

September 19, 2018

Missouri Department of Natural Resources  
Water Protection Program  
P.O. Box 176  
Jefferson City, MO 65102-0176

Re: Creekside at Raintree, MO0101087, Construction Permit ID MOGC00242  
Statement of Work Completed, As-Builts  
LandRock Development, L.L.C.

Dear Mr. Mefrakis,

Please find enclosed the following to support the closeout of the Creekside at Raintree Construction Permit:

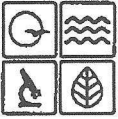
- Completed Application for Letter of Authorization – Sewer Extension, signed by the applicant (LandRock Development, LLC) and engineer.
- One (1) CD containing as-built PDF's of the sanitary sewer extension.

Please contact me at (816) 347-1136 or William.Neds@hdrinc.com should you have any questions.

Sincerely,

William Neds  
*Engineer in Training*

Cc: JP Roberts LandRock Development, LLC



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
WATER PROTECTION PROGRAM  
**WASTEWATER CONSTRUCTION STATEMENT OF WORK COMPLETED**

**PART A – BASIC INFORMATION – All applicants must complete Part A.**

**1. THIS FORM IS FOR:**

- ☒ Construction is complete.
- ☐ Construction is substantially complete and operable. Expected date of completion: \_\_\_\_\_

**2. ISSUANCE OF AN OPERATING PERMIT:**

- ☐ Request issuance of the new/modified site-specific operating permit previously public noticed. MO- \_\_\_\_\_
- ☐ Request general operating permit from the appropriate regional office at least 60 days prior to operation.  
MO-G \_\_\_\_\_; ☐ Form B or ☐ Form E; ☐ Appropriate fee
- ☒ No issuance of a new/modified operating permit is necessary.

**3. PROJECT INFORMATION**


NAME OF THE PROJECT Creekside at Raintree	ESTIMATED PROJECT CONSTRUCTION COST \$ 118,020.00	FINAL PROJECT CONSTRUCTION COST \$ 126,000.00
CONSTRUCTION PERMIT # CP MOGC00242	RECEIVING WASTEWATER TREATMENT FACILITY # MO- 0101087	DEPARTMENT FUNDED PROJECT #

**4. AS-BUILT PLANS**


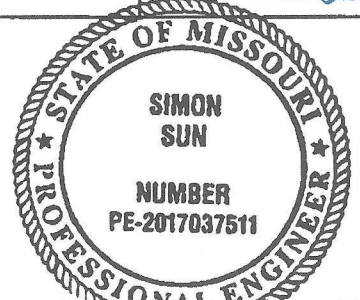
If construction is complete, an electronic copy of the as-builts is required and included with this form when:

- ☒ Nondepartment funded projects, in which changes from the previously submitted plans and specifications occurred.
- ☐ Department funded projects.
- ☐ N/A

**5. PROJECT OWNER:** I hereby affirm that I am familiar with the information contained in this form and to the best of my knowledge and belief such information is true, complete and accurate.

AUTHORIZED SIGNATURE 	TITLE OR CORPORATE POSITION Owner
PRINTED NAME John Roberts	DATE 9.27.2018

**6. ENGINEER:** I hereby affirm, to the best of my knowledge and belief, based on inspections, observations, testing of the construction and upon reports submitted by others, that this wastewater project is substantially complete and operable. The construction was completed in accordance with the department's issued construction permit.

SIGNATURE 	PRINTED NAME Simon Sun	DATE 09-05-2018	
CONSULTING FIRM NAME HDR, Inc.			
ADDRESS 3741 NE Troon Dr.			
CITY Lee's Summit	STATE MO		ZIP CODE 64064
EMAIL ADDRESS simon.sun@hdrinc.com			
TELEPHONE NUMBER WITH AREA CODE (816) 347-1136			

Mail completed form and any attachments to one of the following:

For Nondepartment-Funded Projects:

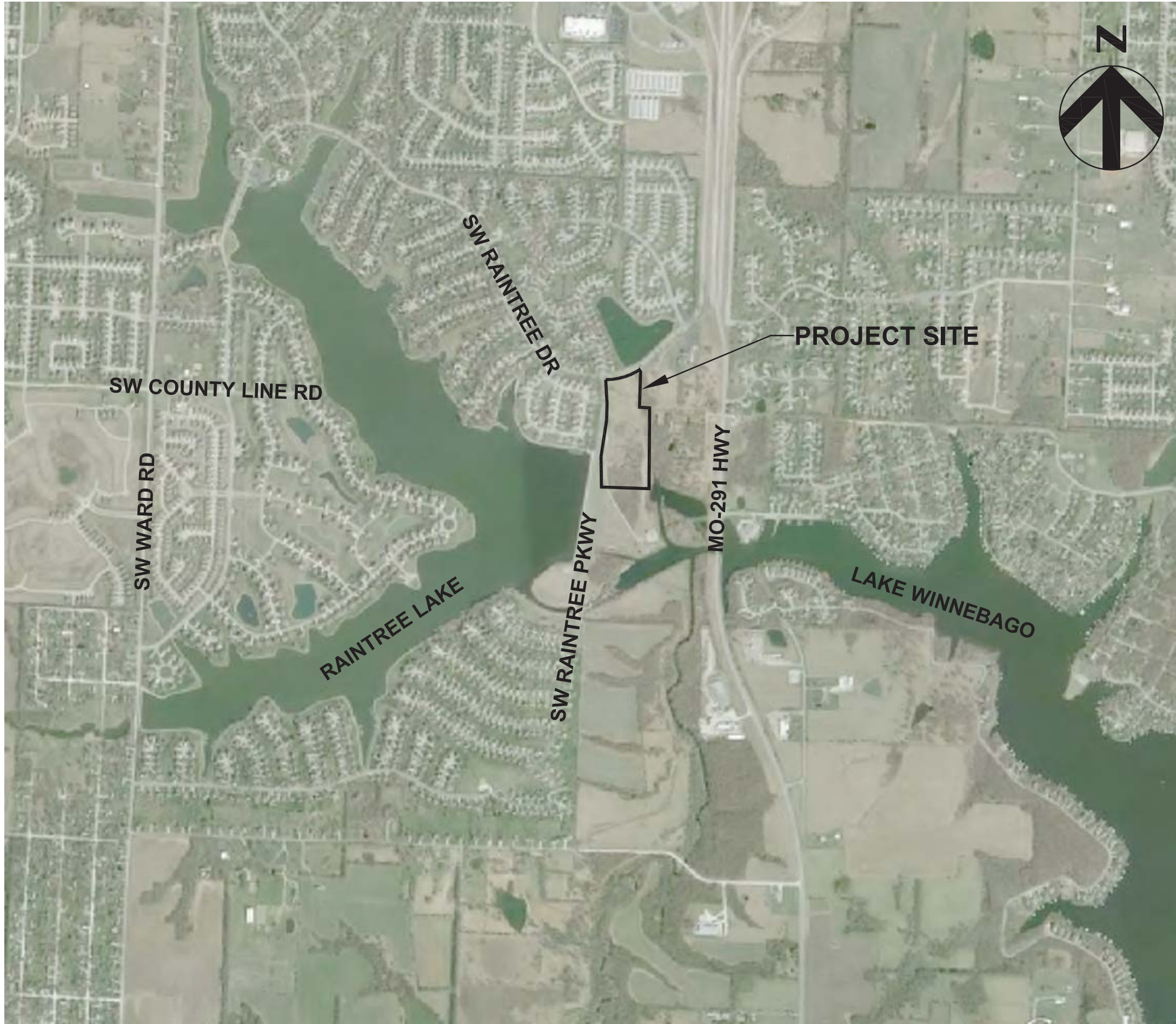
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
WATER PROTECTION PROGRAM  
ATTN: ENGINEERING SECTION  
P.O. BOX 176  
JEFFERSON CITY, MO 65102-0176

For Department-Funded Projects:

MISSOURI DEPARTMENT OF NATURAL RESOURCES  
WATER PROTECTION PROGRAM  
ATTN: FINANCIAL ASSISTANCE CENTER  
P.O. BOX 176  
JEFFERSON CITY, MO 65102-0176

**END OF PART A.**





Permit Review Drawings For

# CREEKSIDE AT RAINTREE LOTS 1 THRU 31 AND TRACTS A THRU F SANITARY SEWER PLANS

IN THE CITY OF LEE'S SUMMIT  
JACKSON & CASS COUNTY, MISSOURI

SECTION 31, TOWNSHIP 47 N, RANGE 31 W  
SECTION 32, TOWNSHIP 47 N, RANGE 31 W  
SECTION 5, TOWNSHIP 46 N, RANGE 31 W

HDR Project No.  
10028402-276408

Lee's Summit, MO  
February 2017

## PLAN SHEET INDEX

01C-CR-SS-00	COVER SHEET
01C-CR-SS-01	GENERAL LAYOUT AND NOTES
01C-CR-SS-02	SANITARY SEWER PLAN AND PROFILE LINE 1-A
01C-CR-SS-03	SANITARY SEWER PLAN AND PROFILE LINE 1-A AND LINE 1-B
01C-CR-SS-04	SANITARY SEWER PLAN AND PROFILE LINE 1-C
01C-CR-SS-05	SANITARY SEWER DETAILS
01C-CR-SS-06	SANITARY SEWER DETAILS

## OWNER CONTACT

J.P. Roberts  
Landrock Development, LLC  
4335 McGee St  
Kansas City, MO 64111  
jp@landrocksignaturehomes.com  
(816) 863-5588

## CONSULTANT CONTACT

Simon Sun  
HDR Engineering, Inc.  
4435 Main St, Suite 1000  
Kansas City, MO 64111  
simon.sun@hdrinc.com  
(816) 360-2765

## UTILITIES

ELECTRIC: KCP&L	816-471-5275
GAS: LACLEDE GAS, MISSOURI GAS ENERGY DIVISION	816-756-5252
TELEPHONE: AT&T	816-325-5607
CABLE: TIME WARNER	816-358-8833
WATER: LEE'S SUMMIT WATER UTILITIES	816-969-1900
SEWER: LEE'S SUMMIT PUBLIC WORKS	816-969-1800
INTERCEPTOR SEWER: LITTLE BLUE VALLEY SEWER DISTRICT	816-796-7660



Know what's below.  
Call before you dig.

### UTILITY NOTES:

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 IN MISSOURI, CALL 1-800-344-7483.



3741 NE TROON DR  
LEE'S SUMMIT, MO 64064  
816.347.1100

MO STATE CERTIFICATE OF  
AUTHORITY #000856

PROJECT FOR

**LANDROCK  
DEVELOPMENT, LLC**

**CREEKSIDE AT RAINTREE  
LOTS 1 THRU 31  
LEE'S SUMMIT, MISSOURI**

B	04/14/2017	CITY RESUBMITTAL
A	03/08/2017	CITY SUBMITTAL
MARK	DATE	DESCRIPTION

PROJECT NUMBER	10028825-276408
ORIGINAL ISSUE	MARCH 7, 2017

PROJECT MANAGER	SIMON SUN
PROJECT ENGINEER	WILL NEDS, E.I.T.



SHEET NAME

**COVER SHEET**

SCALE  
NO SCALE

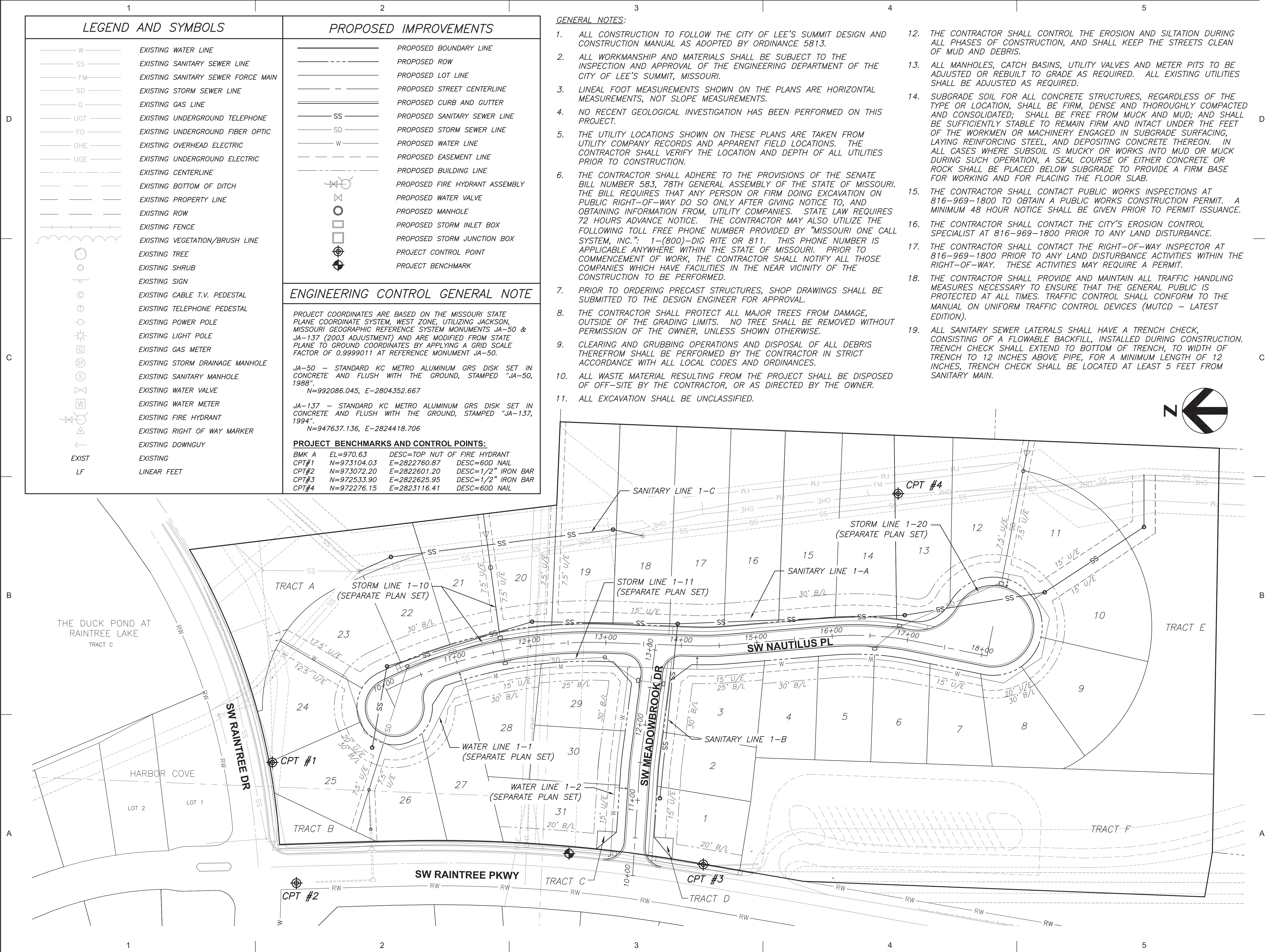
SHEET NUMBER

**01C-CR-SS-00**

FILE NAME | 01C-CR-SS-00.dwg

PERMIT REVIEW DRAWINGS





3741 NE TROON DR  
LEE'S SUMMIT, MO 64064  
816.347.1100

MO STATE CERTIFICATE OF  
AUTHORITY #000856

PROJECT FOR

LANDROCK  
DEVELOPMENT, LLC

CREEKSIDE AT RAINTREE  
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PROJECT MANAGER	SIMON SUN
PROJECT ENGINEER	WILL NEDS, E.I.T.



SHEET NAME

GENERAL LAYOUT  
AND NOTES



SHEET NUMBER

01C-CR-SS-01

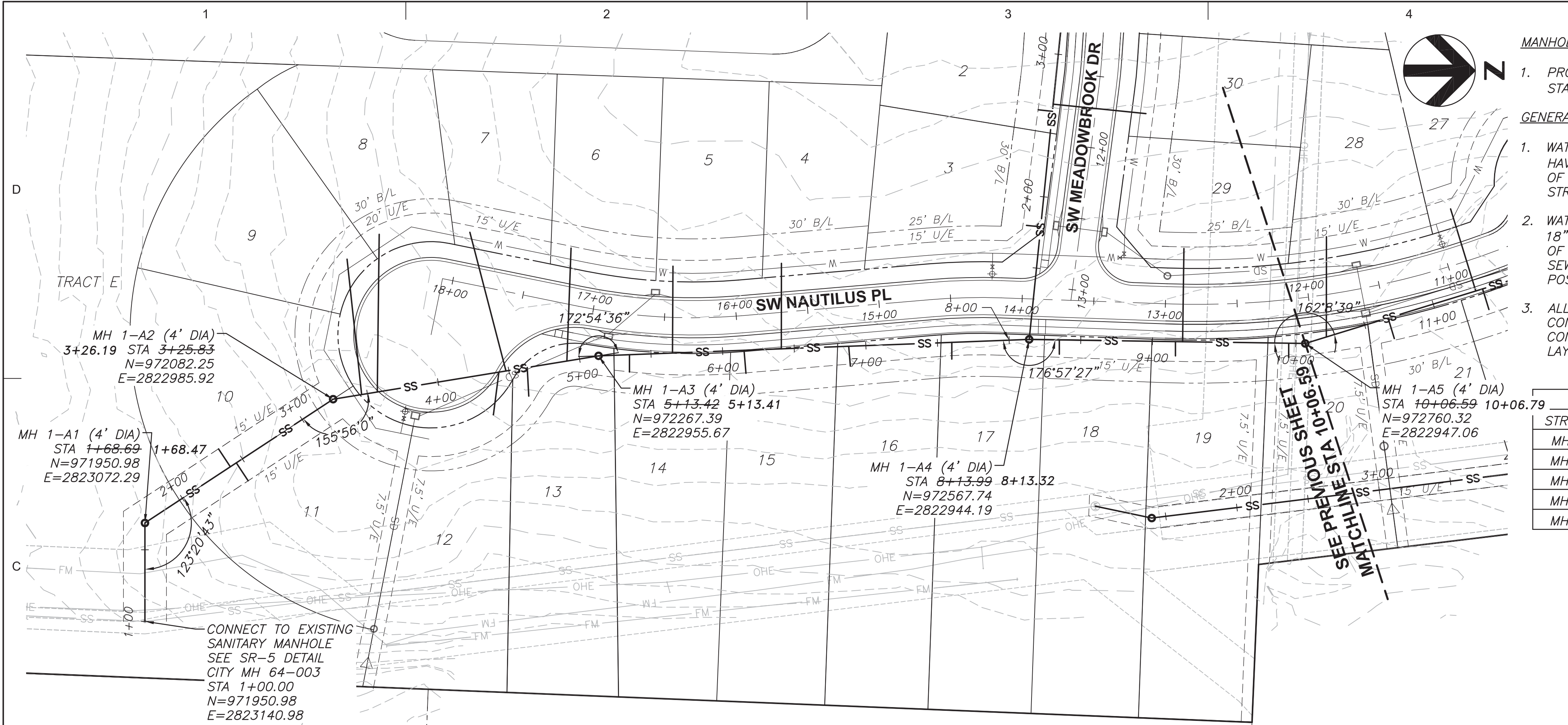
FILE NAME | 01C-CR-SS-01.dwg

PERMIT REVIEW DRAWINGS

GENERAL NOTES:

- ALL CONSTRUCTION TO FOLLOW THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL AS ADOPTED BY ORDINANCE 5813.
- ALL WORKMANSHIP AND MATERIALS SHALL BE SUBJECT TO THE INSPECTION AND APPROVAL OF THE ENGINEERING DEPARTMENT OF THE CITY OF LEE'S SUMMIT, MISSOURI.
- LINEAL FOOT MEASUREMENTS SHOWN ON THE PLANS ARE HORIZONTAL MEASUREMENTS, NOT SLOPE MEASUREMENTS.
- NO RECENT GEOLOGICAL INVESTIGATION HAS BEEN PERFORMED ON THIS PROJECT.
- THE UTILITY LOCATIONS SHOWN ON THESE PLANS ARE TAKEN FROM UTILITY COMPANY RECORDS AND APPARENT FIELD LOCATIONS. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL ADHERE TO THE PROVISIONS OF THE SENATE BILL NUMBER 583, 78TH GENERAL ASSEMBLY OF THE STATE OF MISSOURI. THE BILL REQUIRES THAT ANY PERSON OR FIRM DOING EXCAVATION ON PUBLIC RIGHT-OF-WAY DO SO ONLY AFTER GIVING NOTICE TO, AND OBTAINING INFORMATION FROM, UTILITY COMPANIES. STATE LAW REQUIRES 72 HOURS ADVANCE NOTICE. THE CONTRACTOR MAY ALSO UTILIZE THE FOLLOWING TOLL FREE PHONE NUMBER PROVIDED BY "MISSOURI ONE CALL SYSTEM, INC.": 1-(800)-DIG RITE OR 811. THIS PHONE NUMBER IS APPLICABLE ANYWHERE WITHIN THE STATE OF MISSOURI. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL NOTIFY ALL THOSE COMPANIES WHICH HAVE FACILITIES IN THE NEAR VICINITY OF THE CONSTRUCTION TO BE PERFORMED.
- PRIOR TO ORDERING PRECAST STRUCTURES, SHOP DRAWINGS SHALL BE SUBMITTED TO THE DESIGN ENGINEER FOR APPROVAL.
- THE CONTRACTOR SHALL PROTECT ALL MAJOR TREES FROM DAMAGE, OUTSIDE OF THE GRADING LIMITS. NO TREE SHALL BE REMOVED WITHOUT PERMISSION OF THE OWNER, UNLESS SHOWN OTHERWISE.
- CLEARING AND GRUBBING OPERATIONS AND DISPOSAL OF ALL DEBRIS THEREFROM SHALL BE PERFORMED BY THE CONTRACTOR IN STRICT ACCORDANCE WITH ALL LOCAL CODES AND ORDINANCES.
- ALL WASTE MATERIAL RESULTING FROM THE PROJECT SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR, OR AS DIRECTED BY THE OWNER.
- ALL EXCAVATION SHALL BE UNCLASSIFIED.
- THE CONTRACTOR SHALL CONTROL THE EROSION AND SILTATION DURING ALL PHASES OF CONSTRUCTION, AND SHALL KEEP THE STREETS CLEAN OF MUD AND DEBRIS.
- ALL MANHOLES, CATCH BASINS, UTILITY VALVES AND METER PITS TO BE ADJUSTED OR REBUILT TO GRADE AS REQUIRED. ALL EXISTING UTILITIES SHALL BE ADJUSTED AS REQUIRED.
- SUBGRADE SOIL FOR ALL CONCRETE STRUCTURES, REGARDLESS OF THE TYPE OR LOCATION, SHALL BE FIRM, DENSE AND THOROUGHLY COMPACTED AND CONSOLIDATED; SHALL BE FREE FROM MUCK AND MUD; AND SHALL BE SUFFICIENTLY STABLE TO REMAIN FIRM AND INTACT UNDER THE FEET OF THE WORKMEN OR MACHINERY ENGAGED IN SUBGRADE SURFACING, LAYING REINFORCING STEEL, AND DEPOSITING CONCRETE THEREON. IN ALL CASES WHERE SUBSOIL IS MUCKY OR WORKS INTO MUD OR MUCK DURING SUCH OPERATION, A SEAL COURSE OF EITHER CONCRETE OR ROCK SHALL BE PLACED BELOW SUBGRADE TO PROVIDE A FIRM BASE FOR WORKING AND FOR PLACING THE FLOOR SLAB.
- THE CONTRACTOR SHALL CONTACT PUBLIC WORKS INSPECTIONS AT 816-969-1800 TO OBTAIN A PUBLIC WORKS CONSTRUCTION PERMIT. A MINIMUM 48 HOUR NOTICE SHALL BE GIVEN PRIOR TO PERMIT ISSUANCE.
- THE CONTRACTOR SHALL CONTACT THE CITY'S EROSION CONTROL SPECIALIST AT 816-969-1800 PRIOR TO ANY LAND DISTURBANCE.
- THE CONTRACTOR SHALL CONTACT THE RIGHT-OF-WAY INSPECTOR AT 816-969-1800 PRIOR TO ANY LAND DISTURBANCE ACTIVITIES WITHIN THE RIGHT-OF-WAY. THESE ACTIVITIES MAY REQUIRE A PERMIT.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL TRAFFIC HANDLING MEASURES NECESSARY TO ENSURE THAT THE GENERAL PUBLIC IS PROTECTED AT ALL TIMES. TRAFFIC CONTROL SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD - LATEST EDITION).
- ALL SANITARY SEWER LATERALS SHALL HAVE A TRENCH CHECK, CONSISTING OF A FLOWABLE BACKFILL, INSTALLED DURING CONSTRUCTION. TRENCH CHECK SHALL EXTEND TO BOTTOM OF TRENCH, TO WIDTH OF TRENCH TO 12 INCHES ABOVE PIPE, FOR A MINIMUM LENGTH OF 12 INCHES. TRENCH CHECK SHALL BE LOCATED AT LEAST 5 FEET FROM SANITARY MAIN.

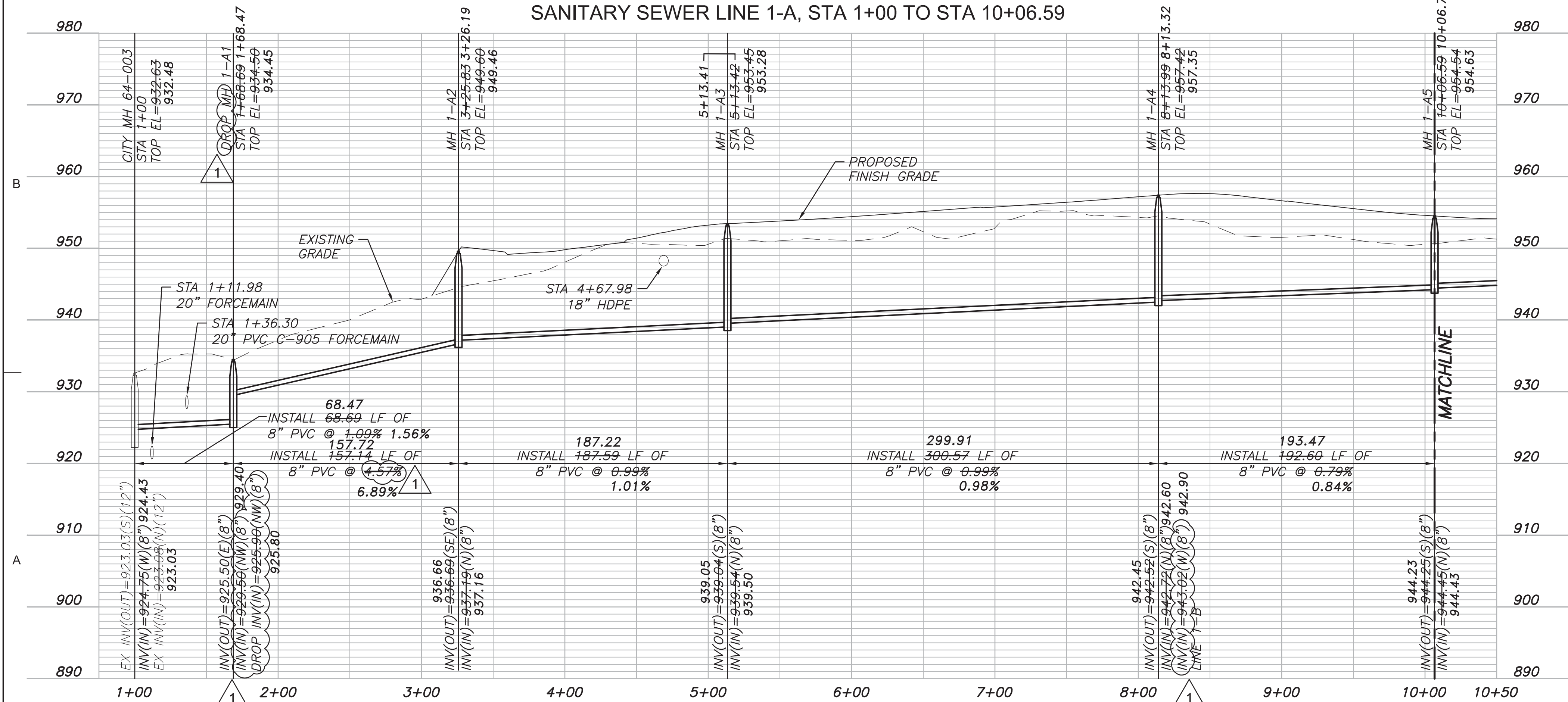




- MANHOLE STRUCTURE NOTE:
- PROPOSED MANHOLES SHALL CONFORM TO LEE'S SUMMIT STANDARD DETAILS (SAN-2, SAN-3, AND SAN-4).
- GENERAL NOTES:
- WATER MAINS AND SANITARY SEWER MAINS/STRUCTURES SHALL HAVE AT LEAST 10' OF HORIZONTAL SEPARATION FROM EDGE OF WATER PIPE TO EDGE OF SEWER PIPE OR SEWER STRUCTURE.
  - WATER MAINS AND SANITARY SEWERS SHALL HAVE AT LEAST 18" OF VERTICAL SEPARATION FROM EDGE OF PIPE TO EDGE OF PIPE. THE CROSSING SHALL BE ARRANGED SO THAT THE SEWER JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE WATER MAIN JOINTS.
  - ALL SANITARY SEWER LATERALS SHALL HAVE A TRENCH CHECK, CONSISTING OF FLOWABLE BACKFILL, INSTALLED DURING CONSTRUCTION. REFER TO GENERAL NOTE 19 ON GENERAL LAYOUT SHEET FOR ADDITIONAL INFORMATION.

SANITARY SEWER STRUCTURE TABLE		
STRUCTURE	STATION & OFFSET	STREET NAME
MH 1-A1	19+76.80, 208.44' LT	SW NAUTILUS PL
MH 1-A2	18+56.36, 97.65' LT	SW NAUTILUS PL
MH 1-A3	16+91.45, 31.63' LT	SW NAUTILUS PL
MH 1-A4	13+94.09, 28.26' LT	SW NAUTILUS PL
MH 1-A5	12+06.09, 31.84' LT	SW NAUTILUS PL

LINE 1-A - LATERAL TABLE				
MAIN STATION	MAIN INV @ LATERAL	MIN INV @ END LATERAL	LATERAL LENGTH	LOT SERVED
2+40	932.76	934.39	15 LF	10
2+45	932.99	934.62	10 LF	11
3+46	937.39	940.62	95 LF	9
3+57	937.50	941.03	110 LF	8
3+43	937.36	939.29	30 LF	12
4+48	938.40	941.73	100 LF	7
4+63	938.55	940.48	30 LF	13
4+91	938.83	941.66	75 LF	6
5+35	939.75	941.28	10 LF	14
5+65	940.05	942.68	65 LF	5
6+15	940.55	942.08	10 LF	15
6+41	940.80	943.43	65 LF	4
6+88	941.27	942.80	10 LF	16
7+60	941.99	943.52	10 LF	17
8+35	942.89	945.75	10 LF	18
9+16	943.53	945.06	10 LF	19
9+21	943.78	946.41	65 LF	29
9+95	944.15	945.68	10 LF	20



"AS-BUILT"  
August 24, 2018

LATERAL TABLE CONTAINS DESIGN ELEVATIONS. HOME BUILDERS SHALL FIELD VERIFY AS-BUILT LATERAL ELEVATIONS



3741 NE TROON DR  
LEE'S SUMMIT, MO 64064  
816.347.1100

MO STATE CERTIFICATE OF  
AUTHORITY #000856

PROJECT FOR

LANDROCK  
DEVELOPMENT, LLC

CREEKSIDE AT RAINTREE  
LOTS 1 THRU 31  
LEE'S SUMMIT, MISSOURI

D	08/24/18	AS-BUILT
C	07/28/2017	CITY RESUBMITTAL
B	05/01/2017	CITY RESUBMITTAL
A	03/08/2017	CITY SUBMITTAL
MARK	DATE	DESCRIPTION

PROJECT NUMBER	10028825-276408
ORIGINAL ISSUE	MARCH 7, 2017

PROJECT MANAGER	SIMON SUN
PROJECT ENGINEER	WILL NEDS, E.I.T.

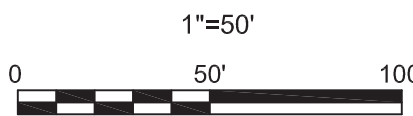


09-08-2018

SHEET NAME

SANITARY SEWER  
PLAN AND PROFILE  
LINE 1-A  
STA 1+00 TO STA 10+06.59

SCALE



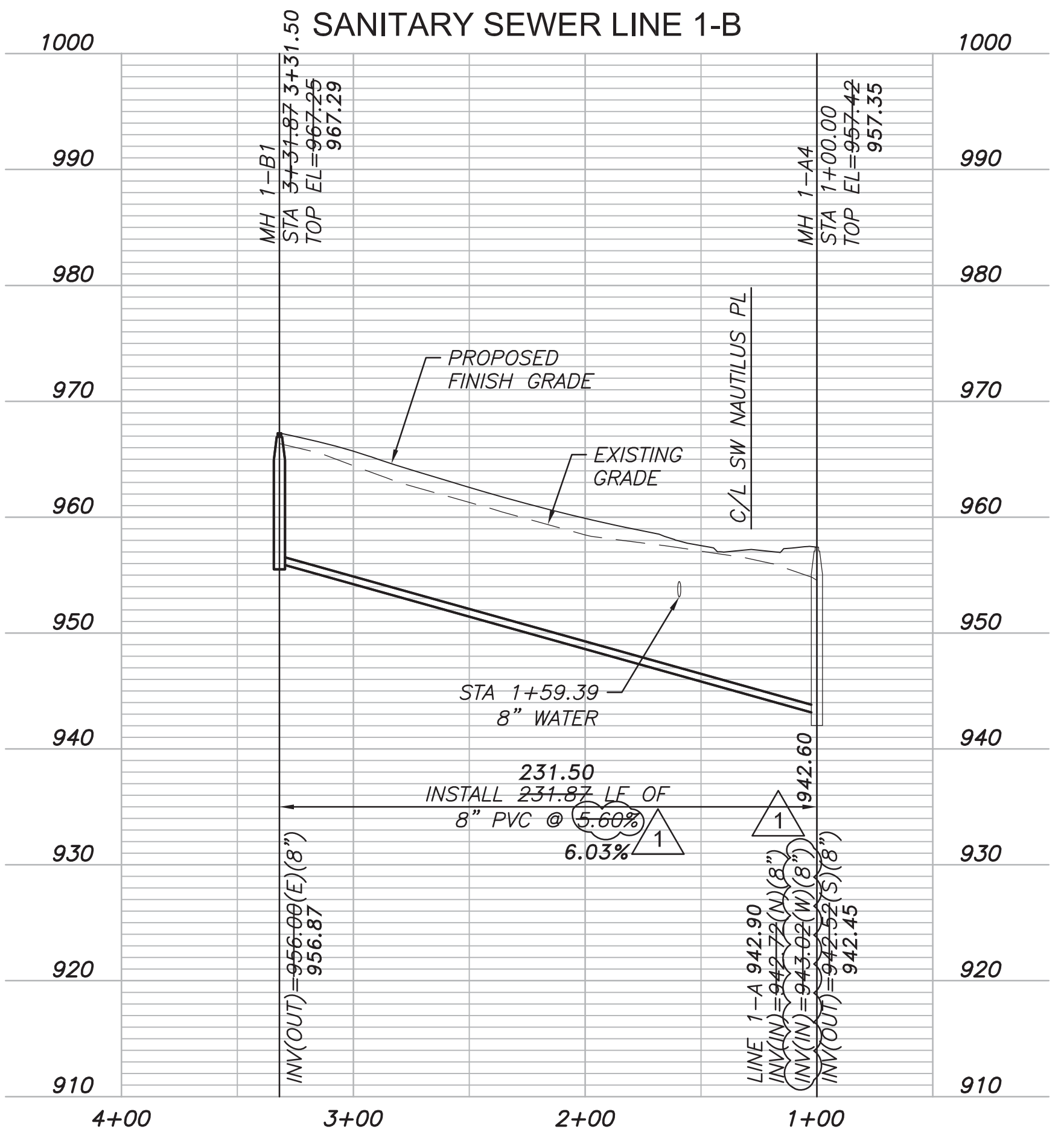
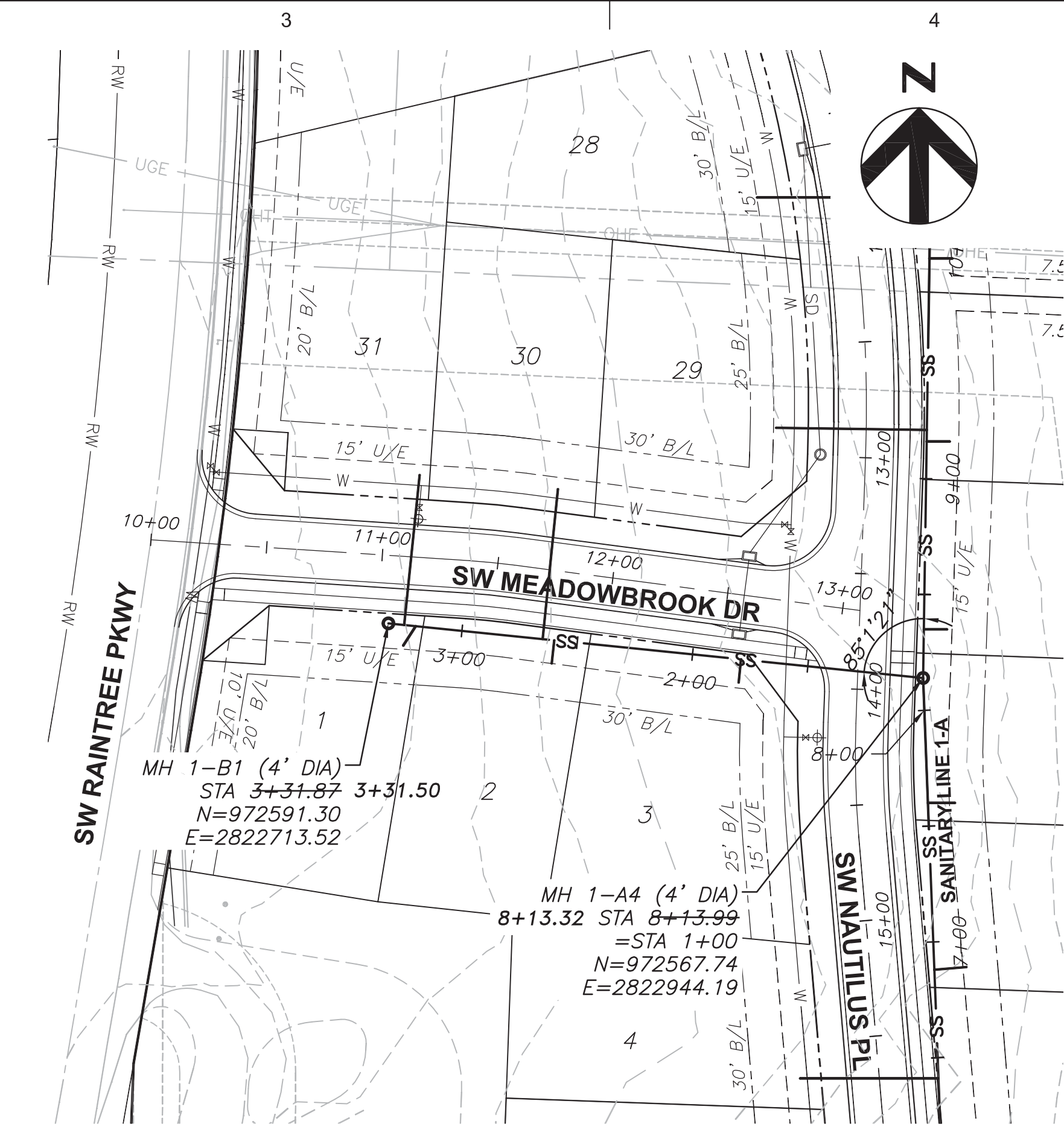
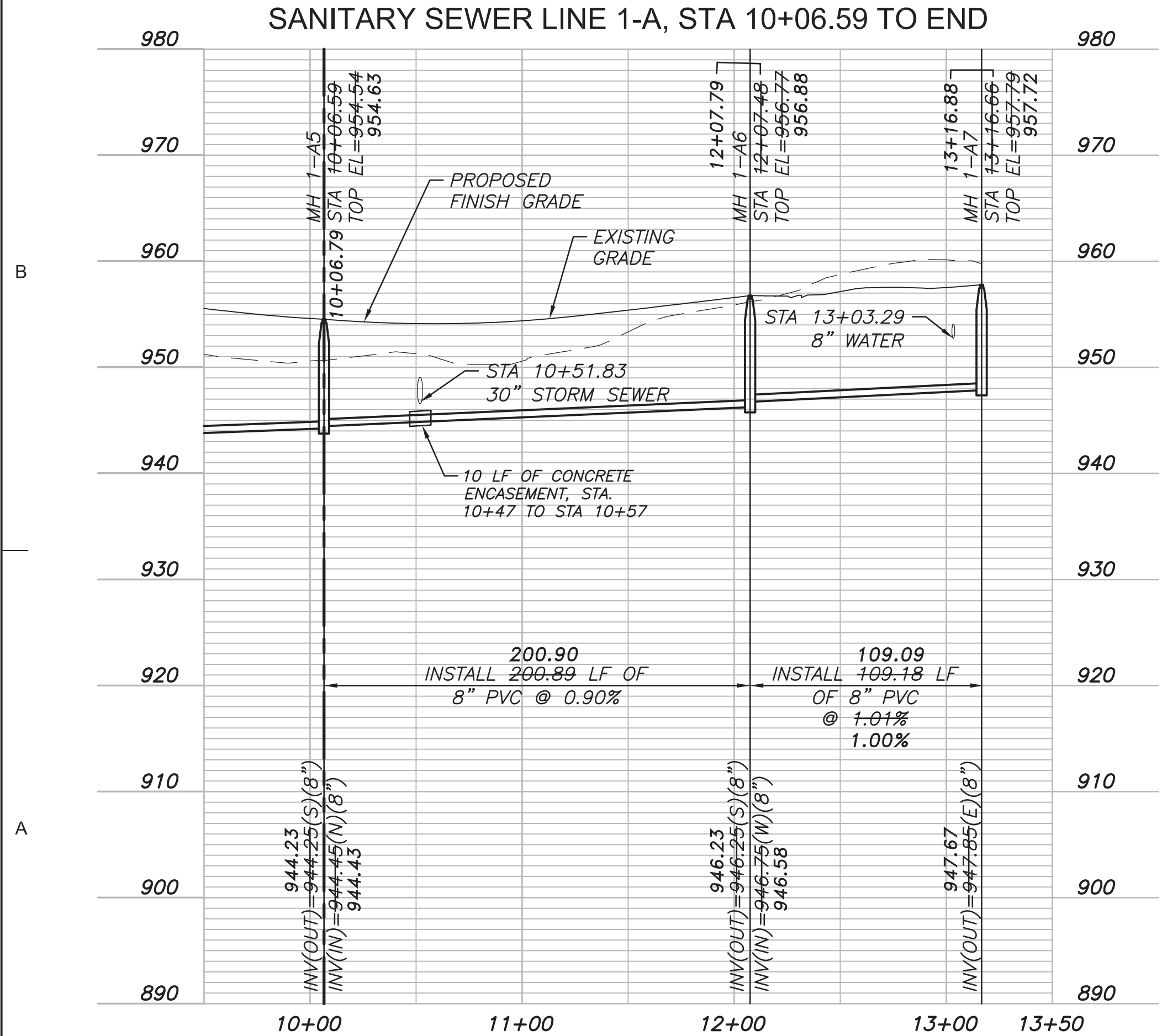
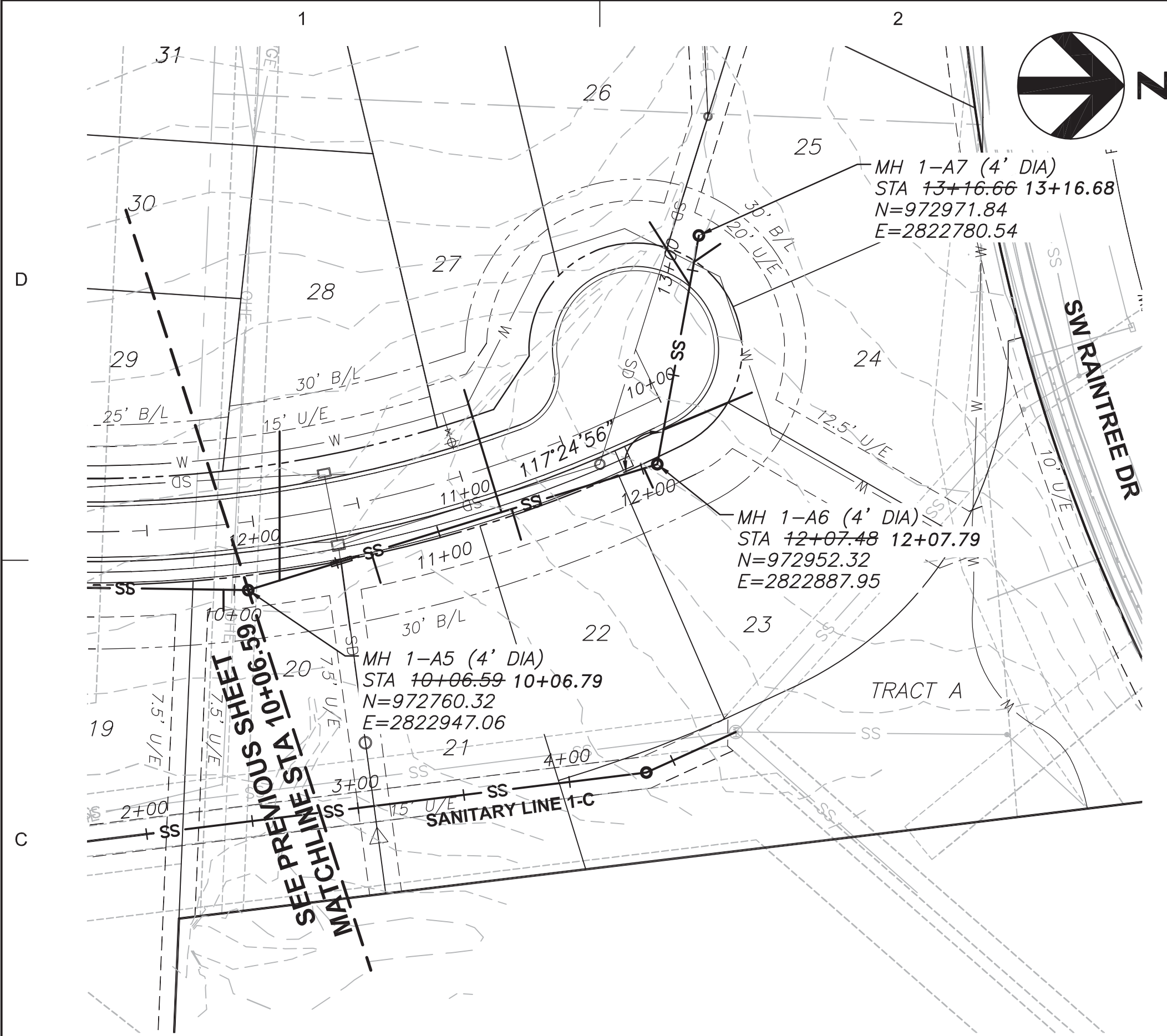
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01C-CR-SS-02

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PERMIT REVIEW DRAWINGS





MANHOLE STRUCTURE NOTE:

1. PROPOSED MANHOLES SHALL CONFORM TO LEE'S SUMMIT STANDARD DETAILS (SAN-2, SAN-3, AND SAN-4).

GENERAL NOTES:

1. WATER MAINS AND SANITARY SEWER MAINS/STRUCTURES SHALL HAVE AT LEAST 10' OF HORIZONTAL SEPARATION FROM EDGE OF WATER PIPE TO EDGE OF SEWER PIPE OR SEWER STRUCTURE.

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3. ALL SANITARY SEWER LATERALS SHALL HAVE A TRENCH CHECK, CONSISTING OF FLOWABLE BACKFILL, INSTALLED DURING CONSTRUCTION. REFER TO GENERAL NOTE 19 ON GENERAL LAYOUT SHEET FOR ADDITIONAL INFORMATION.

SANITARY SEWER STRUCTURE TABLE

STRUCTURE	STATION & OFFSET	STREET NAME
MH 1-A6	10+13.95, 27.97 LT	SW NAUTILUS PL
MH 1-A7	9+49.96, 60.31' RT	SW NAUTILUS PL
MH 1-B1	11+04.56, 29.27' RT	SW MEADOWBROOK DR

LINE 1-A - LATERAL TABLE

MAIN STATION	MAIN INV @ LATERAL	MIN INV @ END LATERAL	LATERAL LENGTH	LOT SERVED
10+22	944.58	947.31	70 LF	28
10+67	944.89	946.52	15 LF	21
11+31	945.56	948.08	60 LF	27
11+36	945.60	947.23	15 LF	22
12+01	945.14	946.67	10 LF	23
12+24	946.92	949.15	45 LF	24
12+93	947.61	949.64	35 LF	26
13+04	947.72	949.35	15 LF	25

LINE 1-B - LATERAL TABLE

MAIN STATION	MAIN INV @ LATERAL	MIN INV @ END LATERAL	LATERAL LENGTH	LOT SERVED
1+79	947.44	948.97	10 LF	3
2+60	951.48	953.01	10 LF	2
2+65	952.26	954.89	65 LF	30
3+20	955.34	957.97	10 LF	1
3+25	955.62	957.15	65 LF	31

"AS-BUILT"

August 24, 2018

LATERAL TABLE CONTAINS DESIGN ELEVATIONS. HOME BUILDERS SHALL FIELD VERIFY AS-BUILT LATERAL ELEVATIONS

PROJECT FOR

LANDROCK DEVELOPMENT, LLC

CREEKSIDE AT RAINTREE LOTS 1 THRU 31 LEE'S SUMMIT, MISSOURI

PROJECT NUMBER 10028825-276408 ORIGINAL ISSUE MARCH 7, 2017

PROJECT MANAGER SIMON SUN PROJECT ENGINEER WILL NEDS, E.I.T.

SHEET NAME

SANITARY SEWER PLAN AND PROFILE LINE 1-A STA 10+06.59 TO END LINE 1-B

SCALE 1"=50'

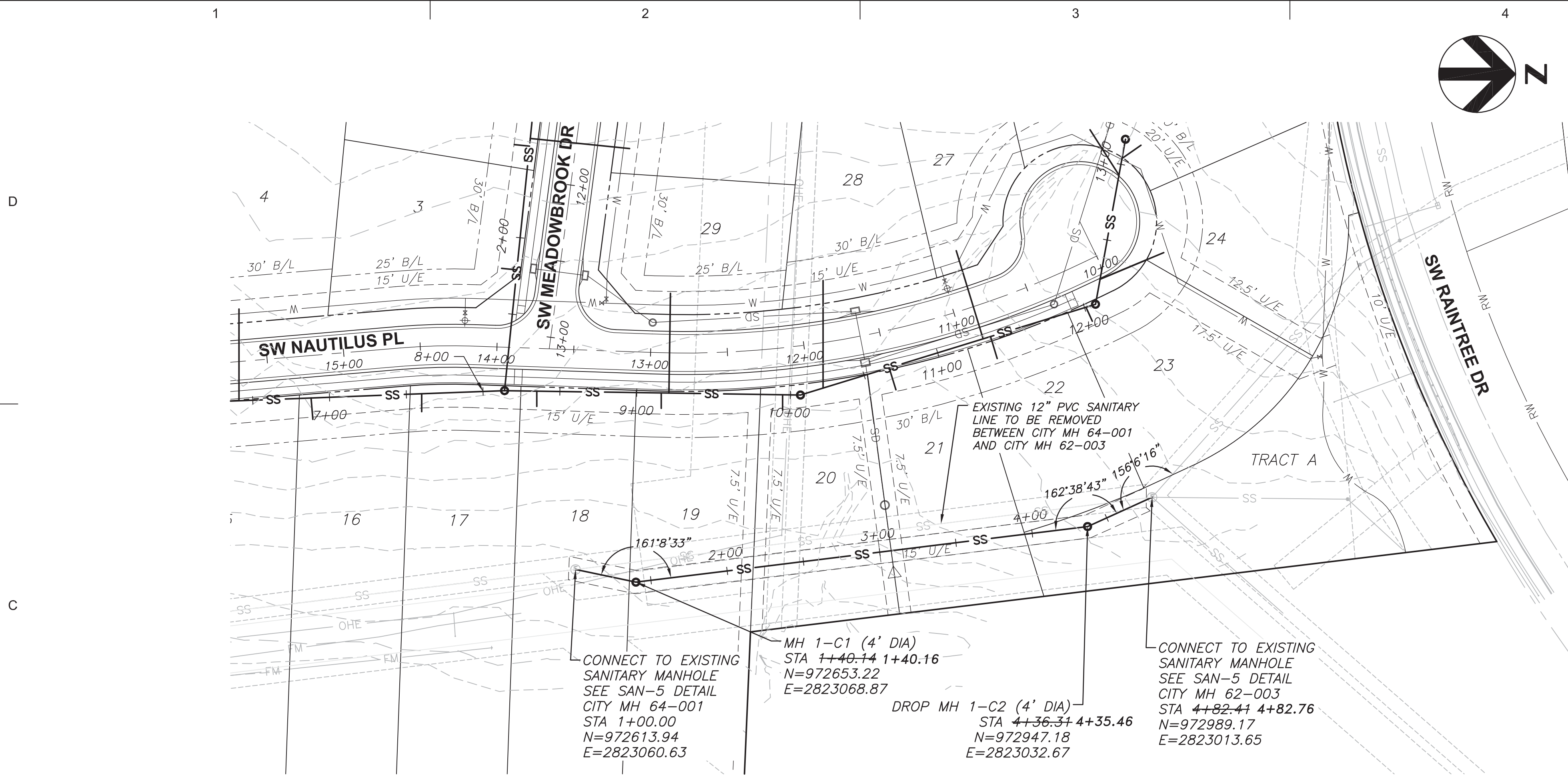
SHEET NUMBER

01C-CR-SS-03

FILE NAME 01C-CR-SS-03.dwg

PERMIT REVIEW DRAWINGS





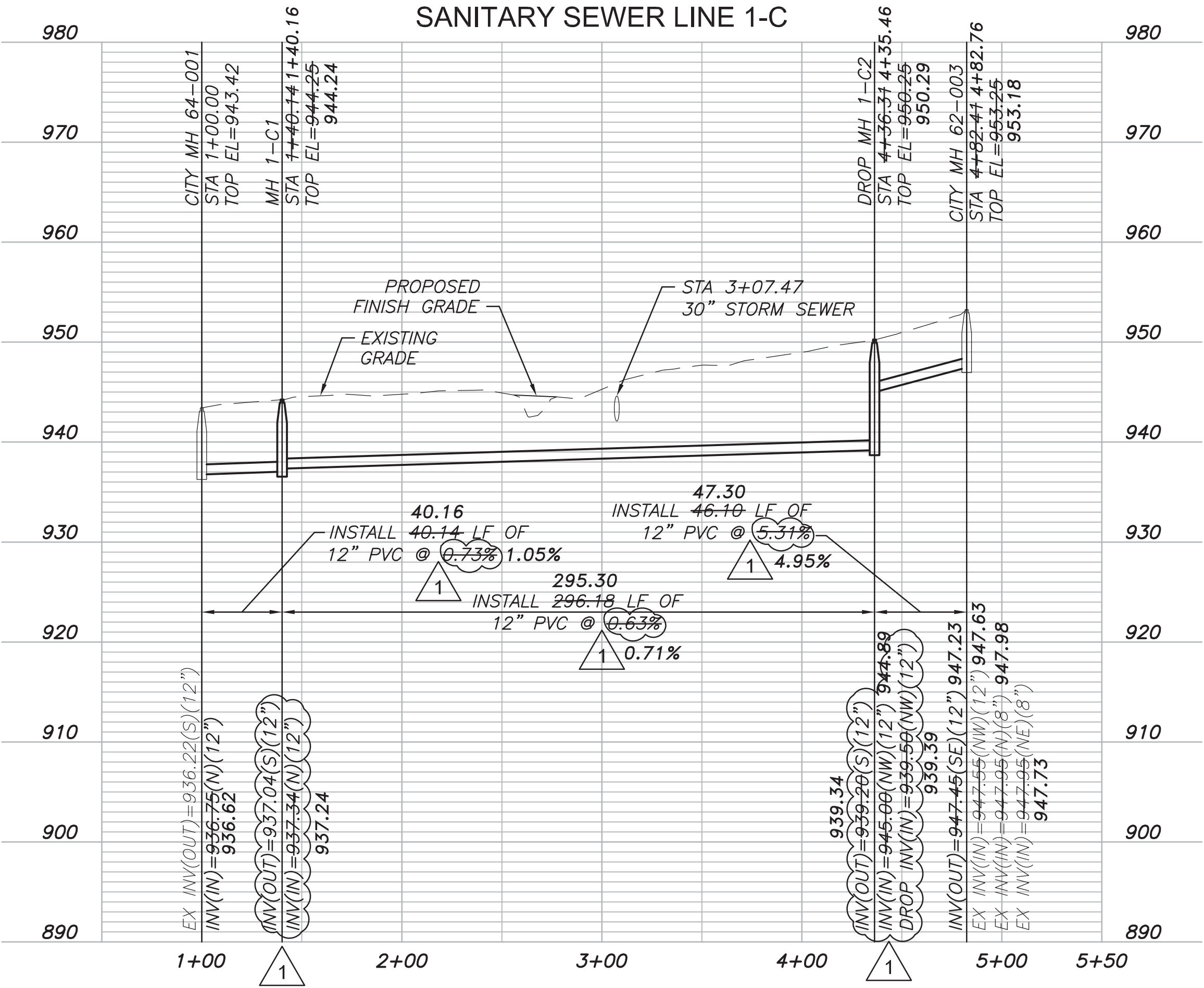
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SANITARY SEWER STRUCTURE TABLE		
STRUCTURE	STATION & OFFSET	STREET NAME
MH 1-C1	13+04.19, 149.79' LT	SW NAUTILUS PL
MH 1-C2	10+66.35, 159.63' LT	SW NAUTILUS PL



"AS-BUILT"  
August 24, 2018



3741 NE TROON DR  
LEE'S SUMMIT, MO 64064  
816.347.1100

MO STATE CERTIFICATE OF  
AUTHORITY #000856

PROJECT FOR

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DEVELOPMENT, LLC

CREEKSIDE AT RAINTREE  
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PROJECT NUMBER	10028825-276408
ORIGINAL ISSUE	MARCH 7, 2017

PROJECT MANAGER	SIMON SUN
PROJECT ENGINEER	WILL NEDS, E.I.T.



09-08-2018

SHEET NAME

SANITARY SEWER  
PLAN AND PROFILE  
LINE 1-C



SHEET NUMBER

01C-CR-SS-04

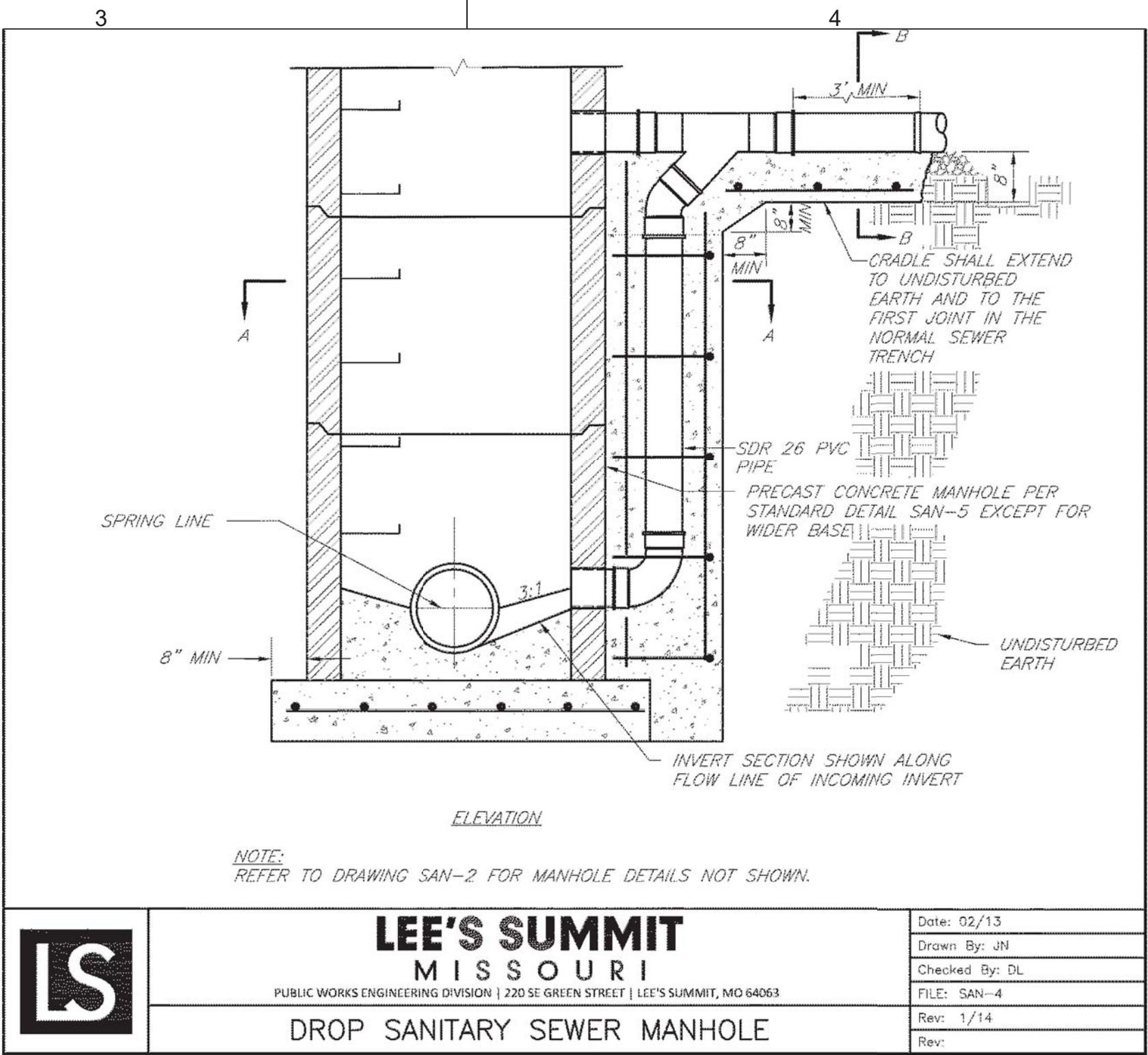
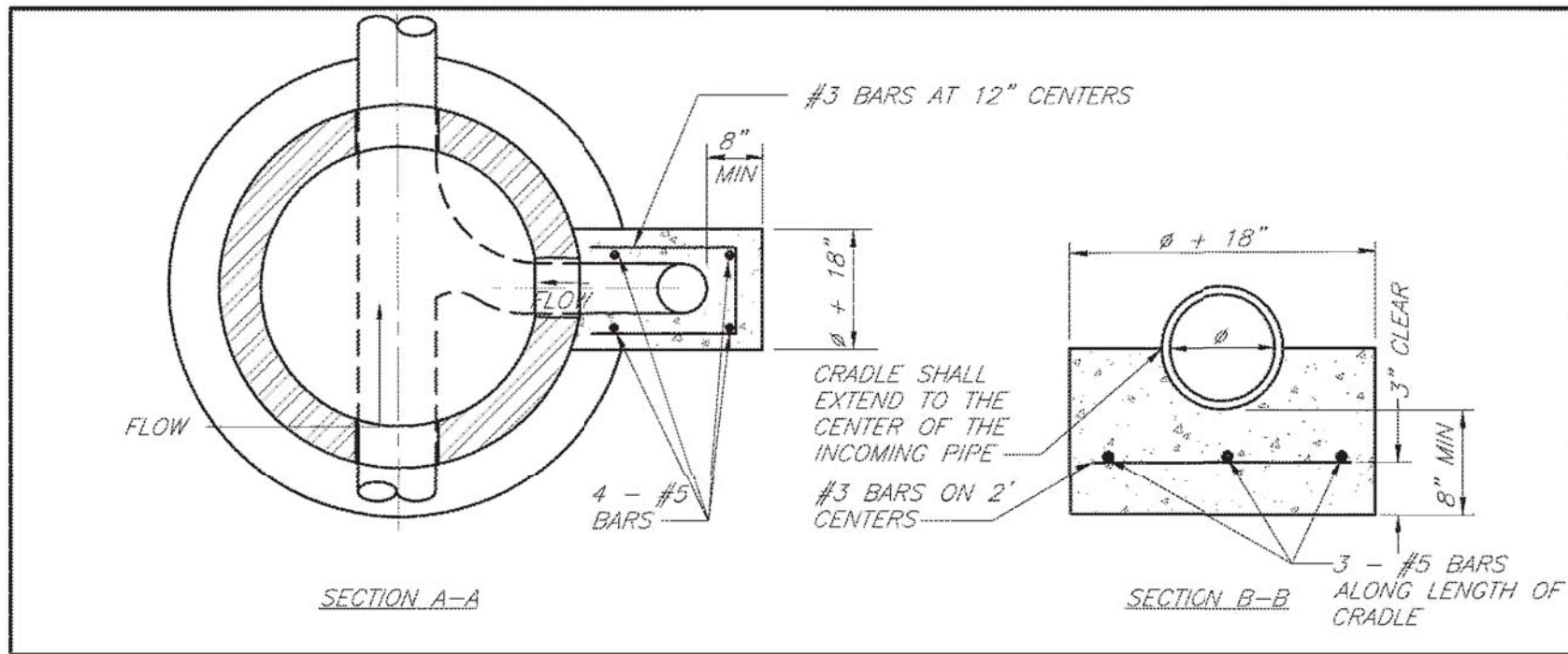
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PERMIT REVIEW DRAWINGS









LS

LEE'S SUMMIT

MISSOURI

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

Drop Sanitary Sewer Manhole

Date: 02/13

Drawn By: JN

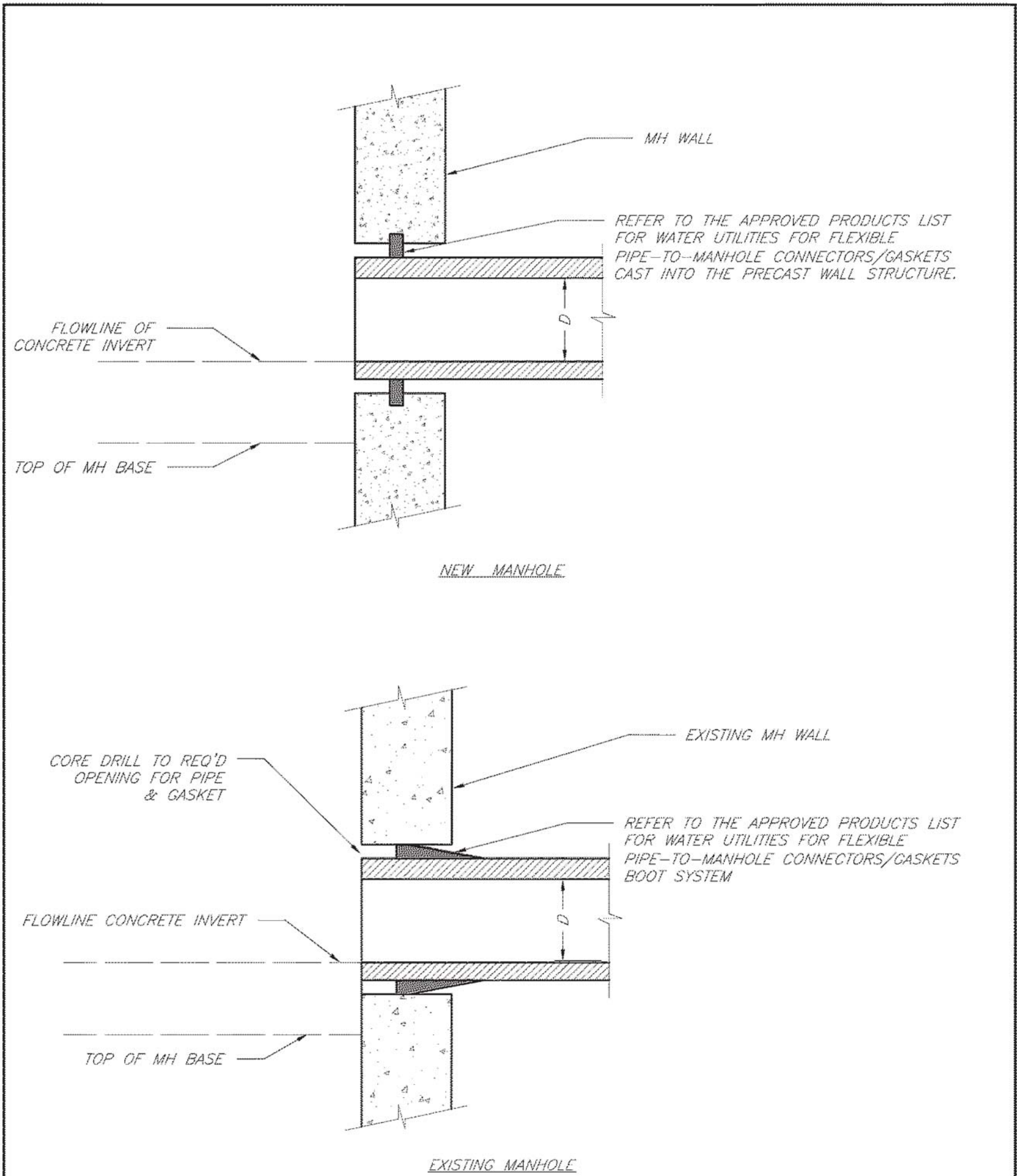
Checked By: DL

FILE: SAN-4

Rev: 1/14

Rev:

SAN-4



LS

LEE'S SUMMIT

MISSOURI

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

Manhole Wall Connections

Date: 02/13

Drawn By: JN

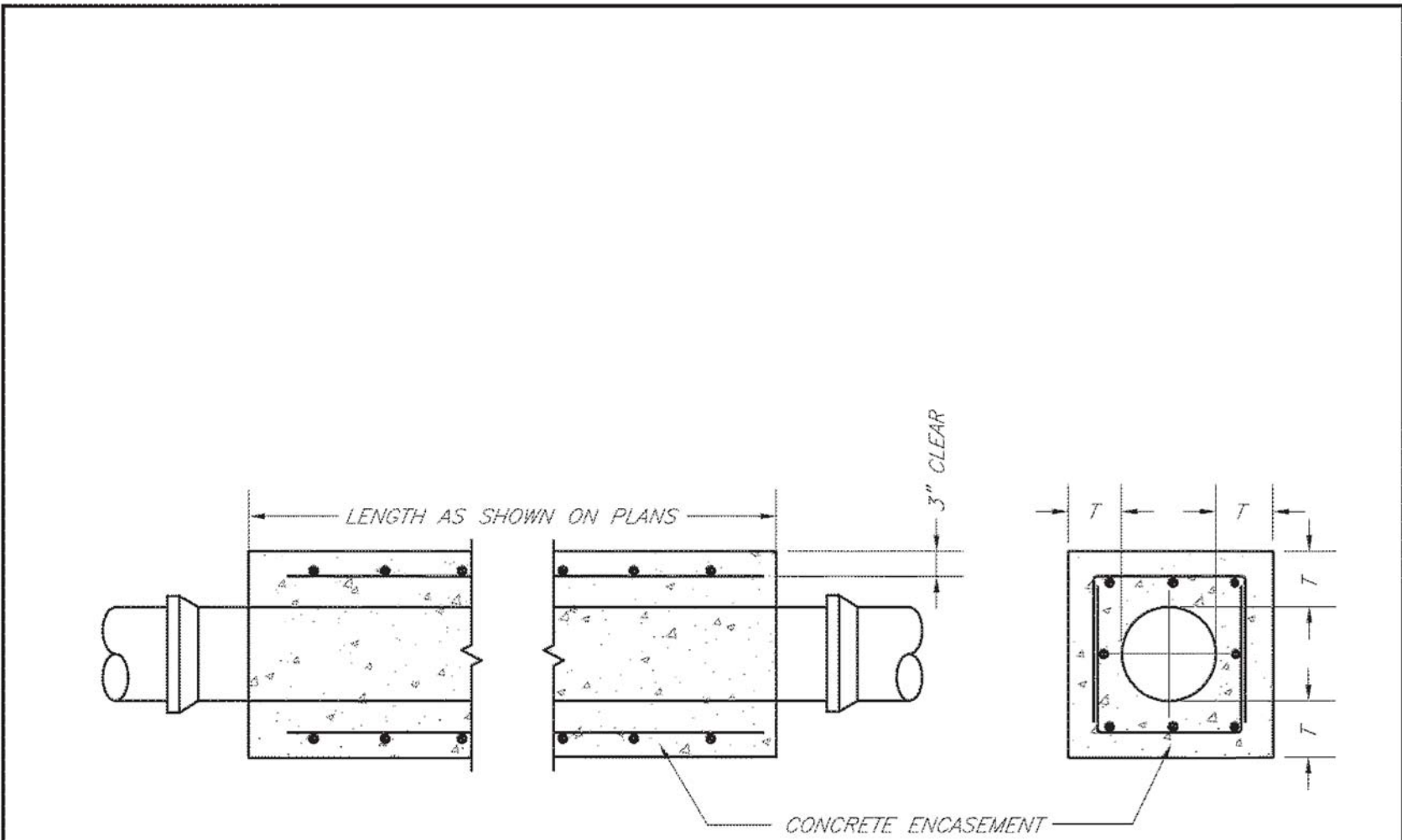
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FILE: SAN-5

Rev: 1/14

Rev:

SAN-5



LS

LEE'S SUMMIT

MISSOURI

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

Sanitary Pipe Encasement

Date: 02/13

Drawn By: JN

Checked By: DL

FILE: SAN-7

Rev: 1/14

Rev:

SAN-7



3741 NE TROON DR  
LEE'S SUMMIT, MO 64064  
816.347.1100

MO STATE CERTIFICATE OF  
AUTHORITY #000856

PROJECT FOR

LANDROCK  
DEVELOPMENT, LLC

CREEKSIDE AT RAINTREE  
LOTS 1 THRU 31  
LEE'S SUMMIT, MISSOURI

B	04/14/2017	CITY RESUBMITTAL
A	03/08/2017	CITY SUBMITTAL
MARK	DATE	DESCRIPTION

PROJECT NUMBER	10028825-276408
ORIGINAL ISSUE	MARCH 7, 2017

PROJECT MANAGER	SIMON SUN
PROJECT ENGINEER	WILL NEDS, E.I.T.



SHEET NAME

SANITARY SEWER  
DETAILS

SCALE  
NO SCALE

SHEET NUMBER

01C-CR-SS-06

FILE NAME  
01C-CR-SS-06.dwg

PERMIT REVIEW DRAWINGS