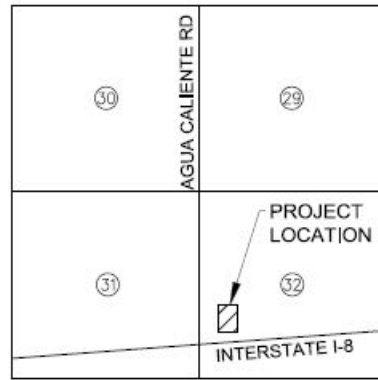


SENTINEL ELEMENTARY DISTRICT SED NO.71 WELL REPLACEMENT

LEGAL DESCRIPTION

A PORTION OF SOUTHWEST QUARTER SECTION 32, TOWNSHIP 6 SOUTH,
RANGE 9 WEST, GILA AND SALT RIVER MERIDIAN,
MARICOPA COUNTY, ARIZONA



VICINITY MAP
NOT TO SCALE

ABBREVIATIONS

ABC	AGGREGATE BASE COURSE	S/M	SAWCUT AND MATCH
AC	ASPHALT CONCRETE	SDMH	STORM DRAIN MANHOLE
BC	BACK OF CURB	SF	SQUARE FEET
BCF	BRASS CAP FLUSH	SSMH	SANITARY SEWER MANHOLE
BCHH	BRASS CAP IN HAND HOLE	STA	STATION
BCR	BEGIN CURB RETURN	STD	STANDARD
BM	BENCHMARK	SWK	SIDEWALK
BTM	BOTTOM	SY	SQUARE YARD
CB	CATCH BASIN	TAN	TANGENT
C/L	CENTERLINE	TBC	TOP BACK OF CURB
CMP	CORRUGATED METAL PIPE	TC	TOP OF CURB
CO	CLEAN OUT	T, TEL	TELEPHONE
CONC	CONCRETE	TG	TOP OF GRATE
CONST	CONSTRUCTION	TL	TRUE LENGTH
CY	CUBIC YARD	TYP	TYPICAL
D/W	DRIVEWAY	UCE	UNDERGROUND ELECTRIC
DWG	DRAWING	VNAE	VEHICLE NON-ACCESS EASEMENT
DTL	DETAIL	Vr	VOLUME REQUIRED
E	EAST	Vp	VOLUME PROVIDED
ECR	END CURB RETURN	W	WATER, WEST, WITH
ELEV	ELEVATION	XFMR	TRANSFORMER
EP	EDGE OF PAVEMENT		
ESMT	EASEMENT		
EX, EXIST	EXISTING		
FC	FACE OF CURB		
FF	FINISHED FLOOR		
FG	FINISHED GRADE		
FH	FIRE HYDRANT		
FL	FLANGE		
FND	FOUND		
FO	FIBER OPTIC		
FPS	FEET PER SECOND		
FT	FOOT, FEET		
G	GAS, GUTTER, GRADE		
GB	GRADE BREAK		
GPM	GALLONS PER MINUTE		
HDPE	HIGH DENSITY POLYETHYLENE PIPE		
HP	HIGH POINT		
HW	HIGHWATER		
IN	INCH, INCHES		
INV	INVERT		
IRRI	IRRIGATION		
JHA	JURISDICTION HAVING AUTHORITY		
L	LENGTH		
LF	LINEAR FEET		
LT	LEFT		
MAG	MARICOPA ASSOCIATION OF GOVERNMENTS		
MH	MANHOLE		
MJ	MECHANICAL JOINT		
MUTE	MULTI-USE TRAIL EASEMENT		
N	NORTH		
NA	NOT APPLICABLE		
NIC	NOT IN CONTRACT		
NO.	NUMBER		
OHE	OVERHEAD ELECTRIC		
OPNG	OPENING		
P/L	PROPERTY LINE		
PAE	PUBLIC ACCESS EASEMENT		
PC	POINT OF CURVATURE		
PCC	POINT OF COMPOUND CURVE		
PCC	PORTLAND CEMENT CONCRETE		
PRC	POINT OF REVERSE CURVE		
PT	POINT OF TANGENCY		
PUAE	PUBLIC UTILITY & ACCESS EASEMENT		
PUE	PUBLIC UTILITY EASEMENT		
PVI	POINT OF VERTICAL INTERSECTION		
R	RADIUS		
R/W	RIGHT-OF-WAY		
RGRCP	RUBBER GASKETED REINFORCED CONCRETE PIPE		
RJ	RESTRAINED JOINT		
RT	RIGHT		
S	SEWER, SLOPE, SOUT		
SED	SENTINEL ELEMENTARY DISTRICT		

LEGEND

	EXISTING CONCRETE		PROPOSED CONCRETE
	EXISTING PAVEMENT		PROPOSED PAVEMENT
	EXISTING SEWER		PROPOSED WATER LINE
	EXISTING WATER LINE		PROPOSED UTILITY, TYPE & SIZE PER PLAN
	EXISTING UNDERGROUND ELECTRIC		PROPOSED PROPERTY LINE
	EXISTING OVERHEAD ELECTRIC		PROPOSED BARBED WIRE FENCE
	EXISTING GAS LINE		PROPOSED WALL
	EXISTING UNDERGROUND TELEPHONE		PROPOSED FLOWLINE
	EXISTING CABLE LINE		PROPOSED SPOT ELEVATION
	EXISTING IRRIGATION LINE		PROPOSED CONTOUR
	EXISTING UTILITY, TYPE & SIZE PER PLAN		PROPOSED SIGN
	EXISTING PROPERTY LINE		PROPOSED AIR RELEASE VALVE
	EXISTING BARBED WIRE FENCE		PROPOSED GATE VALVE
	EXISTING WALL		PROPOSED FIRE HYDRANT
	EXISTING FLOWLINE		PROPOSED WATER METER
	EXISTING SPOT ELEVATION		PROPOSED DRYWELL
	EXISTING CONTOUR		PROPOSED TEE
	EXISTING SIGN		PROPOSED ELBOW
	EXISTING AIR RELEASE VALVE		BRASS CAP MONUMENT
	EXISTING GATE VALVE		PROPOSED VEGETATION
	EXISTING FIRE HYDRANT		
	EXISTING WATER METER		PLAN, SECTION OR DETAIL LABEL
	EXISTING POWER POLE		DRAWING TITLE/SHEET NUMBER
	EXISTING GUY WIRE		
	EXISTING LIGHT POLE		
	EXISTING TELEPHONE MANHOLE		
	EXISTING WATER MANHOLE		
	EXISTING CATCH BASIN		
	EXISTING STORM DRAIN AND STRUCTURE		
	EXISTING DRYWELL		
	EXISTING VEGETATION		
	EXISTING MAILBOX		
	EASEMENT		
	GRADE BREAK		
	HIGH WATERLINE		
	LOT LINE		
	RIGHT-OF-WAY		
	ROADWAY CENTERLINE		
	SECTION LINE		
	SETBACK LINE		

OWNER

SENTINEL ELEMENTARY DISTRICT NO. 71
53802 W US HWY 80
DATELAND, AZ 85333
TELEPHONE: (602) 390-6721
CONTACT: CHRIS MAYNES

ENGINEER

SUNRISE ENGINEERING, INC.
2045 S VINEYARD, SUITE 101
MESA, AZ 85210
TELEPHONE: (480) 768-8600
CONTACT: RICKY M. HOLSTON, P.E.

BASIS OF BEARING

BASIS OF BEARING BEING THE NORTH
RIGHT OF WAY LINE OF INTERSTATE
8, LOCATED IN THE SOUTHWEST
QUARTER OF SECTION 32, TOWNSHIP
6 SOUTH, RANGE 9 WEST OF THE
GILA AND SALT RIVER MERIDIAN,
MARICOPA COUNTY, ARIZONA BEING
NORTH 86°39'23" EAST A DISTANCE
OF 1451.58' BETWEEN TWO ARIZONA
HIGHWAY DEPARTMENT BRASS CAPS.

BENCHMARK

MCDOT SURVEY PRIMARY CONTROL
GPS POINT NAME "SENT", ALSO
KNOWN AS NGS PID "DA1175",
BEING A BRASS CAP LOCATED
APPROXIMATELY 130' SOUTH AND
1520' WEST OF THE INTERSECTION
OF THE EAST BOUND OFF-RAMP
OF INTERSTATE 8 AND SENTINEL
ROAD, HAVING AN ELEVATION OF
699.10 INTERNATIONAL FEET
(NAVD88 DATUM).

WELL INFORMATION

NEW WELL REGISTRATION: 55-232360
EXISTING WELL REGISTRATION: 55-645482

UTILITIES / SERVICES

UTILITY SERVICE	REPRESENTATIVES	PHONE	DATE SUBMITTED
APS	DAWN HOWARD	(602) 493-4225	06-26-20
TDS TELECOM TELEPHONE	SCOTT JONES	(928) 927-5457	06-26-20

SHEET INDEX

DESCRIPTION	TITLE	SHEET #
COVER SHEET	COV	1
GENERAL NOTES	GN1	2
INDEX SHEET	IND	3
SITE PLAN	SP1	4
DETAILS	DT1	5
ELECTRICAL	E100-E402	6-11

APPROVALS

MARICOPA COUNTY ENVIRONMENTAL SERVICES DEPARTMENT

01 / 28 / 2021

DATE

DWR - 21 - 00013

RECORD DRAWING CERTIFICATION

I HEREBY CERTIFY THAT THE "RECORD DRAWING" MEASUREMENTS AS
SHOWN HEREON WERE MADE UNDER MY SUPERVISION OR AS NOTED AND
ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED ENGINEER/LAND SURVEYOR _____ DATE _____
REGISTRATION NUMBER _____



REV. NO.	COMMENT	DATE

SUNRISE ENGINEERING
2045 SOUTH VINEYARD, SUITE 101
MESA, ARIZONA 85210
TEL 480.768.8600
www.sunrise-eng.com

SENTINEL ELEMENTARY DISTRICT
SENTINEL ELEMENTARY DISTRICT
SED NO.71 WELL REPLACEMENT
COVER SHEET

REV. NO.	DESIGNED	DRAWN	CHECKED	DATE
07298	SM	KH	R/H	COV 1 of 11