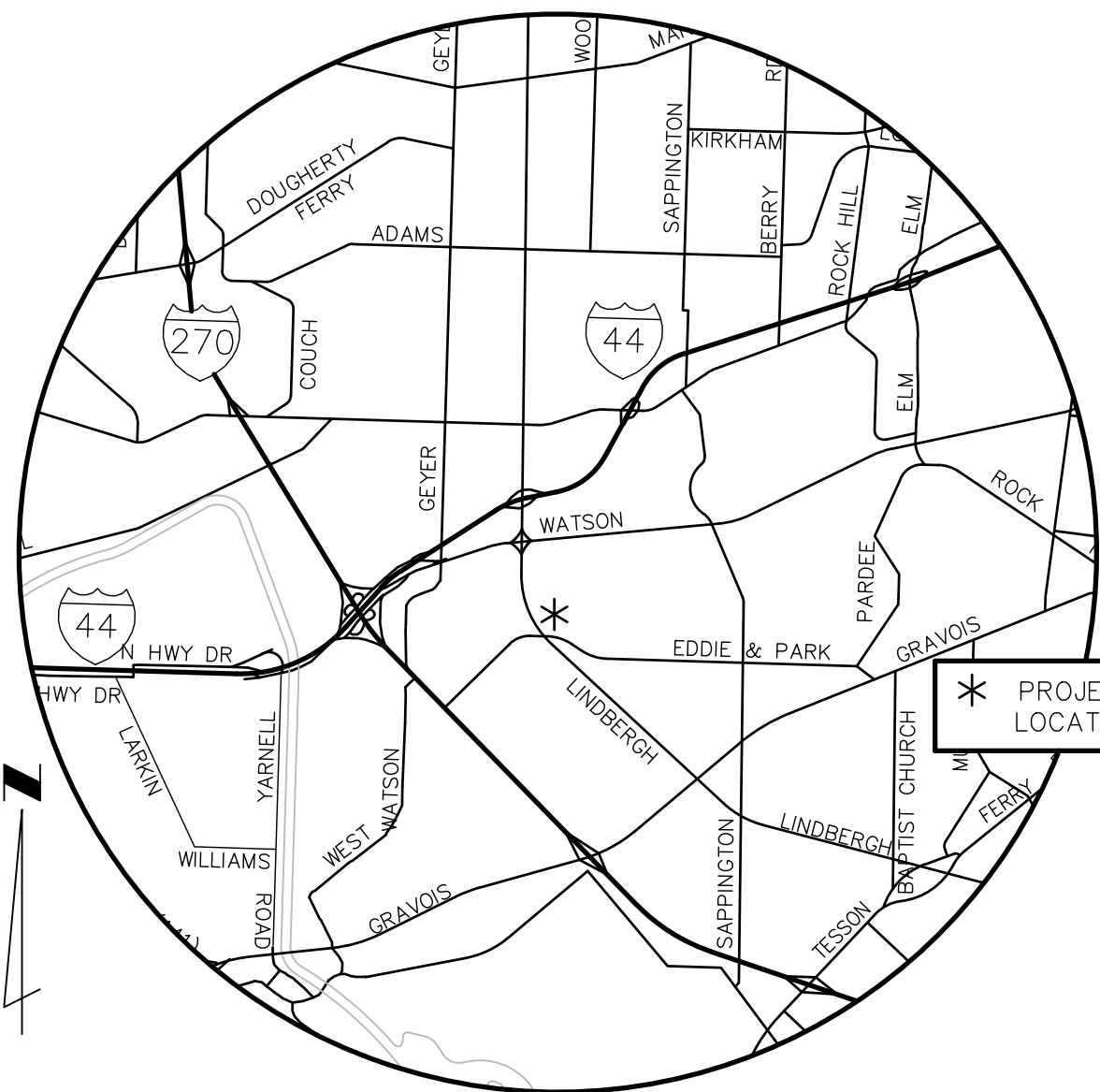


METROPOLITAN ST. LOUIS SEWER DISTRICT

GLENFIELD SANITARY RELIEF (WATSON WOODS CT TO S LINDBERGH BLVD)



LOCATION MAP
NOT TO SCALE

INDEX

SHEET NO.	DESCRIPTION
1 2-8	COVER SHEET PLAN AND PROFILE

MSD BENCHMARK
HORIZONTAL AND VERTICAL CONTROL WAS ESTABLISHED USING "TRIMBLE R8" GPS EQUIPMENT, USING THE MODOT CONTINUOUSLY OPERATING MIDWEST RTK NETWORK. HORIZONTAL CONTROL IS REPORTED IN NAD-83 AND VERTICAL CONTROL IS REPORTED IN NAVD-88. FIELD WORK WAS PERFORMED DURING THE MONTH OF MARCH, 2021.

PROJECT BENCHMARKS

BM 12264-01
"SQUARE" CUT AT THE EAST SIDE OF CONCRETE COLUMN OF LIGHT STANDARD.
ELEVATION 653.61

BM 12264-02
"CROSS" CUT AT THE WEST SIDE OF SANITARY MANHOLE (21M2-065S). LOCATED IN BEHIND OF #8880 WATSON WOODS COURT.
ELEVATION 610.25

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METROPOLITAN ST. LOUIS SEWER DISTRICT 2350 MARKET STREET ST. LOUIS, MO 63103 (314) 768-6200			
GLENFIELD SANITARY RELIEF (WATSON WOODS CT TO S LINDBERGH BLVD) 12264-015.1 SUNSET HILLS ST. LOUIS COUNTY, MISSOURI			
Asst Dir Engr		Checked	D.K.G.
Dir Engr		Date	MAY, 2021
		Sheet No	1 of 8

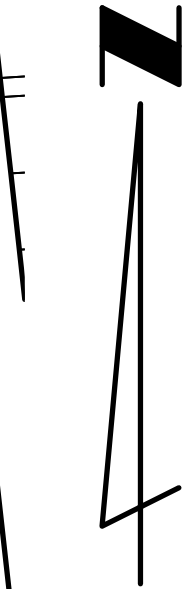
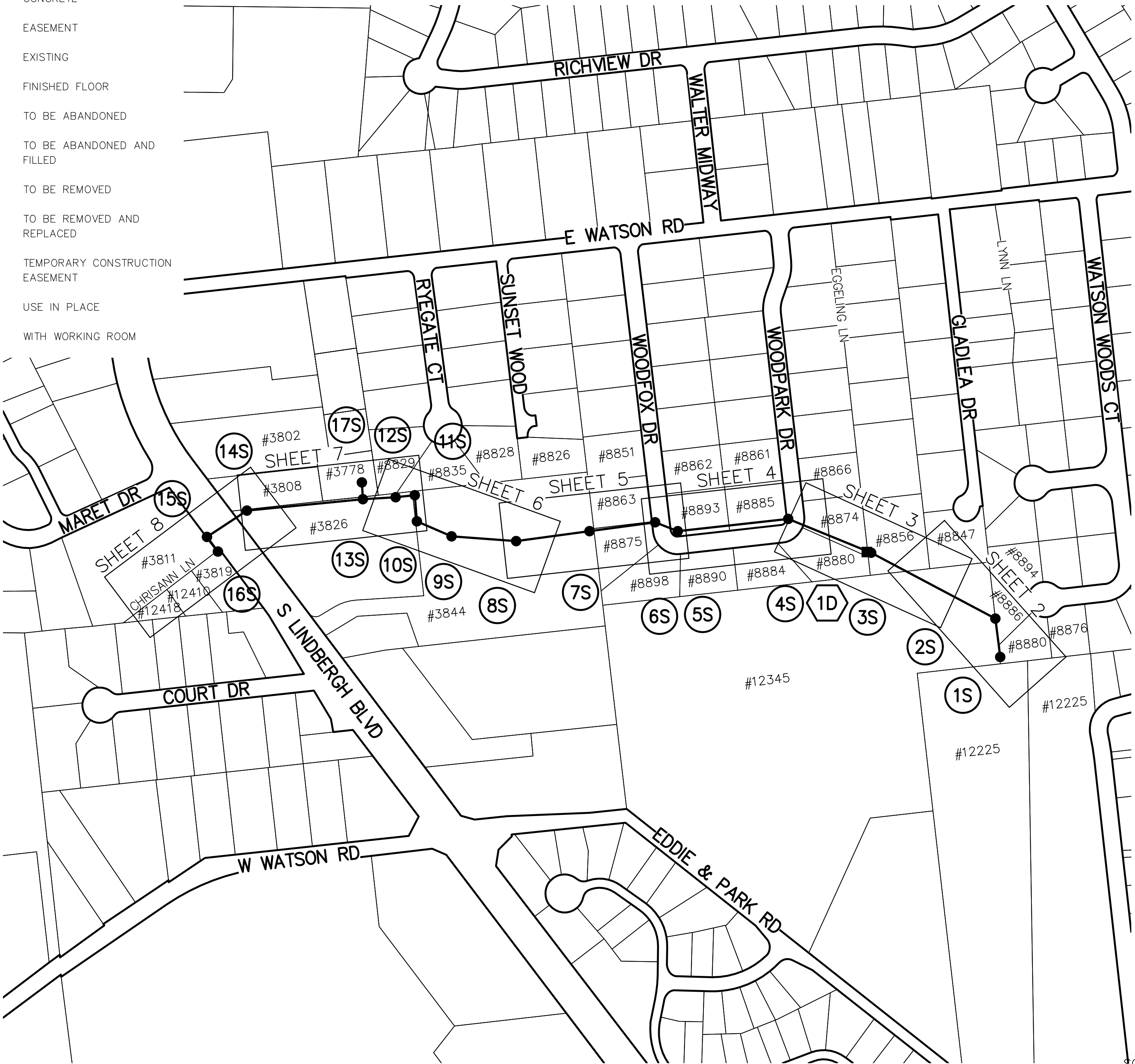
PRELIMINARY

LEGEND

EXISTING	NEW
MANHOLE	
INLET MANHOLE	
INLET	
DOUBLE INLET	
MANHOLE DESIGNATOR	
INLET OR STRUCTURE DESIGNATOR	
OUTLET OR FES DESIGNATOR	
JUNCTION CHAMBER DESIGNATOR	
PIPE 6" THRU 18"	
PIPE 21" THRU 108"	
FENCE	
UNDERGROUND UTILITIES	
FLOWLINE OF CREEK OR DITCH	
GUARD RAIL	
TREE	
BUSH	
HEDGE ROW	
UTILITY METER OR VALVE	
POWER POLE	
POWER POLE & GUY	
STREET SIGN	
FIRE HYDRANT	
LIGHT STANDARD	
MAIL BOX	
HOUSE VENT	
TRAFFIC SIGNAL	
UTILITY BOX	
CONTROL POINT/TRVERSE POINT	
CONTROL POINT DESIGNATOR	
TRAVERSE POINT DESIGNATOR	
TEST HOLE	
CAPPED LATERAL	

ABBREVIATIONS

ASPH	ASPHALT
(C)	CALCULATED
CONC	CONCRETE
ESMT	EASEMENT
EX	EXISTING
FF	FINISHED FLOOR
TBA	TO BE ABANDONED
TBAF	TO BE ABANDONED AND FILLED
TBR	TO BE REMOVED
TBR&R	TO BE REMOVED AND REPLACED
TCE	TEMPORARY CONSTRUCTION EASEMENT
UIP	USE IN PLACE
WWR	WITH WORKING ROOM



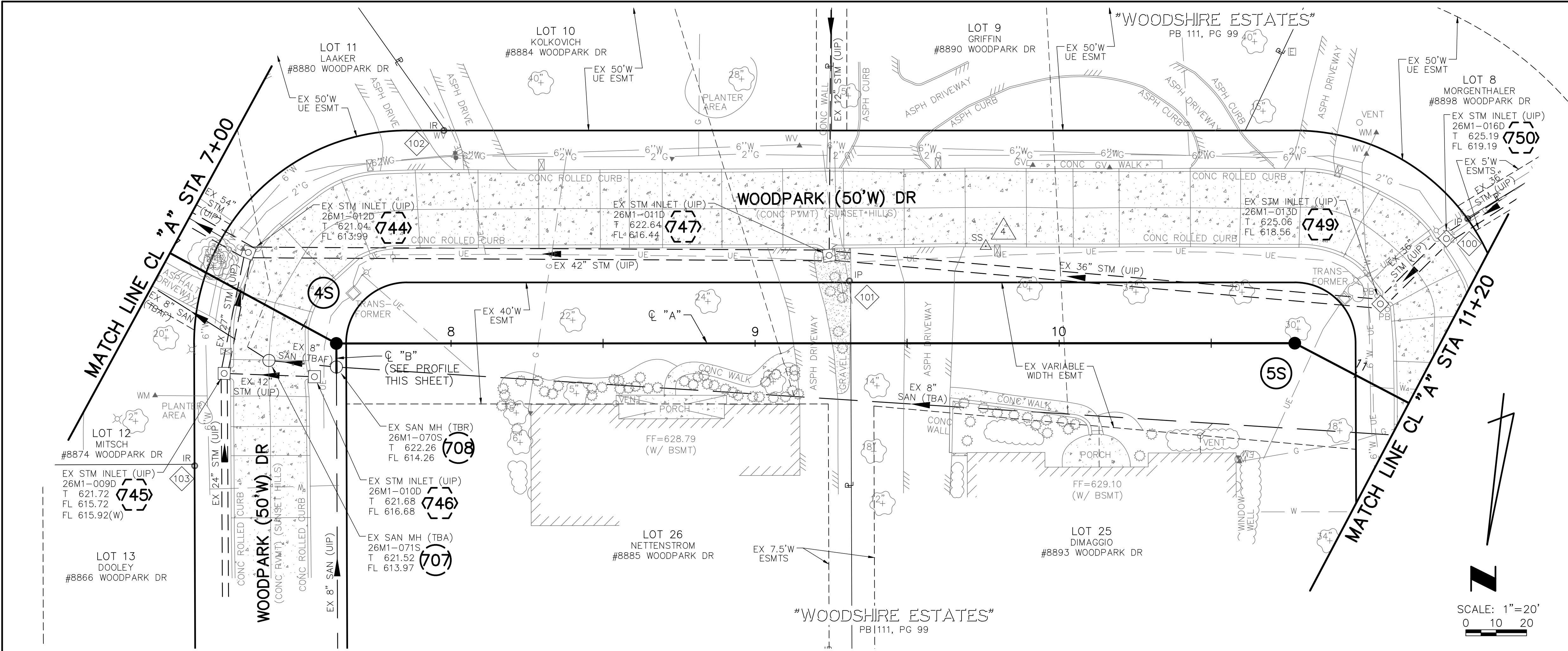
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NOTE:
UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO EXCAVATION OR CONSTRUCTION.

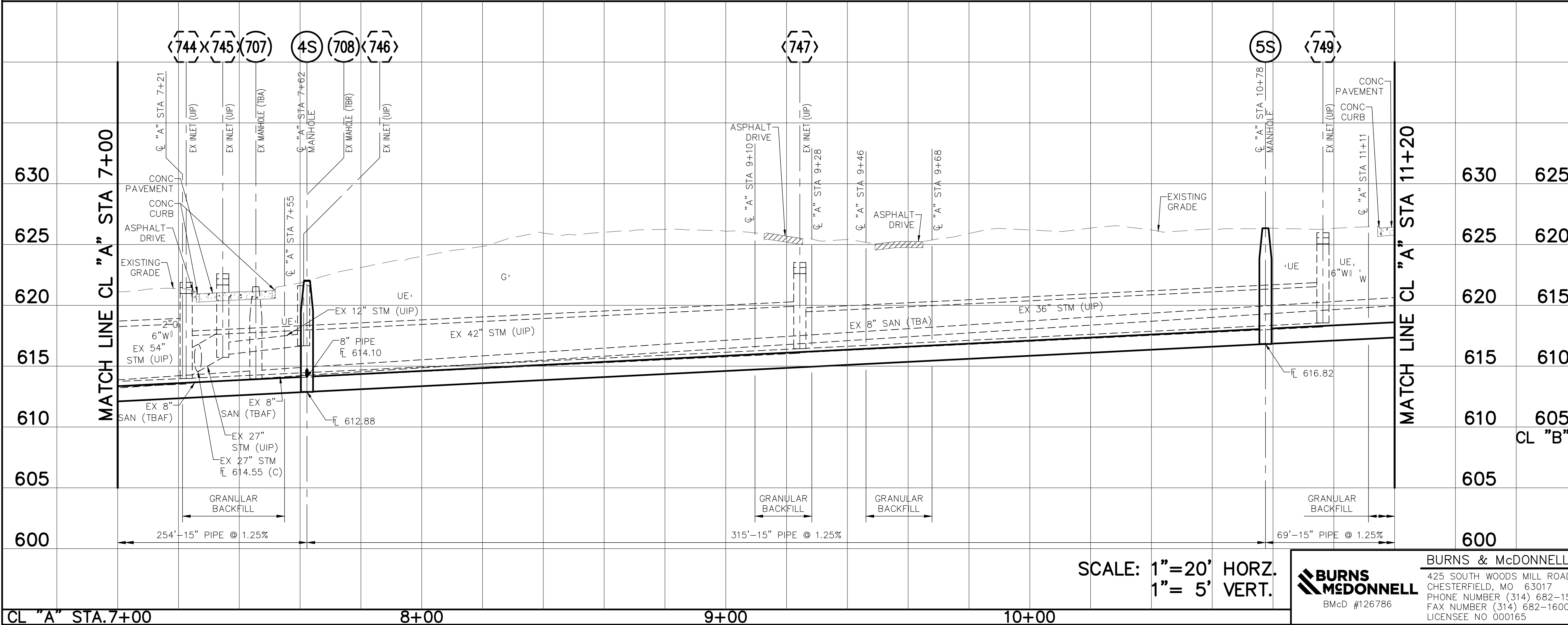
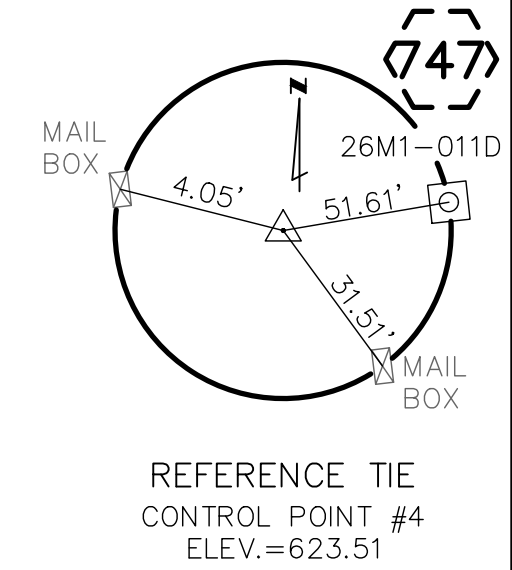
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BMcD #126786

BURNS & McDONNELL
425 SOUTH WOODS MILL ROAD
CHESTERFIELD, MO 63017
PHONE NUMBER (314) 682-1500
FAX NUMBER (314) 682-1600
LICENSEE NO 000165

MICHAEL J. CANULL, P.E.
PROFESSIONAL ENGINEER
P.E. No. 2017027401
Date:



POINT TABLE					
CONTROL POINT #		MSD ID #	NORTHING	EASTING	DESCRIPTION
4			988809.23	848454.43	CUT CROSS
100			988782.81	848297.88	IRON PIPE
101			988825.54	848497.76	IRON PIPE
102			988791.00	848635.78	IRON ROD
103			988909.70	848705.08	IRON ROD
EXISTING STRUCTURE TABLE					
PT. #	I.D.	MSD ID #	NORTHING	EASTING	DESCRIPTION
707	707	26M1-071S	988872.57	848684.64	EX SAN MH
708	708	26M1-070S	988872.26	848662.33	EX SAN MH
744	744	26M1-012D	988837.98	848695.28	EX STM INLET
745	745	26M1-009D	988878.42	848698.79	EX STM INLET
746	746	26M1-010D	988876.24	848669.17	EX STM INLET
747	747	26M1-011D	988817.92	848505.30	EX STM INLET
749	749	26M1-013D	988813.83	848323.34	EX STM INLET
750	750	26M1-016D	988790.07	848304.12	EX STM INLET
NEW STRUCTURE TABLE					
PT. #	I.D.	MSD ID #	NORTHING	EASTING	DESCRIPTION
	4S		988864.56	848663.22	MANHOLE
	5S		988829.78	848349.90	MANHOLE



630

625

620

615

610

605

600

CL "A" STA 7+00

8+00

9+00

10+00

11+20

CL "A" STA 11+20

630

625

620

615

610

605

600

CL "B" STA 0+00

Engineer Seal

SCALE: 1"=20' HORZ.
1"= 5' VERT.

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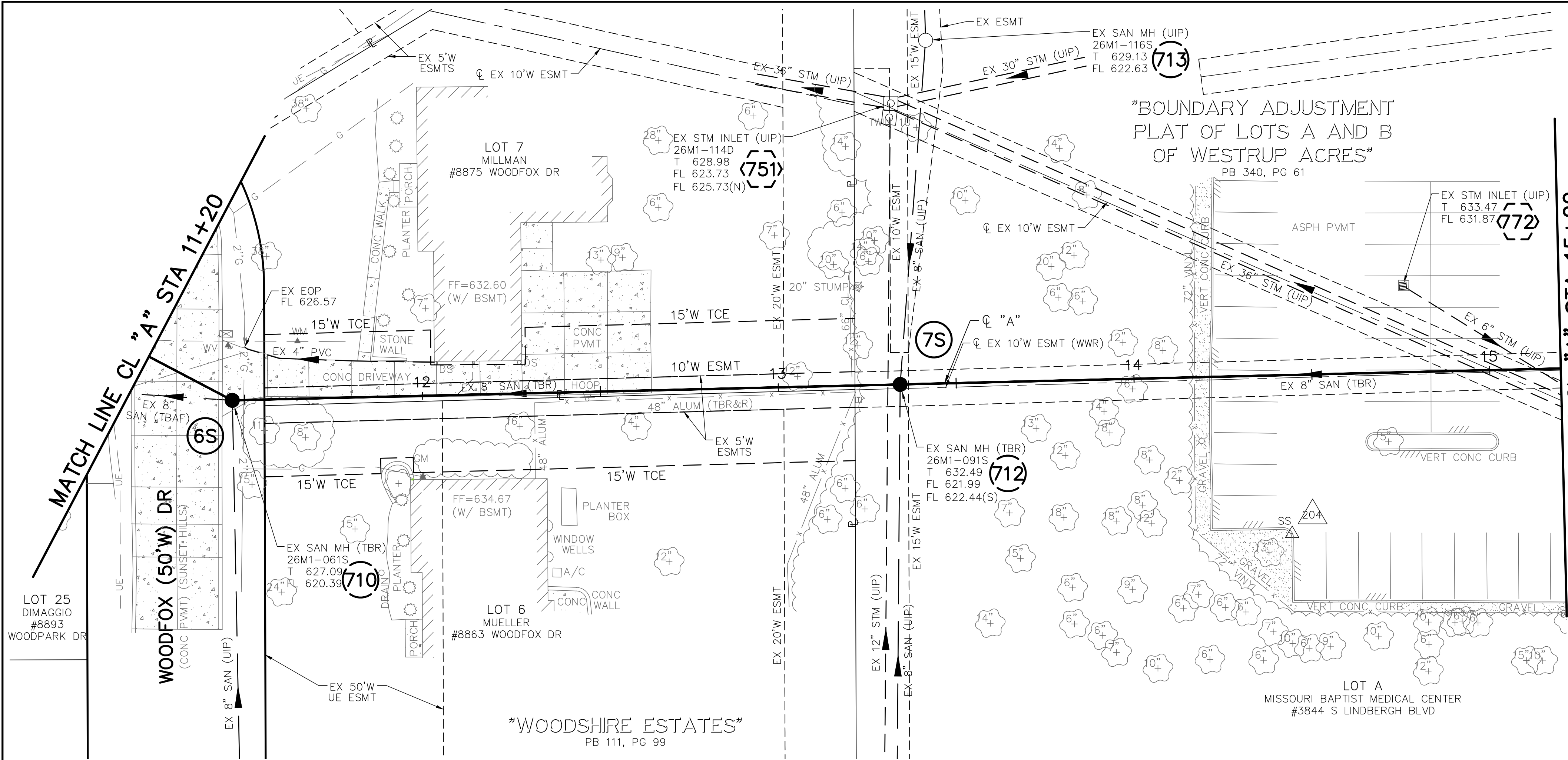
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METROPOLITAN
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(WATSON WOODS CT TO S LINDBERGH BLVD)
12264-015.1
SUNSET HILLS
ST. LOUIS COUNTY, MISSOURI

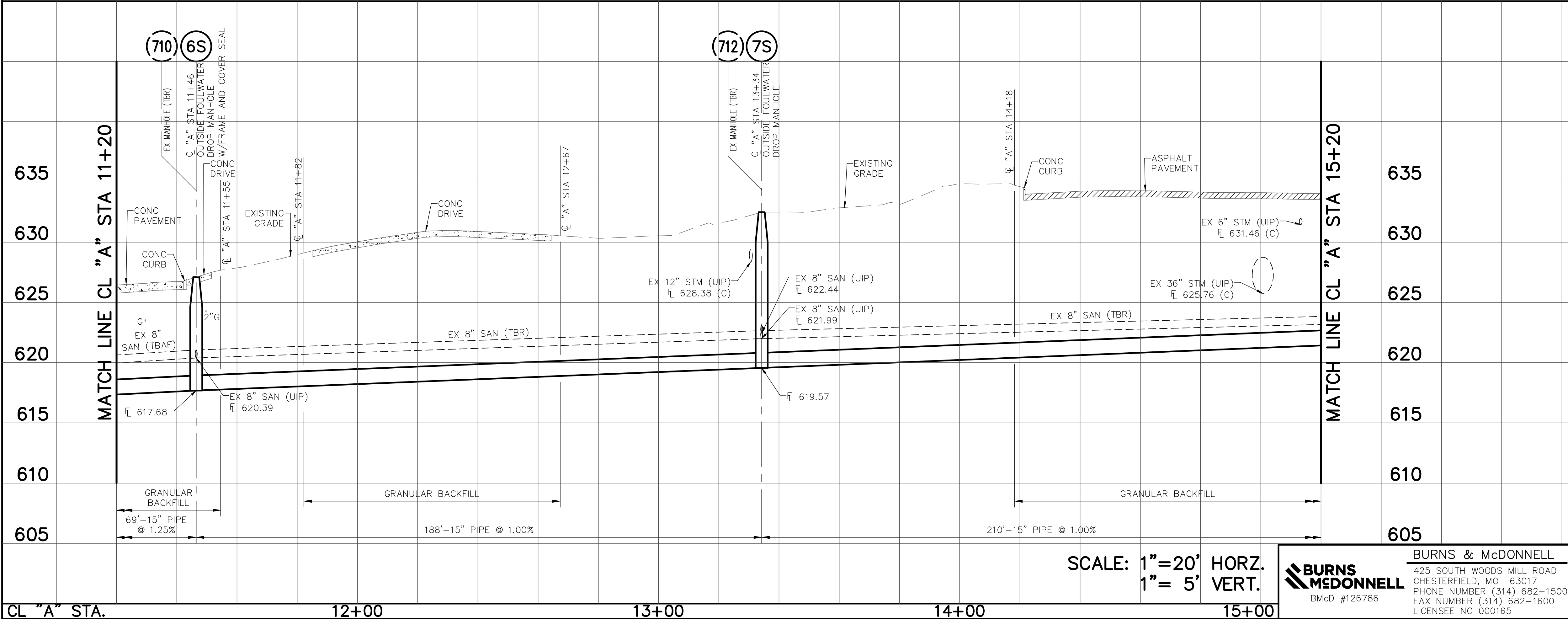
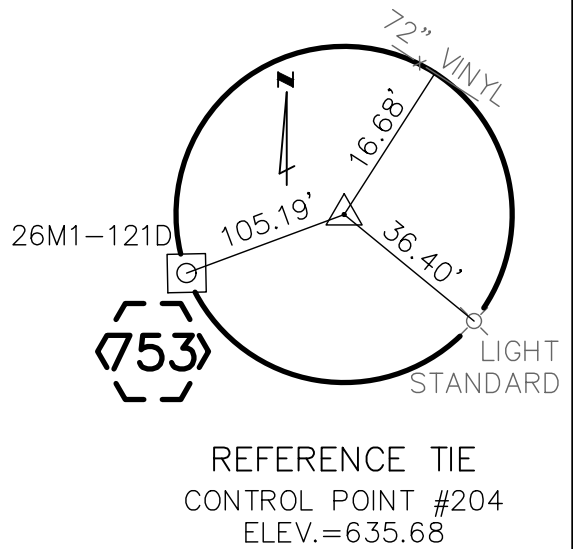
Designed M.J.C.
Date MAY, 2021
Drawn
Checked D.K.G.

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Sheet No. 4 of 8



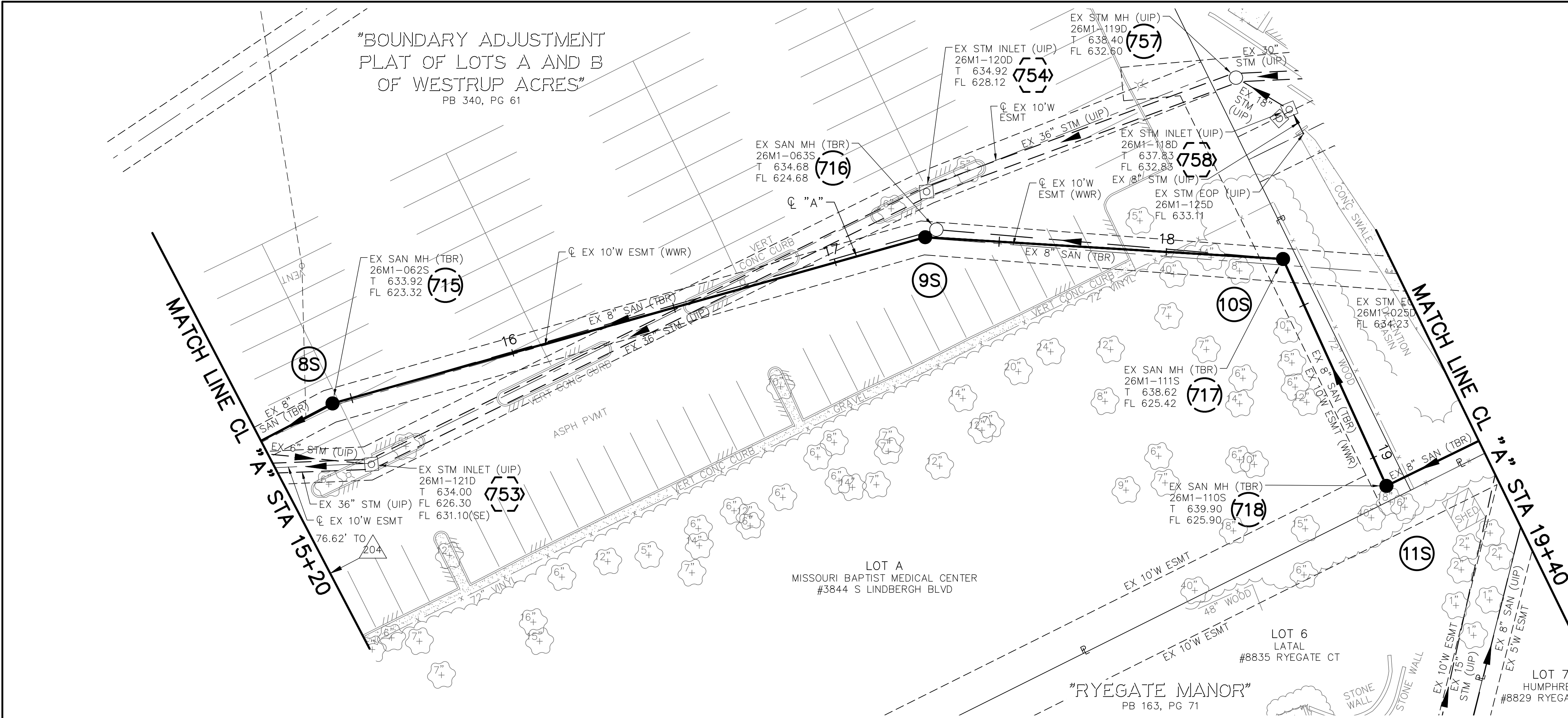
POINT TABLE					
CONTROL POINT #		MSD ID #	NORTHING	EASTING	DESCRIPTION
204			988859.41	847985.47	CUT CROSS
EXISTING STRUCTURE TABLE					
PT. #	I.D.	MSD ID #	NORTHING	EASTING	DESCRIPTION
710	710	26M1-061S	988854.93	848285.65	EX SAN MH
712	712	26M1-091S	988829.83	848099.59	EX SAN MH
713	713	26M1-116S	988732.84	848103.14	EX SAN MH
751	751	26M1-114D	988751.54	848110.90	EX STM INLET
772	772	--	988786.71	847962.21	EX STM INLET
NEW STRUCTURE TABLE					
PT. #	I.D.	MSD ID #	NORTHING	EASTING	DESCRIPTION
710	6S	26M1-061S	988854.93	848285.69	MANHOLE
712	7S	26M1-091S	988829.83	848099.59	MANHOLE



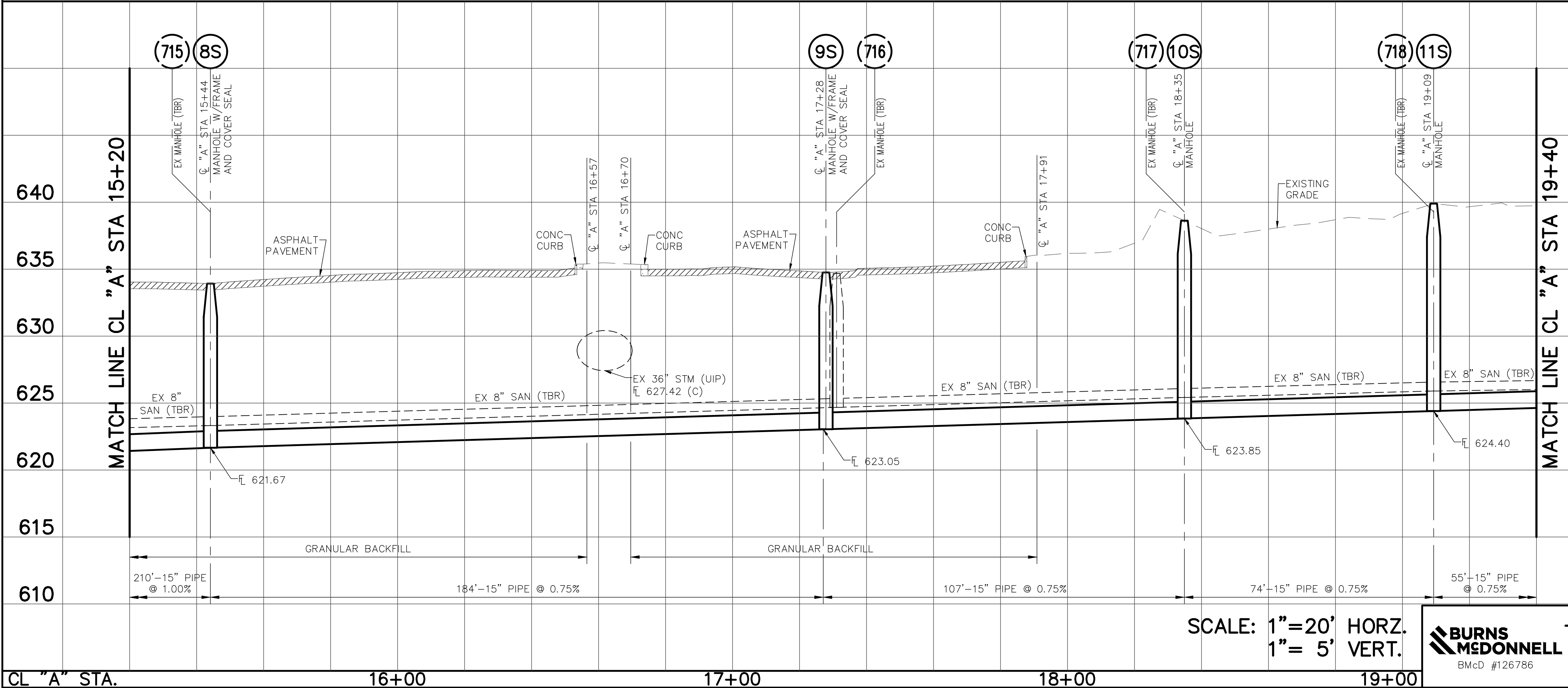
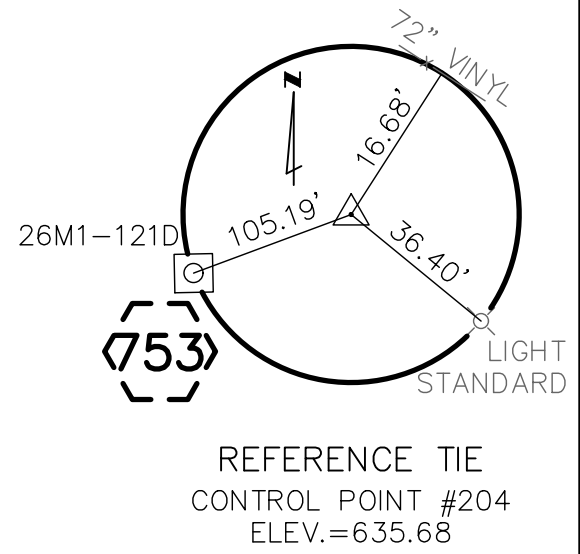
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GLENFIELD SANITARY RELIEF (WATSON WOODS CT TO S LINDBERGH BLVD)			
12264-015.1			
SUNSET HILLS			
ST. LOUIS COUNTY, MISSOURI			
Designed	M.J.C.	Date	MAY, 2021
Drawn		Sheet No	5 of 8
Checked	D.K.G.		

PRELIMINARY



POINT TABLE					
CONTROL POINT #		MSD ID #	NORTHING	EASTING	DESCRIPTION
204			988859.41	847985.47	CUT CROSS
EXISTING STRUCTURE TABLE					
PT. #	I.D.	MSD ID #	NORTHING	EASTING	DESCRIPTION
715	715	26M1-062S	988801.68	847891.62	EX SAN MH
716	716	26M1-063S	988814.23	847704.46	EX SAN MH
717	717	26M1-111S	988857.68	847610.13	EX SAN MH
718	718	26M1-110S	988931.86	847604.14	EX SAN MH
753	753	26M1-121D	988822.70	847886.89	EX STM INLET
754	754	26M1-120D	988802.59	847703.36	EX STM INLET
757	757	26M1-119D	988802.01	847604.93	EX STM MH
758	758	26M1-118D	988816.38	847593.20	EX STM INLET
NEW STRUCTURE TABLE					
PT. #	I.D.	MSD ID #	NORTHING	EASTING	DESCRIPTION
715	8S	26M1-062S	988801.68	847891.62	MANHOLE
716	9S	26M1-063S	988815.23	847708.36	MANHOLE
717	10S	26M1-111S	988857.68	847610.13	MANHOLE
718	11S	26M1-110S	988931.86	847604.14	MANHOLE



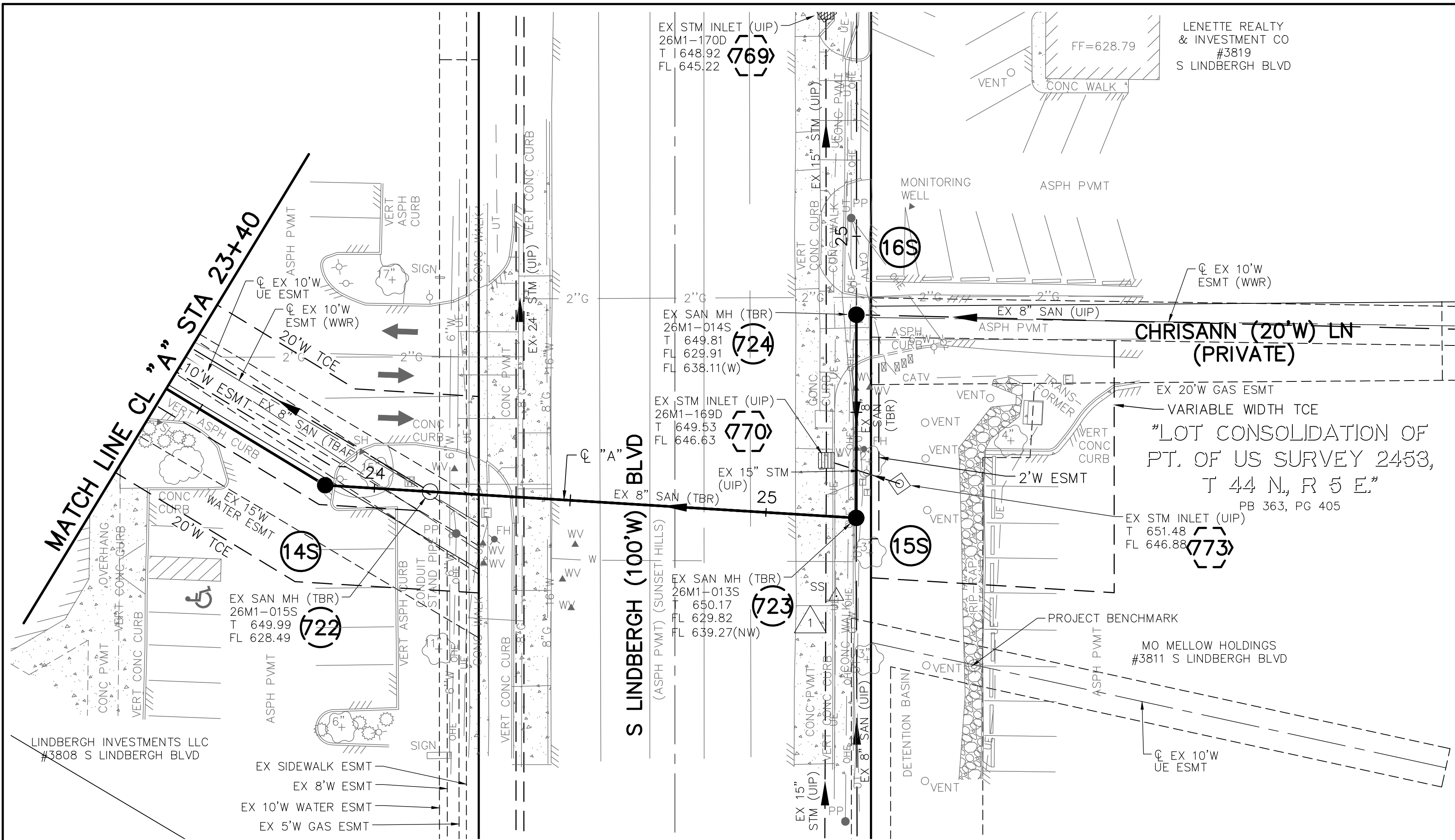
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Designed	M.J.C.	Date	MAY, 2021
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Checked			

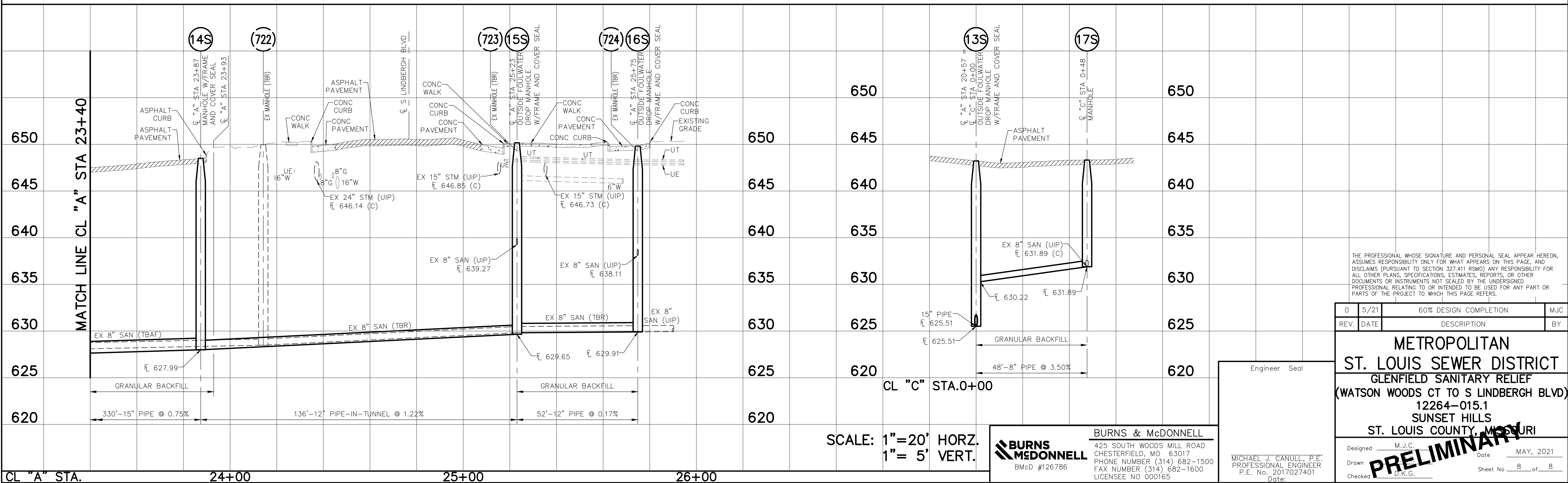
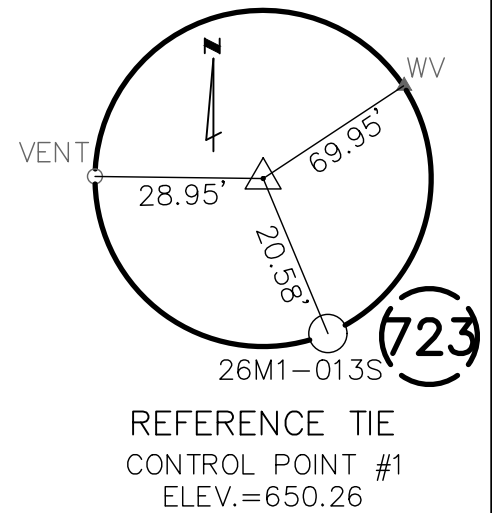
Engineer Seal
MICHAEL J. CANULL, P.E.
PROFESSIONAL ENGINEER
P.E. No. 2017027401
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SCALE: 1"=20' HORZ.
1"= 5' VERT.



POINT TABLE					
CONTROL POINT #		MSD ID #	NORTHING	EASTING	DESCRIPTION
1			988832.42	847006.93	CUT CROSS
EXISTING STRUCTURE TABLE					
PT. #	I.D.	MSD ID #	NORTHING	EASTING	DESCRIPTION
722	722	26M1-015S	988873.33	847105.71	EX SAN MH
723	723	26M1-013S	988813.43	847014.86	EX SAN MH
724	724	26M1-014S	988771.97	847045.96	EX SAN MH
769	769	26M1-170D	988714.76	847098.69	EX STM INLET
770	770	26M1-169D	988806.28	847029.77	EX STM INLET
773	773	XXXX-XXXX	988799.82	847011.28	EX STM INLET
NEW STRUCTURE TABLE					
PT. #	I.D.	MSD ID #	NORTHING	EASTING	DESCRIPTION
	14S		988888.10	847128.11	MANHOLE
	15S		988813.43	847014.86	MANHOLE
724	16S	26M1-014S	988771.97	847045.96	MANHOLE



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BMcD #126786

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