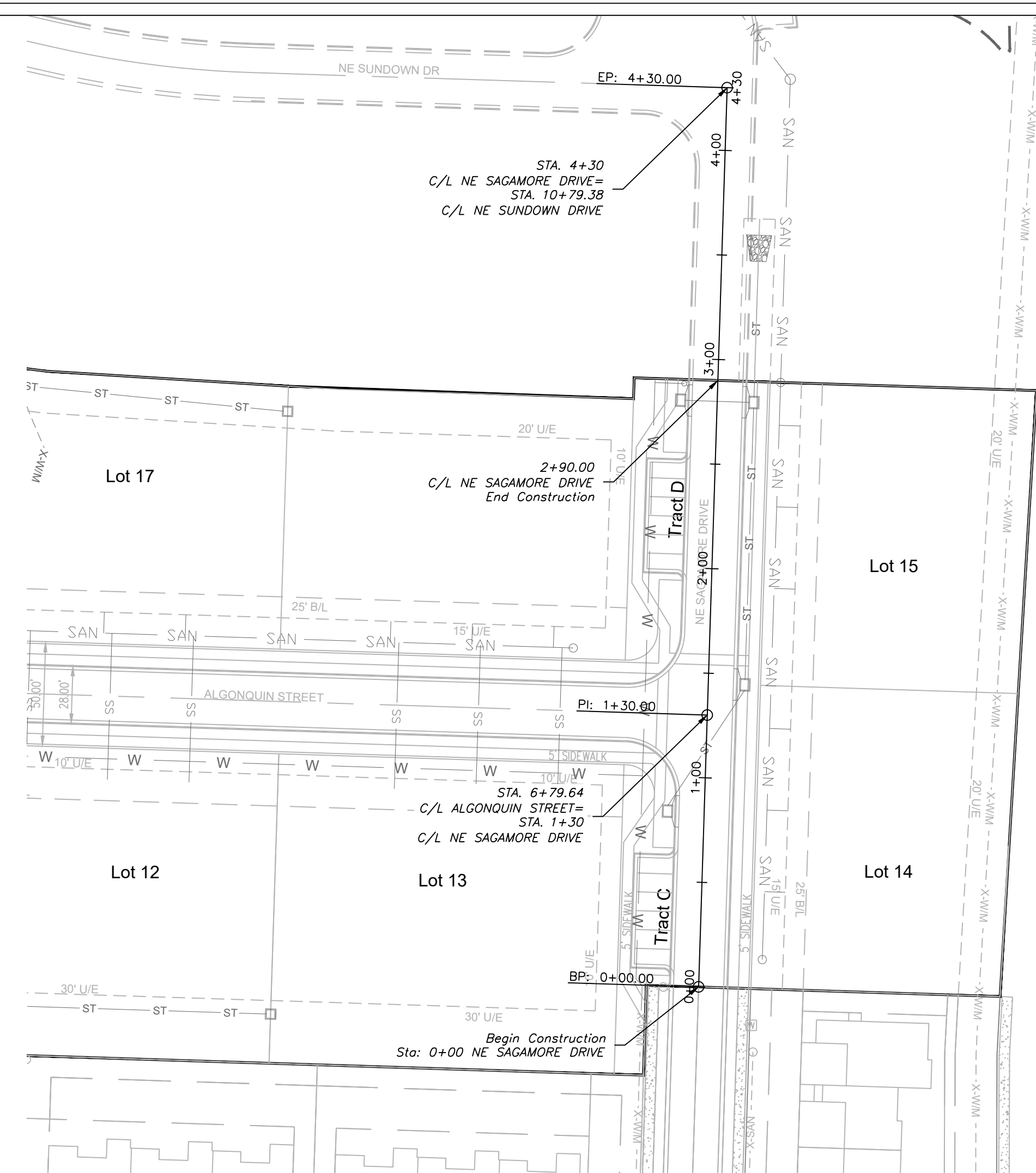
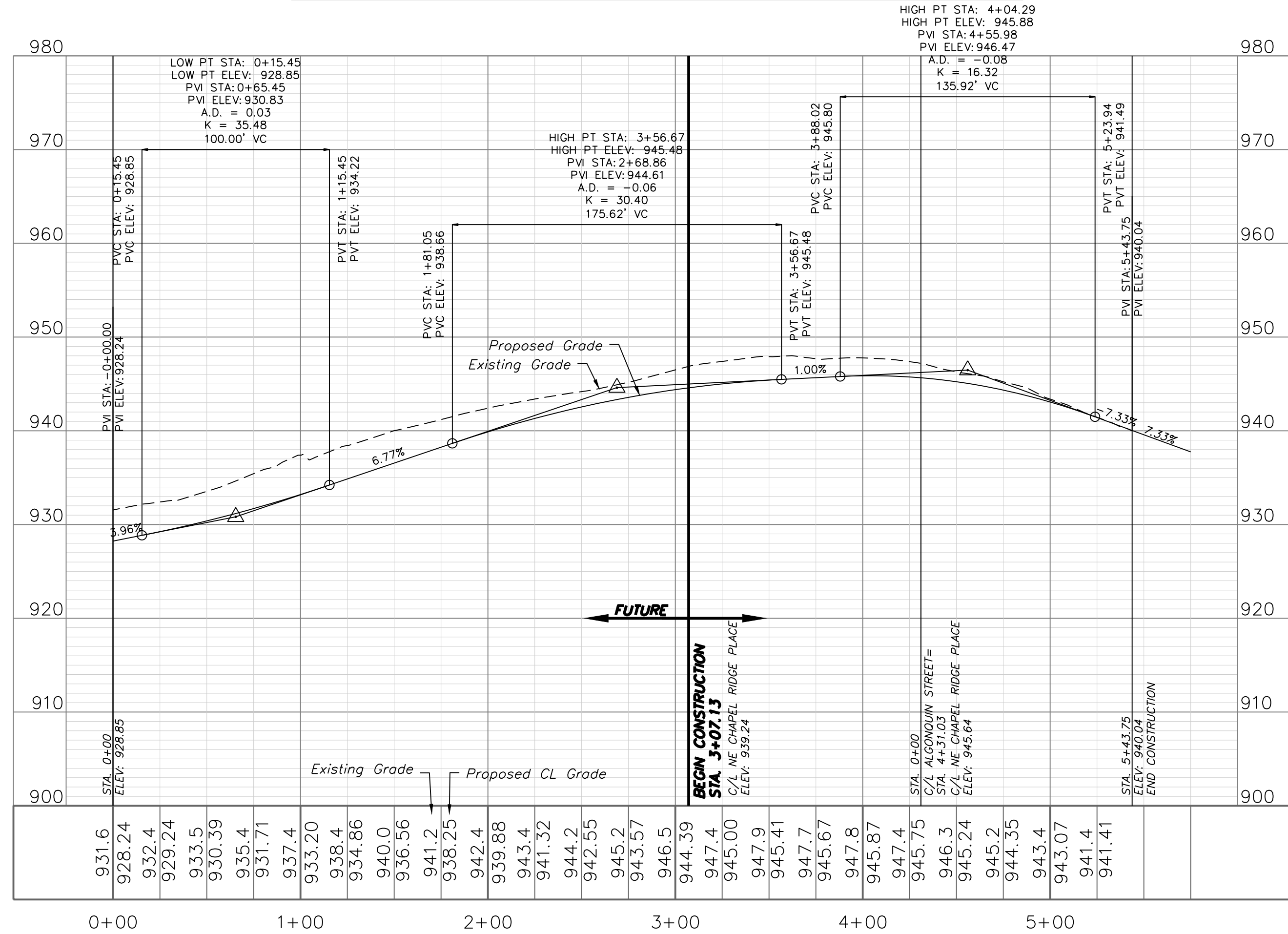
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REV. 7/9/2020	

APWA STORM DRAINAGE "TC" COMPUTATIONS FOR : VILLAS OF CHAPEL RIDGE 2ND PLAT

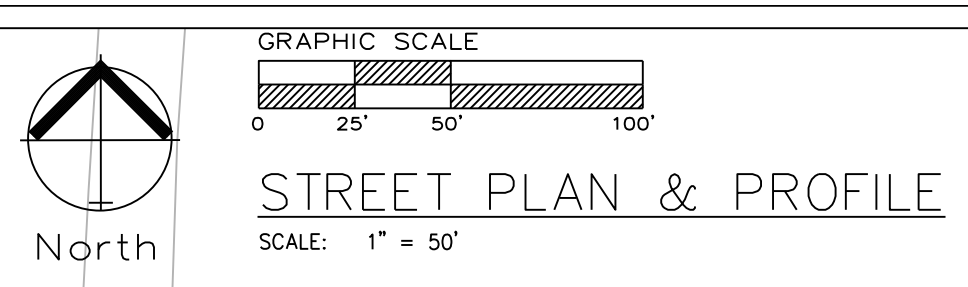
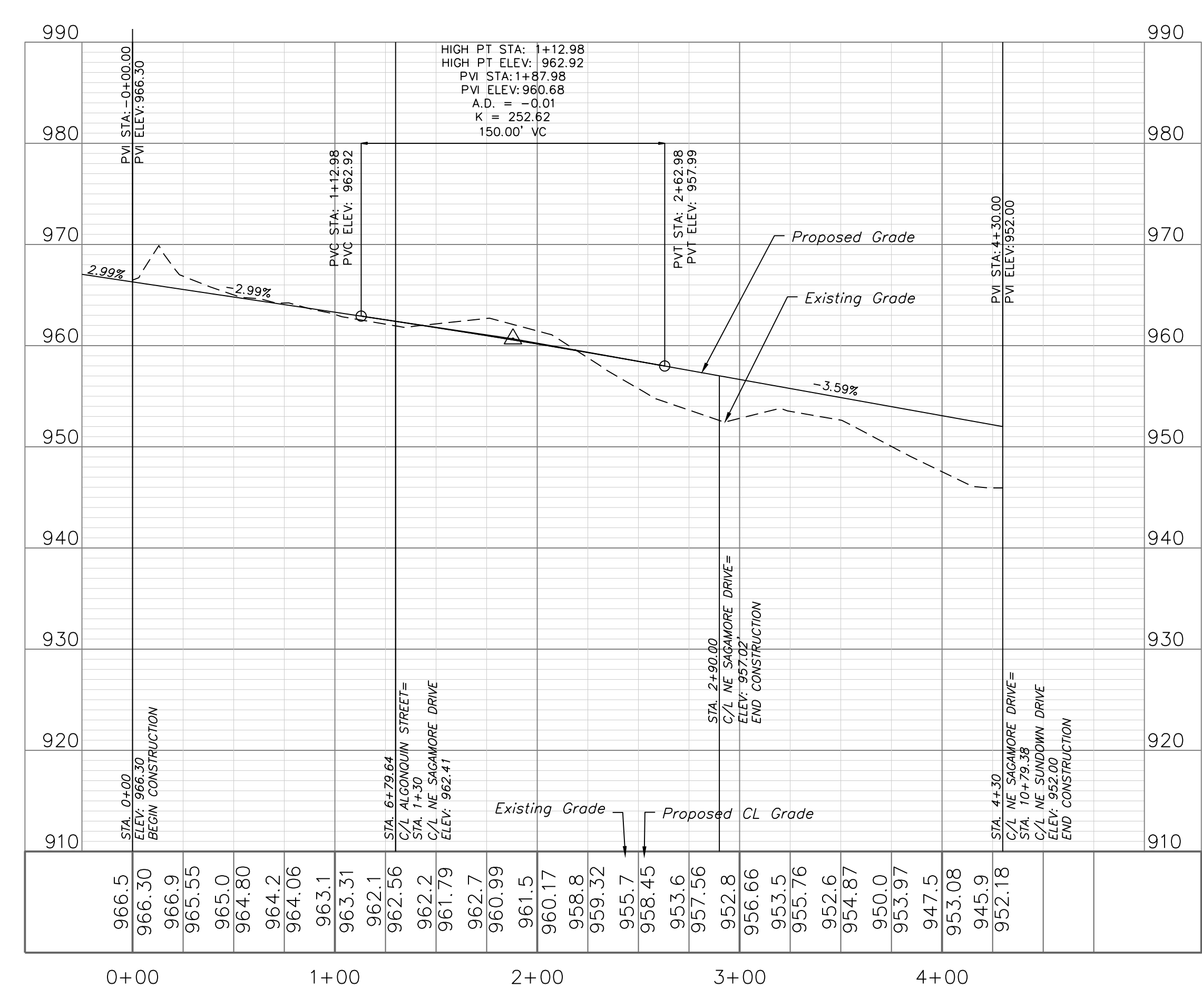
Surface types: Asph/ConcBus/Com Dirt Grass/Park Lake MultFam SnglFam Undev Other															TC COMPUTATION									
yellow areas are self computing overwrite if necessary																								
SURFACE CODES "C" Values																								
Overwrite Length - DnElev or Slope if necessary																								
TOTAL WATERSHED																								
OVERLAND FLOW - 100' MAX																								
AREA ID	TOTAL SQ.FT.	TOTAL ACRES	WTRSHD LENGTH	UP ELEV	DN ELEV	SURFACE CODE	"C" VALUE	OVLRLD LENGTH	UP ELEV	DN ELEV	SLOPE %	SURFACE CODE	P=Paved U=Unpaved	CHANNEL LENGTH	UP ELEV	DN ELEV	SLOPE %	VELOCITY F/S	Cal				Total T@ 10	AREA ID
																			Overland Flow T(I)	Used Min 5 Max 15 T(I)	Cal Channel One T(T)	Cal Channel Two T(T)		
POST																								POST
1	6734.45	0.15	171.71	962.75	956.48	M	0.66	36.7	962.8	962.00	2.0	P		135.0	962.0	956.5	4.09	4.1	3.8	5.0	0.5	0.0	5.5	1
2	15497.29	0.36	321.00	969.90	961.04	M	0.66	36.0	969.9	969.15	2.1	P		285.0	969.2	961.0	2.85	3.4	3.7	5.0	1.4	0.0	6.4	2
3	14565.88	0.33	115.82	968.20	962.90	M	0.66	60.5	968.2	966.00	3.6	P		55.4	966.0	962.9	5.60	4.8	4.0	5.0	0.2	0.0	5.2	3
4	38022.54	0.87	290.56	968.20	956.48	M	0.66	100.0	968.2	963.50	4.7	P		190.6	963.5	956.5	3.68	3.9	4.7	5.0	0.8	0.0	5.8	4
5	17621.66	0.40	168.61	970.50	961.65	M	0.66	100.0	970.5	967.15	3.4	U		68.6	967.2	961.7	8.02	4.6	5.3	5.3	0.3	0.0	5.5	5
6	19480.08	0.45	219.25	968.00	955.58	M	0.66	100.0	968.0	962.00	6.0	U		119.3	962.0	955.6	5.38	3.7	4.4	5.0	0.5	0.0	5.5	6
7	15534.05	0.36	183.86	964.00	949.00	M	0.66	100.0	964.0	955.00	9.0	U		83.9	955.0	949.0	7.15	4.3	3.8	5.0	0.3	0.0	5.3	7
8	12379.23	0.28	279.25	967.30	955.76	M	0.66	33.5	967.3	966.50	2.4	P		245.7	966.5	955.8	4.37	4.2	3.4	5.0	1.0	0.0	6.0	8
9	7326.23	0.17	257.20	966.50	955.76	M	0.66	11.5	966.5	966.20	2.6	P		245.7	966.2	955.8	4.25	4.2	2.0	5.0	1.0	0.0	6.0	9
10	5324.92	0.12	125.42	966.50	958.00	M	0.66	47.2	966.5	963.80	5.7	U		78.3	963.8	958.0	7.41	4.4	3.0	5.0	0.3	0.0	5.3	10
11	38079.28	0.87	354.14	966.50	948.00	M	0.66	100.0	966.5	960.50	6.0	U		254.1	960.5	948.0	4.92	3.6	4.4	5.0	1.2	0.0	6.2	11
12	9008.94	0.21	139.74	955.00	944.00	M	0.66	100.0	955.0	946.50	8.5	U		39.7	946.5	944.0	6.29	4.0	3.9	5.0	0.2	0.0	5.2	12
13	36460.35	0.84	346.50	957.50	939.00	M	0.66	36.5	957.5	956.50	2.7	P		310.0	956.5	939.0	5.65	4.8	3.4	5.0	1.1	0.0	6.1	13
14	18586.66	0.43	304.64	955.00	932.80	M	0.66	100.0	955.0	946.60	8.4	U		204.6	946.6	932.8	6.74	4.2	3.9	5.0	0.8	0.0	5.8	14
15	6741.28	0.15	280.50	946.50	932.50	M	0.66	11.5	946.5	946.20	2.6	P		269.0	946.2	932.5	5.09	4.6	2.0	5.0	1.0	0.0	6.0	15



NE CHAPEL RIDGE PLACE



NE SAGAMORE DRIVE



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Oklahoma
Engineering 6284
Nebraska
Engineering CA2821

Project:
VILLAS OF CHAPEL
RIDGE, LSUMO

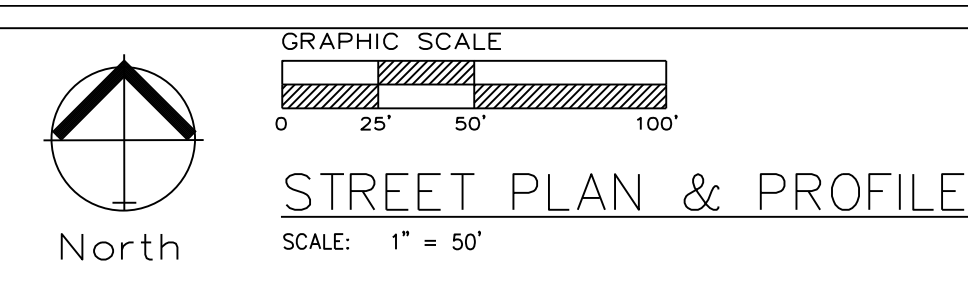
Issue Date:
April 10, 2020

Street Plan and Profile
Construction CHAPL for:
THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
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. 6/4/2020
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C.203



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THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri

Project: VILLAS OF CHAPEL RIDGE, LSMO
Issue Date: April 10, 2020

Street Plan and Profile

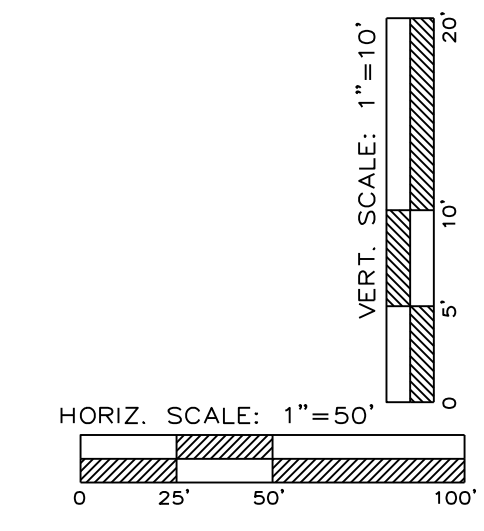
Construction Plans for:
 THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
 LOTS 9-19 & TRACTS A-D
 Lee's Summit, Jackson County, Missouri

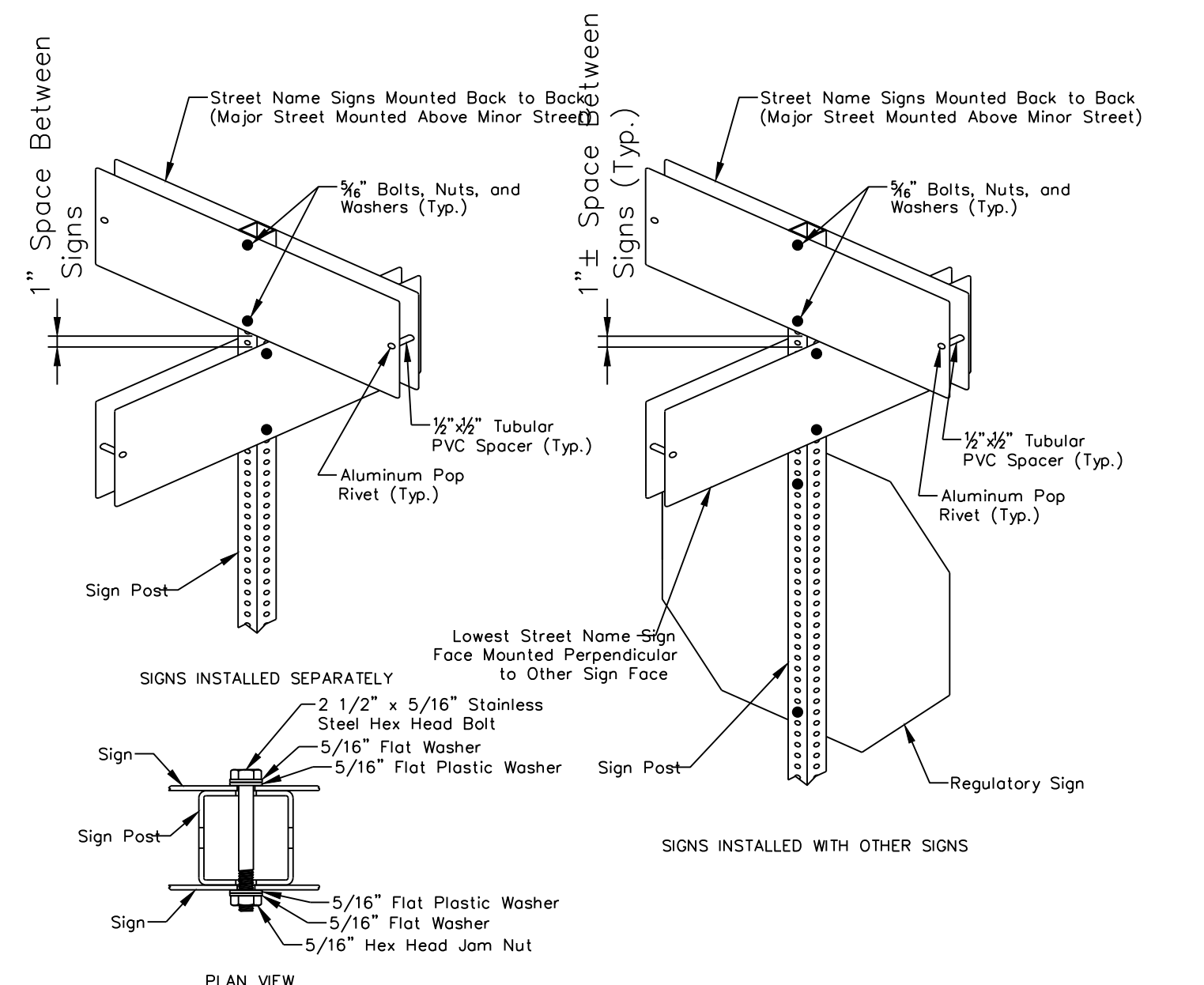


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KS PE 19071
OK PE 25226
NE PE E-14335

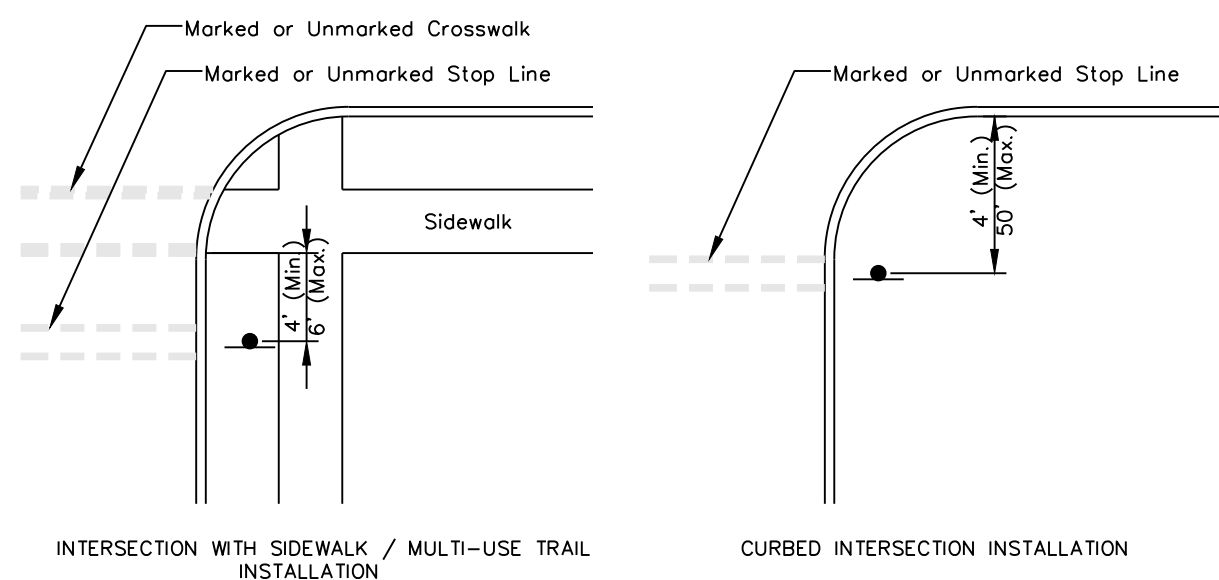
REVISIONS	
1	REV. 5/1/2020
2	REV. 5/12/2020
3	REV. 6/4/2020
4	REV. 7/9/2020

C.204

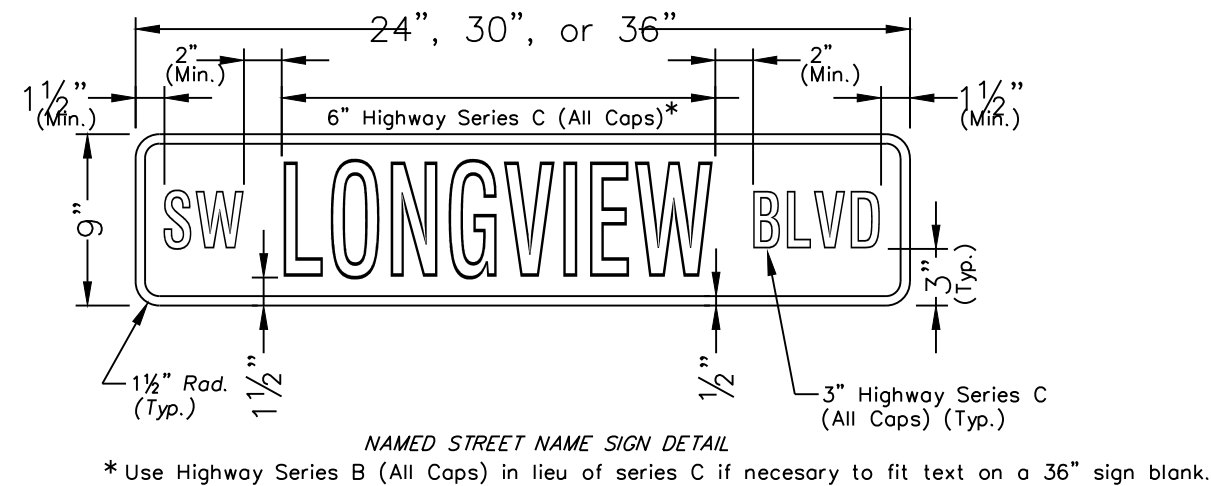




SQUARE STEEL POST MOUNTING DETAILS



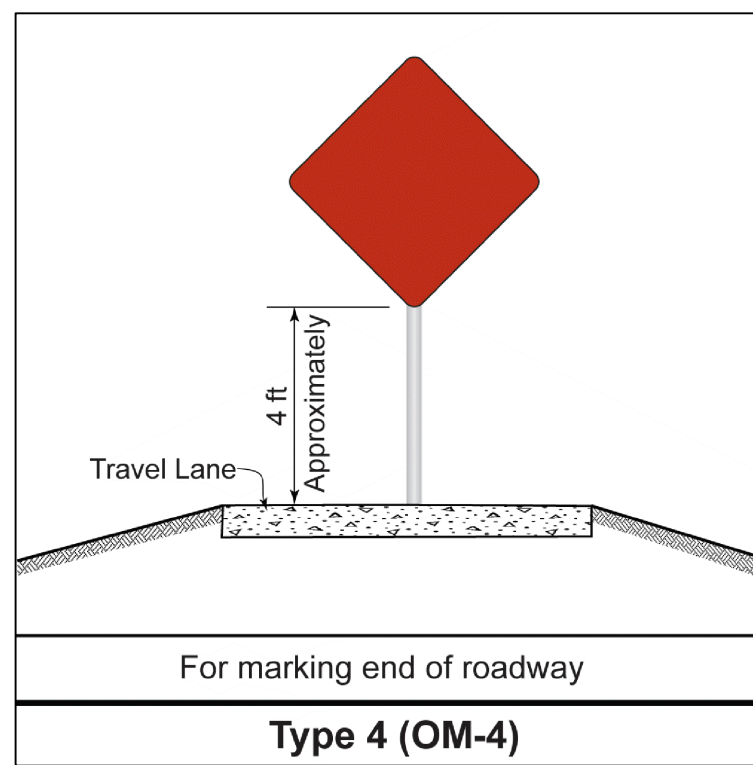
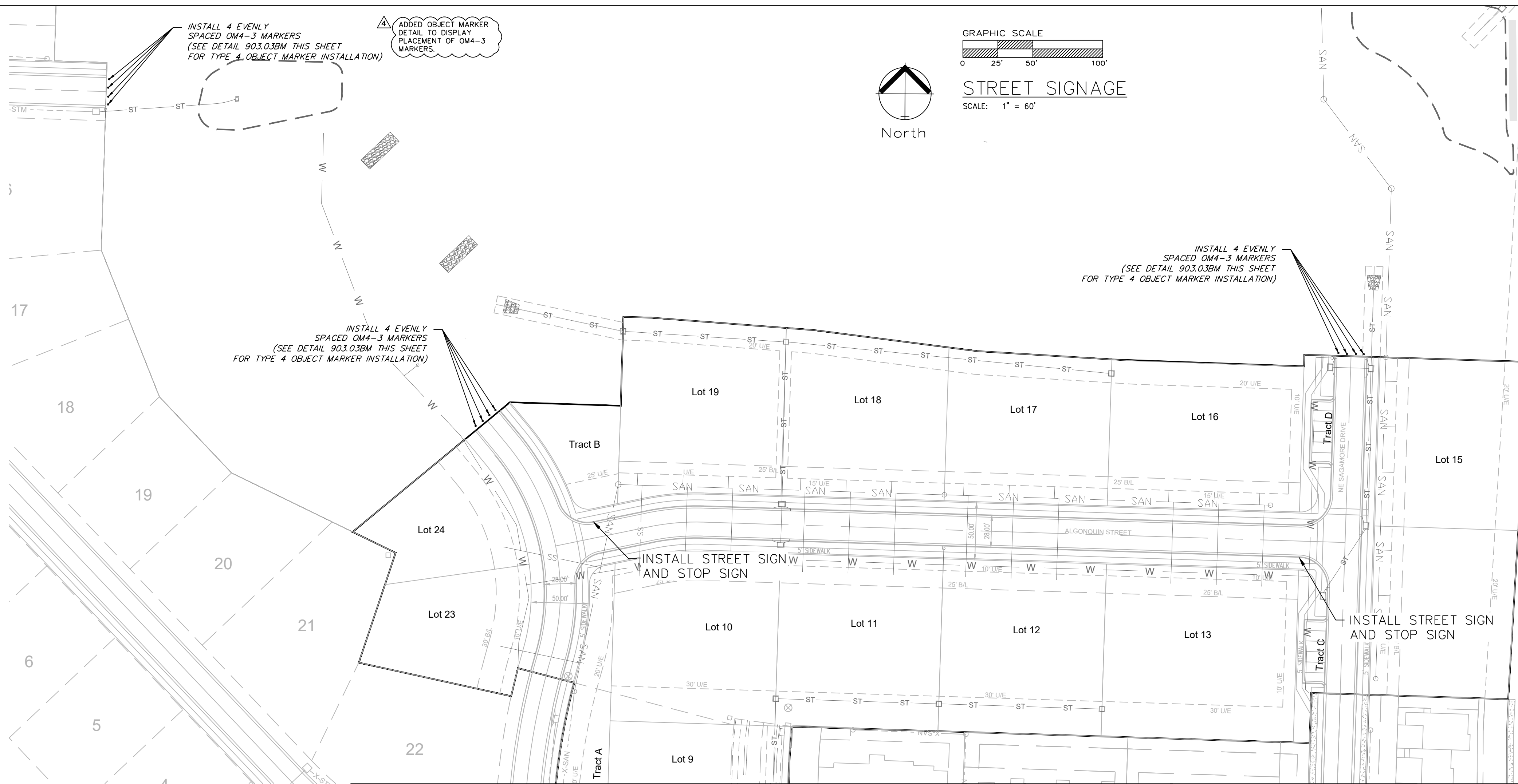
CONTROL SIGN LOCATION



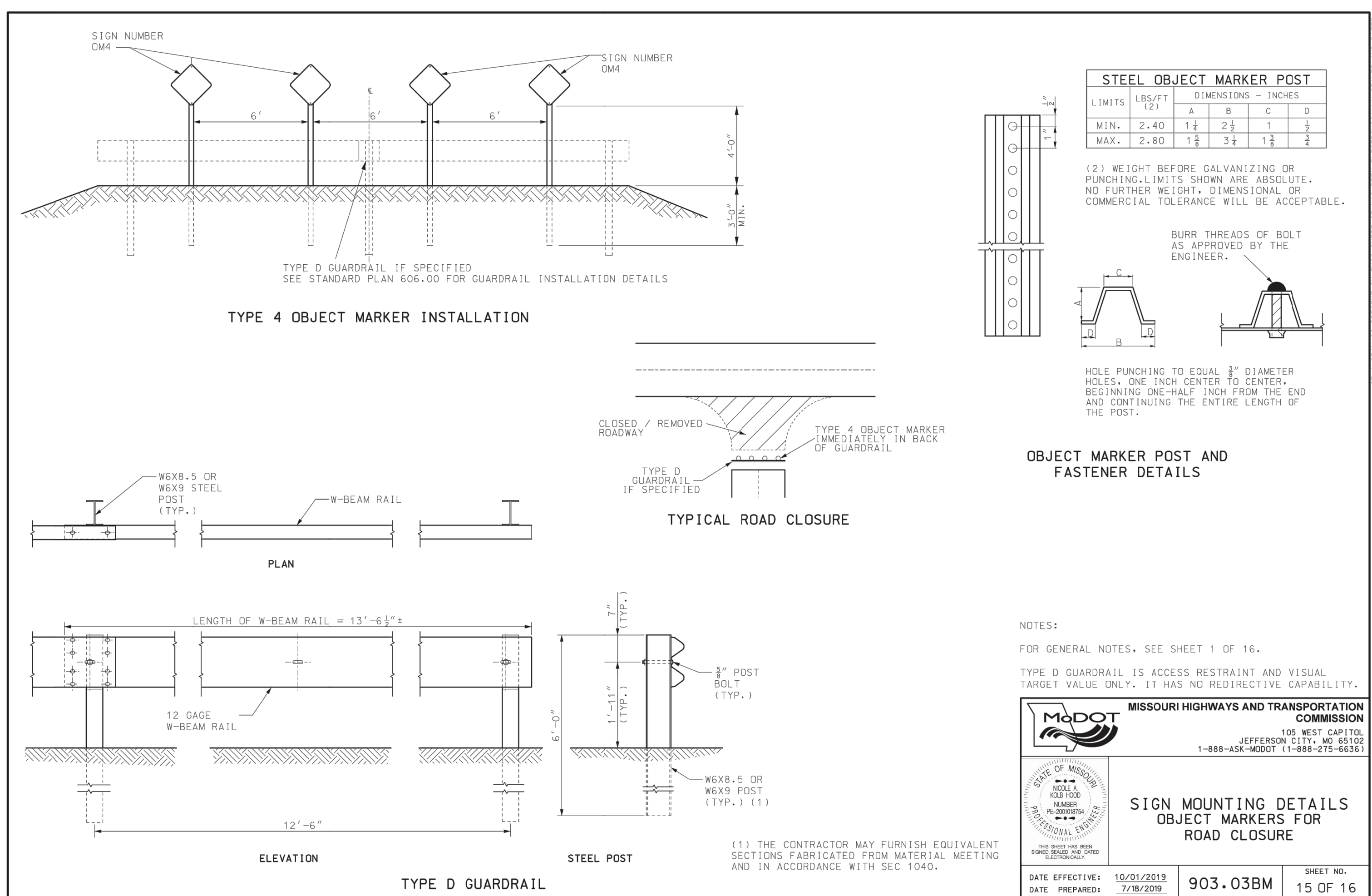
* Use Highway Series B (All Caps) in lieu of series C if necessary to fit text on a 36" sign blank.

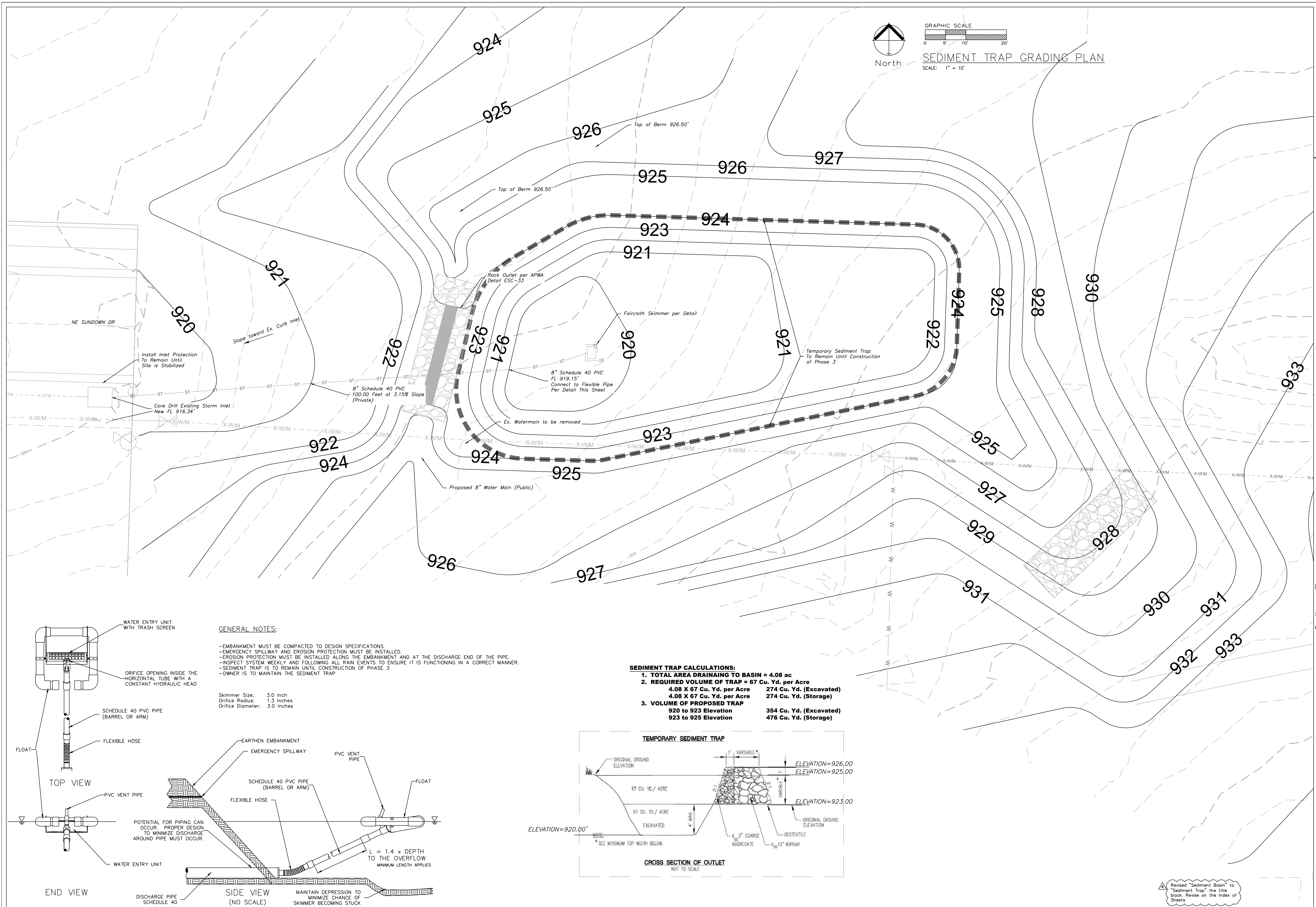
SIGN MOUNTING DETAILS

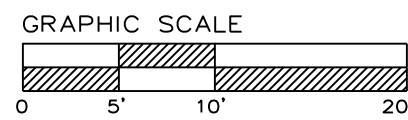
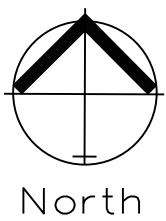
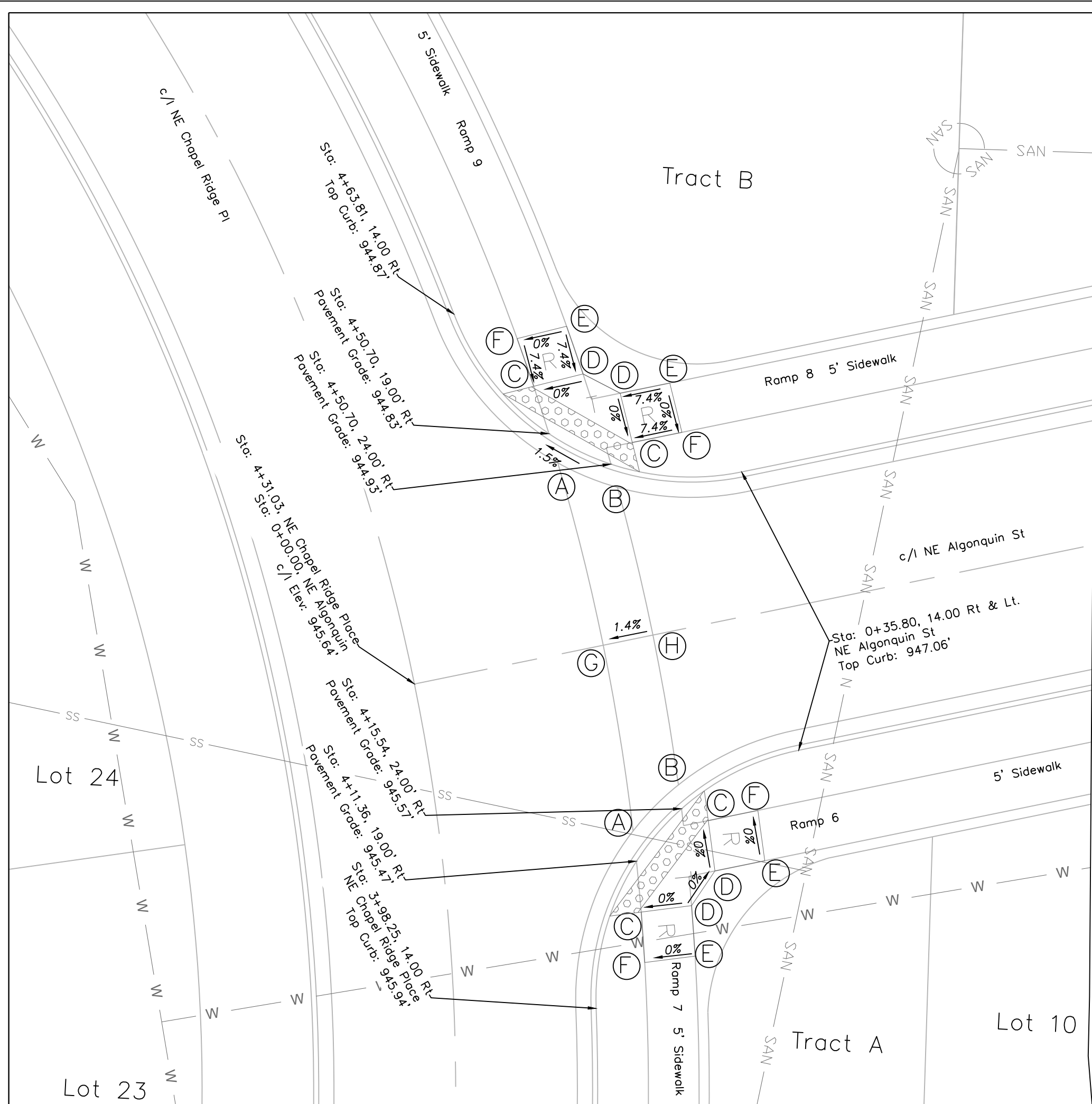
* The height to the bottom of a sign when it is located in a pedestrian walkway or extends into a walkway shall be a minimum of 80 inches above the walkway.



OM4-3
18" X 18"
DETAIL



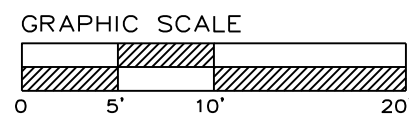
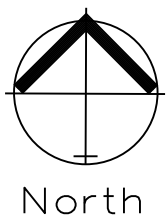




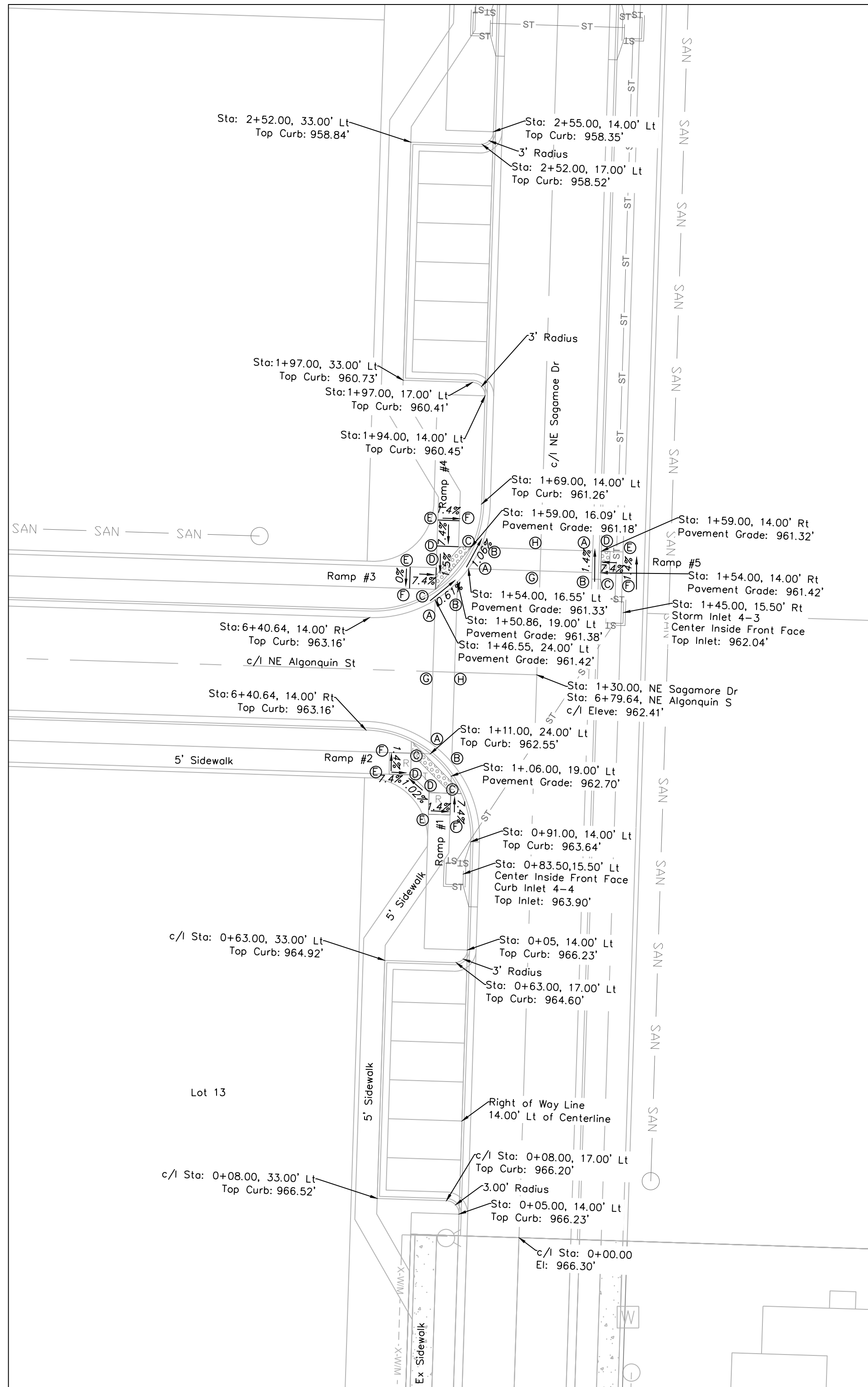
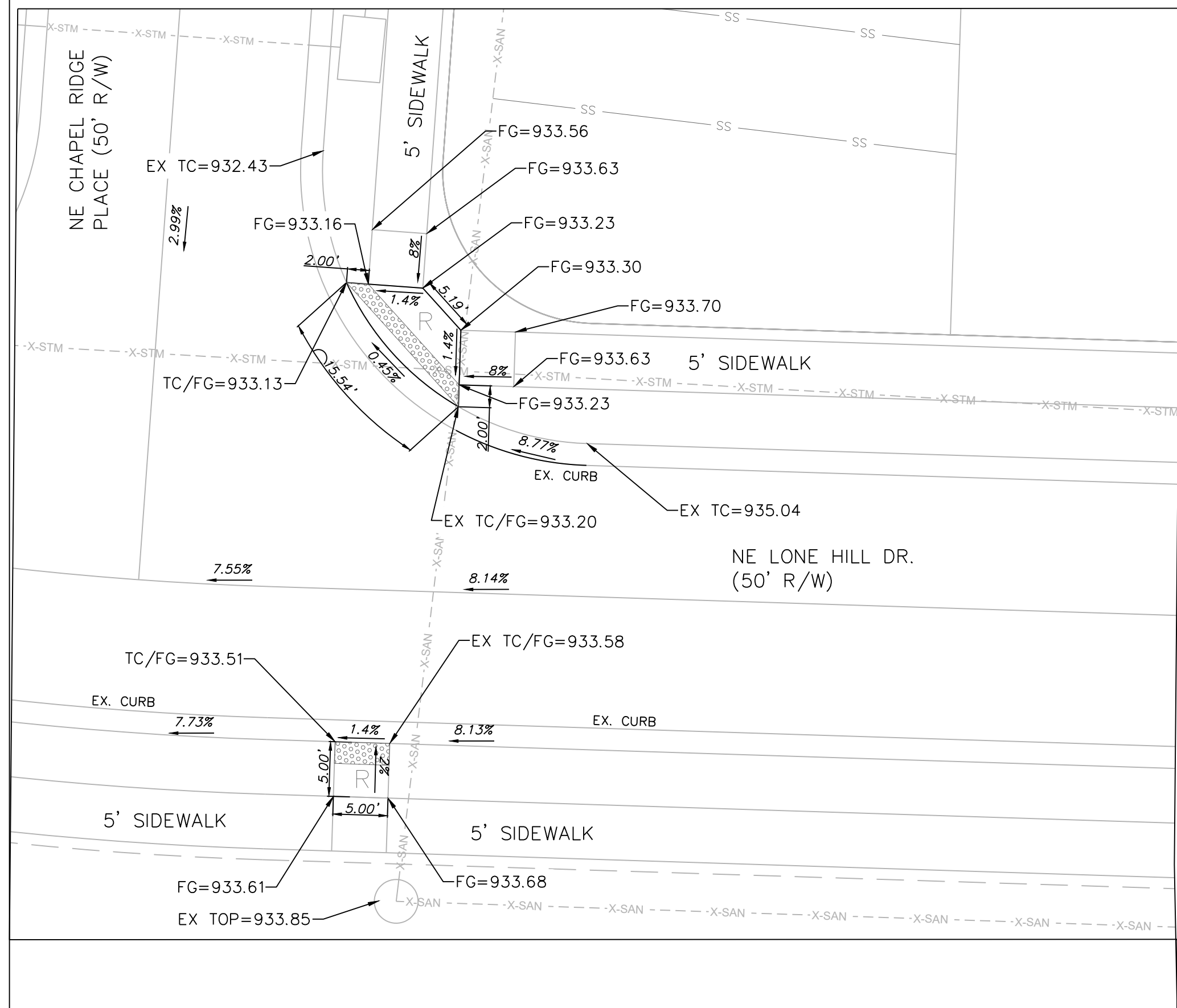
SIDWALK AND INTERSECTION PLAN
SCALE: 1" = 10'

SPOT ELEVATION TABLE				
	Ramp 6	Ramp 7	Ramp 8	Ramp 9
Spot	Elevation	Elevation	Elevation	Elevation
A	945.47	945.47	944.83	944.83
B	945.57	945.57	944.93	944.93
C	945.62	945.52	944.98	944.88
D	945.62	945.62	944.98	944.98
E	945.99	945.99	945.35	945.35
F	945.99	945.99	945.35	945.35
G	945.18	945.18	945.18	945.18
H	945.25	945.25	945.25	945.25

NOTE:
ALL ADA ACCESSIBLE RAMPS TO BE CONSTRUCTED WITH STREET IMPROVEMENTS.



SIDWALK AND INTERSECTION PLAN
SCALE: 1" = 10'



SPOT ELEVATION TABLE					
	Ramp 1	Ramp 2	Ramp 3	Ramp 4	Ramp 5
Spot	Elevation	Elevation	Elevation	Elevation	Elevation
A	962.55	962.55	961.42	961.33	961.35
B	962.70	962.70	961.38	961.27	961.42
C	962.75	962.69	961.45	961.30	961.45
D	962.82	962.76	961.45	961.37	961.38
E	963.19	963.13	961.90	961.81	961.75
F	963.12	963.06	961.90	961.74	961.82
G	961.99	961.99	961.99	961.38	961.38
H	961.92	961.92	961.92	961.31	961.31

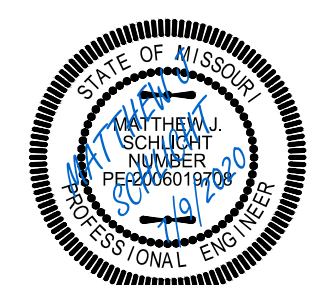


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THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri

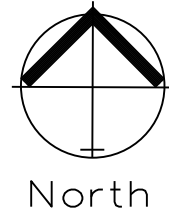
Project:
VILLAS OF CHAPEL
RIDGE LSMD
Issue Date:
April 10, 2020

Sidewalk and
Intersection Plan
Construction Plans for:
THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri



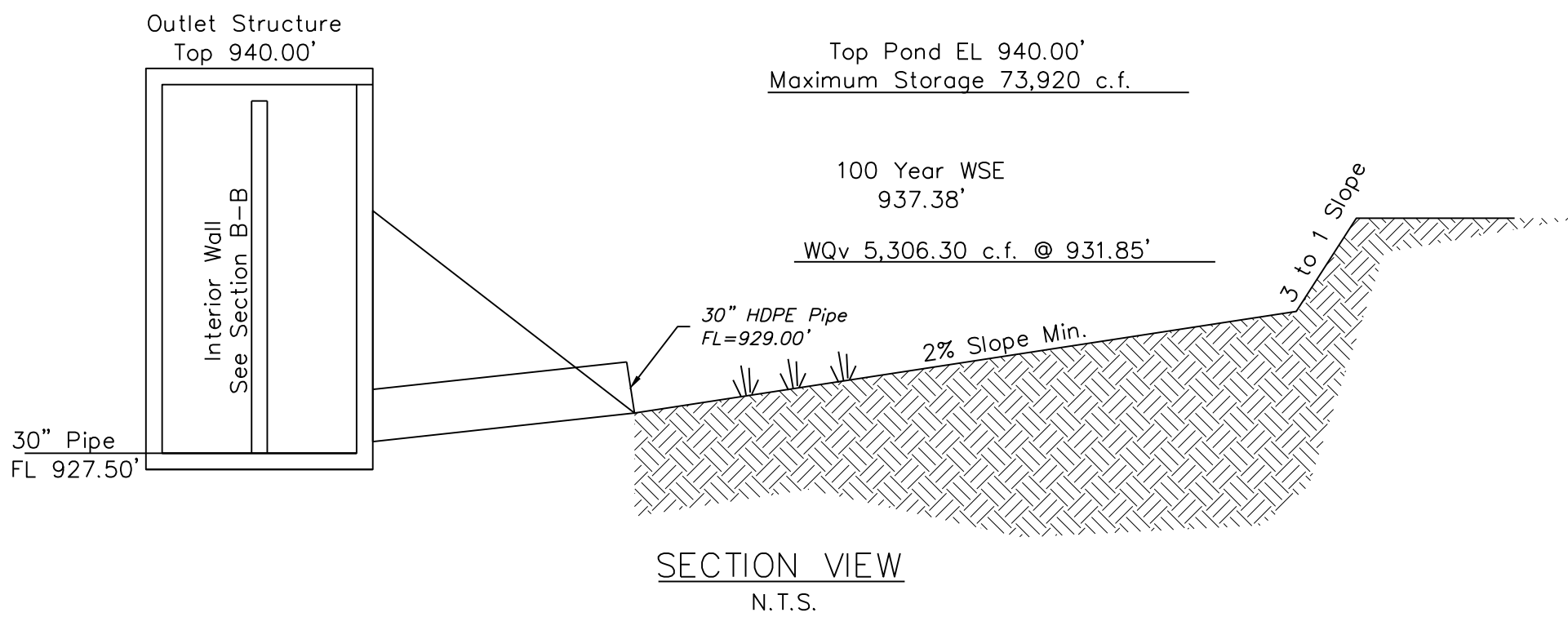
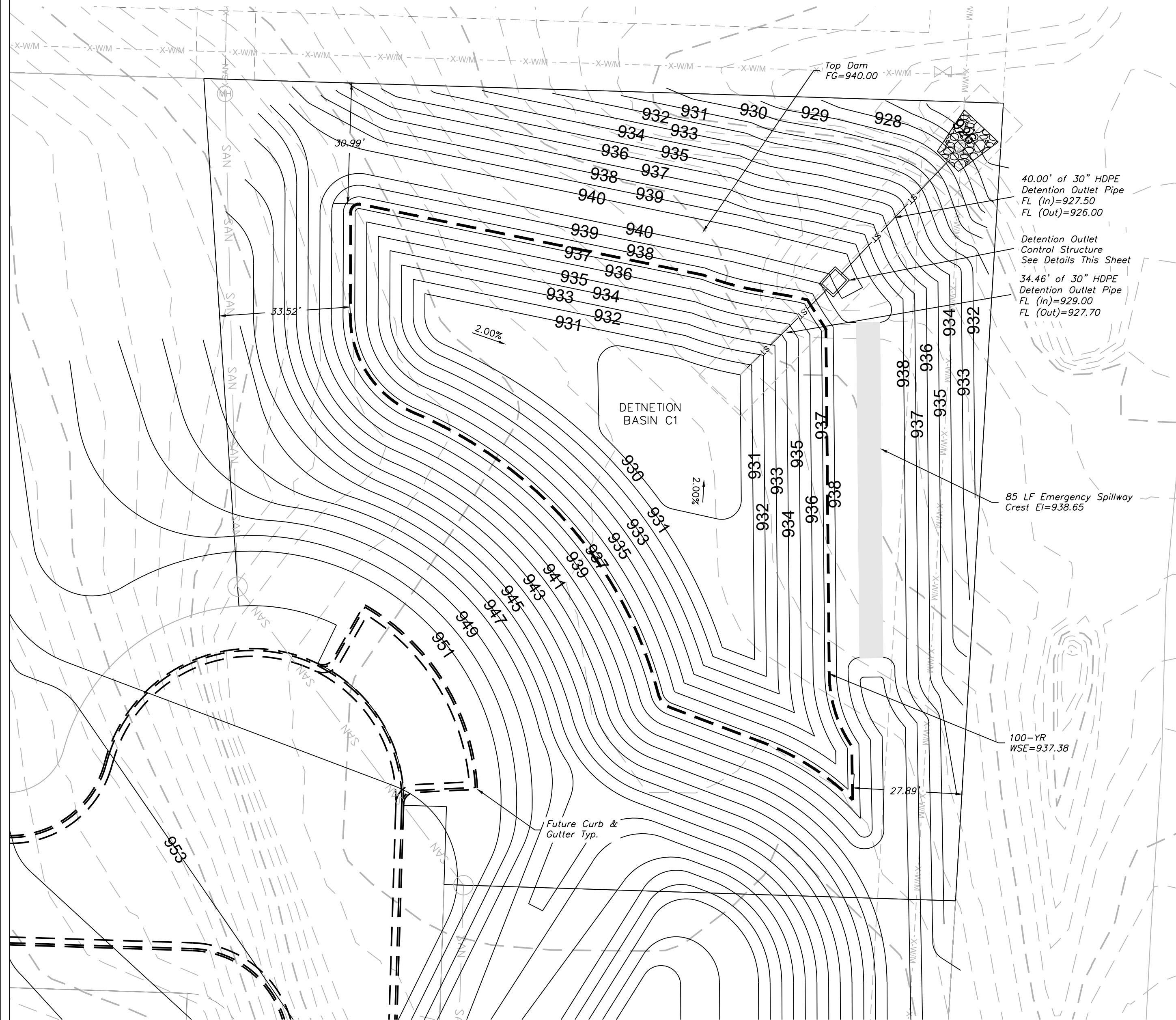
Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25226
NE PE E-14335

REVISIONS
REV. 5/1/2020
REV. 5/12/2020
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REV. 7/9/2020



DETENTION BASIN PLAN

SCALE: 1" = 20'

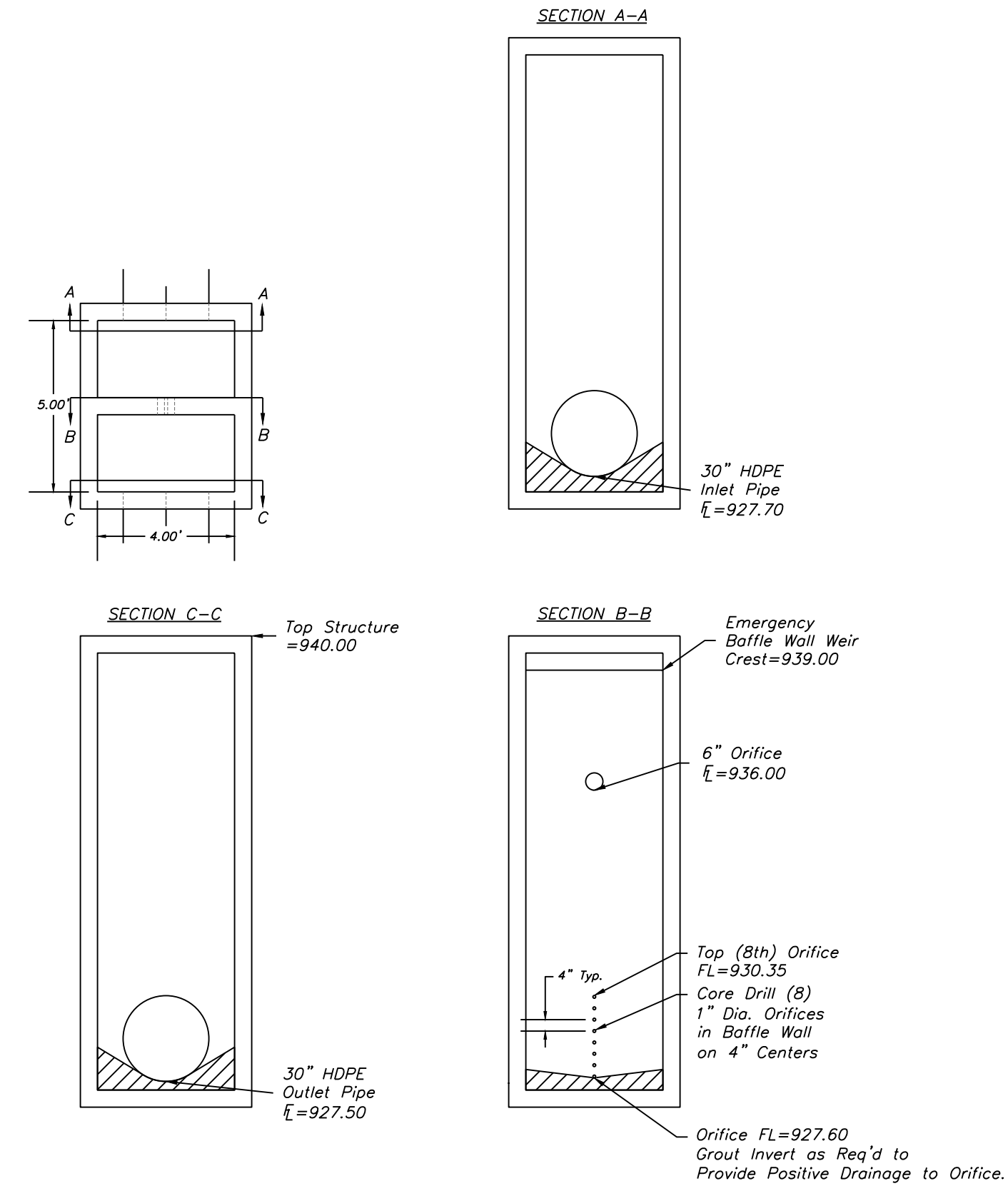


GENERAL NOTES:

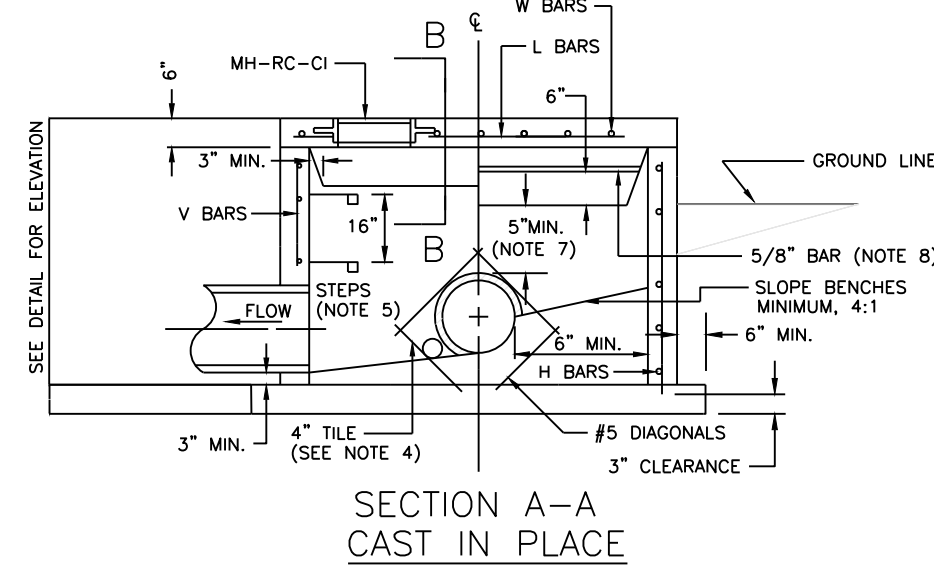
1. Locate ring and cover over outlet.
2. All work and materials shall conform to APWA Sect. 2600.
3. Use 3/4" chamfer strip on all exposed concrete corners.
4. Steps required @ 16" O.C. when depth from top of casting to invert exceeds 4 feet.
5. Boxouts will not be allowed to project through the corners of the structure.
6. The minimum reinforcing shall be 1 H-bar over a cast-in place pipe and 2 H-bars over a precast boxout.
7. Limit opening height to 6" with No. 5 galvanized bars extending to corner rebars.
9. Show field inlet orientation on plans plus number and size of opening.
10. O.R. = one half outside pipe diameter (O.D.).
11. 4" Ø field tile or precast hole shall be located at entering pipe and in the front face sump points. These tiles or openings shall be capped with 1/4" galvanized wire mesh on the outside of the inlet and clear the invert and base concrete.
12. Location of the Manhole shall be located along the Northeast side of the structure.

DETENTION OUTLET STRUCTURE

SCALE: 1" = 4'

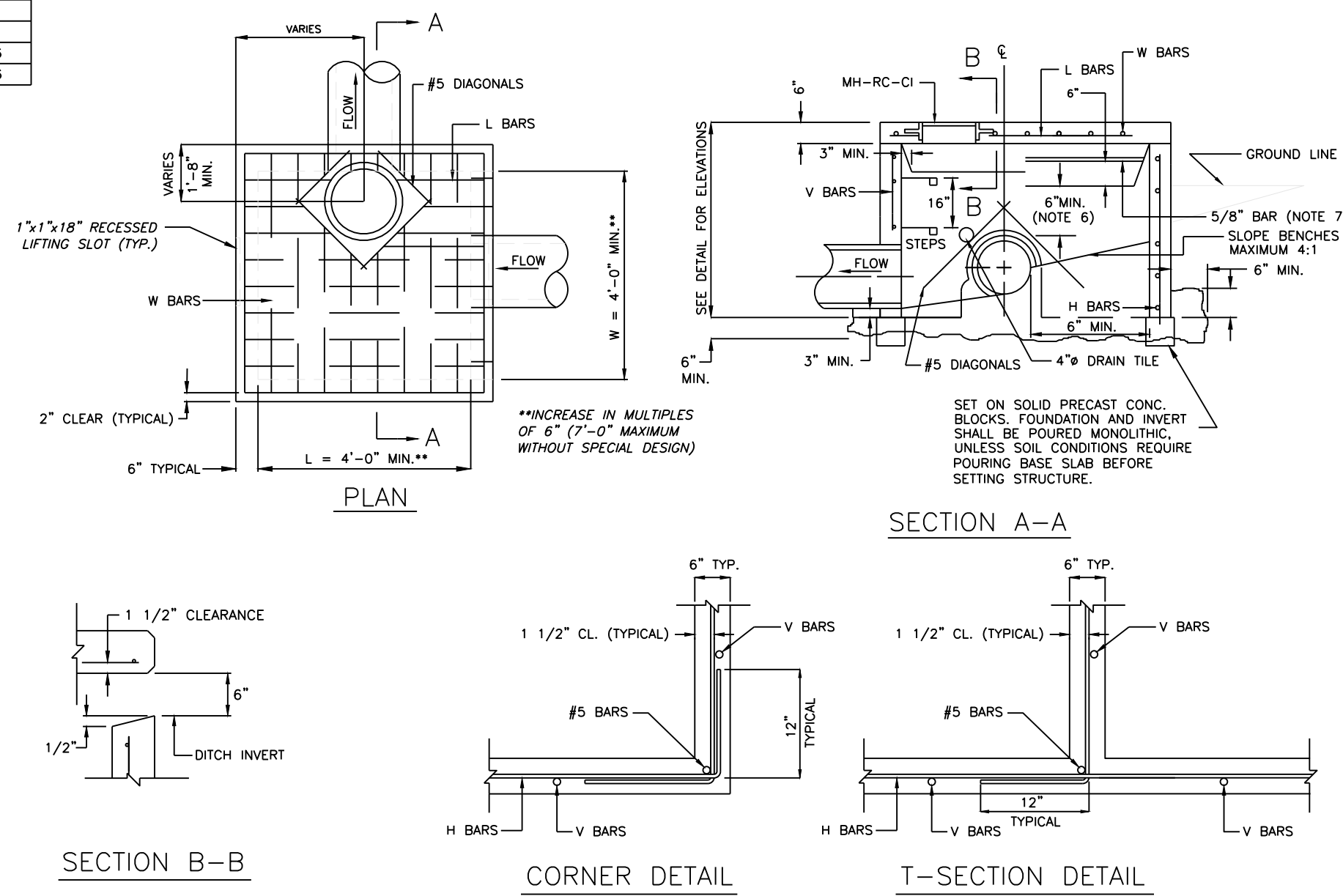


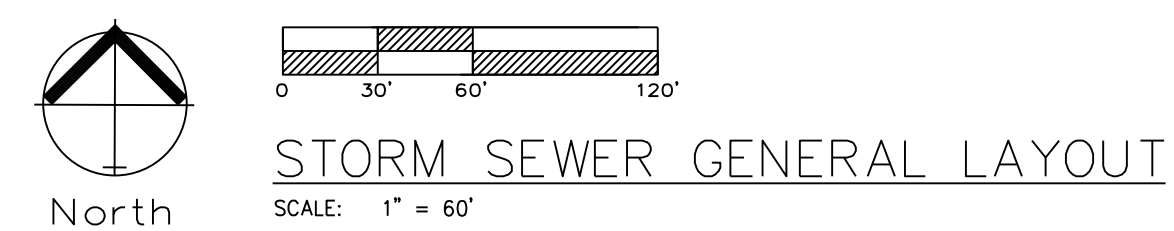
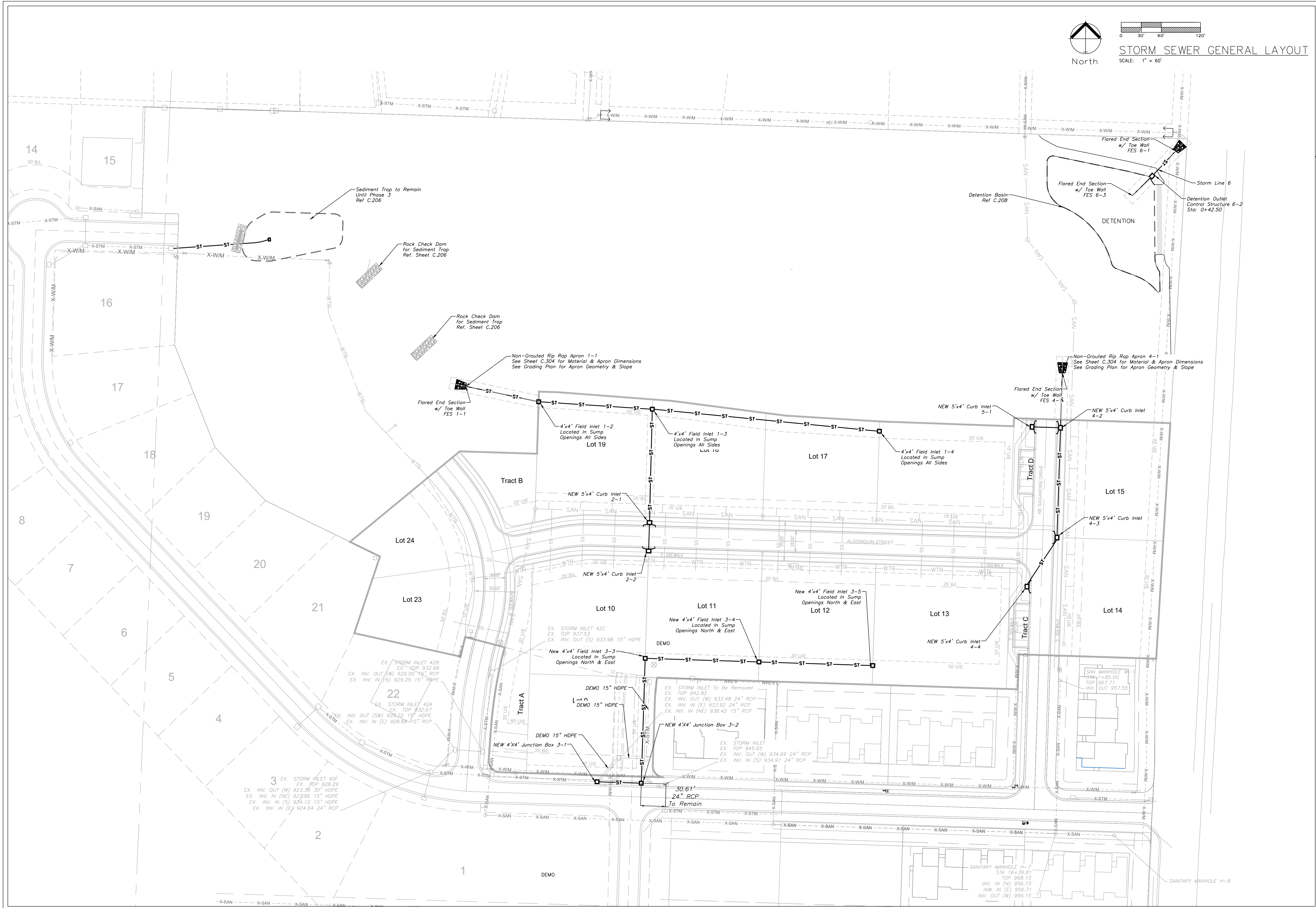
Detention Outlet Structure



REINFORCING

BAR	SIZE	SPACING (IN.)
H	4	12
V	4	12
L	5	6
W	5	6





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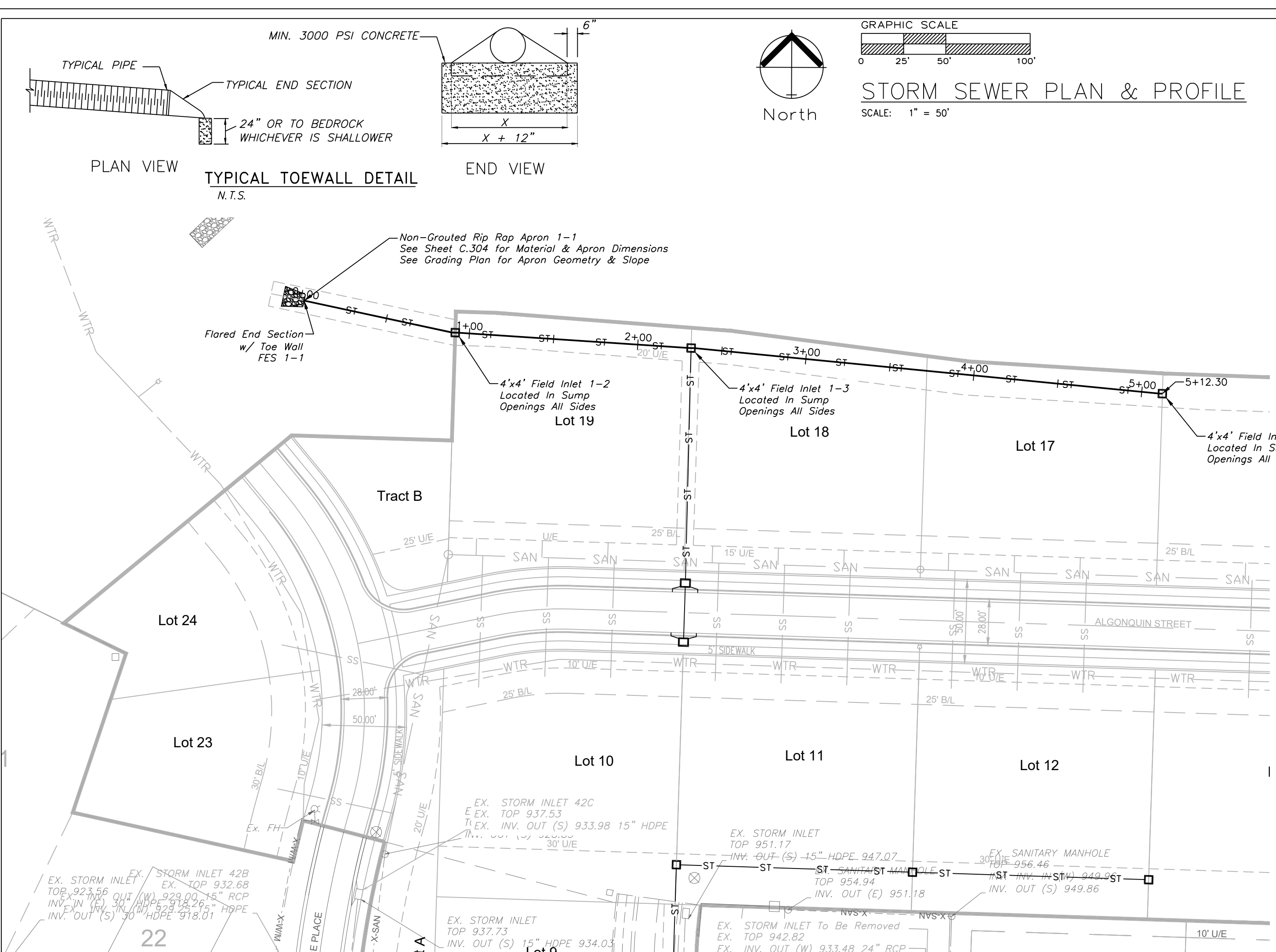
THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri

Project:
VILLAS OF CHAPEL
RIDGE L&MO
Issue Date:
April 10, 2020

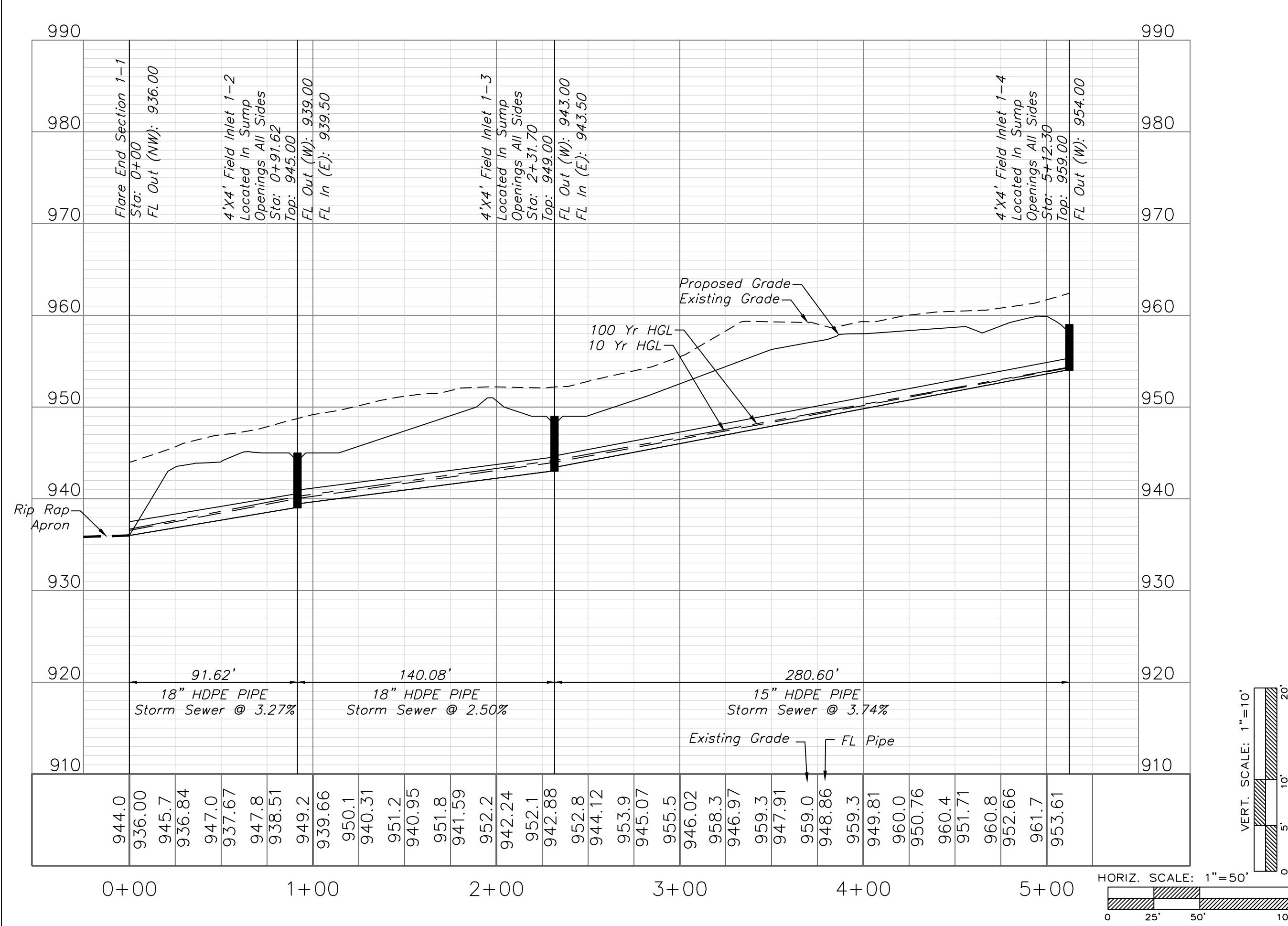
Storm Sewer General Layout
Construction Plans for:
THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri

STATE OF MISSOURI
MATTHEW J. SCHLICHT
REGISTERED PROFESSIONAL ENGINEER
NO. 019347
EX. PE 2006019708
KS PE 19071
OK PE 25226
NE PE E-114335

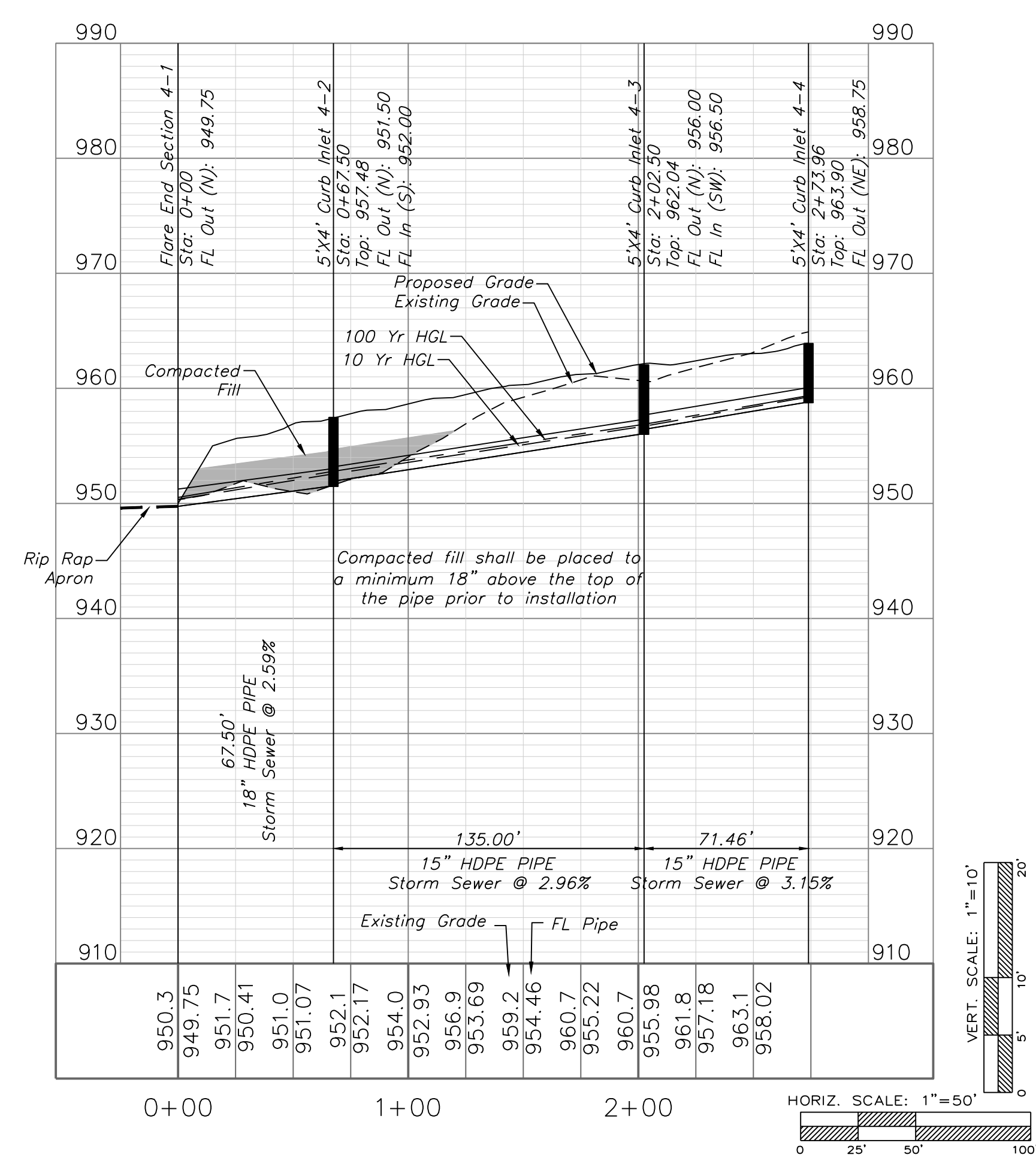
REVISIONS	
REV. 5/1/2020	
REV. 5/12/2020	
REV. 6/4/2020	
REV. 7/9/2020	



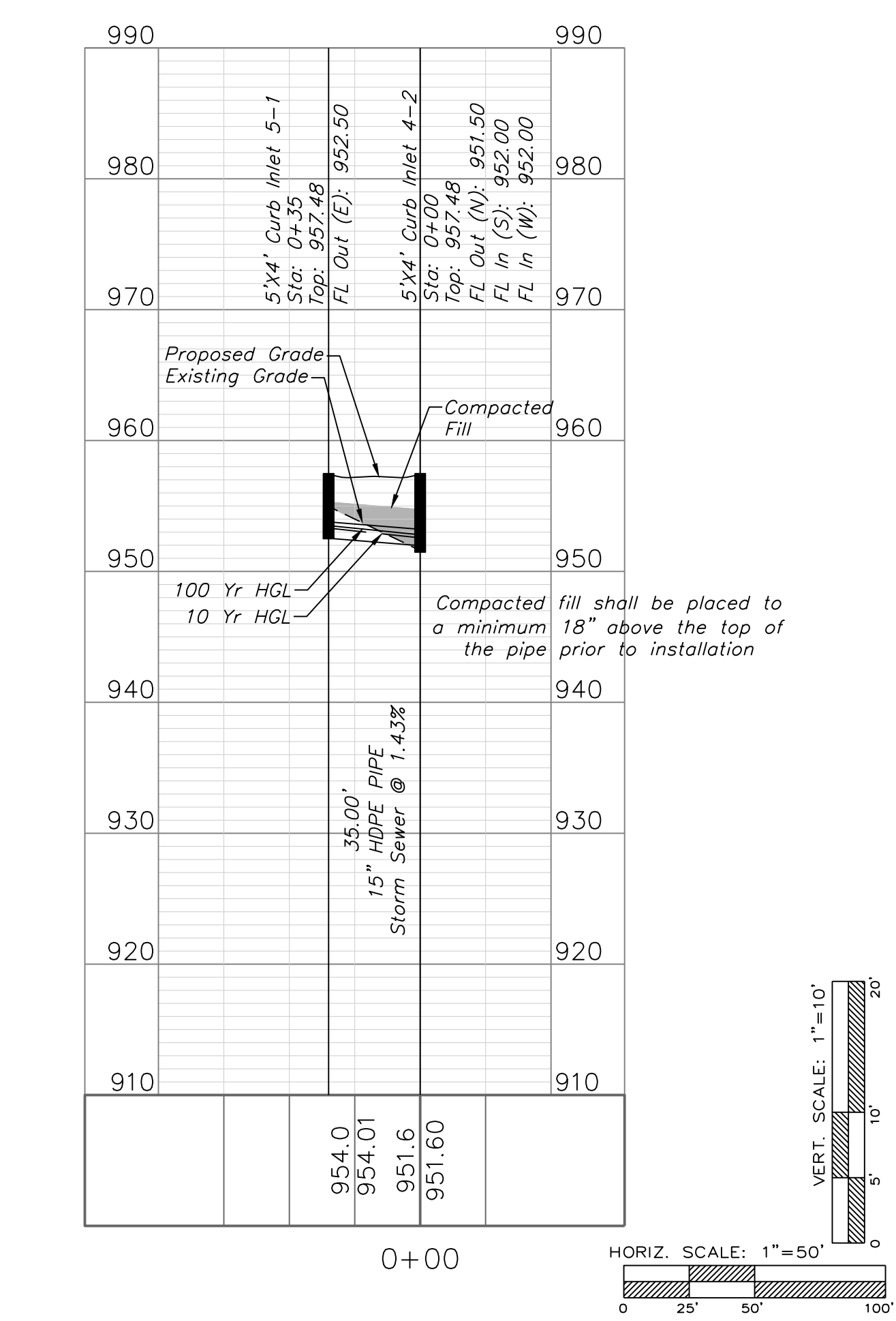
STORM LINE 1



STORM LINE 4



STORM LINE 5



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THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri

Project:
VILLAS OF CHAPEL
RIDGE, LSUMO
Issue Date:
April 10, 2020

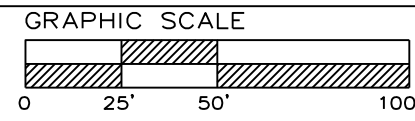
Storm Sewer Plan and Profile
Construction Plans for:
THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri

STATE OF MISSOURI
MATTHEW J. SCHLICHT
REGISTERED PROFESSIONAL ENGINEER
NUMBER 0000000000
EXPIRATION DATE 12/31/2020

Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25226
NE PE E-1143355

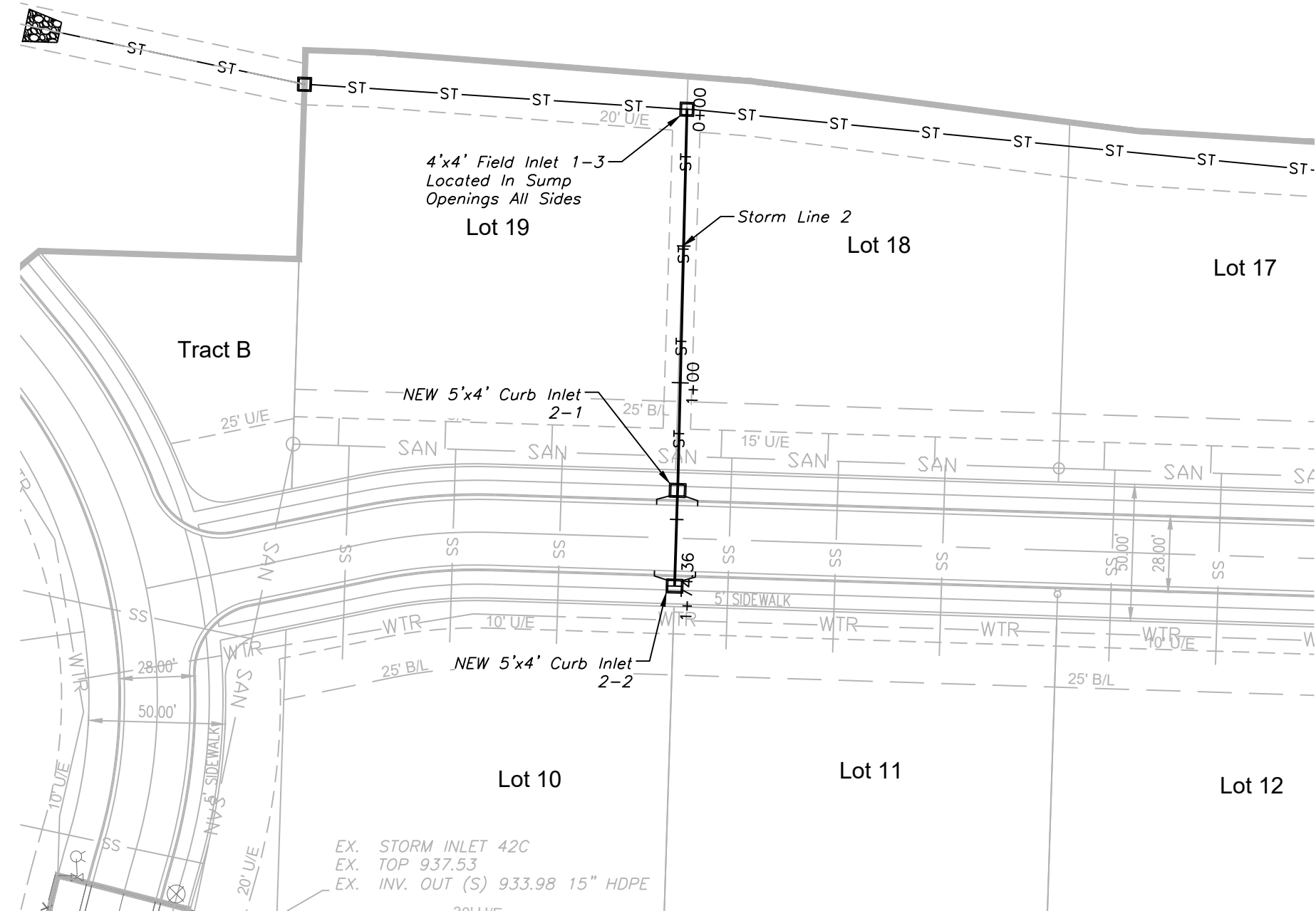
REVISIONS
REV. 5/1/2020
REV. 5/12/2020
REV. 6/4/2020
REV. 7/9/2020

C.301

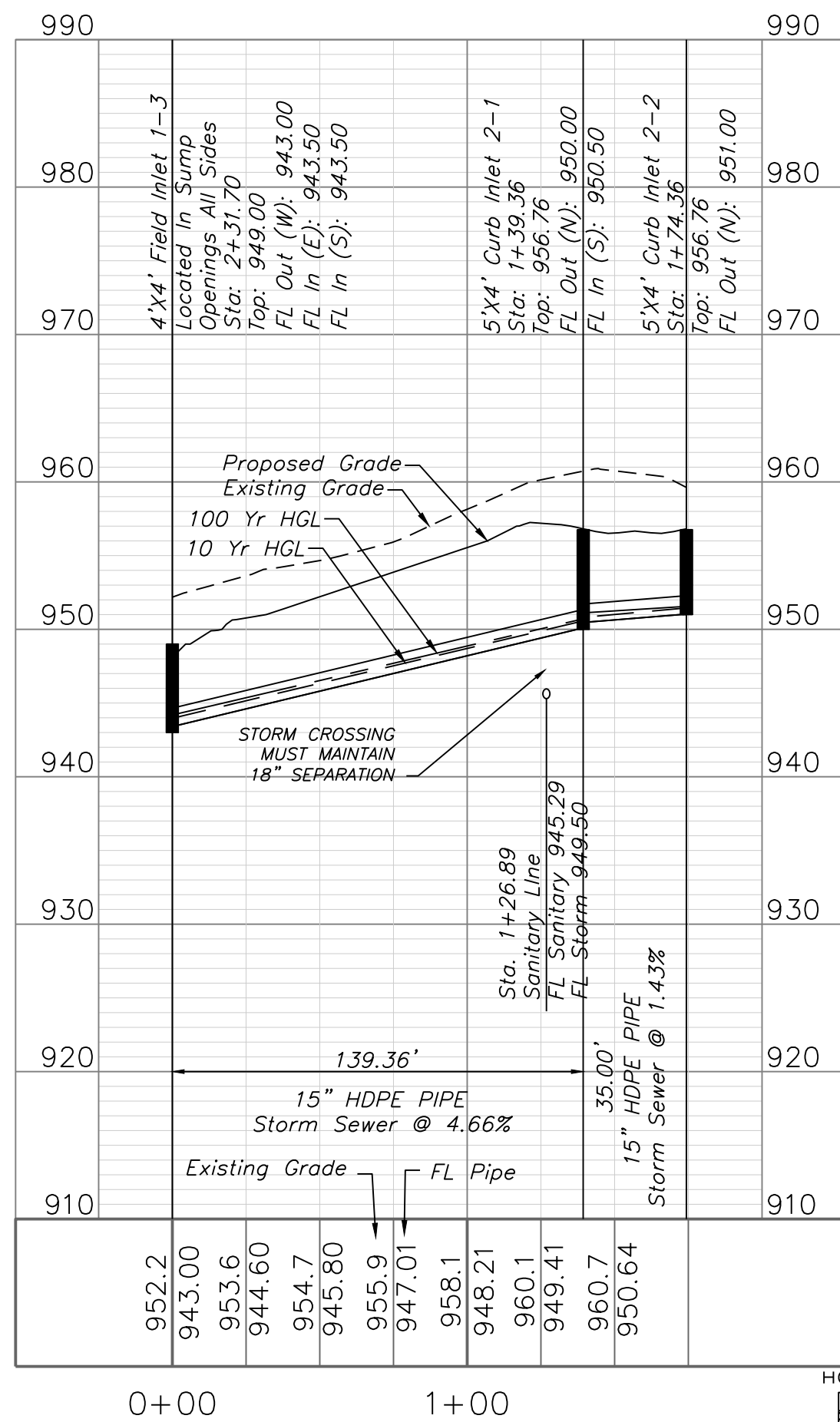


STORM SEWER PLAN & PROFILE

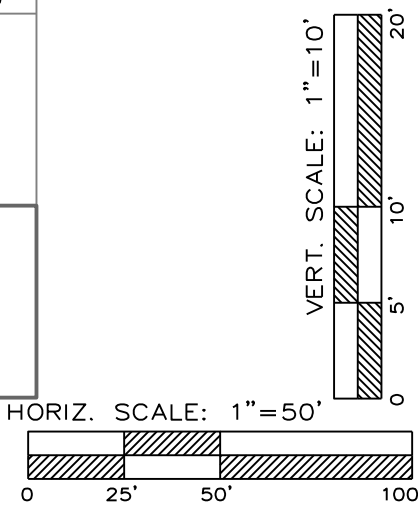
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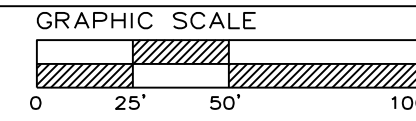
STORM LINE 2



Revised Curb Inlet 2-2 label in the Storm Line 2 Profile view.

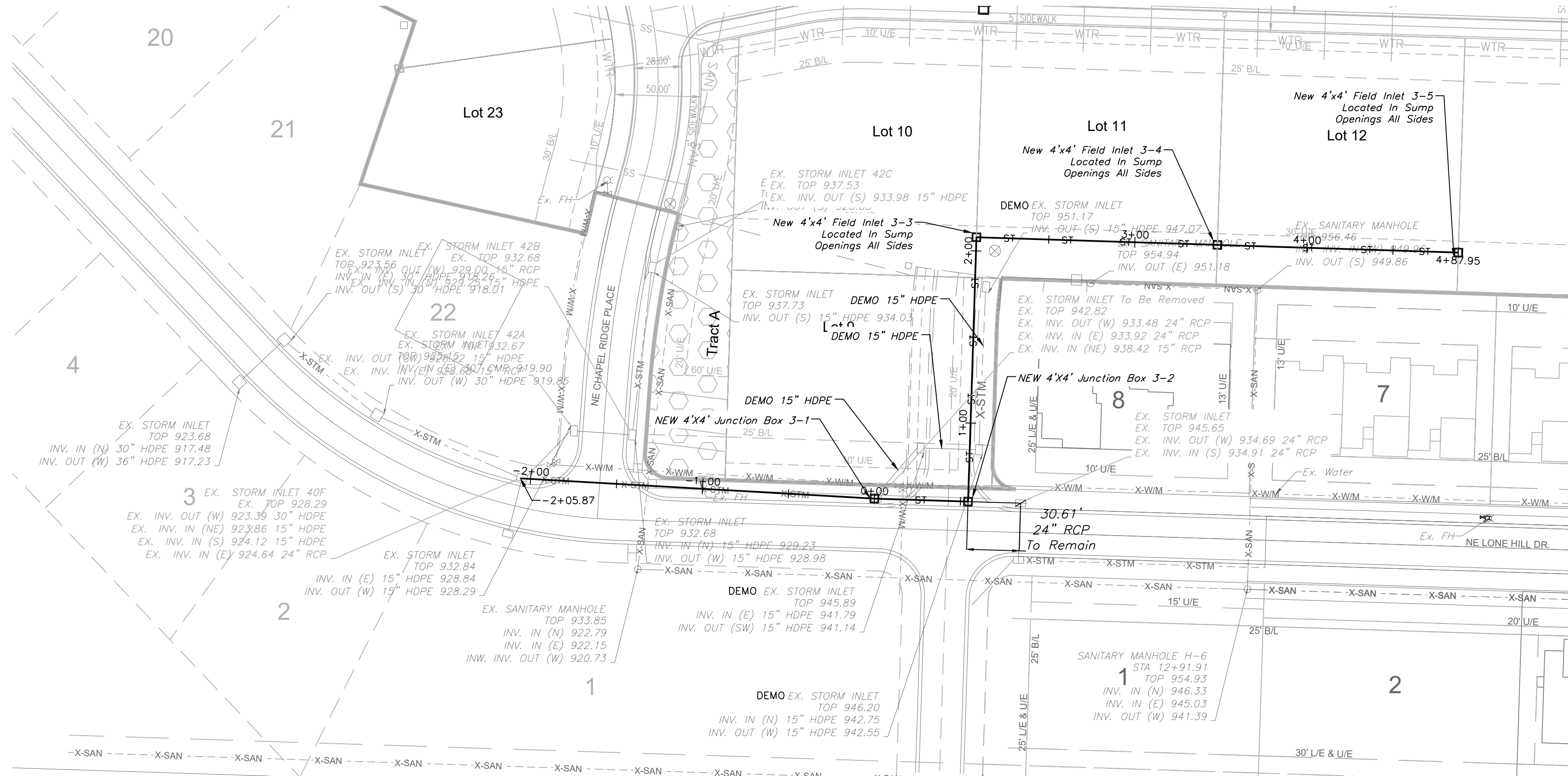


HORIZ. SCALE: 1" = 50'

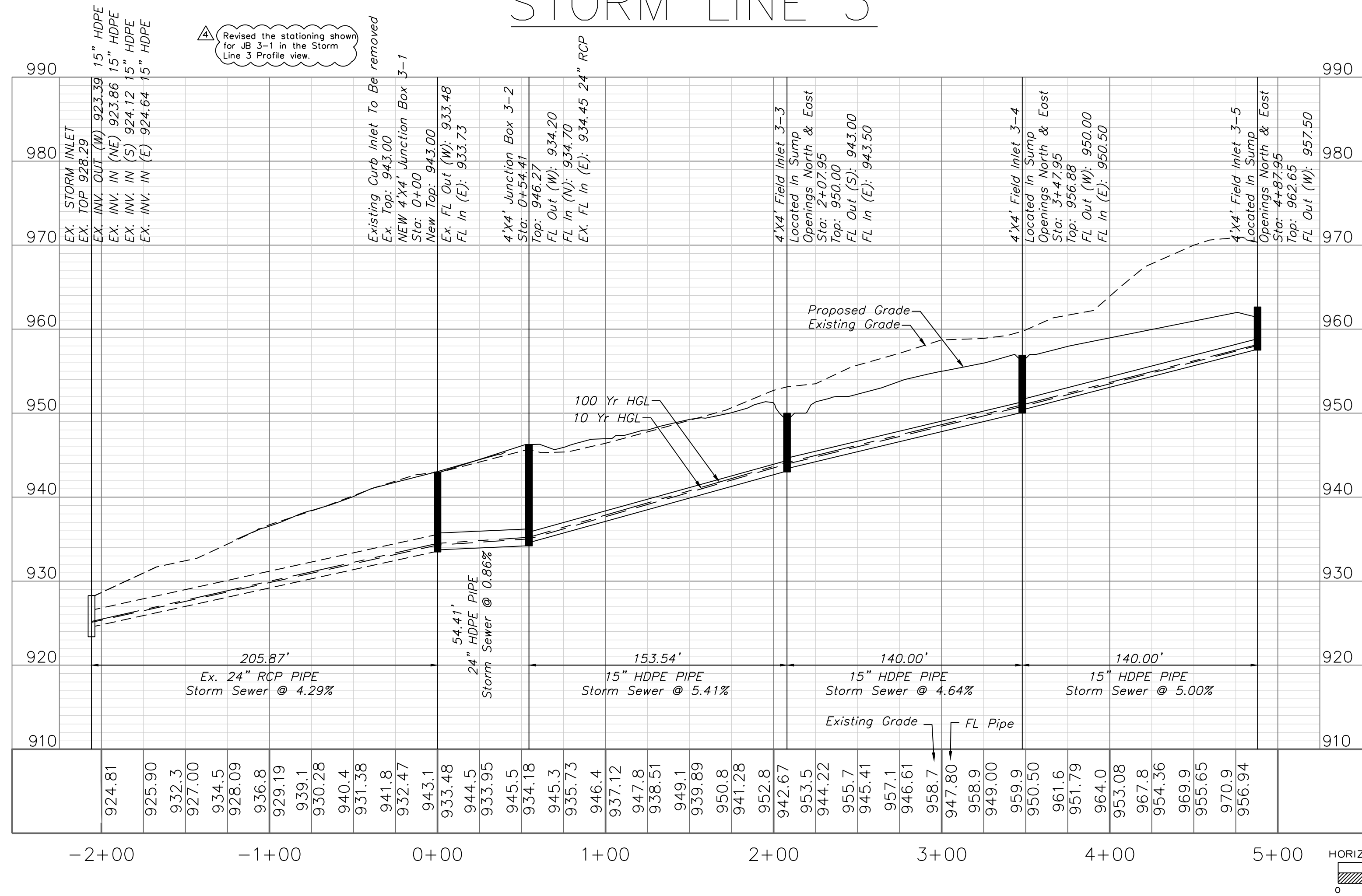


STORM SEWER PLAN & PROFILE

SCALE: 1" = 50'



STORM LINE 3

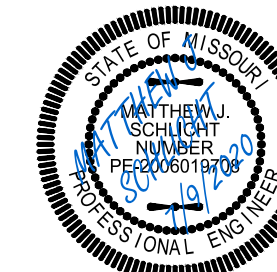


Professional Registration
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THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri

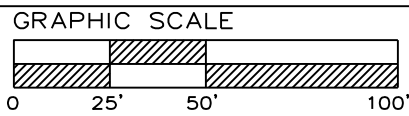
Project:
VILLAS OF CHAPEL
RIDGE, L.S.M.O.
Issue Date:
April 10, 2020

Storm Sewer Plan and Profile
Construction Plans for:
THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri



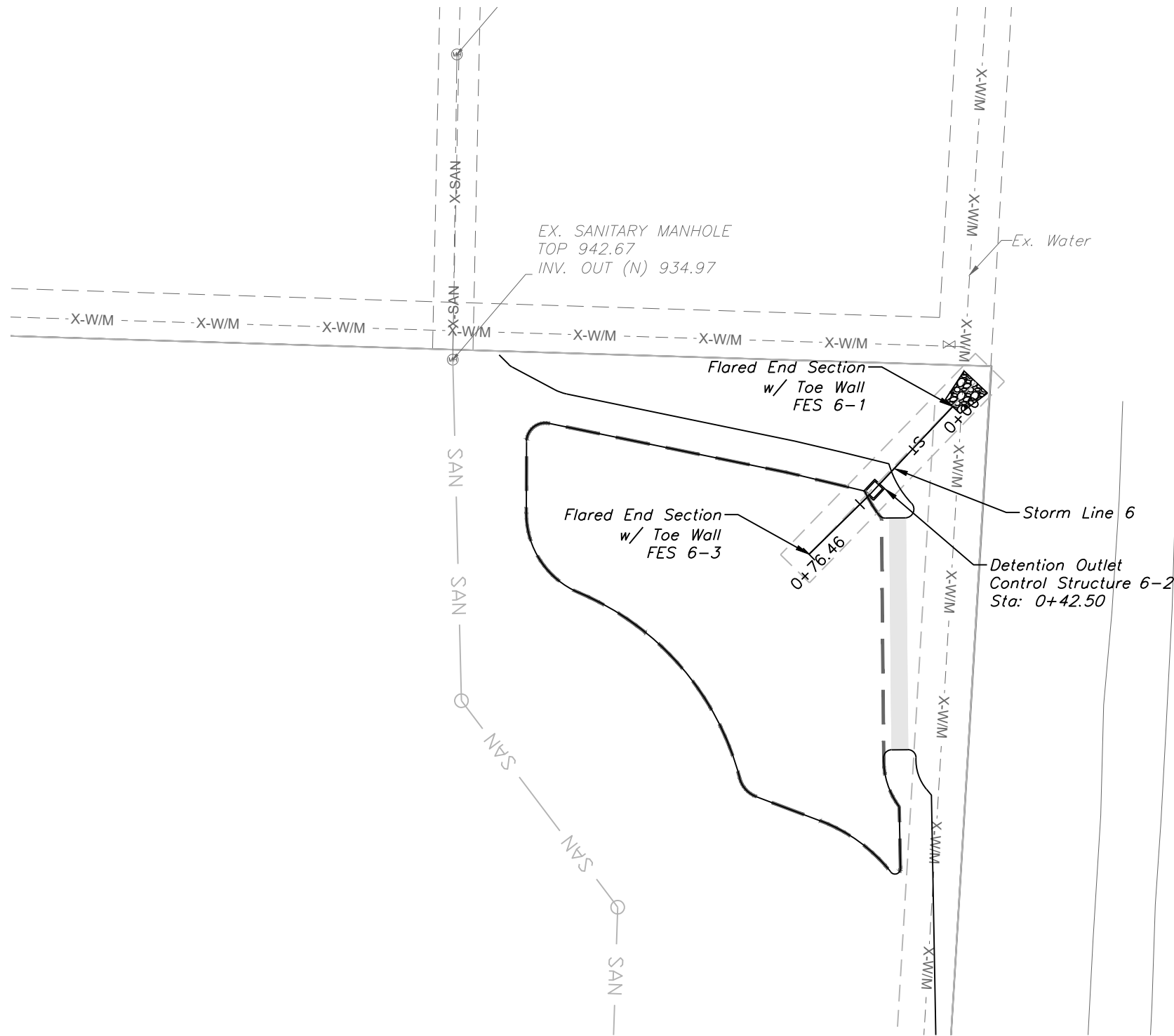
Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25226
NE PE E-114335

REVISIONS
REV. 5/1/2020
REV. 5/12/2020
REV. 6/4/2020
REV. 7/9/2020

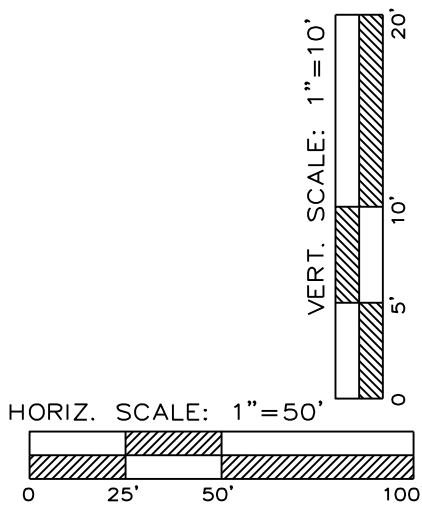
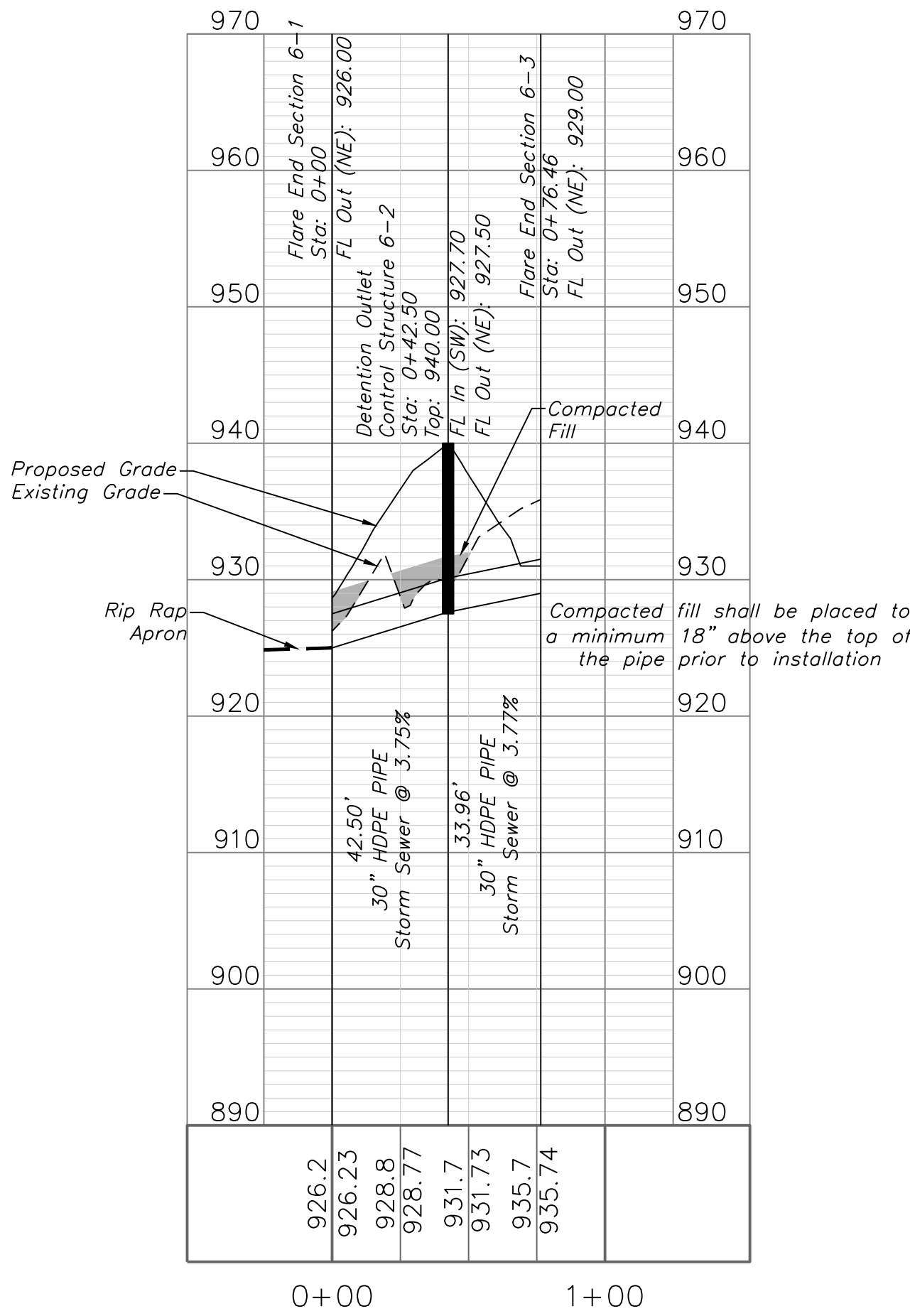


STORM SEWER PLAN & PROFILE

SCALE: 1" = 50'



STORM LINE 6

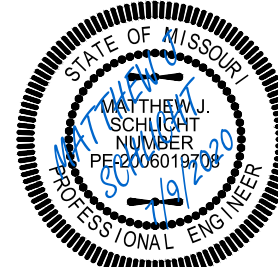


Professional Registration
Missouri
Engineering 2005002186-D
Surveying 2005008319-D
Kansas
Engineering E-1895
Surveying LS-218
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri

Project:
VILLAS OF CHAPEL
RIDGE L&MO
Issue Date:
April 10, 2020

Storm Sewer Plan and Profile
Construction Plans for:
THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri



Matthew J. Schlicht
MO PE 2008019708
KS PE 19071
OK PE 25226
NE PE E-143355

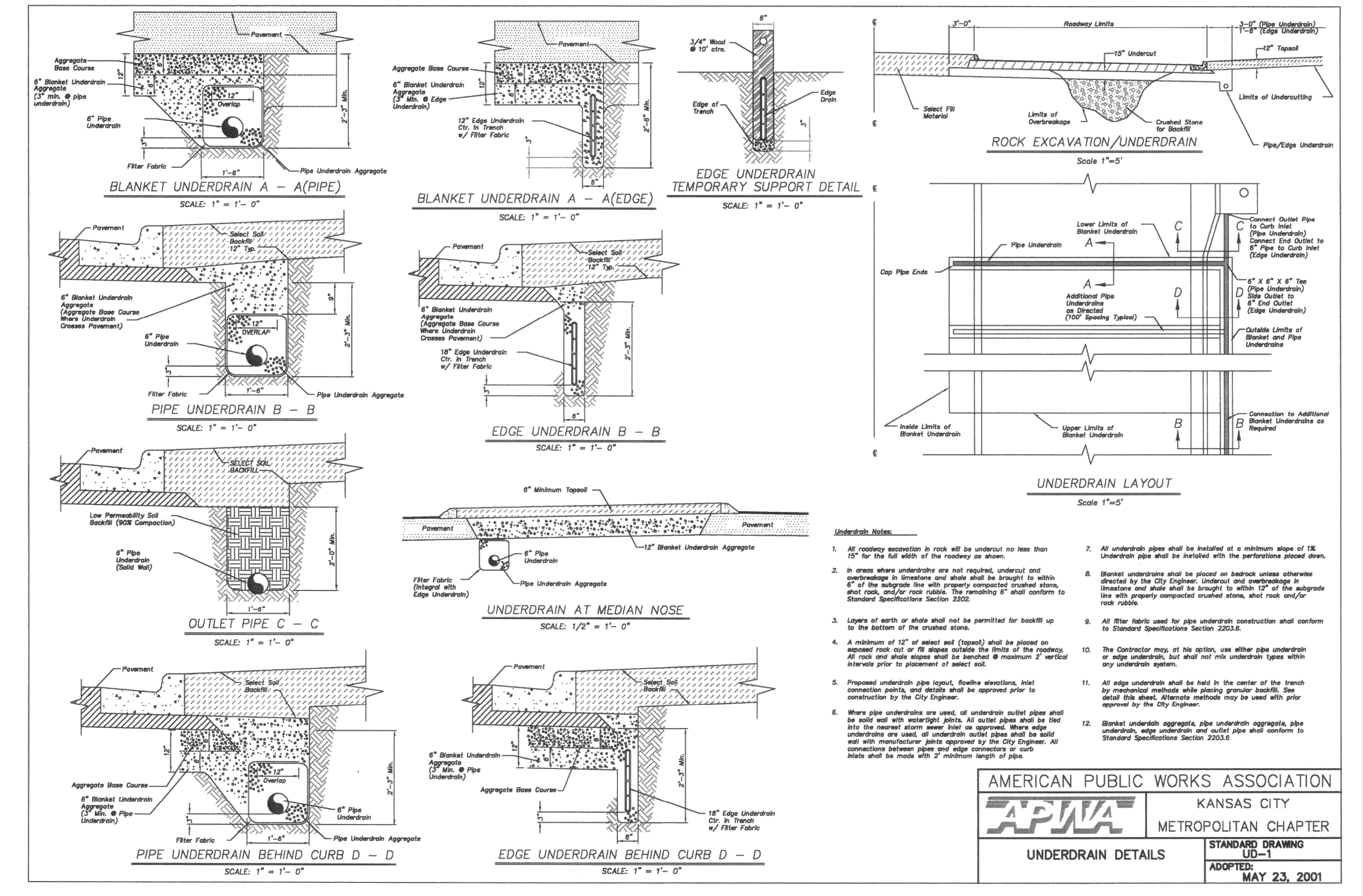
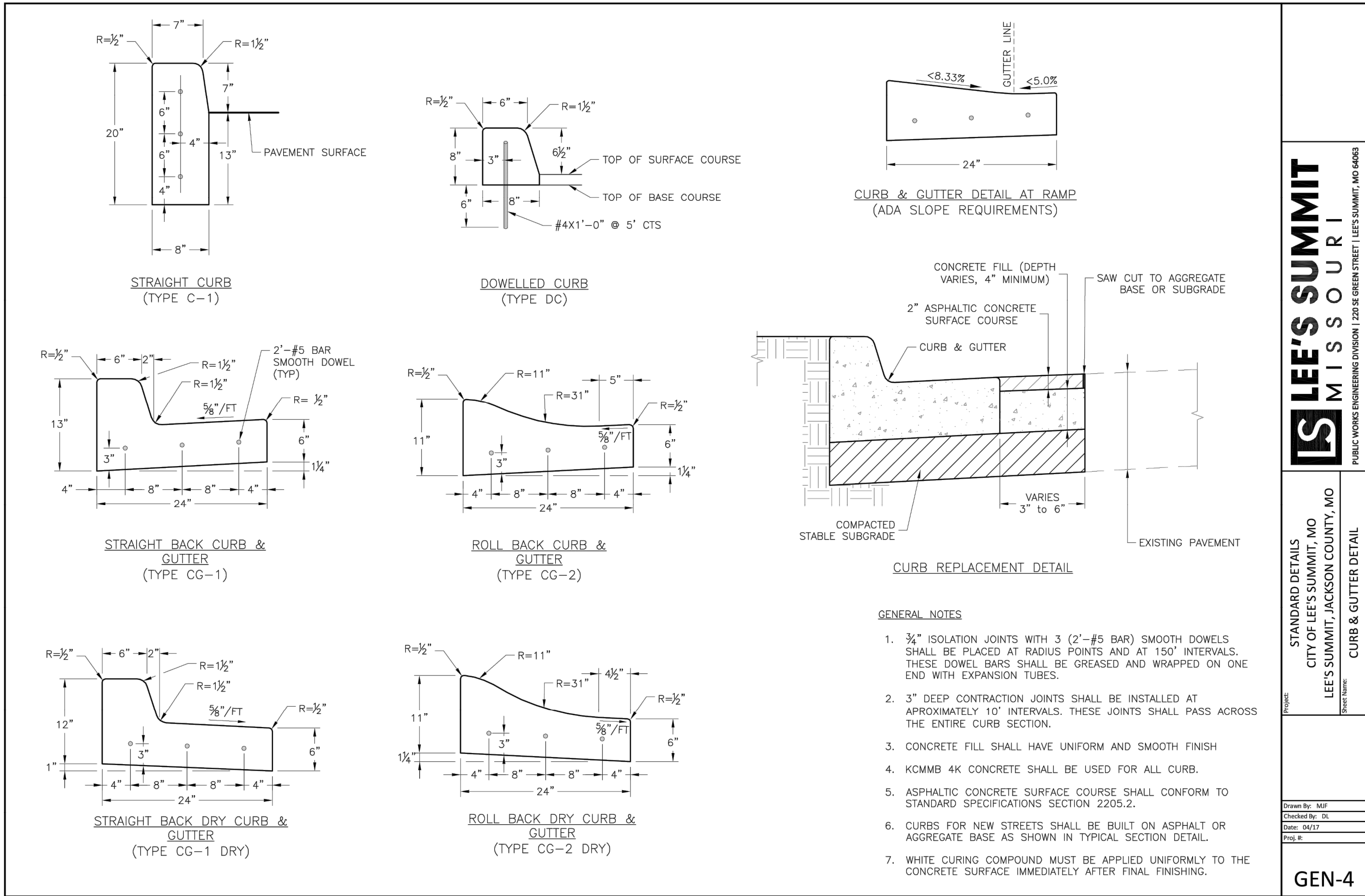
REVISIONS	
△	REV. 5/1/2020
△	REV. 5/12/2020
△	REV. 6/4/2020
△	REV. 7/9/2020

10 YEAR INLET																						
D.S. Str.	Str.	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)	InletDepth (ft)	BypassDepth (ft)	BypassSpread (ft)	GutterDepth (ft)	GutterSpread (ft)	Bypass Str.
1-1	1-2	0.21	5.20	7.21	0.66	1.00	0	1	0	Dp-Curb	6	16	Sag	....	0.02	0.02	0.08	n/a	n/a	0.08	3.78	Sag
1-2	1-3	0.87	6.20	6.94	0.66	3.99	0	3.99	0	Dp-Curb	6	16	Sag	....	0.02	0.02	0.19	n/a	n/a	0.19	9.51	Sag
1-3	1-4	0.12	5.30	7.18	0.66	0.57	0	0.57	0	Dp-Curb	6	16	Sag	....	0.02	0.02	0.05	n/a	n/a	0.05	2.6	Sag
1-3	2-1	0.17	6.00	7.00	0.66	0.78	0	0.3	0.49	Curb	10	5	0.078	2	0.05	0.02	0.11	0.1	1.9	0.11	2.66	EX 42A
2-1	2-2	0.28	6.00	7.00	0.66	1.29	0	0.39	0.9	Curb	10	5	0.078	2	0.05	0.02	0.13	0.12	2.94	0.13	3.74	EX 42C
EX 40F	3-1	0	0.00	0.00	0.00	0.00	....	....	....	JB	....	....	....	....	....	....	....	....	....	....	....	....
3-1	3-2	0	0.00	0.00	0.00	0.00	....	....	....	JB	....	....	....	....	....	....	....	....	....	....	....	....
3-2	3-3	0.36	5.30	7.18	0.66	1.71	0	1.71	0	Dp-Curb	6	16	Sag	....	0.02	0.02	0.11	n/a	n/a	0.11	5.4	Sag
3-3	3-4	0.45	5.50	7.13	0.66	2.12	0	2.12	0	Dp-Curb	6	16	Sag	....	0.02	0.02	0.12	n/a	n/a	0.12	6.24	Sag
3-4	3-5	0.4	5.50	7.13	0.66	1.88	0	1.88	0	Dp-Curb	6	16	Sag	....	0.02	0.02	0.12	n/a	n/a	0.12	5.76	Sag
EX 40F	EX 42A	0.15	6.00	7.00	0.66	0.69	5.79	1.15	5.33	Curb	10	5	0.03	2	0.05	0.02	0.26	0.25	9.35	0.26	10.13	EX 40F
EX 42A	EX 42B	0.43	5.80	7.05	0.66	2.00	0	0.63	1.37	Curb	10	5	0.03	2	0.05	0.02	0.18	0.16	5.04	0.18	6.07	EX 40F
EX 42B	EX 42C	0.84	6.10	6.97	0.66	3.86	0.9	0.84	3.93	Curb	10	5	0.059	2	0.05	0.02	0.21	0.2	7.08	0.21	7.71	EX 40F
4-1	4-2	0.15	5.50	7.13	0.66	0.71	1.07	0.57	1.21	Curb	10	5	0.036	2	0.05	0.02	0.17	0.15	4.5	0.17	5.49	Offsite
4-2	4-3	0.36	6.40	6.89	0.66	1.64	0	0.56	1.07	Curb	10	5	0.03	2	0.05	0.02	0.17	0.15	4.43	0.17	5.51	4-2
4-3	4-4	0.33	5.20	7.21	0.66	1.57	0	0.55	1.02	Curb	10	5	0.03	2	0.05	0.02	0.17	0.15	4.3	0.17	5.4	5-1
4-2	5-1	0.87	5.80	7.05	0.66	4.05	1.02	0.97	4.09	Curb	10	5	0.036	2	0.05	0.02	0.24	0.22	8.04	0.24	8.81	Offsite

10 YEAR PIPE																						
D.S. Str.	U.S. Str.	LineLength (ft)	Incr.Area (ac)	TotalArea (ac)	RunoffCoeff. (C)	IncrC x A	TotalC x A	InletTime (min)	TimeConc (min)	RnfalInt (in/hr)	TotalRunoff (cfs)	TotalFlow (cfs)	CapacFull (cfs)	Veloc (ft/s)	PipeSize (in)	PipeSlope (%)	Inv ElevDn (ft)	Inv ElevUp (ft)	HGLDn (ft)	HGLUp (ft)	Grnd/RimDn (ft)	Grnd/RimUp (ft)
1-1	1-2	91.62	0.21	1.65	0.66	0.14	1.09	5.2	8	6.5	7.10	7.10	24.70	8.78	18	3.27	936.00	939.00	936.55	940.03	937.50	945.00
1-2	1-3	140.08	0.87	1.44	0.66	0.57	0.95	6.2	7.7	6.6	6.26	6.26	21.58	7.89	18	2.50	939.50	943.00	940.05	943.97	945.00	949.00
1-3	1-4	280.60	0.12	0.12	0.66	0.08	0.08	5.3	5.3	7.2	0.57	0.57	16.24	1.97	15	3.74	943.50	954.00	943.97	954.29	949.00	959.00
1-3	2-1	139.36	0.17	0.45	0.66	0.11	0.3	6	6.1	7	2.07	2.07	18.13	4.36	15	4.66	943.50	950.00	943.97	950.57	949.00	956.76
2-1	2-2	35.00	0.28	0.28	0.66	0.18	0.18	6	6	7	1.29	1.29	10.03	4.44	15	1.43	950.50	951.00	950.80	951.45	956.76	956.76
EX 40F	3-1	205.87	0.00	1.21	0	0	0.8	0	6.6	6.8	5.46	5.46	46.87	7.22	24	4.29	924.64	933.48	925.10	934.30	928.29	943.00
3-1	3-2	54.41	0.00	1.21	0	0	0.8	0	6.5	6.9	5.49	5.49	27.33	5.64	24	0.86	933.73	934.20	934.34	935.03	943.00	946.27
3-2	3-3	153.54	0.36	1.21	0.66	0.24	0.8	5.3	6.2	6.9	5.54	5.54	19.52	9.60	15	5.41	934.70	943.00	935.16	943.95	946.27	950.00
3-3	3-4	140.00	0.45	0.85	0.66	0.3	0.56	5.5	5.9	7	3.94	3.94	18.09	7.28	15	4.64	943.50	950.00	943.95	950.80	950.00	956.88
3-4	3-5	140.00	0.40	0.4	0.66	0.26	0.26	5.5	5.5	7.1	1.88	1.88	18.77	5.94	15	5.00	950.50	957.50	950.80	958.05	956.88	962.65
EX 40F	EX 42A	43.25	0.15	1.42	0.66	0.1	0.94	6	6.5	6.9	6.43	6.43	26.65	11.93	15	10.08	923.86	928.22	924.28	929.24	928.29	932.67
EX 42A	EX 42B	33.90	0.43	1.27	0.66	0.28	0.84	5.8	6.4	6.9	5.77	5.77	6.27	5.72	15	0.94	928.68	929.00	929.62	929.97	932.67	932.68
EX 42B	EX 42C	97.97	0.84	0.84	0.66	0.55	0.55	6.1	6.1	7	3.86	3.86	18.45	4.98	15	4.83	929.25	933.98	929.97	934.77	932.68	937.53
4-1	4-2	67.50	0.15	1.71	0.66	0.1	1.13	5.5	6.8	6.8	7.65	7.65	21.98	8.49	18	2.59	949.75	951.50	950.36	952.57	951.25	957.48
4-2	4-3	135.00	0.36	0.69	0.66	0.24	0.46	6.4	6.4	6.9	3.14	3.14	14.45	5.05	15	2.96	952.00	956.00	952.57	956.71	957.48	962.04
4-3	4-4	71.46	0.33	0.33	0.66	0.22	0.22	5.2	5.2	7.2	1.57	1.57	14.90	5.67	15	3.15	956.50	958.75	956.77	959.25	962.04	963.90
4-2	5-1	35.00	0.87	0.87	0.66	0.57	0.57	5.8	5.8	7	4.05	4.05	10.03	6.10	15	1.43	952.00	952.50	952.57	953.31	957.48	957.48

100 YEAR INLET																						
D.S. Str.	Str.	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)	InletDepth (ft)	BypassDepth (ft)	BypassSpread (ft)	GutterDepth (ft)	GutterSpread (ft)	Bypass Str.
1-1	1-2	0.21	5.20	10.91	0.66	1.51	0	1.51	0	Dp-Curb	6	16	Sag	....	0.02	0.02	0.1	n/a	n/a	0.1	4.98	Sag
1-2	1-3	0.87	6.20	10.50	0.66	6.03	0	6.03	0	Dp-Curb	6	16	Sag	....	0.02	0.02	0.25	n/a	n/a	0.25	12.54	Sag
1-3	1-4	0.12	5.30	10.87	0.66	0.86	0	0.86	0	Dp-Curb	6	16	Sag	....	0.02	0.02	0.07	n/a	n/a	0.07	3.42	Sag
1-3	2-1	0.17	6.00	10.58	0.66	1.19	0	0.38	0.81	Curb	10	5	0.078	2	0.05	0.02	0.13	0.11	2.73	0.13	3.55	EX 42A
2-1	2-2	0.28	6.00	10.58	0.66	1.96	0	0.49	1.46	Curb	10	5	0.078	2	0.05	0.02	0.15	0.14	4.02	0.15	4.73	EX 42C
EX 40F	3-1	0.00	0.00	0.00	0.00	0.00	....	....	....	MH	....	....	....	....	....	....	....	....	....	....	....	....
3-1	3-2	0.00	0.00	0.00	0.00	0.00	....	....	....	MH	....	....	....	....	....	....	....	....	....	....	....	....
3-2	3-3	0.36	5.30	10.87	0.66	2.58	0	2.58	0	Dp-Curb	6	16	Sag	....	0.02	0.02	0.14	n/a	n/a	0.14	7.12	Sag
3-3	3-4	0.45	5.50	10.79	0.66	3.20	0	3.2	0	Dp-Curb	6	16	Sag	....	0.02	0.02	0.16	n/a	n/a	0.16	8.22	Sag
3-4	3-5	0.40	5.50	10.79	0.66	2.85	0	2.85	0	Dp-Curb	6	16	Sag	....	0.02	0.02	0.15	n/a	n/a	0.15	7.6	Sag
EX 40F	EX 42A	0.15	6.00	10.58	0.66	1.05	9.33	1.46	8.91	Curb	10	5	0.03	2	0.05	0.02	0.31	0.29	11.53	0.31	12.26	EX 40F
EX 42A	EX 42B	0.43	5.80	10.66	0.66	3.03	0	0.78	2.25	Curb	10	5	0.03	2	0.05	0.02	0.21	0.19	6.41	0.21	7.33	EX 40F
EX 42B	EX 42C	0.84	6.10	10.54	0.66	5.85	1.46	1.04	6.27	Curb	10	5	0.059	2	0.05	0.02	0.25	0.23	8.68	0.25	9.26	EX 40F
4-1	4-2	0.15	5.50	10.79	0.66	1.07	1.78	0.72	2.12	Curb	10	5	0.036	2	0.05	0.02	0.2	0.18	5.97	0.2	6.84	Offsite
4-2	4-3	0.36	6.40	10.43	0.66	2.48	0	0.7	1.78	Curb	10	5	0.03	2	0.05	0.02	0.19	0.17	5.73	0.19	6.7	4-2
4-3	4-4	0.33	5.20	10.91	0.66	2.38	0	0.69	1.69	Curb	10	5	0.03	2	0.05	0.02	0.19	0.17	5.59	0.19	6.57	5-1
4-2	5-1	0.87	5.80	10.66	0.66	6.12	1.69	1.21	6.6	Curb	10	5	0.036	2	0.05	0.02	0.27	0.26	9.83	0.27	10.54	Offsite

100 YEAR PIPE																						
D.S. Str.	U.S. Str.	LineLength (ft)	Incr.Area (ac)	TotalArea (ac)	RunoffCoeff. (C)	IncrC x A	TotalC x A	InletTime (min)	TimeConc (min)	RnfalInt (in/hr)	TotalRunoff (cfs)	TotalFlow (cfs)	CapacFull (cfs)	Veloc (ft/s)	PipeSize (in)	PipeSlope (%)	Inv ElevDn (ft)	Inv ElevUp (ft)	HGLDn (ft)	HGLUp (ft)	Grnd/RimDn (ft)	Grnd/RimUp (ft)
1-1	1-2	91.62	0.21	1.65	0.66	0.14	1.09	5.2	7.8	9.9	10.79	10.79	24.70	10.16	18	3.27	936.00	939.00	936.69	940.26	937.50	945.00
1-2	1-3	140.08	0.87	1.44	0.66	0.57	0.95	6.2	7.6	10	9.51	9.51	21.58	8.46	18	2.50	939.50	943.00	940.26	944.19	945.00	949.00
1-3	1-4	280.60	0.12	0.12	0.66	0.08	0.08	5.3	5.3	10.9	0.86	0.86	16.24	2.07	15	3.74	943.50	954.00	944.19	954.36	949.00	959.00
1-3	2-1	139.36	0.17	0.45	0.66	0.11	0.3	6	6.1	10.5	3.13	3.13	18.13	4.42	15	4.66	943.50	950.00	944.19	950.71	949.00	956.76
2-1	2-2	35.00	0.28	0.28	0.66	0.18	0.18	6	6	10.6	1.96	1.96	10.03	5.02	15	1.43	950.50	951.00	950.87	951.56	956.76	956.76
EX 40F	2-3	205.87	0.00	1.21	0	0	0.8	0	6.6	10.3	8.26	8.26	46.87	8.17	24	4.29	924.64	933.28	945.21	934.50	928.29	943.70
3-1	3-2	54.41	0.00	1.21	0	0	0.8	0	6.5	10.4	8.31	8.31	27.33	6.26	24	0.86	933.73	934.20	934.50	935.23	943.00	946.27
3-2	3-3	153.54	0.36	1.21	0.66	0.24	0.8	5.3	6.2	10.5	8.38	8.38	19.52	11.23	15	5.41	934.70	943.00	935.27	944.13	946.27	950.00
3-3	3-4	140.00	0.45	0.85	0.66	0.3	0.56	5.5	5.9	10.6	5.95	5.95	18.09	7.66	15	4.64	943.50	950.00	944.13	950.99	950.00	956.88
3-4	3-5	140.00	0.40	0.4	0.66	0.26	0.26	5.5	5.5	10.8	2.85	2.85	18.77	5.32	15	5.00	950.50	950.50	950.99	950.99	956.88	962.65
EX 40F	EX 42A	43.25	0.15	1.42	0.66	0.1	0.94	6	6.5	10.4	9.74	9.74	26.65	14.07	15	10.08	923.86	928.72	924.38	929.40	928.29	932.67
EX 42A	EX 42B	33.90	0.43	1.27	0.66	0.28	0.84	5.8	6.4	10.4	8.74	8.74	6.27	7.12	15	0.94	928.68	929.00	929.93	930.55	932.67	932.68
EX 42B	EX 42C	97.97	0.84	0.84	0.66	0.55	0.55	6.1	6.1	10.5	5.85	5.85	18.45	5.22	15	4.83	929.25	933.98	931.73	934.96	932.68	937.53
4-1	4-2	67.50	0.15	1.71	0.66	0.1	1.13	5.5	6.8	10.3	11.59	11.59	21.98	9.87	18	2.59	949.75	951.50	950.52	952.80	951.25	957.48
4-2	4-3	135.00	0.36	0.69	0.66	0.24	0.46	6.4	6.4	10.4	4.75	4.75	14.45	5.44	15	2.96	952.00	956.00	952.80	956.88	957.48	962.04
4-3	4-4	71.46	0.33	0.33	0.66	0.22	0.22	5.2	5.2	10.9	2.38	2.38	14.90	5.70	15	3.15	956.50	958.75	956.88	959.37	962.04	963.90
4-2	5-1	35.00	0.87	0.87	0.66	0.57	0.57	5.8	5.8	10.7	6.12	6.12	10.03	6.62	15	1.43	952.00	952.50	952.80	953.50	957.48	957.48

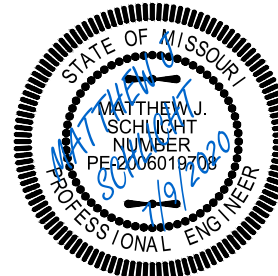


GENERAL NOTE:
1 - ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL AS ADOPTED BY ORDINANCE 5813.

THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri

Project: VILLAS OF CHAPEL RIDGE, LSMO
Issue Date: April 10, 2020

Construction Details
Construction Plans for:
THE TOWNHOMES OF CHAPEL RIDGE-2ND PLAT
LOTS 9-19 & TRACTS A-D
Lee's Summit, Jackson County, Missouri



Matthew J. Schlicht
MO PE 2006019708
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