LAKEWOOD BUSINESS CENTER **ON I-470 - PLAT S** Lot 1

WATER LINE CONSTRUCTION PLANS Part of Section 20, Township 48 N, Range 31 W LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

WATER NOTES

1. THE CONTRACTOR SHALL COORDINATE WITH THE PUBLIC WORKS INSPECTOR AT LEAST 48 HOURS PRIOR TO ANY CONNECTIONS TO THE PUBLIC WATER SUPPLY AT 816-969-1800. THIS WORK SHALL BE COORDINATED WITH T SERVICES INSPECTOR. AND NIGHT WORK OR AFTER-HOURS WORK SHALL BE COMPLETED WITHIN 8 HOURS OF SHUTDOWN 2. ALL WATER MAINS SHALL COMPLY WITH ANSI/AWWA C150/A21.50 AND C151/A21.51, AND CITY OF LEE'S SUMMIT STANDARDS 3. FIRE HYDRANTS SHALL BE OPTIC YELLOW WATEROUS "PACER" MODEL NO. WB-67-250 WITH NON-RISING STEM OR CITY ENGINEER APPROVED EQUAL. HYDRANTS SHALL HAVE A 5 1/2 VALVE WITH A 4 1/2 PUMPER NOZZLE AND 2 - 2 1/2 HOSE NOZZLES

(LEFT HAND OPENING **4 GΔTF VΔI** E MUELLER NO. 2380-5 HUB END "O" RING SEAL NON-RISING STEM. VALVES 12" OR LARGER SHALL BI AN VES MANUEACTURED BY THE HENRY PRATT COMPANY OR CITY ENGINEER ADDROVED FOUND I FET HAN BUTTERE NIMUM 200# TESTING AWWA

OXES SHALL BE CLAY & BAILEY NO. P-108 OR CITY ENGINEER APPROVED EQUAL. ALL VALVE BOXES 5. VALVE LOCATED OUT OF EXISTING OR PROPOSED PAVEMENT AREAS.

ER MAINS SHALL BE CONSTRUCTED WITH A MINIMUM COVER OF 42 INCHES. STREET GRADING SHALL 6 ΔΙΙ WΔ COMPLETED PRIOR TO BEGINNING CONSTRUCTION OF WATER MAINS

7. ALL BENDS, TEES AND FIRE HYDRANTS SHALL BE INSTALLED WITH SUITABLE CONCRETE THRUST BLOCKS POURED IN PLACE AGAINST UNDISTURBED EARTH AND PER CITY OF LEE'S SUMMIT AND APWA STANDARDS. 8. THE MINIMUM SEPARATION BETWEEN THE PROPOSED WATER MAIN AND SANITARY OR STORM SEWERS IS AS FOLLOWS:

A) SANITARY SEWERS: HORIZONTAL = 10 FEET, VERTICAL = 18 INCHES

B) STORM SEWERS: HORIZONTAL = 5 FEET, VERTICAL = 18 INCHES

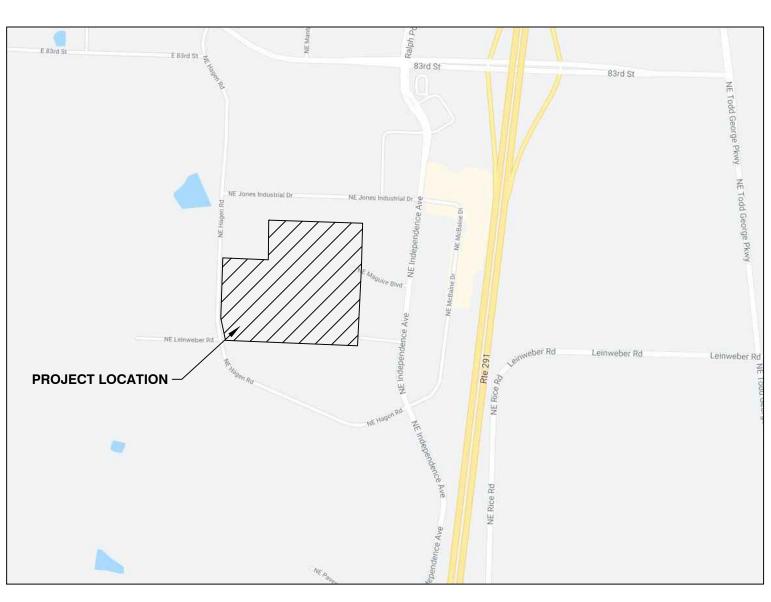
THESE SEPARATIONS SHALL PREVAIL OVER ANY DATA SHOWN IN THESE PLANS AND THE CONTRACTOR SHALL INSTALL BENDS OR OTHER FITTINGS AS NECESSARY TO ACHIEVE THE REQUIRED SEPARATIONS. 9. ALL CONSTRUCTION SHALL FOLLOW THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL AS ADOPTED BY ORDINANCE 5813.



UTILITY NOTE:

THE UTILITIES AS SHOWN IN THESE DRAWINGS WERE DEVELOPED FROM THE INFORMATION AVAILABLE. IT IS NOT IMPLIED NOR INTENDED TO BE THE COMPLETE INVENTORY OF UTILITIES IN THIS AREA. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF ALL UTILITIES (WHETHER SHOWN OR NOT) AND PROTECT SAID UTILITIES FROM ANY DAMAGE.

CALL BEFORE YOU DIG 1-800-DIG-RITE **UTILITY CONTACTS:** EVERGY SPIRE COMCAST AT&T SPECTRUM **CITY OF LEE'S SUMMIT PUBLIC WORKS** CITY OF LEE'S SUMMIT PUBLIC WORKS INSPE CITY OF LEE'S SUMMIT WATER UTILITIES



VICINITY MAP NOT TO SCALE

	816-471-5275	
	800-582-1234	
	816-795-1100	
	816-325-5610	
	816-358-5360	
	816-969-1800	
ECTIONS	816-969-1800	
	816-969-1900	

SHEET INDEX:

501 511-512

APPROVED DATE:___

COVER SHEET OVERALL LAYOUT PLAN **PLAN & PROFILE** DETAILS

LEGAL DESCRIPTION

BENCHMARK:

BEARINGS SHOWN HEREON ARE GRID BEARINGS BASED ON THE MISSOURI COORDINATE SYSTEM OF 1983, WEST ZONE AND TIED TO CONTROL MONUMENT "JA-42". DATE OF OBSERVATION 2003 (N: 312505.303 METERS, E: 859594.663 METERS) OF THE MISSOURI GEOGRAPHIC REFERENCE SYSTEM, AS DEVELOPED FROM GPS OBSERVATIONS, A GRID FACTOR OF 0.9999031 WAS USED.

ENGINEER'S CERTIFICATION:

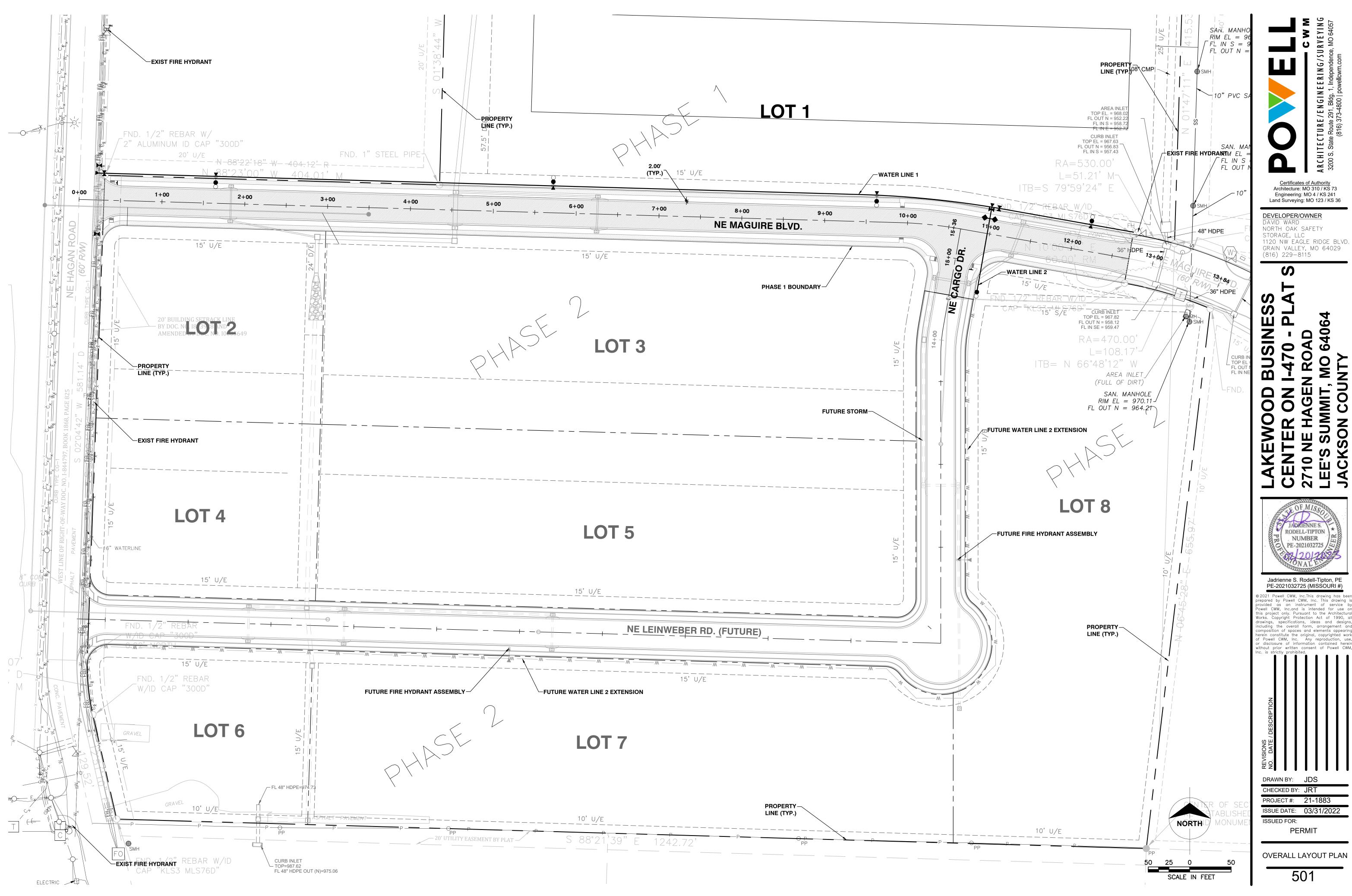
I HEREBY CERTIFY THAT THIS PROJECT HAS BEEN DESIGNED AND THESE PLANS PREPARED IN ACCORDANCE WITH THE CURRENT DESIGN CRITERIA OF THE CITY OF LEE'S SUMMIT, MISSOURI AND THE STATE OF MISSOURI. I FURTHER CERTIFY THAT THESE PLANS WERE IN ACCORDANCE TO AASHTO STANDARDS.

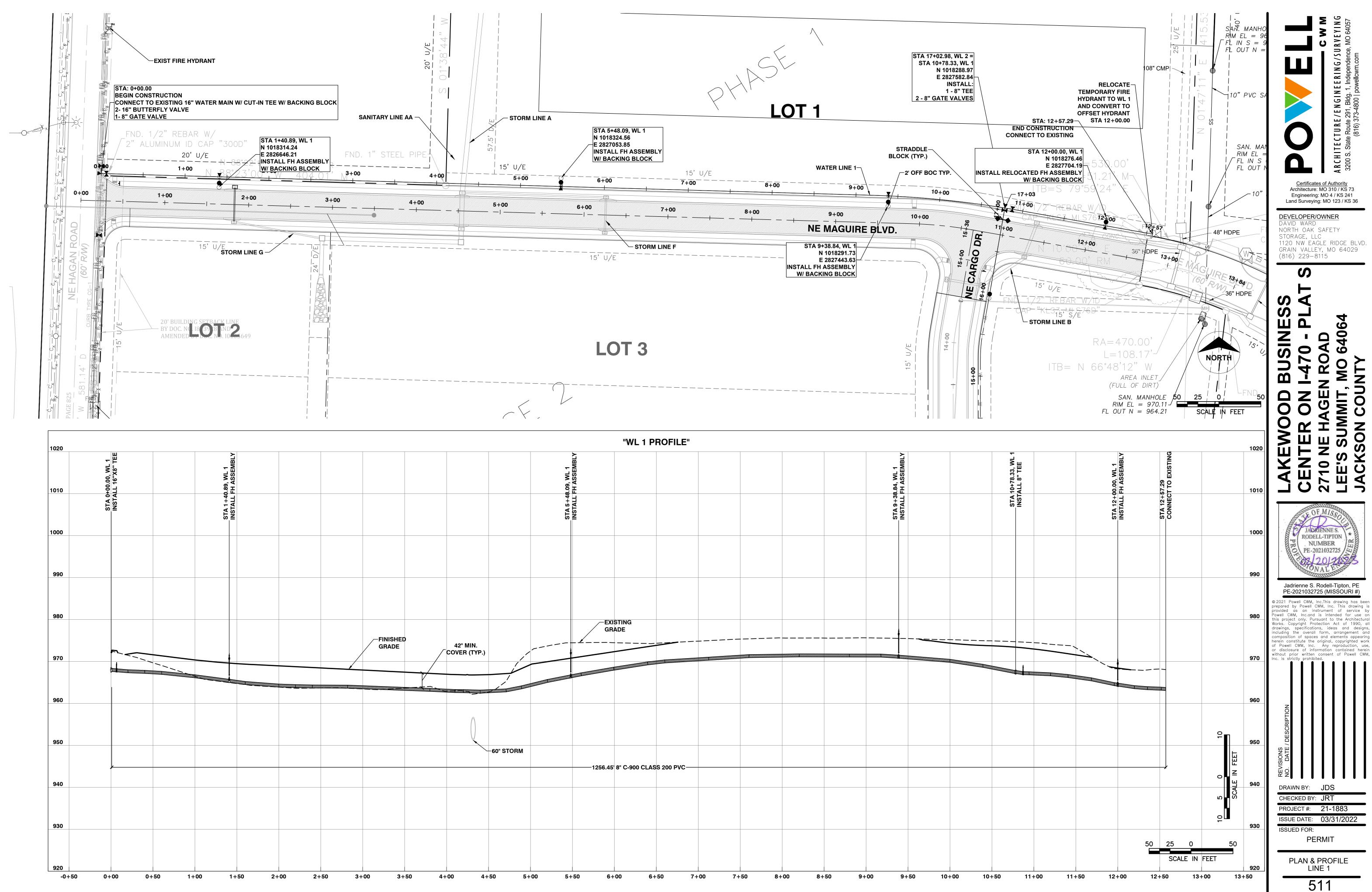
SIGNATURE DATE

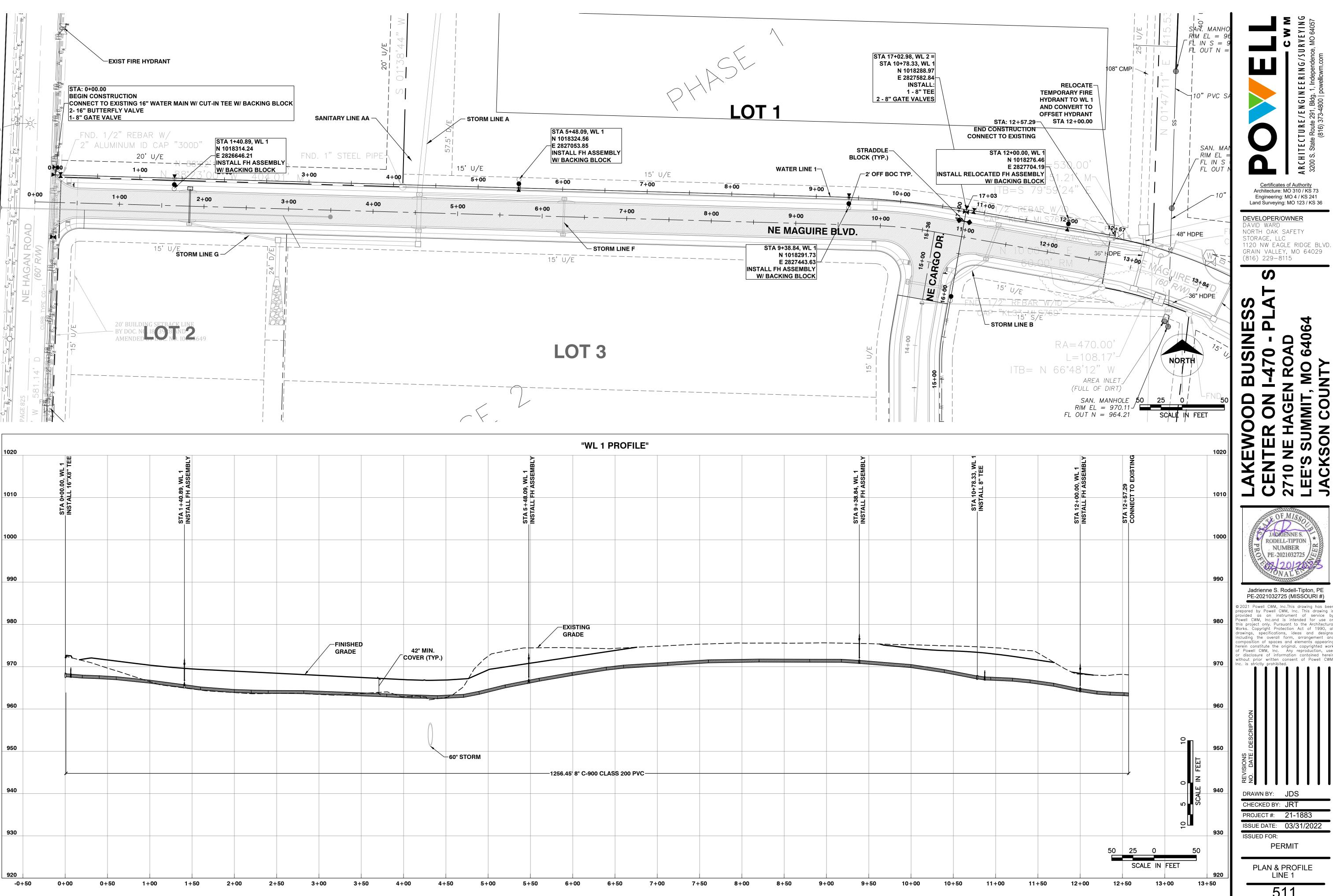
CITY OF LEE'S SUMMIT, MISSOURI

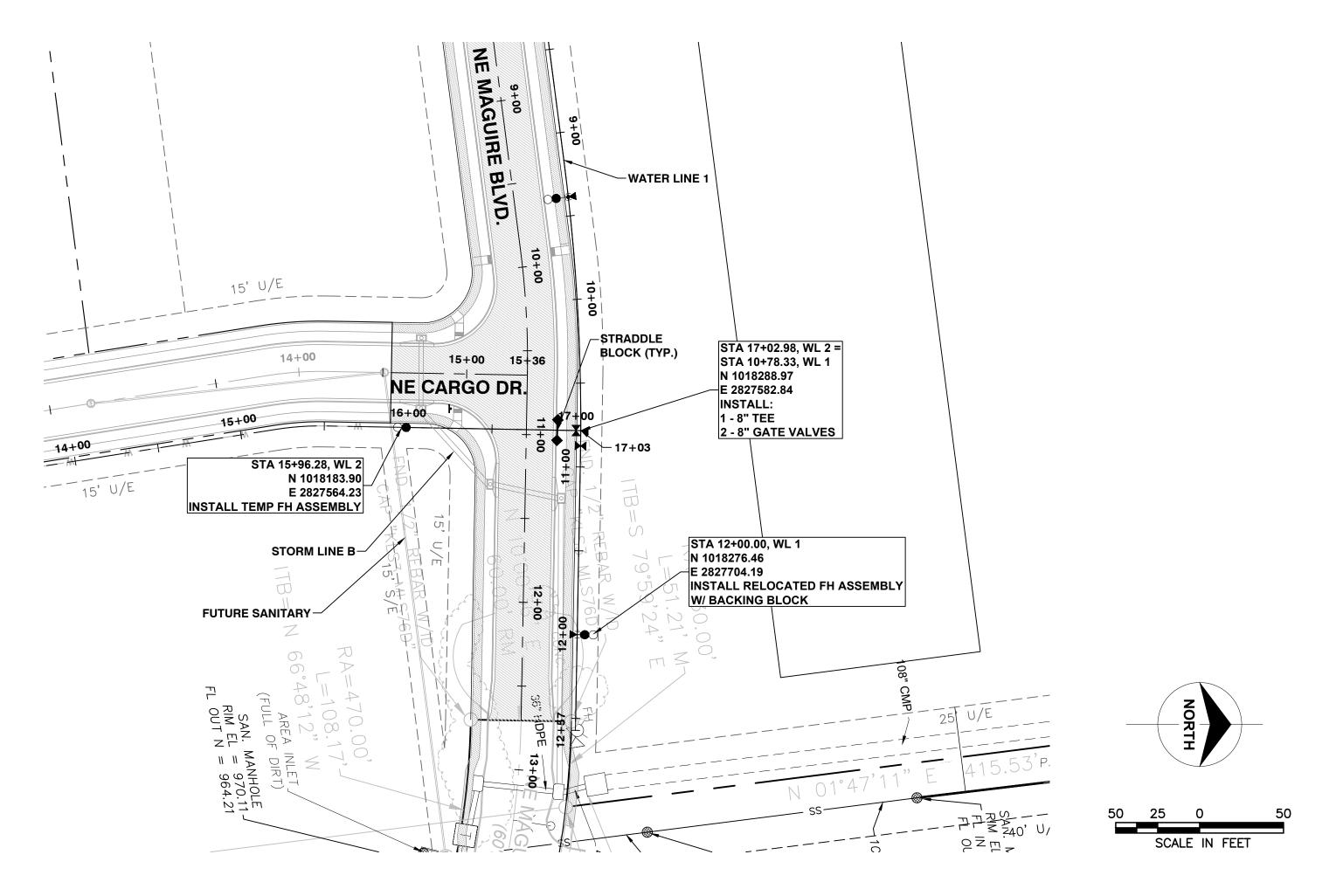
CITY ENGINEER

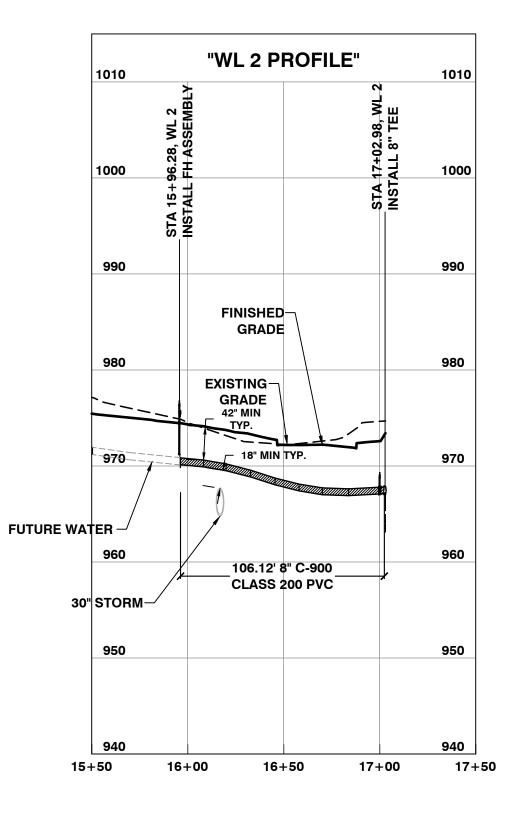
North OrderOOO
LAKEWOOD BUSINESS CENTER ON I-470 - PLAT S 2710 NE HAGEN ROAD LEE'S SUMMIT, MO 64064 JACKSON COUNTY
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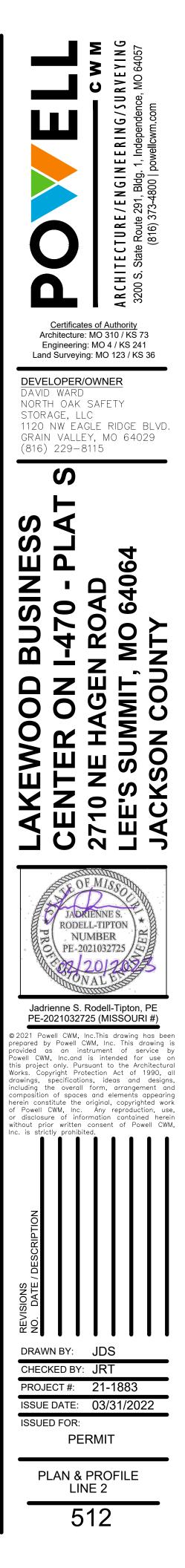


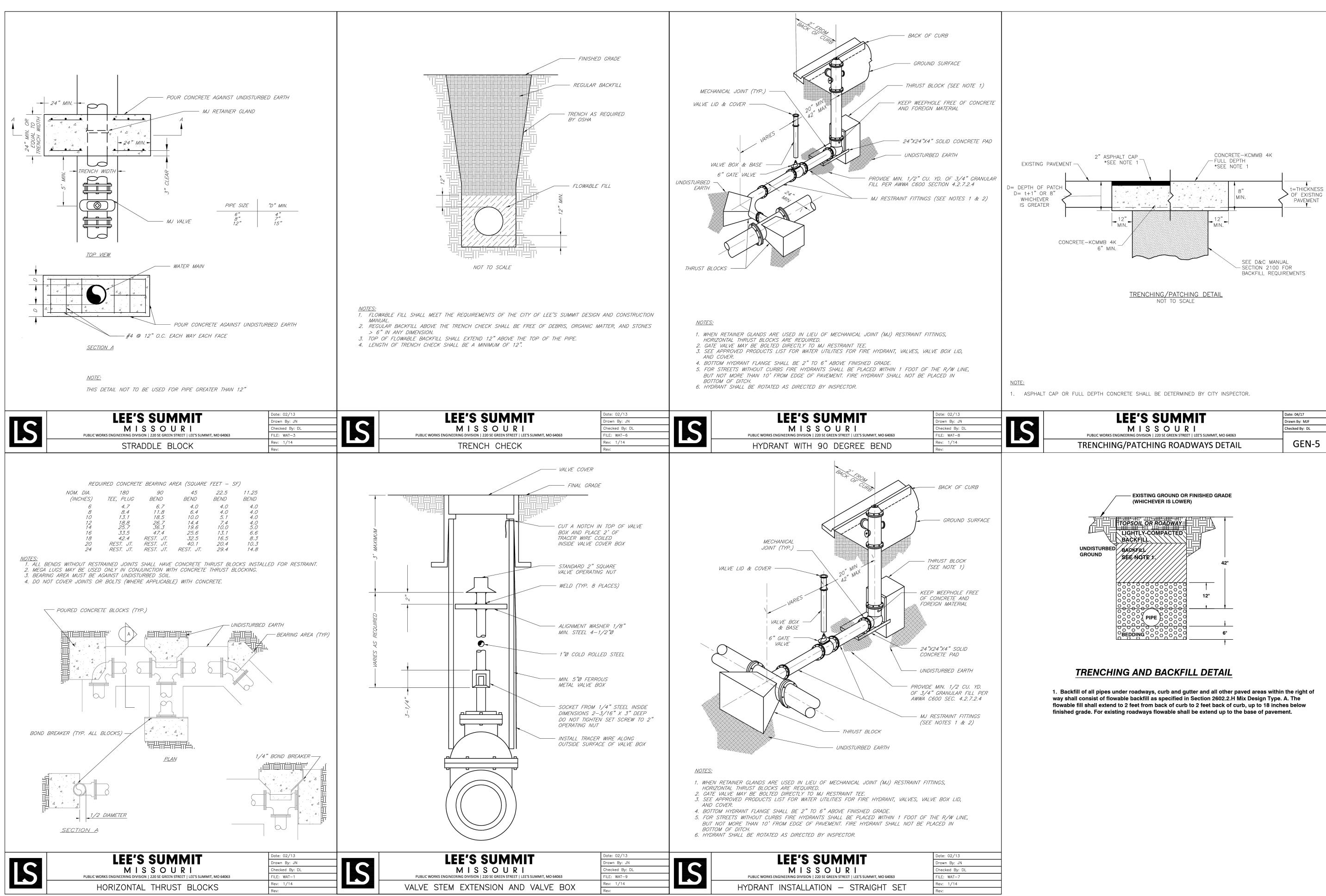












LEE'S SUMMIT	Date: 04/17
	Drawn By: MJF
MISSOURI	Checked By: DL
PUBLIC WORKS ENGINEERING DIVISION 220 SE GREEN STREET LEE'S SUMMIT, MO 64063	
TRENCHING/PATCHING ROADWAYS DETAIL	GEN-5

