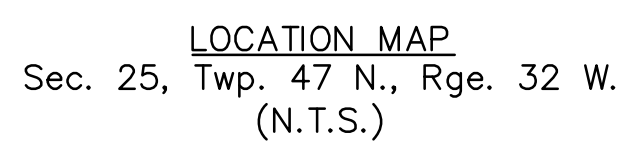
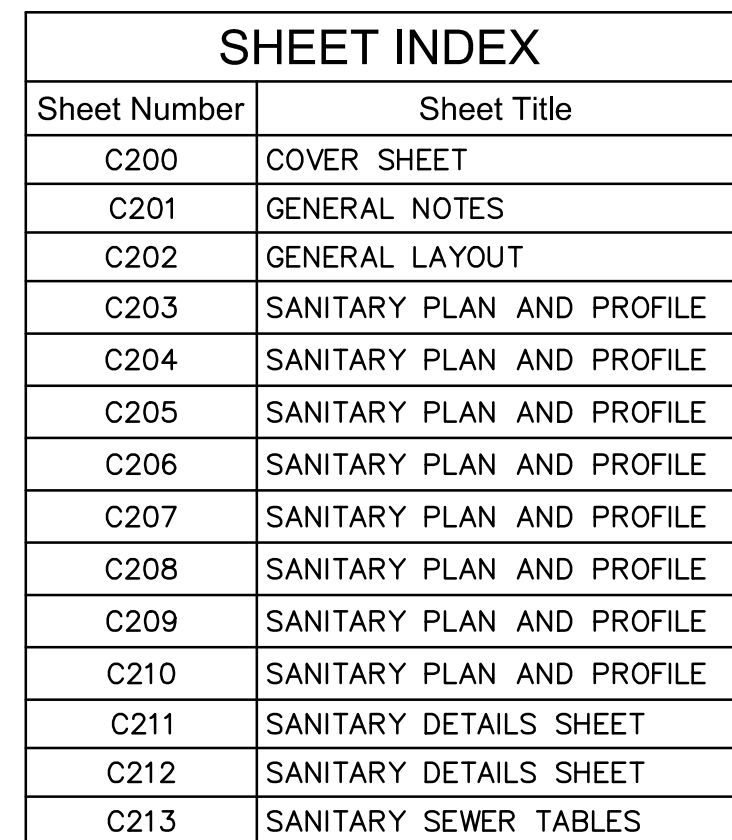


N/W 1/4 SECTION 25, TOWNSHIP 47 N, RANGE 32 W.
IN LEE'S SUMMIT, JACKSON COUNTY, MO



☐ NOT FOR CONSTRUCTION

☒ REVIEWED FOR CONSTRUCTION



Julie E. Sellers

JULIE E. SELLERS
CIVIL ENGINEER
MO#2017000367

4/12/21

DATE

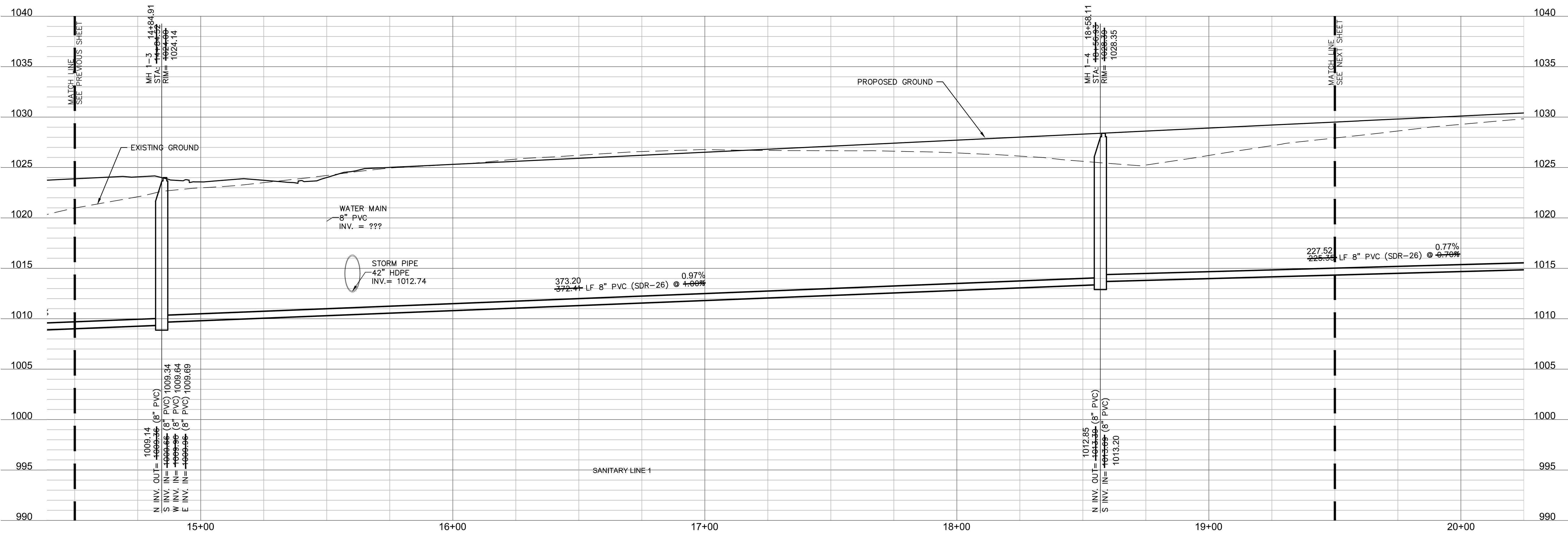
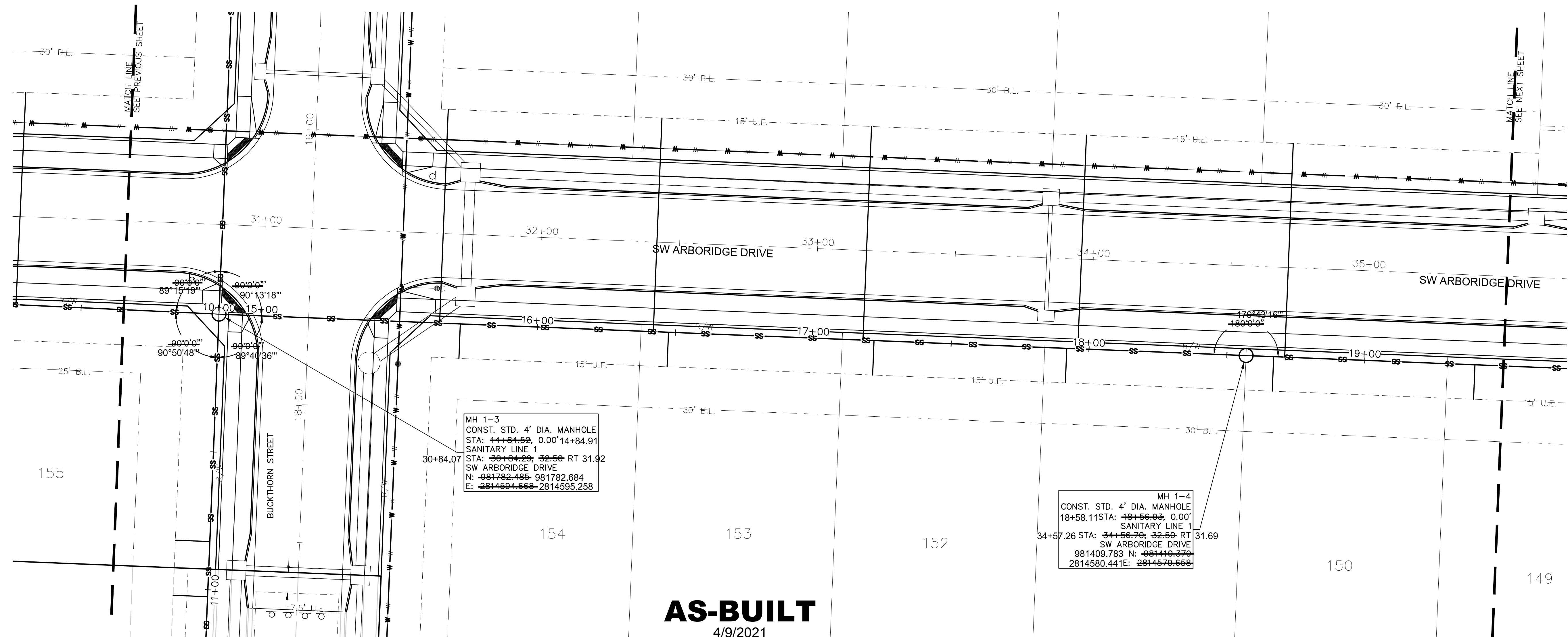
olsson

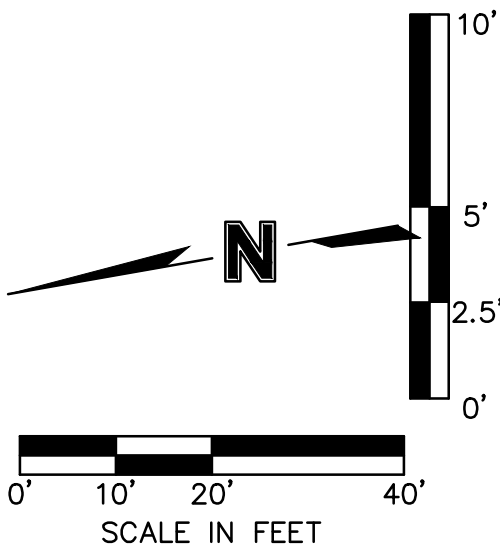
OLSSON - CIVIL ENGINEERING
1301 UNIVERSITY AVENUE, SUITE 1502
1301 BURLINGTON, SUITE 100
NORTH BURLINGTON, VT 05401
TEL: 810.361.1177
www.olsson.com



COVER SHEET SANITARY SEWER PLANS	
HAWTHORN RIDGE SECOND PLAT	
LEE'S SUMMIT, MISSOURI	2019

SHEET
C200

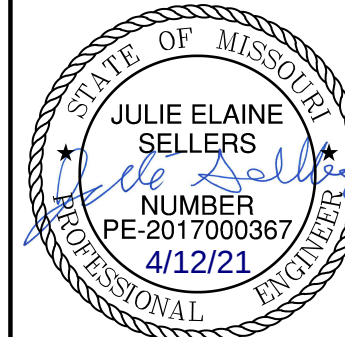




DWG: F:\2019\1501-2000\019-1605\40-Design\AutoCAD\As-Built\Sheets\GNCV\SANITARY\C_SAN01_0191605.dwg
DATE: Apr 09, 2021 10:20am XREFS: C:\PTBLK_0191605 C:\PBN DY_0191605 C:\PBASE_0191605 C:\XBASE_0191605
USER: bworthley

Olsson

OLSSON - CIVIL ENGINEERING
MO CERTIFICATE OF AUTHORITY #:001592
1301 BURLINGTON, SUITE 100
NORTH KANSAS CITY, MO 64116 TEL



JULIE E. SELLERS, P.E.
MO# 2017000367

[illegible]

**SANITARY PLAN AND PROFILE
SANITARY SEWER PLANS**

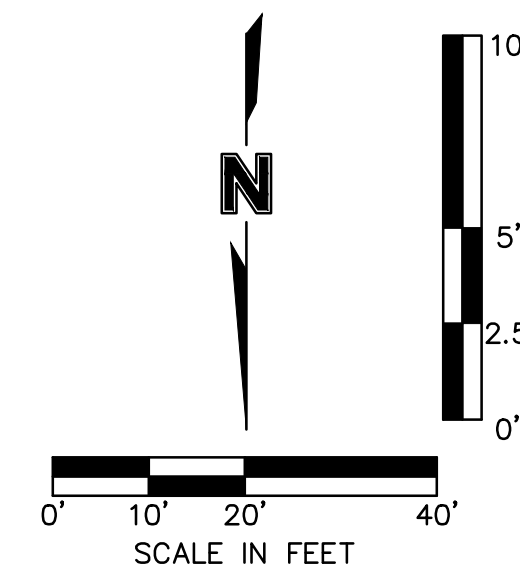
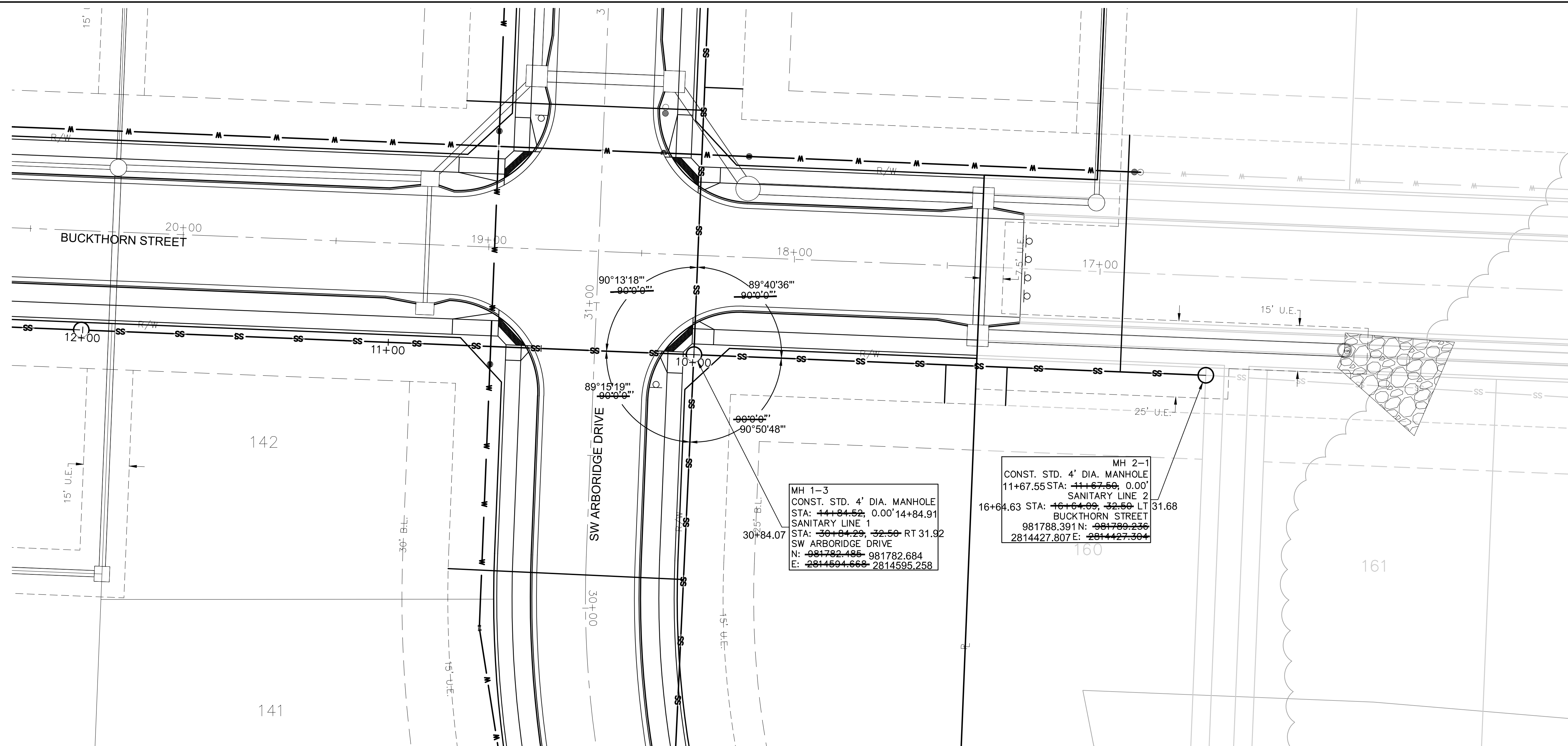
HAWTHORN RIDGE
SECOND PLAT

2019

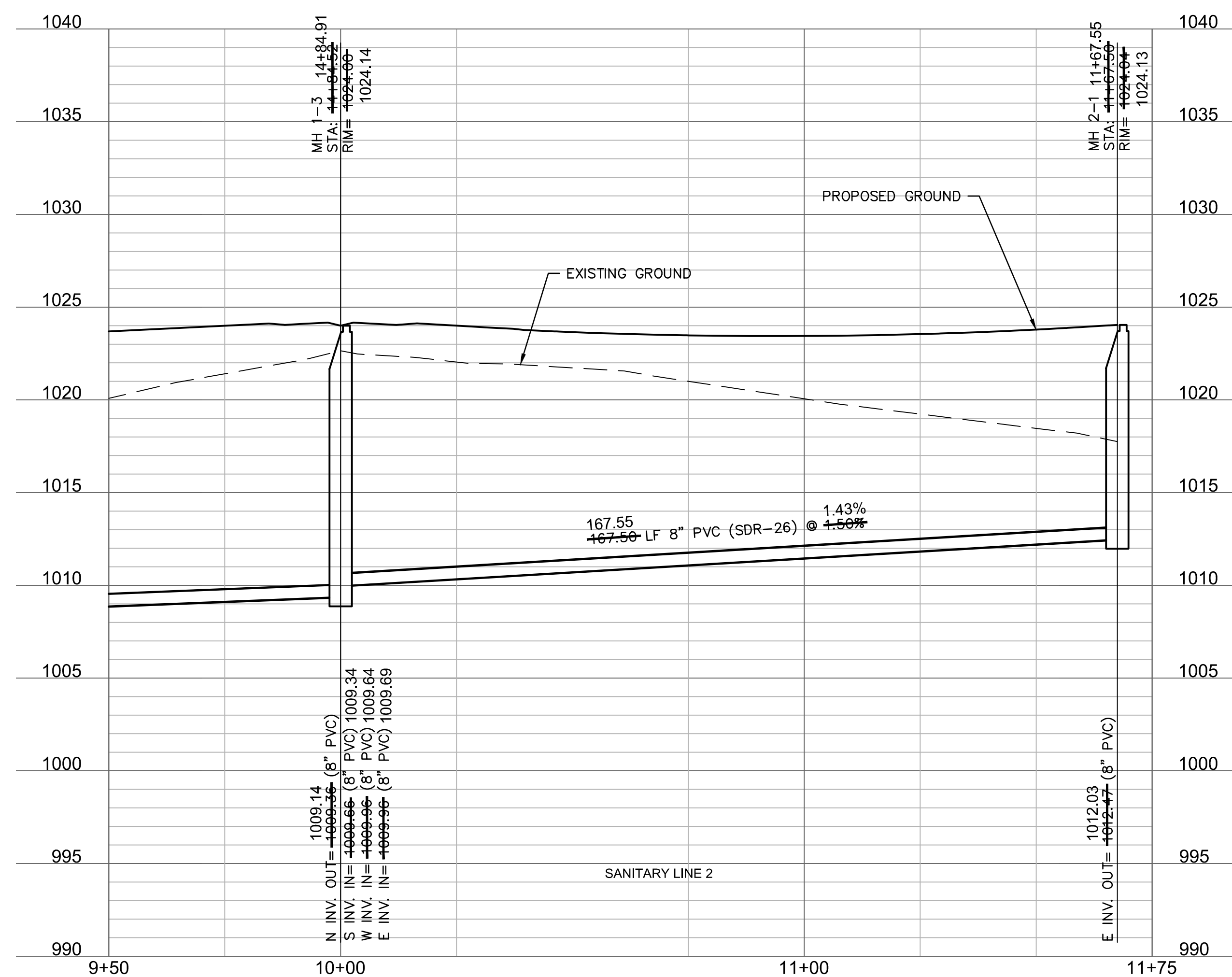
LEE'S SUMMIT, MISSOURI

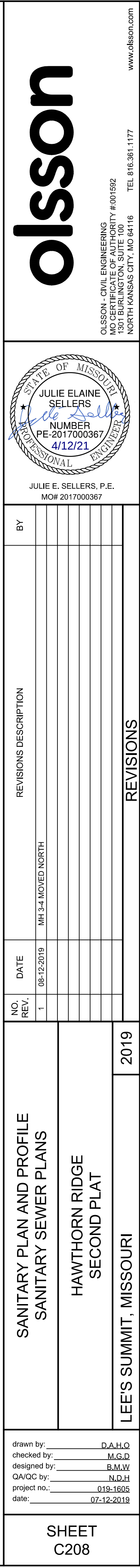
drawn by: D.A.H.O
checked by: M.G.D
designed by: B.M.W
QA/QC by: N.D.H
project no.: 019-1605
date: 07-12-2019

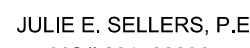
SHEET
C205



AS-BUILT
4/9/2021







REVISIONS

drawn by: D.A.H.
checked by: M.G.
designed by: B.M.J.
QA/QC by: N.D.
project no.: 019-160
date: 07-12-201



1. A MINIMUM OF 36 INCHES OF COVER SHALL BE OVER THE TOP OF THE PIPE. THIS MINIMUM OF COVER SHALL BE FROM THE TOP OF PIPE TO THE FINISHED GRADE.
2. BEDDING AGGREGATE SHALL BE PLACED FROM A LEVEL 6 INCHES BELOW THE BOTTOM OF THE PIPE TO A LEVEL 6 INCHES ABOVE THE TOP OF THE PIPE.
3. TRENCH BACKFILL IN PAVED AREAS WITHIN STREET OR ALLEY RIGHT OF WAYS
 - a. NARROW TRENCH: SUITABLE BACKFILL MATERIAL FOR TRENCHES 24 INCHES OR LESS IN WIDTH AND SHALL BE TYPE A FLOWABLE FILL.
 - b. STANDARD TRENCH: SUITABLE BACKFILL MATERIAL FOR TRENCHES BETWEEN 24 TO 48 INCHES WIDE SHALL BE EITHER TYPE A FLOWABLE FILL OR DENSE, WELL GRADED AGGREGATE BASE MATERIAL. AGGREGATE BASE MATERIAL SHALL MEET THE REQUIREMENTS FOR KDOT AB-3; MODOT TYPES 1 OR 5; OR APWA 2202.2.
 - c. WIDE TRENCH: SUITABLE BACKFILL MATERIAL FOR TRENCHES GREATER THAN 48 INCHES WIDE SHALL BE SUITABLE MATERIAL AS SPECIFIED FOR EARTH EMBANKMENT IN APWA STANDARD SPECIFICATIONS, SECTION 2102.2.1.C.
4. SUIABLE BACKFILL MATERIAL OUTSIDE OF PAVED AREAS WITHIN RIGHT OF WAY, AND ALL AREAS OUTSIDE RIGHT OF WAY, MAY BE SUIABLE MATERIAL AS SPECIFIED FOR EARTH EMBANKMENT IN APWA STANDARD SPECIFICATIONS, SECTION 2102.2.C. SUIABLE BACKFILL MATERIAL MAY ALSO BE OTHER TRENCH BACKFILL MATERIAL (FLOWABLE FILL OR AGGREGATE BASE) DEPENDING ON SITE CONDITIONS, TRENCH WIDTHS OR AT THE DIRECTION OF THE CITY'S ON SITE INSPECTOR.

STATE OF MISSOURI
JULIE ELAINE SELLERS
NUMBER
PE-2017000367
4/12/21
PROFESSIONAL ENGINEER

JULIE E. SELLERS, P.E.

BY

REVISIONS DESCRIPTION

REVISIONS

2019

SANITARY DETAILS SHEET
SANITARY SEWER PLANS

AWTHORN RIDGE
SECOND PLAT

LEE'S SUMMIT, MISSOURI

drawn by: D.A.H.
checked by: M.G.
designed by: B.M.
QA/QC by: N.D.
project no.: 019-16
date: 07-12-201

SHEET
C212

Olsson

OLSSON - CIVIL ENGINEERING
NO CERTIFICATE OF AUTHORITY #001592
1301 BURLINGTON, SUITE 100
NORTH KANSAS CITY, MO 64116 TEL

www.olsson.com

