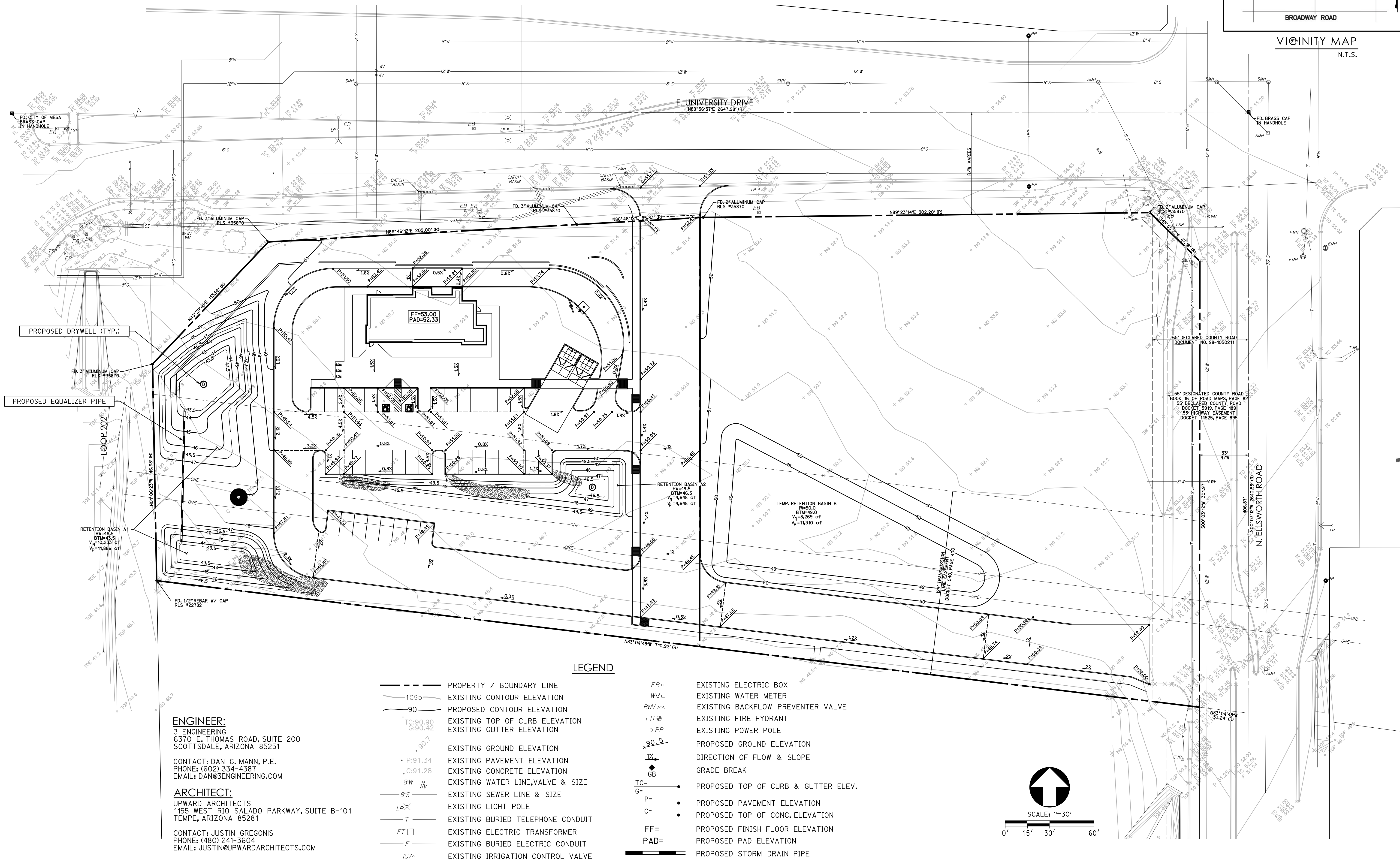
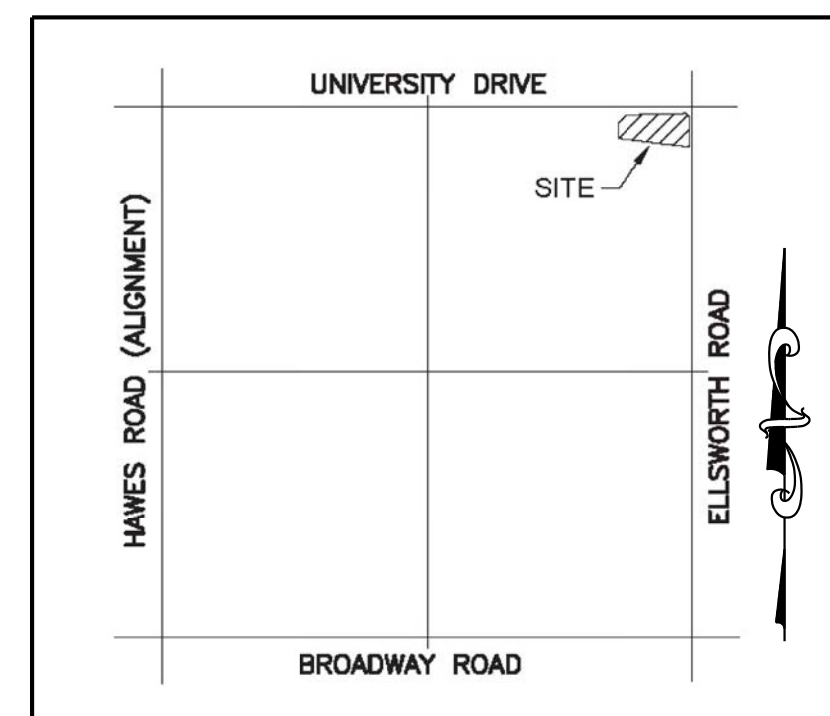


RETENTION CALCULATIONS

SUB-AREA	AREA (ACRE)	C	P (IN/HR)	VOLUME REQ. (CF)	SURFACE VOL. PROV. (CF)	U. G. PROV. (LF)	U. G. VOL. PROV. (CF)	TOTAL VOL. PROVIDED
A	2.45	0.76	2.19	14,881	16,534	0	0	16,534
B	2.08	0.50	2.19	8,269	11,310	0	0	11,310

PRELIMINARY GRADING & DRAINAGE PLAN FOR WENDY'S

LOCATED IN A PORTION OF THE NORTHEAST QUARTER OF SECTION 21, TOWNSHIP 1 NORTH, RANGE 7 EAST OF THE GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA



LEGEND

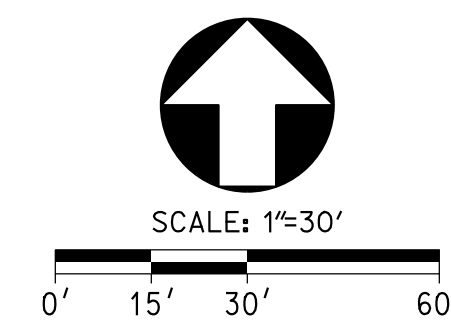
- PROPERTY / BOUNDARY LINE
- 1095— EXISTING CONTOUR ELEVATION
- 90— PROPOSED CONTOUR ELEVATION
- TC=90.90 EXISTING TOP OF CURB ELEVATION
- C=90.42 EXISTING GUTTER ELEVATION
- 90.7 EXISTING GROUND ELEVATION
- P:91.34 EXISTING PAVEMENT ELEVATION
- C:91.28 EXISTING CONCRETE ELEVATION
- 8"W / 12"W EXISTING WATER LINE, VALVE & SIZE
- 8"S EXISTING SEWER LINE & SIZE
- LP X EXISTING LIGHT POLE
- T EXISTING BURIED TELEPHONE CONDUIT
- ET □ EXISTING ELECTRIC TRANSFORMER
- E EXISTING BURIED ELECTRIC CONDUIT
- ICV ○ EXISTING IRRIGATION CONTROL VALVE
- EB □ EXISTING ELECTRIC BOX
- WM □ EXISTING WATER METER
- BWP □ EXISTING BACKFLOW PREVENTER VALVE
- FH □ EXISTING FIRE HYDRANT
- PP ○ EXISTING POWER POLE
- 90.5 PROPOSED GROUND ELEVATION
- 1% DIRECTION OF FLOW & SLOPE
- GB GRADE BREAK
- TC= PROPOSED TOP OF CURB & GUTTER ELEV.
- G= PROPOSED TOP OF CONC. ELEVATION
- P= PROPOSED PAVEMENT ELEVATION
- C= PROPOSED TOP OF CONC. ELEVATION
- FF= PROPOSED FINISH FLOOR ELEVATION
- PAD= PROPOSED PAD ELEVATION
- PROPOSED STORM DRAIN PIPE

ENGINEER:
 3 ENGINEERING
 6370 E. THOMAS ROAD, SUITE 200
 SCOTTSDALE, ARIZONA 85251

CONTACT: DAN G. MANN, P.E.
 PHONE: (602) 334-4387
 EMAIL: DAN@3ENGINEERING.COM

ARCHITECT:
 UPWARD ARCHITECTS
 1155 WEST RIO SALADO PARKWAY, SUITE B-101
 TEMPE, ARIZONA 85281

CONTACT: JUSTIN GREGONIS
 PHONE: (480) 241-3604
 EMAIL: JUSTIN@UPWARDARCHITECTS.COM



3ENGINEERING, LLC
 6370 E. THOMAS ROAD, SUITE 200
 SCOTTSDALE, ARIZONA 85251
 PHONE: (602) 334-4387
 FAX: (602) 495-3220
 WWW.3ENGINEERING.COM

DATE: 04/11/22
 PROJECT NO: 2028
 SHEET NO: PGD01 of 1

planning
 civil engineering
 SURVEYING

REGISTERED PROFESSIONAL ENGINEER
 DANIEL G. MANN
 4/11/22
 ARIZONA, U.S.A.

WENDY'S
 SWC UNIVERSITY & ELLSWORTH, MESA, AZ. 85207
 PRELIMINARY GRADING & DRAINAGE PLAN

Copyright © 2022 3 ENGINEERING, LLC

C:\V\SecurSync\Projects\2028_Wendys\Loop_202_University\2028pgd01.dgn