

GENERAL NOTES

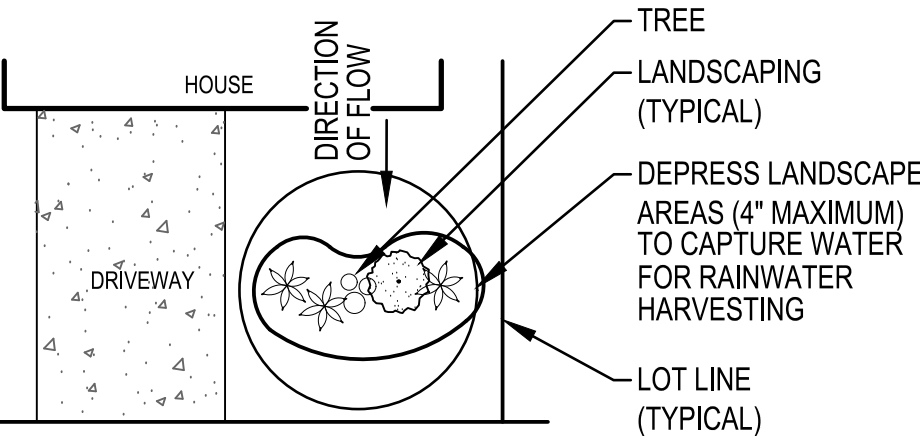
- TOTAL AREA OF ALL NEW IMPERVIOUS SURFACES INCLUDING PAVEMENTS, SIDEWALKS, HARDSCAPE AND BUILDINGS IS 5.32 AC (231,710 S.F.)
- TOTAL VOLUME OF RAINWATER HARVESTING PROVIDED IS 11,130 CUBIC FEET.
- RAINWATER HARVESTING MEASURES EMPLOYED FOR THIS DEVELOPMENT CONSISTS OF THE FOLLOWING:
 - RAINWATER HARVESTING BASINS
 - DEPRESSED LANDSCAPE AREAS
- ALL RAINWATER HARVESTING MEASURES SHOWN ON THIS PLAN SHALL BE INTERGRATED INTO THE LANDSCAPE INSTALLATION AS WELL AS THE SITE GRADING CONSTRUCTION.
- ALL LOTS TO BE GRADED IN ACCORDANCE WITH THE TYPICAL FRONT YARD WATER HARVESTING DETAIL BELOW. DRIVEWAY AND LANDSCAPING MAY BE MIRRORED.
- EIGHTY (80) PERCENT OF ALL AREAS WITHIN LINEAR BUFFER YARDS, RECREATION AREAS AND COMMON AREAS TO BE GRADED TO A MINIMUM FOUR (4) INCHES FOR RAINWATER HARVESTING PURPOSES.
- ONLY THE LOT GRADING SCHEME(S) SHEET 2 IDENTIFIED WITHIN THE APPLICABLE GRADING SCHEME TABLE SHALL BE OFFERED TO THE INDIVIDUAL HOME BUYER FOR EACH LOT LISTED.
- AT CULVERT INLETS, PROVIDE APPROX. 40' L X 20' W X 4" DEEP RECESSED WATER HARVESTING BASIN

RAINWATER HARVESTING REQUIRED

AREA IMPERVIOUS COVER (AC) X 3,000 GAL/AC = VOLUME REQUIRED (GAL)
5.32 AC X 3,000 GAL/AC = 15,960 GALLONS = 2,134 CUBIC FEET

RAINWATER HARVESTING PROVIDED

BASIN 3.0:	924	GALLONS =	132	C.F.
BASIN 4.0:	924	GALLONS =	132	C.F.
BASIN 4.1:	924	GALLONS =	132	C.F.
BASIN 4.2:	924	GALLONS =	132	C.F.
BASIN 5.0:	924	GALLONS =	132	C.F.
BASIN 5.1:	924	GALLONS =	132	C.F.
BASIN 5.2:	924	GALLONS =	132	C.F.
BASIN 6.0:	76,545	GALLONS =	10,206	C.F.
TOTAL:	83,013	GALLONS =	11,130	C.F.

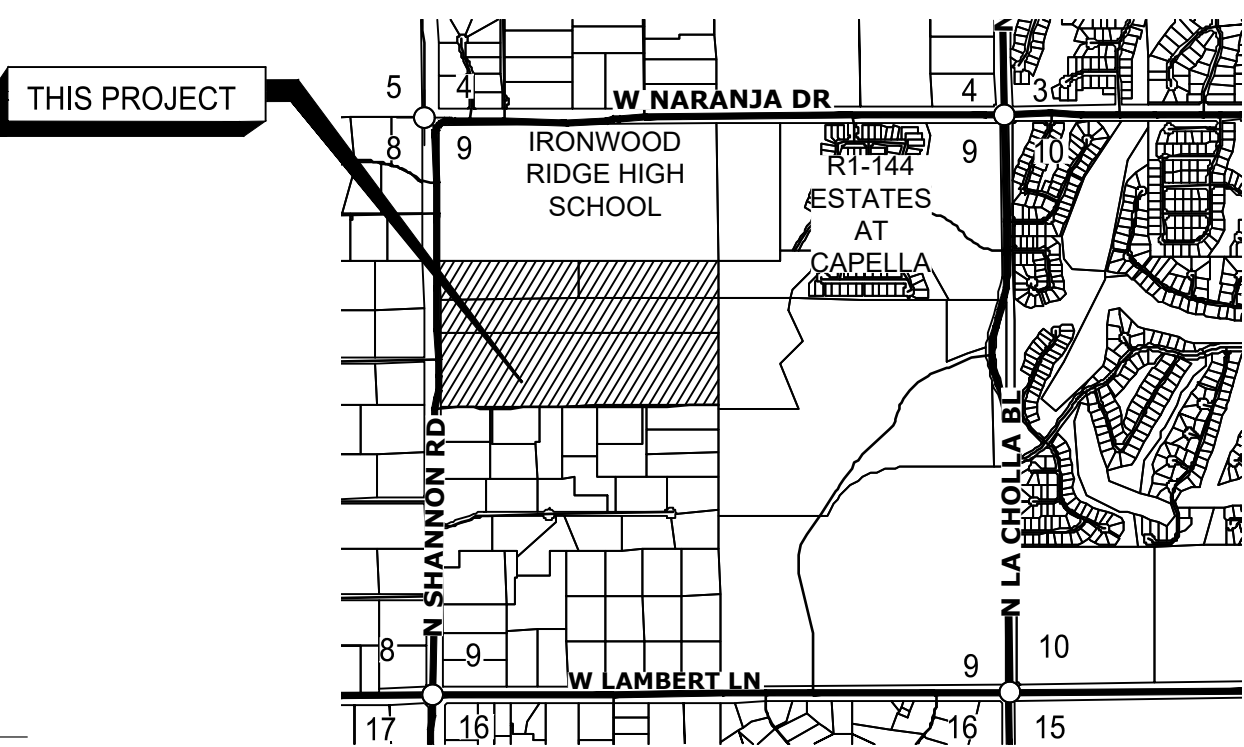
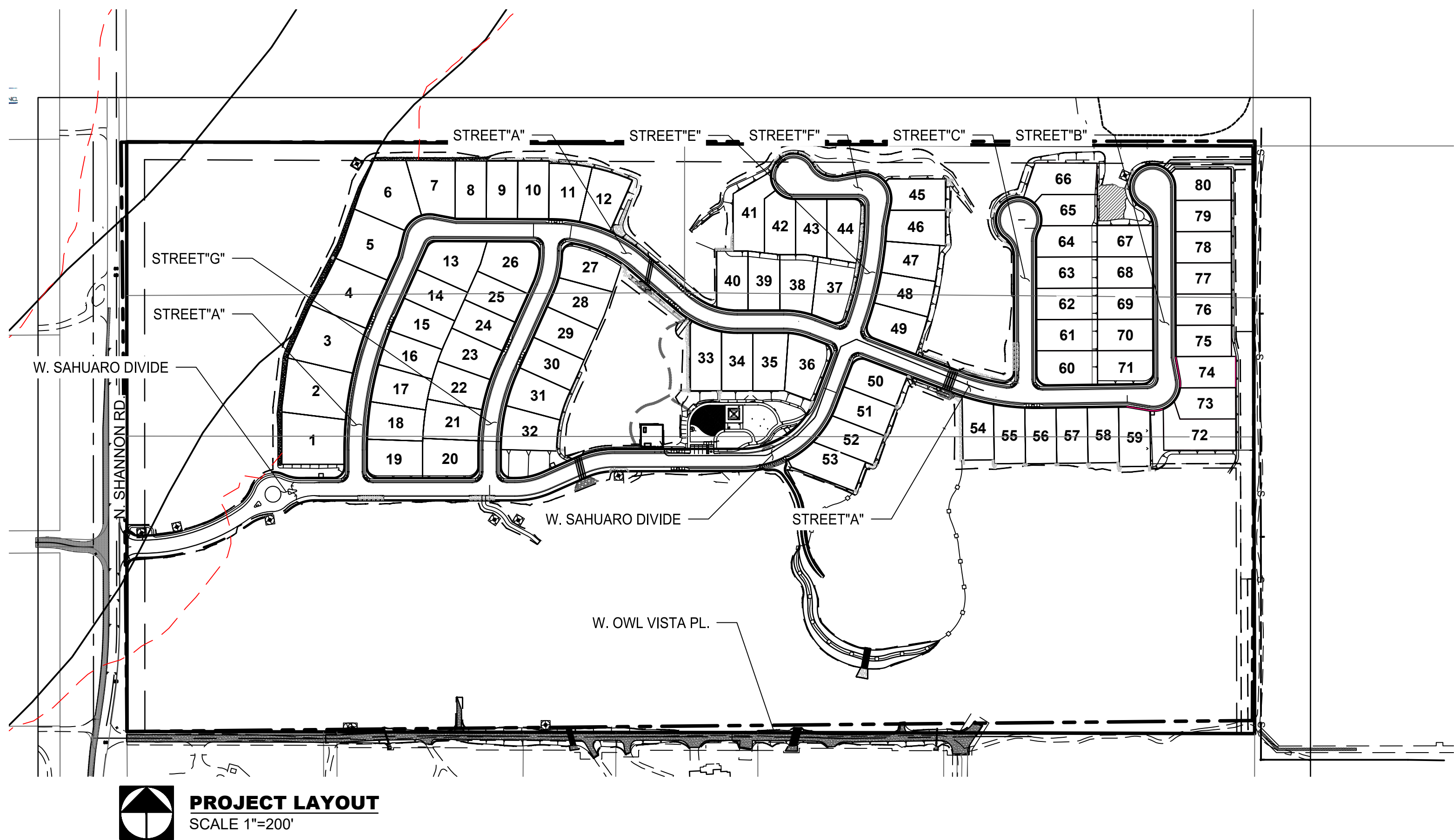


TYPICAL FRONT YARD WATER HARVESTING
SCALE: NTS

SHEET INDEX

SHEET 1	COVER SHEET
SHEET 2	LEGEND
SHEET 3	SITE PLAN
SHEET 4	SITE PLAN
SHEET 5	SITE PLAN
SHEET 6	SITE PLAN
SHEET 7	SITE PLAN

RAINWATER HARVESTING PLAN
SHANNON 80
1900400



LOCATION MAP
A PORTION OF THE SOUTHEAST QUARTER OF SECTION 4,
T. 12 S., R. 13 E., G&SRB&M, TOWN OF ORO VALLEY,
PIMA COUNTY, ARIZONA
SCALE: 3"=1 MILE

LEGEND

- EXISTING 5' CONTOUR
- EXISTING 1' CONTOUR
- PROJECT BOUNDARY
- PROPOSED RIGHT OF WAY
- EXISTING RIGHT OF WAY
- PROPOSED LOT LINE
- EXISTING LOT LINE
- SECTION LINE
- PUBLIC UTILITY EASEMENT
- PROPOSED VERTICAL CURB & GUTTER
- PROPOSED WEDGE CURB
- EXISTING PAVEMENT & CURB
- EXISTING SEWER LINE & MANHOLE
- EXISTING WATERLINE AND VALVE
- PROPOSED 4' WIDE CONCRETE SIDEWALK
- PROPOSED SEWER LINE & MANHOLE
- PROPOSED WATERLINE AND VALVE
- SHEET INDICATOR/SHEET MATCHLINE
- PROPOSED LOT/UNIT NUMBER
- PROPOSED RIP RAP
- 100-YR FLOOD PLAIN LIMITS
- EROSION HAZARD SETBACK
- PROJECT PHASING BOUNDARY
- SINGLE-TRACK TRAIL (SEE RECREATION AREA PLANS)
- CRITICAL RESOURCE AREA
- RIPARIAN DISTURBANCE LIMITS
- SIGHT VISIBILITY TRIANGLE (SVT)
- 404 JURISDICTIONAL WASH AREA
- WATERSHED BOUNDARY

APPROVAL

PLANNING & ZONING ADMINISTRATOR DATE

TOWN ENGINEER DATE

RAINWATER HARVESTING PLAN
SHANNON 80

LOTS 1 THRU 80 AND COMMON AREAS "A" (OPEN SPACE)
AND COMMON AREA "B" (NATURAL OPEN SPACE)
BEING A PORTION OF SECTION 9, TOWNSHIP 12 SOUTH, RANGE 13 EAST
GILA & SALT RIVER MERIDIAN, ORO VALLEY, PIMA COUNTY, ARIZONA

LANDSCAPE ARCHITECT

THE WLB GROUP, INC.
4444 E. BROADWAY BLVD.
TUCSON, AZ. 85711
PHONE: (520) 881-7480
ATTN: GARY GRIZZLE
GGRIZZLE@WLBGROUP.COM

OWNER/DEVELOPER

FAIRFIELD HOMES ARIZONA
3037 W. INA ROAD, STE. 121
TUCSON, AZ 85741
PHONE: (520) 730-6576
ATTN: DAVID WILLIAMSON
DAVIDW@FAIRFIELDHOMES.NET



1900400
REFERENCE CASE NUMBER: OV 1701617
OV 1701072



Engineering Planning Surveying
Landscape Architecture Urban Design
Offices located in Tucson, Phoenix,
and Flagstaff, Arizona,
Las Vegas, Nevada
4444 East Broadway
Tucson, Arizona (520) 881-7480

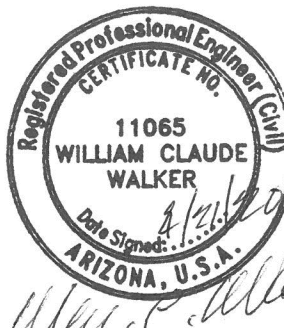
SHANNON 80
SHANNON RD AND OWL VISTA PL
ORO VALLEY, ARIZONA

RAINWATER HARVESTING PLAN

Sheet Title

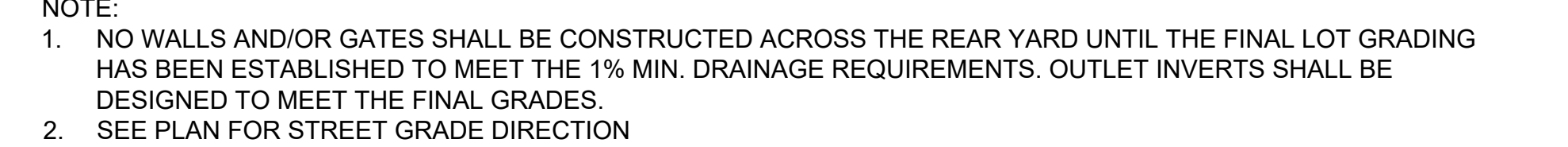
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Job No.	116028-A002
Date	APRIL 2020
Designed By	KB/ML
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Sheet 1

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NOTE:

1. NO WALLS AND/OR GATES SHALL BE CONSTRUCTED ACROSS THE REAR YARD UNTIL THE FINAL LOT GRADING HAS BEEN ESTABLISHED TO MEET THE 1% MIN. DRAINAGE REQUIREMENTS. OUTLET INVERTS SHALL BE DESIGNED TO MEET THE FINAL GRADES.
2. SEE PLAN FOR STREET GRADE DIRECTION.

NOTE:

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2. SEE PLAN FOR STREET GRADE DIRECTION.

PLANT NAME
TREES
CERCIDIUM HYBRID 'DESERT MUSEUM'
DESERT MUSEUM PALO VERDE
CERCIDIUM MICROPHYLLUM
FOOTHILL PALO VERDE
CERCIDIUM MICROPHYLLUM
FOOTHILL PALO VERDE
CERCIDIUM MICROPHYLLUM
FOOTHILL PALO VERDE
CERCIDIUM MICROPHYLLUM
FOOTHILL PALO VERDE
CHILOPSIS LINEARIS 'WARREN JONES'
DESERT WILLOW WARREN JONES
PITHECELLOBIUM FLEXICAULE (EBENOPSIS)
TEXAS EBONY
PROSOPIS VELUTINA
VELVET MESQUITE
PROSOPIS VELUTINA
VELVET MESQUITE
PROSOPIS VELUTINA
VELVET MESQUITE
PROSOPIS VELUTINA
VELVET MESQUITE

SHRUBS	
	ACACIA CONSTRICTA WHITETHORN ACACIA
	ACACIA GREGGII CAT CLAW ACACIA
	CALLIANDRA ERIOPHYLLA PINK FAIRY DUSTER
	CELTIS PALLIDA DESERT HACKBERRY
	CORDIA PARVIFOLIA LITTLE LEAF CORDIA
	DODONEA VISCOSA GREEN HOPSEED BUSH
	LEUCOPHYLLUM FRUTESCENS "HEAVENLY CLOUD" HEAVENLY CLOUD TEXAS RANGER
	VIGUIERA DELTOIDEA GOLDENEYE
	ZIZIPHUS OBTUSIFOLIA GRAYTHORN
	PROTECTIVE FENCING FOR SAGUAROS AND IRONWOOD TREES

	ACCENTS
	AGAVE MURPHEYI MURPHEY'S AGAVE
	CARNEGIEA GIGANTEA SAGUARO
	CARNEGIEA GIGANTEA SAGUARO
	CARNEGIEA GIGANTEA SAGUARO
	DASYLIRION WHEELERI DESERT SPOON
	ECHINOCACTUS GRUSONII BOLDEN BARREL
	EUPHORBIA ANTISYPHILITICA CANDELILLA
	EUPHORBIA RIGIDA GOPHER PLANT
	FEROCACTUS WISLIZENII FISH-HOOK BARREL
	FOUQUIERIA SPLENDENS OCOTILLO
	HESPERALOE PARVIFLORA RED YUCCA
	HESPERALOE PARVIFLORA 'BRAKELIGHTS' BRAKELIGHTS RED YUCCA
	MUHLENBERGIA RIGENS DEER GRASS
	OPUNTIA ENGLEMANII PRICKLY PEAR
	PENIOCREUS GREGGII NIGH-BLOOMING CERUEUS

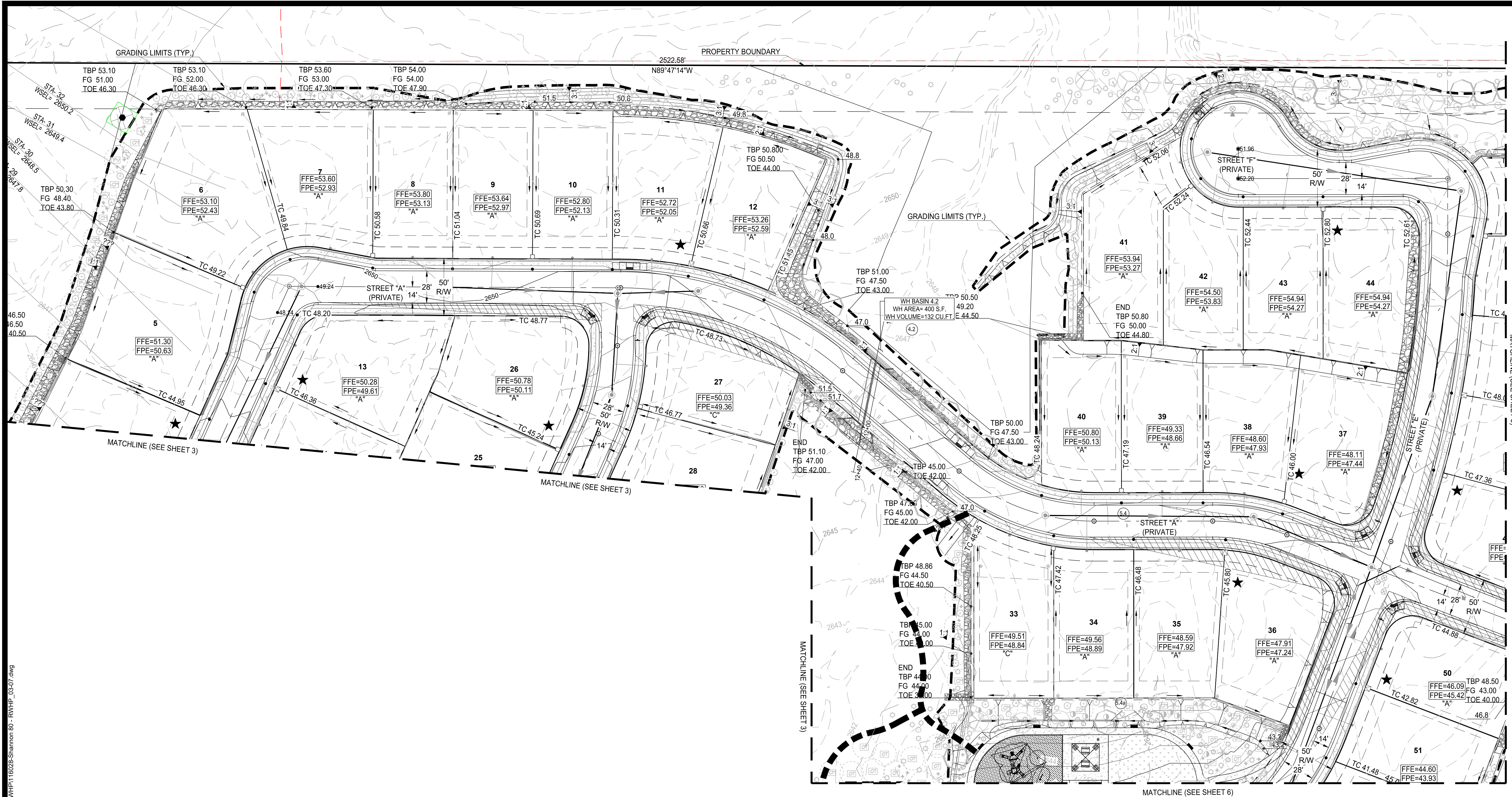
LOT #	LOT TYPE
1	A
2	A
3	A
4	A
5	A
6	A
7	A
8	A
9	A
10	A
11	A
12	A
13	A
14	A
15	A
16	A
17	A
18	A
19	A
20	A
21	A
22	A
23	A
24	A
25	A
26	A
27	C
28	C
29	A
30	A
31	A
32	A
33	C
34	A
35	A
36	A
37	A
38	A
39	A
40	A

LOT #	LOT TYPE
41	A
42	A
43	A
44	A
45	C
46	B
47	A
48	A
49	A
50	B
51	B
52	B
53	A
54	C
55	C
56	C
57	C
58	C
59	C
60	A
61	A
62	A
63	A
64	A
65	A
66	A
67	A
68	A
69	A
70	A
71	A
72	B
73	A
74	A
75	A
76	A
77	A
78	A
79	A
80	A

LOTS 1 THRU 80 AND COMMON AREAS "A" (OPEN SPACE)
AND COMMON AREA "B" (NATURAL OPEN SPACE)
BEING A PORTION OF SECTION 9, TOWNSHIP 12 SOUTH, RANGE 13 EAST
GILA & SALT RIVER MERIDIAN, ORO VALLEY, PIMA COUNTY, ARIZONA



1900400
REFERENCE CASE NUMBER: OV 1701617
OV 1701072



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The WLB Group Inc. Engineering Planning Surveying Landscape Architecture Urban Design Offices located in Tucson, Phoenix, and Flagstaff, Arizona. 4444 East Broadway Tucson, Arizona (520) 881-7480

SHANNON 80 SHANNON RD AND OWL VISTA PL ORO VALLEY, ARIZONA Project

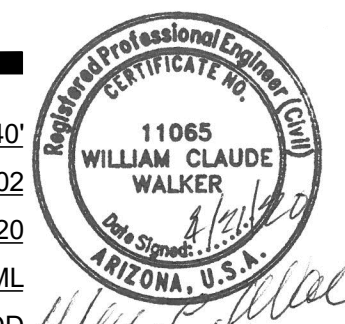
RAINWATER HARVESTING PLAN Sheet Title



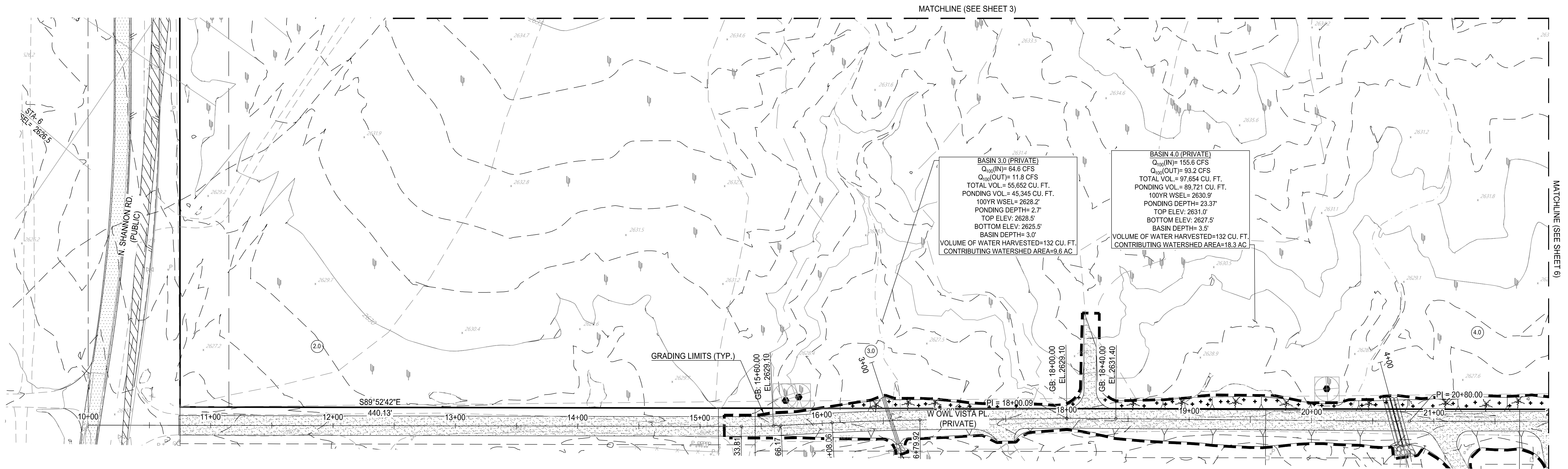
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RAINWATER HARVESTING PLAN SHANNON 80 LOTS 1 THRU 80 AND COMMON AREAS "A" (OPEN SPACE) AND COMMON AREA "B" (NATURAL OPEN SPACE) BEING A PORTION OF SECTION 9, TOWNSHIP 12 SOUTH, RANGE 13 EAST GILA & SALT RIVER MERIDIAN, ORO VALLEY, PIMA COUNTY, ARIZONA

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			Job No.	116028-A002
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RAINWATER HARVESTING PLAN

SHANNON 80

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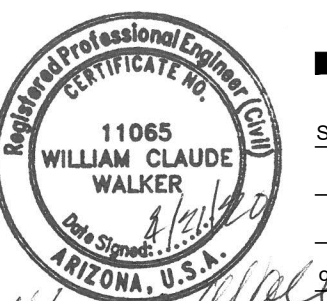
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RAINWATER HARVESTING PLAN

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Sheet 7