

# WATER PLAN - PHASE 3



MAY, 2021

## LEGEND

EXISTING	PROPOSED

636-594-0540 (tel.)  
636-594-0512 (fax)  
mail@ochran.com

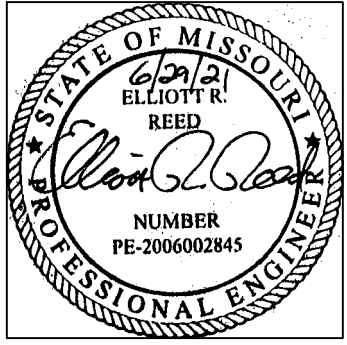
OCHRAN

Civil Engineering  
Land Surveying  
Architecture  
Site Development  
General Consulting  
Master Planning

Missouri State Certificate of Authority Numbers:  
Survey : 000380  
Engineering : 001655  
Architecture : 2002014240

Three working days prior to the start of any excavation, call 1-800-UGC-RTTE for utility location information.

All OSHA rules & regulations shall be strictly followed (i.e. trenching, blasting, etc.)



THE STREETS OF CALEDONIA  
PHASE 3 RESIDENTIAL  
O'FALLON, MISSOURI

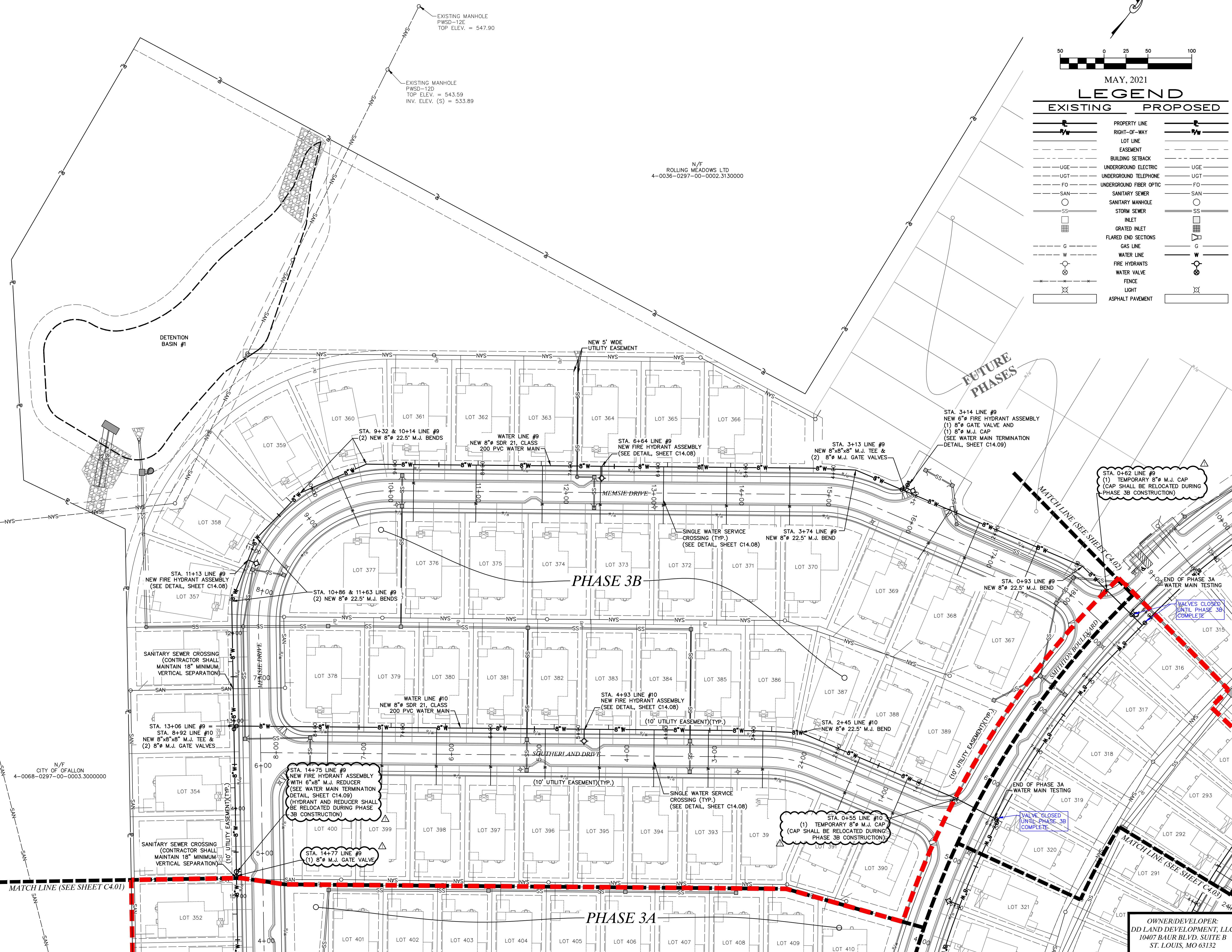
WATER PLAN - PHASE 3	
DATE	REVISION COMMENTS
06-29-21	REVIEW
JMM	ERR
DATE: MAY 25, 2021	
SCALE: 1" = 50'	
PROJ. NO.: 17-6821	
DRWG. NO.: C4.0	

OWNER/DEVELOPER:  
DD LAND DEVELOPMENT, LLC  
10407 BAUR BLVD, SUITE B  
ST. LOUIS, MO 63132

Drawing name: F:\17-6821 - 860 Acre Tract along Hwy 40, O'Fallon, MO\AutoCAD Drawings\6821 - Plan Sheets\Construction Drawings\PH3 Residential Plans\08\_Water Plan Phase 3.dwg Tab: WATER PLAN PH3-1 Plotted on: Jun 30, 2021 - 3:06pm Plotted by: lshawe

PROVIDE GRANULAR BACKFILL TO ALL WATER MAIN TRENCHES THAT CROSS THE PAVEMENT, LIE WITHIN TEN (10) FEET OF THE EDGE OF PAVEMENT AND/OR THE 1:1 SHEAR PLANE OF THE ROAD.

- NOTES:**
1. WATER DISTRICT REQUIRES A MINIMUM OF 42" AND A MAXIMUM OF 72" OF COVER OVER ITS WATER MAINS.
  2. ALL STREET CROSSINGS SHALL HAVE FULL DEPTH COMPACTED GRANULAR BACKFILL.
  3. ALL VERTICAL BENDS TO INCLUDE RETAINER GLANDS.
  4. ALL WATER PITS MUST BE INSTALLED IN GREEN SPACE PER PWS# 2 SPECIFICATIONS.
  5. ALL OFF-SITE WATER SYSTEM WORK MUST BE RESTORED WITH SOD UNLESS OTHER CONSIDERATION IS REQUESTED BY THE OFF-SITE PROPERTY OWNER.
  6. IT WILL BE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL NECESSARY PERMITS. COPIES OF ALL REQUIRED PERMITS SHALL BE PROVIDED TO THE WATER DISTRICT PRIOR TO CONSTRUCTION.
  7. WATER EXTENSION AGREEMENTS WILL BE REQUIRED FOR EACH PHASE BEFORE CONSTRUCTION CAN BEGIN.
  8. WATER DISTRICT REQUIRES AT LEAST 18" OF HORIZONTAL SEPARATION BETWEEN CROSSINGS.
  9. WATER DISTRICT REQUIRES ONE (1) WEEK NOTICE BEFORE THE START OF CONSTRUCTION.
  10. ALL WATER MAINS, VALVES, FITTINGS, HYDRANTS, AND RELATED ITEMS ARE TO BE INSTALLED IN ACCORDANCE WITH THE CURRENT PWS# 2 OF ST. CHARLES COUNTY GUIDELINES AND SPECIFICATION AS APPROVED BY MODNR REVIEW NO. 6050905-13.
  11. ALL PROPOSED CONNECTIONS TO AN EXISTING PUBLIC WATER MAIN SHALL BE MADE PER THE WATER DISTRICT'S SPECIFICATIONS.



MATCH LINE (SEE SHEET C4.01)

MATCH LINE (SEE SHEET C4.02)

MATCH LINE (SEE SHEET C4.03)

PHASE 3B

PHASE 3A

FUTURE PHASES

N/F  
CITY OF O'FALLON  
4-0068-0297-00-0003.3000000

N/F  
ROLLING MEADOWS LTD  
4-0036-0297-00-0002.3130000

STA. 14+75 LINE #9  
NEW FIRE HYDRANT ASSEMBLY WITH 6" M.J. REDUCER (SEE WATER MAIN TERMINATION DETAIL, SHEET C14.09) (HYDRANT AND REDUCER SHALL BE RELOCATED DURING PHASE 3B CONSTRUCTION)

STA. 14+77 LINE #9  
(1) 8" M.J. GATE VALVE

STA. 0+55 LINE #10  
(1) TEMPORARY 8" M.J. CAP (CAP SHALL BE RELOCATED DURING PHASE 3B CONSTRUCTION)

STA. 0+62 LINE #9  
(1) TEMPORARY 8" M.J. CAP (CAP SHALL BE RELOCATED DURING PHASE 3B CONSTRUCTION)

END OF PHASE 3A WATER MAIN TESTING

END OF PHASE 3A WATER MAIN TESTING

END OF PHASE 3A WATER MAIN TESTING

VALVES CLOSED UNTIL PHASE 3B COMPLETE

VALVES CLOSED UNTIL PHASE 3B COMPLETE

VALVES CLOSED UNTIL PHASE 3B COMPLETE