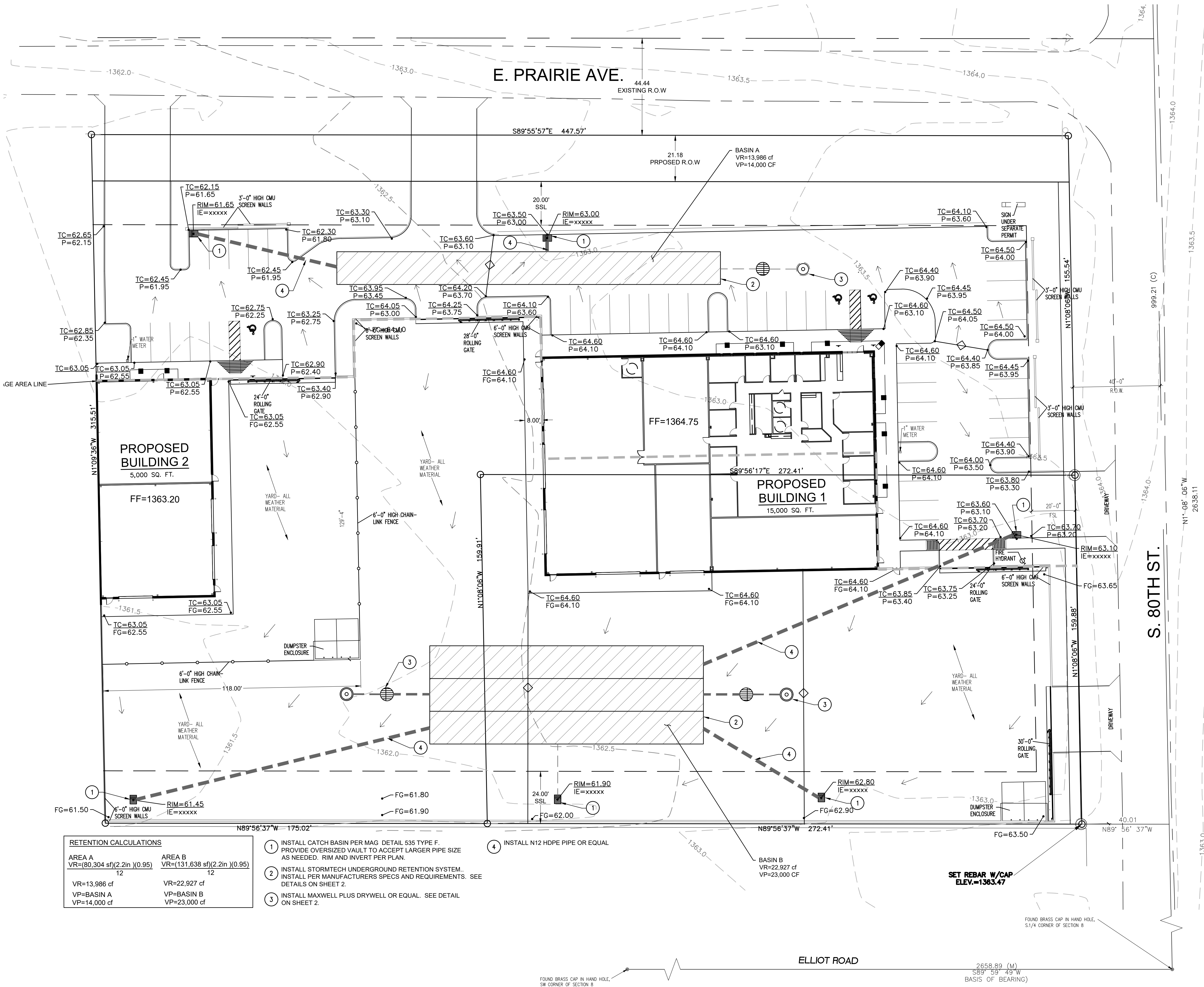




LEGEND	
	PROPERTY LINE
	BUILDING SETBACK LINE
	OVERHEAD ELECTRIC
	EXISTING WATER
	PROPOSED WATER
	EXISTING SEWER
	PROPOSED SEWER
	DRAINAGE AREA
	DRAINAGE AREA
	PROPOSED CONTOUR
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	RSL REAR SETBACK LINE
	SSL SIDE SETBACK LINE
	FSL FRONT SETBACK LINE
	EL ELEVATION
	FF FINISH FLOOR
	SEW SEWER
	PROPOSED FINISH GRADE
	DRAINAGE ARROW

RETENTION CALCULATIONS	
AREA A VR=(80,304 sf)(2.2in)(0.95) 12 VR=13,986 cf VP=BASIN A VP=14,000 cf	AREA B VR=(131,638 sf)(2.2in)(0.95) 12 VR=22,927 cf VP=BASIN B VP=23,000 cf

1. INSTALL CATCH BASIN PER MAG. DETAIL 535 TYPE F. PROVIDE OVERSIZED VAULT TO ACCEPT LARGER PIPE SIZE AS NEEDED. RIM AND INVERT PER PLAN.
2. INSTALL STORMTECH UNDERGROUND RETENTION SYSTEM.. INSTALL PER MANUFACTURERS SPECS AND REQUIREMENTS. SEE DETAILS ON SHEET 2.
3. INSTALL MAXWELL PLUS DRYWELL OR EQUAL. SEE DETAIL ON SHEET 2.
4. INSTALL N12 HDPE PIPE OR EQUAL

DATE

REVISIONS:

UTILITY CONSTRUCTION CO. NEW BUILDINGS
GRADING AND DRAINAGE PLAN
MESA, AZ 85212

Contact Arizona 811 at least two full working days before you begin excavation.
ARIZONA 811
Call 811 or click Arizona811.com

FILE NO.
UTILITY CONST GD
JOB NUMBER
TME2019-106
SHEET NO.
1 OF 1