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

<u>UTILITIES</u>

ELECTRIC – KCP&L	816-471-5275
TELEPHONE – AT&T	816-325-5607
GAS – SPIRE	816-756-5252
CABLE – CHARTER SPECTRUM	816-358-8833
WATER – LEE'S SUMMIT WATER UTILITIES	816-969-1900
SEWER – LEE'S SUMMIT PUBLIC WORKS	816-969-1800



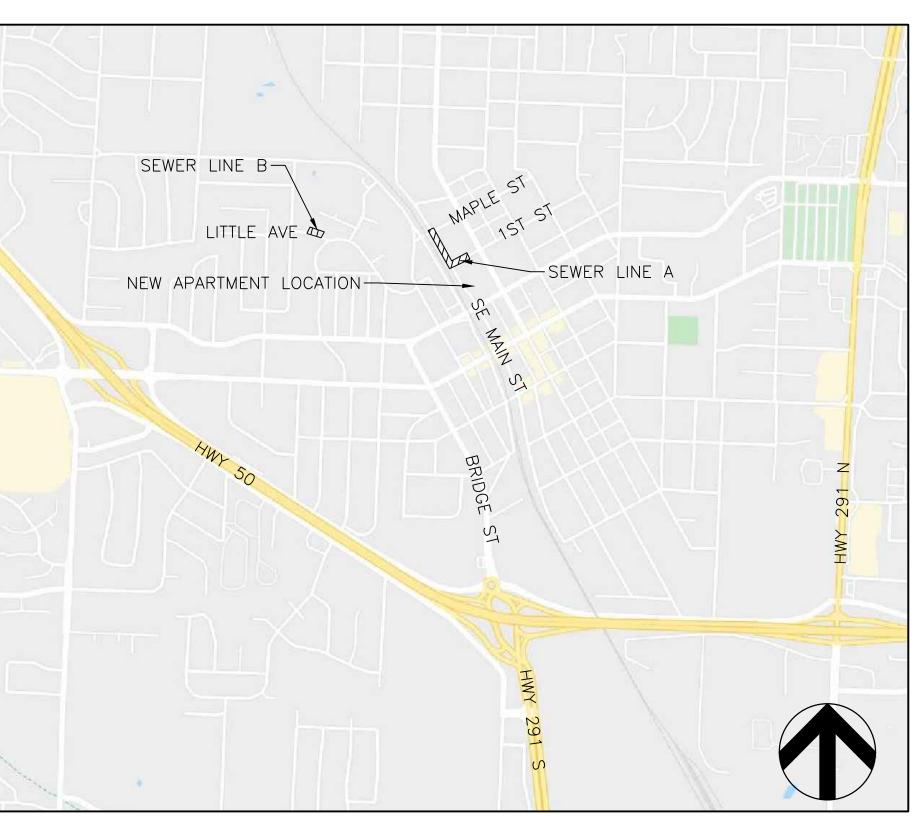
UTILITY NOTES:

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.

HDR MISSOURI CERTIFICATE OF AUTHORITY #: 000856

10450 HOLMES ROAD, SUITE 600 KANSAS CITY, MO 64131 816-360-2700

12-13-22	AS-BUILT PLANS
04-14-20	FINAL PLANS
03-23-20	CITY RESUBMITTAL
12-31-19	CITY REVIEW
DATE	DESCRIPTION
	04-14-20 03-23-20 12-31-19



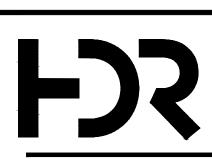
SITE LOCATION MAP N.T.S.

APRIL 2020 10186909

PROJECT MANAGER	
CIVIL	M. WIEBELHAUS
PROJECT NUMBER	10186909
1	•

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



HDR Engineering, Inc.

MO. STATE CERTIFICATE OF AUTHORITY #000856

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

INDEX OF DRAWINGS

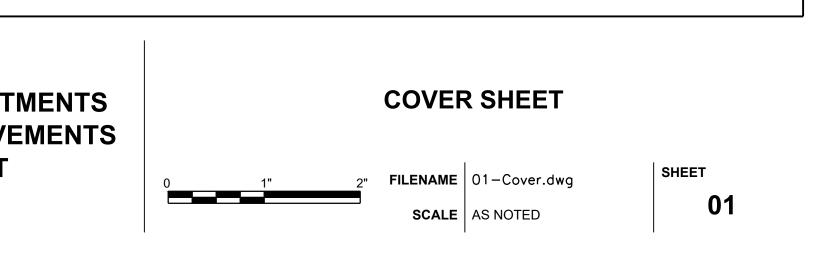
01 COVER SHEET 02 PUBLIC SEWER LINE A - PLAN & PROFILE 03 PUBLIC SEWER LINE B - PLAN & PROFILE 04 MISCELLANEOUS DETAILS 05 MISCELLANEOUS DETAILS 06 MISCELLANEOUS DETAILS

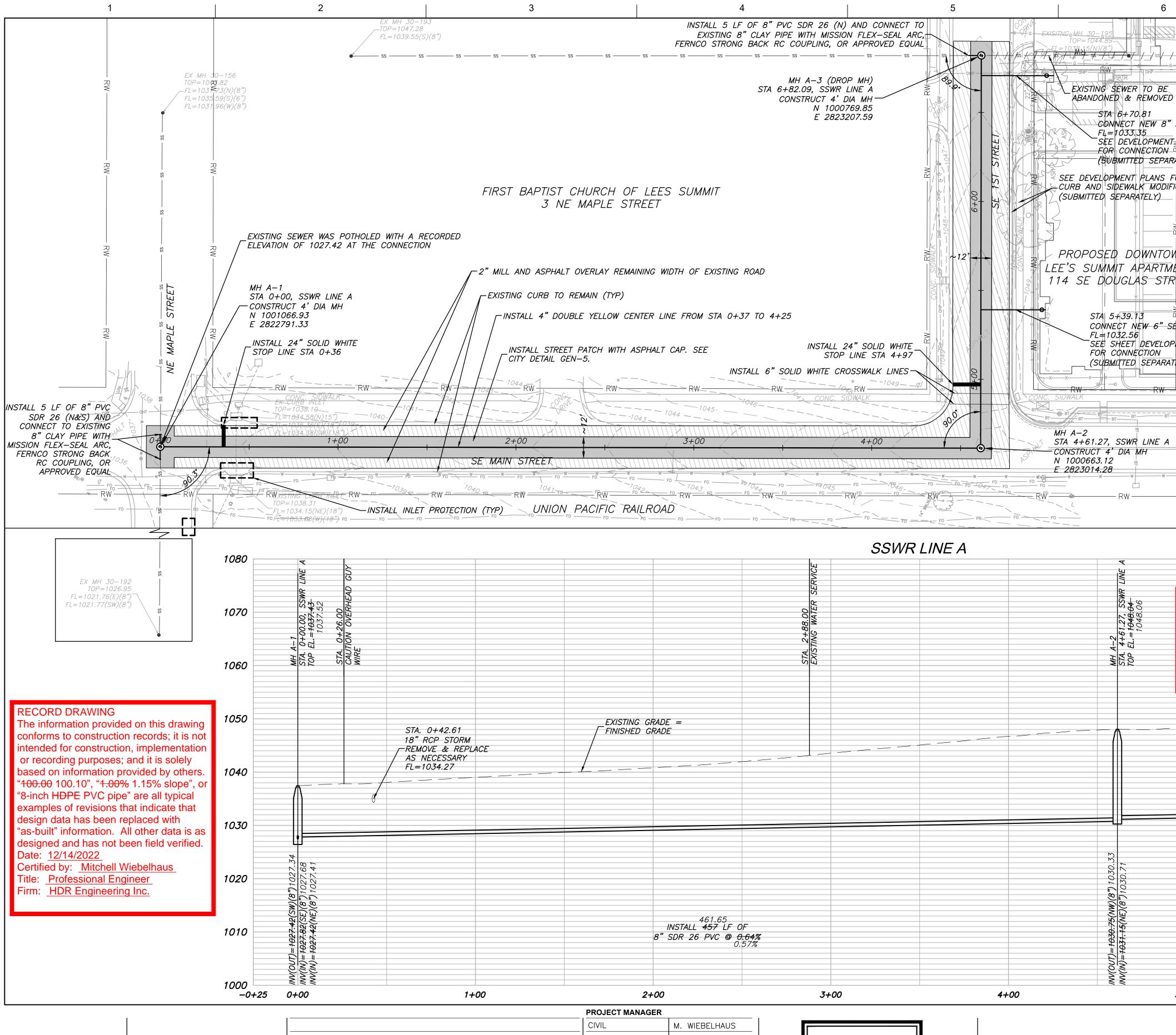
Accepted **Record Drawings**

These plans have been reviewed for accuracy and are accepted for basic conformance to the approved construction drawings.

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 by others. "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.





HDR MISSOURI CERTIFICATE OF AUTHORITY #: 000856

10450 HOLMES ROAD, SUITE 600 KANSAS CITY, MO 64131 816-360-2700

ISSUE	DATE	DESCRIPTION	PROJECT NUMBER
1	12-31-19	CITY REVIEW	
2	03-23-20	CITY RESUBMITTAL	
3	04-14-20	FINAL PLANS	
4	12-13-22	AS-BUILT PLANS	

		11 7 8 7 1			
EXISTI	5 LF OF 8" PVC SDR 26 (N) AND CONN ING 8" CLAY PIPE WITH MISSION FLEX—SEA	ARC,	CONNE — → OF G <u>EXISITNG MH 30</u>	2-195	
<i>FERNCO S7</i> ss ss s	TRONG BACK RC COUPLING, OR APPROVED is ss	EQUAL 5 ss ss	FU = 1038, 15(N)(8") 5	
	MH A-3 (DROP MH) STA 6+82.09, SSWR LINE A	MH 09.00		ING SEWER TO BE	
	CONSTRUCT 4' DIA MH N 1000769.85			DONED & REMOVED STA 6+70.81	
	E 2823207.59			CONNECT NEW 8" SI FL=1033.35	ERVICE
		REET OH		SEE DEVELOPMENT	PLANS
		S11		(SUBMITTED SEPARAT	
HURCH OF LEES SUMMIT			CURB AN	ELOPMENT PLANS FO	
MAPLE STREET		SE + 00	(SUBMITT	TED SEPARATELY)	
		// 948			
				DSED DOWNTOWI JMMIT APARTMEI	
VERLAY REMAINING WIDTH OF EXIS	STING RUAD			DOUGLAS STRE	
MAIN (TYP)					
E YELLOW CENTER LINE FROM STA	A 0+37 TO 4+25			57A 5+39.13 🕅 🖄 CONNECT NEW 6" SER	RVICE
PATCH WITH ASPHALT CAP. SEE .5.	INSTALL 24" SOLID W STOP LINE STA 4			FL=1032.56 SEE SHEET DEVELOPM FOR CONNECTION SUBMITTED SEPARATED	
×	INSTALL 6" SOLID WHITE CROSSWALK LIN				
RW	RW CONC. SIDWALK		CONC. SIDWALK	₩	
1045-		90.0	BT BT BT		<u>—— вт</u> ——— в
3+00	11471111111111111111111111111111111111		MH A-2 STA 4+61	1.27, SSWR LINE A	
				CT 4' DIA MH	
F0 F		W	<u> </u>		
FRW F0 F0 RW F0 =	FO =	6- F0	0 F0 F0 RW	RW	RW
ACIFIC RAILROAD	P F0	FO FO FO	F0 F0		
		VR LINE A		T	

I I	STA. 2+88.00 EXISTING WATER SEI	Image: state	MH A-2 STA. 4+61.27, SSWR TOP EL.=1048.06 1048.06	Acc Record These plans have accuracy and are conformance construction
EXISTING GRADE =				
INSTALL 8" SDR 26	61.65 457 LF OF PVC @ 0.64% 0.57%)= 1030.75(NW)(8") 1030.33 1031.15(NE)(8")1030.71	
2+00 PROJECT MANAGER	3+00	4+00	= WV(UN) = <u></u>	5+00
	DRAWII CONFORMI CONSTRU RECOP 12/13/	ING TO CTION RDS PUBLIC	NTOWN LEE'S SUM C SANITARY SEWE 114 S.E. DOUGLA LEE'S SUMMIT,	ER IMPROVEME AS STREET

10186909

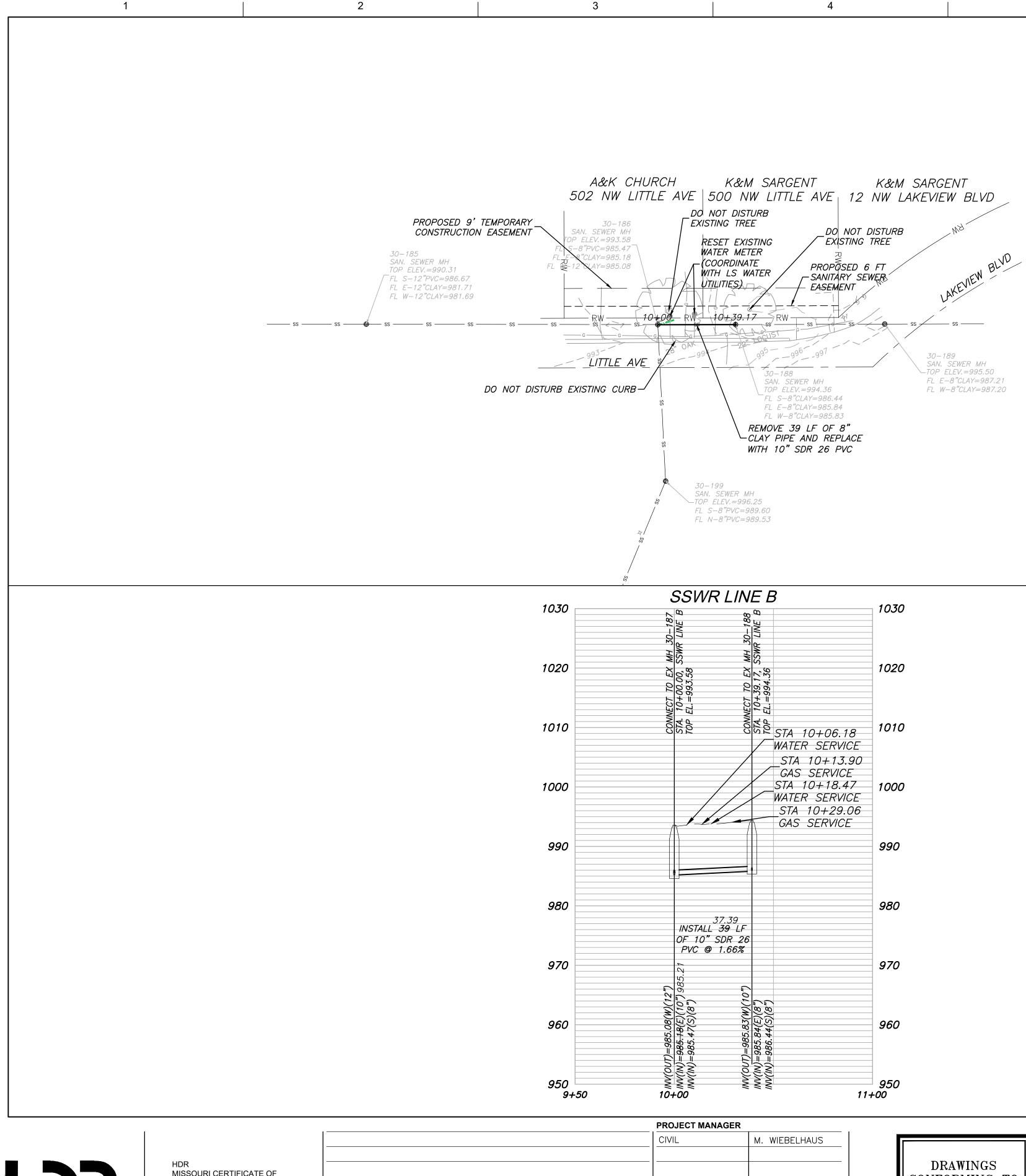
		7						8	
	<u>GE</u>	VERAL	<u>NOTES:</u>						7
HORZ. SCALE: 1"=30'	1.	APP DEP MET	LICABLE STANDAF ARTMENT OF THE ROPOLITAN CHAP	RDS AN CITY TER OF	ID SPE OF LE F THE	ECIFICA E'S SU AMERI	TIONS OF TH UMMIT, THE H CAN PUBLIC	ALL CONFORM TO ALL IE PUBLIC WORKS KANSAS CITY WORKS ASSOCIATION PAL RESOURCES (MDNR).	
VERT. SCALE: 1"=10'	2.		WORKMANSHIP A PECTION AND APF					ECT TO THE SUMMIT, MISSOURI.	
	З.	FRO. VERI	M INFORMATION	AVAILAE N OF A	BLE, IT ALL UT	IS TH	HE CONTRACT (WHETHER S	S WERE DEVELOPED ORS RESPONSIBILITY TO SHOWN OR NOT) AND	D
	4.	NUM THE PUB OBT	IBER 583, 78TH BILL REQUIRES LIC RIGHT—OF—W	GENER THAT A AY DO ON FR	PAL AS ANY PE SO C POM, U	SEMBL TRSON INLY A	Y OF THE S OR FIRM DO FTER GIVING	NS OF THE STATE BILL TATE OF MISSOURI. DING EXCAVATION ON NOTICE TO, AND STATE LAW REQUIRES	
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	5.	ADJ, SILT	ACENT AND DOWI	VSTREA DURING	M PRO	DPERTY PHASES	Y OWNERS FI S OF CONSTI	TOR TO PROTECT THE ROM STORM WATER, RUCTION, AND SHALL	
	6.	LOC,	AL ACCESS TO A	LL PRO	OPERTI	ES SH	IALL BE MAIN	ITAINED AT ALL TIMES.	
	7.	OR THE RES	GAS MAINS HORI. EXISTING MAIN(S	ZONTAL 5). IF A UPPOR	LY AN APPLIC, ?TING A	ID VER ABLE T ANY WA	TICALLY WHE THE CONTRAC ATER MAIN O	TING ANY WATER MAINS N CROSSING UNDER CTOR WILL BE N GAS MAIN LATERALLY,	С
	8.		TRACTOR MUST (DR TO ANY EXCA					NLL UTILITY POLES	
	9.	ALL	UTILITY AND SAI	VITARY	SERVI	CE LIN	IES SHALL B	E KEPT IN SERVICE S. IT SHALL BE THE	
		CON AND THE UTIL LINE NEG	TRACTOR'S RESP NOTIFY THE CIT CONTRACTOR SH ITY COMPANIES F 'S PRIOR TO ANY LIGENCE OF THE	ONSIBIL Y'S RE IALL BL TOR FIE COR FIE CONTE	LITY TO PRESE E HELL ELD LO VATION	D LOCA INTATIV D RESI DCATIOI I. UTILI	ATE ALL EXIS /E OF ANY C PONSIBLE FC N OF ALL UI ITIES DAMAGE	STING SERVICE LINES, CONFLICTS IMMEDIATELY. OR CONTACTING ALL NDERGROUND UTILITY ED THROUGH THE	
		CON	TRACTOR'S EXPE	R		T		1080	
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Accepted ord Drawings				<u>6+72.00</u> ION OVERHEAL	(HM QUAU) 2	+82.09, SSWR = 1045.23	2	1070	В
have been reviewed d are accepted for b ance to the approve ruction drawings.	asi			STA. 6 CAUTIC				1060	
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	6+0	20					7+00 7+	1000 -25	





FILENAME 02-P&P.dwg SCALE AS NOTED

SHEET 02



MISSOURI CERTIFICATE OF AUTHORITY #: 000856

10450 HOLMES ROAD, SUITE 600 KANSAS CITY, MO 64131 816-360-2700

	CITY RESUBMITTAL
3–23–20	CITY RESUBMITTAL
1-14-20	FINAL PLANS
2-13-22	AS-BUILT PLANS

CIVIL	M. WIEBELHAUS
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



These plans have been reviewed for accuracy and are accepted for basic conformance to the approved construction drawings.

V

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GENERAL NOTES:



HORZ. SCALE: 1"=30' VERT. SCALE: 1"=10' 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).

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- 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.

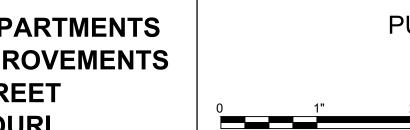
PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL NOTIFY ALL THOSE COMPANIES WHICH HAVE FACILITIES IN THE NEAR VICINITY OF THE CONSTRUCTION TO BE PERFORMED.

- 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.

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Firm: HDR Engineering Inc.

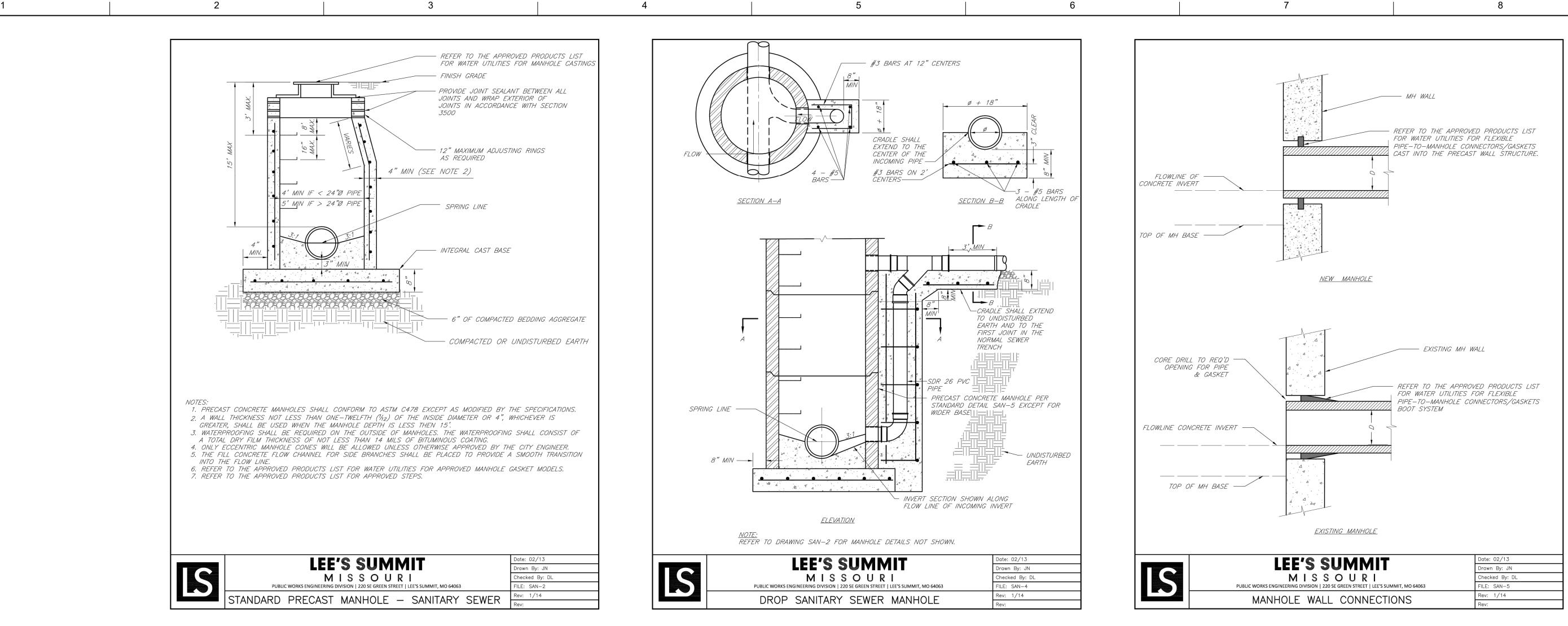


PUBLIC SEWER LINE B PLAN & PROFILE

FILENAME 03-P&P.dwg

SCALE AS NOTED





N.T.S.

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HDR MISSOURI CERTIFICATE OF AUTHORITY #: 000856

10450 HOLMES ROAD, SUITE 600 KANSAS CITY, MO 64131 816-360-2700

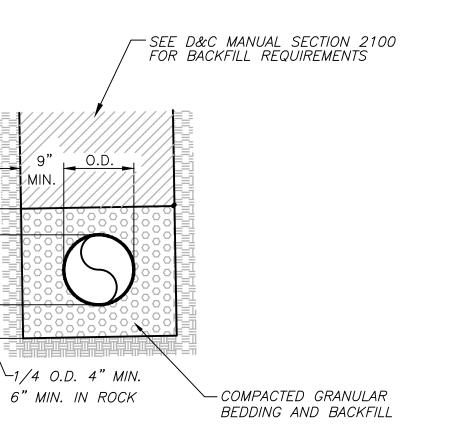
1	12-31-19	
	10 71 10	CITY REVIEW
2	03-23-20	CITY RESUBMITTAL
3	04-14-20	FINAL PLANS
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3







Accepted **Record Drawings**

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<u>PVC PIPE</u>

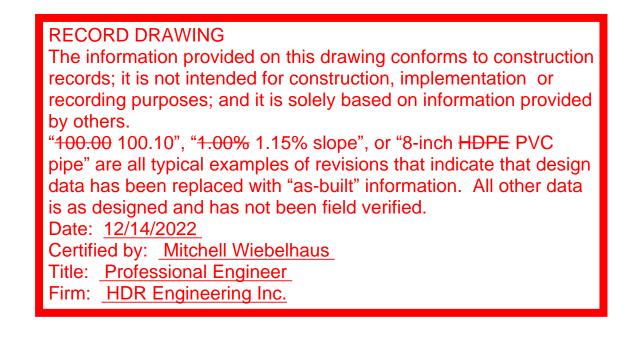
PIPE INSTALLATION DETAILS

PROJECT MANAGER	
CIVIL	M. WIEBELHAUS
	4040000
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





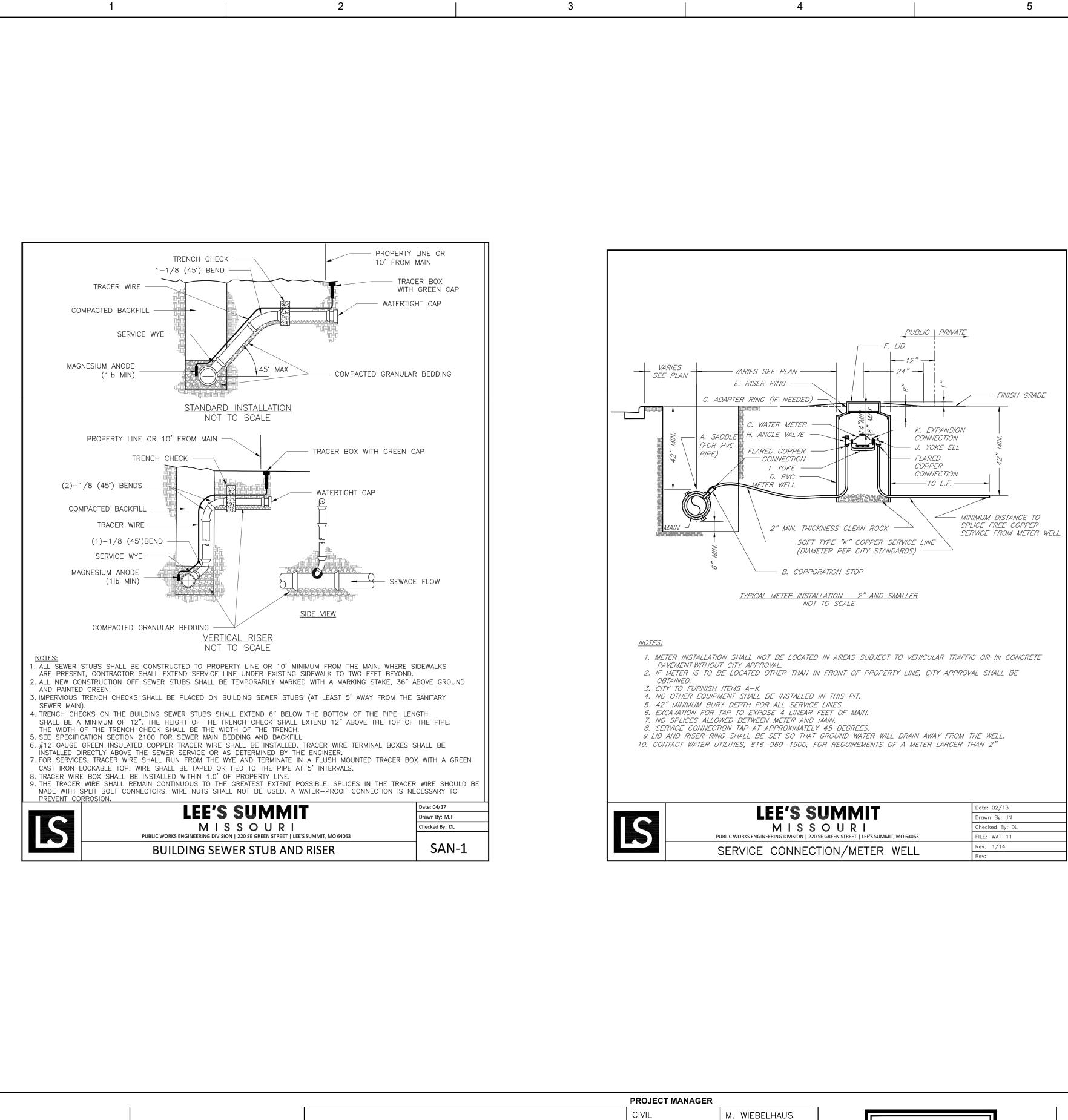


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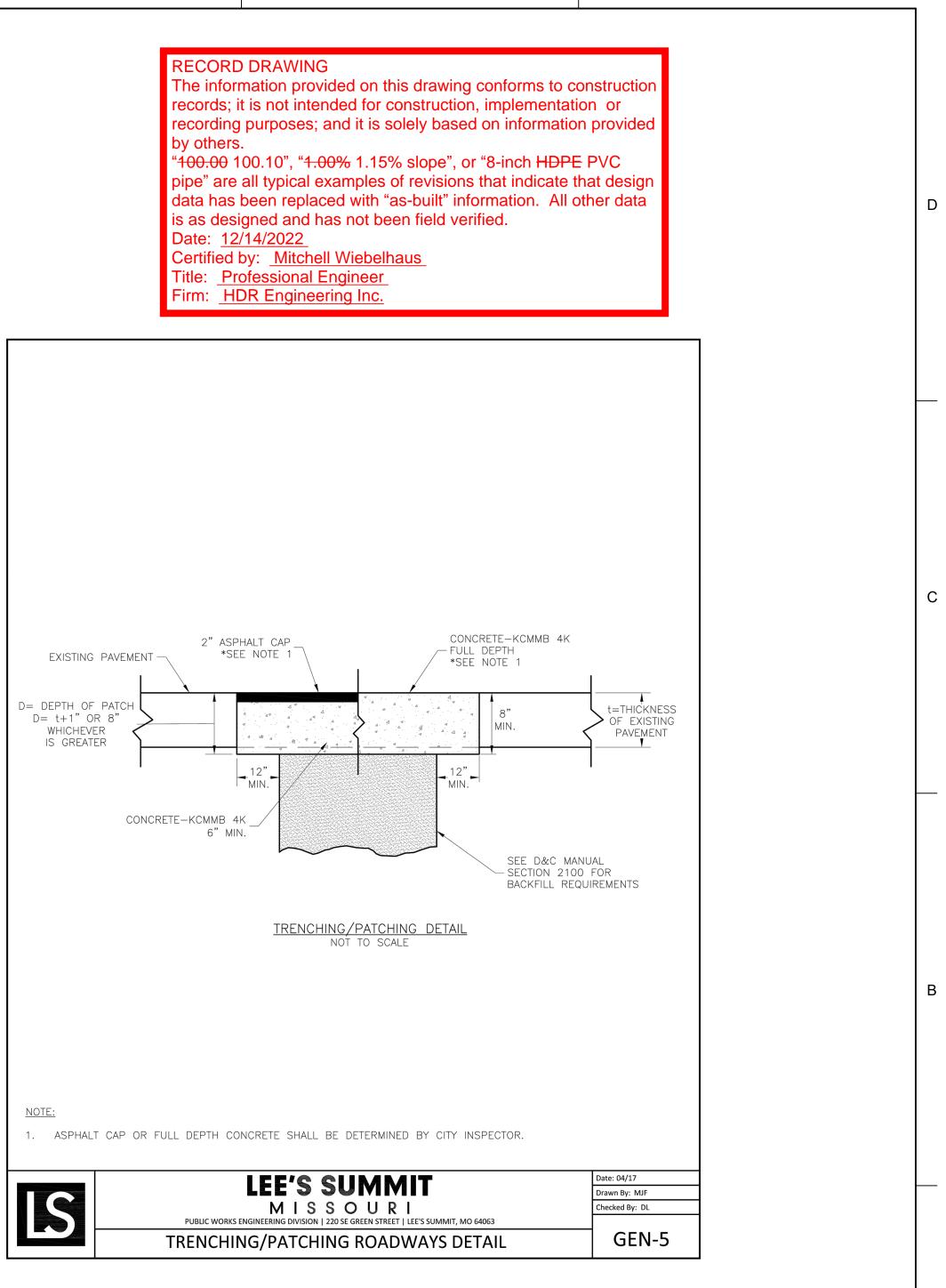


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10450 HOLMES ROAD, SUITE 600 KANSAS CITY, MO 64131 816-360-2700

2	 CITY RESUBMITTAL
3 2	FINAL PLANS CITY RESUBMITTAL
	 AS-BUILT PLANS

S	LEE'S SUMMIT	Date: 02/13
	LEE 3 JUIVIIVII I	Drawn By: JN
	MISSOURI	Checked By: DL
	PUBLIC WORKS ENGINEERING DIVISION 220 SE GREEN STREET LEE'S SUMMIT, MO 64063	FILE: WAT-11
	SERVICE CONNECTION/METER WELL	Rev: 1/14
	SERVICE CONNECTION/METER WELL	Rev:





PROJECT MANAGER				
CIVIL	M. WIEBELHAUS			
PROJECT NUMBER	10186909			

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DRAWINGS
CONFORMING TO
CONSTRUCTION
RECORDS
12/13/2022
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DOWNTOWN LEE'S SUMMIT APARTMENTS PUBLIC SANITARY SEWER IMPROVEMENTS **114 S.E. DOUGLAS STREET** LEE'S SUMMIT, MISSOURI

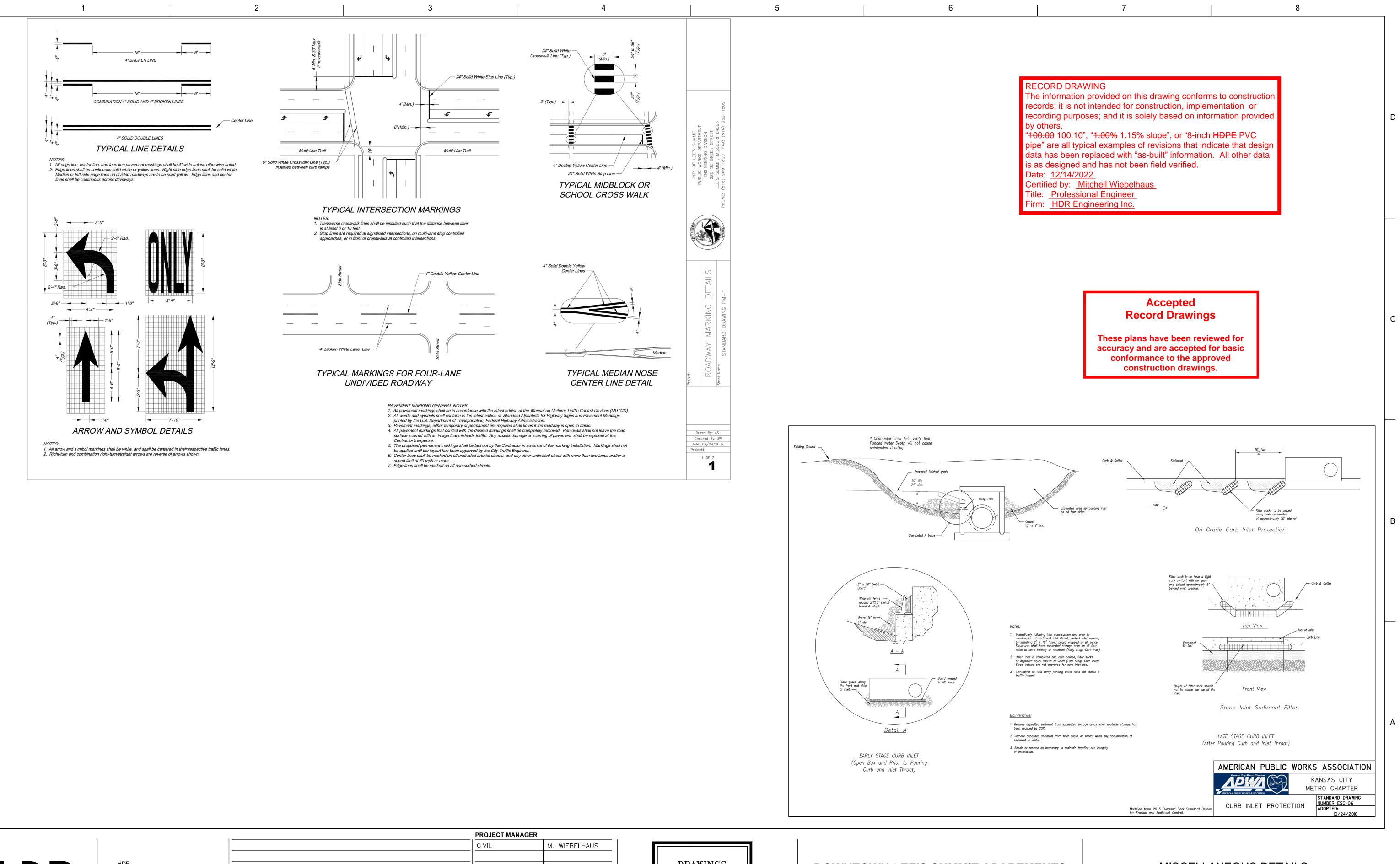


MISCELLANEOUS DETAILS

FILENAME 05-Details.dwg SCALE AS NOTED

SHEET

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HDR	
MISSOURI CEF	RTIFICATE OF
AUTHORITY #:	000856

10450 HOLMES ROAD, SUITE 600 KANSAS CITY, MO 64131 816-360-2700

12-31-19	CITY REVIEW
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ROJECT NUMBER	

10186909

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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

FILENAME 06-Details.dwg SCALE AS NOTED

SHEET 06