

FILE LOCATION\\N\\PHX_Civil\\291443018 - Q0480 - Scottsdale Rd & Legacy\\CADD\\05-0480 Covers.dwg TAB NAME: Prelim Grading Cover USER: Modeline@horne SAVED: 10/15/2023 2:10 PM PLOTTED: 11/30/2023 3:44 PM

Plan #

Case # 61-DR-2015#6

Q-S #

☒ Accepted

☐ Corrections

N. Baronas

2/5/2024

Reviewed By

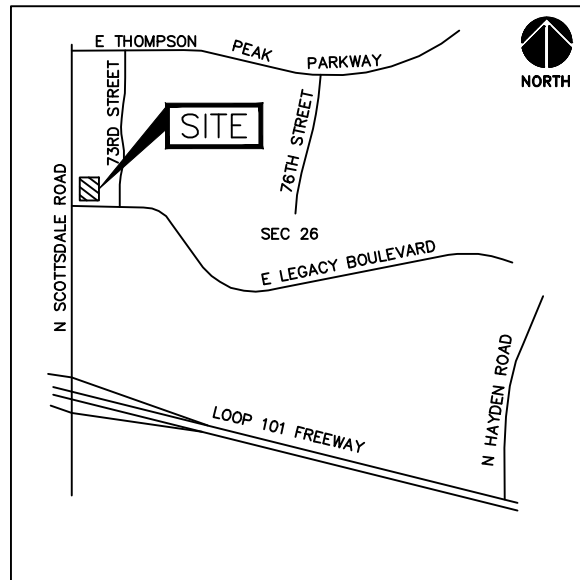
Date

QUIKTRIP STORE #0480

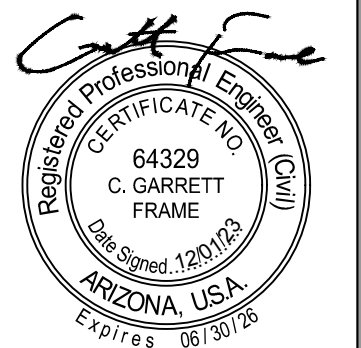
PRELIMINARY GRADING AND DRAINAGE PLAN

NEC SCOTTSDALE RD & LEGACY BLVD

SCOTTSDALE, AZ



Vicinity Map
Not to Scale
SECTION 26
T.4N., R.4E., G.&S.R.B.&M.
MARICOPA COUNTY, ARIZONA



PROJECT NO.: 291443018

Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
7740 NORTH 16TH STREET, SUITE 300
PHOENIX, ARIZONA 85020 (602) 944-5500

CITY OF SCOTTSDALE GENERAL NOTES

- ALL CONSTRUCTION IN THE PUBLIC RIGHTS-OF-WAY OR IN EASEMENTS GRANTED FOR PUBLIC USE MUST CONFORM TO THE LATEST MAG UNIFORM STANDARD SPECIFICATIONS AND UNIFORM STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION AS AMENDED BY THE LATEST VERSION OF THE CITY OF SCOTTSDALE SUPPLEMENTAL STANDARD SPECIFICATIONS AND SUPPLEMENTAL STANDARD DETAILS. IF THERE IS A CONFLICT, THE CITY'S SUPPLEMENTAL STANDARD DETAILS WILL GOVERN.
- THE CITY APPROVES THE SCOPE, NOT THE DETAIL, OF ENGINEERING DESIGNS; THEREFORE, IF CONSTRUCTION QUANTITIES ARE SHOWN ON THESE PLANS, THEY ARE NOT VERIFIED BY THE CITY.
- THE APPROVAL OF PLANS IS VALID FOR SIX (6) MONTHS. IF A RIGHT-OF-WAY PERMIT FOR THE CONSTRUCTION HAS NOT BEEN ISSUED WITHIN SIX MONTHS, THE PLANS MUST BE RESUBMITTED TO THE CITY FOR REAPPROVAL.
- A PUBLIC WORKS INSPECTOR WILL INSPECT ALL WORKS WITHIN THE CITY RIGHTS-OF-WAY AND IN EASEMENTS. NOTIFY INSPECTION SERVICES 24 HOURS PRIOR TO BEGINNING CONSTRUCTION BY CALLING 480-312-5750.
- WHENEVER EXCAVATION IS NECESSARY, CALL THE BLUE STAKE CENTER, 811, TWO WORKING DAYS BEFORE EXCAVATION BEGINS. THE CENTER WILL SEE THAT THE LOCATION OF THE UNDERGROUND UTILITY LINES IS IDENTIFIED FOR THE PROJECT.
- RIGHT-OF-WAY PERMITS ARE REQUIRED FOR ALL WORK IN PUBLIC RIGHTS-OF-WAY AND EASEMENTS GRANTED FOR PUBLIC PURPOSES. A RIGHT-OF-WAY PERMIT WILL BE ISSUED BY THE CITY ONLY AFTER THE REGISTRANT HAS PAID A BASE FEE PLUS A FEE FOR INSPECTION SERVICES. COPIES OF ALL PERMITS MUST BE RETAINED ON-SITE AND BE AVAILABLE FOR INSPECTION AT ALL TIMES. FAILURE TO PRODUCE THE REQUIRED PERMITS WILL RESULT IN IMMEDIATE SUSPENSION OF ALL WORK UNTIL THE PROPER PERMIT DOCUMENTATION IS OBTAINED.
- ALL EXCAVATION AND GRADING THAT IS NOT IN THE PUBLIC RIGHTS-OF-WAY OR NOT IN EASEMENTS GRANTED FOR PUBLIC USE MUST CONFORM TO APPENDIX J, GRADING, OF THE LATEST EDITION OF THE INTERNATIONAL BUILDING CODE. A PERMIT FOR THIS GRADING MUST BE SECURED FROM THE CITY FOR A FEE ESTABLISHED BY THE CITY.

ASSESSOR'S PARCEL NUMBER

APN: 215-05-304A
ZONING: PRC
SITE AREA: 100,000SF (2.296AC)

LEGAL DESCRIPTION

LOT 1A, OF THE REPLAT OF LOT 3 ONE SCOTTSDALE, ACCORDING TO THE PLAT OF RECORD IN THE OFFICE OF THE COUNTY RECORDER OF MARICOPA COUNTY, ARIZONA, RECORDED IN BOOK 1115 OF MAPS, PAGE 41.

PROJECT DESCRIPTION

THE SCOPE INCLUDES THE CONSTRUCTION OF A CONVENIENCE STORE AND AN AUTO FUELING CANOPY WITH SIX MPD'S.

"AS-BUILT CERTIFICATION"

I HEREBY CERTIFY THAT THE "AS-BUILT" INFORMATION SHOWN HEREON WAS OBTAINED UNDER MY DIRECT SUPERVISION AND IS CORRECT AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

REGISTERED ENGINEER REGISTRATION NUMBER SEAL

FLOOD INSURANCE RATE MAP (FIRM) INFORMATION					
COMMUNITY NUMBER	PANEL # PANEL DATE	SUFFIX	DATE OF FIRM	FIRM ZONE	BASE FLOOD ELEVATION (IN AO ZONE, USE DEPTH)
045012	1770 10/5/2022	C	OCT 5, 2022	ZONE X	NONE

PROJECT CONTACT LIST:

SURVEYOR OF RECORD
ATWELL, LLC.
JAMES G. SPRING, PLS
4700 E. SOUTHERN AVENUE
MESA, AZ 85206
TEL: (480) 218-8831

ENGINEER OF RECORD
KIMLEY-HORN AND ASSOCIATES, INC.
GARRETT FRAME, P.E.
7740 N. 16TH STREET, STE 300
PHOENIX, AZ, 85020
TEL: (602) 944-5500
GARRETT.FRAME@KIMLEY-HORN.COM

QT REAL ESTATE PROJECT MANAGER
QUIKTRIP CORPORATION- PHOENIX DIVISION
JONATHAN NAUT
1116 E. BROADWAY RD
TEMPE, AZ, 85282
TEL: (480) 446-6318
FAX: (480) 921-1927

QT CIVIL PROJECT MANAGER
QUIKTRIP CORPORATION
ASHLEY GOODRICH
4705 SOUTH 129TH E. AVE
TULSA, OK 74134
TEL: (918) 615-7273
AGOODRIC@QUIKTRIP.COM

ARCHITECT
KDF ARCHITECTURAL GROUP
300 W LAREDON AVE #320
PHOENIX, AZ 85012
TEL: (602) 234-1868

QUANTITIES:

ITEM DESCRIPTION	QUANTITY	UNIT
CONCRETE SIDEWALK	2,694	SF
ASPHALT PAVEMENT	239	SY
VERTICAL CURB	187	LF
REMOVE VERTICAL CURB	193	LF

MCESD APPROVAL:

MARICOPA COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES

DATE

ABBREVIATIONS

ADA	AMERICANS W/DISABILITIES ACT
ADT	AVERAGE DAILY TRIPS
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
APP'D	APPROVED
BCSM	BRASS CAP SURVEY MONUMENT
BLDG	BUILDING
BFP	BACKFLOW PREVENTOR
CC	CANOPY CLEARANCE
CF	CUBIC FEET
CFS	CUBIC FEET PER SECOND
CO	CLEANOUT
COP	CITY OF PHOENIX
CONC	CONCRETE
CY	CUBIC YARDS
DIA	DIAMETER
DTL	DETAIL
EL	ELEVATION
ESO	EMERGENCY SHUT-OFF
EX	EXISTING
FC	FACE OF CURB
FFE	FINISH FLOOR ELEVATION
FG	FINISH GRADE
FL	FLOWLINE
FND	FOUND
FT	FEET
G	GUTTER
INV	INVERT
L	LENGTH
LF	LINEAR FEET
LS	LAND SURVEYOR
LT	LEFT
M&P	MAPS AND PLATS
MH	MANHOLE
MON	MONUMENT
PAAL	PARKING AREA ACCESS LANE
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
R	RADIUS
RE:	REFERENCE (FOR DETAIL CALLOUTS)
R/W	RIGHT OF WAY
RLS	REGISTERED LAND SURVEYOR
RT	RIGHT
S	SLOPE
SD	STORM DRAIN
SF	SQUARE FEET
SRP	SALT RIVER PROJECT
STA	STATION
STD	STANDARD
SW	SIDEWALK
T	TOWNSHIP
TC	TOP OF CURB
TW	TOP OF RETAINING WALL
TYP	TYPICAL
VL	VAULT

SHEET INDEX

CITY PAGE NO.	NO.	TITLE
1	PGD1	PRELIMINARY GRADING AND DRAINAGE COVER SHEET
2	PGD2	PRELIMINARY GRADING & DRAINAGE PLAN
3	PGD3	PRELIMINARY GRADING & DRAINAGE PLAN

OWNER/DEVELOPER

QUIKTRIP CORPORATION
PO BOX 3475
TULSA, OK 74105
TEL: (480) 446 6318
FAX: (480) 921-1927
JNAUT@QUIKTRIP.COM

BASIS OF BEARING:

PER THE ATWELL, LLC., THE BASIS OF BEARING IS ALONG THE WEST LINE OF THE NORTHWEST QUARTER OF SECTION 26, TOWNSHIP 4 NORTH, RANGE 4 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN BEING S00°01'45"E A DISTANCE OF 2639.93 FEET.

BENCHMARK:

PER THE ATWELL, LLC., THE BENCHMARK IS FOUND AT THE NORTHWEST CORNER SECTION 26, T.4N., R.4E. ELEVATION = 1662.72 NORTH AMERICAN VERTICAL DATUM 1988 (CITY OF SCOTTSDALE VERTICAL DATUM)

I HEREBY CERTIFY THAT ALL ELEVATIONS REPRESENTED ON THIS PLAN ARE BASED ON THE ELEVATION DATUM FOR THE CITY OF SCOTTSDALE BENCHMARK AS PROVIDED ABOVE.

REGISTERED CIVIL ENGINEER DATE

CIVIL APPROVAL

REVIEW AND RECOMMENDED APPROVAL BY:

PAVING		TRAFFIC	
G & D		PLANNING	
W & S		FIRE	
RET. WALLS			

ENGINEERING COORDINATION MANAGER (OR DESIGNEE) DATE



QuikTrip No. 0480
NEC SCOTTSDALE ROAD & LEGACY BOULEVARD
SCOTTSDALE, AZ



© COPYRIGHT QUIKTRIP CORPORATION 2011
ANY UNAUTHORIZED USE, REPRODUCTION,
PUBLICATION, DISTRIBUTION, OR SALE IN
WHOLE OR IN PART, IS STRICTLY FORBIDDEN.

PROTOTYPE: P-108 (11/01/21)
DIVISION:
VERSION: 001
DESIGNED BY:
DRAWN BY:
REVIEWED BY:

REV	DATE	DESCRIPTION

ORIGINAL ISSUE DATE: 07/06/2022

SHEET TITLE:

PRELIMINARY GRADING AND
DRAINAGE COVER SHEET

SHEET NUMBER:

PGD1

SHEET 1 OF 3

Kimley»»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
7740 NORTH 16TH STREET, SUITE 300
PHOENIX, ARIZONA 85020 (602) 944-5500

QuikTrip No. 0480
11000 SCOTTSDALE ROAD & LEGACY BOULEVARD
SCOTTSDALE, AZ



© COPYRIGHT QUIKTRIP CORPORATION 2011
ANY UNAUTHORIZED USE, REPRODUCTION,
PUBLICATION, DISTRIBUTION, OR SALE IN
WHOLE OR IN PART, IS STRICTLY FORBIDDEN.

PROTOTYPE: P-108 (11/01/21)
DIVISION:
VERSION: 001
DESIGNED BY:
DRAWN BY:
REVIEWED BY:

[illegible]

SHEET TITLE:
PRELIMINARY GRADING & DRAINAGE PLAN

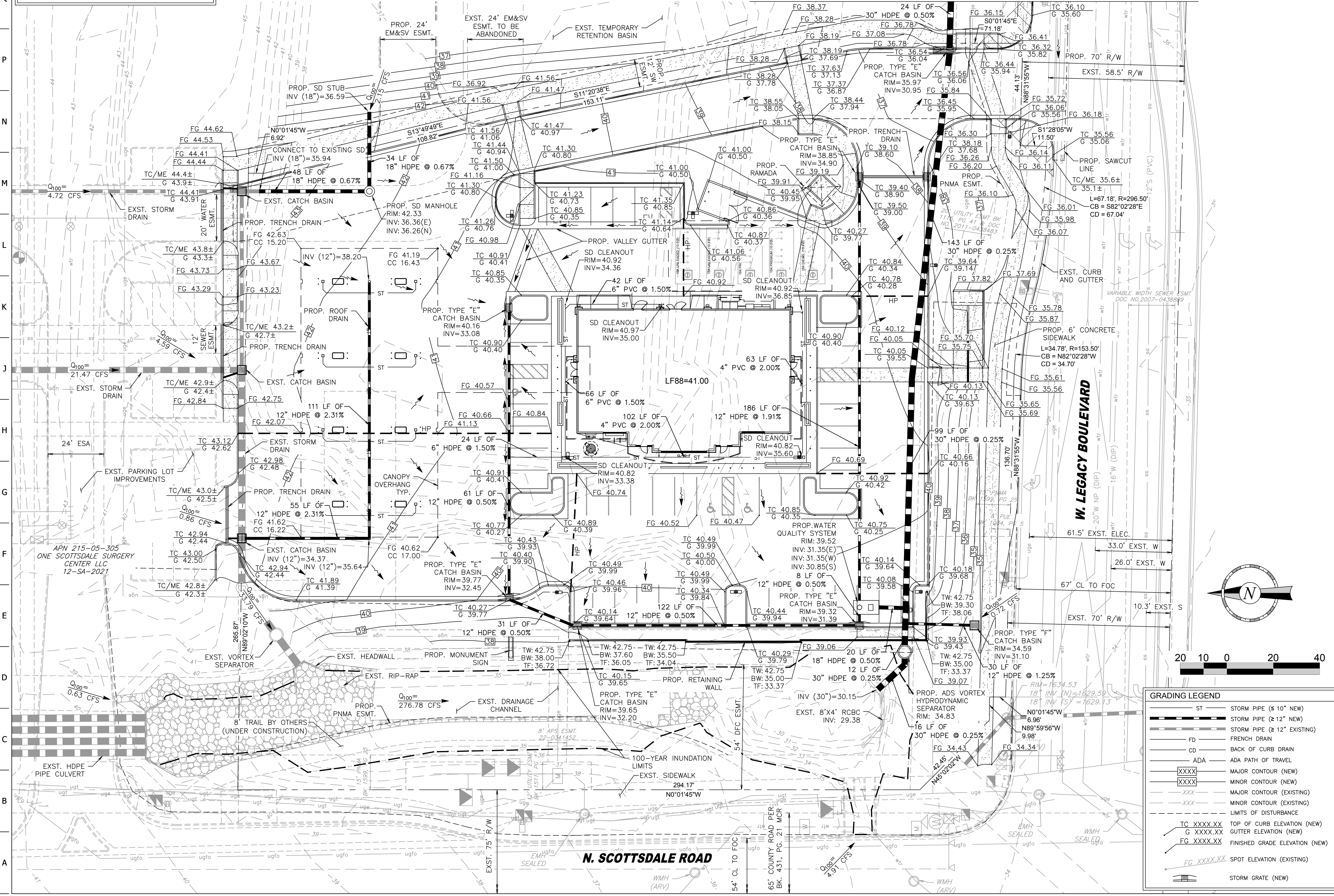
SHEET NUMBER:
PGD2
SHEET 2 OF 3

FILE LOCATION:K:\PHX_Civil\291443018 - QT0480 - Scottsdale Rd & Legacy\CADD\05-0480 Grading.dwg TAB NAME:Grading Plan USER:Modelaine.Haynie SAVED:10/3/2023 2:09 PM PLOTTED:11/30/2023 3:44 PM

MISCELLANEOUS GRADING NOTES

1. ADD 1600' TO EACH ELEVATION

MATCH LINE: SEE SHEET PGD3



GRADING LEGEND

	ST	STORM PIPE ($\leq 10"$ NEW)
		STORM PIPE ($\geq 12"$ NEW)
		STORM PIPE ($\geq 12"$ EXISTING)
	FD	FRENCH DRAIN
	CD	BACK OF CURB DRAIN
	ADA	ADA PATH OF TRAVEL
		MAJOR CONTOUR (NEW)
		MINOR CONTOUR (NEW)
		MAJOR CONTOUR (EXISTING)
		MINOR CONTOUR (EXISTING)
		LIMITS OF DISTURBANCE
	TC XXXX.XX	TOP OF CURB ELEVATION (NEW)
	G XXXX.XX	GUTTER ELEVATION (NEW)
	FG XXXX.XX	FINISHED GRADE ELEVATION (NEW)
	FG XXXX.XX	SPOT ELEVATION (EXISTING)
		STORM GRATE (NEW)

