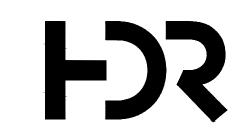
DOWNTOWN LEE'S SUMMIT APARTMENTS

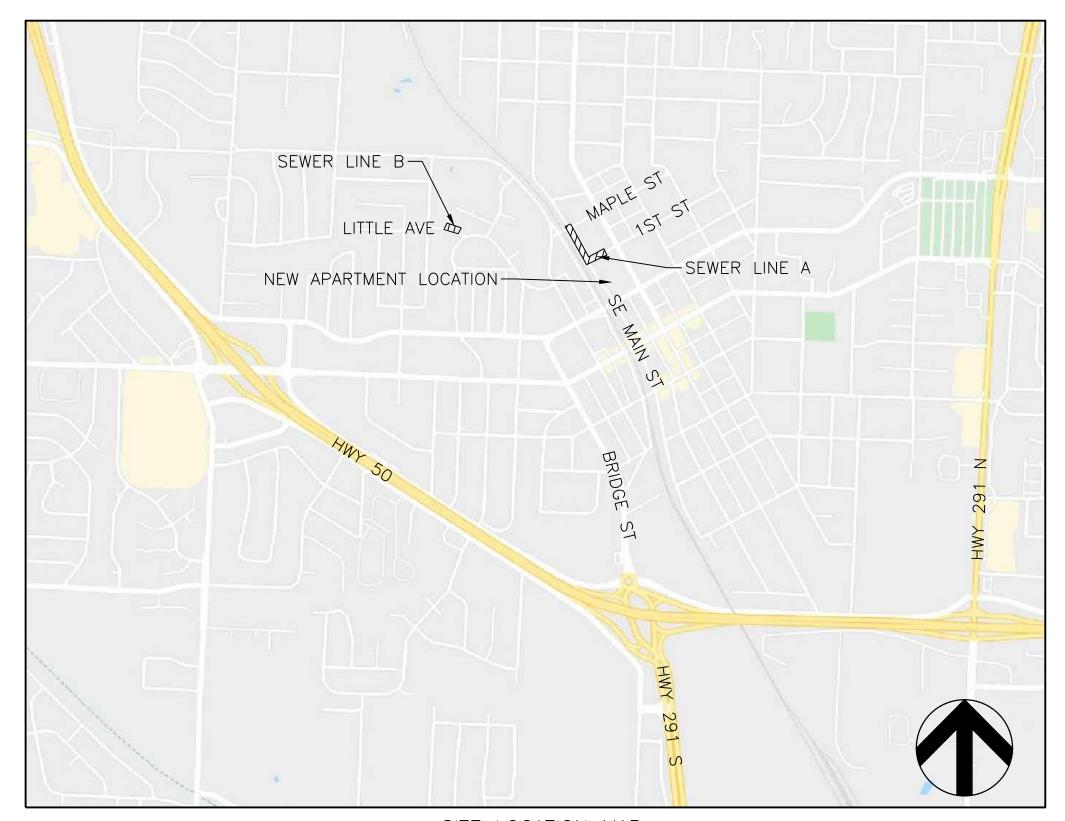
PUBLIC SANITARY SEWER IMPROVEMENTS CITY OF LEE'S SUMMIT, MO JACKSON COUNTY



HDR Engineering, Inc.

O. STATE CERTIFICATE OF UTHORITY #000856

10450 HOLMES ROAD, SUITE 600 KANSAS CITY, MO 64131 PH: 816-360-2700 FX: 816-360-2777



SITE LOCATION MAP

N.T.S.

APRIL 2020 10186909

INDEX OF DRAWINGS

- 01 COVER SHEET
- 02 PUBLIC SEWER LINE A PLAN & PROFILE
- 03 PUBLIC SEWER LINE B PLAN & PROFILE
- 04 MISCELLANEOUS DETAILS
- 05 MISCELLANEOUS DETAILS
- 06 MISCELLANEOUS DETAILS

RECORD DRAWING

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

"100.00 100.10", "1.00% 1.15% slope", or "8-inch HDPE PVC pipe" 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: <u>12/14/2022</u>

Certified by: Mitchell Wiebelhaus
Title: Professional Engineer
Firm: HDR Engineering Inc.

Know what's below. Call before you dig.

<u>UTILITIES</u>

GAS - SPIRE

ELECTRIC - KCP&L

TELEPHONE - AT&T

CABLE - CHARTER SPECTRUM

WATER - LEE'S SUMMIT WATER UTILITIES

SEWER - LEE'S SUMMIT PUBLIC WORKS

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 811, or 1-800-344-7483. BE IT NOTED THAT ONLY PART OF THE UNDERGROUND TELEPHONE LINES WERE MARKED FOR THE SITE SURVEY AND THESE PLANS AS EVIDENCED BY TELEPHONE PEDESTALS WITHOUT CORRESPONDING UNDERGROUND CABLE. THE CONTRACTOR IS RESPONSIBLE TO LOCATE AND PROTECT THESE LINES THE SAME AS IF THEY HAD BEEN LOCATED AND SHOWN ON THESE PLANS.

816-471-5275

816-325-5607

816-756-5252

816-358-8833

816-969-1900

816-969-1800

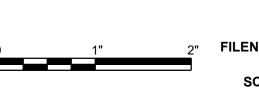
HDR
MISSOURI CERTIFICATE OF
AUTHORITY #: 000856

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KANSAS CITY, MO 64131
816-360-2700

DRAWINGS
CONFORMING TO
CONSTRUCTION
RECORDS
12/13/2022

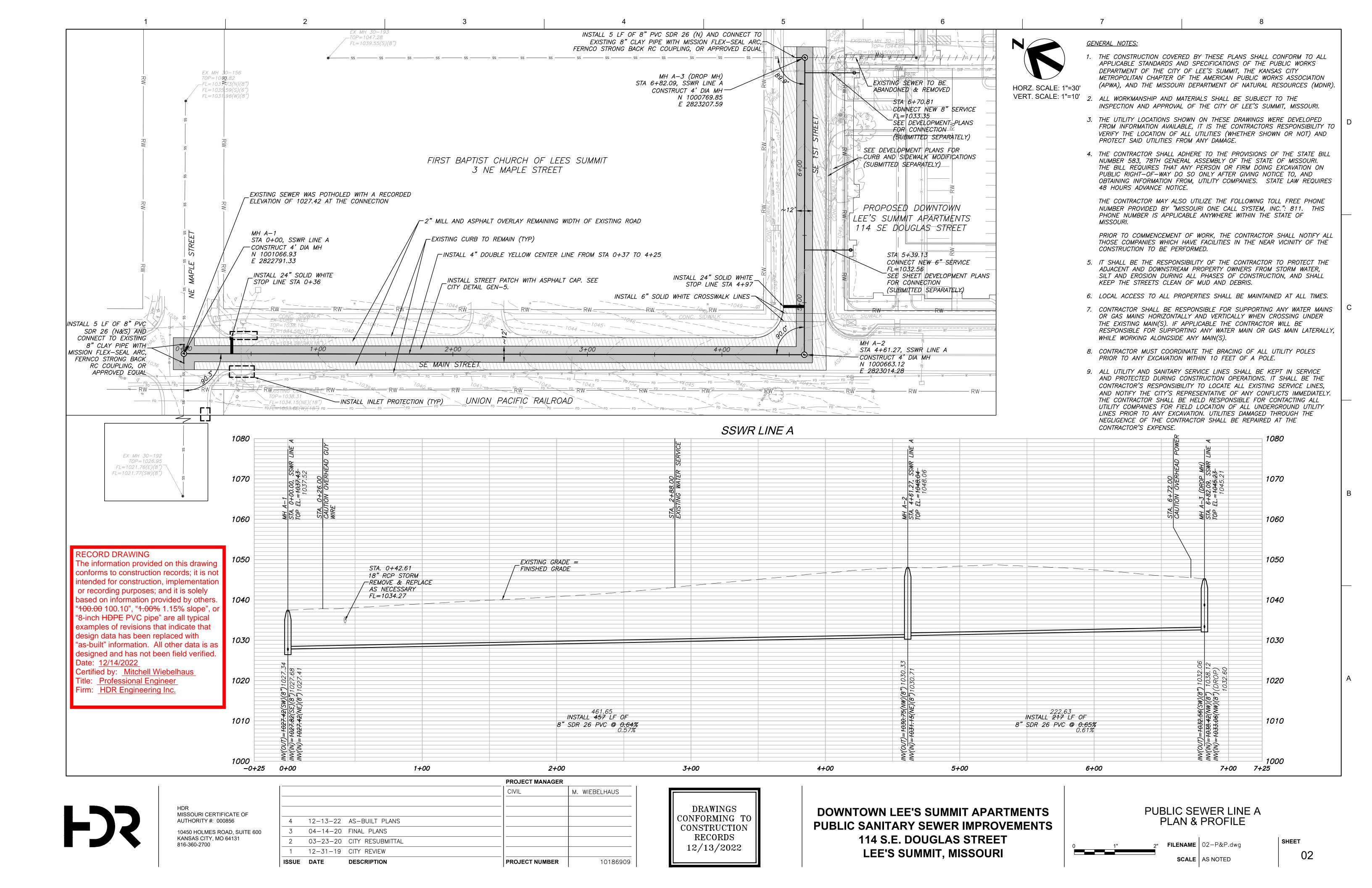
DOWNTOWN LEE'S SUMMIT APARTMENTS
PUBLIC SANITARY SEWER IMPROVEMENTS
114 S.E. DOUGLAS STREET
LEE'S SUMMIT, MISSOURI

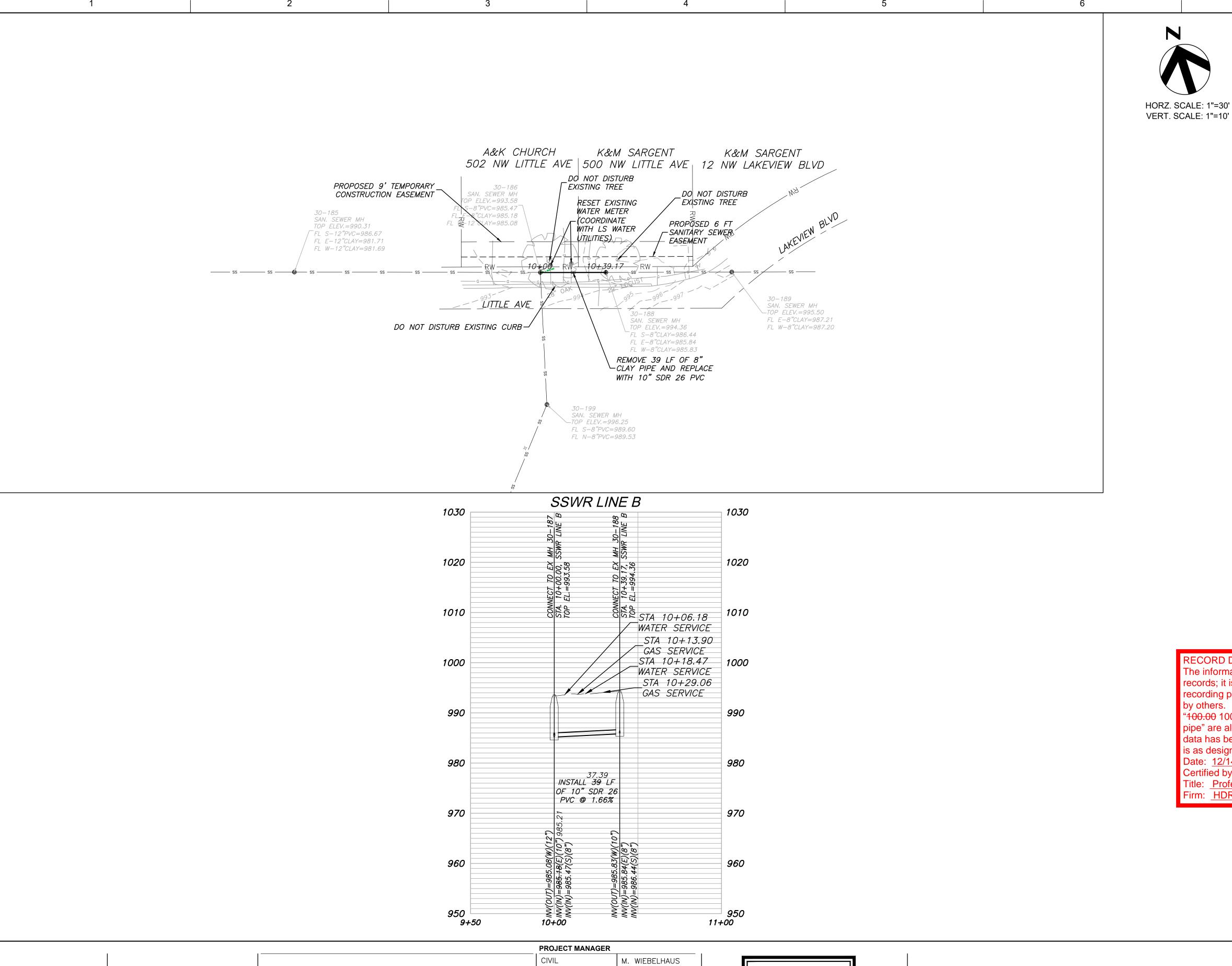
COVER SHEET



FILENAME 01-Cover.dwg

SCALE AS NOTED







- 1. THE CONSTRUCTION COVERED BY THESE PLANS SHALL CONFORM TO ALL APPLICABLE STANDARDS AND SPECIFICATIONS OF THE PUBLIC WORKS DEPARTMENT OF THE CITY OF LEE'S SUMMIT. THE KANSAS CITY METROPOLITAN CHAPTER OF THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA), AND THE MISSOURI DEPARTMENT OF NATURAL RESOURCES (MDNR).
- 2. ALL WORKMANSHIP AND MATERIALS SHALL BE SUBJECT TO THE INSPECTION AND APPROVAL OF THE CITY OF LEE'S SUMMIT, MISSOURI.
- 3. THE UTILITY LOCATIONS SHOWN ON THESE DRAWINGS WERE DEVELOPED FROM INFORMATION AVAILABLE, IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES (WHETHER SHOWN OR NOT) AND PROTECT SAID UTILITIES FROM ANY DAMAGE.
- 4. THE CONTRACTOR SHALL ADHERE TO THE PROVISIONS OF THE STATE 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 48 HOURS ADVANCE NOTICE.

THE CONTRACTOR MAY ALSO UTILIZE THE FOLLOWING TOLL FREE PHONE NUMBER PROVIDED BY "MISSOURI ONE CALL SYSTEM, INC.": 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.

- 5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT THE ADJACENT AND DOWNSTREAM PROPERTY OWNERS FROM STORM WATER. SILT AND EROSION DURING ALL PHASES OF CONSTRUCTION, AND SHALL KEEP THE STREETS CLEAN OF MUD AND DEBRIS.
- 6. LOCAL ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.
- 7. CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPORTING ANY WATER MAINS OR GAS MAINS HORIZONTALLY AND VERTICALLY WHEN CROSSING UNDER THE EXISTING MAIN(S). IF APPLICABLE THE CONTRACTOR WILL BE RESPONSIBLE FOR SUPPORTING ANY WATER MAIN OR GAS MAIN LATERALLY, WHILE WORKING ALONGSIDE ANY MAIN(S).
- 8. CONTRACTOR MUST COORDINATE THE BRACING OF ALL UTILITY POLES PRIOR TO ANY EXCAVATION WITHIN 10 FEET OF A POLE.
- 9. ALL UTILITY AND SANITARY SERVICE LINES SHALL BE KEPT IN SERVICE AND PROTECTED DURING CONSTRUCTION OPERATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL EXISTING SERVICE LINES, AND NOTIFY THE CITY'S REPRESENTATIVE OF ANY CONFLICTS IMMEDIATELY. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES FOR FIELD LOCATION OF ALL UNDERGROUND UTILITY LINES PRIOR TO ANY EXCAVATION. UTILITIES DAMAGED THROUGH THE NEGLIGENCE OF THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

RECORD DRAWING

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"100.00 100.10", "1.00% 1.15% slope", or "8-inch HDPE PVC pipe" 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: <u>12/14/2022</u>

Certified by: Mitchell Wiebelhaus Title: Professional Engineer Firm: HDR Engineering Inc.

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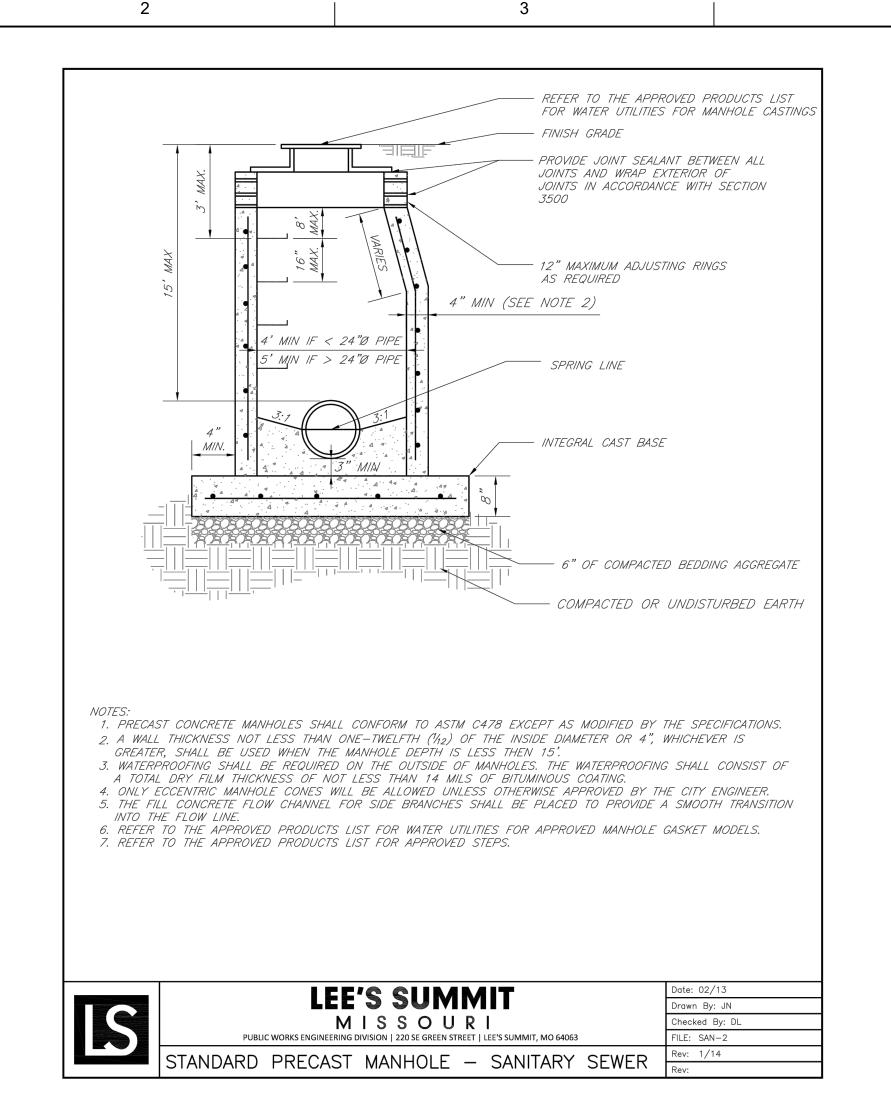
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			CIVIL	M. WIEBELHAUS	
4	12-13-22	AS-BUILT PLANS			
3	04-14-20	FINAL PLANS			
2	03-23-20	CITY RESUBMITTAL			
1	12-31-19	CITY REVIEW			
ISSUE	DATE	DESCRIPTION	PROJECT NUMBER	10186909	
			·	•	

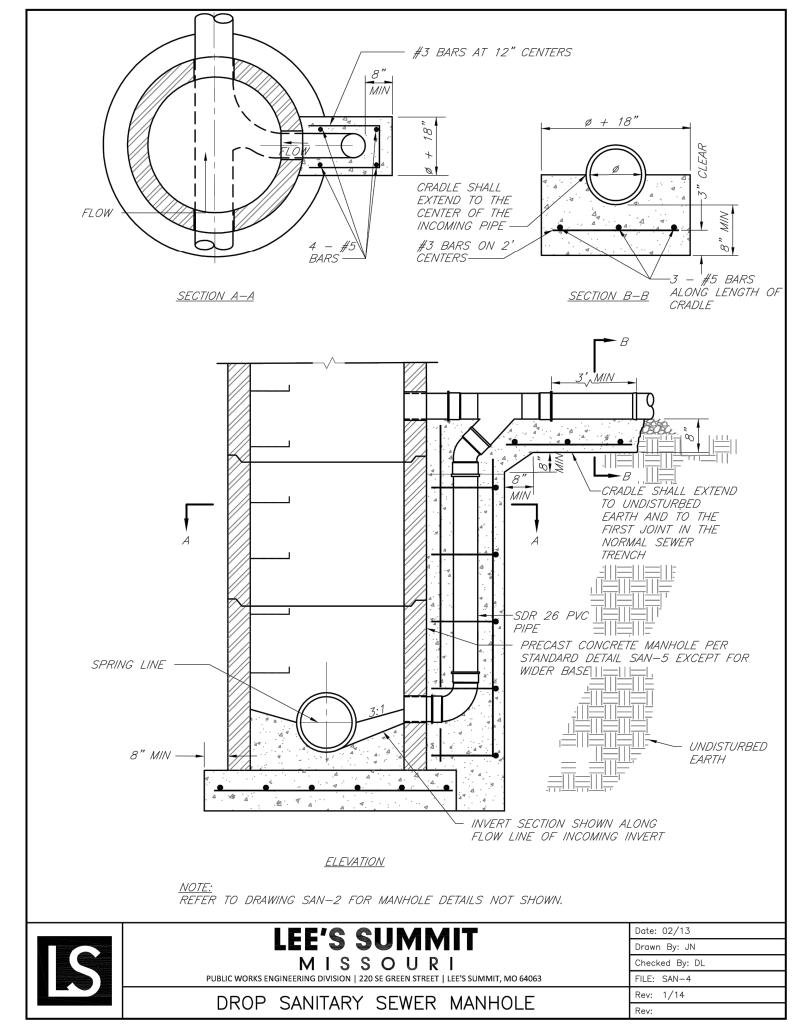
DRAWINGS CONFORMING TO CONSTRUCTION RECORDS 12/13/2022

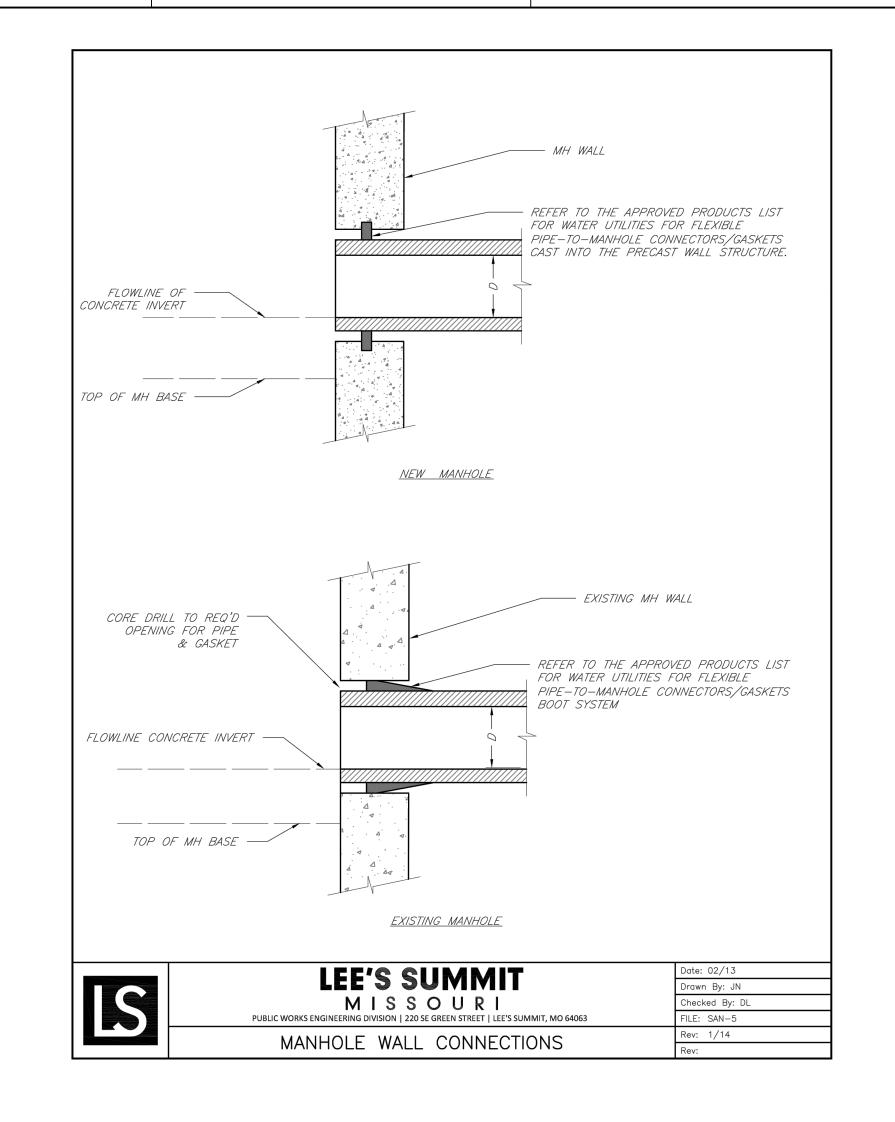
DOWNTOWN LEE'S SUMMIT APARTMENTS PUBLIC SANITARY SEWER IMPROVEMENTS 114 S.E. DOUGLAS STREET LEE'S SUMMIT, MISSOURI

PUBLIC SEWER LINE B PLAN & PROFILE









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pipe" are all typical examples of revisions that indicate that design data has been replaced with "as-built" information. All other data

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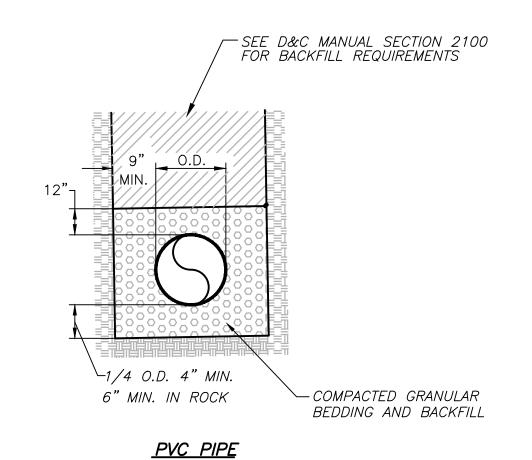
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Title: Professional Engineer Firm: HDR Engineering Inc.

RECORD DRAWING

Date: <u>12/14/2022</u>



PIPE INSTALLATION DETAILS N.T.S.

PROJECT MANAGER M. WIEBELHAUS 12-13-22 AS-BUILT PLANS 04-14-20 FINAL PLANS 03-23-20 CITY RESUBMITTAL 1 12-31-19 CITY REVIEW ISSUE DATE **DESCRIPTION** PROJECT NUMBER 10186909

DRAWINGS CONFORMING TO CONSTRUCTION RECORDS 12/13/2022

DOWNTOWN LEE'S SUMMIT APARTMENTS PUBLIC SANITARY SEWER IMPROVEMENTS 114 S.E. DOUGLAS STREET LEE'S SUMMIT, MISSOURI

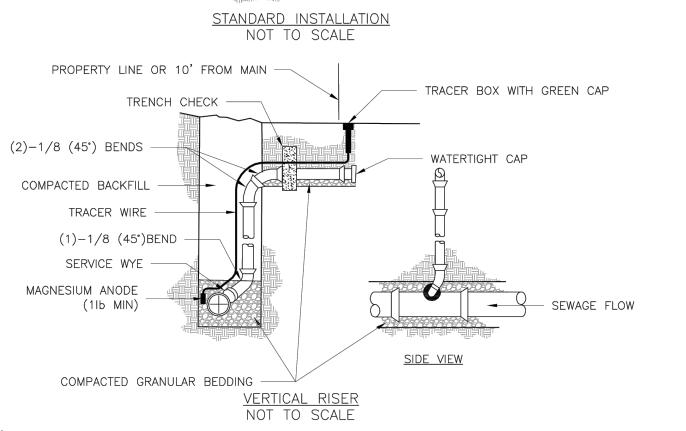
MISCELLANEOUS DETAILS



SHEET

HDR MISSOURI CERTIFICATE OF AUTHORITY #: 000856 10450 HOLMES ROAD, SUITE 600 KANSAS CITY, MO 64131 816-360-2700

COMPACTED GRANULAR BEDDING



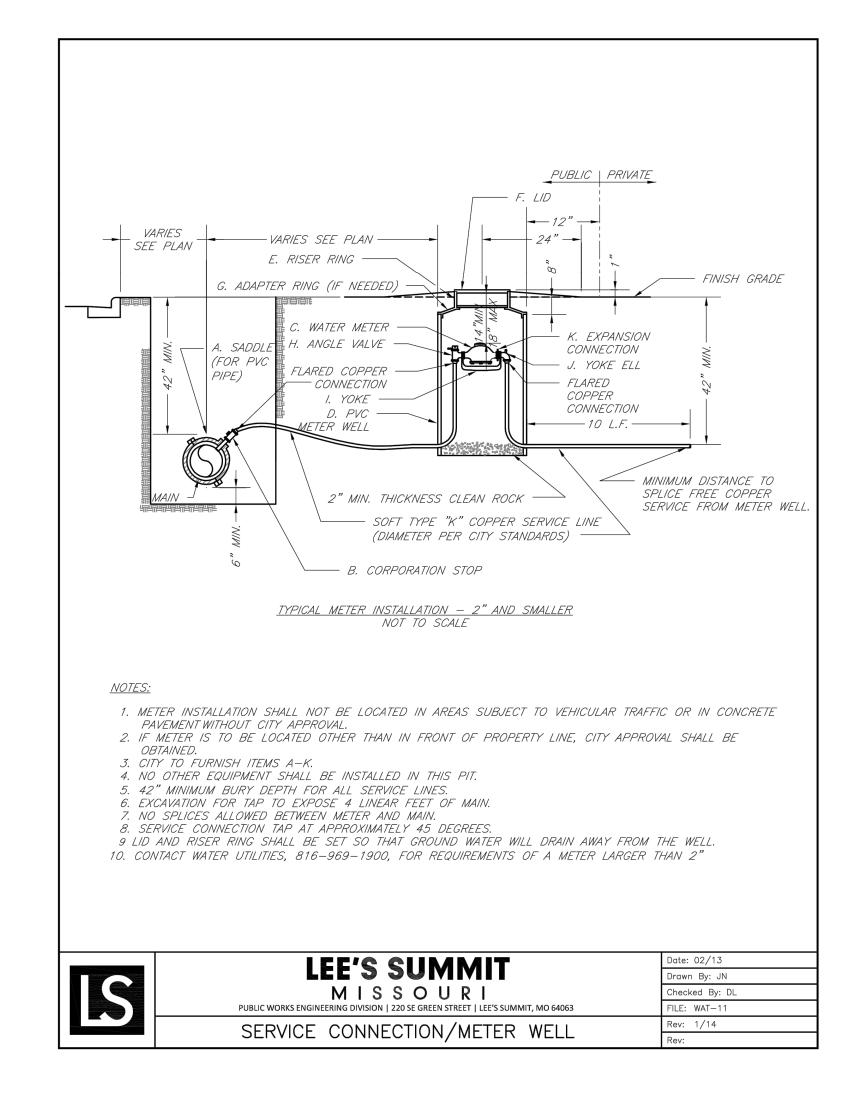
1. ALL SEWER STUBS SHALL BE CONSTRUCTED TO PROPERTY LINE OR 10' MINIMUM FROM THE MAIN. WHERE SIDEWALKS ARE PRESENT, CONTRACTOR SHALL EXTEND SERVICE LINE UNDER EXISTING SIDEWALK TO TWO FEET BEYOND.

- 2. ALL NEW CONSTRUCTION OFF SEWER STUBS SHALL BE TEMPORARILY MARKED WITH A MARKING STAKE, 36" ABOVE GROUND AND PAINTED GREEN.
- 3. IMPERVIOUS TRENCH CHECKS SHALL BE PLACED ON BUILDING SEWER STUBS (AT LEAST 5' AWAY FROM THE SANITARY H. TRENCH CHÉCKS ON THE BUILDING SEWER STUBS SHALL EXTEND 6" BELOW THE BOTTOM OF THE PIPE. LENGTH SHALL BE A MINIMUM OF 12". THE HEIGHT OF THE TRENCH CHECK SHALL EXTEND 12" ABOVE THE TOP OF THE PIPE. THE WIDTH OF THE TRENCH CHECK SHALL BE THE WIDTH OF THE TRENCH.
- 5. SEE SPECIFICATION SECTION 2100 FOR SEWER MAIN BEDDING AND BACKFILL. 6. #12 GAUGE GREEN INSULATED COPPER TRACER WIRE SHALL BE INSTALLED. TRACER WIRE TERMINAL BOXES SHALL BE
- INSTALLED DIRECTLY ABOVE THE SEWER SERVICE OR AS DETERMINED BY THE ENGINEER. 7. FOR SERVICES, TRACER WIRE SHALL RUN FROM THE WYE AND TERMINATE IN A FLUSH MOUNTED TRACER BOX WITH A GREEN CAST IRON LOCKABLE TOP. WIRE SHALL BE TAPED OR TIED TO THE PIPE AT 5' INTERVALS.
- 8. TRACER WIRE BOX SHALL BE INSTALLED WITHIN 1.0' OF PROPERTY LINE.

(1lb MIN)

9. THE TRACER WIRE SHALL REMAIN CONTINUOUS TO THE GREATEST EXTENT POSSIBLE. SPLICES IN THE TRACER WIRE SHOULD BE MADE WITH SPLIT BOLT CONNECTORS. WIRE NUTS SHALL NOT BE USED. A WATER-PROOF CONNECTION IS NECESSARY TO





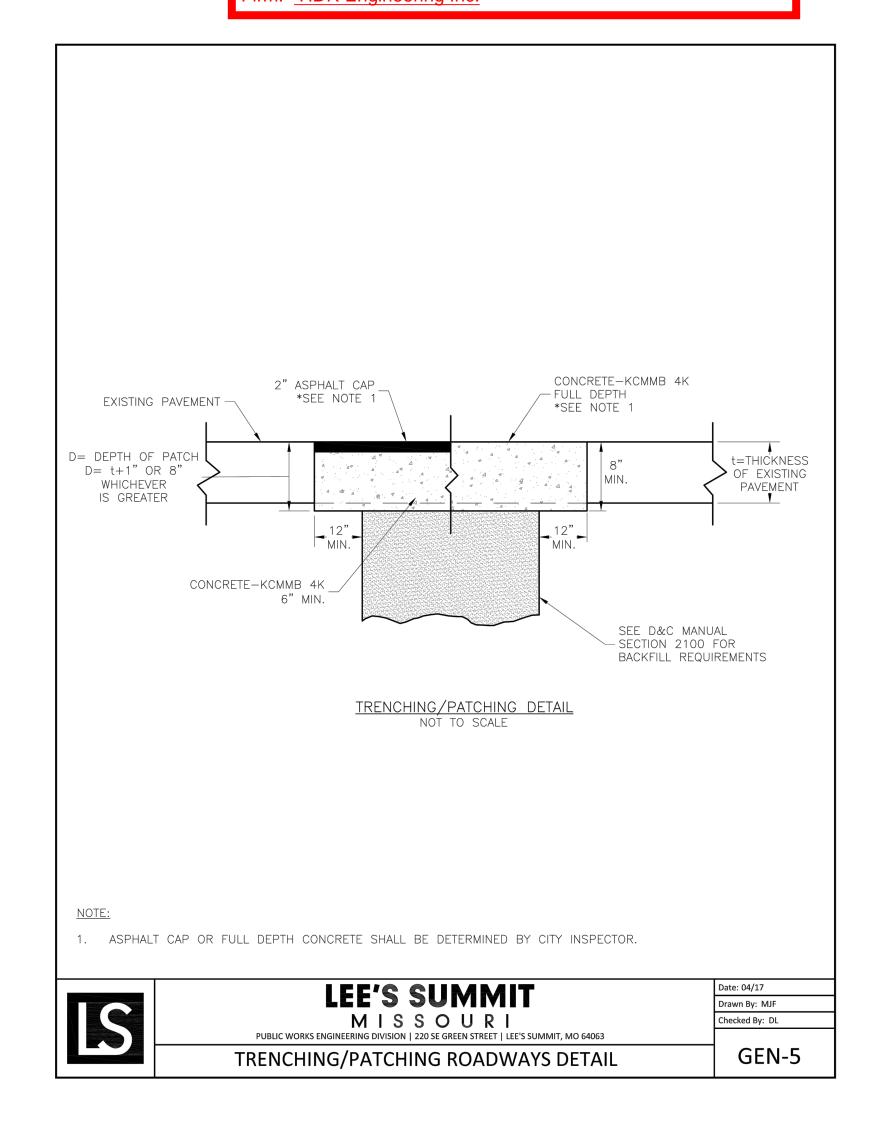
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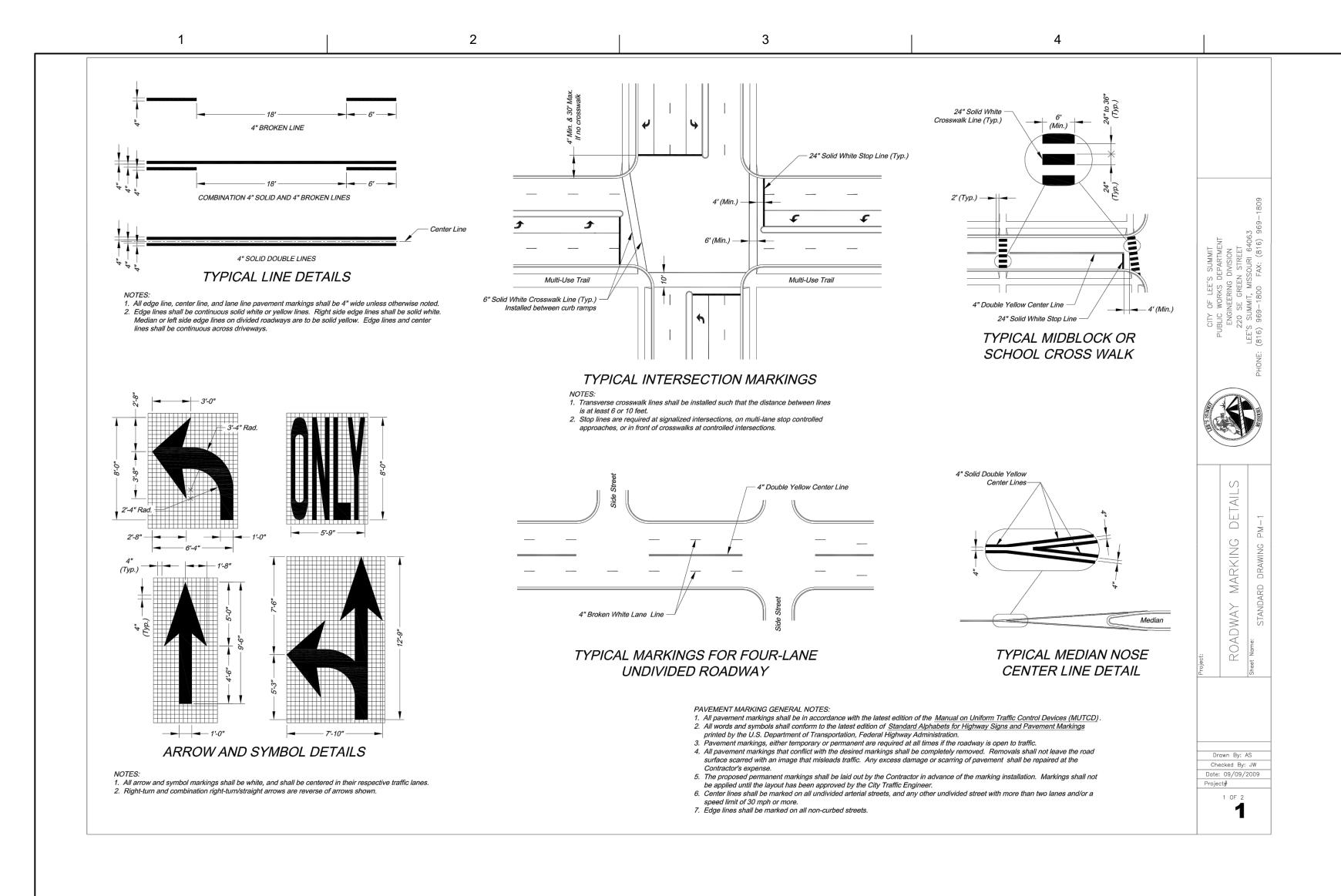
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DOWNTOWN LEE'S SUMMIT APARTMENTS PUBLIC SANITARY SEWER IMPROVEMENTS 114 S.E. DOUGLAS STREET LEE'S SUMMIT, MISSOURI

MISCELLANEOUS DETAILS





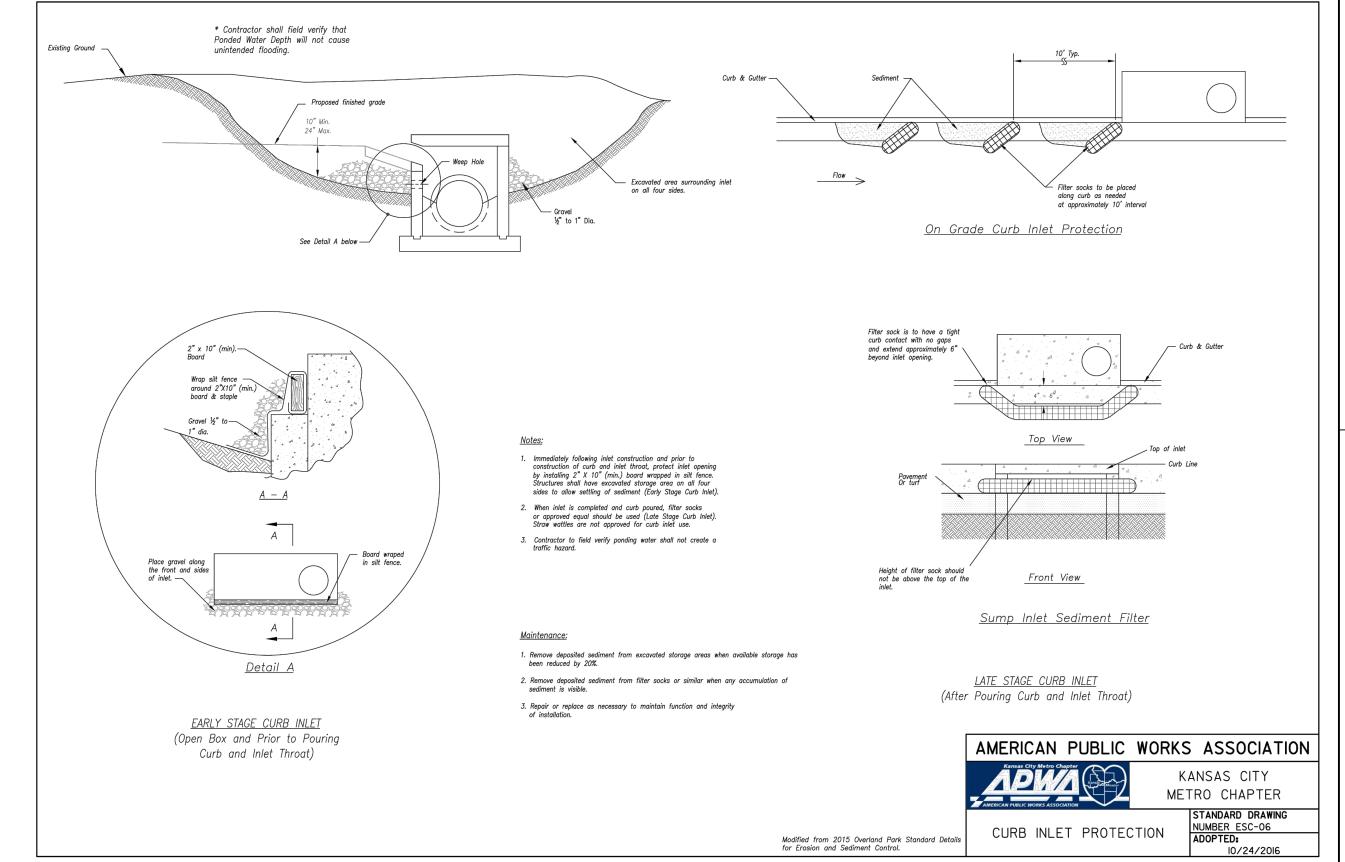
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