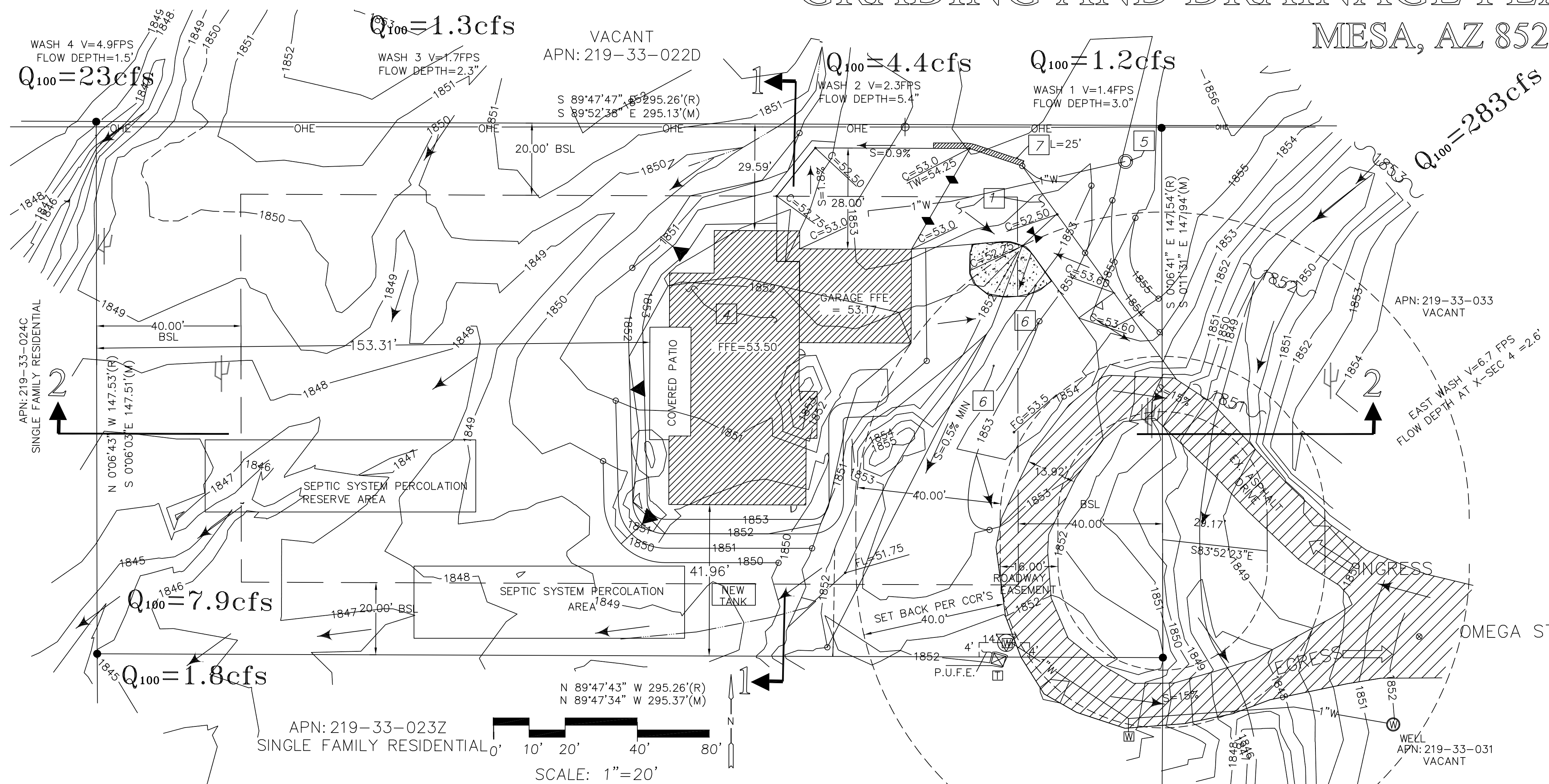
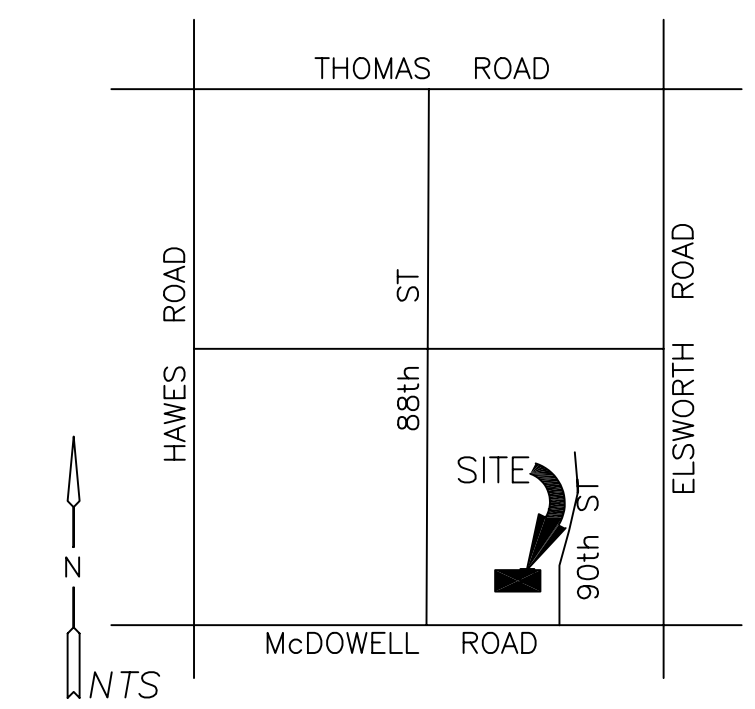


GRADING AND DRAINAGE PLAN

MESA, AZ 85207



- ### Legend
- PROPERTY LINE
 - SECTION, CENTER LINE
 - TIE LINE
 - EASEMENT LINE
 - MASONRY WALL
 - WATER LINE
 - SEWER LINE
 - GAS LINE
 - TELEPHONE
 - OVERHEAD ELECTRIC LINE
 - ⊗ — ELECTRIC PAD
 - ⊕ — POWER POLE
 - ⊙ — WATER VALVE
 - ⊙ — FIRE HYDRANT
 - ⊙ — CLEAN OUT SANITARY SEWER
 - ⊙ — TELEPHONE RISER
 - ⊙ — GAS METER
 - BACKFLOW PREVENTER
 - ⊙ — WATER METER BOX
 - ⊙ — SEWER MANHOLE
 - ⊙ — DRYWELL
 - ⊙ — ELECTRIC MANHOLE
 - ⊙ — ELECTRIC PANEL BOX
 - ★ — BARRREL CACTUS
 - SAGUARO
 - — FOUND; 1/2" REBAR TAG # 50620
 - — FOUND; BRASS CAP
 - — FOUND; BRASS CAP IN HAND HOLE
 - DRAINAGE FLOW DIRECTION
 - FG FINISH GRADE
 - EG EXISTING GRADE
 - ▲ NEW FILL SLOPE
 - EX CONTOUR (1' INTERVAL)
 - — 1834 PROP CONTOUR



Location Map
T2N, R7E, S/E 1/4 Sec 33

Contact Information

OWNER:
PARKCREST LLC
18328 E. SUNNYDALE DR.
QUEEN CREEK, AZ 85142
CONTACT: JARED BATES
480-259-3893

SITE ADDRESS

MESA, AZ 85207

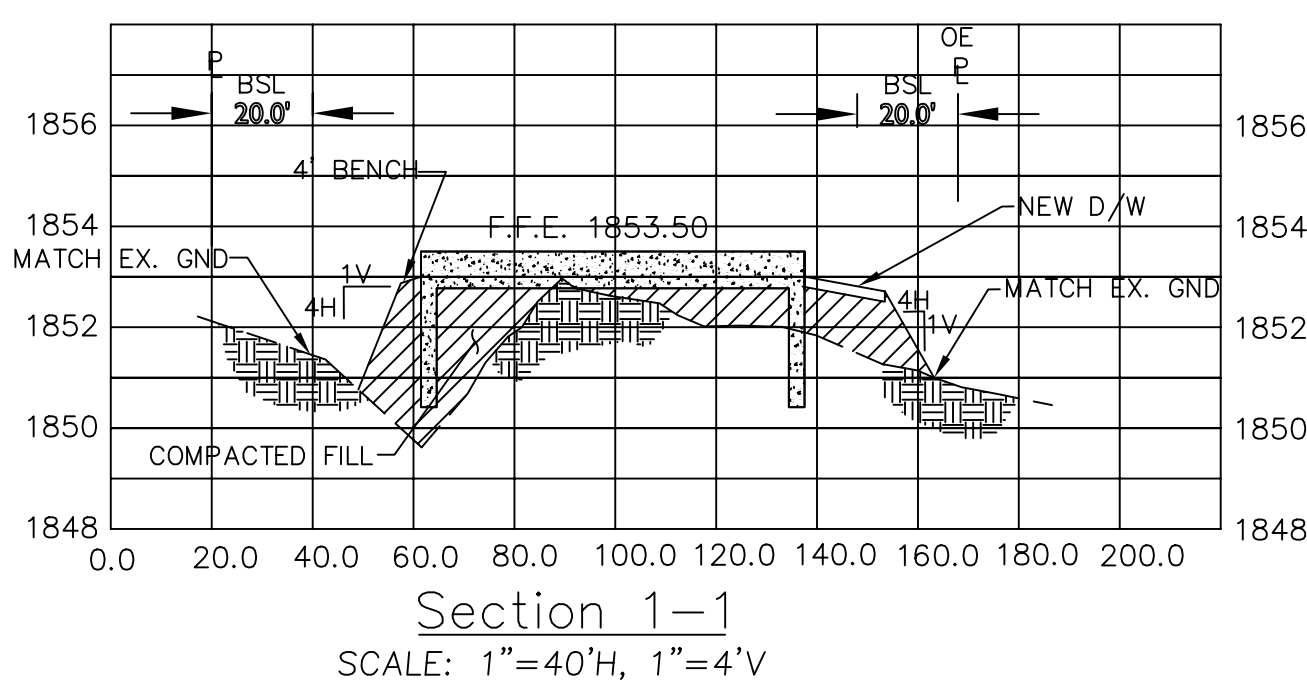
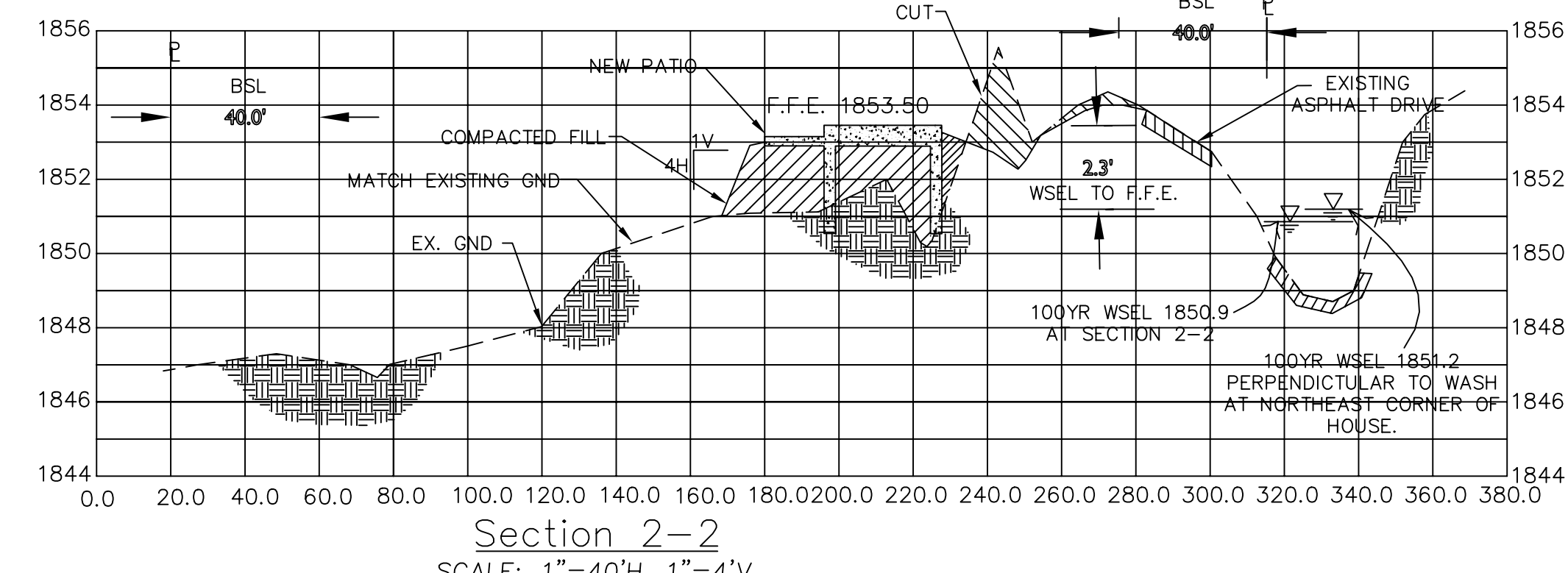
BENCHMARK
BRASS CAP IN A POT HOLE AT THE WEST QUARTER CORNER OF SECTION 33, T2N, R7E, EL =1816.52 NAVD 1988

TBM
TOP WATER VALVE BOX EL= 1851.71 NAVD 1988

LEGAL DESCRIPTION

APN: XXX-XX-XXX

THAT PORTION OF THE SOUTH HALF OF THE SOUTHWEST QUARTER OF SECTION 33, TOWNSHIP 2 NORTH, RANGE 7 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY ARIZONA, DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHWEST CORNER OF THE SOUTHWEST QUARTER OF SECTION 33, FROM WHICH A FOUND GLO BRASS CAP AT THE SOUTHEAST CORNER OF SAID SECTION 33, BEARS 89° 47' 39" EAST (BASIS OF BEARING), 1319.71 FEET; THENCE N 89° 47' 39" W, ALONG THE SOUTH LINE OF SAID SOUTHWEST QUARTER 45.78 FEET TO A POINT ON THE RIGHT OF WAY LINE OF 90TH STREET; THENCE N 13° 8' 25" E, ALONG SAID WEST RIGHT OF WAY LINE, 87.29 FEET TO THE BEGINNING OF A TANGENT CURVE TO THE RIGHT; THENCE NORTHEASTERLY, ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 31° 5' 51", AN ARC DISTANCE OF 82.62 FEET TO A POINT ON SAID WEST RIGHT OF WAY LINE; THENCE N 44° 9' 17" E, 102.9 FEET TO A POINT ON SAID WEST RIGHT OF WAY LINE; THENCE N 33° 58' 33" E, 161.61 FEET TO A POINT ON SAID RIGHT OF WAY LINE; THENCE N 89° 47' 39" W, 505.92 FEET TO A POINT ON THE WEST LINE OF THE EAST HALF OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SAID SOUTHWEST QUARTER; THENCE CONTINUING N 00° 6' 41" W, ALONG SAID WEST LINE, 147.53 FEET TO A SET 1/2" IRON BAR WITH A CAP MARKED "RLS 25090" AT THE TRUE POINT OF BEGINNING; THENCE CONTINUING N 00° 6' 41" W, ALONG SAID WEST LINE, 147.53 FEET TO A SET 1/2" IRON BAR WITH A CAP MARKED "RLS 25090" ON THE NORTH LINE OF THE SOUTH HALF OF THE SOUTH HALF OF SAID SOUTHWEST QUARTER; THENCE S 89° 47' 47" E, ALONG SAID NORTH LINE 295.26 FEET TO A SET 1/2-INCH BAR WITH A CAP MARKED "RLS 25090"; THENCE S 00° 6' 41" E, 147.54 FEET, TO A SET 1/2-INCH IRON BAR WITH A CAP MARKED "ELS 25090"; THENCE N 89° 47' 43" W, 295.26 FEET TO THE TRUE POINT OF BEGINNING.



CONSTRUCTION NOTES

- 1 NEW 4" THICK CONCRETE DRIVEWAY
- 2 CONCRETE WALKWAY
- 3 NEW 1" SCH 40 PVC WATERLINE
- 4 NEW RESIDENCE, SEE ARCHITECT PLANS
- 5 NEW WELL BY OWNER
- 6 NEW Rip Rap D50 = 1"
- 7 NEW RETAINING WALL SEE DETAIL A THIS SHEET

QUANTITIES

DRIVEWAY 2540 SF
RIP RAP 1.0 CY

EARTHWORK

CUT 120 CY
FILL 250 CY

EARTHWORK ESTIMATE IS FOR PERMITTING PURPOSES ONLY, CONTRACTOR TO VERIFY QUANTITY.

AREAS
LOT 43,573 S.F.=1.001 ACRES
TOTAL UNDER ROOF 4,181 S.F.

COVERAGE
4181/43573 = 9.6%
ALLOWED 20%

ZONING
R1-35

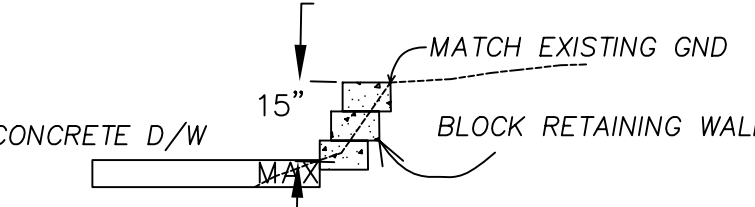
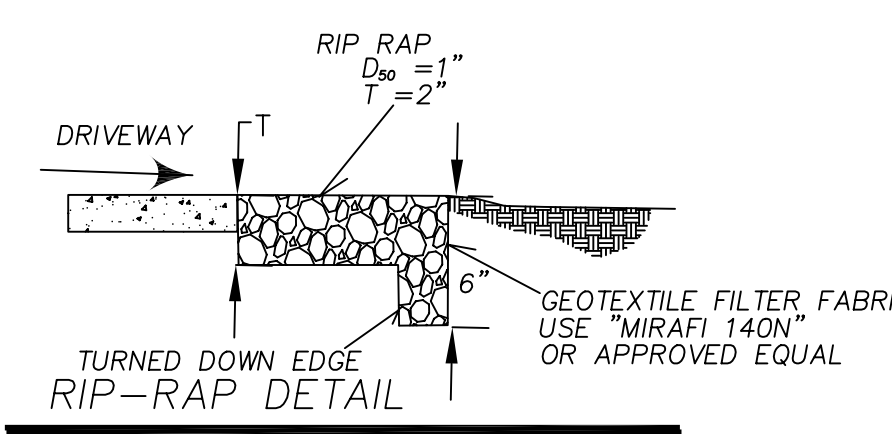
DEED
M.C.R. 2011-00XXXXX
A.P.N. XXX-XX-XXX

EGRESS/INGRESS EASEMENT M.C.R. #2003XXXXXXX



MARICOPA COUNTY GRADING AND DRAINAGE NOTES

1. REFERENCE MARICOPA COUNTY PERMIT FOR ADDITIONAL CONDITIONS.
2. HISTORIC DRAINAGE PATTERNS SHALL BE MAINTAINED AS SHOWN ON THE APPROVED PLANS.
3. ANY WORK PERFORMED WITHOUT APPROVAL OF THE COUNTY OR AFFECTED UTILITY COMPANY AND/OR ALL WORK AND MATERIAL NOT IN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE OWNER'S EXPENSE.
4. THE ISSUANCE OF ANY CONSTRUCTION PERMIT SHALL NOT RELIEVE THE OWNER OR OWNER'S AGENT FROM COMPLIANCE WITH ALL OTHER GOVERNMENTAL REGULATIONS INCLUDING BUT NOT LIMITED TO ZONING & BUILDING REQUIREMENTS.
5. AS SPECIFIED IN THE PERMIT CONDITIONS, CONTACT MARICOPA COUNTY TO SCHEDULE AN IN-PROGRESS INSPECTION FOR ALL RIP-RAP, FILTER FABRIC, AND/OR GRAVEL UNDERLAYMENT AFTER EXCAVATION AND PRIOR TO PLACEMENT OF ANY MATERIAL.
6. ADDITIONAL INSPECTIONS AND/OR RE-INSPECTIONS SHALL BE ASSESSED ADDITIONAL FEES IN CONFORMANCE WITH ADOPTED FEE SCHEDULES.
7. RIP-RAP AREAS SHALL BE OVER-EXCAVATED SUCH THAT TOP OF RIP-RAP MEETS ADJACENT GRADE.
8. DRAINAGE OPENINGS IN CMU WALLS SHALL BE AS SHOWN ON THE APPROVED PLANS OR NON-DECORATIVE TURNED BLOCK, EVERY OTHER BLOCK AT GRADE. IF TWO BLOCKS NEXT TO EACH OTHER ARE NOT TURNED, TWO TURNED BLOCKS NEXT TO EACH OTHER SHALL THEN FOLLOW.
9. SHOULD ANY PROPOSED DEVELOPMENT REQUIRE CLARIFICATION AS DETERMINED BY MARICOPA COUNTY, A PLAN ADDENDUM SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER SHALL BE SUBMITTED FOR APPROVAL. SUBMITTAL OF AN ADDENDUM MAY REQUIRE FORMAL PLAN MODIFICATION AS DEEMED BY MARICOPA COUNTY.
10. ALL FILL SHALL MEET MAG SPECIFICATION 211 AT A MINIMUM.
11. ALL CONSTRUCTION SHALL MEET OR EXCEED CURRENT MAG SPECIFICATIONS AND STANDARDS.
12. AN APPROVED SET OF PLANS SHALL BE MAINTAINED ON THE JOB SITE AT ALL TIMES PERMIT IS ACTIVE.
13. OMISSIONS OR CONFLICTS BETWEEN VARIOUS ELEMENTS OF THE DRAWINGS, NOTES, AND DETAILS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD AND RESOLVED WITH MARICOPA COUNTY PRIOR TO PROCEEDING WITH THE WORK.



DETAIL A

NTS

FINISH FLOOR CERTIFICATION

"FINISH FLOORS ARE FREE FROM INUNDATION DURING THE 100-YEAR PEAK RUN-OFF EVENT IF CONSTRUCTED IN ACCORDANCE WITH APPROVED PLANS."

FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

COMMUNITY NUMBER	PANEL #	SUFFIX	DATE OF FIRM	FIRM ZONE	BASE FLOOD ELEVATION
04013C	2210	F	9/30/05	X	N/A

DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION R4-30-301 OF THE RULES OF THE ARIZONA STATE BOARD OF TECHNICAL REGISTRATION, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK OF THE PROJECT DRAWINGS AND SPECIFICATIONS BY MARICOPA COUNTY IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR THE PROJECT DESIGN.

NAME: MICHAEL J. ROBERTS
LIC. NO. 35920 DATE: 7-6-12
EXP. 3-31-13

CK#	DESCRIPTION	OWNER
DATE		GRADING AND DRAINAGE PLAN
REV.		4615 E. Sunrise Dr. Phoenix, AZ 85044 P: 602-400-0810 F: 480-753-6362 E: delrioeng@yahoo.com
		18328 E. SUNNYDALE DR. QUEENCREK, AZ 85142
		Del Rio Engineering Inc.
		JOB# 12005 DESIGN BY: MJR CHK'D BY: MJR DATE: 7/12 SCALE: AS SHOWN