

LEGEND OF EXISTING FEATURES

- BOUNDARY LINE
- CENTER LINE OR MONUMENT LINE
- CONCRETE SURFACE
- 24 INCH VERTICAL CURB & GUTTER
- CATCH BASIN
- 6 INCH CONCRETE CURB
- INDICATES DRIVEWAY (MEANS OF ACCESS)
- O.H.E. OVERHEAD ELECTRIC LINE
- E UNDERGROUND ELECTRIC LINE
- G UNDERGROUND GAS LINE
- S UNDERGROUND SEWER LINE
- SD UNDERGROUND STORM SEWER LINE
- T UNDERGROUND TELEPHONE LINE
- W UNDERGROUND WATER LINE
- INDICATES BOUNDARY CORNER
- SCHEDULE B ITEM
- COMMUNICATION JUNCTION BOX
- ELECTRIC CABINET
- FIRE HYDRANT
- GAS VALVE
- METAL GRATE (RECTANGULAR)
- LIGHT POLE
- METAL COVER (RECTANGULAR)
- PEDESTRIAN ACCESS RAMP
- POWER POLE W/ UNDERGROUND ELECTRIC
- SEWER MANHOLE
- TELEPHONE MANHOLE
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL BOX
- TELEVISION MANHOLE
- WATER VALVE
- A.P.N. ASSESSORS PARCEL NUMBER
- M.C.R. MARICOPA COUNTY RECORDS
- R/W RIGHT OF WAY
- BK. BOOK
- PG. PAGE
- (TYP.) TYPICAL
- (R) RECORD PER DESCRIPTION & BK. 775, PG. 39, M.C.R.
- (M) MEASURED
- FL FLOW LINE
- TC TOP OF CURB
- P PAVEMENT
- C CONCRETE
- RIM TOP OF RIM
- INV INVERT ELEVATION
- NG NATURAL GROUND ELEVATION

LEGEND OF PROPOSED FEATURES

- G.B. GRADE BREAK
- DRAINAGE FLOW
- FF=XX.XX FINISH FLOOR
- FDC FDC
- WATER VALVE
- FIRE HYDRANT
- WATER METER
- BACKFLOW PREVENTION DEVICE
- LOT OUTFALL
- C.O. SEWER CLEANOUT

OWNER
V J CRIMSON LLC
4300 N MILLER RD
SUITE 153
SCOTTSDALE, AZ 85251

DEVELOPER
SOUTHWEST GENERAL DEVELOPMENT
10229 N. SCOTTSDALE ROAD STE F
SCOTTSDALE, ARIZONA 85253
PH: (646) 734-2654
CONTACT: BEAU WOODRING
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ENGINEER:
SBL ENGINEERING, LLC.
1957 E. SUNBURST LANE,
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PH: (602) 326-5848
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SURVEYOR:
SUPERIOR SURVEYING SERVICES, INC.
2122 W. LANE CACTUS DRIVE
PHOENIX, AZ 85027
PH: (623) 869-0223
FX: (623) 869-0726
CONTACT: DAVID KLEIN

PARCEL & SITE ADDRESS
APN: 220-81-743B
SITE ADDRESS: 10041 E. SOUTHERN AVENUE, MESA, AZ 85209
ZONING: THIS SITE IS CURRENTLY ZONED AS LC

AREA:
SUBJECT PROPERTY CONTAINS 38,774 SQUARE FEET OR 0.89 ACRES.

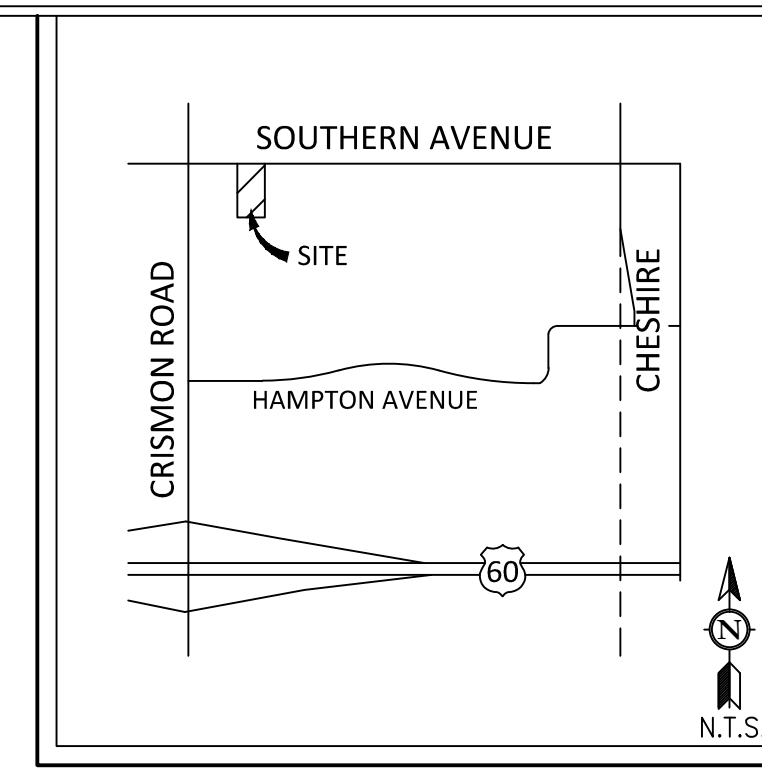
FLOOD ZONE
THIS PROPERTY IS LOCATED ON THE FLOOD INSURANCE RATE MAP(FIRM) ZONE X.
COMMUNITY NUMBER 040048 MAP NUMBER AND SUFFIX 04013C2315L PANEL NUMBER 2315
EFFECTIVE DATE OF FIRM OCTOBER 16, 2013.

BENCHMARK
THE BENCHMARK USED FOR THIS SURVEY IS THE BRASS TAG IN MEDIAN TOP OF CURB, OF INTERSECTION BETWEEN US 60 AND CRISMON ROAD, LOCATED APPROXIMATELY 440 FEET SOUTH OF EAST QUARTER CORNER OF SECTION 34, HAVING AN ELEVATION OF 1498.380 FEET (NAVD'88), PER CITY OF MESA DATUM.

BASIS OF BEARING
THE BASIS OF BEARING IS THE MONUMENT LINE OF SOUTHERN AVENUE, ALSO BEING THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 35, USING A BEARING OF SOUTH 89 DEGREES 55 MINUTES 57 SECONDS EAST, PER THE PLAT OF CRISMON BUSINESS PARK AMENDED, RECORDED IN BOOK 775 OF MAPS, PAGE 39, RECORDS OF MARICOPA COUNTY, ARIZONA.

RETENTION CALCULATIONS	
RETENTION VOLUME REQUIRED	WHERE: Vr = VOLUME REQUIRED IN CF
$Vr = (D/12) * C * A$	C = RUNOFF COEFFICIENT
SITE AREA = 1.09 AC., 47,361 SF	D = 100 YR-2HR INTENSITY IN FT
$Vr = (2.20/12)(0.95)(38,774)$ ONSITE	A = AREA IN SF
TOTAL RETENTION VOLUME REQUIRED	TOTAL RETENTION VOLUME PROVIDED
Vr = 6,754 cf ONSITE	Vp = 6,754 cf Total (86 LF OF 10' DIA)

RETENTION STATEMENT
THIS SITE WILL RETAIN THE 100 YEAR 2 HOUR STORM. NO OFF-SITE FLOWS IMPACT THIS SITE.



SBL Engineering, LLC.
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TEMPE, AZ 85284
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SALAD AND GO
10041 E. SOUTHERN AVE, MESA, AZ
CONCEPTUAL DRAINAGE & UTILITY PLAN

PRELIMINARY NOT FOR CONSTRUCTION OR RECORDING

SCALE: 1"= 20'

DATE: 09/16/20
PROJ. NO: 20-157
DESIGN: CB
DRAWN: CB
CHECK: JS
SCALE: 1"=20'
CAD FILE: 20157CP

CONCEPT G&D UTILITY PLAN
CP1
1 of 1