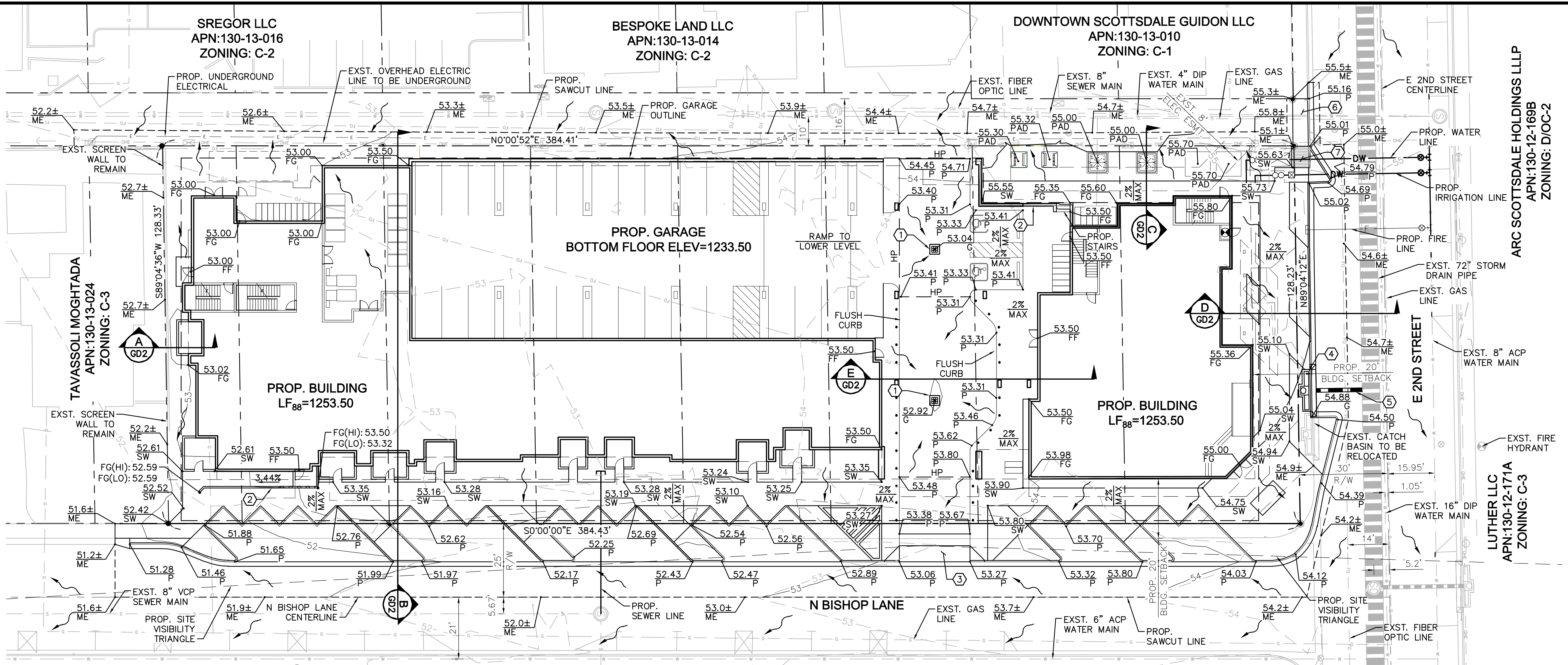


REV	DESCRIPTION	DATE	BY	APP



Kimley»Horn
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 7740 North 16th Street, Suite 300
 Phoenix, Arizona 85020 (602) 944-5500



SWC N BISHOP LANE AND E 2ND STREET
PRELIMINARY GRADING AND DRAINAGE PLAN
 SCOTTSDALE, ARIZONA

PROJECT No. 291347001
 SCALE (H): 1"=20'
 SCALE (V): NONE
 DRAWN BY: CHS
 DESIGN BY: CHS
 CHECK BY: EAW
 DATE: 11/07/19

PRELIMINARY
 FOR REVIEW ONLY
 NOT FOR CONSTRUCTION
Kimley»Horn
 ENGINEER E. WHITEHURST
 PE NO. 52765, DATE 11/19/19
 347001Pre-GD.dwg
GD1
 1 OF 2 SHEETS

COS PROJECT # 890-PA-2018
 C.S.: 16-44

K:\VHX_Civil\291347001 - 2nd St & Bishop CAD\147001Pre-GD.dwg, Layout:GD1, Nov 07, 2019 - 5:29pm, Corner:Sperry
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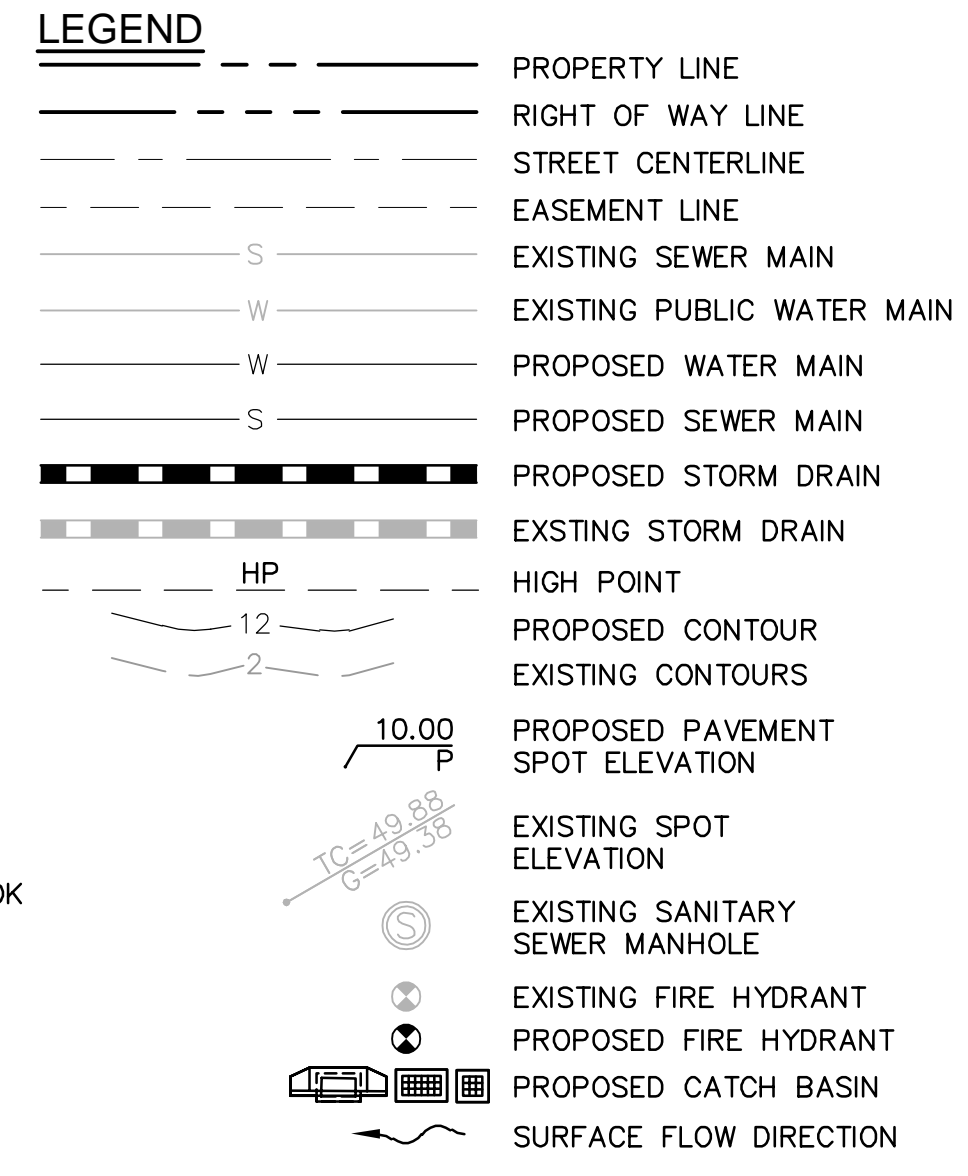
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FLOOD INFORMATION
 ACCORDING TO THE FLOOD INSURANCE RATE MAP #04013C2235L DATED OCTOBER 16, 2013 THIS PROPERTY IS LOCATED IN FLOOD ZONE "X"; AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD.

BENCHMARK
 FOUND 3" CITY OF SCOTTSDALE BRASS CAP IN HANDHOLE AT THE INTERSECTION OF OSBORN ROAD AND SCOTTSDALE ROAD.

BASIS OF BEARING
 THE CENTERLINE OF 2ND STREET AS IN BOOK 32, PAGE 50, MARICOPA COUNTY RECORDS. SAID LINE BEARS N89°03'00"E.

GDACS DATA
 NAVD88
 ELEVATION = 1246.52'



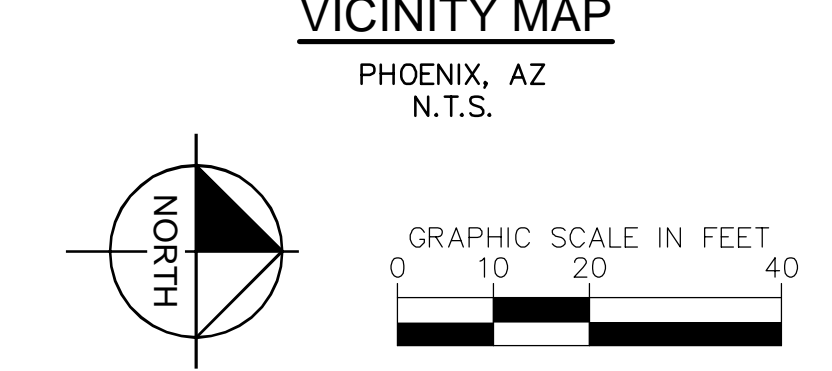
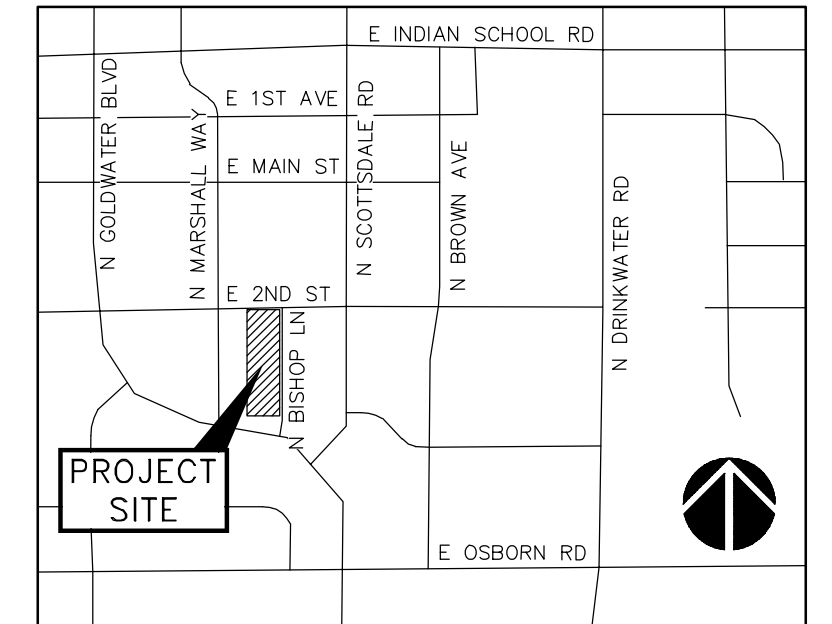
STORMWATER NOTE
 ACCORDING TO THE CITY OF SCOTTSDALE DESIGN STANDARDS & POLICIES MANUAL (DS&PM), "SITES THAT ARE LESS THAN ONE ACRE IN SIZE AND ARE NOT LIKELY TO CONTRIBUTE TO STORMWATER CONTAMINANTS TO THE CITY'S MUNICIPAL SEPARATE STORM SEWER SYSTEM OR WATERS OF THE U.S., THE FIRST FLUSH VOLUME MAY BE WAIVED, SUBJECT TO PRIOR APPROVAL BY STORMWATER STAFF." PER CONVERSATION WITH RICHARD ANDERSON, P.E., CFM, CITY OF SCOTTSDALE WILL NOT REQUIRE ONSITE STORMWATER RETENTION/DETENTION. DUE TO SITE ACREAGE, ROOF AREA COVERAGE, AND LIMITED SITE EXPOSURE. ROOF DRAINAGE WILL BE COLLECTED INTERNALLY AND DISCHARGED TO ADJACENT PUBLIC RIGHT OF WAY ALONG HISTORICAL PATTERNS.

FLOOD INFORMATION
 THE FLOOD ZONE DESIGNATION FOR THIS AREA IS ZONE X. DEFINED AS: AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD. MAP NUMBER 04013C2235L, REVISED OCTOBER 16, 2013.

COMMUNITY NUMBER	COUNTY NUMBER	PANEL #	SUFFIX	DATE OF FIRM (INDEX DATE)	FIRM ZONE	BASE FLOOD ELEVATION (IN AO ZONE USE DEPTH)
045012	04013C	2235	L	OCTOBER 16, 2013	X	N/A

ENGINEER'S CERTIFICATION:
 THE LOWEST FLOOR ELEVATION(S) AND/OR FLOOD PROOFING ELEVATION(S) ON THIS PLAN ARE SUFFICIENTLY HIGH TO PROVIDE PROTECTION FROM FLOODING CAUSED BY A 100-YEAR STORM, AND ARE IN ACCORDANCE WITH SCOTTSDALE REVISED CODE, CHAPTER 37 - FLOODPLAIN AND STORMWATER REGULATION.

- GRADING AND DRAINAGE NOTES**
- 1 GARAGE DECK AREA DRAIN.
 - 2 RETAINING WALL.
 - 3 DRIVEWAY ENTRANCE PER COS STD DET 2250.
 - 4 CATCH BASIN.
 - 5 STORM DRAIN PIPE.
 - 6 RECONSTRUCT DRIVEWAY ENTRANCE TO PROVIDE ADA ACCESS TO THE SITE.
 - 7 CURB RAMP.



- NOTES**
1. ADD 1200' TO ALL ELEVATIONS.
 2. ADD 0.5' TO PAVEMENT (P) ELEVATIONS TO OBTAIN TOP OF CURB ELEVATIONS, UNLESS OTHERWISE NOTED.



