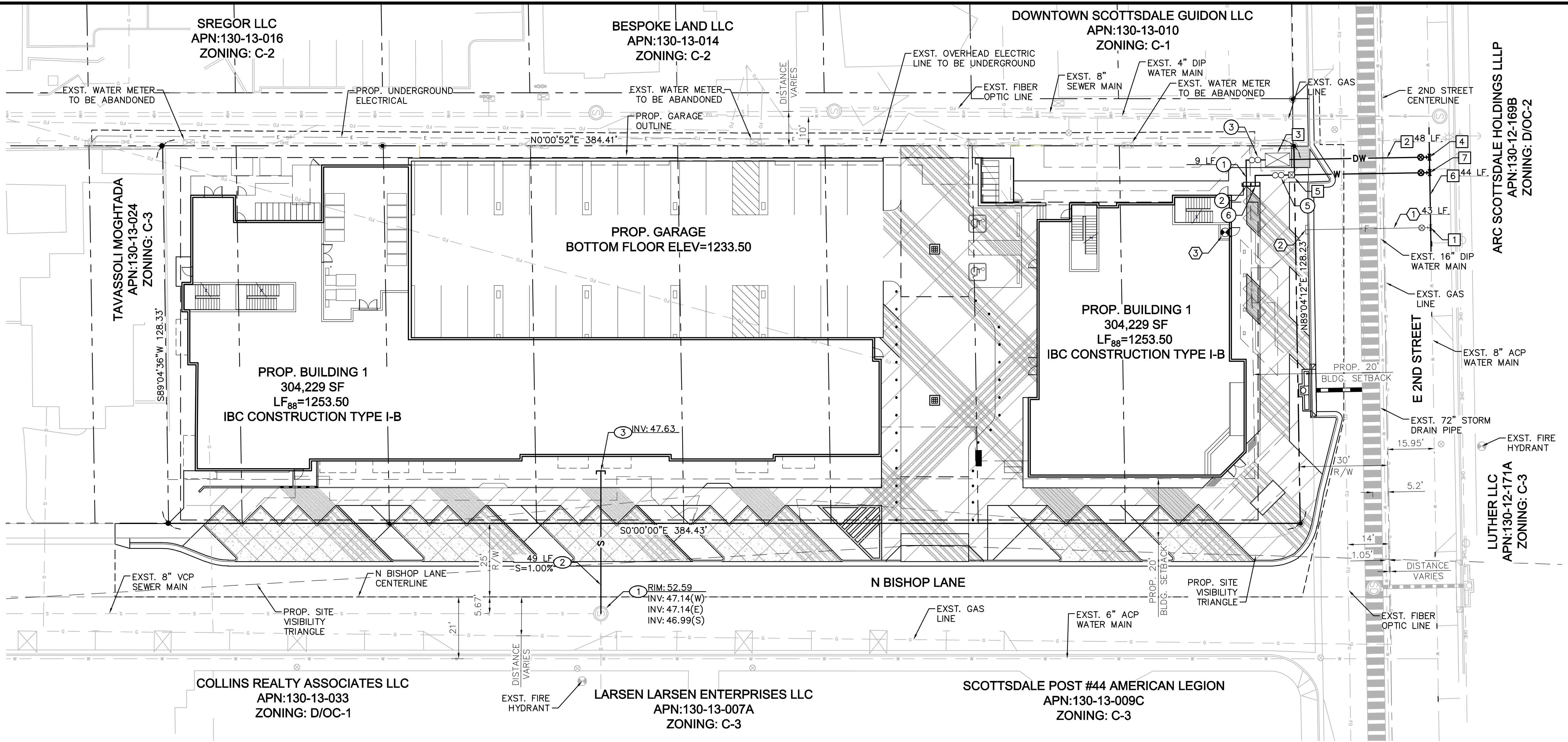


REV	DESCRIPTION	DATE	BY	APP



**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 UTILITY PLAN**  
 SCOTTSDALE, ARIZONA

PROJECT No. 291347001  
 SCALE (H): 1"=20'  
 SCALE (V): NONE  
 DRAWN BY: CHS  
 DESIGN BY: CHS  
 CHECK BY: EAW  
 DATE: 09/17/19  
**PRELIMINARY**  
 FOR REVIEW ONLY  
 NOT FOR CONSTRUCTION  
**Kimley»Horn**  
 ENGINEER E. WHITEHURST  
 PE NO. 52765, DATE 09/19  
 347001Pre-UT.dwg  
**UT1**  
 1 OF 1 SHEETS

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

K:\PHX\_Civil\291347001 - 2nd St & Bishop\_CADD\347001Pre-UT.dwg, Layout: UT1  
 THIS DOCUMENT CONTAINS THE PROPERTY LINE AND BOUNDARY INFORMATION FOR THE PROJECT. IT IS THE RESPONSIBILITY OF THE CLIENT TO VERIFY THE ACCURACY OF THIS INFORMATION AND TO OBTAIN NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT. THE CLIENT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT. THE CLIENT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT. THE CLIENT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT.

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 CONTACT: RANDALL MARTINEZ

**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'

**LEGEND**

---	PROPERTY LINE	---	EXISTING STORM DRAIN
---	RIGHT OF WAY LINE	⊙	EXISTING SANITARY SEWER MANHOLE
---	STREET CENTERLINE	⊙	PROPOSED SANITARY SEWER MANHOLE
---	EASEMENT LINE	⊙	PROPOSED SANITARY SEWER CLEANOUT
S	EXISTING SEWER MAIN	⊙	EXISTING FIRE HYDRANT
W	EXISTING WATER MAIN	⊙	PROPOSED FIRE HYDRANT
W	PROPOSED WATER MAIN	⊙	PROPOSED CATCH BASIN
S	PROPOSED SEWER MAIN		
---	PROPOSED STORM DRAIN		

**PUBLIC WATER MAIN NOTES**

- 1 INSTALL 8"x8" TEE.
- 2 INSTALL 3" WATER SERVICE LINE TYPE K SOFT COPPER PER MAG SPEC. 754.1, LENGTH PER PLAN, MINIMUM 3' COVER. BEDDING AND BACKFILL PER COS STD DET 2201.
- 3 INSTALL WATER SERVICE LINE CONNECTION WITH 3" DOMESTIC WATER METER AND VAULT PER COS STD DET 2345-1, METER BOX PER MAG STD DET 320. METER TO BE INSTALLED BY CITY FORCES.
- 4 INSTALL 8"x3" TAPPING SLEEVE AND VALVE FOR DOMESTIC SERVICE.
- 5 INSTALL IRRIGATION WATER METER PER COS STD DET 2653, METER BOX PER MAG STD DET 320. METER TO BE INSTALLED BY CITY FORCES.
- 6 REMOVE AND REPLACE EXISTING 8" ACP WATER MAIN WITH 8" CLASS 350 DIP WATER MAIN POLYWRAPPED, LENGTH PER PLAN, MINIMUM 3' COVER. BEDDING AND BACKFILL PER COS STD DET 2201.
- 7 INSTALL 8"x2" TAPPING SLEEVE AND VALVE FOR IRRIGATION SERVICE.

**PRIVATE DOMESTIC WATER NOTES**

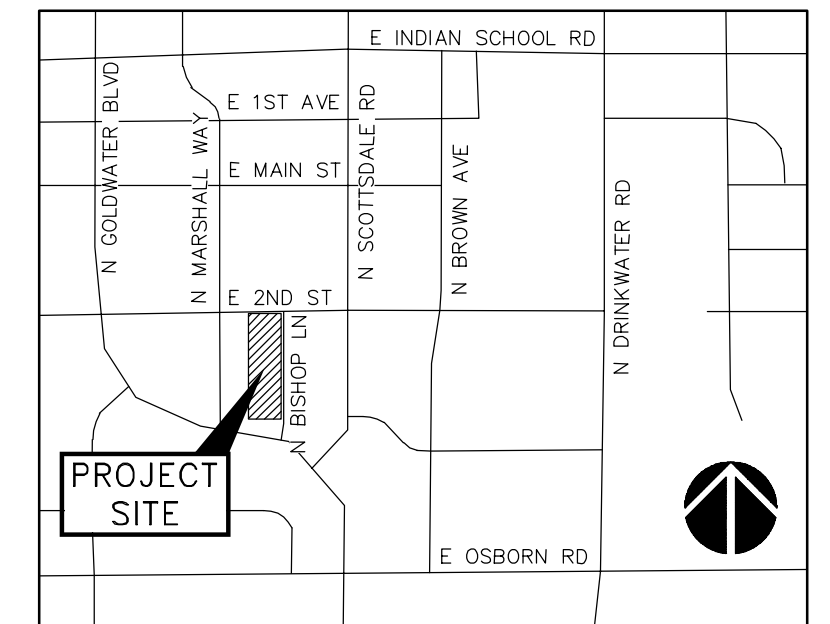
- 1 INSTALL 3" SCH 40 PVC DOMESTIC WATER SERVICE, LENGTH PER PLAN.
- 2 BUILDING DOMESTIC WATER CONNECTION, REF MEP PLANS FOR CONTINUATION.
- 3 INSTALL 3" DOUBLE CHECK VALVE BACKFLOW PREVENTION ASSEMBLY PER COS STD DET 2351.
- 5 IRRIGATION WATER DOUBLE CHECK VALVE BACKFLOW PREVENTION ASSEMBLY PER COS STD DET 2352. REF IRRIGATION PLANS FOR CONTINUATION.
- 6 IRRIGATION WATER CONNECTION, REF IRRIGATION PLANS FOR CONTINUATION.

**PRIVATE FIRELINE NOTES**

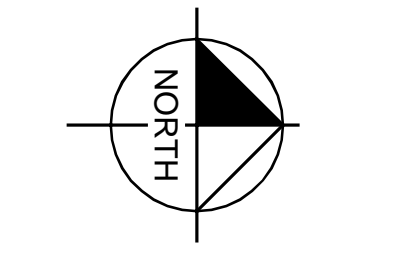
- 1 INSTALL 8" CLASS 350 DIP WATER MAIN POLYWRAPPED WITH TRACER WIRE, LENGTH PER PLAN, MINIMUM 3' COVER. BEDDING AND BACKFILL PER COS STD DET 2201.
- 2 BUILDING FIRELINE CONNECTION. INSTALL FIRELINE RISER AND BACKFLOW PREVENTOR PER COS STD DET 2369 IN FIRE RISER ROOM. REF FIRE SPRINKLER PLANS FOR CONTINUATION.
- 3 BUILDING FIRE RISER ROOM WITH INTERNAL BACKFLOW PREVENTOR.

**PRIVATE SEWER NOTES**

- 1 CONNECT TO EXISTING SANITARY SEWER MANHOLE, RIM AND INVERT PER PLAN.
- 2 INSTALL 6" SDR 35 PVC SEWER SERVICE, LENGTH AND SLOPE PER PLAN. BEDDING AND BACKFILL PER COS STD DET 2201.
- 3 CONNECT TO BUILDING SEWER AT TWO-WAY CLEANOUT, INVERT PER PLAN. REF MEP PLANS FOR CONTINUATION.



**VICINITY MAP**  
 PHOENIX, AZ  
 N.T.S.



**NOTES:**  
 1. ADD 1200' TO ALL ELEVATIONS.  
 2. ALL ELEVATIONS ARE INVERT ELEVATIONS, UNLESS OTHERWISE NOTED.

