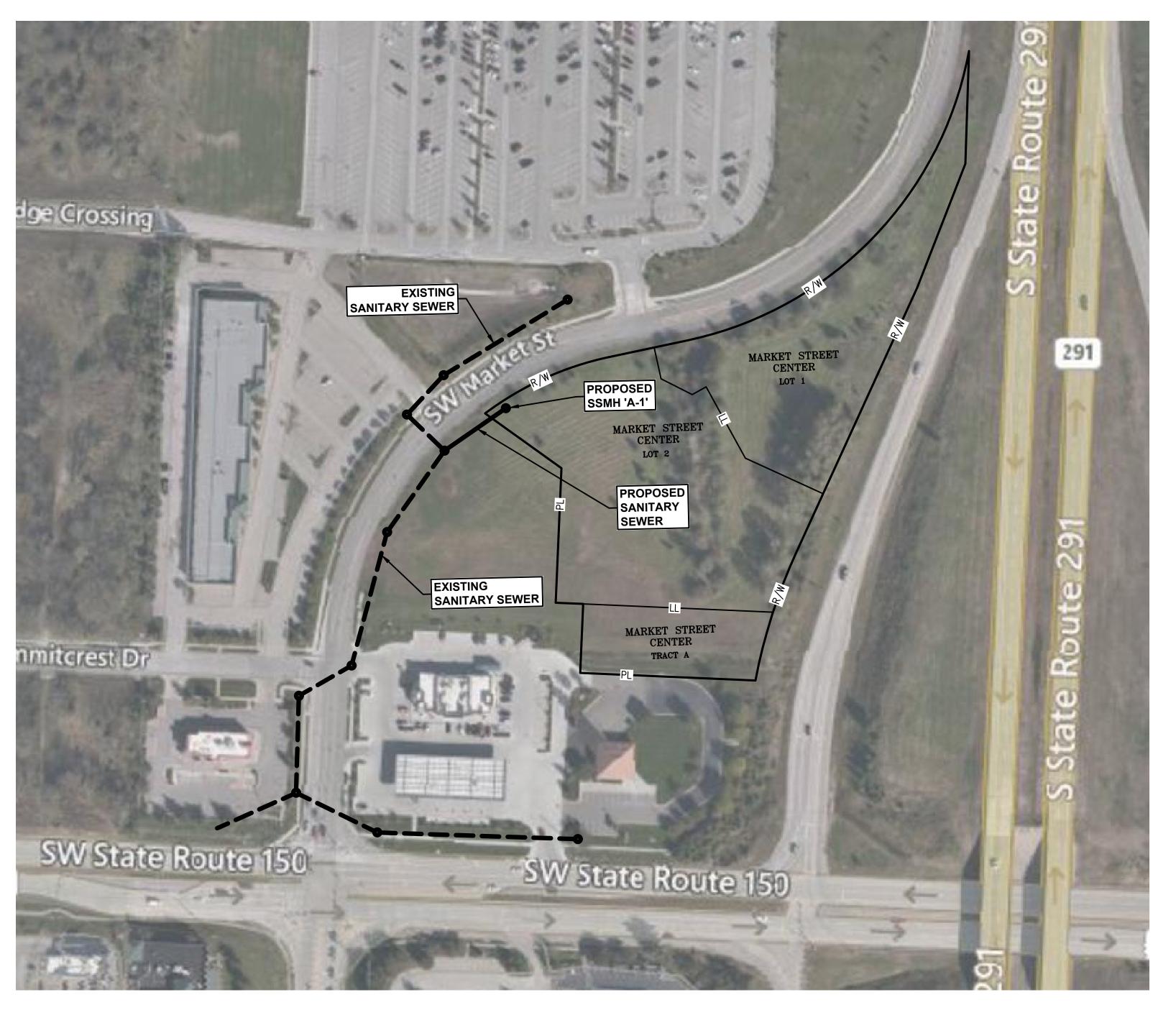
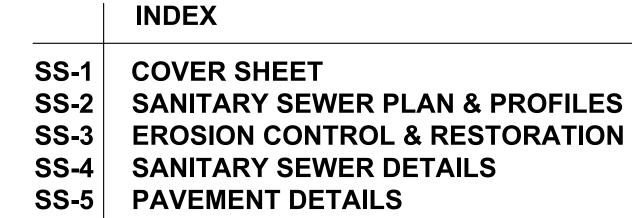
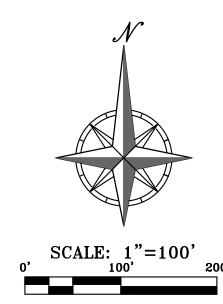
## **GENERAL NOTES:**

AND TECHNICAL SPECIFICATIONS, LATEST EDITIONS.







## **UTILITY COMPANIES:**

LEE'S SUMMIT, MO 64082

LEE'S SUMMIT, MO 64081

OVERLAND PARK, KANSAS 66207

(816) 969-2218 MISSOURI GAS ENERGY LUCAS WALLS (LUCAS.WALLS@SUG.COM) 3025 SOUTHEAST CLOVER DRIVE

(816) 347-4339 EVERGY PHILLIP INGRAM (PHILLIP.INGRAM@KCPL.COM) RON DEJARNETTE (RON.DEJARNETTE@KCPL.COM) (816) 347-4316 1300 HAMBLEN ROAD

LEE'S SUMMIT, MO 64081 STORM SEWER (PUBLIC WORKS DEPARTMENT) (816) 969-1800 220 SE GREEN STREET

LEE'S SUMMIT, MO 64063 SANITARY SEWER & WATER (WATER UTILITIES DEPT.) (816)-969-1900 1200 SE HAMBLEM ROAD,

AT&T (913) 383-4929 (913) 383-4849-FAX MR. CLAYTON ANSPAUGH (CA4089@ATT.COM) 9444 NALL AVENUE

151ST STREET NW1/4 SE1/4 159TH STREET

> VICINITY MAP SEC. 11-14-23



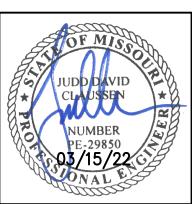
VISUAL INDICATIONS OF UTILITIES ARE AS SHOWN. UNDERGROUND LOCATIONS SHOWN, AS FURNISHED BY THEIR LESSORS, ARE APPROXIMATE AND SHOULD BE VERIFIED IN THE FIELD AT THE TIME OF CONSTRUCTION. FOR ACTUAL FIELD LOCATIONS OF UNDERGROUND UTILITIES CALL 811.

LEGEND OF SYMBOLS Proposed Sanitary Sewer
Existing Sanitary Sewer PL2022039 PRSUBD20221645

**RELEASED FOR** 

CONSTRUCTION
As Noted on Plans Review

PREPARED & SUBMITTED BY: PHELPS ENGINEERING, INC. 1270 N. WINCHESTER OLATHE, KANSAS 66061

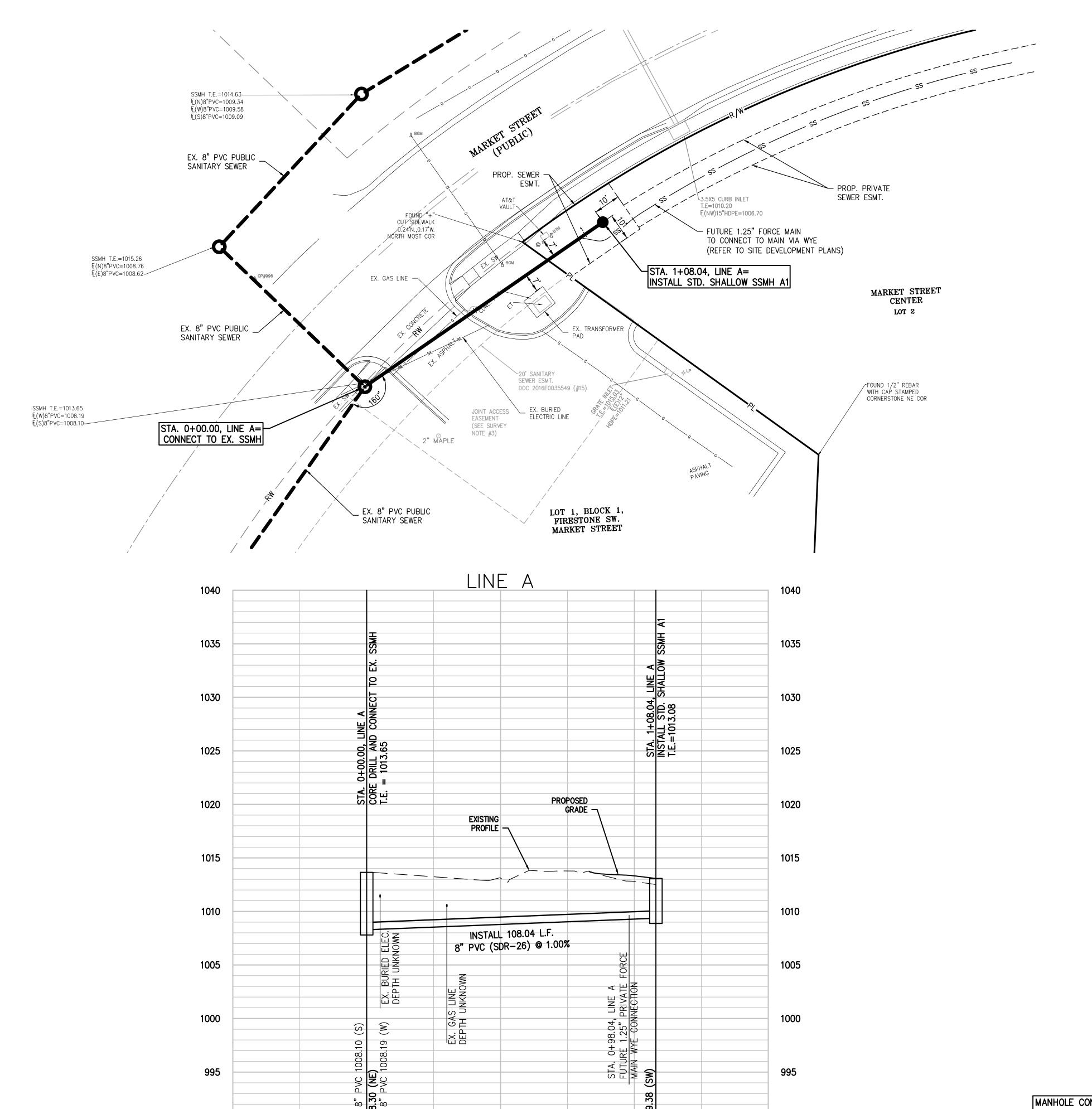


JUDD D. CLAUSSEN, MISSOURI P.E.#29850

DATE

SS-1

SHEET



990

0+00

0+50

1+00



PROFILE

ARY

RELEASED FOR CONSTRUCTION As Noted on Plans Review Development Services Departm Lee's Summit, Missouri 04/27/2022

SCALE: 1"=20' HORIZ. 1"= 5' VERT.

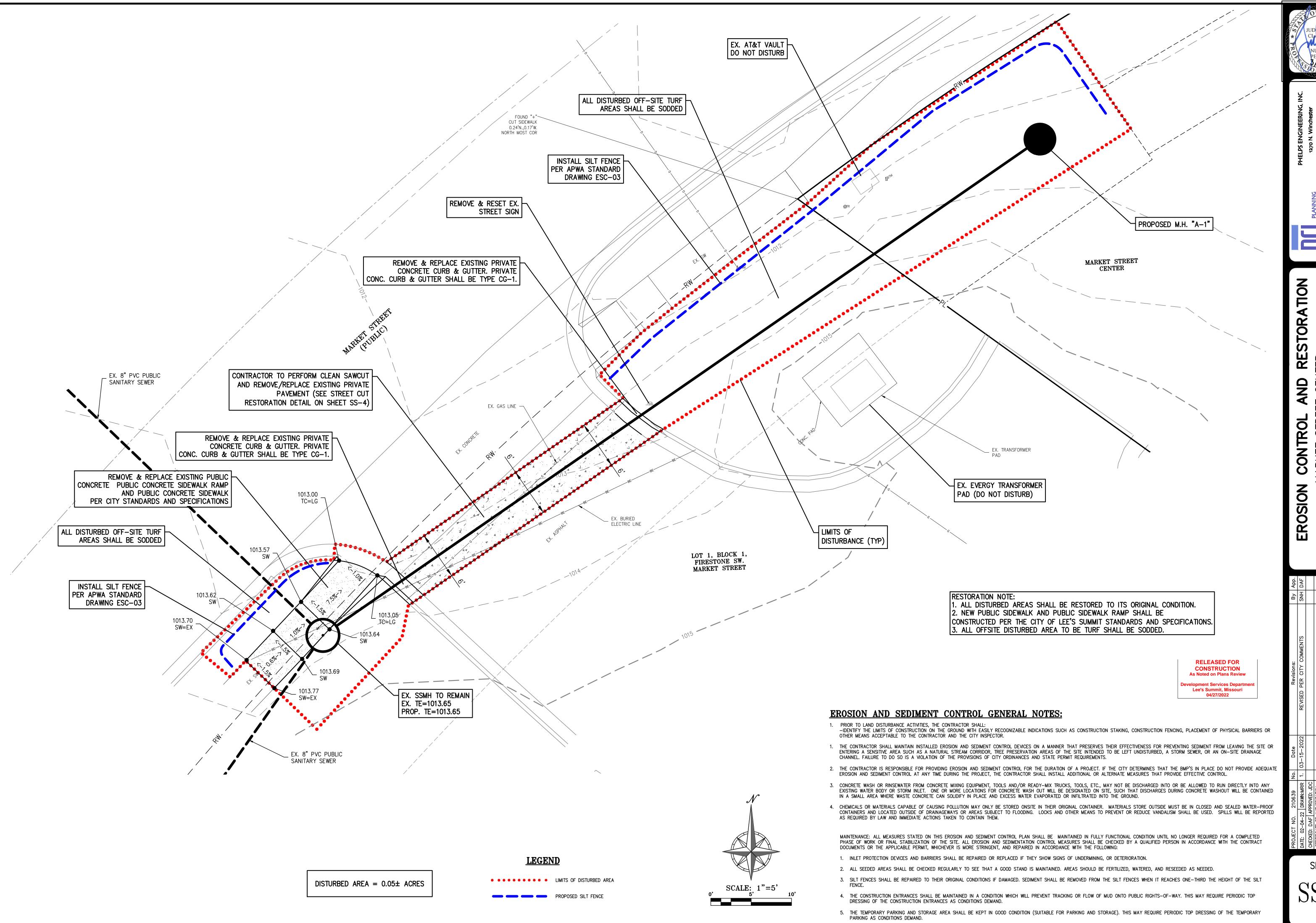
MANHOLE CONNECTION NOTE:

990

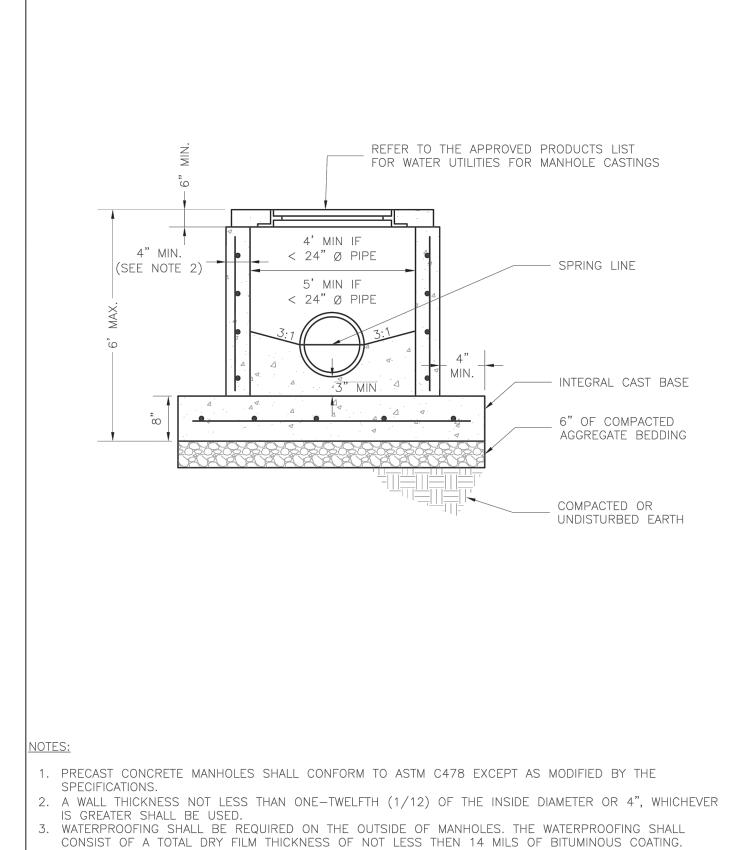
1. THE EXISTING MANHOLE WALL SHALL BE CORE DRILLED.

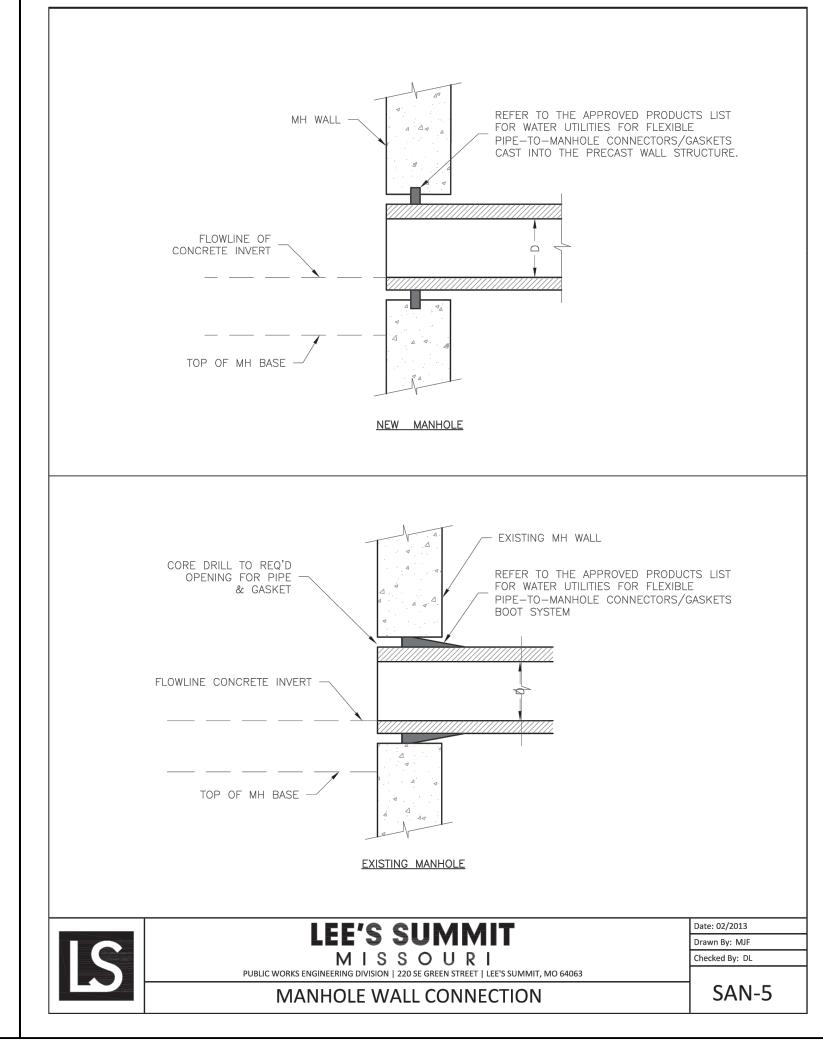
2. A FLEXIBLE PIPE—TO—MANHOLE CONNECTOR SHALL BE INSTALLED AS SHOWN IN THE STANDARD DRAWINGS.

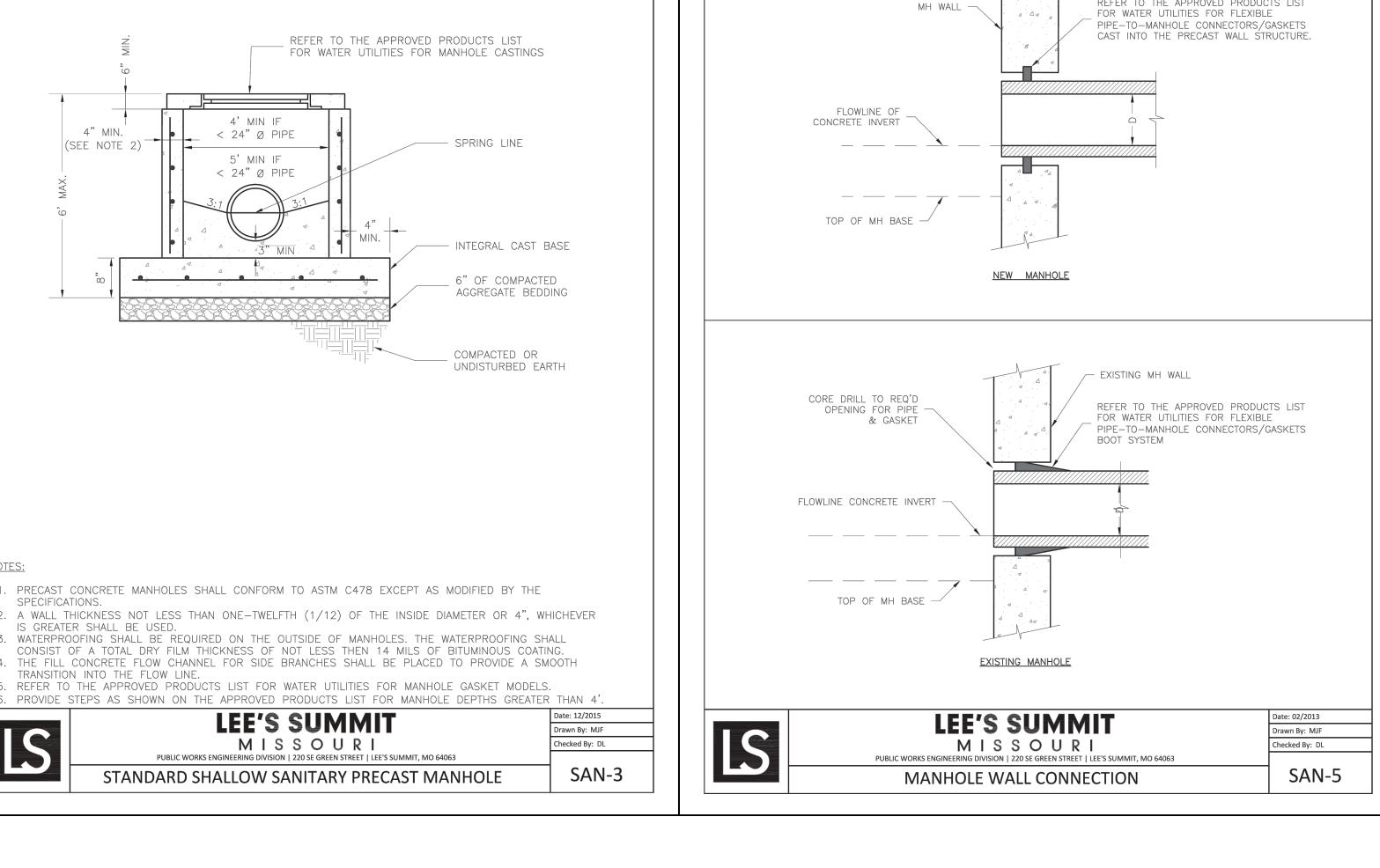
SHEET

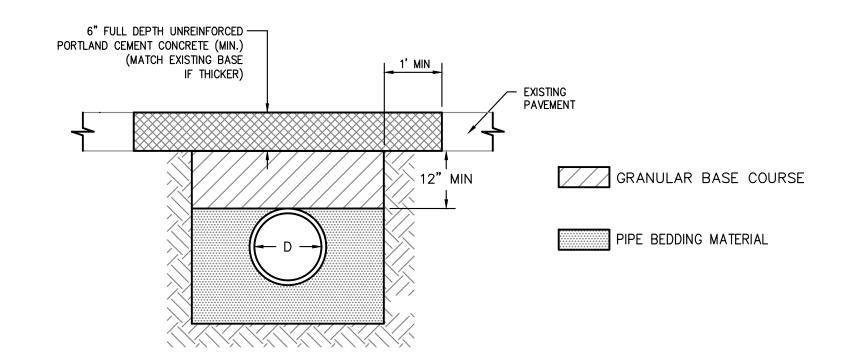


SHEET



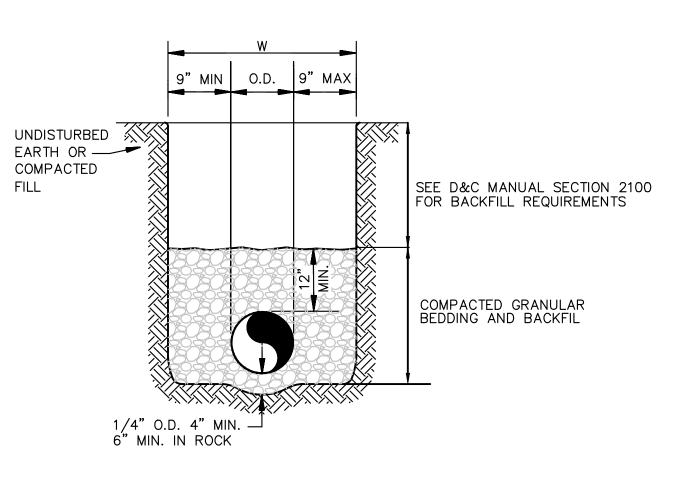






TRANSITION INTO THE FLOW LINE.

STREET CUT RESTORATION DETAIL



SANITARY SEWER - PVC (SDR-26) SCALE: NOT TO SCALE

PIPE INSTALLATION DETAIL



DETAIL

(Where necessary)

\_

PAID AS SIDEWALK/SHARED-USE PATH PAID AS RAMP

1/2" non-extruding filling t

ISOLATION JOINT

TYPE B SIDEWALK/SHARED-USE RAMP

CURB & GUTTER DETAIL AT RAMP

GEN-3A

└─ Match Existing

CONTRACTION JOINT

JOINT DETAILS

Not to Scale

1. CURB RAMP OPENING, NOT INCLUDING FLARES, SHALL MATCH EXISTING SIDEWALK WIDTH AND OPENING

2. USE 18" LONG #4 EPOXY COATED TIE BARS @ 24" O.C. EMBED TIE BARS 9" IN EACH DIRECTION. ALL RAMPS, SIDEWALKS, SHARED—USE PATHS SUBGRADE MUST BE OF STABLE, COMPACTED EARTH AND SHALL BE OVERLAYED WITH 4" COMPACTED DENSE GRADED AGGREGATE BASE.

5. ISOLATION JOINTS SHALL BE PLACED WHERE WALK ABUTS DRIVEWAYS AND SIMILAR STRUCTURES, AND

\*ROADWAY EXCEPTION: WHERE EXISTING ROAD PROFILE GRADE DOES NOT ALLOW RAMP TO MEET RAMP SLOPE REQUIREMENT OF 8.33% OR LESS, THE RAMP SHALL BE EXTENDED TO A LENGTH OF 15 FEET TO MATCH EXISTING SIDEWALK. CROSS SLOPE OF RAMP SHALL BE 1.5%, ±0.5%.

7. TURNING SPACES SHALL BE 1.5%, ±0.5%, SLOPE IN ANY DIRECTION. TURNING SPACES SHALL HAVE A MINIMUM 4'x4' TURNING AREA. TURNING SPACES, WITH A SIDEWALK CURB, SHALL HAVE A 5' TURNING AREA PERPENDICULAR TO THE SIDEWALK CURB.

8. FOR RETROFIT WORK, SLOPES TO BE DETERMINED IN FIELD BY CONTRACTOR AND APPROVED BY CITY INSPECTOR

9. RAMP EXTENSION AREA SHALL NOT BE USED AS TRANSITION TO EXISTING SIDEWALK. ANY TRANSITIONS REQUIRED TO MATCH RAMPS TO EXISTING SIDEWALK SHALL REQUIRE REMOVAL AND REPLACEMENT OF ADDITIONAL SIDEWALK BEYOND THE RAMP AREA. SIDEWALK TRANSITION LENGTH SHALL BE EQUAL TO OR GREATER THAN THE WIDTH OF THE EXISTING SIDEWALK. RAMP EXTENSIONS SHALL BE A

10. ALL SIDEWALK AND RAMP CONSTRUCTION SHALL MEET CURRENT PUBLIC RIGHT OF WAY ACCESSIBILITY

SIDEWALK CURB DETAIL

SHALL BE AT LEAST 48" WIDE.

6. ADA MAXIMUM RAMP SLOPE = 8.33% ADA MAXIMUM CROSS SLOPE = 2.0%

GUIDELINES (PROWAG).

4. LONGITUDINAL JOINT SPACING TO MATCH WIDTH OF SIDEWALK.

Tie Bors\_\_\_\_(See Note 2)

Ramp cross slope=2% Max. Ramp slope=8.33% Max.—

Sidewalk Curb
(Where Necessary)
Detail @ Right Shared—Use Path Width

SECTION B-B

TYPE A SIDEWALK/SHARED-USE RAMP

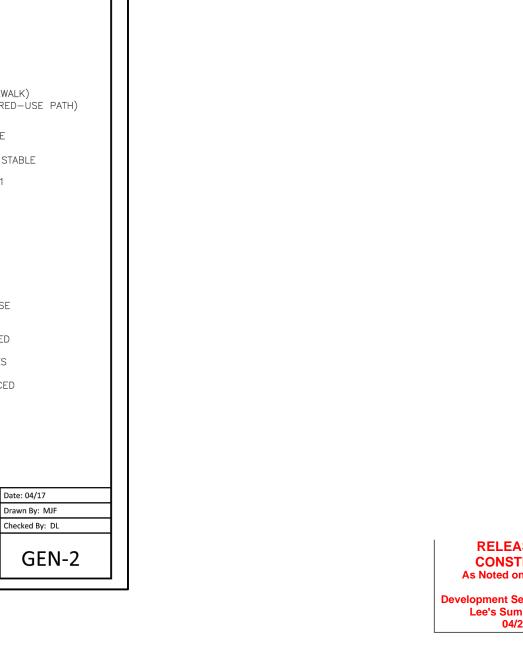
Not to Scale

PAID AS RAMP | PAID AS SIDEWALK OR SHARE-USE PATH

SECTION A-A

TYPE A & B SIDEWALK RAMP

SECTION C-C



CURB & GUTTER DETAIL AT RAMP

(ADA SLOPE REQUIREMENTS)

2" ASPHALTIC CONCRETE SURFACE COURSE

CURB REPLACEMENT DETAIL

END WITH EXPANSION TUBES.

THE ENTIRE CURB SECTION.

GENERAL NOTES

CURB & GUTTER

COMPACTED

STABLE SUBGRADE

CONCRETE FILL (DEPTH

VARIES, 4" MINIMUM)

VARIES

1.  $\frac{3}{4}$ " ISOLATION JOINTS WITH 3 (2'-#5 BAR) SMOOTH DOWELS SHALL BE PLACED AT RADIUS POINTS AND AT 150' INTERVALS.

2. 3" DEEP CONTRACTION JOINTS SHALL BE INSTALLED AT

3. CONCRETE FILL SHALL HAVE UNIFORM AND SMOOTH FINISH 4. KCMMB 4K CONCRETE SHALL BE USED FOR ALL CURB.

5. ASPHALTIC CONCRETE SURFACE COURSE SHALL CONFORM TO

6. CURBS FOR NEW STREETS SHALL BE BUILT ON ASPHALT OR AGGREGATE BASE AS SHOWN IN TYPICAL SECTION DETAIL.

CONCRETE SURFACE IMMEDIATELY AFTER FINAL FINISHING.

7. WHITE CURING COMPOUND MUST BE APPLIED UNIFORMLY TO THE

STANDARD SPECIFICATIONS SECTION 2205.2.

THESE DOWEL BARS SHALL BE GREASED AND WRAPPED ON ONE

APROXIMATELY 10' INTERVALS. THESE JOINTS SHALL PASS ACROSS

- SAW CUT TO AGGREGATE

BASE OR SUBGRADE

EXISTING PAVEMENT

SIDEWALK OR SHARED-USE PATH

**→** 1.5% SLOPE

SIDEWALK/SHARED-USE PATH WITHOUT BUFFER
NOT TO SCALE

∕-- R=11"

ROLL BACK CURB &

(TYPE CG-2)

4" - 8" - 8" - 4" -

ROLL BACK DRY CURB & GUTTER

(TYPE CG-2 DRY)

4" -- 8" -- 8" -- 4" --

24"

STRAIGHT BACK CURB &

(TYPE CG-1)

24" —

STRAIGHT BACK DRY CURB &

(TYPE CG-1 DRY)

ISOLATION JOINT —

VARIES

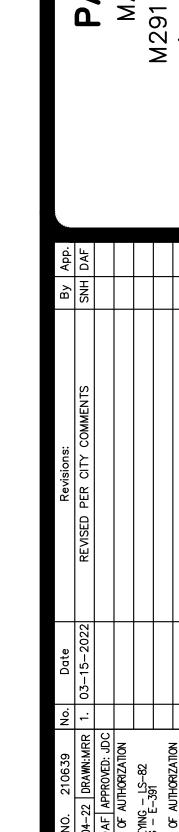
4" CONCRETE (SIDEWALK) 6" CONCRETE (SHARED-USE PATH)

─ 4" COMPACTED AGGREGATE BASE

\_\_\_\_ MIN. 2% 

> - COMPACTED STABLE SUBGRADE \*SEE NOTE 1

> > **RELEASED FOR** CONSTRUCTION As Noted on Plans Review Lee's Summit, Missouri 04/27/2022



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