

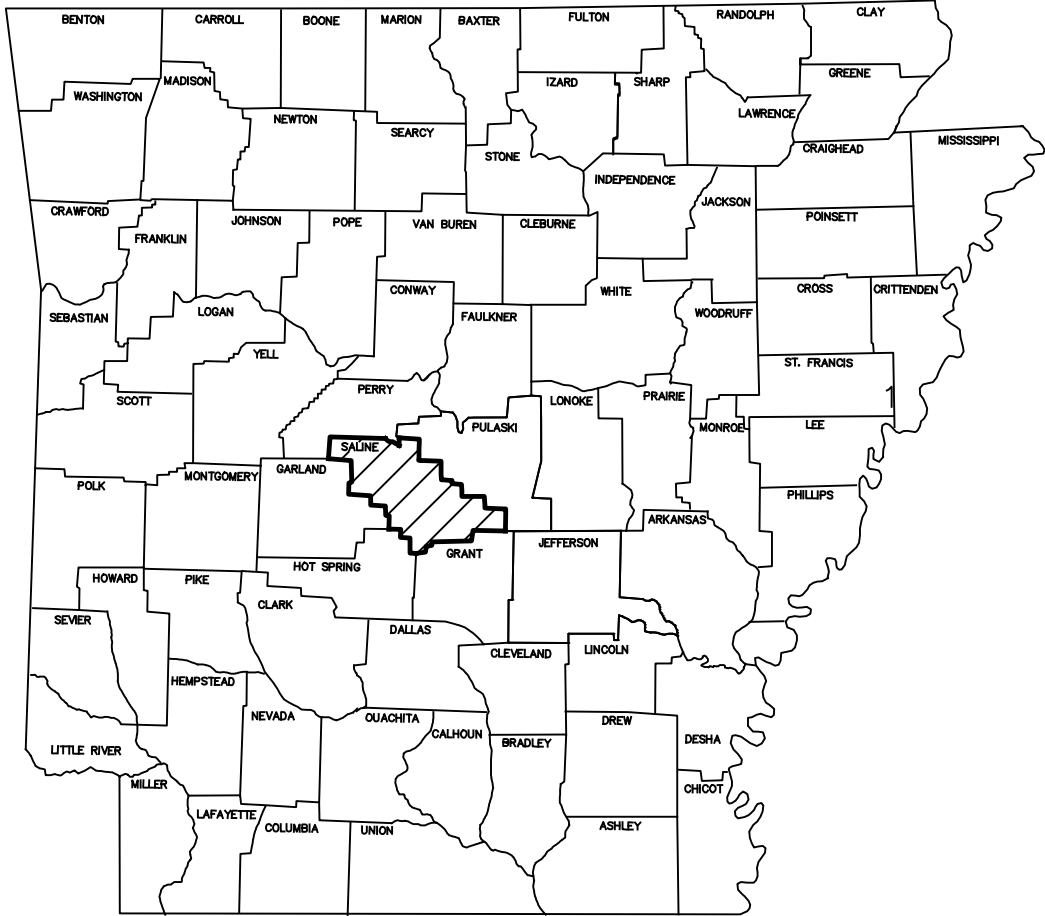
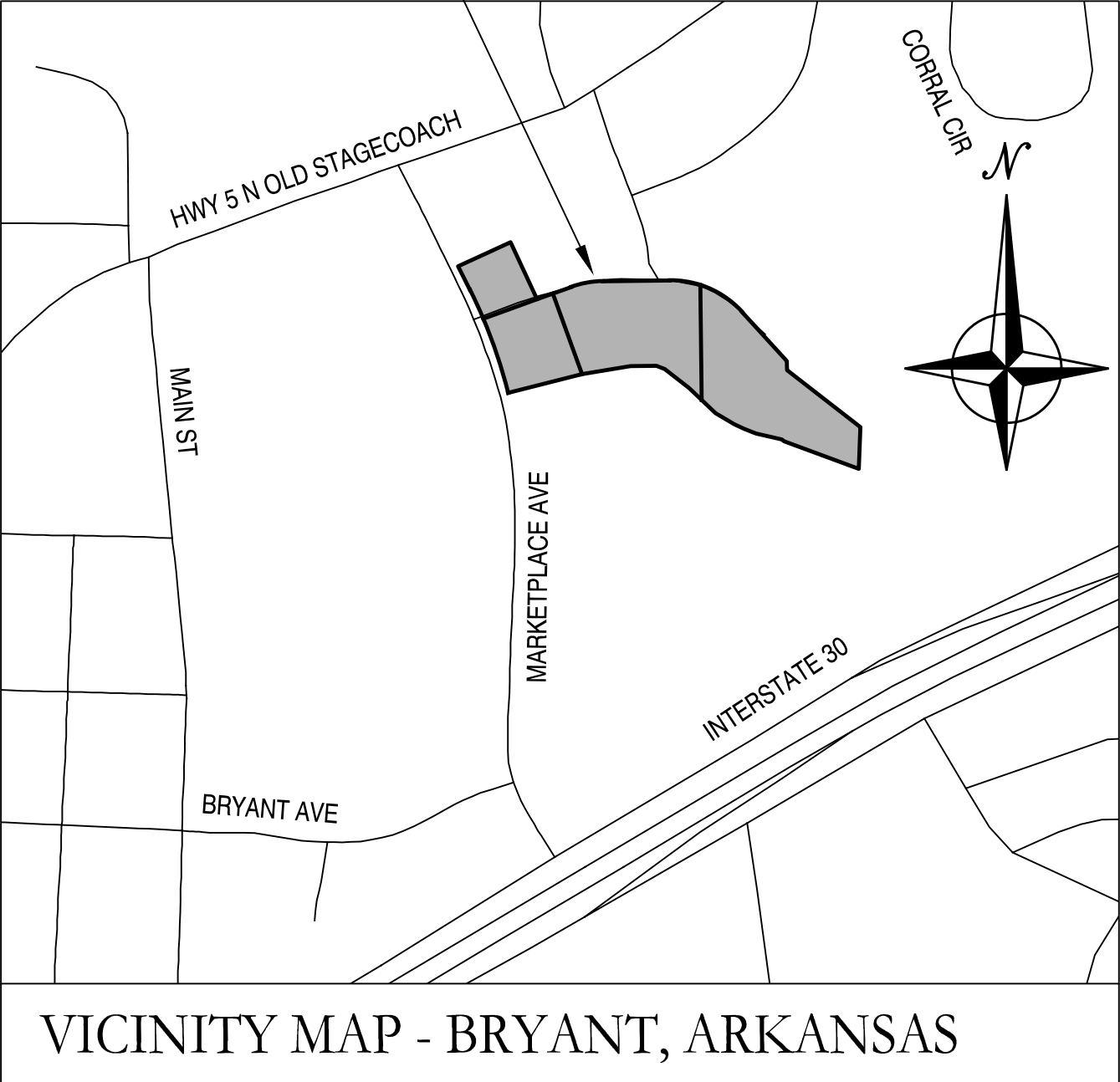
CONSTRUCTION PLANS FOR

MARKETPLACE EAST SUBDIVISION

PHASE 1

BRYANT, ARKANSAS

PROJECT LOCATION



Prepared by:
GarNat Engineering, LLC

Designing our client's success
www.garnatengineering.com

P.O. Box 116
Benton, AR 72018
Ph (501) 408-4650

3825 Mt Carmel Road
Bryant, AR 72022
Fx (888) 900-3068

DRAWING INDEX:

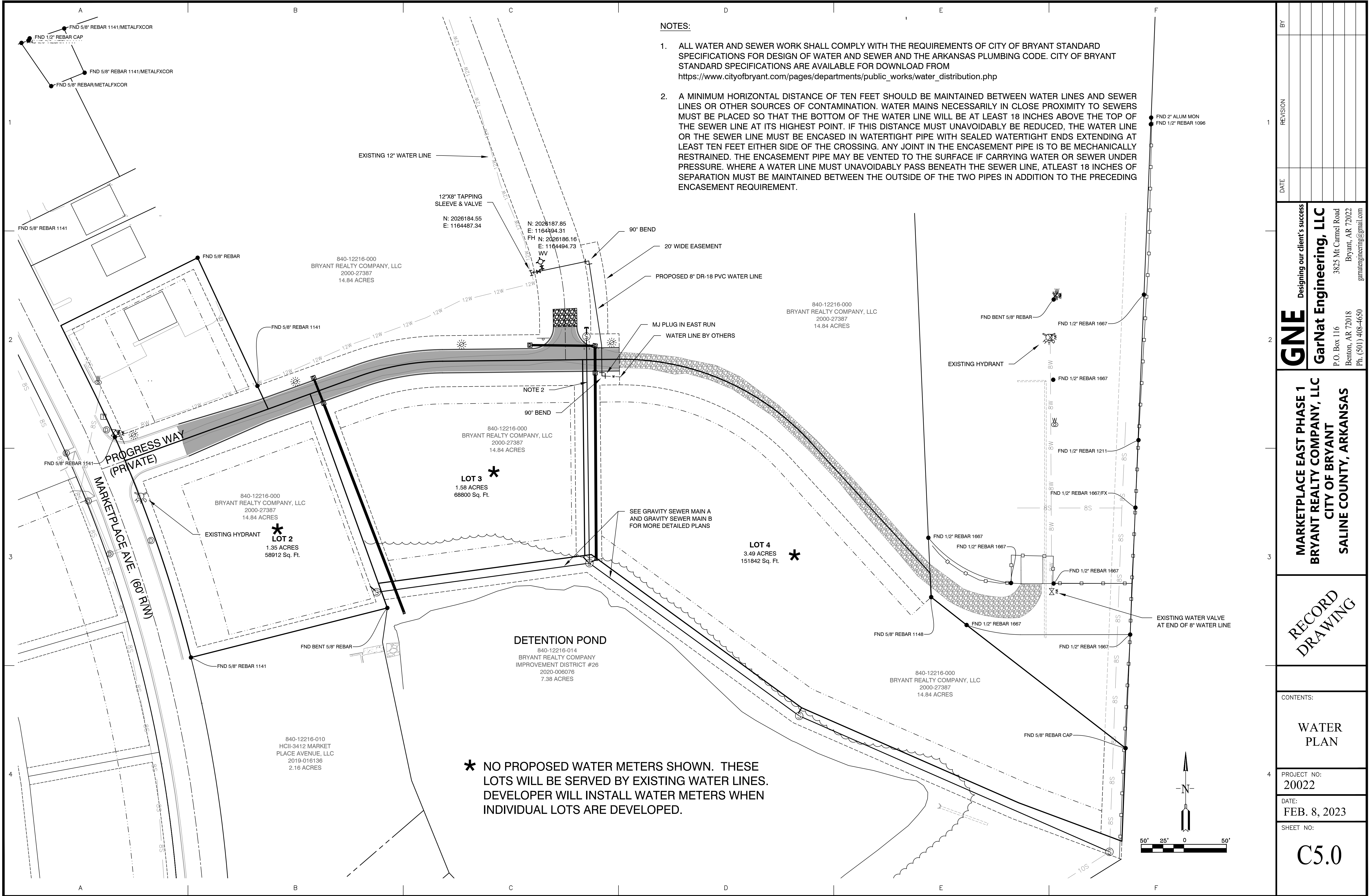
C2.0	GRAVITY SEWER MAIN A PLAN AND PROFILE
C3.0	GRAVITY SEWER MAIN B PLAN AND PROFILE
C4.0	PROGRESS WAY PLAN AND PROFILE
C5.0	WATER PLAN

RECORD
DRAWING



NOTES:

1. ALL WATER AND SEWER WORK SHALL COMPLY WITH THE REQUIREMENTS OF CITY OF BRYANT STANDARD SPECIFICATIONS FOR DESIGN OF WATER AND SEWER AND THE ARKANSAS PLUMBING CODE. CITY OF BRYANT STANDARD SPECIFICATIONS ARE AVAILABLE FOR DOWNLOAD FROM https://www.cityofbryant.com/pages/departments/public_works/water_distribution.php
2. A MINIMUM HORIZONTAL DISTANCE OF TEN FEET SHOULD BE MAINTAINED BETWEEN WATER LINES AND SEWER LINES OR OTHER SOURCES OF CONTAMINATION. WATER MAINS NECESSARILY IN CLOSE PROXIMITY TO SEWERS MUST BE PLACED SO THAT THE BOTTOM OF THE WATER LINE WILL BE AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER LINE AT ITS HIGHEST POINT. IF THIS DISTANCE MUST UNAVOIDABLY BE REDUCED, THE WATER LINE OR THE SEWER LINE MUST BE ENCASED IN WATERTIGHT PIPE WITH SEALED WATERTIGHT ENDS EXTENDING AT LEAST TEN FEET EITHER SIDE OF THE CROSSING. ANY JOINT IN THE ENCASEMENT PIPE IS TO BE MECHANICALLY RESTRAINED. THE ENCASEMENT PIPE MAY BE VENTED TO THE SURFACE IF CARRYING WATER OR SEWER UNDER PRESSURE. WHERE A WATER LINE MUST UNAVOIDABLY PASS BENEATH THE SEWER LINE, ATLEAST 18 INCHES OF SEPARATION MUST BE MAINTAINED BETWEEN THE OUTSIDE OF THE TWO PIPES IN ADDITION TO THE PRECEDING ENCASEMENT REQUIREMENT.



BY	REVISION	DATE
	1	
	2	
	3	
	4	

Designing our client's success GarNat Engineering, LLC 3825 Mt Carmel Road Bryant, AR 72022 garnatengineering@gmail.com	MARKETPLACE EAST PHASE 1 BRYANT REALTY COMPANY, LLC CITY OF BRYANT SALINE COUNTY, ARKANSAS
---	---

RECORD DRAWING

CONTENTS:
WATER PLAN

PROJECT NO: 20022
DATE: FEB. 8, 2023
SHEET NO: C5.0