

UTILITIES  
Electric Service  
Evergy  
Nathan Michael  
913-347-4310  
Nathan.michael@evergy.com

Gas Service  
Spire  
Bobbie Saulsberry  
816-969-2266  
bobbie.saulsberry@spireenergy.com

Water/Sanitary Sewer  
Water Utilities Department  
1200 SE Hamblen Road  
Lee's Summit, Mo 64081  
Jeff Thorn  
816-969-1900  
jeff.thorn@cityofls.net

Street and Storm  
City of Lee's Summit Public Works Dept  
220 SE Green  
Lee's Summit, MO 64063  
816-969-1800

Communication Service  
AT&T Carrie Cilke  
816-703-4386  
cc3527@att.com

Time Warner Cable  
Steve Baxter  
913-643-1928  
steve.baxter@charter.com

Comcast  
Ryan Alkire  
816-795-2218  
ryan.alkire@cable.comcast.com

Google Fiber  
Becky Davis  
913-725-8745  
rebeccadavis@google.com

UTILITY STATEMENT:

THE UNDERGROUND UTILITIES SHOWN HEREON ARE FROM FIELD SURVEY INFORMATION OF ONE-CALL LOCATED UTILITIES, FIELD SURVEY INFORMATION OF ABOVE GROUND OBSERVABLE EVIDENCE, AND/OR THE SCALING AND PLOTTING OF EXISTING UTILITY MAPS AND DRAWINGS AVAILABLE TO THE SURVEYOR AT THE TIME OF SURVEY. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. FURTHERMORE, THE SURVEYOR DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES BY EXCAVATION UNLESS OTHERWISE NOTED ON THIS SURVEY.

SAFETY NOTICE TO CONTRACTOR  
IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICE, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

WARRANTY/DISCLAIMER

THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENEDED BY THE OWNER AT THIS TIME. HOWEVER, NEITHER SM ENGINEERING NOR ITS PERSONNEL CAN OR DO WARRANTY THESE DESIGNS OR PLANS AS CONSTRUCTED, EXCEPT IN THE SPECIFIC CASES WHERE SM ENGINEERING PERSONNEL INSPECT AND CONTROL THE PHYSICAL CONSTRUCTION ON A CONTEMPORARY BASIS AT THE SITE.

CAUTION- NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH PROPOSED IMPROVEMENTS SHOWN ON THE PLANS. THE CONTRACTOR SHALL EXPOSE EXISTING UTILITIES AT LOCATIONS OF POSSIBLE CONFLICTS PRIOR TO ANY CONSTRUCTION.



# ARBORIDGE DRIVE PUBLIC STREET AND STORM PLANS FOR ARBOR WALK WEST LEE'S SUMMIT



AS-BUILTS 4-14-25

RECORD DRAWING

The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and is solely based on information provided by others.

"300-00 100.10", "4.00% 1.15% slope", "8-inch HDPE PVC pipe" or text that is blue in color are all typical examples of revisions that indicate that design data has been replaced with "as-built" information. All other data is as designed and has not been field verified.

Date: 4-1-25  
Certified by: Samuel D. Malinowsky  
Title: Owner  
Firm: SM Engineering

FLOODPLAIN NOTE:

SUBJECT PROPERTY IS SHOWN TO BE LOCATED IN "OTHER AREAS ZONE X" ON THE FLOOD INSURANCE RATE MAP FOR JACKSON COUNTY, MISSOURI AND INCORPORATED AREAS. COMMUNITY PANEL NO. 29095C0531G, REVISED JANUARY 20, 2017. "OTHER AREAS ZONE X" IS DEFINED AS "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUL CHANCE FLOODPLAIN". LOCATION DETERMINED BY A SCALED GRAPHICAL PLOT OF THE FLOOD INSURANCE RATE MAP.

INDEX OF SHEETS

- C-1 COVER SHEET
- C-2 EXISTING CONDITIONS
- C-3 EXISTING CONDITIONS
- C-4 DEMOLITION PLAN
- C-5 LAYOUT PLAN
- C-6 GRADING PLAN
- C-7 STORM LINE A PLAN AND PROFILE
- C-8 STORM LINE B PLAN AND PROFILE
- C-9 EROSION CONTROL PLAN
- C-10 EROSION CONTROL DETAILS
- C-11 DETAILS
- C-12 DETAILS
- C-13 DETAILS
- C-14 TRAFFIC CONTROL
- C-15 TRAFFIC CONTROL DETAILS

DEVELOPER

CHRISTIE DEVELOPMENT ASSOCIATES LLC 7217 W  
110TH STREET  
OVERLAND PARK, KS 66210  
CONTACT: GARRETT FUGATE  
PHONE: 913.649.4500  
EMAIL: GARRET@CHRISTIEDEV.COM

ENGINEER

SM ENGINEERING  
SAM MALINOWSKY  
5507 HIGH MEADOW CIRCLE  
MANHATTAN KANSAS, 66503  
SMCIVILENGR@GMAIL.COM  
785.341.9747

SURVEYOR

SCHMIDT, BECK & BOYD  
ENGINEERING, LLC  
1415 SW TOPEKA BOULEVARD  
TOPEKA, KANSAS 66612  
PH: (785) 215-8630 / WWW.SBBENG.COM



SAMUEL D. MALINOWSKY  
PROFESSIONAL ENGINEER

SM Engineering  
5507 High Meadow Circle  
Manhattan Kansas, 66503  
smcivilengr@gmail.com  
785.341.9747

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Revisions  
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5-14-24 STORM LINE A  
7-12-24 SIDEWALK  
4-14-25 AS BUILTS

ARBORIDGE DRIVE  
IMPROVEMENTS  
LEE'S SUMMIT, MO.

s h e e t  
C1.0  
Civil  
COVER SHEET  
permit  
18 JULY 2023







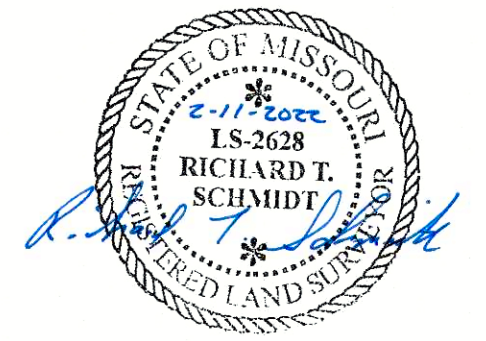
**Match Line See Sheet 1**

**CERTIFICATION**  
CASEY'S MARKETING COMPANY AND  
CHICAGO TITLE INSURANCE COMPANY

*This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2021 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes Items 1, 2, 3, 4, 5, 6(a), 8, 11 and 13 of Table A thereof. The field work was completed on January 5, 2022.*

Date of Plat or Map: February 11, 2022

**RICHARD T. SCHMIDT, P.S. 2628**  
SBB Engineering, LLC  
101 South Kansas Avenue  
Topeka, Kansas 66603  
email: rick.schmidt@sbbeng.com  
Corporate LS 2015034874



Rev.	By	Date	Description

Casey's Marketing Company  
One SE Convenience Boulevard  
Ankeny, Iowa 50021

**SBB Engineering, LLC**  
transportation • site development • surveying



**SBB**  
ENGINEERING

ALTA/NSPS LAND TITLE SURVEY

Northwest Corner Of Highway 150  
And Arboridge Drive  
Lee Summit, Missouri 64081

SBB Proj. No.:	21-288
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Drawn by: JEM

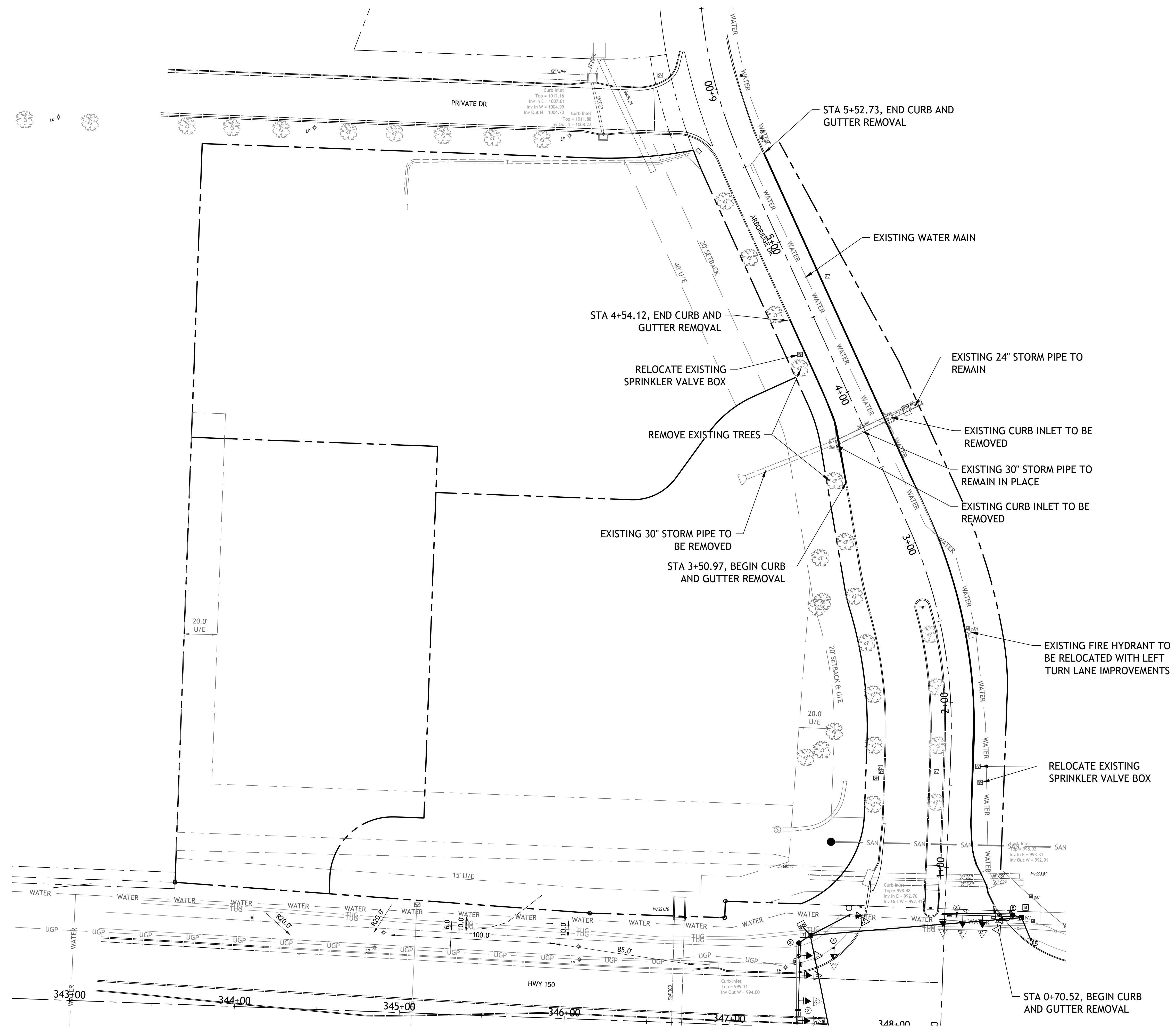
Checked by:	RS
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Date: 2/11/2022

Drawing No.:

Sh. 2 of 2





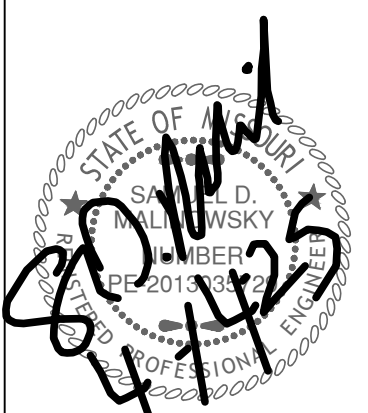
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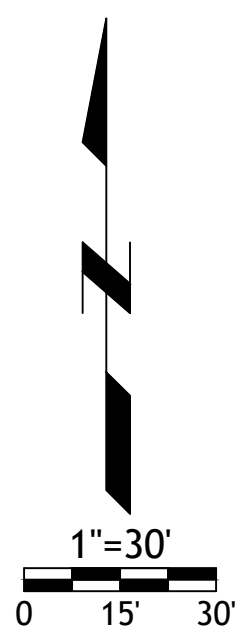
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Firm: SM Engineering

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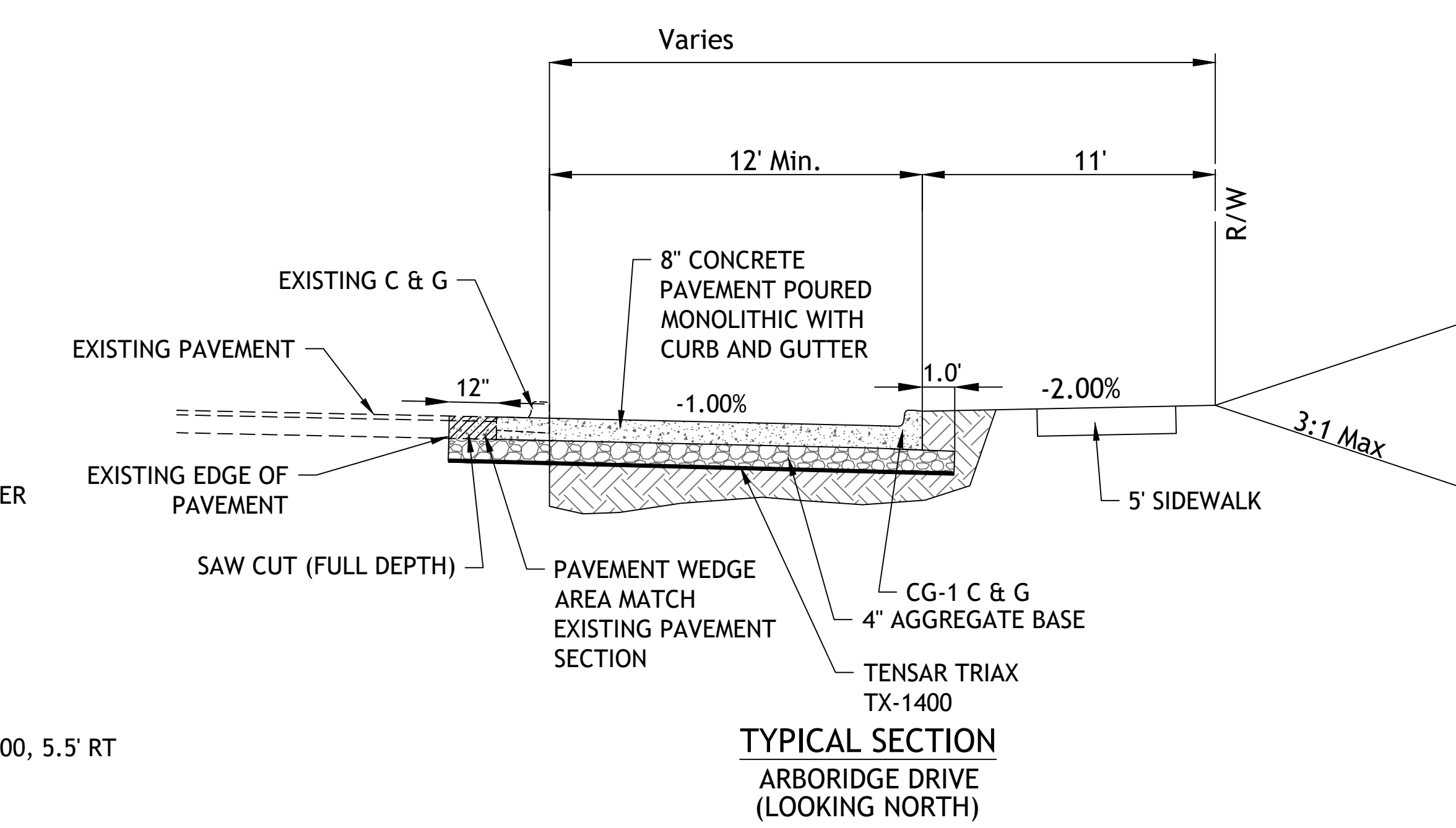
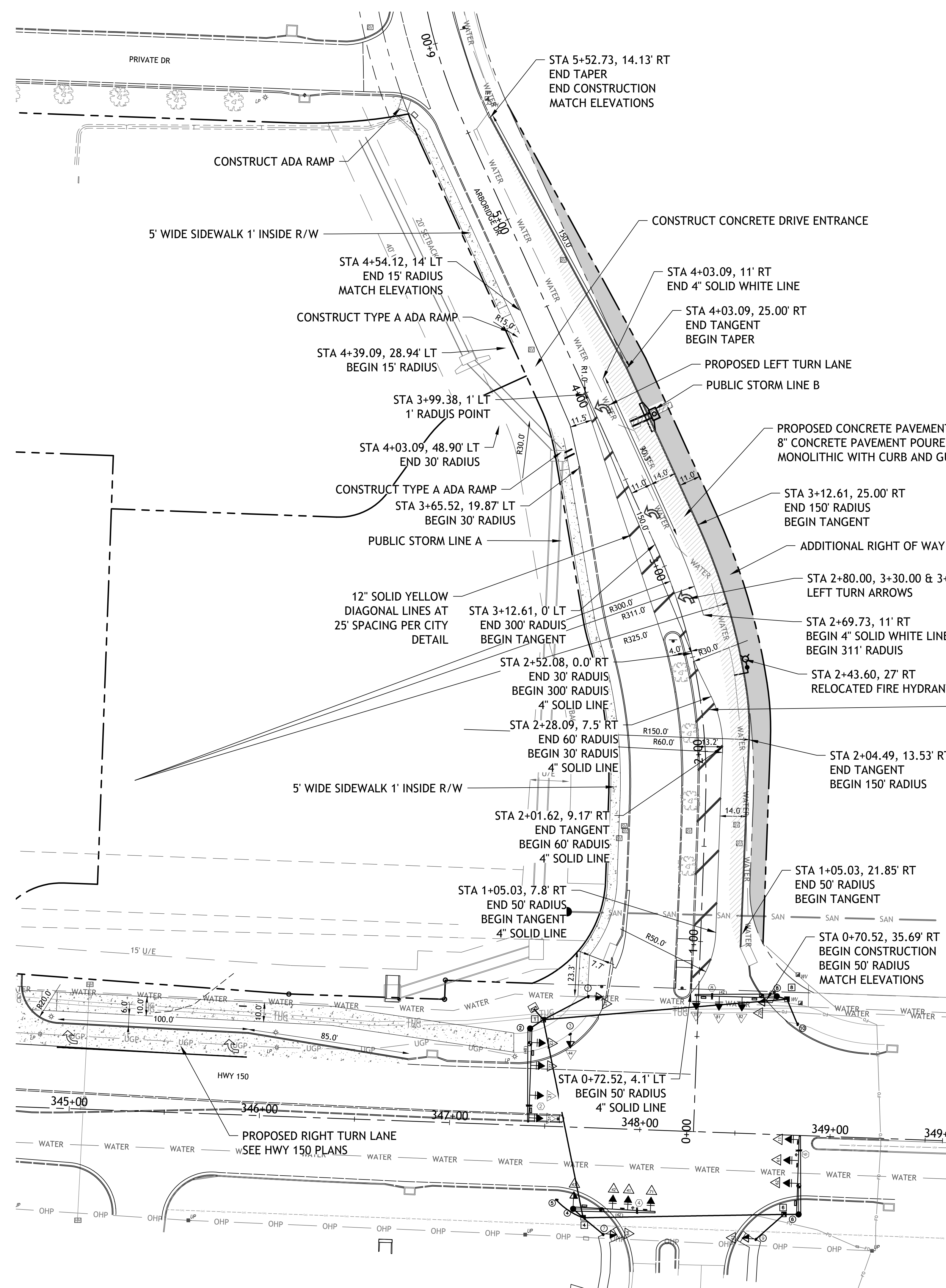


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  - 4-14-25 AS BUILT

ARBORIDGE DRIVE  
IMPROVEMENTS  
LEES SUMMITT, MO.







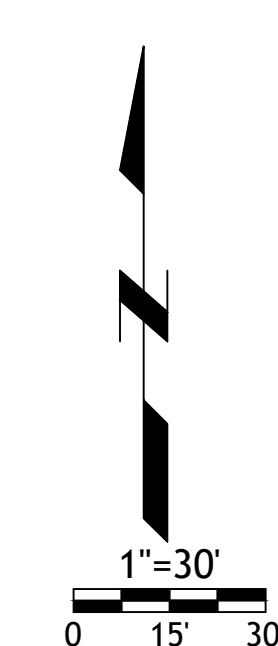
- NOTE
- TURN ARROWS SHALL BE PRE-FORMED THERMOPLASTIC PER CITY SPECIFICATIONS
  - LONGITUDINAL STRIPING MATERIAL SHALL BE HIGH BUILD PAINT PER CITY OF LEE'S SUMMIT SPECIFICATIONS

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**SM E**  
5507 High Meadow Circle  
Manhattan Kansas, 66503  
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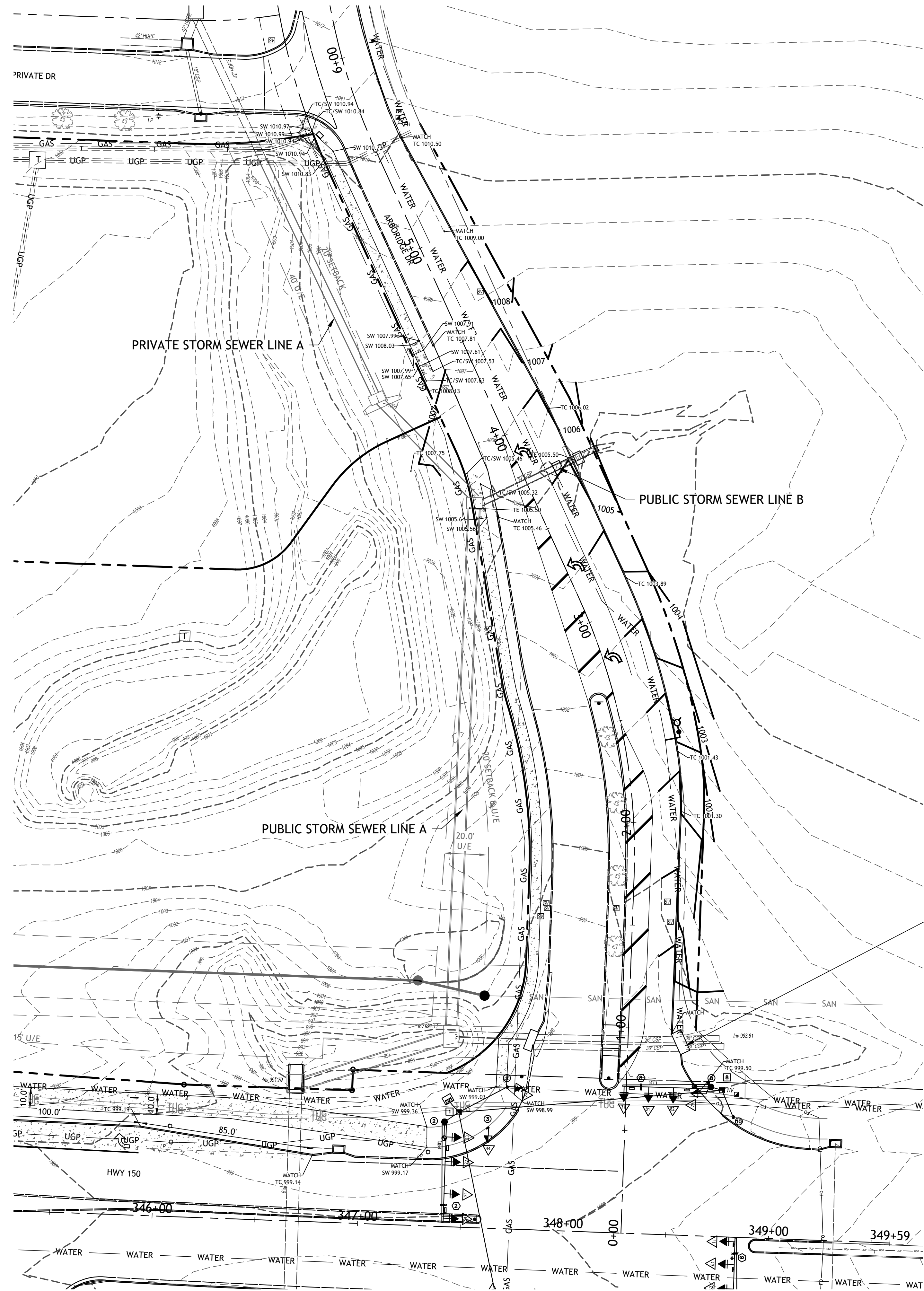
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ARBORIDGE DRIVE  
IMPROVEMENTS  
LEES SUMMIT, MO.

sheet  
**C5.0**  
Civil  
OVERALL LAYOUT  
permit  
18 JULY 2023





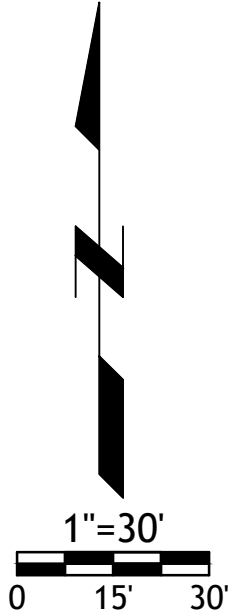
STORM SEWER IMPROVEMENTS ARE PER RAIN TREE VILLAGE PUBLIC STORM SEWER PLANS. COORDINATE CONSTRUCTION WITH RAIN TREE VILLAGE CONTRACTOR.

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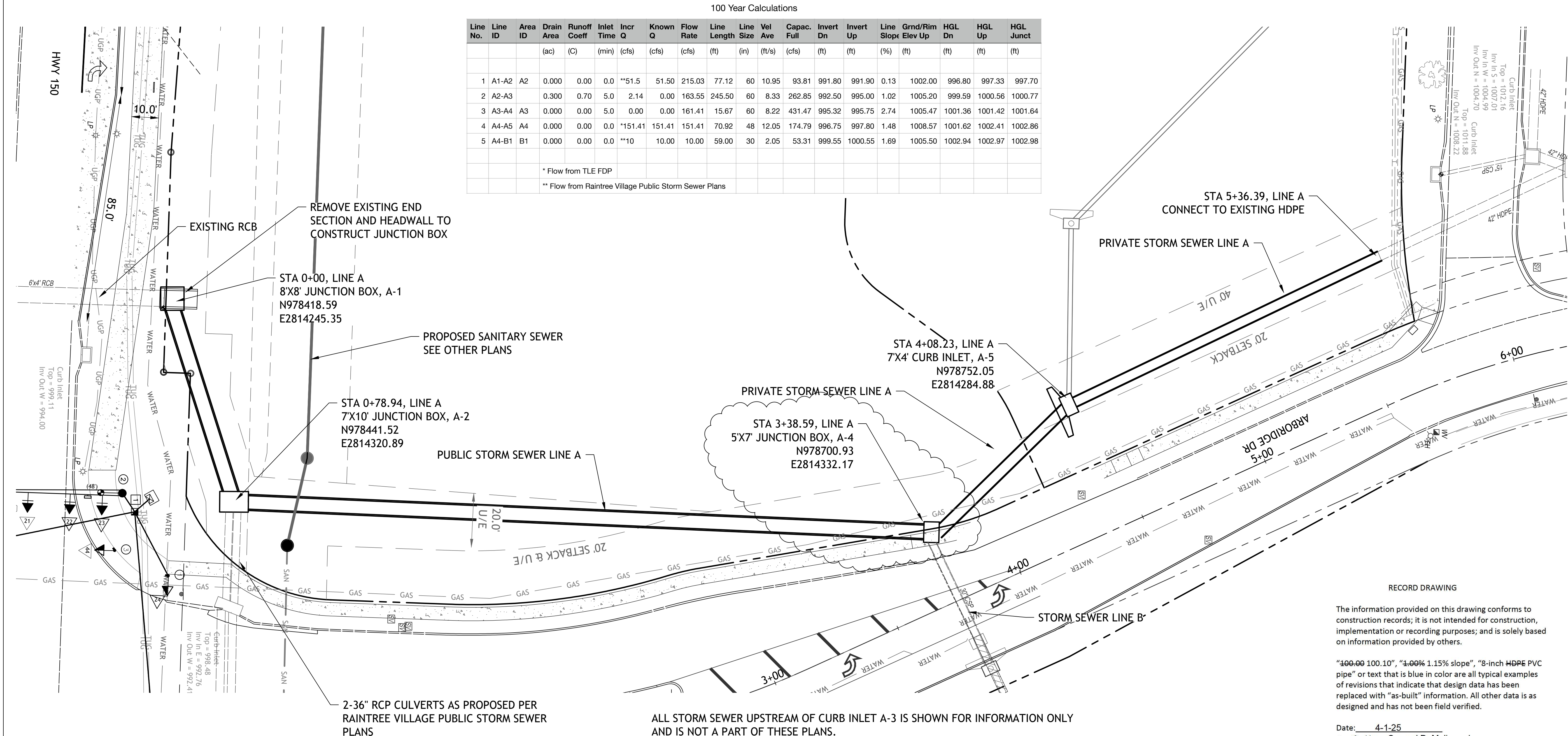
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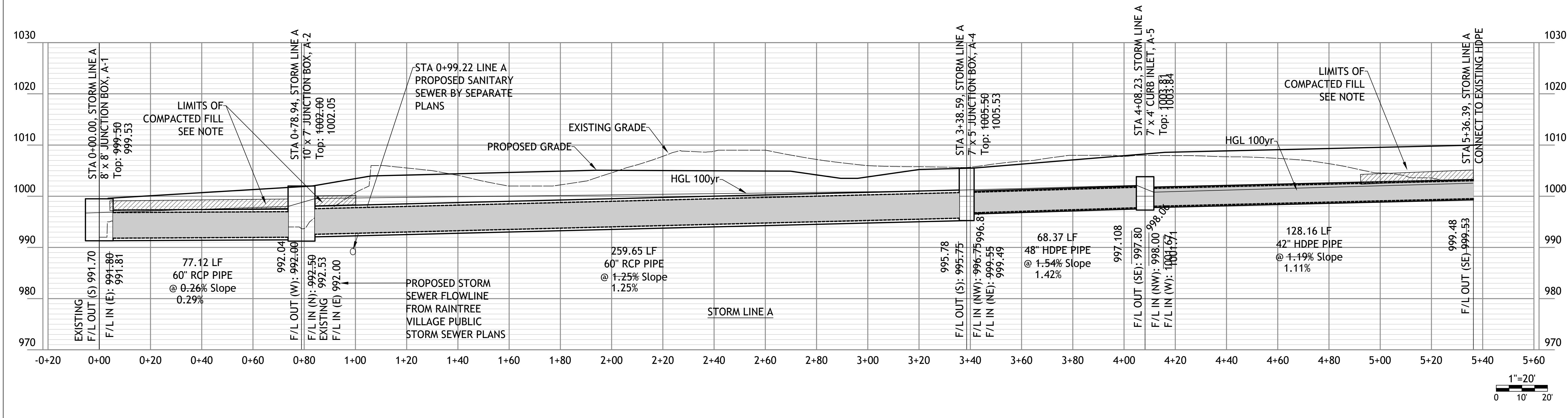
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ARBORIDGE DRIVE  
IMPROVEMENTS  
LEES SUMMITT, MO.





100 Year Calculations																			
Line No.	Line ID	Area ID	Drain Area	Runoff Coeff	Inlet Time	Incr Q	Known Q	Flow Rate	Line Length	Line Size	Vel Ave	Capac. Full	Invert Dn	Invert Up	Line Slope	Grnd/Rim Elev	HGL Dn	HGL Up	HGL Junct
			(ac)	(C)	(min)	(cfs)	(cfs)	(cfs)	(ft)	(in)	(ft/s)	(cfs)	(ft)	(ft)	(%)	(ft)	(ft)	(ft)	(ft)
1	A1-A2	A2	0.000	0.00	0.0	**51.5	51.50	215.03	77.12	60	10.95	93.81	991.80	991.90	0.13	1002.00	996.80	997.33	997.70
2	A2-A3	A3	0.300	0.70	5.0	2.14	0.00	163.55	245.50	60	8.33	262.85	992.50	995.00	1.02	1005.20	999.59	1000.56	1000.77
3	A3-A4	A4	0.000	0.00	5.0	0.00	0.00	161.41	15.67	60	8.22	431.47	995.32	995.75	2.74	1005.47	1001.36	1001.42	1001.64
4	A4-A5	A4	0.000	0.00	0.0	*151.41	151.41	151.41	70.92	48	12.05	174.79	996.75	997.80	1.48	1008.57	1001.62	1002.41	1002.86
5	A4-B1	B1	0.000	0.00	0.0	**10	10.00	10.00	59.00	30	2.05	53.31	999.55	1000.55	1.69	1005.50	1002.94	1002.97	1002.98
			* Flow from TLE FDP																
			** Flow from Raintree Village Public Storm Sewer Plans																



SM Engineering

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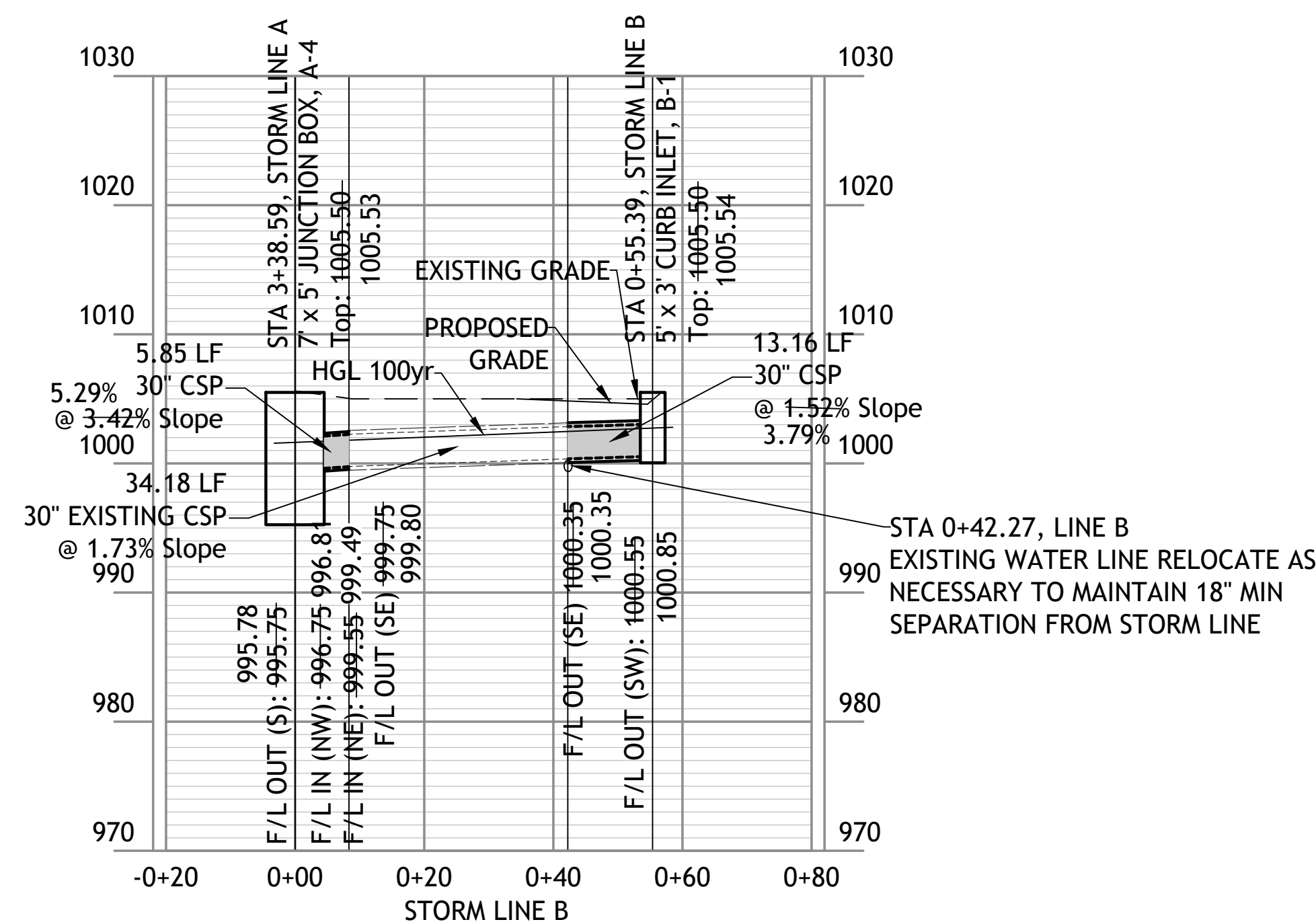
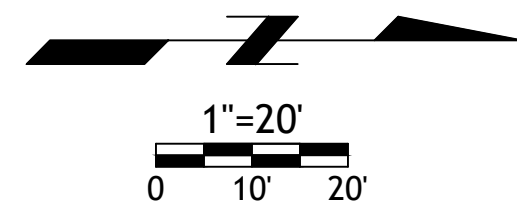
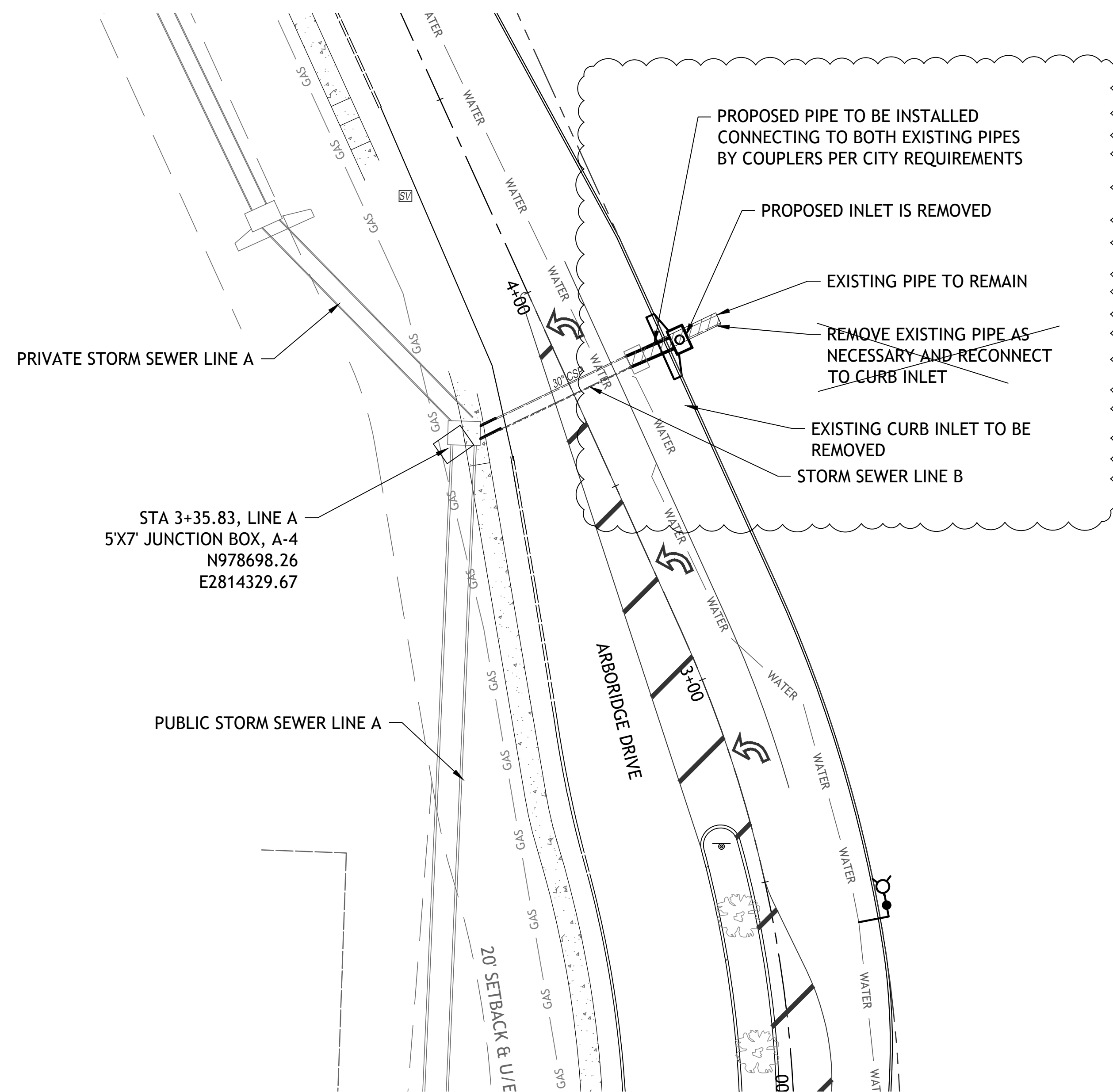
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ARBORIDGE DRIVE  
IMPROVEMENTS  
LEES SUMMITT, MO.

sheet  
C7.0  
Civil  
STORM LINE A  
PLAN AND PROFILE  
18 JULY 2023



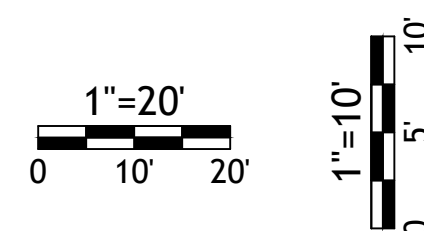


RECORD DRAWING

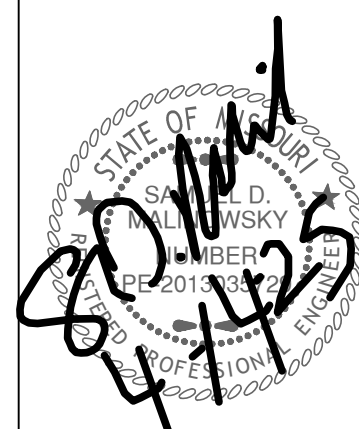
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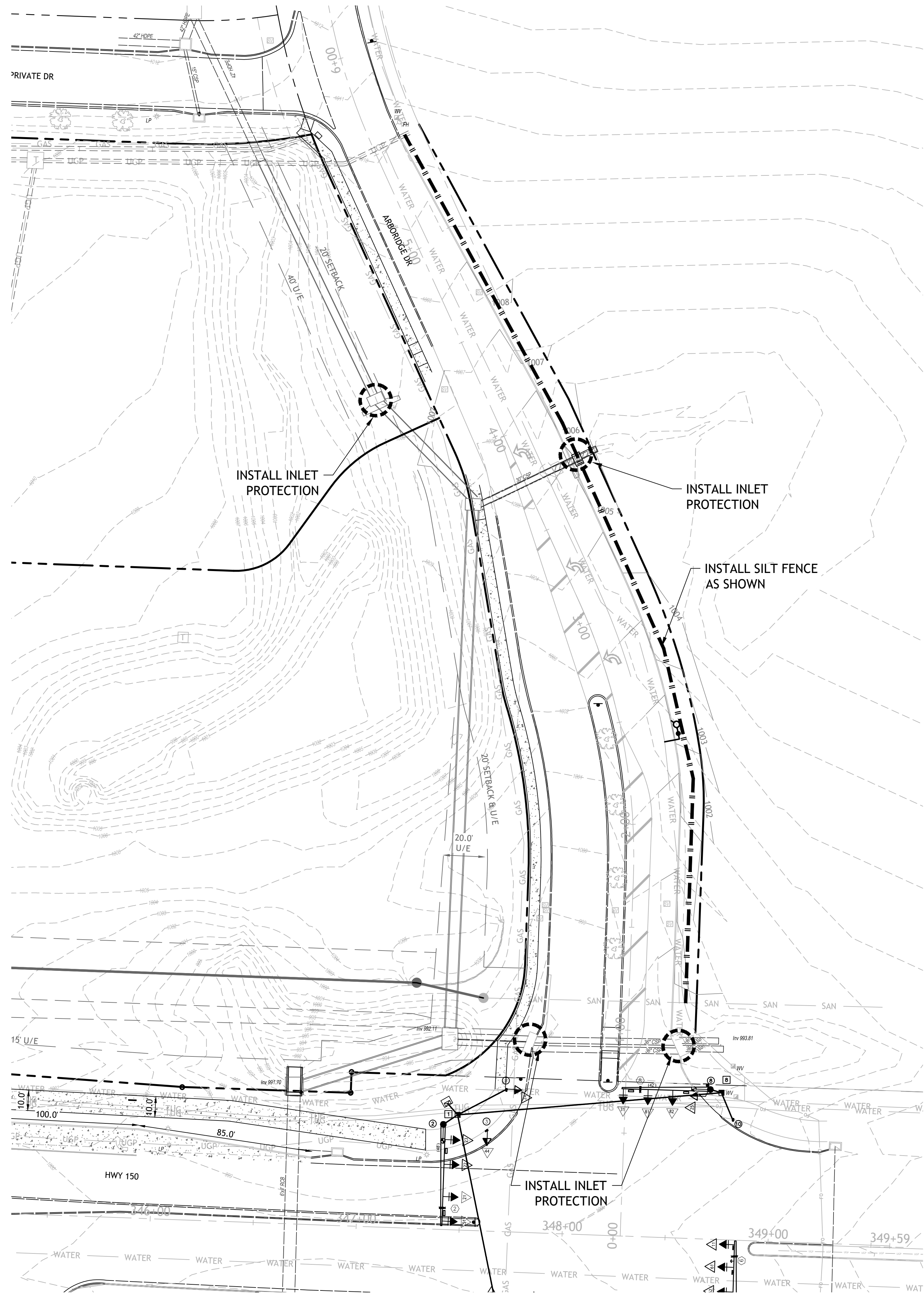
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ARBORIDGE DRIVE  
IMPROVEMENTS  
LEES SUMMITT, MO.





NOTES:

1. Prior to Land Disturbance activities, the following shall occur:

a) Identify the limits of construction on the ground with easily recognizable indications such as construction staking, construction fencing and placement of physical barriers or other means acceptable to the City Inspector and in conformance with the erosion and pollution control plan;

b) Construct a stabilized entrance/parking/staging area;

c) Install perimeter controls and protect any existing stormwater inlets;

d) Request an initial inspection of the installed Phase I pollution control measures designated on the approved erosion and pollution control plan. Land disturbance work shall not proceed until there is a passed inspection

2. The site shall comply with all requirements of the MoDNR general requirements

a) Immediate initiation of temporary stabilization BMPs on disturbed areas where construction activities have temporarily ceased on that portion of the project site if construction activities will not resume for a period exceeding 14 calendar days. Temporary stabilization may include establishment of vegetation, geotextiles, mulches or other techniques to reduce or eliminate erosion until either final stabilization can be achieved or until further construction activities take place to re-disturb the area. This stabilization must be completed within 14 calendar days;

b) Inspection of erosion and sediment control measures shall be performed to meet or exceed the minimum inspection frequency in the MoDNR General Permit. At a minimum, inspections shall be performed during all phases of construction at least once every 14 days and within 24 hours of each precipitation event.

c) An inspection log shall be maintained and shall be available for review by the regulatory authority;

d) The erosion and pollution control plan shall be routinely updated to show all modifications and amendments to the original plan. A copy of the erosion and pollution control plan shall be kept on site and made available for review by the regulatory authority.

3. Temporary seeding shall only be used for periods not to exceed 12 months. For final stabilization, temporary seeding shall only be used to establish vegetation outside the permanent seeding or sodding dates as specified in the Standard Specifications. Final stabilization requires a uniform perennial vegetative cover with a density of 70% over 100% of disturbed area.

4. Erosion and pollution control shall be provided for the duration of a project. All installed erosion and pollution control BMPs shall be maintained in a manner that preserves their effectiveness. If the City determines that the BMPs in place do not provide adequate erosion and pollution control at any time during the project, additional or alternate measures that provide effective control shall be required.

5. Concrete wash or rinse water from concrete mixing equipment, Tools and/or ready-mix trucks, etc. may not be discharged into or be allowed to run to any existing water body or portion of the storm water system. One or more locations for concrete washout will be designated on site, such that discharges during concrete washout will be contained in a small area where waste concrete can solidify in place. Proper signage will be installed to direct users to the concrete washout. Concrete washouts must be handled prior to pouring any concrete.

6. Silt fences and sediment control BMPs which are shown along the back of curb must be installed within two weeks of curb backfill and prior to placement of base asphalt. Exact locations of these erosion control methods may be field adjusted to minimize conflicts with utility construction. However, anticipated disturbance by utility construction shall not delay installation.

7. Required sediment basins and traps shall be installed as early as possible during mass grading. Sediment basins and traps shall be cleaned out when the sediment capacity has been reduced by 20% of its original design volume.

8. All manufactured BMPs such as erosion control blankets, TRMs, biodegradable logs, filter socks, synthetic sediment barriers and hydraulic erosion control shall be installed as directed by the manufacturer.

9. The above requirements are the responsibility of the permittee for the site. Responsibility may be transferred to another party by the permittee, but the permittee shall remain liable by the City of Lee's Summit if any of the above conditions are not met.

EROSION CONTROL NOTES

1. PROTECT ALL STORM INLETS AND DRAINAGE CONVEYANCE FROM CONSTRUCTION DEBRIS AND SEDIMENT
2. DO NOT WASH CONCRETE TRUCKS INTO THE STORM SYSTEM.
3. DO NOT ALLOW SEDIMENT TO LEAVE CONSTRUCTION SITE.
4. KEEP ALL ROADS FREE FROM CONSTRUCTION DEBRIS AND SEDIMENT.

LEGEND

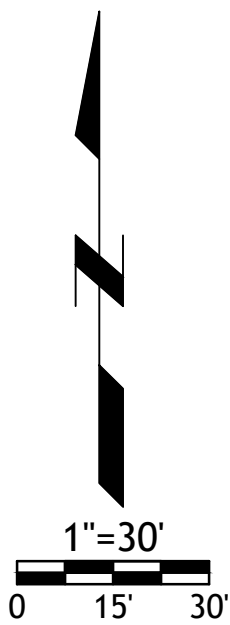
- ||— SILT FENCE
- INLET PROTECTION

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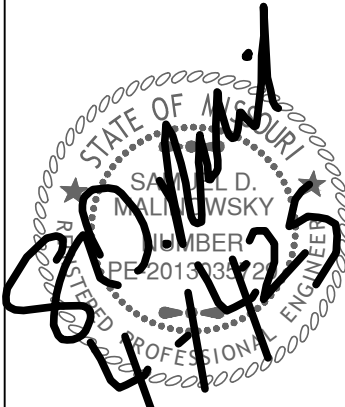
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ARBORIDGE DRIVE  
IMPROVEMENTS

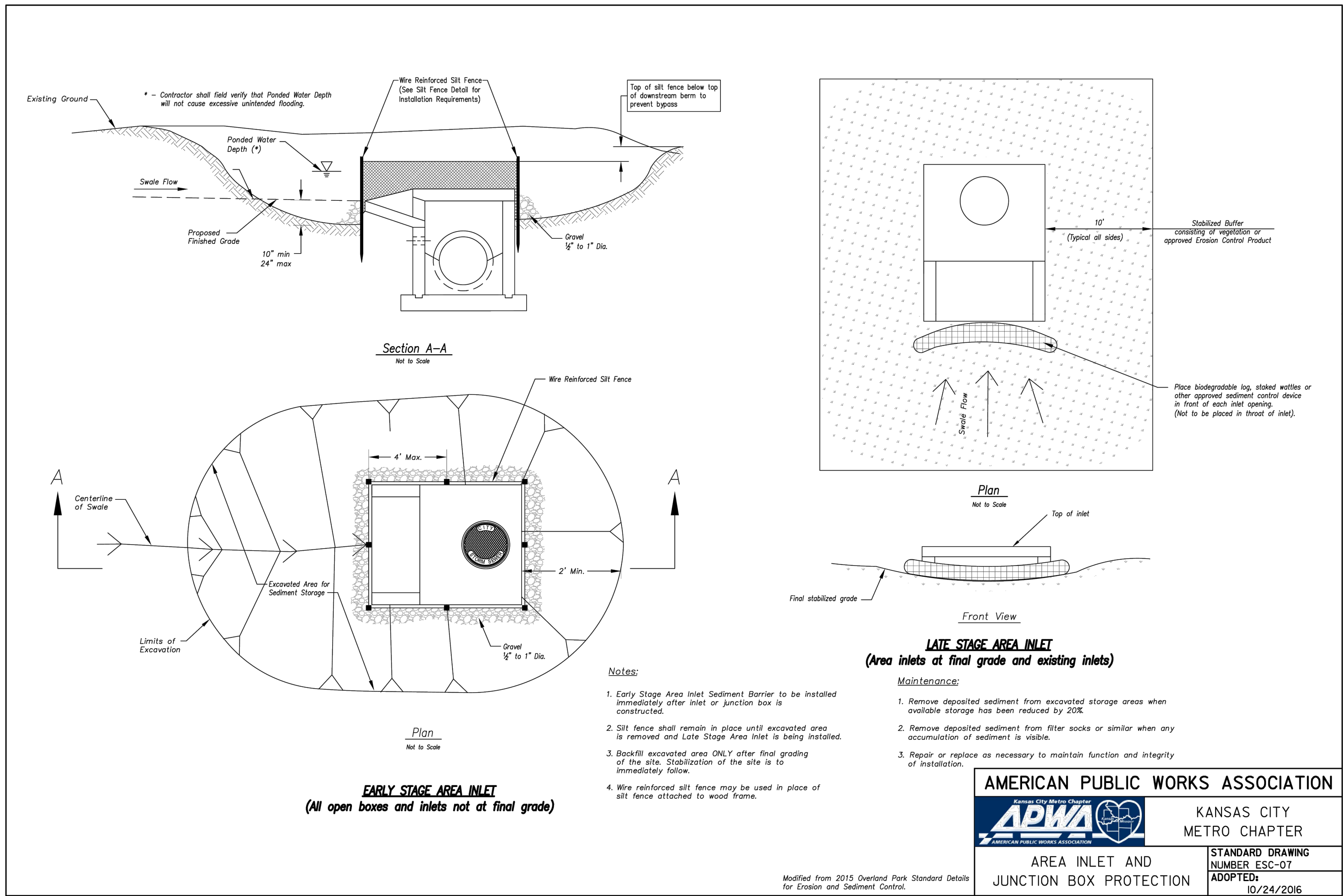
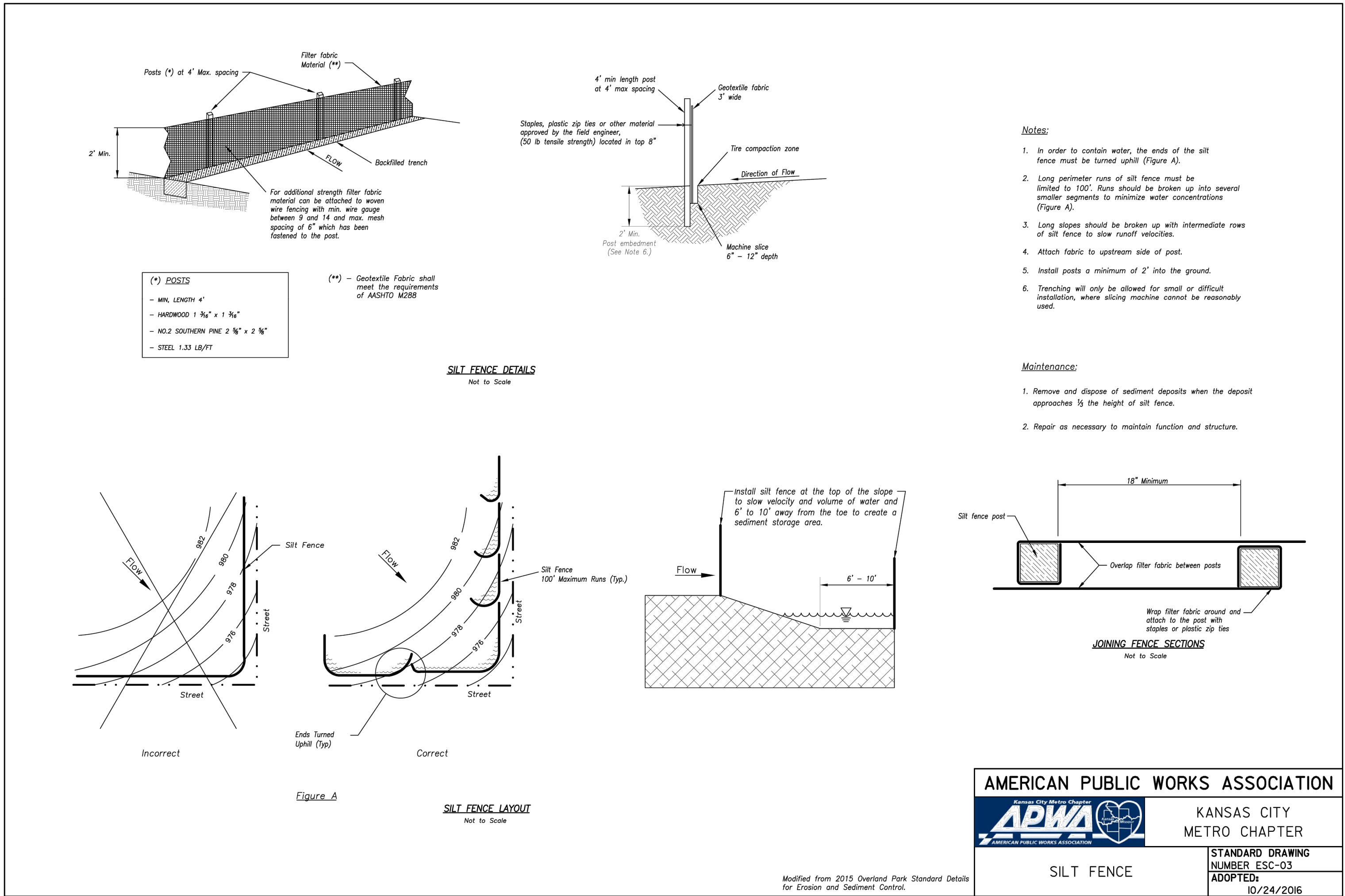
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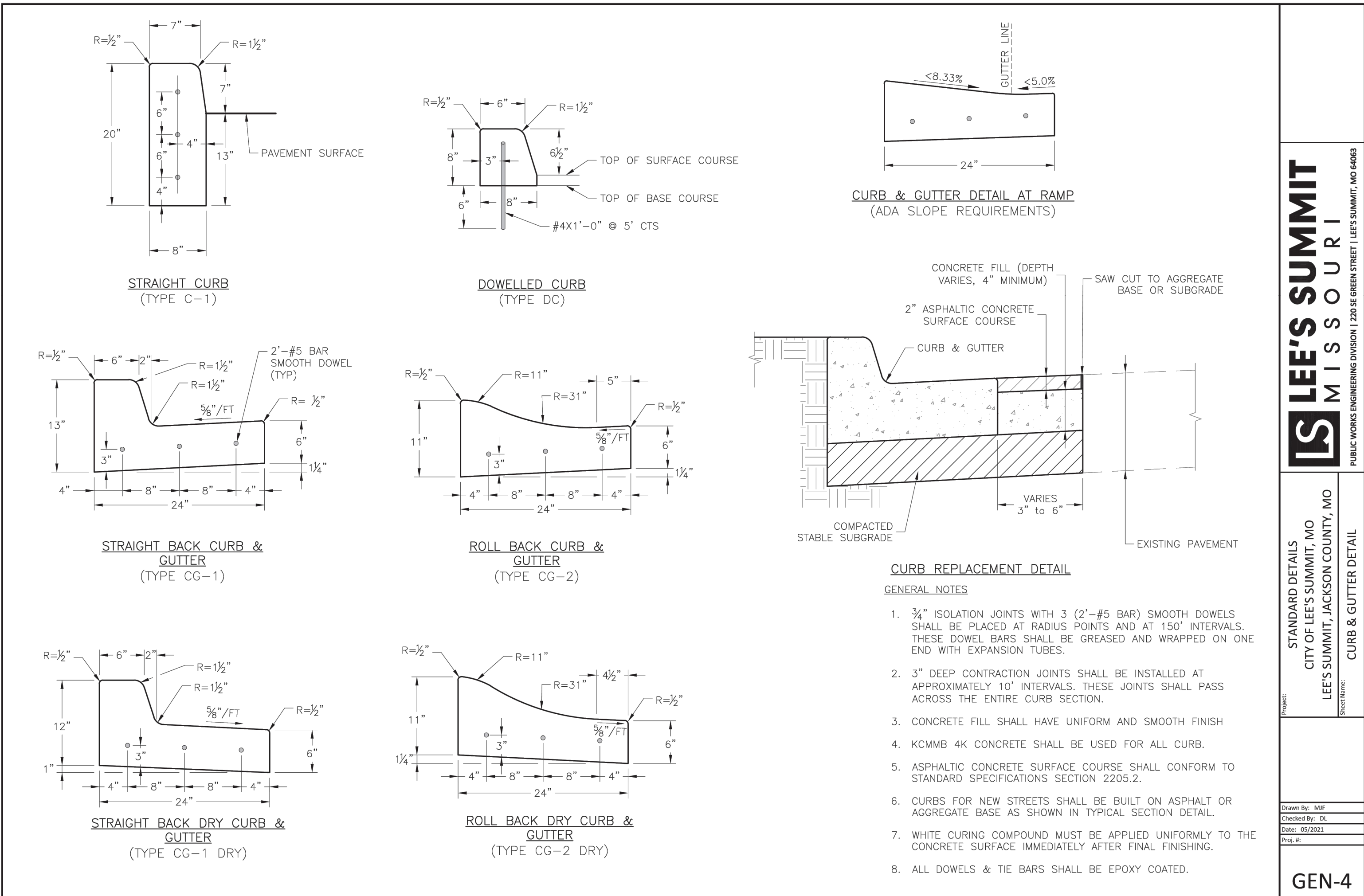
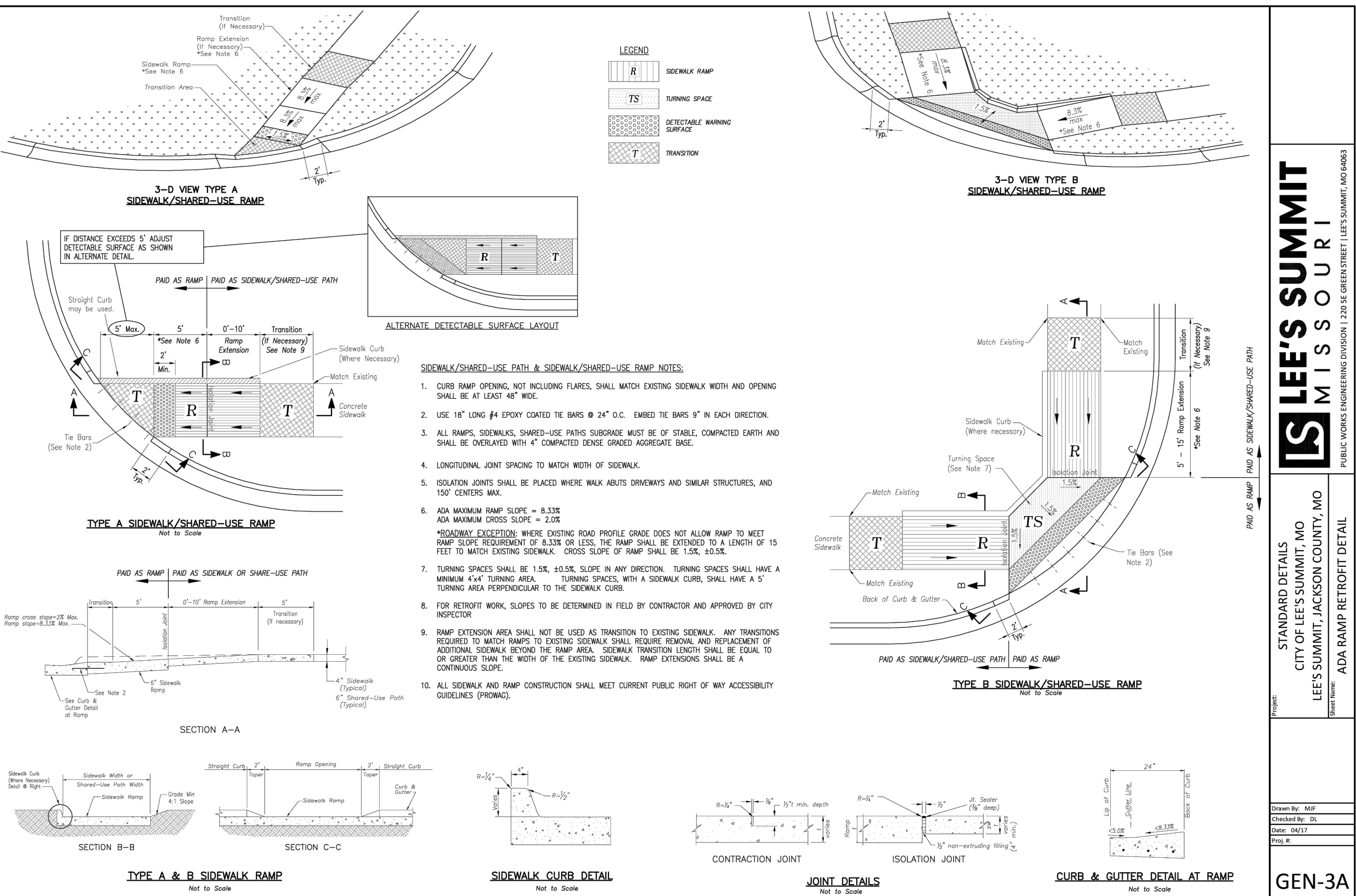
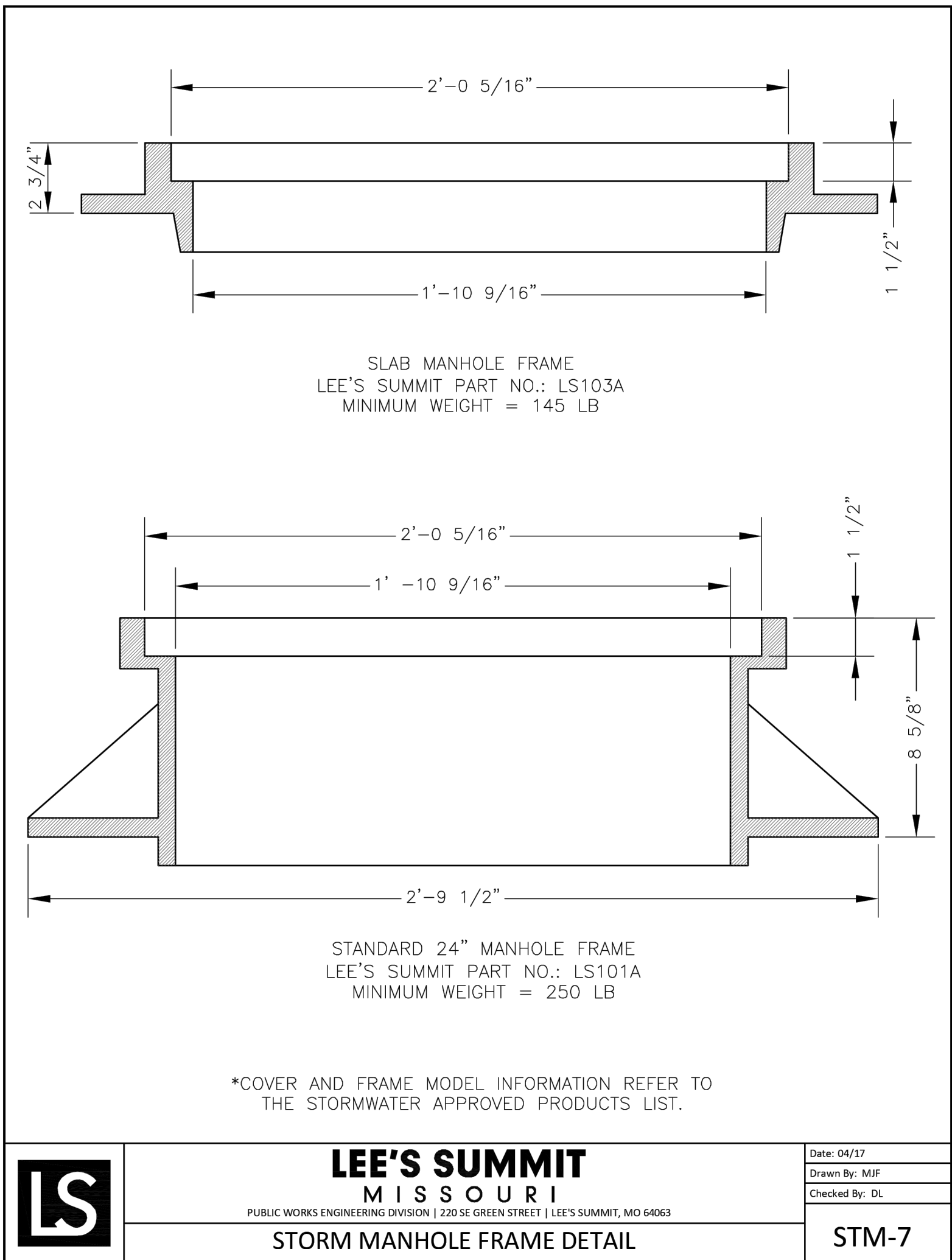
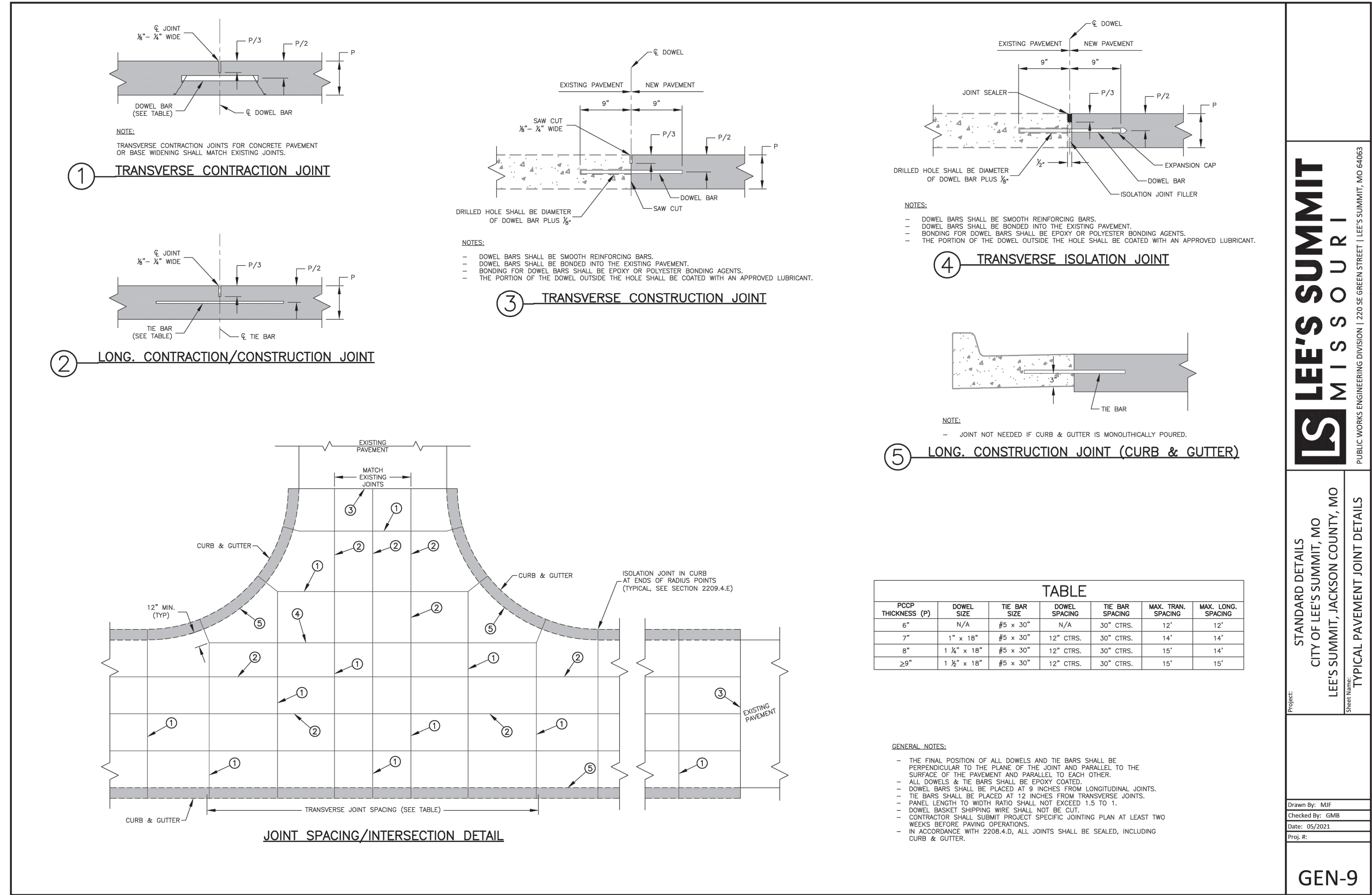
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Certified by: Samuel D. Malinowski  
Title: Owner  
Firm: SM Engineering

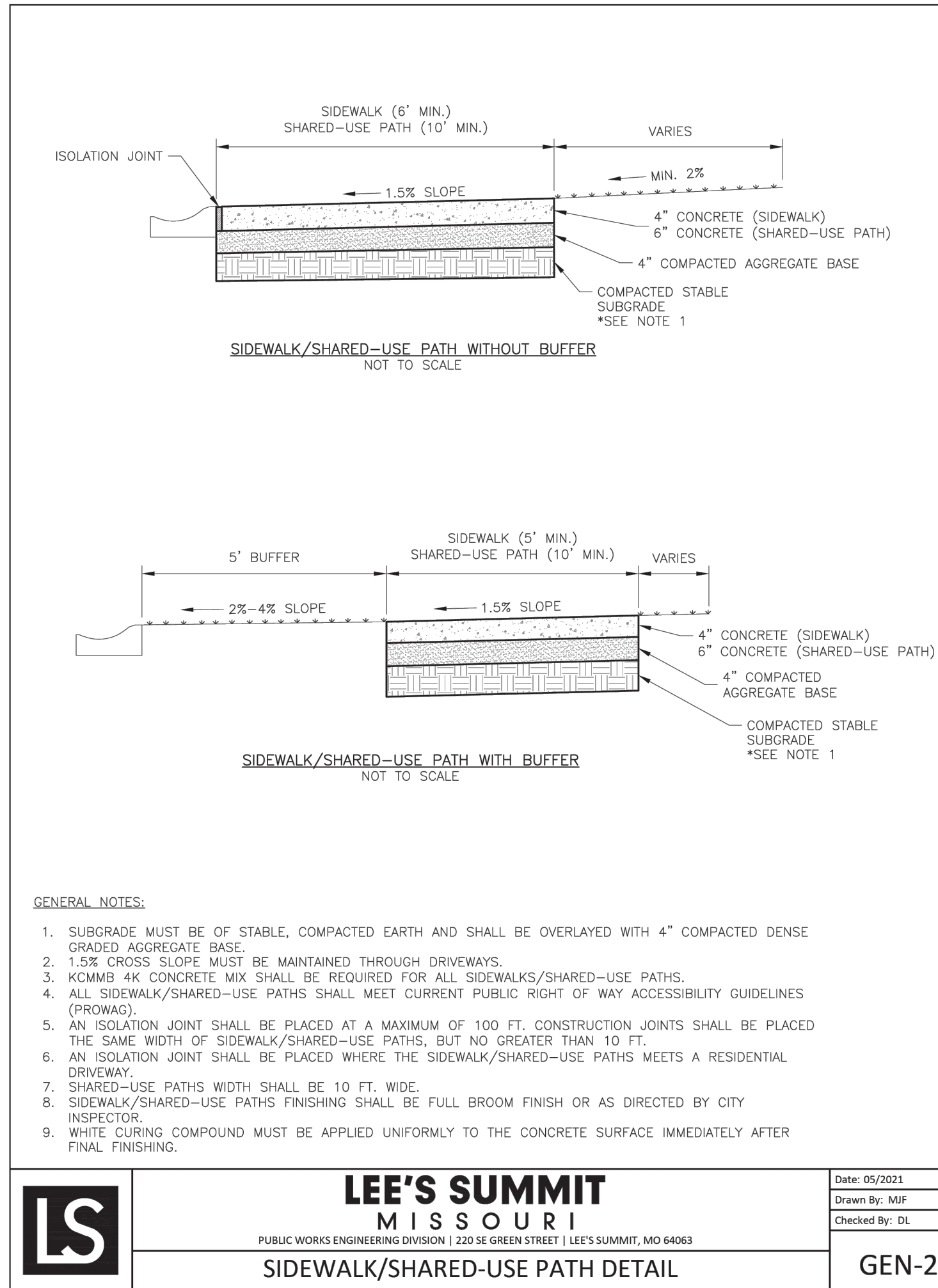
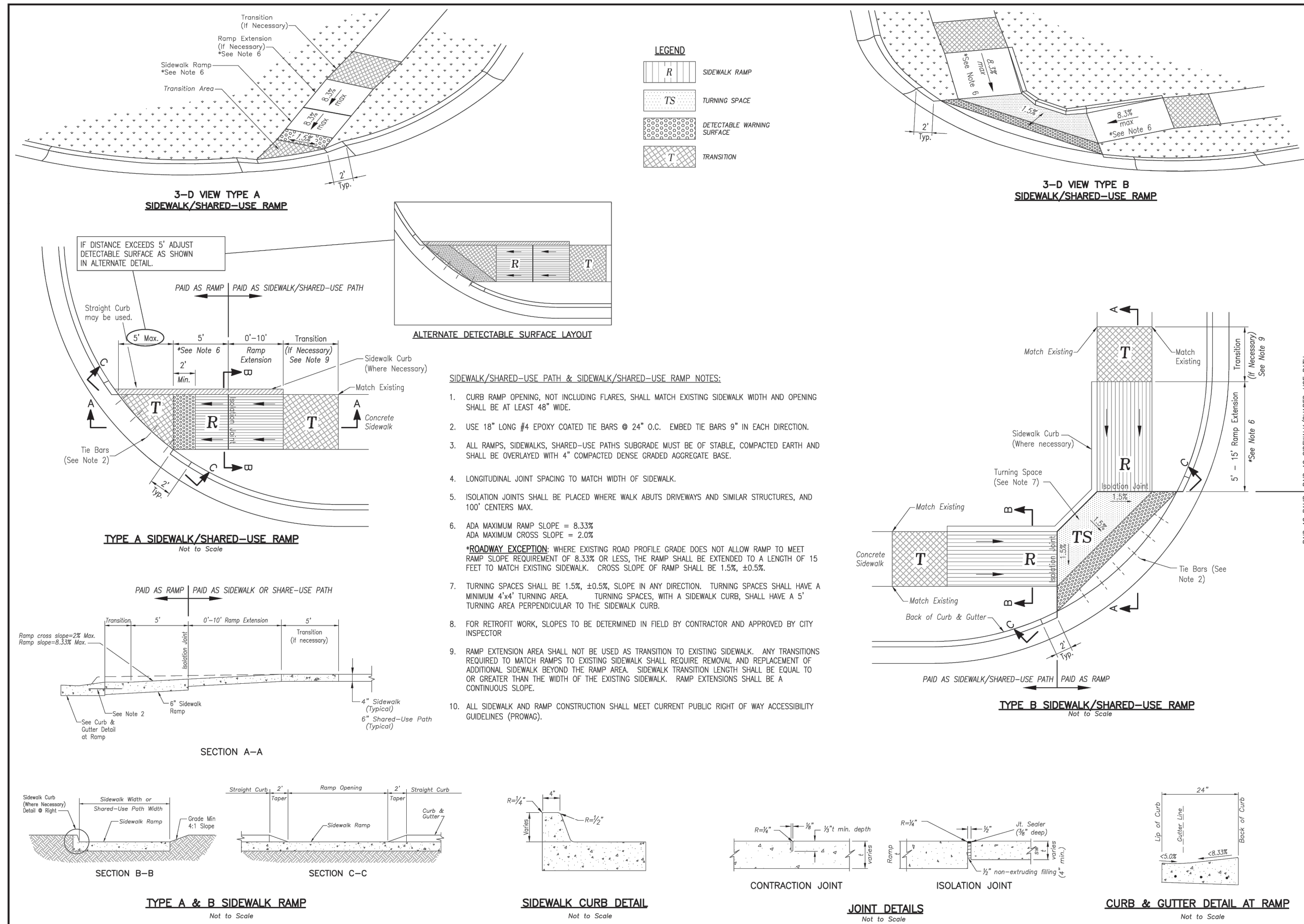
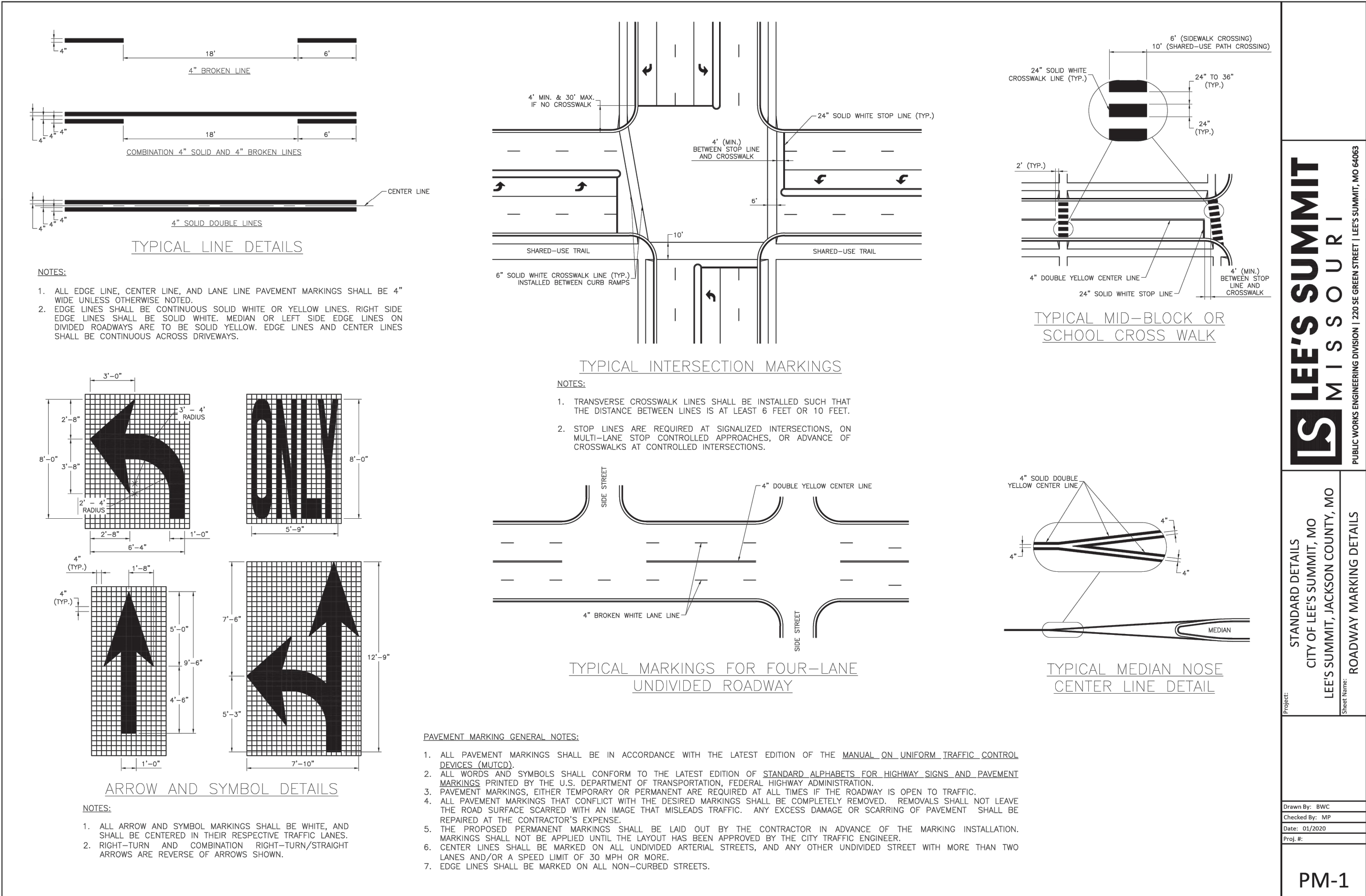
ARBORIDGE DRIVE  
IMPROVEMENTS  
LEES SUMMITT, MO.

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C10.0  
Civil  
EROSION DETAILS  
permit  
18 JULY 2023







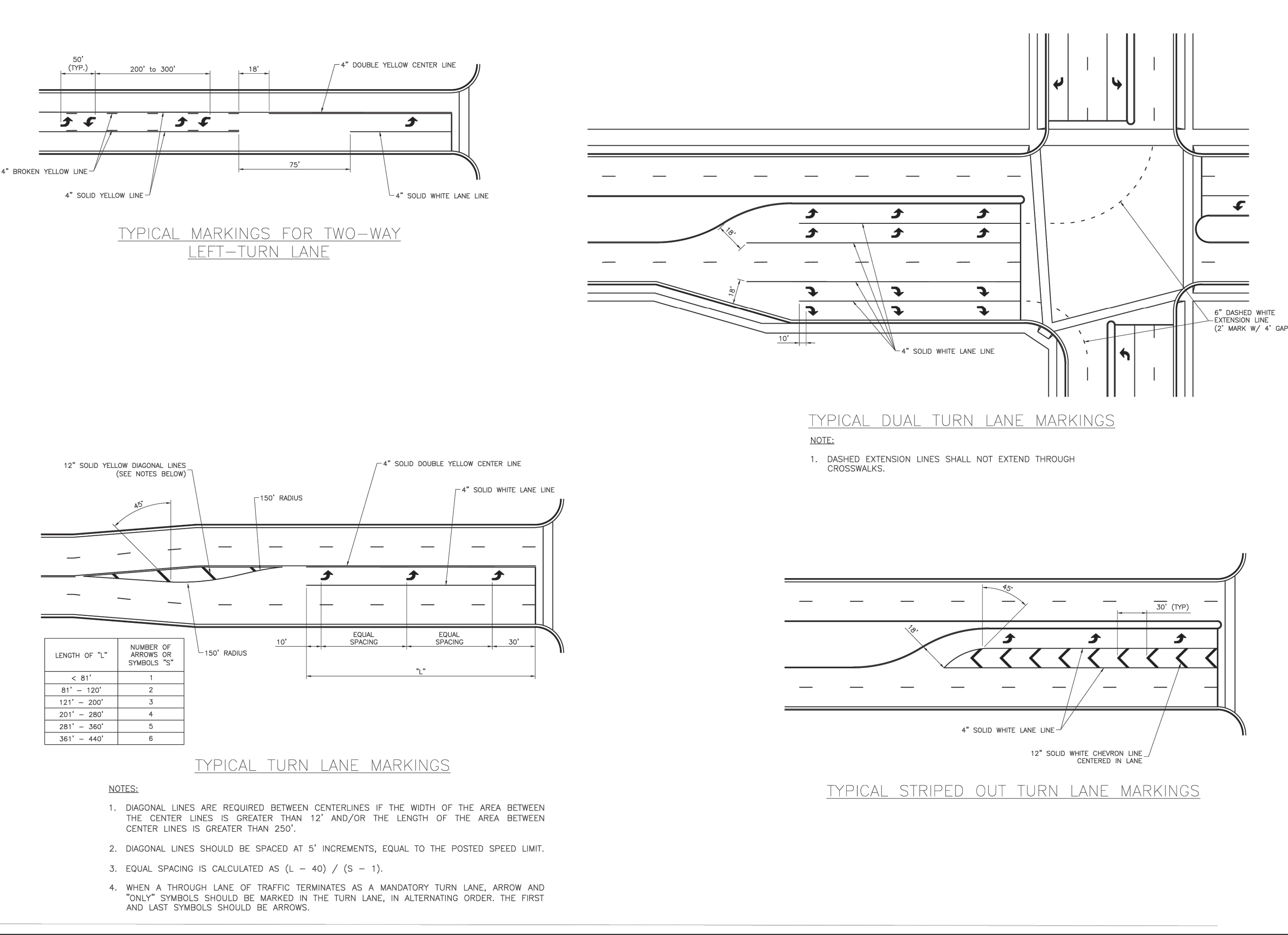


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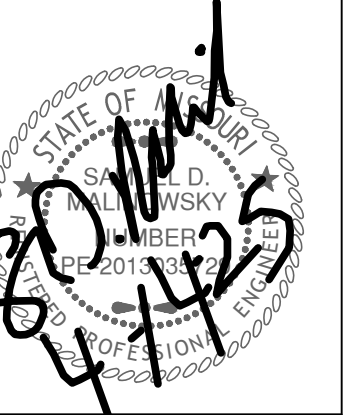
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5-14-24 STORM LINE A  
7-12-24 SIDEWALK  
4-14-25 AS BUILTS

# ARBORIDGE DRIVE IMPROVEMENTS

LEES SUMMIT, MO.

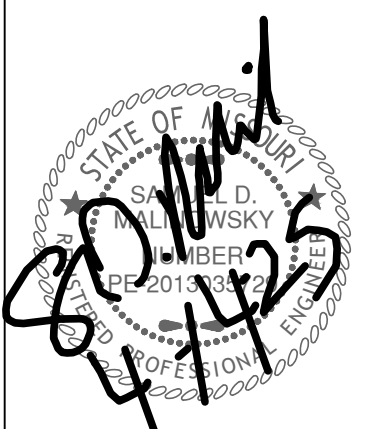


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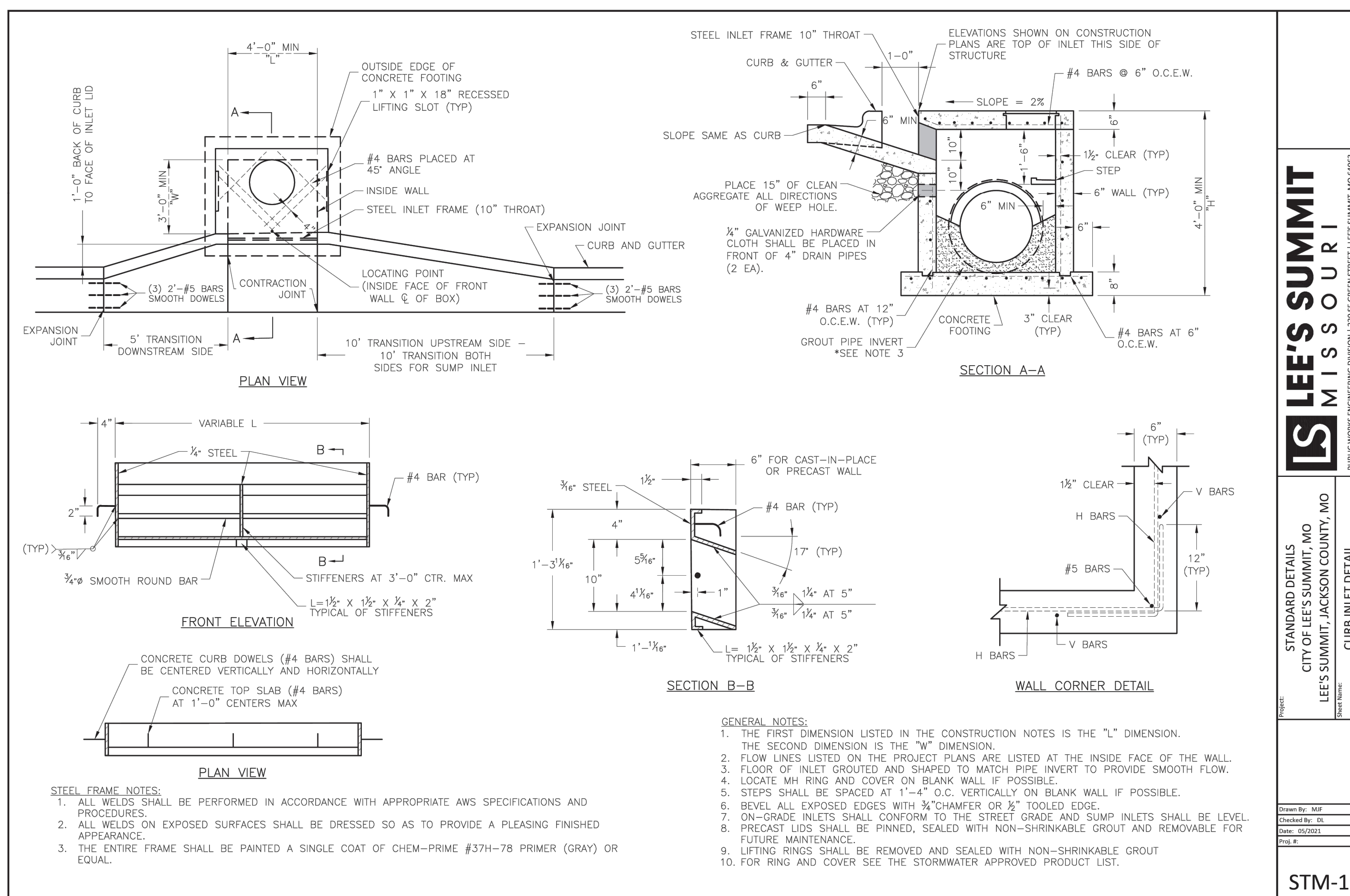
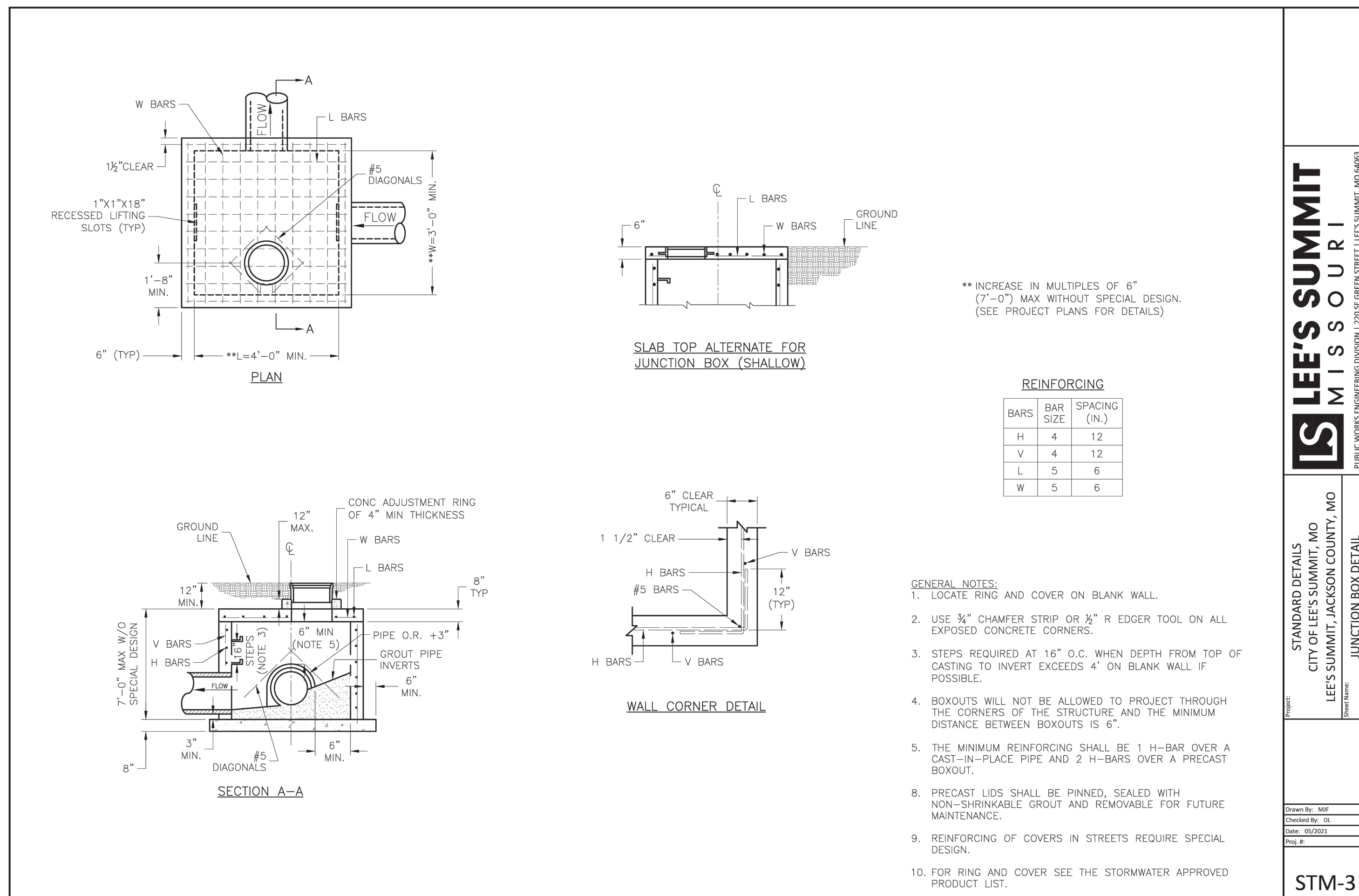
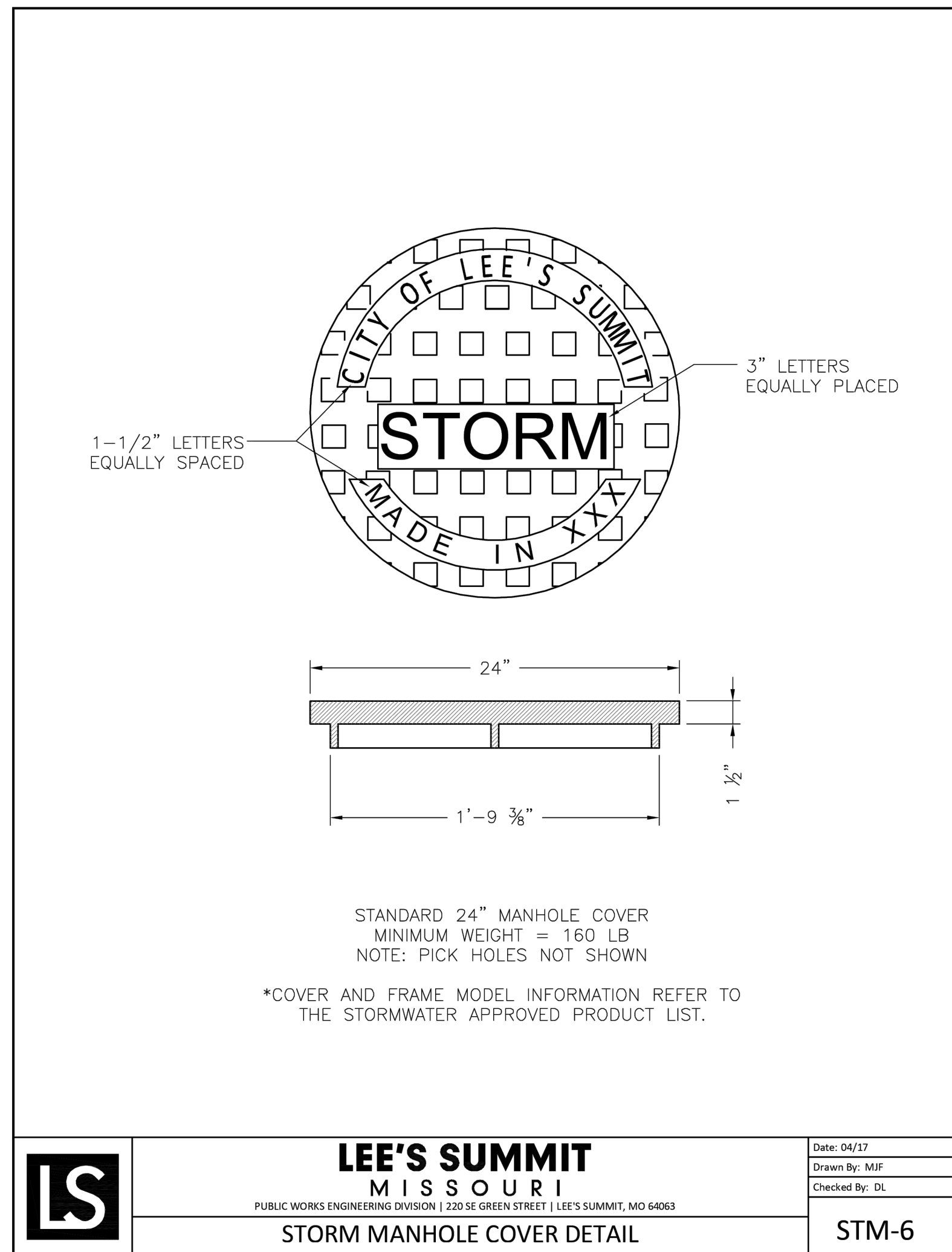
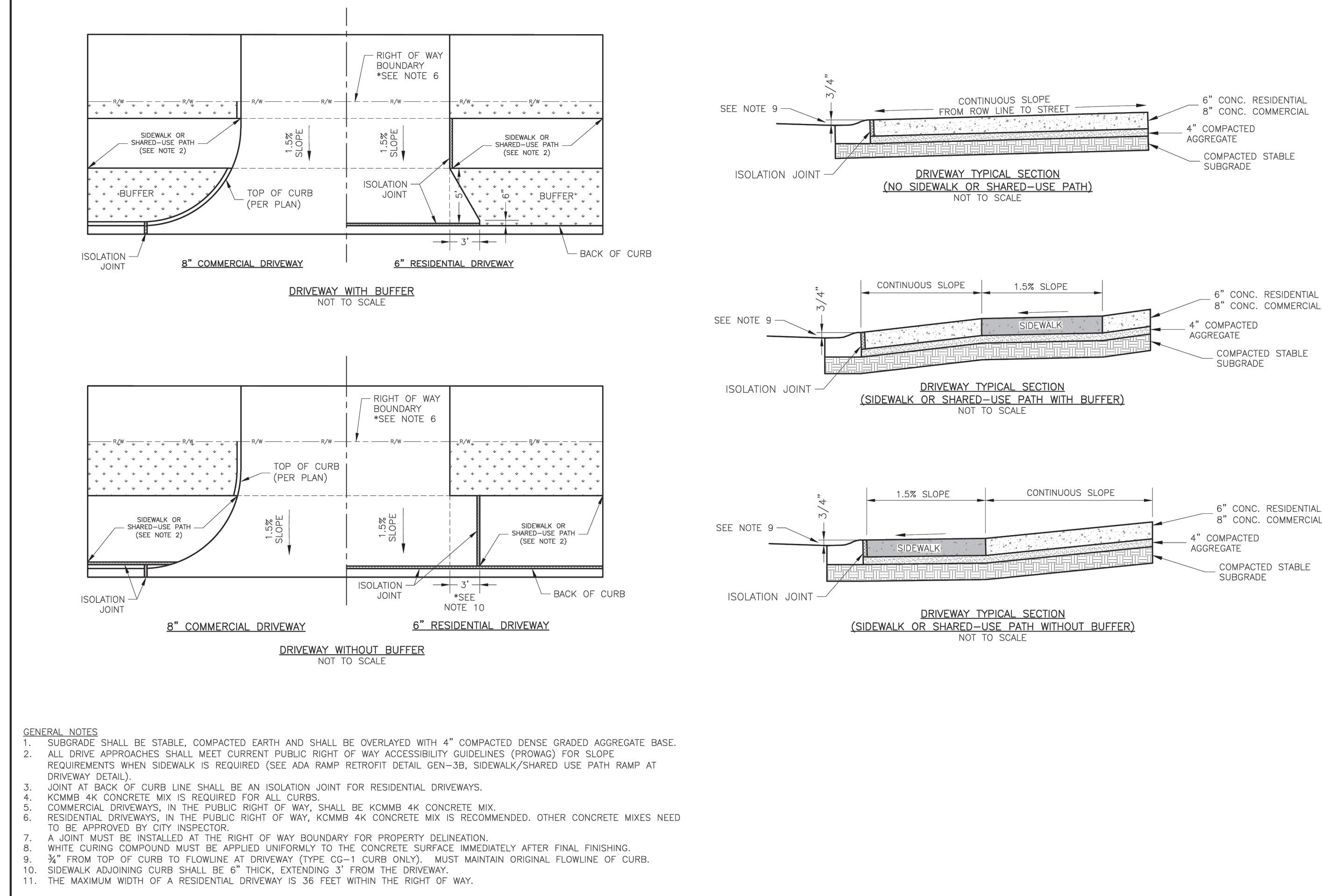
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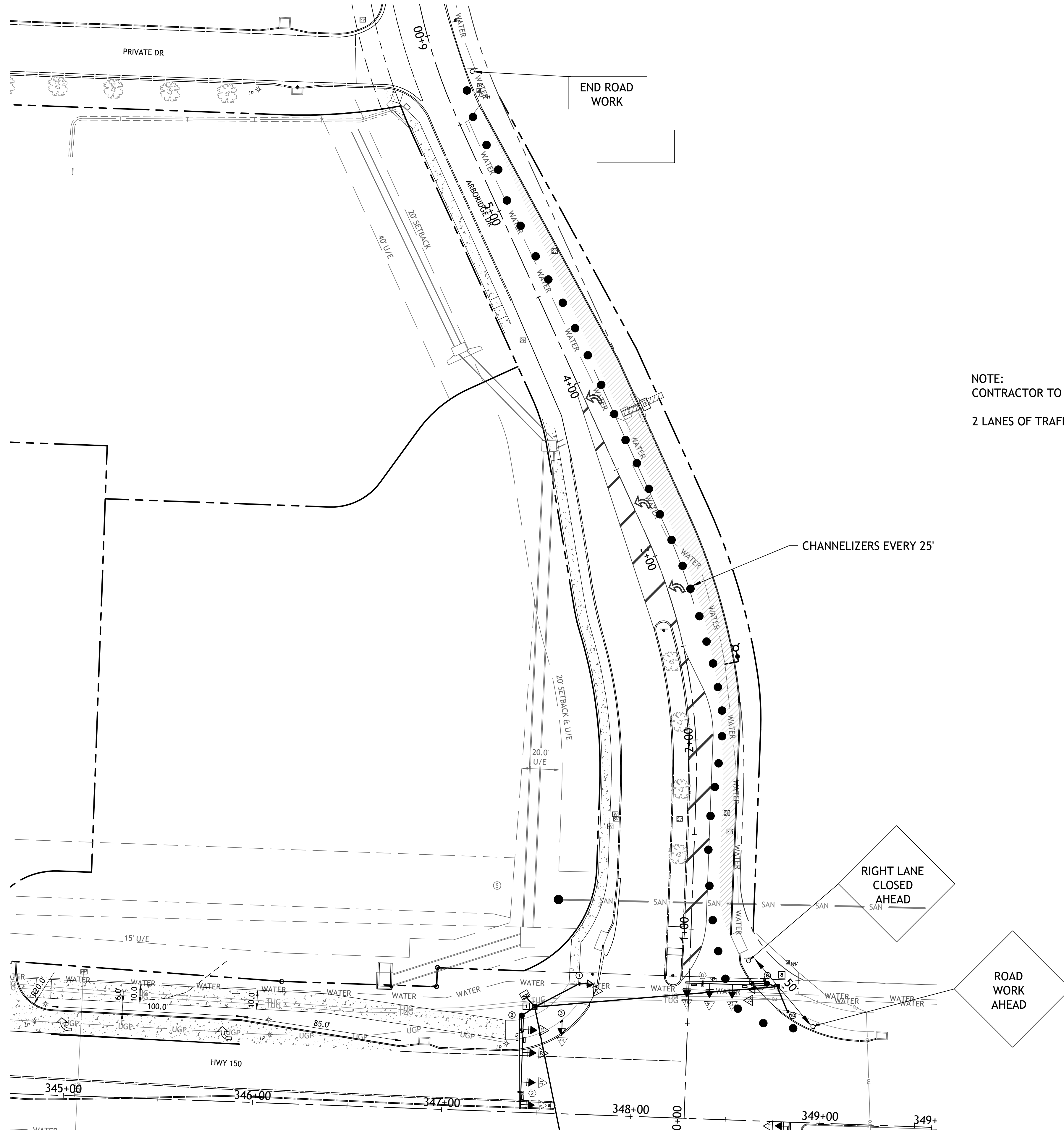
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ARBORIDGE DRIVE  
IMPROVEMENTS  
LEES SUMMITT, MO.

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18 JULY 2023





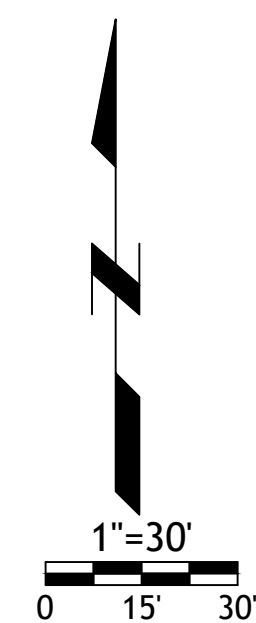
NOTE:  
CONTRACTOR TO SHIFT TRAFFIC CONTROL TO WEST SIDE AS NECESSARY  
  
2 LANES OF TRAFFIC TO BE MAINTAINED AT ALL TIMES.

RECORD DRAWING

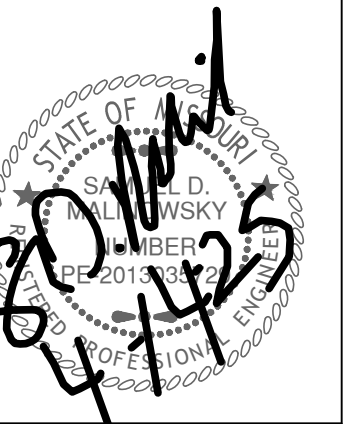
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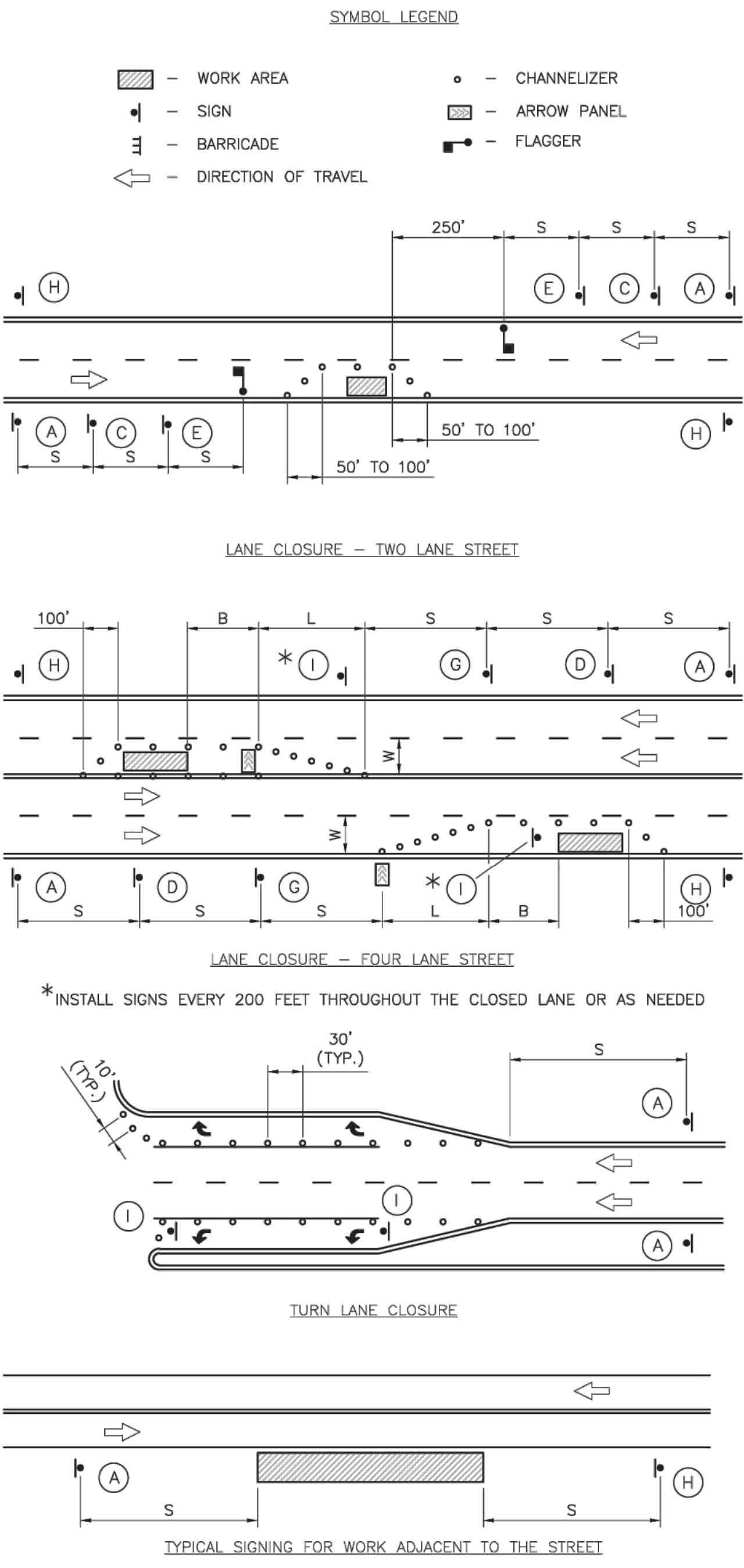
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ARBORIDGE DRIVE  
IMPROVEMENTS  
LEES SUMMITT, MO.





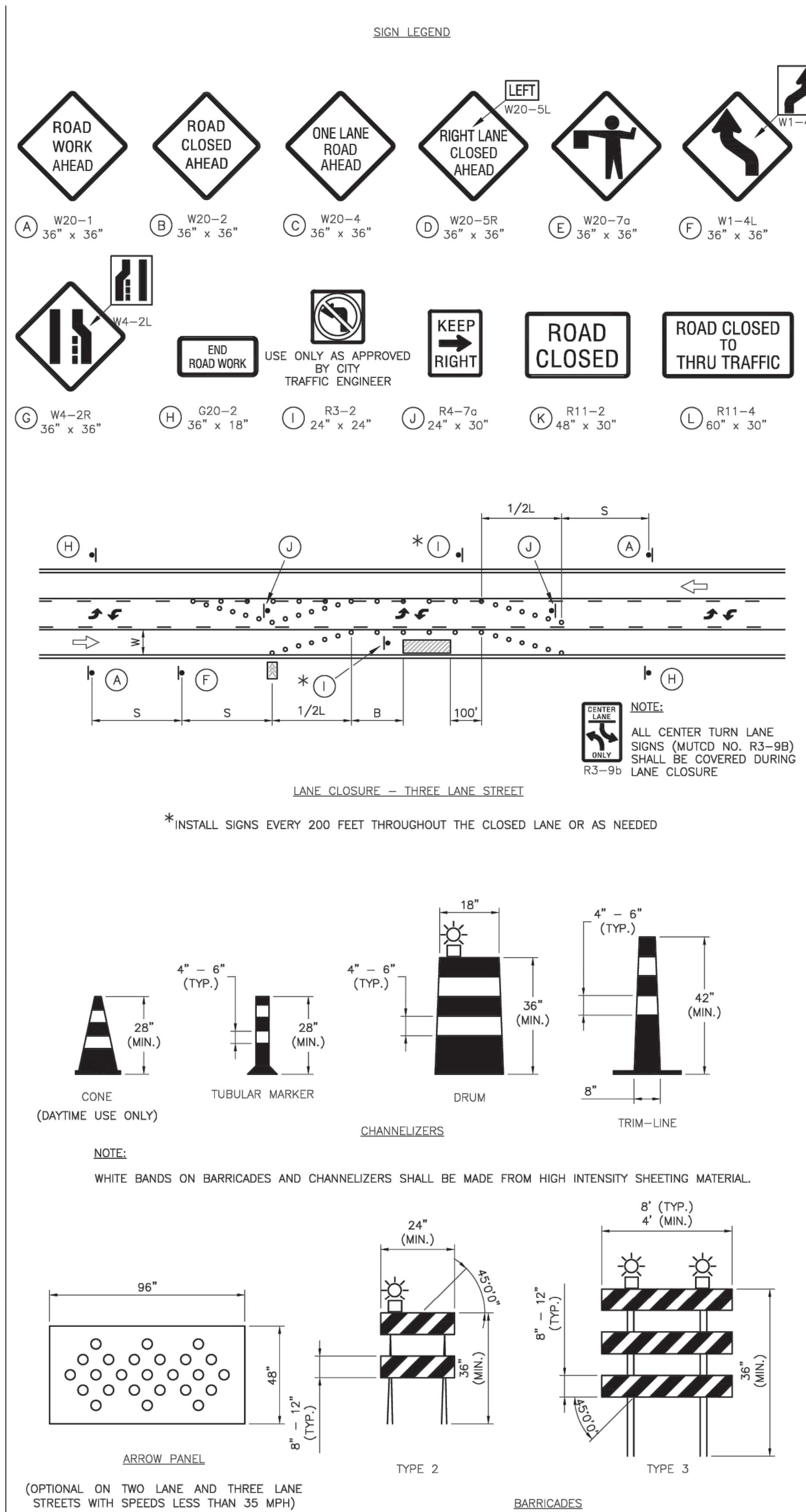
GUIDELINES FOR LENGTH OF LONGITUDINAL BUFFER SPACE "B"		MAXIMUM CHANNELIZER SPACING		
SPEED LIMIT (MPH)	LENGTH (FEET)	SPEED LIMIT (MPH)	WITHIN TAPER (FEET)	OUTSIDE TAPER (FEET)
25	35	25	25	50
30	55	30	30	60
35	85	35	35	70
40	120	40	40	80
45	170	45	45	90

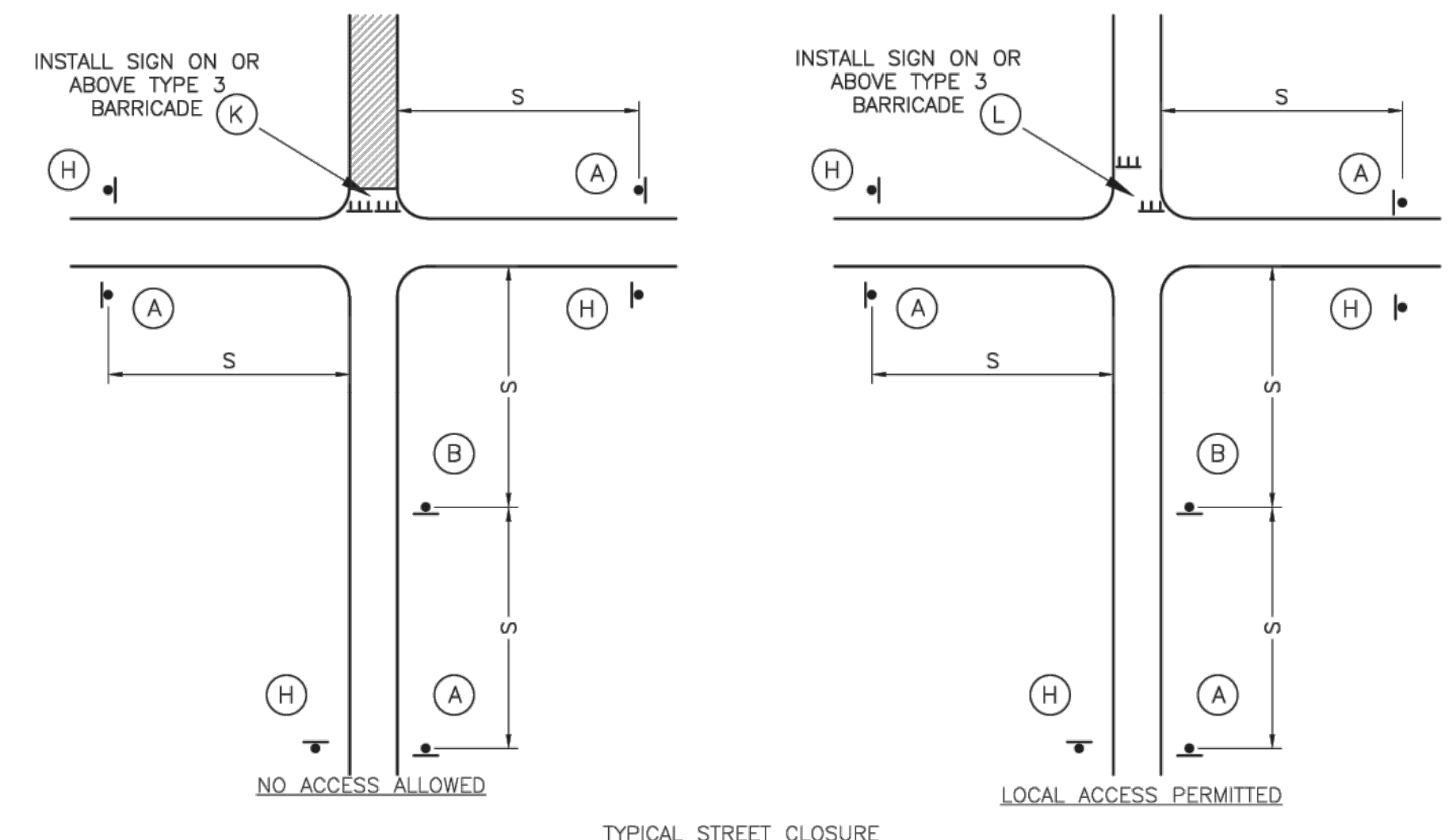
TAPER DIMENSIONS (FEET)				MINIMUM NUMBER OF CHANNELIZERS
SPEED LIMIT (MPH)	MINIMUM TAPER LENGTH "L", PER LANE WIDTH "W"	10	11	
25	105	115	125	6
30	150	165	180	7
35	205	225	245	8
40	270	295	320	9
45	450	495	540	13

SIGN SPACING "S"	
SPEED LIMIT (MPH)	SPACING (FEET)
25	100
30-35	250
40-45	350



- GENERAL NOTES:**
- ALL SIGNS, BARRICADES, CHANNELIZERS, MARKINGS AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
  - ALL TRAFFIC CONTROL DEVICES SHALL BE STANDARD IN SIZE, SHAPE, COLOR, AND MESSAGE, IN GOOD CONDITION, AND RETRO-REFLECTORIZED. ALL SIGNS SHALL BE SECURELY MOUNTED WITH HEIGHT AND LATERAL LOCATION AS DESCRIBED IN THE MUTCD.
  - WARNING LIGHTS SHALL BE USED ON BARRICADES IN PLACE AT NIGHT AND ON WARNING SIGNS WHICH ALERT DRIVERS ABOUT A CHANGE IN ALIGNMENT, TRAFFIC CONTROL, LANE CLOSURE, OR ROAD CLOSURE.
  - FLAGGERS SHALL BE USED WHERE INDICATED ON THE PLANS, WHERE CONSTRUCTION VEHICLES INTERACT WITH NORMAL TRAFFIC, OR WHERE CONSTRUCTION ACTIVITIES IMPOSE A RESTRICTION ON TRAFFIC, AS DIRECTED BY THE CITY TRAFFIC ENGINEER. WHERE FLAGGERS ARE USED, ADVANCE SIGNING SHALL BE ERECTED AS SHOWN IN THE DETAILS OR AS SPECIFIED IN THE MUTCD. FLAGGERS SHALL MEET THE REQUIREMENTS IN THE MUTCD IN REGARD TO CHARACTER, TRAINING, ATTIRE, AND BEHAVIOR.
  - TRIM-LINES ARE THE CITY'S PREFERRED CHANNELIZING DEVICE. CONES MAY NOT BE USED AT NIGHTTIME.
  - TRAFFIC CONTROL DEVICES NOT IN USE OR NOT APPLICABLE SHALL BE EITHER COVERED OR REMOVED FROM THE WORK AREA.
  - THE CONTRACTOR SHALL USE BARRICADES, STREET PLATES, OR FENCING AS NEEDED TO EFFECTIVELY SHIELD PEDESTRIAN AND VEHICULAR TRAFFIC FROM EXPOSED OBJECTS, EXCAVATIONS, AND CONSTRUCTION ACTIVITIES.
  - ACCESS SHALL BE MAINTAINED TO ALL DRIVEWAYS AND SIDE STREETS UNLESS NOTED OTHERWISE ON THE PLANS.
  - NO STREET SHALL BE CLOSED WITHOUT THE APPROVAL OF THE CITY TRAFFIC ENGINEER. THE CONTRACTOR SHALL NOTIFY THE CITY TRAFFIC ENGINEER AT LEAST 7 DAYS IN ADVANCE OF ANY STREET CLOSURE. IF A DETOUR ROUTE AROUND THE CLOSURE IS TO BE PROVIDED, ALL DETOUR SIGNING SHALL BE AS SHOWN ON A PLAN APPROVED BY THE CITY TRAFFIC ENGINEER.
  - CONSTRUCTION VEHICLES PARKED ALONG STREETS SHALL BE LOCATED WITHIN THE WORK AREA (TRAFFIC CONTROL) OR WHERE OTHERWISE NORMALLY PERMITTED. CONSTRUCTION MATERIALS, INCLUDING TRAFFIC CONTROL AND VEHICLES SHALL NOT RESTRICT SIGHT DISTANCE FOR VEHICLES EXITING AT STREETS OR DRIVES.
  - CONSTRUCTION MATERIALS SHALL BE KEPT OFF OF SIDEWALKS, CONSOLIDATED IN ONE LOCATION WITHIN CITY RIGHT-OF-WAY, AND REMOVED DAILY UNLESS OTHERWISE APPROVED BY THE INSPECTOR. DIRT, MUD, AND OTHER CONSTRUCTION DEBRIS ON STREETS AND SIDEWALKS SHALL BE REMOVED IMMEDIATELY.
  - THE CONTRACTOR SHALL NOT PERFORM ANY WORK THAT WILL RESTRICT VEHICULAR TRAFFIC IN ANY WAY BETWEEN THE HOURS OF 7:00 A.M. AND 9:00 A.M. OR 4:00 P.M. AND 6:00 P.M. MONDAY THROUGH FRIDAY UNLESS OTHERWISE INDICATED IN THE SPECIFICATIONS.
  - ALL TRAVEL LANES SHOULD BE AT LEAST 11 FEET WIDE UNLESS OTHERWISE AUTHORIZED BY THE CITY TRAFFIC ENGINEER. A "NARROW LANES" SIGN SHALL BE INSTALLED IN ADVANCE OF A LANE WIDTH REDUCTION TO LESS THAN 11 FEET.
  - ALL EDGE DROP-OFFS OF MORE THAN 2 INCHES AND LESS THAN 4 INCHES SHOULD BE PROTECTED BY A WEDGE OR BARRIER AND ALL EDGE DROP-OFFS GREATER THAN 4 INCHES SHALL HAVE EDGE PROTECTION (SEE TRAFFIC CONTROL SPECIFICATIONS FOR EDGE TREATMENT REQUIREMENTS).
  - THE "WORKERS" SYMBOLIC SIGN (MUTCD NO. W21-1A) MAY BE USED INSTEAD OF THE "ROAD WORK AHEAD" SIGN FOR WORK WITH A DURATION OF 12 HOURS OR LESS. THE "END ROAD WORK" SIGN IS NOT REQUIRED TO BE INSTALLED AFTER THE "WORKERS" SIGN.
  - NO TRAFFIC SIGNAL SHALL BE ALTERED OR MODIFIED IN ANY WAY WITHOUT A PLAN APPROVED BY THE CITY TRAFFIC ENGINEER.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL TRAFFIC CONTROL DEVICES ON AN AROUND-THE-CLOCK BASIS, WHETHER OR NOT WORK IS ACTIVELY BEING PURSUED AND ANY DEFICIENCIES NOTED SHALL BE CORRECTED IMMEDIATELY.
  - THE TRAFFIC CONTROL REQUIREMENTS SHOWN ON THESE PLANS ARE MINIMUM REQUIREMENTS ONLY AND DO NOT ATTEMPT TO ADDRESS IN DEPTH THE VARIETY OF SITUATIONS THAT MAY OCCUR ONCE CONSTRUCTION HAS STARTED. IN NO WAY DO THE REQUIREMENTS SHOWN ON THESE PLANS RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY FOR SELECTING THE PROPER TRAFFIC CONTROL DEVICES AND IMPLEMENTATION PROCEDURES THAT WILL ASSURE THE SAFETY OF DRIVERS, PEDESTRIANS, AND WORKERS AT ALL TIMES.
  - SHOULD THE CONTRACTOR FAIL TO ENFORCE THE TRAFFIC CONTROL PLAN OR FAIL TO CLEAN, REPLACE OR OTHERWISE MAINTAIN THE TRAFFIC CONTROL DEVICES WHEN DIRECTED TO DO SO BY THE CITY TRAFFIC ENGINEER OR REPRESENTATIVE, THE CITY MAY TAKE ONE OR MORE OF THE FOLLOWING ACTIONS:
    - EMPLOY ANOTHER AGENCY TO CORRECT DEFICIENCIES IN TRAFFIC CONTROL DEVICES AND DEDUCT THE COST FROM THE CONTRACTOR'S PAY ESTIMATE.
    - STOP THE WORK UNTIL DEFICIENCIES ARE CORRECTED.
    - SUSPEND ALL PAY ESTIMATES UNTIL DEFICIENCIES ARE CORRECTED, OR
    - PLACE THE CONTRACTOR IN DEFAULT.



**LEE'S SUMMIT MISSOURI**

**PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063**

**POLE AND LUMINAIRE DETAILS**

**CITY OF LEE'S SUMMIT, MO**

**LEE'S SUMMIT, JACKSON COUNTY, MO**

**TRAFFIC CONTROL DETAILS**

**Project:**

**Drawn By:** BWC

**Checked By:** MP

**Date:** 01/2020

**Proj. #:**

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**Certified by:** Samuel D. Malinowsky

**Title:** Owner

**Firm:** SM Engineering

**SM Engineering**

**5507 High Meadow Circle**  
Manhattan Kansas, 66503  
smcivilengr@gmail.com  
785.341.9747

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LEE'S SUMMIT, MO.

**sheet**

**C15.0**

**Civil**

**TRAFFIC CONTROL DETAILS**

**18 JULY 2023**