

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.

PUBLIC STREET SANITARY SEWER PLANS
FOR
ARBOR WALK WEST
LEE'S SUMMIT



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.

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.

"100.00 100.10", "1.00% 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



SAMUEL D. MALINOWSKY
PROFESSIONAL ENGINEER

INDEX OF SHEETS

- C-1 COVER SHEET
- C-2 EXISTING CONDITIONS
- C-3 EXISTING CONDITIONS
- C-4 LAYOUT PLAN
- C-5 GRADING PLAN
- C-6 SANITARY SEWER LINE A PLAN AND PROFILE
- C-7 DETAILS
- C-8 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

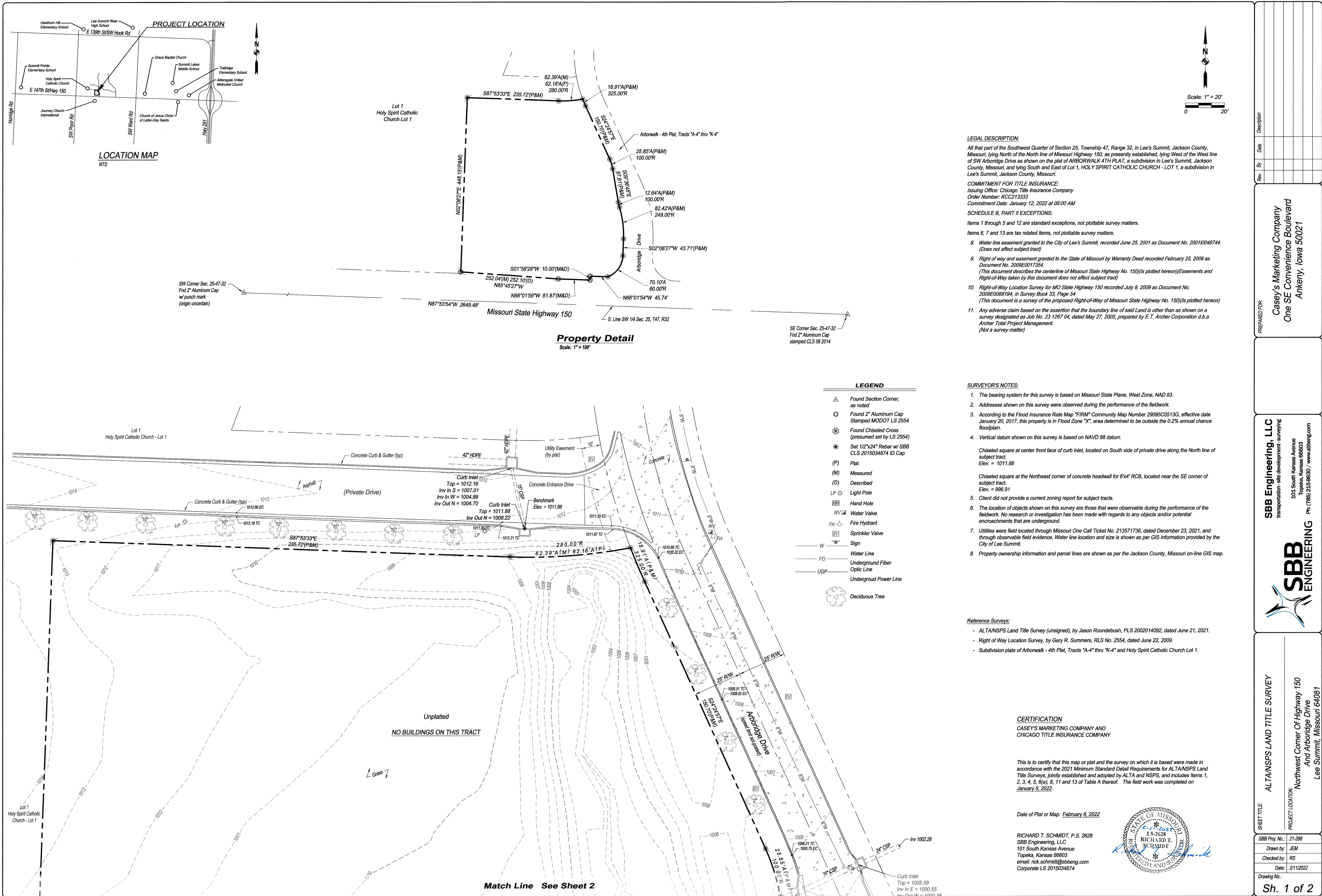
SM Engineering
5507 High Meadow Circle
Manhattan Kansas, 66503
smcivilengr@gmail.com
785.341.9747

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Revisions
11-13-23 CITY COMMENTS
4-14-25 AS BUILTS

ARBOR WALK WEST
SANITARY IMPROVEMENTS
LEE'S SUMMIT, MO.

s h e e t
C1.0
Civil
COVER SHEET
permit
30 OCTOBER 2023



LEGAL DESCRIPTION:

All that part of the Southwest Quarter of Section 25, Township 47, Range 32, in Lee's Summit, Jackson County, Missouri, lying North of the North line of Missouri Highway 150, as presently established, lying West of the West line of SW Arboridge Drive as shown on the plat of ARBORWALK 4TH PLAT, a subdivision in Lee's Summit, Jackson County, Missouri, and lying South and East of Lot 1, HOLY SPIRIT CATHOLIC CHURCH - LOT 1, a subdivision in Lee's Summit, Jackson County, Missouri.

COMMITMENT FOR TITLE INSURANCE:

Issuing Office: Chicago Title Insurance Company
Order Number: KCC213333
Commitment Date: January 12, 2022 at 08:00 AM

SCHEDULE B, PART II EXCEPTIONS:

Items 1 through 5 and 12 are standard exceptions, not plottable survey matters.

Items 6, 7 and 13 are tax related items, not plottable survey matters.

- Water line easement granted to the City of Lee's Summit, recorded June 25, 2001 as Document No. 200110048744. (Does not affect subject tract)
- Right of way and easement granted to the State of Missouri by Warranty Deed recorded February 25, 2009 as Document No. 2009E0017354. (This document describes the centerline of Missouri State Highway No. 150)(Is plotted hereon)(Easements and Right-of-Way taken by this document does not affect subject tract)
- Right-of-Way Location Survey for MO State Highway 150 recorded July 9, 2009 as Document No. 2009E0068194, in Survey Book 33, Page 54 (This document is a survey of the proposed Right-of-Way of Missouri State Highway No. 150)(Is plotted hereon)
- Any adverse claim based on the assertion that the boundary line of said Land is other than as shown on a survey designated as Job No. 23 1267 04, dated May 27, 2005, prepared by E.T. Archer Corporation d.b.a Archer Total Project Management. (Not a survey matter)

SURVEYOR'S NOTES:

- The bearing system for this survey is based on Missouri State Plane, West Zone, NAD 83.
- Addresses shown on this survey were observed during the performance of the fieldwork.
- According to the Flood Insurance Rate Map "FIRM" Community Map Number 2908SC0513G, effective date January 20, 2017, this property is in Flood Zone "X", area determined to be outside the 0.2% annual chance floodplain.
- Vertical datum shown on this survey is based on NAVD 88 datum.

Chiseled square at center front face of curb inlet, located on South side of private drive along the North line of subject tract.
Elev. = 1011.88

Chiseled square at the Northeast corner of concrete headwall for 6'x4' RCB, located near the SE corner of subject tract.
Elev. = 996.91
- Client did not provide a current zoning report for subject tracts.
- The location of objects shown on this survey are those that were observable during the performance of the fieldwork. No research or investigation has been made with regards to any objects and/or potential encroachments that are underground.
- Utilities were field located through Missouri One Call Ticket No. 213571736, dated December 23, 2021, and through observable field evidence. Water line location and size is shown as per GIS information provided by the City of Lee Summit.
- Property ownership information and parcel lines are shown as per the Jackson County, Missouri on-line GIS map.

Reference Surveys:

- ALTA/NSPS Land Title Survey (unsigned), by Jason Roundbush, PLS 2002014092, dated June 21, 2021.
- Right of Way Location Survey, by Gary R. Summers, RLS No. 2554, dated June 22, 2009.
- Subdivision plats of Arborwalk - 4th Plat, Tracts "A-4" thru "K-4" and Holy Spirit Catholic Church Lot 1.

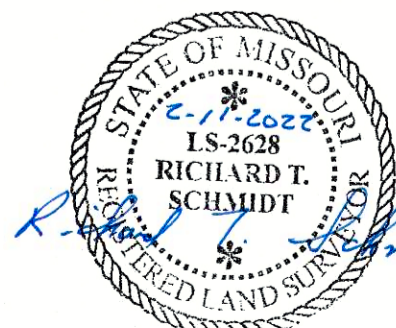
CERTIFICATION

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 8, 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

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

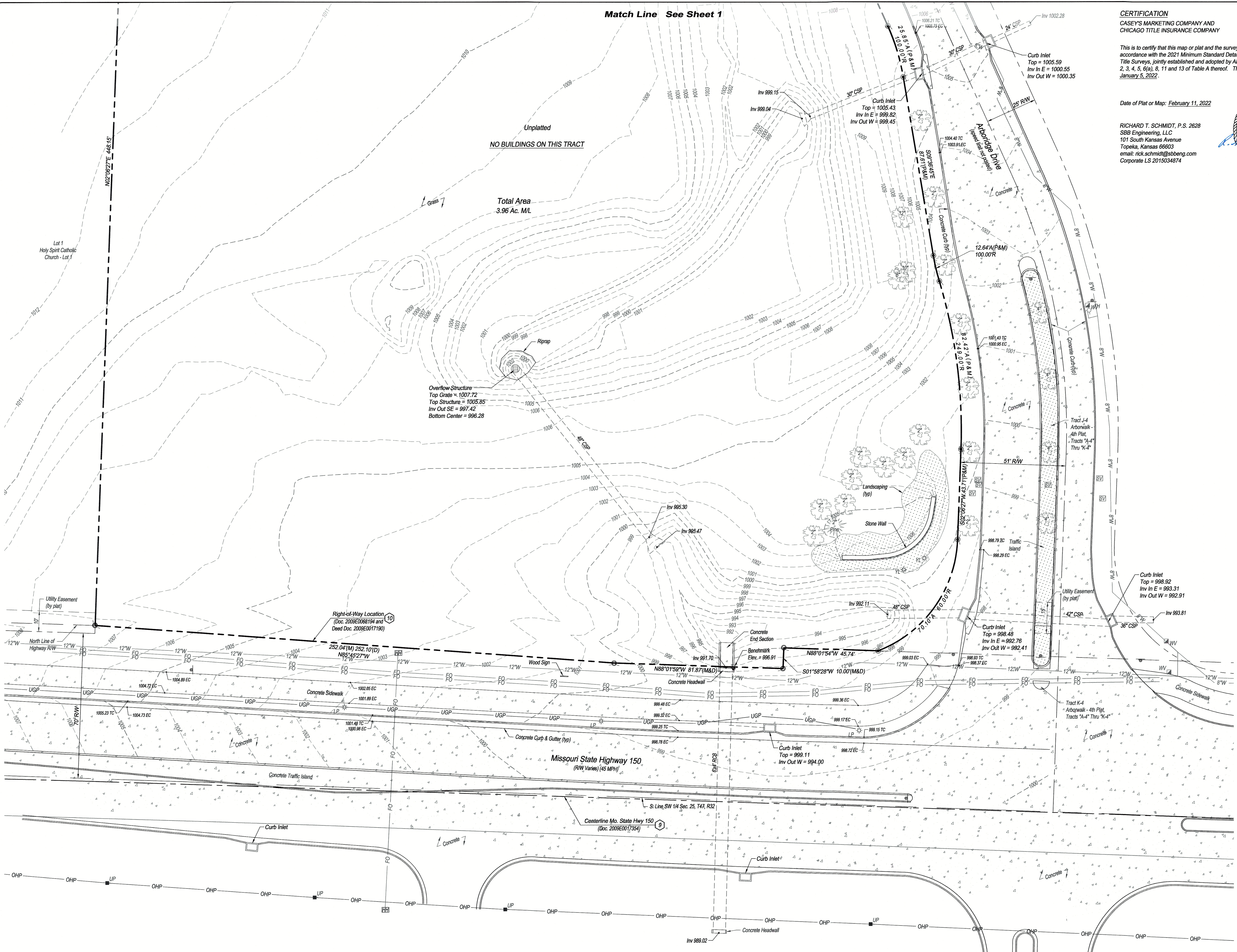
SBB Engineering, LLC
transportation - site development - surveying
101 South Kansas Avenue
Topeka, Kansas 66603
Ph: (785) 215-8630 / www.sbbeng.com

SBB ENGINEERING

SHEET TITLE: **ALTA/NSPS LAND TITLE SURVEY**
PROJECT LOCATION: **Northwest Corner Of Highway 150
And Arboridge Drive
Lee Summit, Missouri 64081**

SBB Proj. No.:	21-288
Drawn by:	JEM
Checked by:	RS
Date:	2/11/2022
Drawing No.:	

Sh. 1 of 2

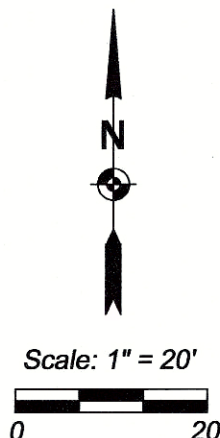
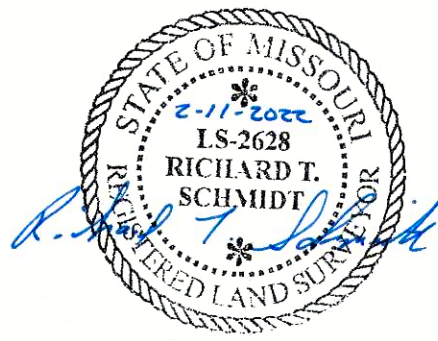


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Date of Plat or Map: February 11, 2022

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SBB Engineering, LLC
101 South Kansas Avenue
Topeka, Kansas 66603
email: rick.schmidt@sbbeng.com
Corporate LS 2015034874



Rev.	By	Date	Description

PREPARED FOR
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One SE Convenience Boulevard
Ankeny, Iowa 50021

SBB Engineering, LLC
transportation - site development - surveying
301 South Kansas Avenue
Topeka, Kansas 66603
Ph: (785) 215-9630 / www.sbbeng.com

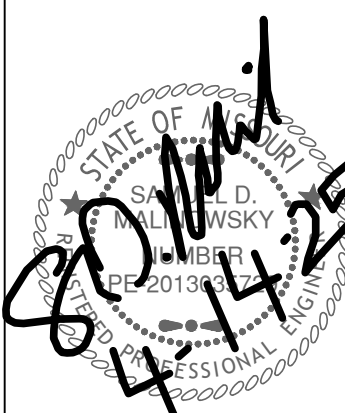


ALTA/NSPS LAND TITLE SURVEY
PROJECT LOCATION:
Northwest Corner Of Highway 150
And Arboridge Drive
Lee Summit, Missouri 64081

SHEET TITLE	ALTA/NSPS LAND TITLE SURVEY
SBB Proj. No.	21-288
Drawn by:	JEM
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Sh. 2 of 2

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Revisions
11-13-23 CITY COMMENTS
4-14-25 AS BUILT

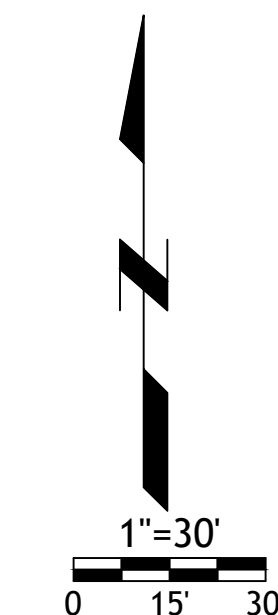
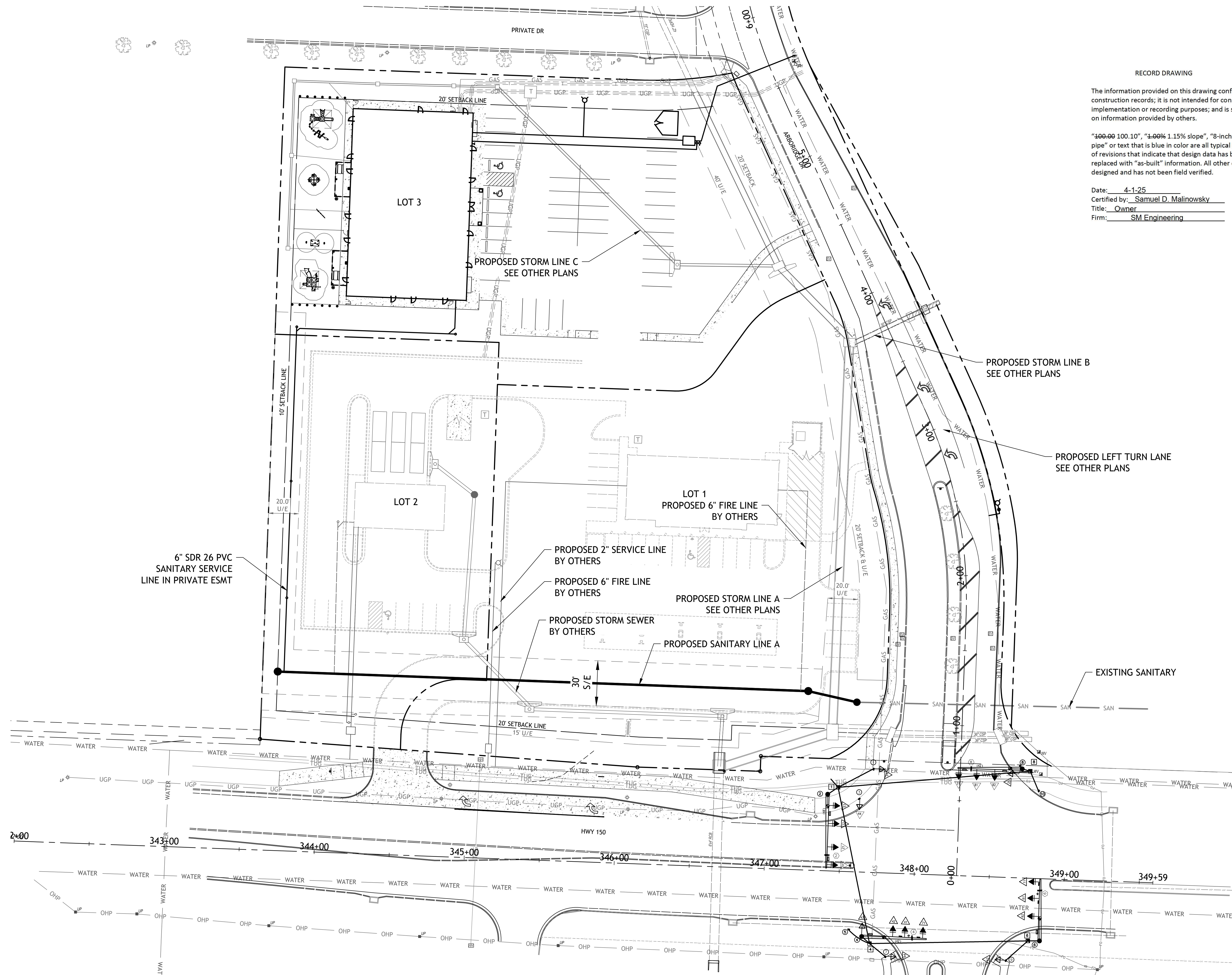
ARBOR WALK WEST
SANITARY IMPROVEMENTS
LEES SUMMITT, MO.

RECORD DRAWING

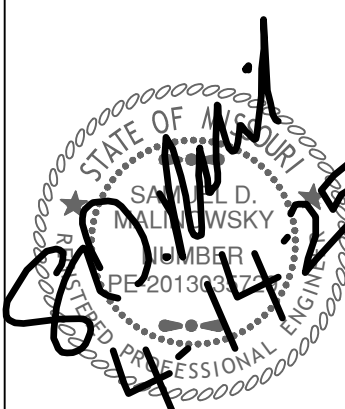
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Date: 4-1-25
Certified by: Samuel D. Malinowsky
Title: Owner
Firm: SM Engineering



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4-14-25 AS BUILTS

ARBOR WALK WEST SANITARY IMPROVEMENTS

LEES SUMMITT, MO.

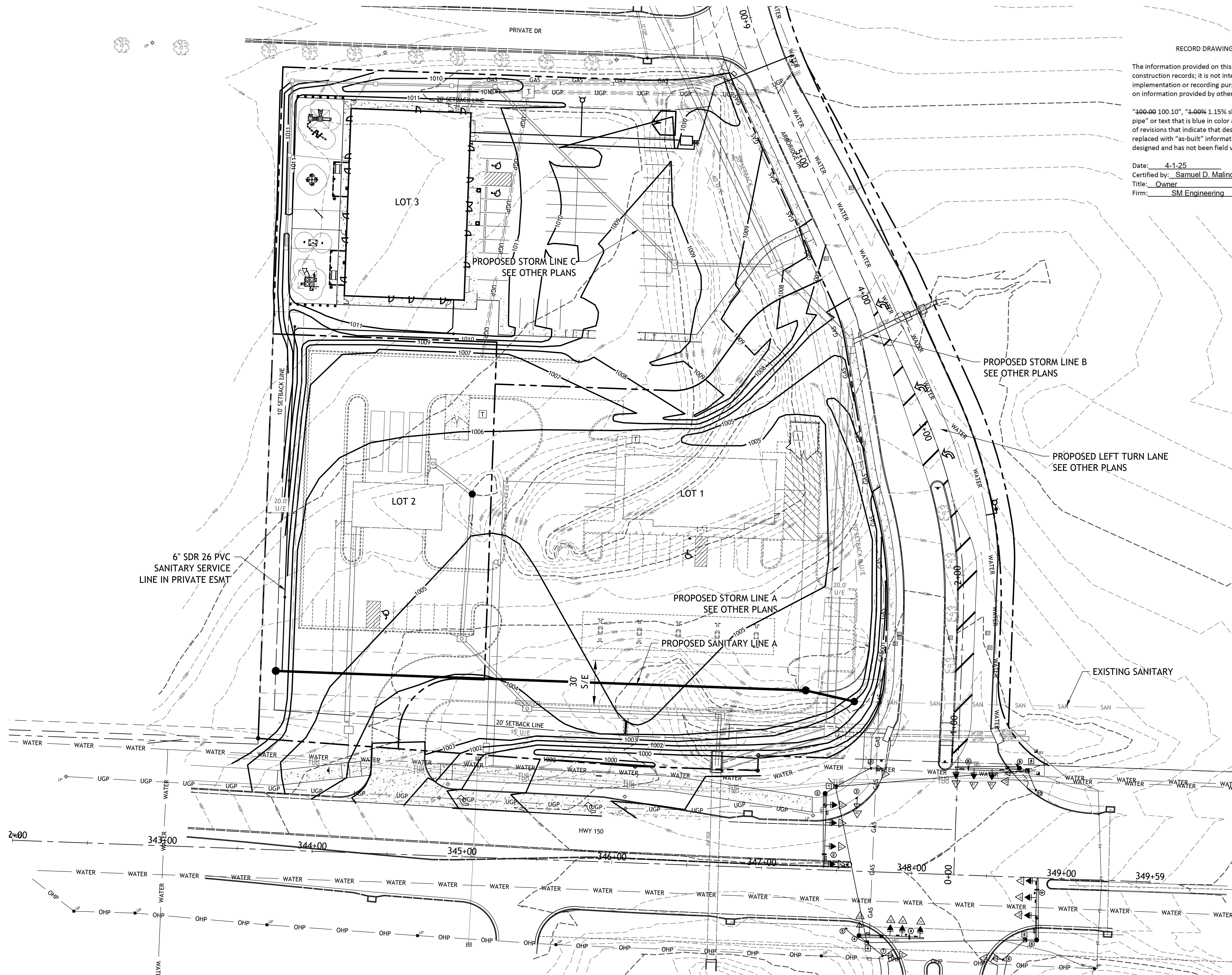
sheet
C5.0
Civil
GRADING PLAN
permit
30 OCTOBER 2023

RECORD DRAWING

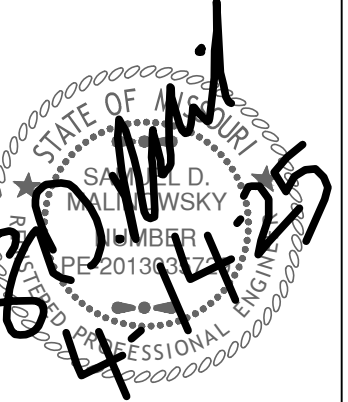
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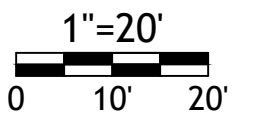
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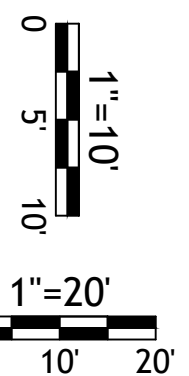


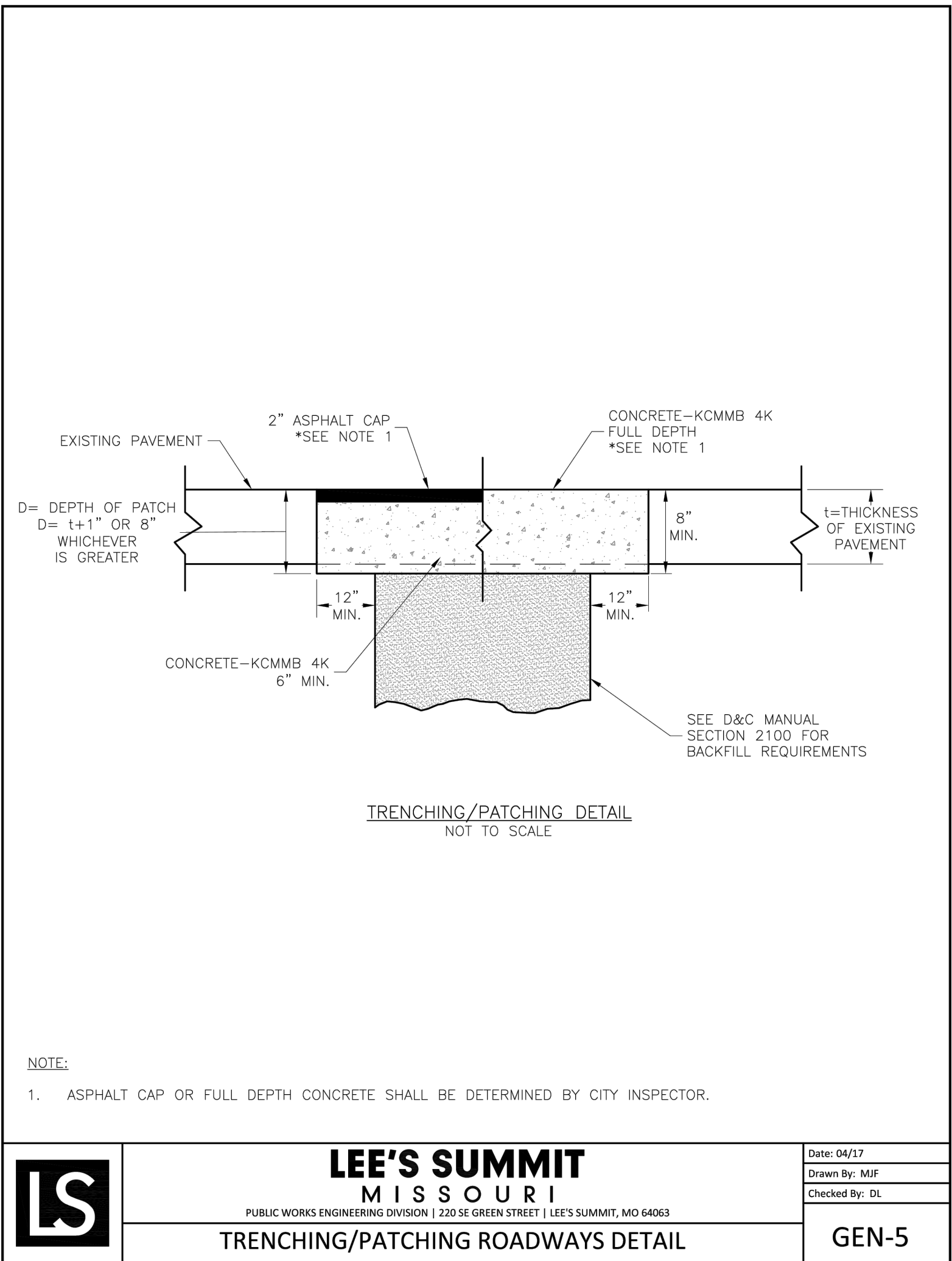
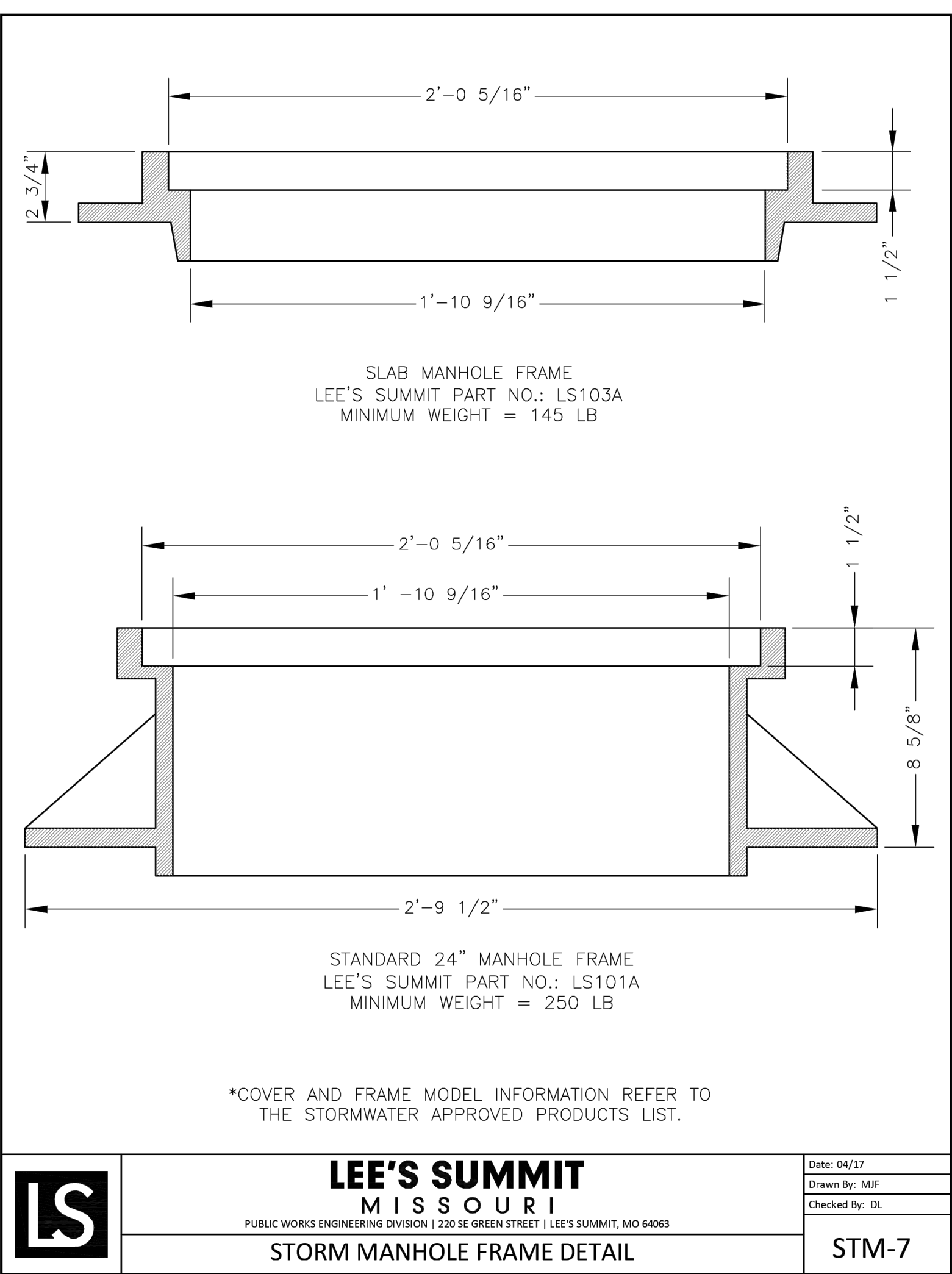
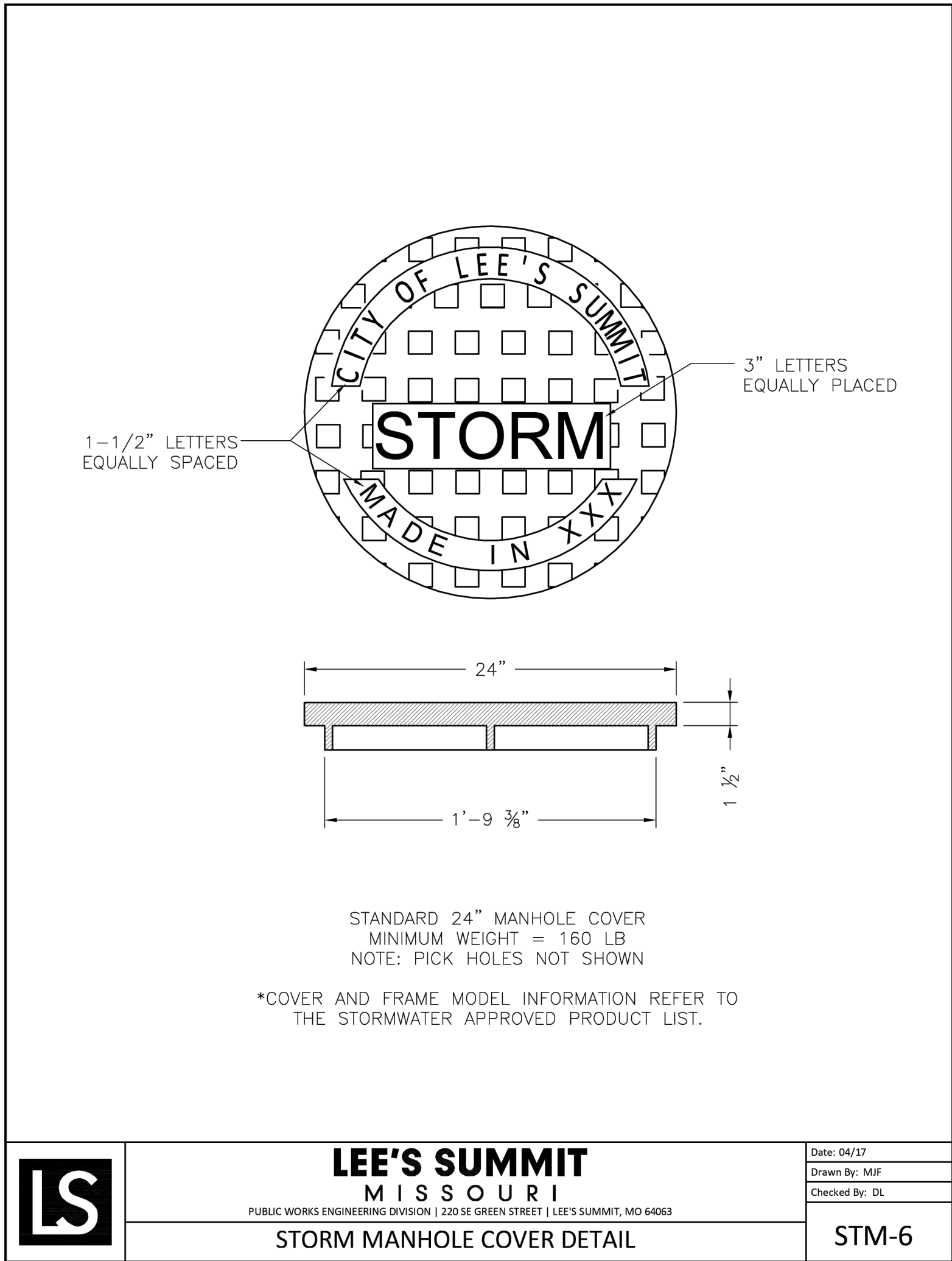
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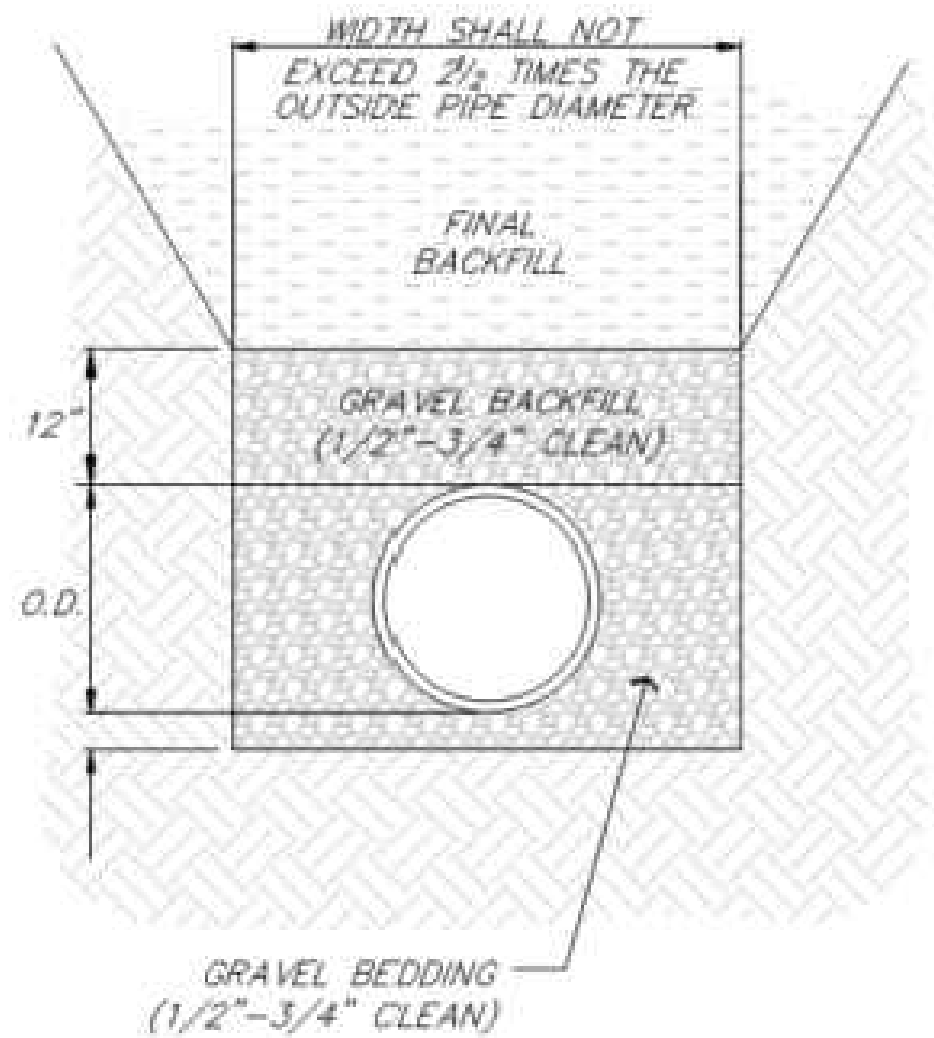
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 Firm: SM Engineering





BEDDING
1/2"-3/4" CLEAN AGGREGATE, HAND TAMPED OR MECHANICALLY
COMPACTED IN MAX. 4" LIFTS
INITIAL BACKFILL
-UNDER PAVED AREAS OR WITHIN 4' HORIZONTAL OF PAVED AREAS
1/2"-3/4" CLEAN AGGREGATE, HAND TAMPED OR MECHANICALLY
COMPACTED IN MAX. 4" LIFTS
-UNDER OPEN AREAS
1/2"-3/4" CLEAN AGGREGATE, HAND TAMPED OR MECHANICALLY
COMPACTED IN MAX. 4" LIFTS
FINAL BACKFILL
-UNDER PAVED AREAS OR WITHIN 4' HORIZONTAL OF PAVED AREAS
ON-SITE OR IMPORTED MATERIAL FREE OF MUCK, FROZEN
MATERIAL, EXCESS MOISTURE, ORGANICS, TOPSOIL, RUBBISH,
CONSTRUCTION DEBRIS, ROCK OR BRICK LARGER THAN 8",
COMPACTED TO 95% OF STANDARD DENSITY PER ASTM D-698
-UNDER OPEN AREAS
ON-SITE OR IMPORTED MATERIAL FREE OF MUCK, FROZEN
MATERIAL, EXCESS MOISTURE, ORGANICS, TOPSOIL, RUBBISH,
CONSTRUCTION DEBRIS, ROCK OR BRICK LARGER THAN 8",
COMPACTED TO 90% OF STANDARD DENSITY PER ASTM D-698

BEDDING DEPTH BELOW PIPE		
PIPE DIAMETER	IN SOIL	IN ROCK
24" AND LESS	4"	6"
27" THRU 60"	4"	9"



PIPE BEDDING DETAIL
NOT TO SCALE

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