PUBLIC SANITARY SEWER IMPROVEMENT PLANS

<u>LEGEND:</u>

Ф		BENCH MARK
e eti	Ρ	ELECTRIC TRANSFORMER PAD
D EH		FIRE HYDRANT
d MS	5	METAL SIGN
)	POWER POLE
SS	МН	SANITARY MANHOLE
	МН	STORM MANHOLE
TEI	P v	TELEPHONE PEDESTAL WATER VALVE

BENCH MARK

BM#1 - ELEV=1028.13 A SQUARE CUT IN THE CENTER FRONT FACE OF A CURB INLET LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF SUMMITCREST DRIVE AND HOLLYWOOD DRIVE

BM#2 - ELEV=1018.09

A SQUARE CU IN THE CENTER FRONT FACE OF A CURB INLET LOCATED EAST OF THE EXISTING ENTRANCE OF 210 NW 150 HWY, BEING ALSO NORTHWEST OF THE NORTH ENTRANCE OF HAWKINS COMMERCIAL LOT 1, CURRENTLY ARBY'S

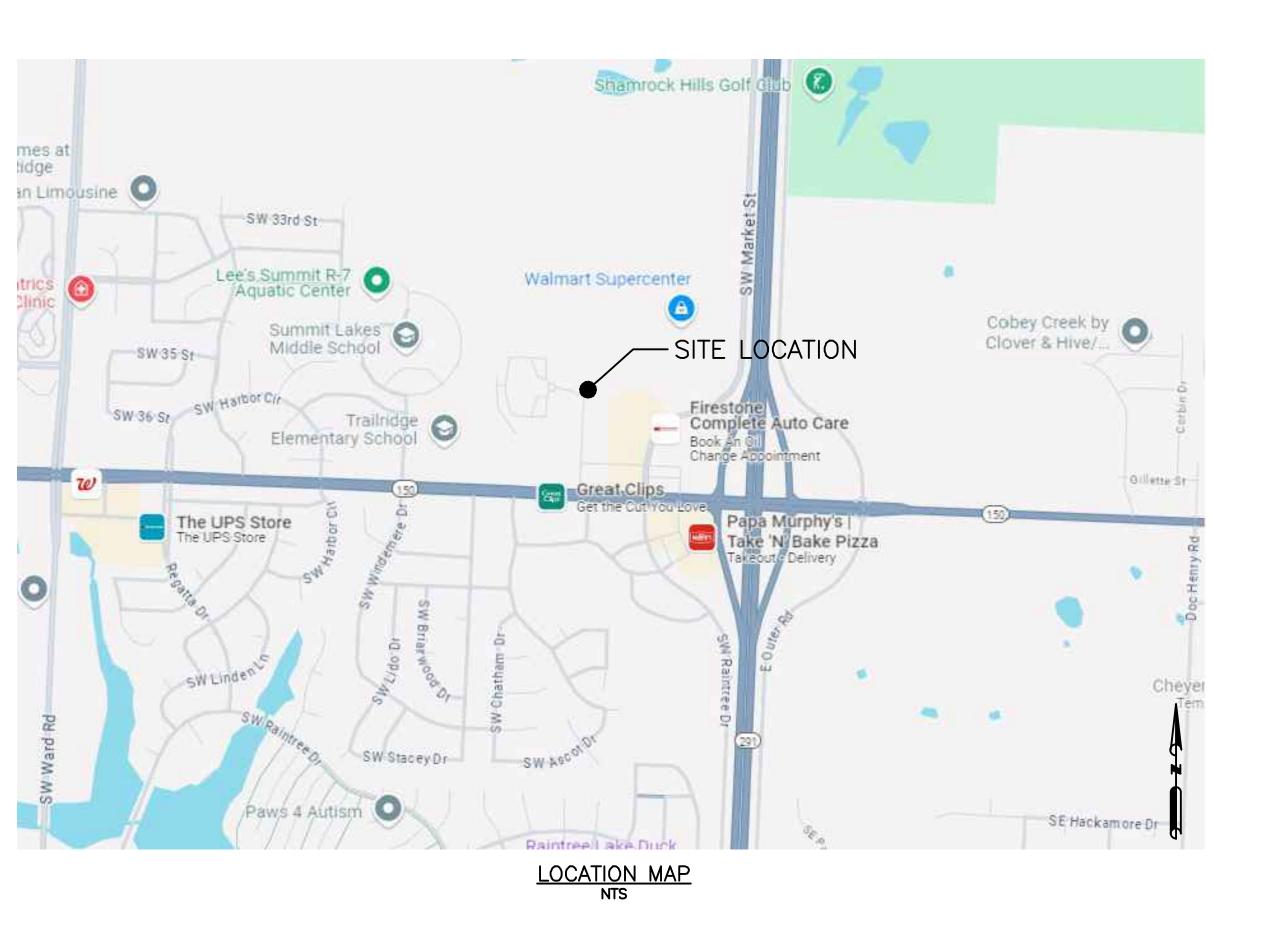
LAND DESCRIPTION AS SURVEYED

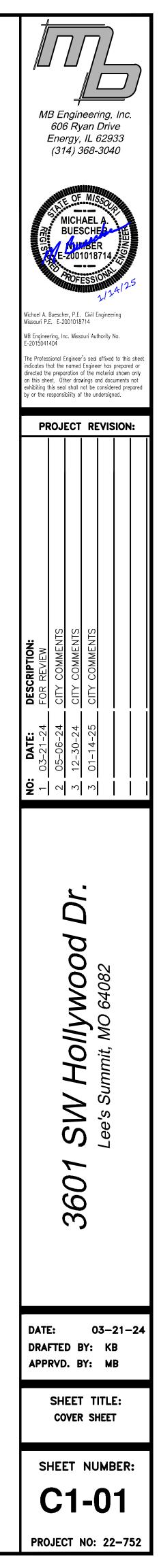
TRACT B:

PART OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 30, TOWNSHIP 47, RANGE 31, LEE'S SUMMIT, JACKSON COUNTY, MISSOURI, DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHWEST CORNER OF HAWKINS' COMMERCIAL LOT 1, RECORDED AS DOCUMENT NO. 2000/0062550, BEING ALSO THE INTERSECTION OF THE NORTH RIGHT OF WAY LINE OF MISSOURI 150 HIGHWAY AS SHOWN IN RIGHT OF WAY DEED DOCUMENT NO. 2014E0080868 AND THE EASTERLY LINE OF THE DOCUMENT RECORDED AS 1988I0875030; THENCE NORTH 02°23'26" EAST, ALONG THE WEST LINE OF SAID HAWKINS' COMMERCIAL LOT 1, A DISTANCE OF 208.16 FEET, TO THESOUTHEAST CORNER OF RIGHT OF WAY TAKEN OF SUMMITCREST DRIVE AS ESTABLISHED BY SAID RIGHT OF WAY DOCUMENT NO. 2014E0080868 AND PROLONGATION OF THE WEST LINE OF SAID HAWKINS' COMMERCIAL LOT 1; THENCE NORTH 02°23'26" EAST, A DISTANCE OF 60.00 FEET, TO THE INTERSECTION OF THE NORTH RIGHT OF WAY LINE OF SAID SUMMITCREST DRIVE AND THE EASTERLY LINE OF THE DOCUMENT RECORDED AS 198810875030 AND THE WEST LINE OF SUMMITCREST PLAZA LOT 1 RECORDED AS DOCUMENT NO. 2001I0010320, BEING ALSO THE TRUE POINT OF BEGINNING OF TRACT B; THENCE ALONG THE WEST LINE OF SAID SUMMITCREST PLAZA, NORTH 2°23'26" EAST, A DISTANCE OF 583.70 FEET, TO THE POINT OF INTERSECTION OF KENBRIDGECROSSING AS ESTABLISHED IN SAID RIGHT OF WAY DEED IN DOCUMENT NUMBER 2014E0080868 AND THE EASTERLY LINE OF THE SAID DOCUMENT NO. 1988I0875030, BEING ALSO SAID WEST LINE OF SUMMITCREST PLAZA; THENCE ALONG SAID RIGHT OF WAY THE FOLLOWING FIVE (5) COURSES: NORTH 87°54'56" WEST, A DISTANCE OF 281.79; THENCE ALONG A CURVE TO THE LEFT, HAVING A RADIUS OF 20.00 FEET, AN ARC LENGTH OF 31.31 FEET, AND A DELTA OF 89°41'48"; THENCE SOUTH 2°23'24" WEST, A DISTANCE OF 545.37 FEET; THENCE ALONG A CURVE TO THE LEFT, WITH A RADIUS OF 20.00 FEET, AN ARC LENGTH OF 31.64 FEET, AND A DELTA OF 90°38'31"; THENCE SOUTH 88°15'20" EAST, A DISTANCE OF 281.47 FEET, TO THE POINT OFBEGINNING. ALSO KNOWN AS TRACT B, AS SHOWN ON THE CERTIFICATE OF SURVEY RECORDED 7/27/2021 AS DOCUMENT NO. 2021E0081920 IN SURVEY BOOK 51 AT PAGE 95, AND CORRECTED BY THE AFFIDAVIT RECORDED 1/10/2022 AS DOCUMENT NO. 2022E0002897.

COWBOY CARWASH 3601 SW HOLLYWOOD DRIVE

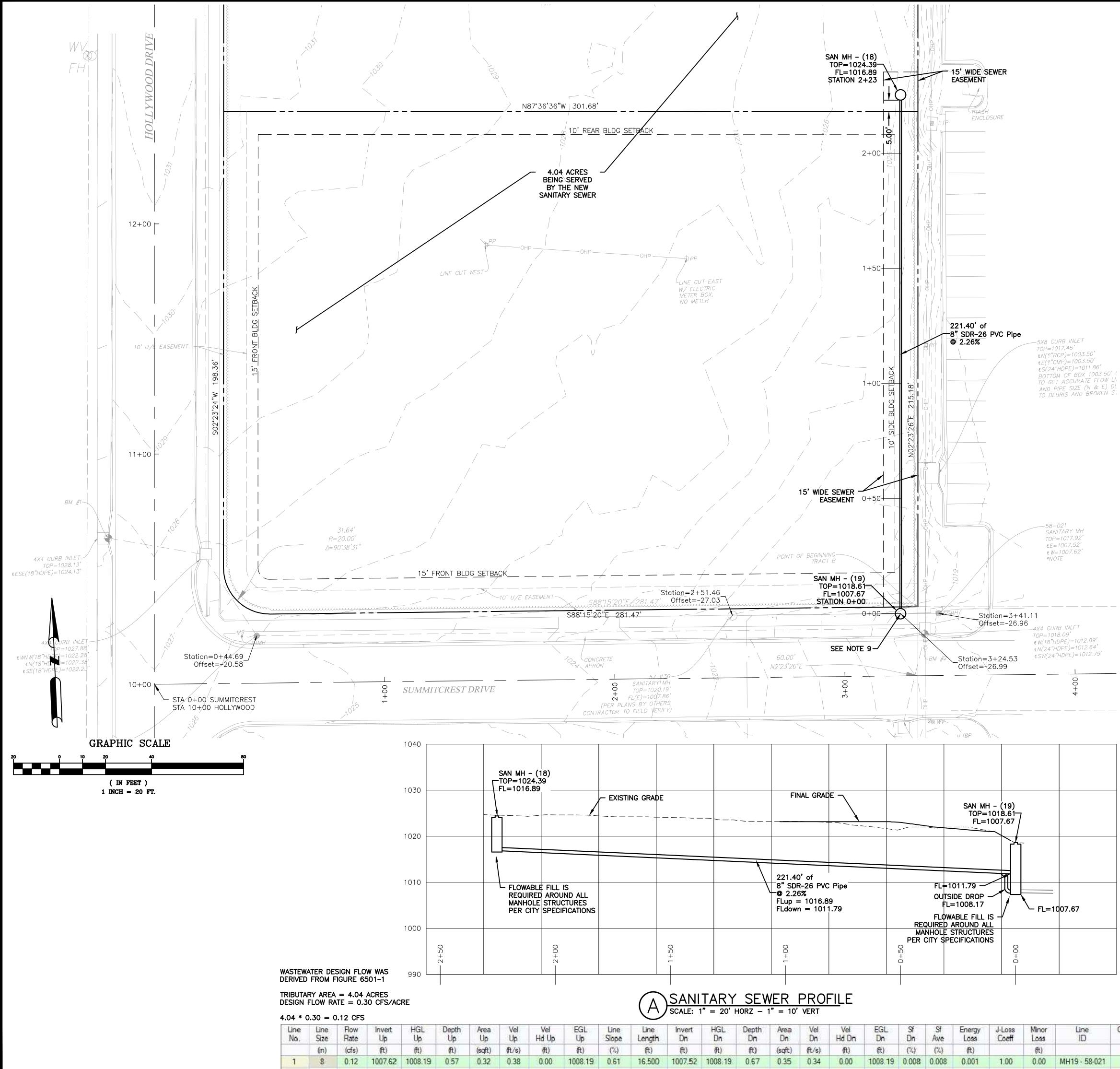
LEE'S SUMMIT, MO 64082





SHEET INDEX

C1–01 COVER SHEET PUBLIC IMPROVEMENT PLAN SEWER EXTENSION C2-01 C3-01 TYPICAL DETAILS



2 8 0.12 1016.89 1017.05 0.16** 0.06

1.90

0.06

1017.10 2.30 221.400 1011.79 1011.90 0.11 0.04 3.13 0.06 1011.96 0.000 0.000 0.000

NOTES:

- 1. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS POSSIBLE THAT THERE MAY BE OTHER, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION BEFORE EXCAVATION OR TRENCHING TO AVOID DAMAGE THERETO.
- 2. ALL DEMOLITION DEBRIS SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF ACCORDING TO ALL FEDERAL, STATE, AND LOCAL REGULATIONS.
- 3. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS NOT TO DAMAGE ANY EXISTING SITE FEATURES TO REMAIN. IF ANY DAMAGE OCCURS, THE CONTRACTOR SHALL CONTACT THE OWNERS REPRESENTATIVE IMMEDIATELY. THE CONTRACTOR SHALL REPAIR ALL DAMAGED ITEMS TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.
- 4. CONTRACTOR SHALL CALL 1-800-DIG-RITE OR MO1CALL.COM 3 DAYS BEFORE ANY EXCAVATION WORK.
- 5. ALL CONSTRUCTION SHALL FOLLOW THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL AS ADOPTED BY ORDINANCE 5813. WHERE DISCREPANCIES EXIST BETWEEN THESE PLANS AND THE DESIGN AND CONSTRUCTION MANUAL, THE DESIGN AND CONSTRUCTION MANUAL SHALL PREVAIL.
- 6. NO OIL OR GAS WELLS ARE ON SITE PER MISSOURI DEPARTMENT OF NATURAL RESOURCES G.I.S. OIL AND GAS WELL INTERACTIVE MAP
- 7. THE CONTRACTOR SHALL CONTACT THE CITY'S DEVELOPMENT SERVICES ENGINEERING INSPECTION TO SCHEDULE A PRE-CONSTRUCTION MEETING WITH A FIELD ENGINEERING INSPECTOR PRIOR TO ANY LAND DISTURBANCE WORK AT (816) 969-1200
- 8. THE CONTRACTOR SHALL CUT THE EXISTING SEWER MAIN, SET A PRECAST BASE ONTO A 6-INCH THICK (MINIMUM) CRUSHED ROCK BEDDING LAYER, AND INSERT A SEWER PIPE THROUGH THE MANHOLE TO CONNECT THE EXISTING ENDS OF THE SEWER MAIN. BOTH ENDS SHALL BE CONNECTED TO THE EXISTING SEWER WITH A RIGID COUPLING. THE INVERTS WILL BE POURED BEFORE THE TOP HALF OF THE SEWER PIPE IS CUT AWAY. ALTERNATIVELY, PRECAST INVERTS MAY BE USED FOR THIS APPLICATION. A PUMPED BYPASS OPERATION MAY BE USED FOR THIS APPLICATION FROM THE EXISTING UPSTREAM MANHOLE TO THE EXISTING DOWNSTREAM MANHOLE.

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DATE: 03-21-24 DRAFTED BY: KB APPRVD. BY: MB SHEET TITLE: PUBLIC IMPROVEMENT PLAN SEWER EXTENSION SHEET NUMBER:

C2-01

PROJECT NO: 22–752

Line ID	Capacity Full	Gmd/Rim Elev Up
	(cfs)	(ft)
MH19 - 58-021	1.02	1021.84
MH18 - MH19	1.99	1024.39

1040

1030

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1.00 z 0.06

