KIMLEY-HORN AND ASSOCIATES, INC. 7740 N. 16TH STREET SUITE 300 PHOENIX, ARIZONA 85020 PH: (602) 837-5511 CONTACT: CHAD W. HUBER, RLS

CIVIL ENGINEER

KIMLEY-HORN AND ASSOCIATES, INC. 7740 N. 16TH STREET SUITE 300 PHOENIX, ARIZONA 85020 TEL. NO. (602) 944-5500

CONTACT: TRÁVER JONES, PE

ARCHITECT

MAHONEY ARCHITECTS 850 WEST ELLIOT SUITE 108 TEMPE, AZ 85284 PH: (480) 345-8457 CONTACT: JENNIFER SMITHEY

DEVELOPER/OWNER

CONTACT: HAL J. EARNHARDT

7300 W. ORCHID LANE

CHANDLER, AZ 85226

PH: (480) 783-4630

EARNHARDT ARIZONA PROPERTIES, LLC

BASIS OF BEARINGS

PER SURVEY INNOVATION GROUP. THE BASIS OF BEARING IS THE WEST LINE OF THE SOUTHEAST QUARTER OF SECTION 1, TOWNSHIP 3 NORTH, RANGE 4 EAST. SAID LINE BEARS NORTH 00 DEGREES 28 MINUTES 04 SECONDS EAST.

BENCHMARK

PRIMARY BENCHMARK: MCDOT BM #26017-1M ELEVATION = 1487.00' (NAVD88)

PROJECT BENCHMARK: POINT NO. 226 AT THE SOUTHEAST CORNER OF THE PROPERTY A ½" REBAR WITH TAG ELEVATION = 1509.62' (NAVD88)

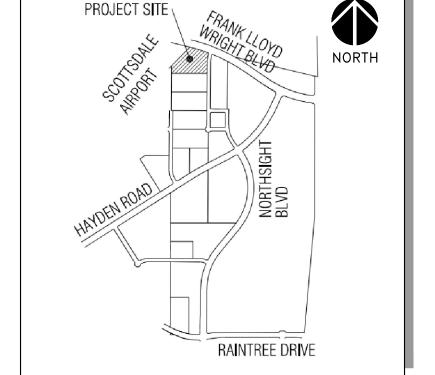
FLOOD INFORMATION

ACCORDING TO THE FLOOD INSURANCE RATE MAP #04013C2145H, DATED SEPTEMBER 30, 2005, THIS PROPERTY IS LOCATED IN FLOOD ZONE "X": AREAS OF 500—YEAR FLOOD; AREAS OF 100-YEAR FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 100-YEAR FLOOD.

NOTES:

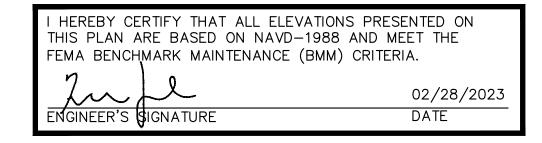
- 1. ADD 1500 TO ALL ELEVATIONS.
- 2. ADD 0.5' TO PAVEMENT (P) ELEVATIONS FOR TOP OF CURB (TC) ELEVATION, UNLESS
- OTHERWISE NOTED. 3. ALL SPOT ELEVATIONS ARE FINISHED GRADE PAVEMENT (P), GUTTER/GRATE (G), OR
- SIDEWALK (SW) ELEVATIONS UNLESS OTHERWISE NOTED.
- 4. CONTRACTOR SHALL USE SPOT ELEVATIONS, PROPOSED CONTOURS, AND SLOPES TO ESTABLISH GRADES.
- 5. SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% AND LONGITUDINAL SLOPE SHALL NOT EXCEED 5%.
- 6. PAD ELEVATION ASSUMES 4" CONCRETE SLAB ON 5" AB. REF ARCH PLANS FOR
- STRUCTURAL DETAILS.
- 7. REFER TO LANDSCAPE PLANS FOR SLOPE TREATMENT.
- 8. ALL FILL SLOPES SHALL BE COMPACTED TO 95% RELATIVE DENSITY.

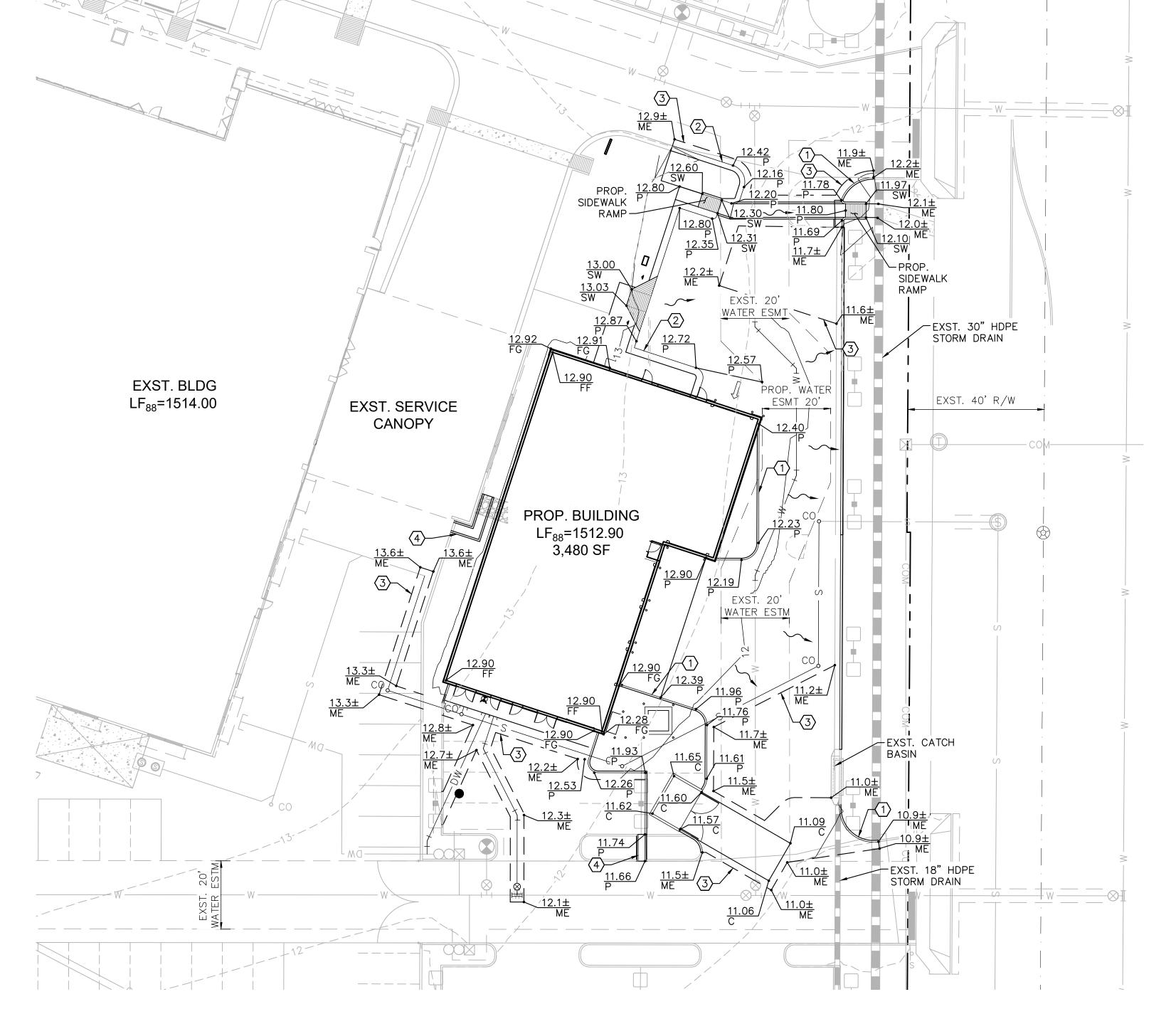


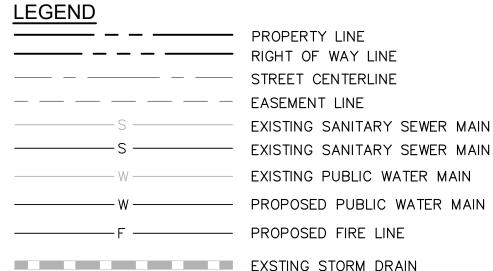


VICINITY MAP SCOTTSDALE, AZ N.T.S.

COMMUNITY NUMBER	COUNTY NUMBER	PANEL # PANEL DATE	SUFFIX	DATE OF FIRM (INDEX DATE)	FIRM ZONE	BASE FLOOD ELEVATION (IN AO ZONE USE DEPTH
045012	04013C	1320 10/16/2013	L	JULY 20, 2021	×	N/A







PROPOSED STORM DRAIN HIGH POINT PROPOSED CONTOUR EXISTING CONTOURS

10.00 PROPOSED PAVEMENT P SPOT ELEVATION EXISTING SPOT ELEVATION

LOW POINT FLOW LINE

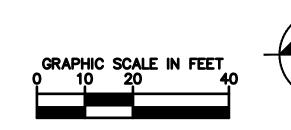
EXISTING SANITARY SEWER MANHOLE PROPOSED STORM DRAIN MANHOLE EXISTING FIRE HYDRANT

PROPOSED FIRE HYDRANT PROPOSED CATCH BASIN

PROPOSED DUAL-CHAMBER DRYWELL

GRADING AND DRAINAGE CONSTRUCTION NOTES

- 1 PROPOSED CURB AND GUTTER PER MAG STD DET 220, TYPE A.
- 2 PROPOSED ROLL CURB AND GUTTER PER MAG STD DET 220, TYPE D.
- 3 SAWCUT LINE.
- 4 PROPOSED CONCRETE DRAINAGE CHANNEL.







PROJECT No. 191759002

SRADING E PLAN

PRELIMINA AND DRAI

GD1 OF 1 SHEETS