

2018 WATER SYSTEM IMPROVEMENTS METER REPLACEMENT

FOR
ROWAN WATER, INC.

BOARD MEMBERS

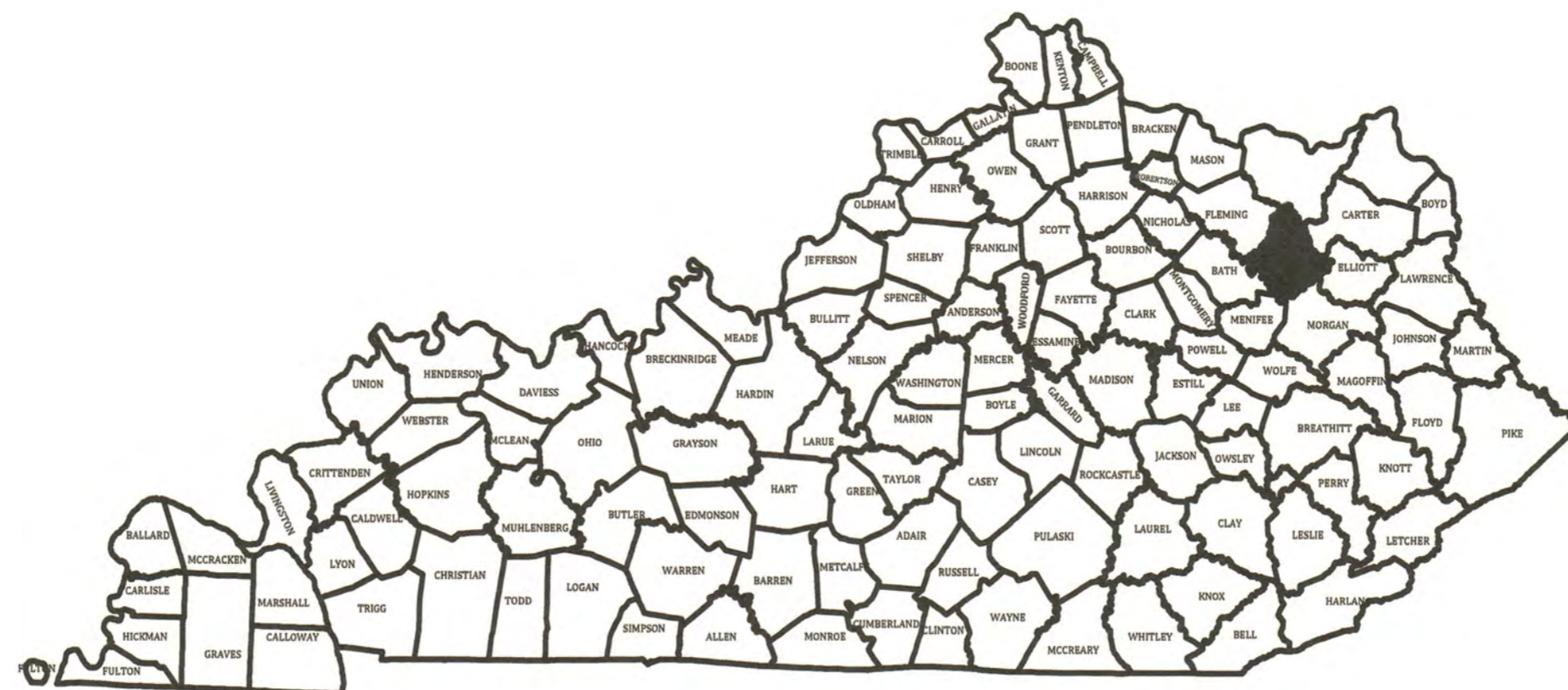
LARRY JOHNSON - CHAIRMAN
ENOCH BLAIR - DANNY STEVENS
MIKE COLLINS - RANDY COX
JERRY PATRICK - MANAGER

DECEMBER 2018

PREPARED BY:



222 East Main Street, Ste. 1 • Georgetown, KY 40324

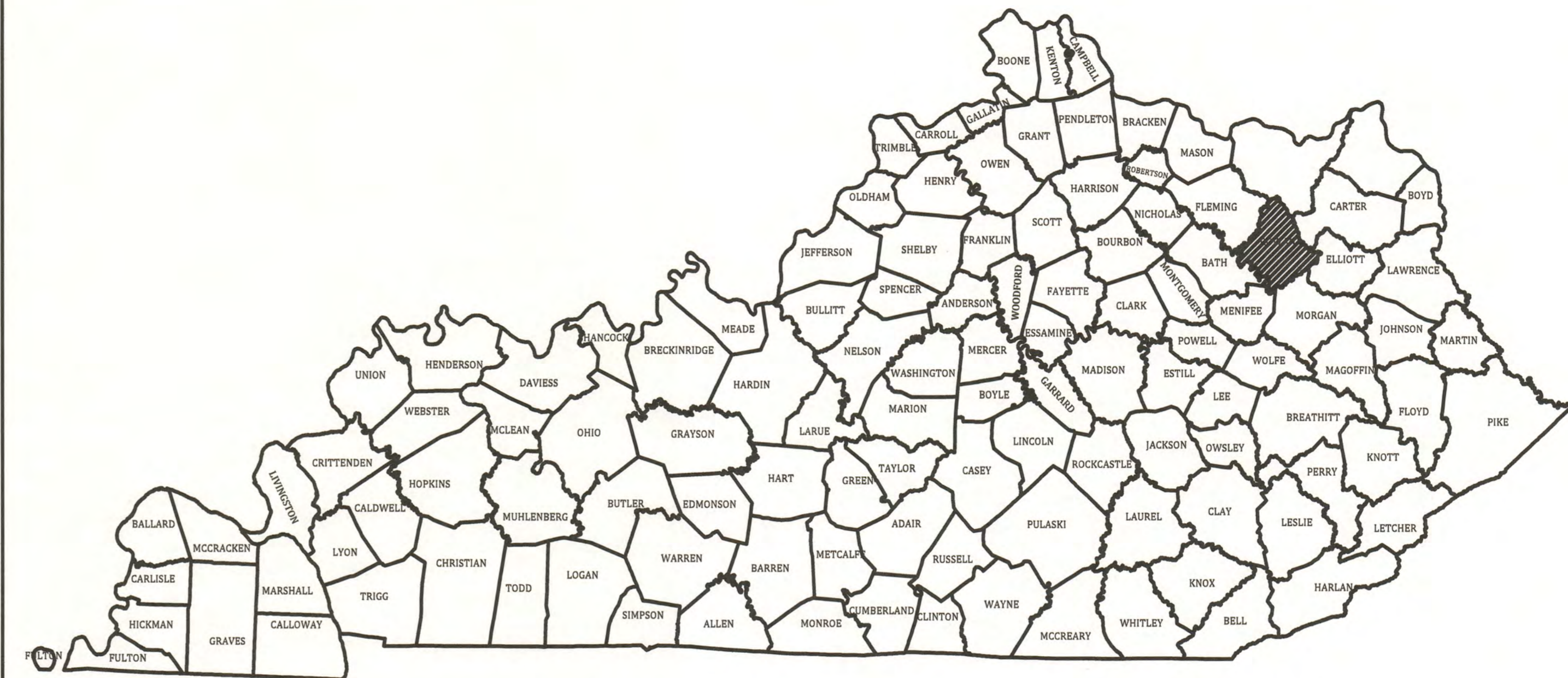


PROJECT NO. 18023

NOTES

1. CONTRACTOR SHALL REPLACE EACH EXISTING METER WITH A NEW BADGER RADIO READ METER.
2. ROWAN WATER AND/OR ENGINEER SHALL APPROVE ANY ADDITIONAL WORK TO METER BOX, ETC PRIOR TO STARTING CHANGES.
3. ROWAN WATER, INC. WILL USE LIGHT GREEN WIRE FLAGS THAT CORRESPONDS TO EACH METER LOCATION.
4. CONTRACTOR SHALL CUT HOLE IN EACH EXISTING METER LID TO INSTALL THE RADIO TRANSCEIVER.
5. ROWAN WATER, INC. WILL PERFORM ALL PAPER WORK SUCH AS OBTAINING ALL NEW SERIAL NUMBERS. CONTRACTOR WILL NOT BE RESPONSIBLE FOR OLD OR NEW SERIAL NUMBERS, OR READINGS.
6. CONTRACT TIME IS 180 DAYS. CONTRACTOR SHALL COMPLETE PROJECT BETWEEN THE 150TH DAY AND THE 180TH DAY. CONTRACTOR IS TO SPREAD OUT INSTALLATIONS TO AVG. APPROX. 54 METER INSTALLATIONS PER DAY. ROWAN WATER RESERVES THE RIGHT TO DELAY THE METER INSTALLATIONS OR REDUCE THE NUMBER OF INSTALLATIONS IN ORDER FOR INTERNAL STAFF TO PROCESS.
7. CONTRACTOR SHALL WORK MONDAY THROUGH FRIDAY 8:30AM - 4:30PM.
8. MAXIMUM NO. OF CREWS CHANGING OUT METERS IS THREE (3).
9. CONTRACTOR SHALL INSTALL METERS AS DESIGNATED IN THE NINE (9) ZONES MARKED ON THE SYSTEM MAP IN THE FOLLOWING ORDER: 1, 2, 3, 6, 9, 4, 5, 7, & 8.
10. EACH ZONE HAS TO BE COMPLETED 100 PERCENT BEFORE MOVING TO THE NEXT ZONE.
11. ROWAN WATER, INC. WILL HAVE A COMPANY REPRESENTATIVE AVAILABLE WHILE WORKING IN EACH ZONE.
12. ATTENDANCE AT THE PRE-CONSTRUCTION CONFERENCE IS MANDATORY.
13. THE CONTRACTOR SHALL SUSPEND ALL OPERATIONS BETWEEN DECEMBER 1ST AND MARCH 1ST.
14. ROWAN WATER, INC. WILL PURCHASE AND STORE THE NEW METERS AT THEIR OFFICE, AT 1765 CHRISTY CREEK. THE CONTRACTOR IS ONLY RESPONSIBLE FOR THE INSTALLATION.

PROJECT MAP - NOT TO SCALE



INDEX OF DRAWINGS

--	COVER SHEET
1	GENERAL NOTES, UTILITIES, LEGEND, INDEX OF DRAWINGS, PROJECT MAP, AND NOTES
2	MAP ZONES
3-4	ROAD NAMES / NUMBER OF CUSTOMERS
SD 1	STANDARD DETAILS

UTILITY OWNERS

TELEPHONE:
WINDSTREAM:
 1-800-752-6007

GAS:
MOREHEAD UTILITY PLANT BOARD:
 606-784-4305 or 606-784-3427

COLUMBIA GULF TRANSMISSION:
 606-663-4401 or 1-800-231-2800

TENNESSEE GAS PIPELINE:
 859-842-3231 or 1-800-231-2800

DELTA GAS:
 1-800-251-8471 or 1-800-262-2012

WATER
ROWAN WATER, INC.
 606-784-9818

BUD - BEFORE YOU DIG
 1-800-752-6007

NO.	DATE	BY

2018 WATER SYSTEM IMPROVEMENTS
 METER REPLACEMENT

GENERAL NOTES, UTILITIES, & INDEX



PROJECT #:	18023
DATE:	DECEMBER 2018
PROJECT MGR:	LRS
DRAWN BY:	WCM
CHECKED BY:	PBR

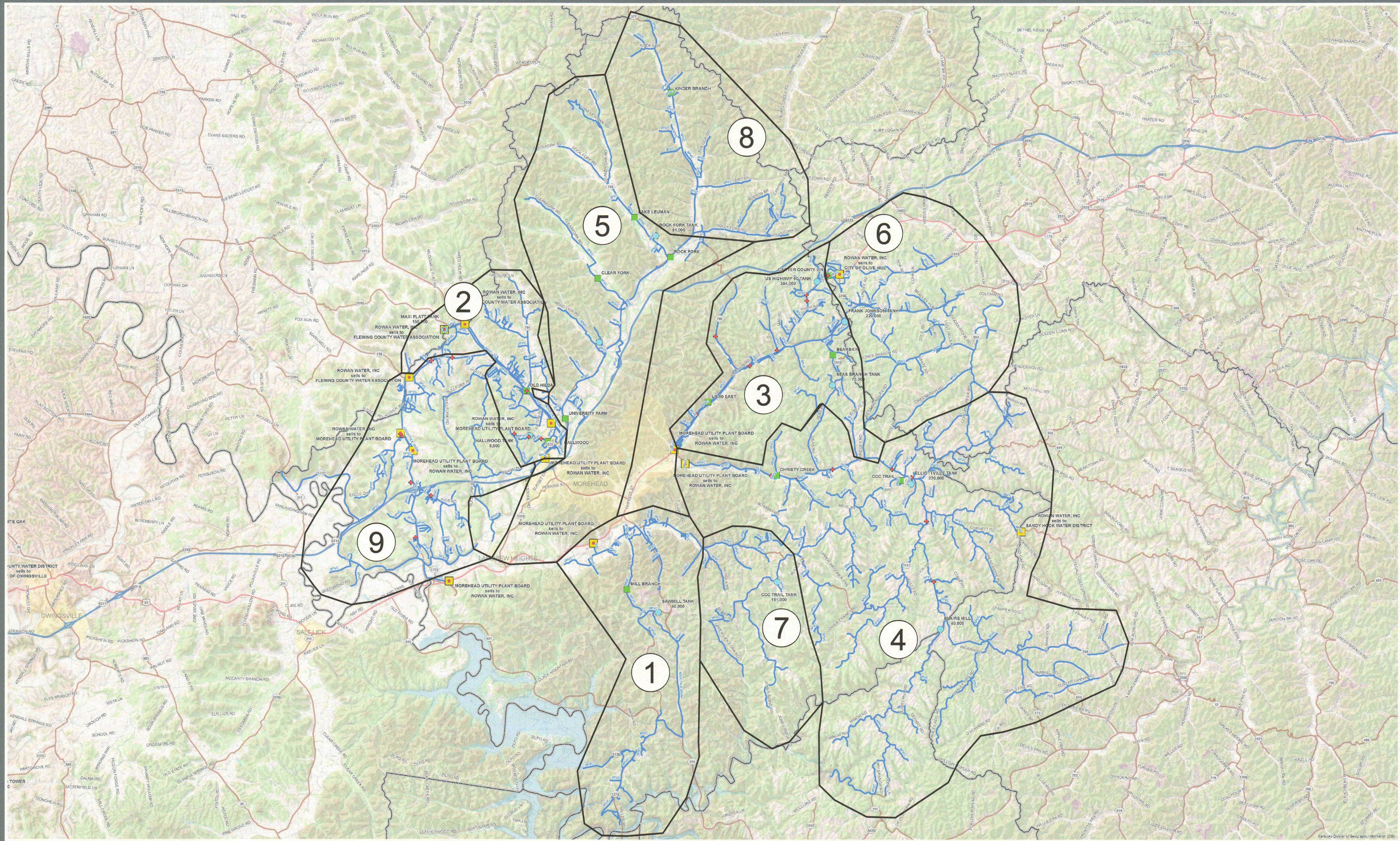


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DOW REVIEW SET

ROWAN WATER, INC.

WATER DISTRIBUTION SYSTEM



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NO.	DATE	REVISIONS	BY

2018 WATER SYSTEM IMPROVEMENTS
METER REPLACEMENT

GENERAL NOTES, UTILITIES, & INDEX

BLUEGRASS
ENGINEERING
PLLC

222 East Main Street, Ste. 1 • Georgetown, KY 40324

PROJECT #: 18023
DATE: DECEMBER 2018
PROJECT MGR: LRS
DRAWN BY: WCM
CHECKED BY: PBR



DOW REVIEW SET

BOOK 1			BOOK 2			BOOK 3			BOOK 4		
Street Name	# of Meters		Street Name	# of Meters		Street Name	# of Meters		Street Name	# of Meters	
Mcbrauer Rd.	64		BLUESTONE BRATT	6		Dillion Dr	7		Christy Creek	91	
Scott CT W	1		FLEMINGSBURG RD	41		Hartz mt dr	1		Rocky Valley	4	
Bronson Forest Rd.	5		J BLACK LN	2		MAHER ST	31		Tackett Br	6	
Baldridge Rd.	1		OLD CRANSTON	4		MAHER DR	1		Apple Grove LN	1	
Mynhier Rd.	14		CZ LANE	1		Bld 125 & 130	1		Messer RD	1	
Streamview Rd.	5		WHITE OAK LN	1		HILLTOP DR	82		Messer BR	2	
Cady Dr.	2		VO TECH 2" METER	2		BARKLEY DR	11		Butt Cemetery RD	2	
Streamview Ln.	1		HIGH SCHOOL SOCCER F	1		us 60	109		Lee Branch	6	
Deharts	30		VIKING DR	3		VALLEY RD	10		Patties Lick RD	27	
Oakdale	7		FOOTBALL FIELD	1		VALLEY VIEW RD	10		Pebble Creek	3	
Oakdale Dr.	13		VIKING	1		OVERLOOK DR	3		Old House Creek	11	
Oakdale Ct.	3		HIGH SCHOOL 2" METER	2		MAPLE LN	24		Bramblewood ln	15	
Hollywood Rd.	1		FAIRVIEW LN	1		CEDAR LN	4		Penny ln	1	
Gilliam St.	3		LITTON RD	20		CEDAR DR	4		Gene white ln	4	
Terrapin Br.	2		LIMESTONE RD	5		POPLAR LN	23		Sycamore ct	1	
Venice Dr.	7		OLD HILDA RD	16		CONYERS WAY	9		Sycamore ln	1	
Wildwood	43		GOLDENROD DR	1		POPLAR RD	1		Big perry rd	31	
Clearfield Hill	21		DAISY DR	1		POPLAR	4		Forestry ridge rd	1	
Collins Ln.	5		PENNINGTON FLAT	29		MANTOOTH WAY	6		Baldwin dr	8	
Fall Ln.	11		CEDARBROOK WAY	7		SUGAR LOAF MT	8		Hamilton hollow	1	
Early Ln	4		BIG ELM	14		CHESTNUT LN	11		Hamilton rd	1	
High St.	4		EGAN LN	5		BANKS LN	1		Station br	1	
Partin St	2		CHRISTINE RD	1		NEWCASTLE LN	7		Lafayette dr	8	
Fairfax Dr.	2		BIG ELM RIDGE	4		BROCKMAN LN	3		School house br	4	
Mill Br.	17		BIG BRUSHY RD	39		KEEYS LN	2		Little perry rd	46	
Hogge St.	3		SOUTH LN	6		REDWOOD LN	11		Triple l rd	2	
Clearfield School	1		HUMMINGBIRD WAY	9		ARNOLD LN	1		Castle dr	10	
Dry Creek Est	16		HUMMINGBIRD LN	1		FLEETWOOD LN	5		Homeplace way	3	
Dry Creek Rd	67		LEDGEBROOK DR	4		ROSENBURG DR	3		Gravel rd	3	
Ravenswood Rd	5		DEER LICK RD	4		DUSTY RD	9		may rd	4	
Swim Dr	8		HANEY BR RD	2		SMOKEY MTN LN	1		Knipp rd	6	
Ravenswood	4		BLUEGRASS LN	2		INDIAN DR	4		Mabry cem rd	1	
Thomas LN	14		SHILO DR	3		INDIAN HILLS	1		Casern rd	5	
Dry Creek	10		MCGUIRE LN	1		SEMINOLE TRL	3		Campground	1	
Nesbitt Rd	3		HANEY BR RD	3		J DEHART RD	1		Glenwood fork	2	
Triangle Tower Rd	8		BIG WOODS RD	31		J DEHART DR	1		Glenwood hollow	4	
Tower Rd	2		PLEASURE LN	8		HIDDEN FOREST DR	1		Eden hollow	5	
H Hall Rd	4		DAWN DR	8		COPPERAS HOLLOW	26		Eden rd	9	
Barber Rd	17		KODIAK RD	7		LOGAN HOLLOW	4		Cromer rd	1	
Brothers Way	18		KODIAK LN	1		WHIPPOORWILL VLY	3		Haldeman rd	28	
Money Ln	2		KODIAK DR	1		VALLEY VIEW RD	10		Haldeman ln	1	
Dark Hollow	16		SEQUOIA DR	4		WHIPPOORWILL VLY	2		Haldeman hghts	7	
Lambert Ln	4		SEQUOIA PL	3		LOGAN HOLLOW	4		Haldeman circle	2	
Dawson Way	11		HAZELTREE LN	13		RED OAKS	7		Buffalo br	39	
Sharon Dr	21		TUMBLING HILLS RD	1		BRAGG LN	2		Doodle ln	4	
Cardinal Ln	7		TUMBLINGHILLS RD	2		WINDING WAY	3		Click cem rd	2	
Fawnwood Ct	3		COTTONWOOD LN	3					Leadbetter hill	4	
Ballard Dr	2		SUNNVIEW WAY	5					Gardner rd	1	
Rose Rd	38		SUNNVIEW DR	2					Brickyard rd	3	
Sunnyside Dr	3		PARIS LN	13					Withrow rd	3	
HWY 519	77		WILDERNESS LN	2					Vista view	1	
Morgan Fork	27		JIM JACKSON LN	1					Tunnel Cut Loop	13	
Law's	3		HONEY SUCKLE RD	1					Dean rd	4	
Locust St.	4		HONEY SUCKLE LN	1					Open Fork RD	63	
Armstrong Ln	2		SUGAR CAMP LN	1					Henderson RD	1	
Sancam	1		SUGARCAMP RD	1					Conley RD	2	
Whispering Pines	6		MAXEY FLAT RD	16					Bearskin Holw	5	
Shrine Club Dr	3		WATER TANK RD	2					Bearskin RD	9	
Leisure Ln	2		WATER TOWER RD	1					Bearskin Spur	2	
Buckner Hollow Rd	5		JACKSON CEM RD	15					Bristol RD	1	
Zion Rd	2		ALDERMAN LN	6					Evergreen RD	3	
Owens Rd	21		KY 32 NORTH	1					Evergreen LN	1	
Jenny Way	5		FOX RUN	6					Seas Branch	33	
Turkey Trot	4		WEST LANE	3					Hideaway Ridge	5	
Pretty Ridge	28		BULLFORK RD	23					Richards RD	4	
Morris Rd	7		TREEBROOK LN	5							
McKinney	4		HYATT LN	17							
Edgewater	1		VILLAGE DR	18							
Rifle Range Rd	10		GARDEN CREEK HOMES	1							
East Clack Mt	1		DEJA CIRCLE	2							
Judy Ln	4		BRADFORD DR	4							
Liddle Way	2		LINWOOD DR	1							
KY 801	1		KINDER DR	4							
Mountainside Dr	7		BILL STEWART CT	4							
HWY 1274	3		NOLIN CT	6							
Peyton Rd	2		NOLEN COURT	1							
Whitt Rd	2		LAKE POINT DR	4							
Hardin Rd	3		GREENBO CT	2							
Woodlawn Trl	1		LAKE POINTE DR	2							
Tackett Cem Rd	1		BUCKHORN DR	7							
Clay Lick	6		DEWEY DR	4							
801	1		GRAYSON DR	3							

NO.	
DATE	
REVISIONS	
BY	

2018 WATER SYSTEM IMPROVEMENTS
 METER REPLACEMENT
 GENERAL NOTES, UTILITIES, & INDEX



PROJECT #:	18023
DATE:	DECEMBER 2018
PROJECT MGR:	LRS
DRAWN BY:	WCM
CHECKED BY:	PBR



Book 5		Book 6		Book 7		Book 8		Book 9	
Street Name	# of Meters	Street Name	# of Meters	Street Name	# of Meters	Street Name	# of Meters	Street Name	# of Meters
TROOPER LN	4	CO. LN	1	DOVE LN	1	CLACK MTN E	26	CRANSTON RD	100
BULL FORK RD	34	US 60 EAST	9	LEATHERWOOD	6	DONAHUE DR	1	PARKER LANE	2
LYTLE RD	2	STATE HIGHWAY 1	6	BOGGS CEM	1	HIGHLAND RD	1	WHISPERING OAKS	22
BRATTON	32	HWY 174	51	HANSHAW LN	1	TRIPLETT EAST	1	SYLVAN CHASE	7
LOGAN HOLLOW	7	BRUCE RD	3	GREENBRIAR RD	12	W BLACK RD	42	DOE RUN RD	5
LOGAN BR	1	MANNING CEM	2	MANNING CEM	2	HOLLY FORK RD	8	WHITE MT	54
GRAPEVINE DR	3	RIDDLE FORK	14	MAGGARD LN	2	PINE GROVE RD	6	RIDGEVIEW WAY	1
BEAR PATH	2	JONES RIDGE	33	GREENBRIER RD	4	BLIND BRANCH RD	1	RIDGEVIEW RD	3
HALLWOOD DR	3	LOST HILLS RD	7	EPPERHART CEM	1	BURTON BRANCH RD	10	GRANDKIDS WAY	1
DAKOTA LN	4	BERRY RD	4	REYNOLDS CEM	1	BLOOSOM LN	1	COOK BRANCH	10
PELFREY RD	2	UPPER LICK FORK	6	PROCTOR BR	6	CAMPBELL BR	13	WILLOWBROOK RD	1
SUGAR LOAF MTN	34	WALLACE TERRELL	1	EARN PURNELL CEM	3	WILD TURKEY RD	1	WILLOWBROOK DR	1
LITTLE LANE	7	SLAB CAMP RD	1			ESTEPP RD	2	CAUDILL CEM RD	25
LITTLE RD	5	PERKINS RIDGE	1			BUTTERNUT RD	2	LOOKOUT LN	7
STELLAR NIGHT	6	PERKINS RD	1			DRY BRANCH	18	RODEO DR	2
BLACK CEM RD	1	CATRON RD	1			ELK LICK RD	10	BEECHMONT RD	8
CRANSTON RD	6	DRY CREEK RD	25			PLANK CHAPEL RD	3	CEMETARY RD	1
HWY 377	1	LAMBERT HOLLOW	23			GILKISON RD	2	ELDRIDGE LN	12
MSU FARM	9	ABERDEEN LN	4			BROOKSIDE DR	9	OLD BAPTIST RD	7
GREEN HOUSE	2	LAMBERT RD	4			BROOKWOOD LN	3	ELDRIDGE RD	1
EQUINE HOSPITAL	1	ROBS MT RD	3			POPLAR HOLLOW RD	15	A JOHNSON RD	4
ARENA	2	IVAN RD	4			ZENITH DR	3	ELLINGTON LOOP	27
SHEEP BARN	1	WORKMAN RD	1			HELTERBRAND RD	2	SUNDOWN DR	1
CRANSTON RD	5	CRAWFORD RD	4			BUCKNER BR	7	COLT DR	1
GRASSY LICK	18	CRAWFORD HOLLOW	1			W PLANK 35	1	MARKWELL RD	2
POND LICK RD	25	CHURCH OF GOD	1			PLANK LN	4	MITCHELL LN	20
WILD RIDGE	10	NICHOLS BR	25			POOL HOUSE	1	LIMOUSINE LN	16
CLEARFORK RD	29	AMANDA LN	2			PLANK RD	2	JERSEY WAY	6
MULLINS BANK RD	2	SUGAR BR	23			TATER LICK RD	2	HWY 158	1
TILDON HOGGE SCHOOL	1	FALLIN TIMBER	6			BARN BR	6	SKAGGS LN	2
ROCK FORK RD	123					KINDER BR	7	SKAGGS RD	2
COUNTRY LN	3					STACY RD	9	JOHNSON FLAT RD	17
PARADISE LN	1					KY 158 METER	1	CANNAN HIGHTS	1
PEACEFUL FORK	6					FLEMINGSBURG RD HWY	1	JOHNSON RD	3
ZORNES RD	2					MAXIE FLAT METER	1	JOHNSON APT	4
BABER WAGES	6							BOARDWALK	20
HIDDEN OAK	1							ATLANTIC AVE	3
HAWK HAVEN DR	6							VENTOR AVE	2
STONEKIRK WAY	6							ORIENTAL AVE	3
BLUEFIELD LN	3							PUMPSTATION	1
ISLAND FORK RD	31							BALTIC AVE	5
LAKE LEUMAN	35							NORTH CAROLINA AVE	5
								STATES AVE	8
								PACIFIC AVE	5
								BASELINE DR	17
								W KINGSOLVER CT	3
								CROWN COURT	1
								COBBLESTONE RD	1
								MAGNOLIA DR	2
								KOLB DR	6
								HENNIE CT	4
								CUMBERLAND CT	2
								CUMBERLAND DR	20
								DOGWOOD ST	1
								SAYRE DR	17
								SAYRE CT	2
								SHELDON DR	1
								SHELTON DR	2
								HWY 801	5
								BLUEBANK	44
								CHARMARK CT	8
								CHARMARK LN	1
								BLUE BANK RD	8
								CHERRY BLOSSOM	3
								IRIS ST	1
								TULIP DR	1
								WINDSTAR LN	2
								WINDSTAR RD	1
								RAMEY RIDGE	20
								EAGLE DR	80
								EAGLE TRACE	4
								DOUBLE EAGLE WAY	3
								DOUBLE EAGLE CT	3
								DOUBLE EAGLE DR	1
								HARRIER EAGLE WAY	1
								HARRIER EAGLE CT	3
								SUN EAGLE DR	2
								BEN LOWE RD	1
								HOOD LN	1
								MONTICELLO DR	4
								KY 801	29
								DAVIS RD	4
								OLD PHELPS RD	4
								ROLLING ACRES	14
								HUNTER	19

NO.	
DATE	
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BY	

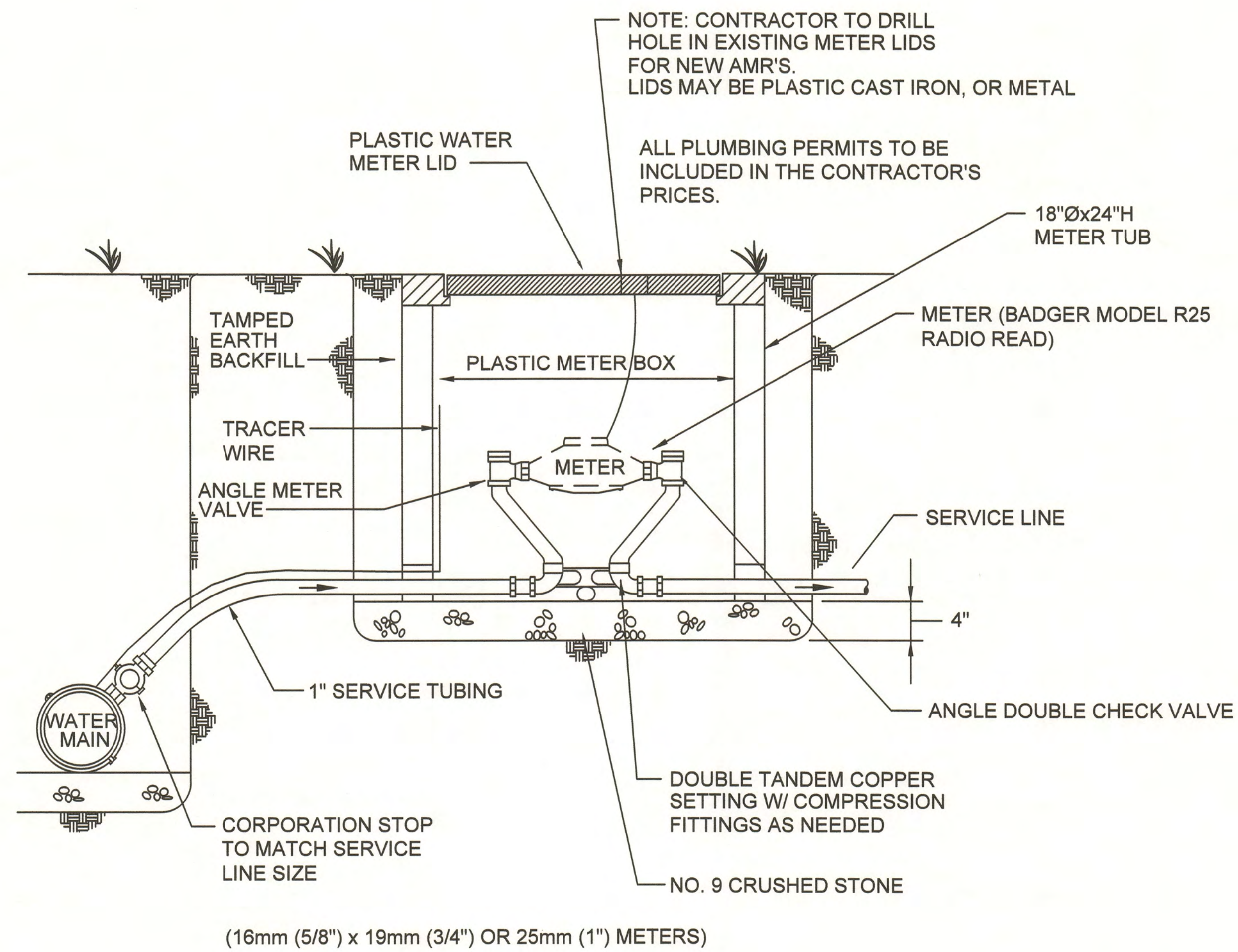
2018 WATER SYSTEM IMPROVEMENTS
METER REPLACEMENT

CUSTOMER LIST



PROJECT #: 18023
DATE: OCTOBER 2019
PROJECT MGR: LRS
DRAWN BY: WCM
CHECKED BY: PBR





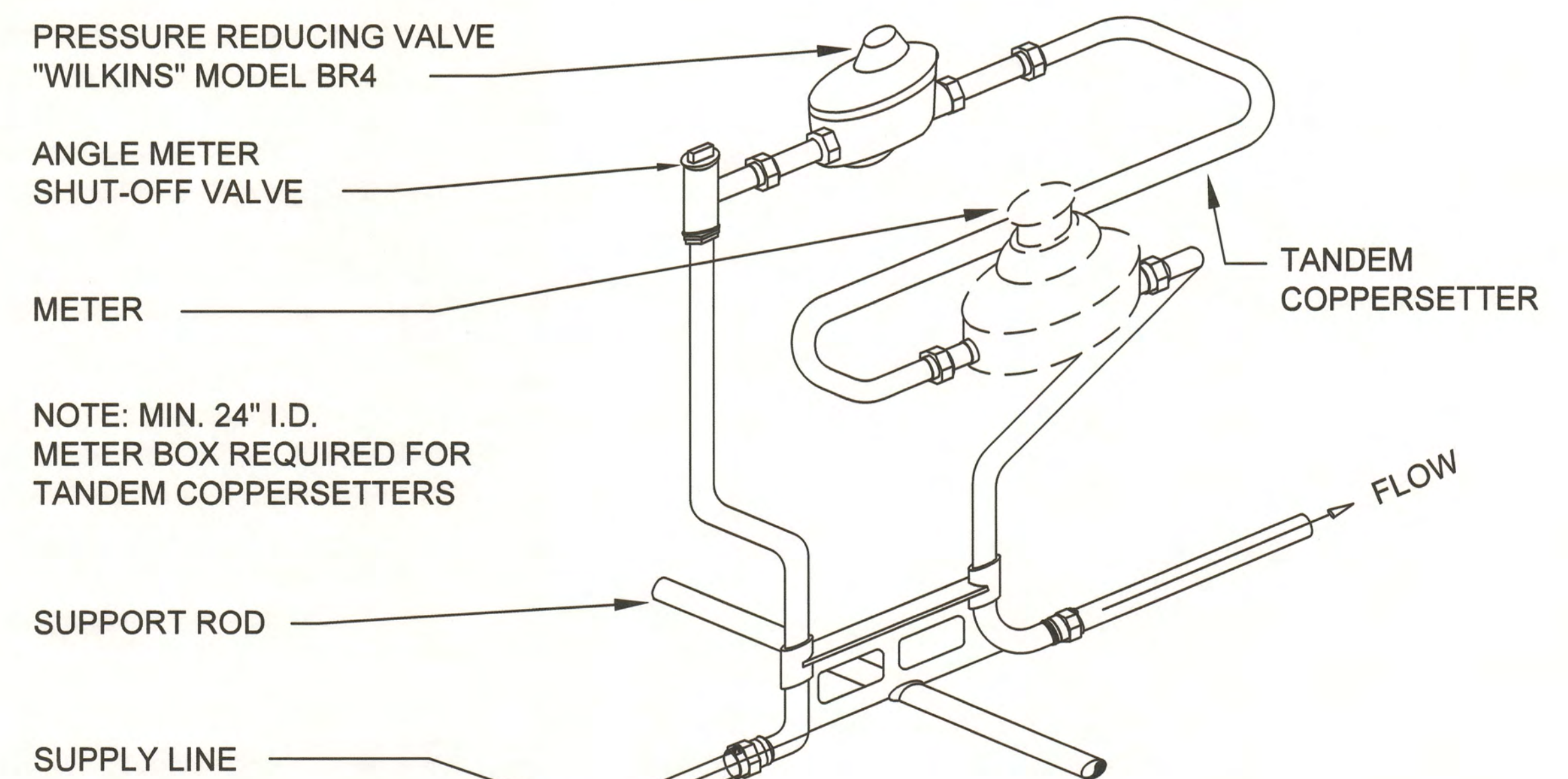
(16mm (5/8") x 19mm (3/4") OR 25mm (1") METERS)

TYPICAL SERVICE CONNECTION

NOT TO SCALE

NOTE: CONTRACTOR TO DRILL HOLE IN EXISTING METER LIDS FOR NEW AMR'S. LIDS MAY BE PLASTIC CAST IRON, OR METAL

ALL PLUMBING PERMITS TO BE INCLUDED IN THE CONTRACTOR'S PRICES.



NOTE: MIN. 24" I.D. METER BOX REQUIRED FOR TANDEM COPPERSETTERS

TYPICAL PRESSURE REDUCING VALVE and CUSTOMER METER SERVICE

NOT TO SCALE

B:\PROJECTS\Rowan\18023 - Meter Replacement Project\DWG\18023-04.dwg BE 9/23/19

NO.	DATE	BY	REVISIONS

KY 158 WATER LINE RELOCATION
STANDARD DETAILS

BLUEGRASS ENGINEERING PLLC
222 East Main Street, Ste. 1 • Georgetown, KY 40324

PROJECT #:	18005
DATE:	SEP. 2019
PROJECT MGR:	LRS
DRAWN BY:	CBW
CHECKED BY:	PBR



SD-1

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