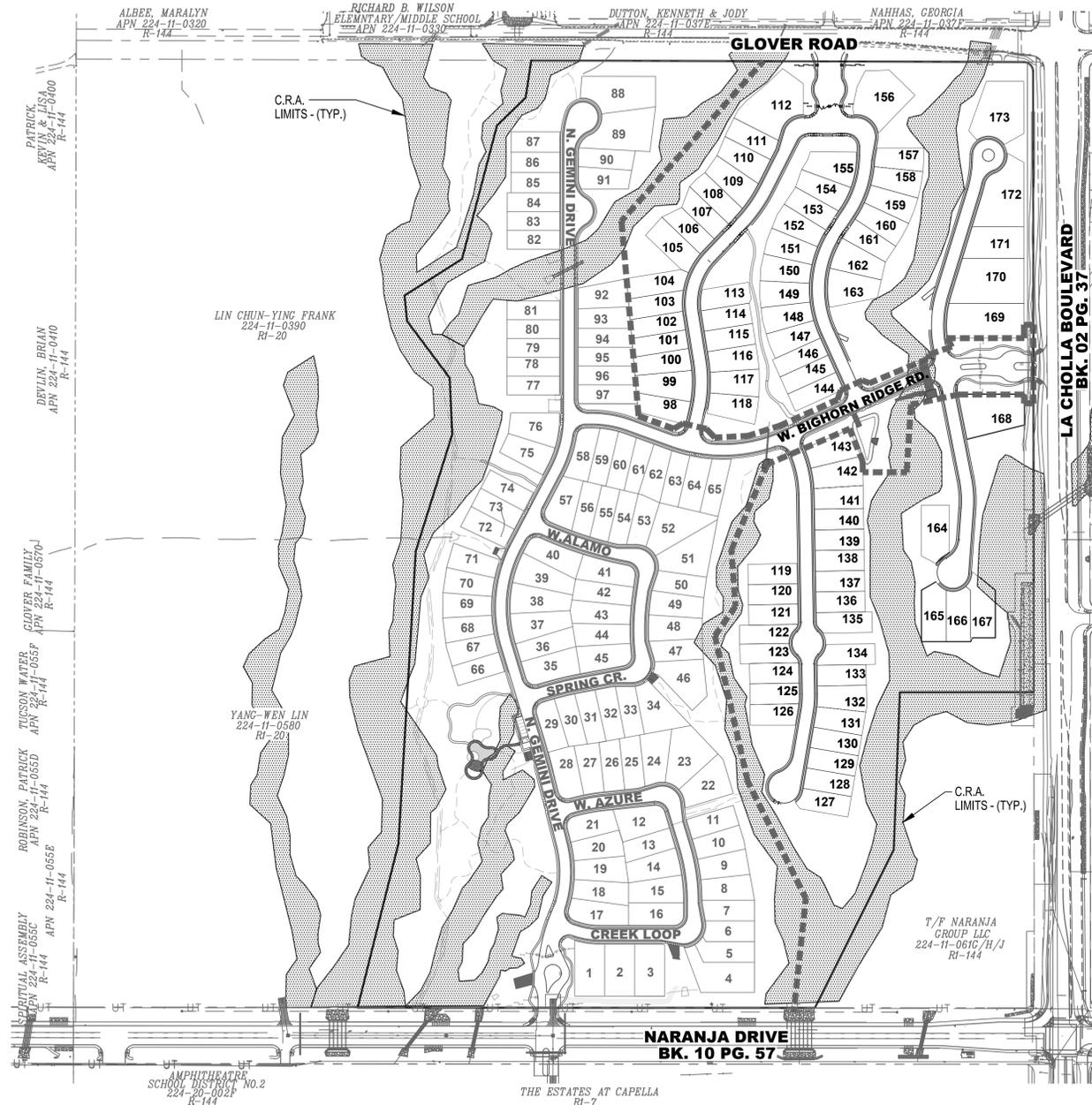


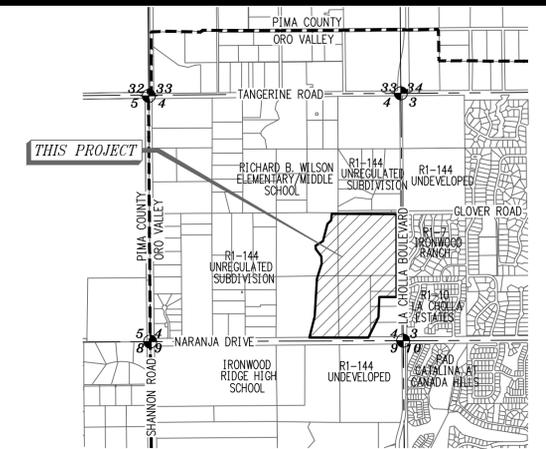
GENERAL NOTES

1. THE GROSS AREA OF THIS DEVELOPMENT IS 37.93 ACRES.
2. TOTAL GRADED AREA IS 31.51± ACRES.
3. TOTAL UNDISTURBED AREA = 6.42 ± ACRES.
4. COMMON AREAS / OPEN SPACE SHALL BE OWNED AND MAINTAINED BY THE H.O.A.
5. EXISTING ZONING IS R1-7.
6. SETBACKS REQUIRED/PROVIDED: FRONT=15 FEET AS LONG AS A 20' ON-LOT DRIVEWAY IS PROVIDED, SIDE=5 FEET, REAR=20 FEET.
7. BUFFERYARD TYPES: BUFFERYARD "A" NORTH, SOUTH AND SOUTHEAST. BUFFERYARD "B" EAST AND SOUTH. SEE TABLE ON SHEET 2.
8. ASSURANCES FOR LANDSCAPING AND RE-VEGETATION BONDS MUST BE POSTED PRIOR TO ISSUANCE OF GRADING PERMITS.
9. PROPERTY OWNER SHALL MAINTAIN BUFFERYARD PLANTINGS TO ENSURE UNOBSTRUCTED VISIBILITY TO MOTORISTS. ALL SHRUBS, ACCENTS, AND GROUNDCOVERS SHALL NOT EXCEED THIRTY (30) INCHES IN HEIGHT WITHIN SITE VISIBILITY TRIANGLES. TREES WITHIN SITE VISIBILITY TRIANGLES WILL BE MAINTAINED TO ENSURE THAT BRANCHES / FOLIAGE ARE NOT BELOW A HEIGHT OF SIX (6') FEET.
10. IN THE EVENT OF ABANDONMENT OF THE SITE AFTER GRADING / DISTURBANCE OF NATURAL AREAS, DISTURBED AREAS SHALL BE RE-VEGETATED WITH A NON-IRRIGATED HYDRO SEED MIX FROM OVZCR ADDENDUM D: APPROVED REVEGETATION SEED MIX.
11. ALL PLANT MATERIAL SHALL MEET THE MINIMUM STANDARDS CONTAINED IN THE CURRENT EDITIONS OF THE ARIZONA NURSERY ASSOCIATION'S GROWERS COMMITTEE RECOMMENDED TREE SPECIFICATIONS AND THE AMERICAN ASSOCIATION OF NURSEYMEN AS TO SIZE, CONDITION AND APPEARANCE.
12. PROPERTY OWNER IS RESPONSIBLE FOR MAINTAINING THE TEMPORARY IRRIGATION SYSTEM AS LONG AS NECESSARY IN ORDER TO TRANSITION PLANTS OVER TO NATURAL SOURCES. ANY PLANT MATERIALS THAT DIE IN TRANSITION, FOR ANY REASONS, SHALL BE REPLACED IN ACCORDANCE WITH SECTION 27.6.E.4., MAINTENANCE.
13. LANDSCAPE SHALL CONFORM TO ORO VALLEY LANDSCAPE CODE.
14. MITIGATION OF SURVEYED PLANTS IN THE NATIVE PLANT PRESERVATION PLAN WILL BE INCORPORATED INTO THE LANDSCAPE DESIGN.
15. ALL PLANTS TO BE IRRIGATED WITH AN UNDERGROUND AUTOMATIC DRIP IRRIGATION SYSTEM.
16. HYDROSEED ALL AREAS DISTURBED BY GRADING OPERATIONS AROUND LOTS AND ALONG ROADS. DECOMPOSED GRANITE SHALL BE PLACED AT ENTRIES.
17. LANDSCAPE AREAS THAT ARE SUSCEPTIBLE TO DAMAGE BY PEDESTRIAN OR AUTO TRAFFIC SHALL BE PROTECTED BY CURBS, TREE GUARDS OR OTHER DEVICES.
18. LANDSCAPE SHALL BE DESIGNED TO MINIMIZE SEDIMENT, SAND AND GRAVEL BEING CARRIED INTO THE STREETS BY STORM WATER OR OTHER RUNOFF.
19. LANDSCAPE DESIGN ENABLES ADEQUATE PLANT SPACING TO ENSURE SURVIVABILITY AT PLANT MATURITY.
20. ALL LANDSCAPED AREAS ARE TO BE FINISHED WITH A NATURAL TOPPING OF AT LEAST TWO (2) INCHES IN DEPTH.
21. TREES AND LARGE SHRUBS SHALL BE ADEQUATELY SUPPORTED WHEN PLANTED.
22. ANY SPADED OR BOXED TREE TRANSPLANTED ON SITE THAT DIES DUE TO NEGLIGENCE OR LACK OF MAINTENANCE SHALL BE REPLACED WITH THE SAME SIZE AND SPECIES OF THE ORIGINAL SALVAGED TREE, AS REQUIRED BY THE SALVAGE PLAN.
23. THE LIMITS OF GRADING SHALL BE STAKED IN THE FIELD, IN ACCORDANCE WITH SECTION 27.6.B.7.c.ii. DISTURBANCE OUTSIDE THE APPROVED GRADING LIMITS SHALL NOT BE PERMITTED.
24. THE DEVELOPER SHALL REPLACE REMOVED OR DAMAGED PLANT MATERIALS WITH LIKE SIZE AND SPECIES, AND SHALL MAINTAIN AND GUARANTEE THE REPLACEMENT PLANT MATERIALS FOR A PERIOD OF THREE (3) YEARS.
25. NO SALVAGE OF PLANTS REGULATED BY THE ENDANGERED SPECIES ACT AND/OR THE ARIZONA NATIVE PLANT LAW MAY OCCUR WITHOUT THE ISSUANCE OF THE APPROPRIATE PERMIT BY THE STATE DEPARTMENT OF AGRICULTURE.
26. DEEP-ROOTED VEGETATION AND TREES SHALL NOT BE PLANTED CLOSER THAN 7.5 FEET FROM A PUBLIC WATER LINE. EXCEPTIONS FOR ALTERNATIVE DESIGN SOLUTIONS SUCH AS ROOT BARRIERS SHALL BE CONSIDERED ON A CASE BY CASE BASIS.

FINAL LANDSCAPE PLAN SAGUAROS VIEJOS EAST (PHASE 2) 1902999



PROJECT LAYOUT
SCALE 1"=200'



LOCATION MAP
A PORTION OF THE SOUTHEAST QUARTER OF SECTION 4, TOWNSHIP 12 SOUTH, RANGE 13 EAST, GILA AND SALT RIVER BASE AND MERIDIAN, TOWN OF ORO VALLEY, PIMA COUNTY, ARIZONA

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

APPROVAL

PLANNING & ZONING ADMINISTRATOR DATE

1902999
FINAL LANDSCAPE PLAN
SAGUAROS VIEJOS EAST (PHASE 2)
LOTS 98 THRU 173 AND COMMON AREA "A" (PRIVATE STREETS) AND COMMON AREA "B" (LANDSCAPED & NATURAL OPEN SPACE, DRAINAGE & RECREATION AREA)
BEING A PORTION OF SECTION 4, TOWNSHIP 12 SOUTH, RANGE 13 EAST GILA & SALT RIVER MERIDIAN, ORO VALLEY, PIMA COUNTY, ARIZONA

SHEET INDEX

SHEET 1	COVER SHEET	SHEET 10	IRRIGATION PLAN
SHEET 2	OVERALL SITE PLAN	SHEET 11	IRRIGATION PLAN
SHEET 3	PLANTING LEGEND	SHEET 12	IRRIGATION DETAILS
SHEET 4 THRU 7	PLANTING PLAN	SHEET 13	IRRIGATION DETAILS
SHEET 8	LANDSCAPE DETAILS	SHEET 14	IRRIGATION SPECIFICATIONS
SHEET 9	LANDSCAPE SPECIFICATIONS	SHEET 15	NORTH ENTRY HARDSCAPE
		SHEET 16	FENCE AND GATE DETAILS

LANDSCAPE ARCHITECT

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

OWNER

CHANG CHIA-JUNG, YANG-WEN LIN, EMMA & ORSON LIN
6088 W. ARIZONA PAVILIONS DRIVE, SUITE 1
MARANA, AZ 85743
PHONE: (520) 744-8500
ATTN: GREG WEXLER
GREGWEXLER@HOTMAIL.COM

DEVELOPER

MERITAGE HOMES
3275 WEST INA ROAD, SUITE 220
TUCSON, AZ 85741
PHONE: (520) 225-6800
ATTN: LISA HOSKIN
LISA.HOSKIN@MERITAGEHOMES.COM



REFERENCE CASE NUMBERS: OV1701685
OV1602876, OV1802848



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

SAGUAROS VIEJOS EASTSIDE (PHASE 2)
LA CHOLLA BOULEVARD AND NARANJA DRIVE
ORO VALLEY, ARIZONA

FINAL LANDSCAPE PLAN
COVER SHEET

Sheet Title

No.	Date	Item	Scale	AS SHOWN	Sheet	1
			Job No.	199032B005	of	16
			Date	APRIL 2020		
			Designed By	PNR		
			Checked By	GLG		



C:\199032B-005 Sagueros Viejos Ph. 2 Estates\02 Landscape\08 RLP phase 2\199032_SV_E.ph2 - RLP_01 cover.dwg

SIGNIFICANT VEGETATION MITIGATION

MITIGATION OF SIGNIFICANT VEGETATION SHALL BE IN ACCORDANCE WITH SECTION 27.6.B.4.j.
 AMOUNT OF SIGNIFICANT VEGETATION = 26,731 ± SQ. FT.
 AMOUNT OF SIGNIFICANT VEGETATION DISTURBED = 25,667 ± SQ. FT.
 AMOUNT OF SIGNIFICANT VEGETATION UNDISTURBED = 1061 ± SQ. FT. (PRESERVED IN PLACE)
 PERCENTAGE OF SIGNIFICANT VEGETATION DISTURBED = 96%

SIGNIFICANT VEGETATION REMOVED

MITIGATION RATIO	REPLACEMENT TREES	UNDERSTORY VEGETATION REQUIRED (5 PER TREE)
(23) TREES (18) CERCIDIUM MICROPHYLLUM (5) PROSOPIS VELUTINA	46 TREES (18) 48" BOX CERCIDIUM (50%) (18) 36" BOX CERCIDIUM (50%) (5) 48" BOX PROSOPIS (50%) (5) 36" BOX PROSOPIS (50%)	230 UNDERSTORY PLANTS

SIGNIFICANT VEGETATION TO BE PRESERVED IN PLACE (SEE DETAIL 1)

CARNEGIEA GIGANTEA (CG40, CG160, CG250, CG720, CG750, CG770, CG2455)

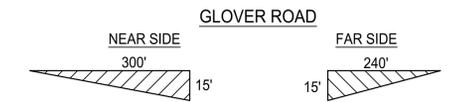
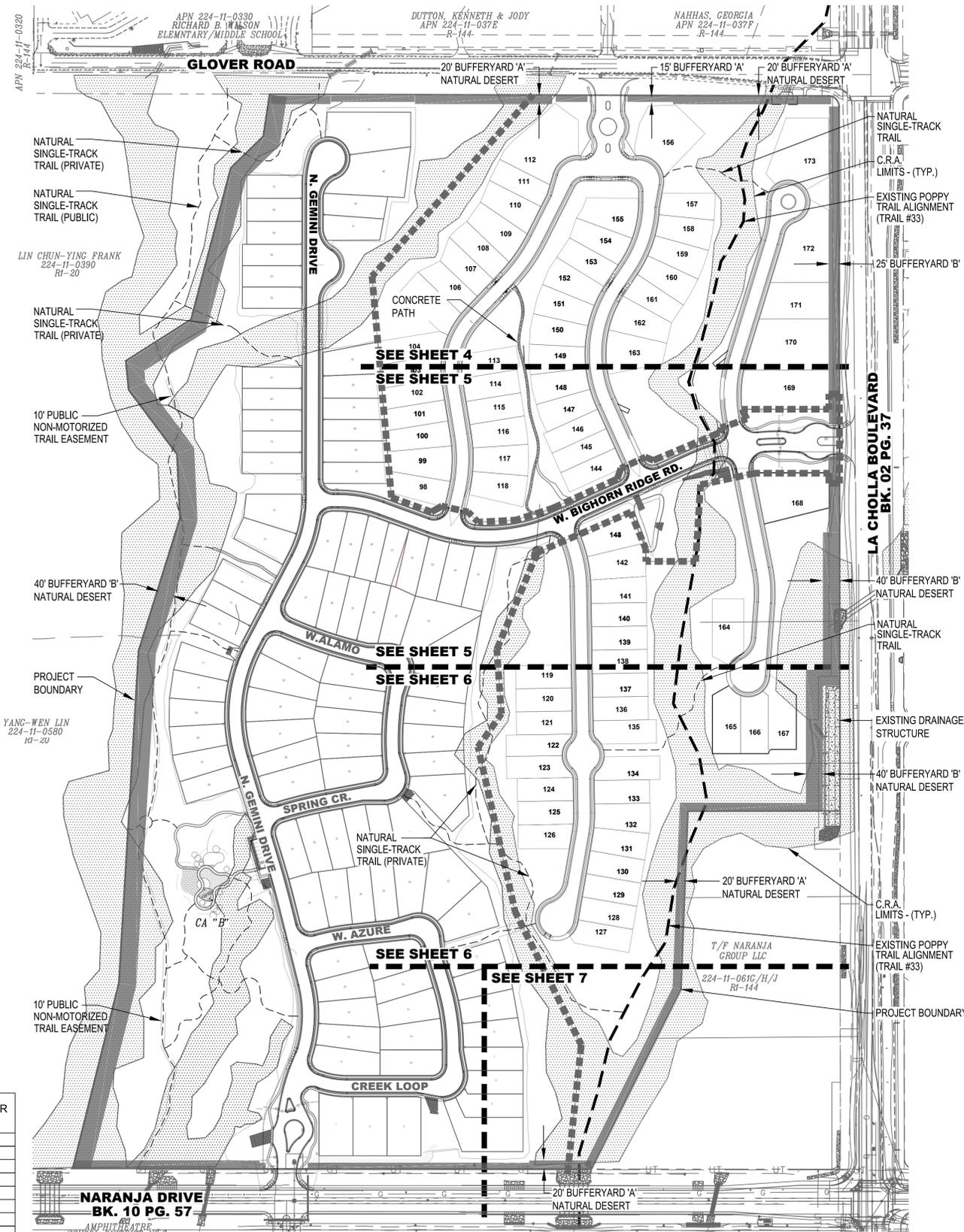
BUFFERYARD NOTES

1. BUFFERYARDS ARE BASED ON REQUIREMENTS OF OVZCR BUFFERYARD TABLE 27-7.
2. LA CHOLLA BLVD. IS CLASSIFIED AS AN ARTERIAL STREET
3. NARANJA DRIVE IS CLASSIFIED AS A COLLECTOR STREET

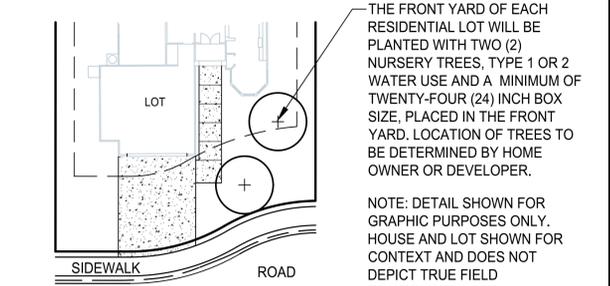
BUFFERYARD	TYPE	WIDTH	PLANTS REQUIRED/100'			PLANTS PROVIDED/100'			GROUND COVER TREATMENT
			TREES	SHRUBS	ACCENTS	TREES	SHRUBS	ACCENTS	
#1 NORTH GLOVER ROAD PRIVATE STREET	'A'	15'	4	4	8	4	4	8	DG/HYDROSEED
#2 NORTH GLOVER ROAD PRIVATE STREET	'A'	20'	NATURAL DESERT			NATURAL DESERT			
#3 EAST LA CHOLLA BLVD. PUBLIC STREET	'B'	25'	4	5	10	4	5	10	DG/HYDROSEED
#4 EAST R1-144 RESIDENTIAL	'A'	20'	NATURAL DESERT			NATURAL DESERT			
#5 SOUTH NARANJA DRIVE PUBLIC STREET	'A'	25'	4	4	8	4	4	8	DG/HYDROSEED
#6 SOUTH NARANJA DRIVE PUBLIC STREET	'A'	20'	NATURAL DESERT			NATURAL DESERT			
#7 WEST R1-20 RESIDENTIAL	'B'	40'	NATURAL DESERT			NATURAL DESERT			

NATIVE PLANT SUMMARY

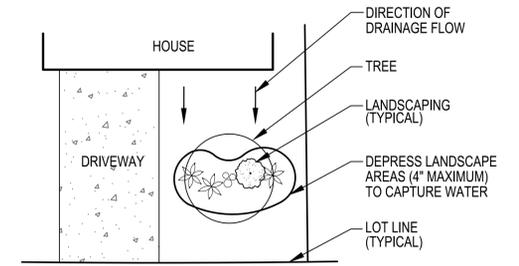
BOTANICAL NAME	COMMON NAME	BLUE RIBBON	RED RIBBON	WHITE RIBBON	TOTAL PER PLANT
		TRANSPLANT	DESTROY	PRESERVE IN PLACE	
ACACIA CONSTRICTA	WHITETHORN ACACIA	14	139	0	153
ACACIA GREGGII	CAT CLAW ACACIA	8	18	0	26
CARNEGIEA GIGANTEA	SAGUARO	283	6	7	296
CELTIS PALLIDA	DESERT HACKBERRY	7	6	0	13
CERCIDIUM MICROPHYLLUM	FOOTHILL PALO VERDE	29	194	0	223
FEROCACTUS WISLIZNEII	FISH-HOOK BARREL	212	48	0	260
FOUQUIERIA SPLENDENS	OCOTILLO	2	0	0	2
PENIOCEREUS GREGGII	NIGHT-BLOOMING CEREUS	6	0	0	6
PROSOPIS VELUTINA	MESQUITE	5	73	0	78
YUCCA ELATA	SOAP TREE YUCCA	1	0	0	1
ZIZYPHUS OBTUSIFOLIA	GREYTHORN	4	1	0	5
TOTAL		571	485	7	1063



3 TYPICAL SIGHT VISIBILITY TRIANGLES
SCALE: NTS



2 TYPICAL FRONT YARD PLANTING
SCALE: NTS



NOTE: WATER HARVESTING SHALL BE NO CLOSER THAN 10' FROM THE STRUCTURE FOUNDATION

1 TYPICAL FRONT YARD WATER HARVESTING
SCALE: NTS

1902999
FINAL LANDSCAPE PLAN
SAGUAROS VIEJOS EAST (PHASE 2)
 LOTS 98 THRU 173 AND COMMON AREA "A" (PRIVATE STREETS) AND COMMON AREA "B" (LANDSCAPED & NATURAL OPEN SPACE, DRAINAGE & RECREATION AREA)
 BEING A PORTION OF SECTION 4, TOWNSHIP 12 SOUTH, RANGE 13 EAST GILA & SALT RIVER MERIDIAN, ORO VALLEY, PIMA COUNTY, ARIZONA

Q:\190321B-005 Sagueros Viejos Ph. 2 Estates\02 Landscape\08 RLP phase 2\190302_SV_E.ph2_FLP_02 overall.dwg



REFERENCE CASE NUMBERS: OV1701685
 OV1602876, OV1802848

No.	Date	Item	Scale	1"=150'
			Job No.	199032B005
			Date	APRIL 2020
			Designed By	PNR
			Checked By	GLG



PLANT MATERIAL / WATER USE SCHEDULE

SYMBOL	PLANT NAME	QUANTITY	SIZE	WATER USE TYPE (NEEDS)	ADWR ANNUAL USE AT MATURITY (GALLONS)	ANNUAL WATER USE QUANTITY TIMES ADWR ANNUAL USE (GALLONS)	MONTHLY WATER USE ADWR ANNUAL USE DIVIDED BY 12 MONTHS
	TREES						
	CERCIDIUM MICROPHYLLUM	29	TRANSPLANT	1	1,754	50,866	4,239
	FOOTHILL PALO VERDE						
	CERCIDIUM MICROPHYLLUM	25	48" BOX	1	1,754	43,850	3,654
	FOOTHILL PALO VERDE						
	CERCIDIUM MICROPHYLLUM	25	36" BOX	1	1,754	43,850	3,654
	FOOTHILL PALO VERDE						
	CERCIDIUM MICROPHYLLUM	82	15 GALLON	1	1,754	143,828	11,986
	FOOTHILL PALO VERDE						
	CHILOPSIS LINEARIS 'WARREN JONES'	14	15 GALLON	2	5,702	79,828	6,652
DESERT WILLOW WARREN JONES							
	PROSOPIS VELUTINA	5	TRANSPLANT	2	5,702	28,510	2,376
	VELVET MESQUITE						
	PROSOPIS VELUTINA	5	48" BOX	2	5,702	28,510	2,376
	VELVET MESQUITE						
	PROSOPIS VELUTINA	5	36" BOX	2	5,702	28,510	2,376
VELVET MESQUITE							
PROSOPIS VELUTINA	100	15 GALLON	2	5,702	570,200	47,517	
VELVET MESQUITE							

SYMBOL	PLANT NAME	QUANTITY	SIZE	WATER USE TYPE (NEEDS)	ADWR ANNUAL USE AT MATURITY (GALLONS)	ANNUAL WATER USE QUANTITY TIMES ADWR ANNUAL USE (GALLONS)	MONTHLY WATER USE ADWR ANNUAL USE DIVIDED BY 12 MONTHS
	SHRUBS						
	ACACIA CONSTRICTA	14	TRANSPLANT	1	1,754	24,556	2,046
	WHITETHORN ACACIA						
	ACACIA GREGGII	8	TRANSPLANT	1	1,754	14,032	1,169
	CAT CLAW ACACIA						
	CALLIANDRA ERIOPHYLLA	205	5 GALLON	1	70	14,350	1,196
	PINK FAIRY DUSTER						
	CELTIS PALLIDA	7	TRANSPLANT	2	634	4,438	370
	DESERT HACKBERRY						
	CELTIS PALLIDA	218	15 GALLON	2	634	138,212	11,518
	DESERT HACKBERRY						
	CORDIA PARVIFOLIA	74	5 GALLON	1	439	32,486	2,707
	LITTLE LEAF CORDIA						
	DODONEA VISCOSA	34	5 GALLON	1	632	21,488	1,791
	GREEN HOPSEED BUSH						
MAYTENUS PHYLLANTHOIDES	33	5 GALLON	2	158	5,214	435	
MANGLE DULCE							
VIGUIERA DELTOIDEA	159	5 GALLON	2	57	9,063	755	
GOLDENEYE							
ZIZIPHUS OBTUSIFOLIA	4	TRANSPLANT	1	57	228	19	
GRAYTHORN							

SYMBOL	PLANT NAME	QUANTITY	SIZE	WATER USE TYPE (NEEDS)	ADWR ANNUAL USE AT MATURITY (GALLONS)	ANNUAL WATER USE QUANTITY TIMES ADWR ANNUAL USE (GALLONS)	MONTHLY WATER USE ADWR ANNUAL USE DIVIDED BY 12 MONTHS
	ACCENTS						
	AGAVE MURPHEYI	36	5 GALLON	1	110	3,960	330
	MURPHEY'S AGAVE						
	CARNEGIEA GIGANTEA	339	TRANSPLANT	1	2,741	929,199	77,433
	SAGUARO		1-20' TALL				
	CARNEGIEA GIGANTEA	7	PRESERVE	1	2,741	19,187	1,599
	SAGUARO		IN PLACE				
	DASYLIRION WHEELERI	45	5 GALLON	1	110	4,950	413
	DESERT SPOON						
	EUPHORBIA ANTISYPHILITICA	35	5 GALLON	1	2,741	95,935	7,995
	CANDELILLA						
	FEROCACTUS WISLIZENII	281	TRANSPLANTS	1	10	2,810	234
	FISH-HOOK BARREL						
	FOUQUIERIA SPLENDENS	43	(2) TRANSPLANT	1	281	12,083	1,007
	OCOTILLO		8-15 CANE MIN.				
	HESPERALOE PARVIFLORA	102	5 GALLON	1	70	7,140	595
	RED YUCCA						
	NOLINA MICROCARPA	98	5 GALLON	1-2	183	17,934	1,495
BEARGRASS							
PENIOCEREUS GREGGII	6	TRANSPLANT	2	25	150	13	
NIGHT-BLOOMING CEREUS							
YUCCA ELATA	1	TRANSPLANT	1	110	110	9	
SOAP TREE YUCCA							
TOTAL WATER AT MATURITY						2,375,477	197,956

HYDROSEED

HYDROSEED MIX SHALL BE ORO VALLEY APPROVED SEED MIX "D". HYDROSEED SHALL BE APPLIED AS INDICATED TO ALL DISTURBED AREAS NOT OTHERWISE IMPROVED.

AREA TO BE HYDROSEED SHALL INCORPORATE THE USE OF IMPRINTING OR PITTING OF THE SOIL. REVEGETATION IS REQUIRED TO RESTORE NATURAL VEGETATION ON DISTURBED LAND. TIMING OF REVEGETATION SHALL BE PLANTED TO MAXIMIZE AVAILABILITY OF RAINFALL. SEED MIX SHALL BE PER OVZCR ADDENDUM "D", SPECIES AS FOLLOWS:

ORO VALLEY APPROVED REVEGETATION SEED MIX 'D'

Key: A = Annual; P = Perennial; C = Germinates and thrives in the cool season; W = Germinates and thrives in warm season; C/W = Germinates and thrives in cool/warm seasons.

SHRUBS: minimum of 5 PLS/acre	PLS
Acacia constricta, Whitethorn Acacia (P,W)	2.0
Calliandra eriophylla, Fairy Duster (P,C,W)	2.0
Celtis pallida, Desert Hackberry (P,C,W)	2.0
Encelia farinosa, Brittlebush (P,C,W)	1.0
Larrea tridentata [=L. divaricata], Creosote (P,W)	1.0

SMALL PERENNIALS: minimum of 5 PLS/acre	
Baileya multiradiata, Desert Marigold (P,C,W)	2.0
Cassia [= Senna] covesii, Desert Senna (P,W)	1.0
Psilostrophe cooperi, Paper Flower (P,C,W)	2.0
Sphaeralcea ambigua, Desert Globemallow (P,C,W)	1.0
Zinnia pumila, Desert Zinnia (P, C)	2.0

PERENNIAL GRASSES: minimum of 5 PLS/acre	
Aristida purpurea, Purple Three-Awn (P,W)	2.0
Bouteloua curtipendula, Side-Oats Grama (P,W)	1.0
Digitaria californica, Arizona Cottonop (P,W)	1.0
Muhlenbergia porteri, Bush Muhly (P,W)	1.0

ANNUAL HERBS AND GRASSES: minimum of 5PLS/acre	
Erigeron divergens, Spreading Fleabane (A,W)	1.0
Lupinus arizonicus, Arizona Lupine (A,W)	2.0
Orthocarpus purpurascens, Owlclover (A,C)	2.0
Penstemon parryi, Parry's Penstemon (P,A,C,W)	3.0
Salvia columbariae, Chia (A,C)	2.0

DECOMPOSED GRANITE

2" MIN. DEPTH, 4" MINUS, (70% 3/8" MINUS, 30% 2"-4"). COLOR: "APACHE BROWN" AS AVAILABLE FROM KALAMAZOO MATERIALS (520) 575-9601

RIP RAP

RIP RAP COLOR: "APACHE BROWN" AS AVAILABLE FROM KALAMAZOO MATERIALS (520) 575-9601

BOULDERS

SYMBOL	QTY	SIZE (FT.)	COMMENTS
	15	1 X 2 X 2	COLOR: "APACHE BROWN". TO BE HAULED AND INSTALLED BY CONTRACTOR
	10	2 X 2 X 3	
	12	3 X 3 X 3	

LANDSCAPE WATER PLAN

WINTER MONTH	SPRING				SUMMER				MONSOON				WINTER			
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	
YEAR 3:																
CONTINUE TO INCREASE IRRIGATION WATER USE AS NEEDED AS PLANTS MATURE UP TO, BUT NOT EXCEEDING, 100% ADWR VALUE BY END OF YEAR.																
188,059	201,916	211,813	227,650	233,589	233,589	160,345	160,345	184,099	197,956	190,038	186,079					
TOTAL (100% ADWR)											GAL/YEAR					2375477
YEAR 4:																
BEGIN GRADUALLY DECREASING IRRIGATION TO BUFFER MEDIAN AND ROW AREAS IN ORDER TO REACH ZERO IRRIGATION IN THOSE AREAS BY END OF YEAR 5.																
141,044	151,437	158,860	170,737	175,191	175,191	120,259	120,259	138,075	148,467	142,529	139,559					
TOTAL (75% ADWR)											GAL/YEAR					1781608
YEAR 5:																
CONTINUE DECREASING IRRIGATION TO BUFFER, MEDIAN, AND ROW AREAS. BY END OF YEAR 5 IRRIGATION TO BUFFER, MEDIAN AND ROW AREAS MUST BE ZERO AND TOTAL AMOUNT OF WATER USED AT SITE MUST MEET 50% OF ADWR MATURITY VALUE. (AVERAGE MONTHLY WATER USE = 14,837 GAL/MONTH)																
94,029	100,958	105,907	113,825	116,794	116,794	80,172	80,172	92,050	98,978	95,019	93,040					
TOTAL (50% ADWR)											GAL/YEAR					1187739

***PLANTS FROM PHASE 1 REV. #1 INCLUDED IN TABLE ABOVE:**

SIGNIFICANT VEGETATION MITIGATION - APPROVED OV 1802848 PHASE 1 REV. 1

MITIGATION OF SIGNIFICANT VEGETATION SHALL BE IN ACCORDANCE WITH SECTION 27.6.B.4.J. AMOUNT OF SIGNIFICANT VEGETATION = 4,436 ± SQ. FT. AMOUNT OF SIGNIFICANT VEGETATION DISTURBED = 4,436 ± SQ. FT. PERCENTAGE OF SIGNIFICANT VEGETATION DISTURBED = 100%

SIGNIFICANT VEGETATION REMOVED

	MITIGATION RATIO	REPLACEMENT TREES	UNDERSTORY VEGETATION REQUIRED (5 PER TREE)
(2) TREES		4 TREES	20 UNDERSTORY PLANTS
(2) CERCIDIUM MICROPHYLLUM	2:1	(2) 48" BOX TREES (50%) (2) 36" BOX TREES (50%)	

NATIVE PLANT SUMMARY - APPROVED OV 1802848 PHASE 1 REV. 1

BOTANICAL NAME	COMMON NAME	BLUE RIBBON	RED RIBBON	WHITE RIBBON	TOTAL PER PLANT
		TRANSPLANT	DESTROY	PRESERVE IN PLACE	
ACACIA CONSTRICTA	WHITETHORN ACACIA	0	12	0	12
ACACIA GREGGII	CAT CLAW ACACIA	0	2	0	2
CARNEGIEA GIGANTEA	SAGUARO	56	0	0	56
CERCIDIUM MICROPHYLLUM	FOOTHILL PALO VERDE	2	51	0	53
FEROCACTUS WISLIZNEII	FISH-HOOK BARREL	69	11	0	80
PROSOPIS VELUTINA	MESQUITE	0	10	0	10
TOTAL		127	86	0	213

1902999
FINAL LANDSCAPE PLAN
SAGUAROS VIEJOS EAST (PHASE 2)
 LOTS 98 THRU 173 AND COMMON AREA "A" (PRIVATE STREETS) AND COMMON AREA "B" (LANDSCAPED & NATURAL OPEN SPACE, DRAINAGE & RECREATION AREA)
 BEING A PORTION OF SECTION 4, TOWNSHIP 12 SOUTH, RANGE 13 EAST GILA & SALT RIVER MERIDIAN, ORO VALLEY, PIMA COUNTY, ARIZONA



REFERENCE CASE NUMBERS: OV1701685
 OV1602876, OV1802848



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

SAGUAROS VIEJOS EASTSIDE (PHASE 2)
LA CHOLLA BOULEVARD AND NARANJA DRIVE
ORO VALLEY, ARIZONA

FINAL LANDSCAPE PLAN

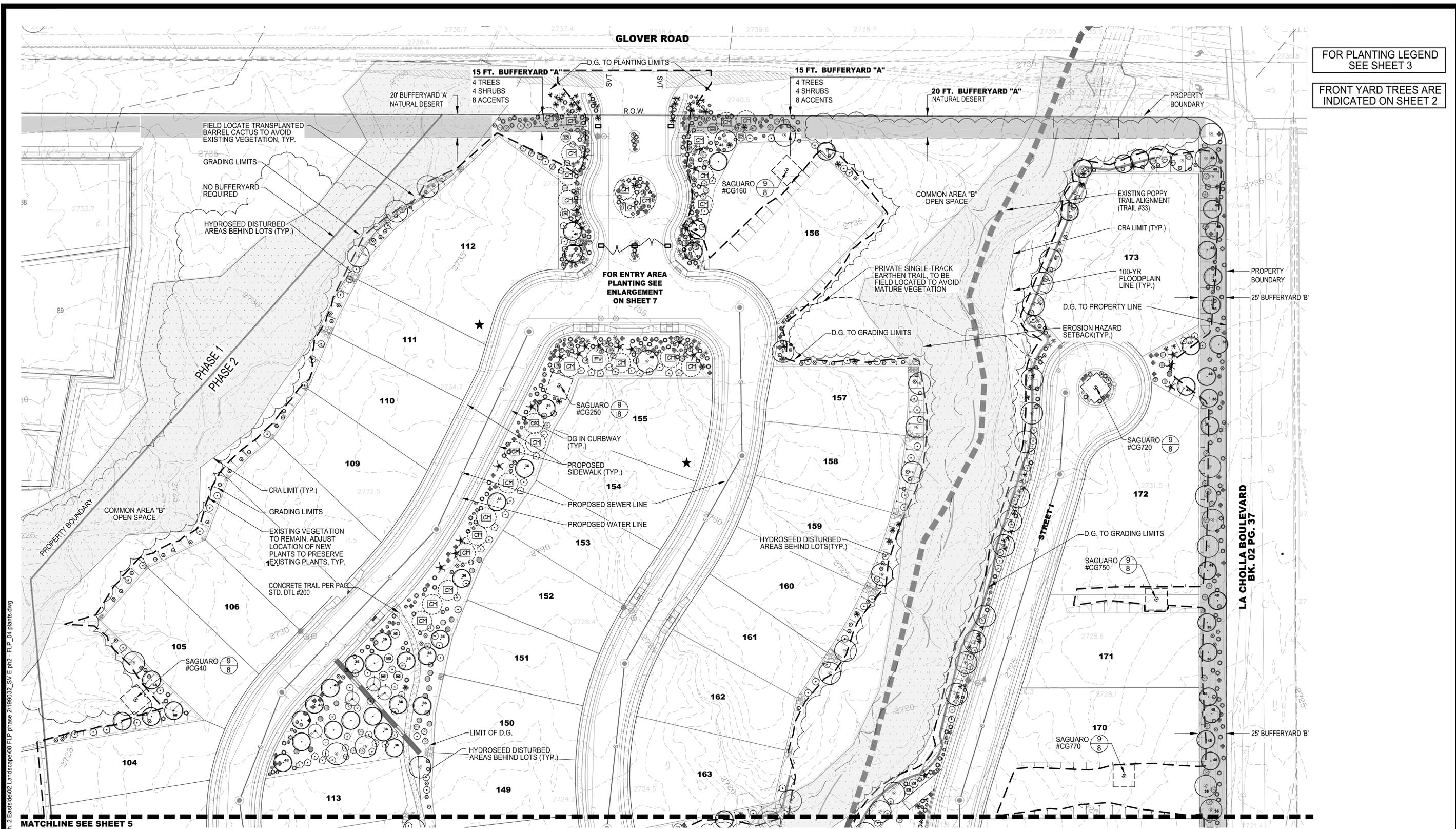
PLANT LEGEND / WATER USE TABLE

Sheet Title

No.	Date	Item	Scale
			Job No. 199032B005
			Date APRIL 2020
			Designed By PNR
			Checked By GLG



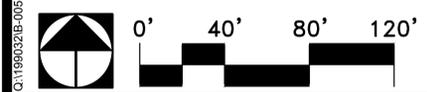
Sheet **3**
 of **16**



FOR PLANTING LEGEND
SEE SHEET 3

FRONT YARD TREES ARE
INDICATED ON SHEET 2

Q:\199032\B-005 Saguaros Viejos Ph. 2 Easements\08 ELP phase 2\199032_SV_E.ph2 - FLP_04 plants.dwg



1902999
FINAL LANDSCAPE PLAN
SAGUAROS VIEJOS EAST (PHASE 2)
 LOTS 98 THRU 173 AND COMMON AREA "A" (PRIVATE STREETS) AND
 COMMON AREA "B" (LANDSCAPED & NATURAL OPEN SPACE, DRAINAGE &
 RECREATION AREA)
 BEING A PORTION OF SECTION 4, TOWNSHIP 12 SOUTH, RANGE 13 EAST
 GILA & SALT RIVER MERIDIAN, ORO VALLEY, PIMA COUNTY, ARIZONA

REFERENCE CASE NUMBERS: OV1701685
 OV1602876, OV1802848

The WLB Group Inc.
 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

SAGUAROS VIEJOS EASTSIDE (PHASE 2)
LA CHOLLA BOULEVARD AND NARANJA DRIVE
ORO VALLEY, ARIZONA

FINAL LANDSCAPE PLAN
PLANTING PLAN

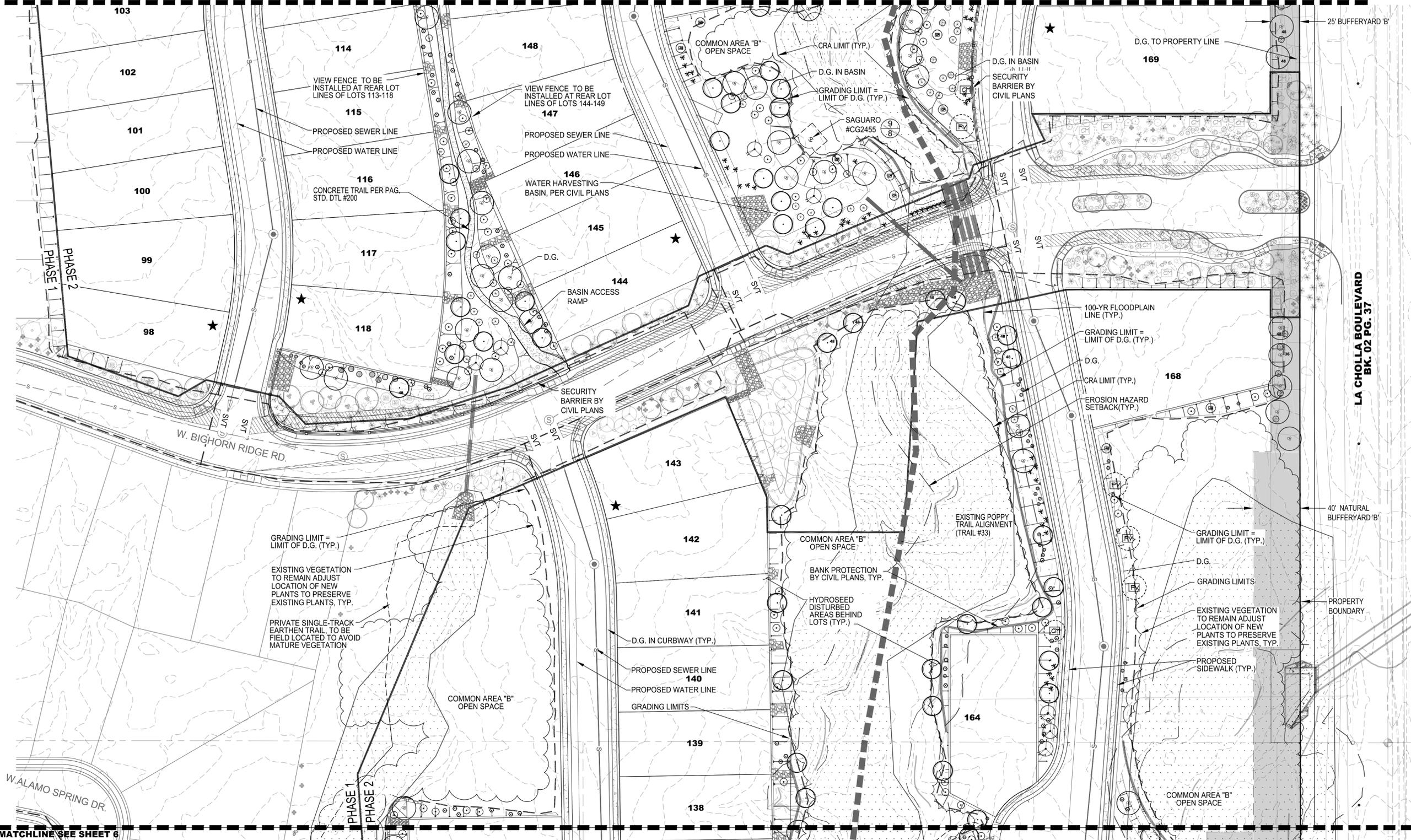
Sheet Title

No.	Date	Item	Scale
			1"=40'
			Job No. 199032B005
			Date APRIL 2020
			Designed By PNR
			Checked By GLG



Sheet **4**
 of **16**

MATCHLINE SEE SHEET 4

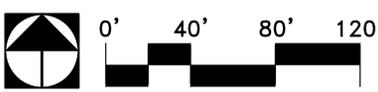


MATCHLINE SEE SHEET 6

FOR PLANTING LEGEND
SEE SHEET 3

FRONT YARD TREES ARE
INDICATED ON SHEET 2

1902999
FINAL LANDSCAPE PLAN
SAGUAROS VIEJOS EAST (PHASE 2)
 LOTS 98 THRU 173 AND COMMON AREA "A" (PRIVATE STREETS) AND
 COMMON AREA "B" (LANDSCAPED & NATURAL OPEN SPACE, DRAINAGE &
 RECREATION AREA)
 BEING A PORTION OF SECTION 4, TOWNSHIP 12 SOUTH, RANGE 13 EAST
 GILA & SALT RIVER MERIDIAN, ORO VALLEY, PIMA COUNTY, ARIZONA



The WLB Group Inc.
 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

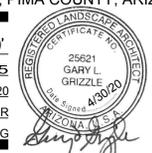
SAGUAROS VIEJOS EASTSIDE (PHASE 2)
LA CHOLLA BOULEVARD AND NARANJA DRIVE
ORO VALLEY, ARIZONA

FINAL LANDSCAPE PLAN
PLANTING PLAN

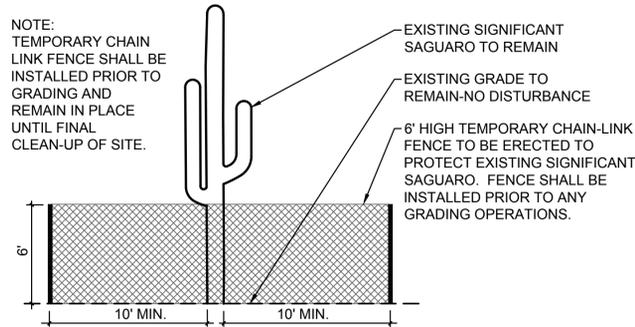


REFERENCE CASE NUMBERS: OV1701685
 OV1602876, OV1802848

No.	Date	Item	Scale	1"=40'
			Job No.	199032B005
			Date	APRIL 2020
			Designed By	PNR
			Checked By	GLG

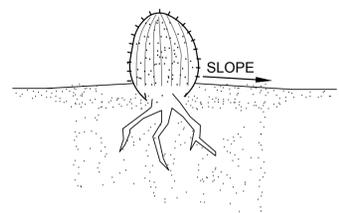


Sheet **5**
 of **16**



9 PROTECTIVE FENCING FOR SIGNIFICANT SAGUAROS PRESERVED IN PLACE PER REZONING CONDITION OF APPROVAL

CARNEGIEA GIGANTEA (CG40, CG160, CG250, CG720, CG750, CG770, CG2455).
SCALE: NTS

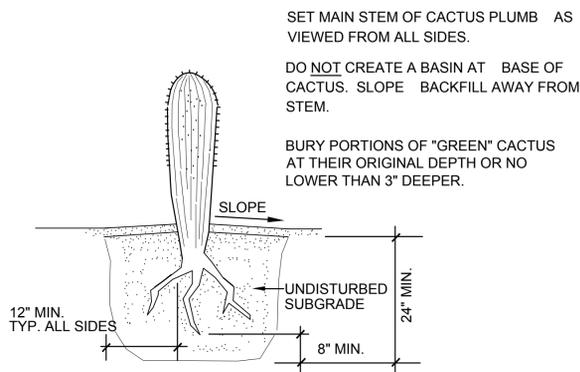


NOTES:

- CLEAN SAND, NO STONES, MORTAR SAND IS RECOMMENDED
- ROOT PRUNE ALL SHRDDED OR DAMAGED ROOTS. ENSURE ALL WOUNDS TO THE ROOT SYSTEM ARE CLEAN CUT PRIOR TO PLANTING. DUST ALL ROOTS WITH SULFUR.
- PLANTING WELL SHALL BE 6" MIN. WIDER THAN THE EXTENT OF THE SEVERED LATERAL ROOTS.
- PLANTING DEPTH SHALL BE THE SAME DEPTH AT WHICH THE PLANT WAS GROWN. (NO MORE THAN 3" DEEPER THAN PREVIOUSLY GROWN) THE TAPERING OF ROOT COLLAR MUST BE VISIBLE ABOVE THE FINISHED GRADE.
- BACKFILL PLANTING WELL WITH DRY NATIVE SOIL TREATED WITH SOIL SULFUR COMPACT SOIL IN 6" LIFTS TO ENSURE THE STABILITY OF THE BARREL CACTUS.
- ALL BARREL CACTUS PLACEMENTS SHALL MATCH ORIGINAL NORTH SIDE FACING NORTH. ANY SUNBURNED BARREL CACTUS SHALL BE REPLACED BY THE LANDSCAPE CONTRACTOR.
- MIST WITH WATER FROM TOP DOWN ONCE A MONTH IF PLANTED DURING HOT SEASON
- AFTER TRANSPLANTING, ALLOW 2-3 WEEKS BEFORE FIRST WATERING.

10 BARREL CACTUS PLANTING DETAIL

SCALE: NTS



NOTES:

- CLEAN SAND, NO STONES, MORTAR SAND IS RECOMMENDED
- ROOT PRUNE ALL SHRDDED OR DAMAGED ROOTS. ENSURE ALL WOUNDS TO THE ROOT SYSTEM ARE CLEAN CUT PRIOR TO PLANTING. DUST ALL ROOTS WITH SULFUR.
- PLANT SAGUARO AT LEAST 4' FROM SHRUBS OR TREES.
- PLANTING WELL SHALL BE 6" MIN. WIDER THAN THE EXTENT OF THE SEVERED LATERAL ROOTS. CUT THROUGH TAPROOT TO PROVIDE A FLAT BASE WITH A DIAMETER SUFFICIENT TO SUPPORT THE WEIGHT OF THE UNSUPPORTED SAGUARO.
- PLANTING DEPTH SHALL BE MAXIMUM OF 3" DEEPER THAN THE DEPTH AT WHICH THE PLANT WAS GROWN. THE TAPERING OF ROOT COLLAR MUST BE VISIBLE ABOVE THE FINISHED GRADE.
- BACKFILL PLANTING WELL WITH DRY NATIVE SOIL TREATED WITH SOIL SULFUR COMPACT SOIL IN 6" LIFTS TO ENSURE THE STABILITY OF THE SAGUARO.
- ALL SAGUARO PLACEMENTS SHALL MATCH ORIGINAL NORTH SIDE FACING NORTH. ANY SUNBURNED SAGUAROS SHALL BE REPLACED BY THE LANDSCAPE CONTRACTOR.
- SAGUAROS ARE SPECIFIED BY HEIGHT. A VARIETY OF HEIGHTS MAY BE ACCEPTABLE PROVIDED THE AVERAGE IS NOT LESS THAN SPECIFIED. OWNER MUST APPROVE SAGUAROS PRIOR TO PLANTING.
- MIST WITH WATER FROM TOP DOWN ONCE A MONTH IF PLANTED DURING HOT SEASON
- AFTER TRANSPLANTING, ALLOW 2-3 WEEKS BEFORE FIRST WATERING.

6 COLUMNAR CACTUS PLANTING DETAIL

SCALE: NTS

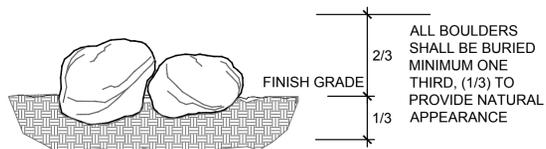
NOTES:

- FINISHED DEPTH: 2" MIN.
- BEFORE SPREADING ROCK, REMOVE ROCK & DEBRIS.
- DURING INSTALLATION RAKE D.G. TO SETTLE FINES.
- LIGHTLY BROOM SURFACE OF D.G. AFTER INSTALLATION.
- APPLY PRE-EMERGENT TO ALL D.G. AREAS.
- APPLY A LIGHT MIST OF WATER OVER THE ENTIRE D.G. SURFACE.



7 INERT GROUNDCOVER

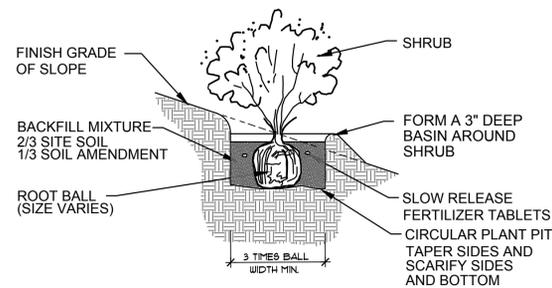
SCALE: NTS



NOTE: BOULDERS ARE DIMENSIONED ON PLANS. SIZES CALLED OUT ARE MINIMUM DIMENSIONS.

8 BOULDER PLACEMENT

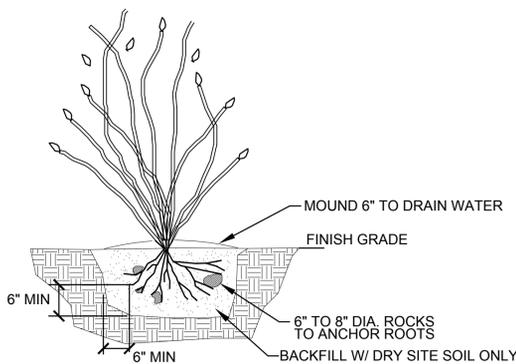
SCALE: NTS



NOTE: 1. WATER SETTLE BACKFILL IN 6" LIFTS

4 SHRUB PLANTING ON SLOPE

NTS

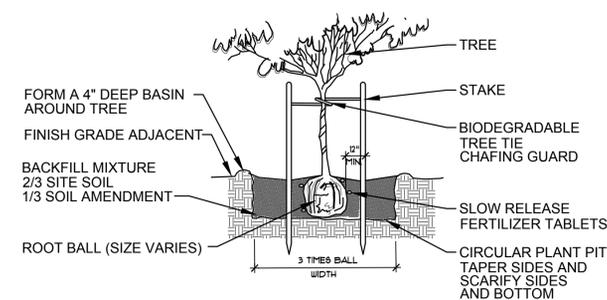


NOTES:

- ROOT PRUNE ALL SHREDDED OR DAMAGED ROOTS.
- ENSURE ALL WOUNDS TO THE ROOT SYSTEM ARE CLEAN CUT BEFORE PLANTING.
- APPLY DUSTING SULFUR TO ALL AREAS BELOW GRADE.
- BARE ROOTS SHALL NOT BE OUT OF THE GROUND FOR MORE THAN FIVE DAYS.
- MIST WITH WATER FROM TOP DOWN EVERY OTHER WEEK IF PLANTED DURING HOTSEASON.

5 OCOTILLO PLANTING DETAIL

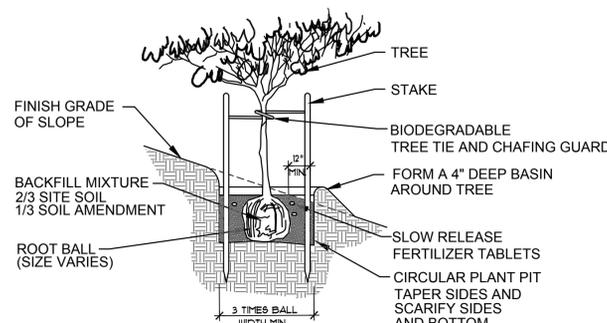
SCALE: NTS



NOTE: 1. REMOVE ALL NURSERY STAKES AND CONTAINERS
2. WATER SETTLE BACKFILL IN 6" LIFTS

1 TREE PLANTING

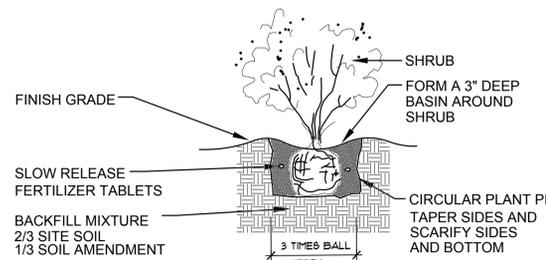
NTS



NOTE: 1. REMOVE ALL NURSERY STAKES AND CONTAINERS
2. WATER SETTLE BACKFILL 6" LIFTS

2 TREE PLANTING ON SLOPE

SCALE: NTS



NOTE: 1. WATER SETTLE BACKFILL 6" LIFTS

3 SHRUB PLANTING

SCALE: NTS

1902999
FINAL LANDSCAPE PLAN
SAGUAROS VIEJOS EAST (PHASE 2)
LOTS 98 THRU 173 AND COMMON AREA "A" (PRIVATE STREETS) AND COMMON AREA "B" (LANDSCAPED & NATURAL OPEN SPACE, DRAINAGE & RECREATION AREA)
BEING A PORTION OF SECTION 4, TOWNSHIP 12 SOUTH, RANGE 13 EAST GILA & SALT RIVER MERIDIAN, ORO VALLEY, PIMA COUNTY, ARIZONA



REFERENCE CASE NUMBERS: OV1701685
OV1602876, OV1802848



LANDSCAPE WORK

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes the following:
- Trees, Shrub and Cacti.
 - Inert Ground Cover.

1.2 SUBMITTAL REQUIREMENTS

- A. General: The Contractor shall make the submittals identified below. Submittals shall be approved prior delivery or placement of materials.
- B. Certificates of Compliance: Submit 3 copies of the following certificates of compliance to the Owner's Representative for review and approval:
- Fertilizer, Soil Sulfur, Gypsum, Manganese Sulfate: Manufacturer's certified statement of analysis for each.
 - Organic Soil Conditioner: A certificate, signed by the supplier, stating that the product complies with the project specifications
 - Soil Stabilizer: Manufacturer's certified statement of analysis.
- C. Materials Test Reports: for existing surface soil and imported soil.
- D. Samples for Verification: For each of the following provide the following samples:
- 5 lb of decomposed granite mulch for the color and gradation of decomposed granite proposed for use on the project, in labeled plastic bag.

1.3 COMPLIANCE WITH APPLICABLE REGULATIONS

- A. The Contractor shall comply with all local, state, and federal regulations regarding materials, methods of work, and disposal of excess and waste materials. The Contractor shall provide notices required by all governmental authorities, request required inspections, obtain required permits, and pay for all associated fees.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: All work shall be performed by a Contractor licensed by the State of Arizona Register of Contractors. The commercial license held by the Contractor shall be appropriate for the work being performed.
- The Contractor shall maintain an experienced full-time supervisor on Project site during the construction period.
- B. Observation: Owner's Representative may observe plants either at place of growth or at site before planting for compliance with requirements for genus, species, variety, size, and quality. Owner's Representative retains right to observe plants further for size and condition of balls and root systems, insects, injuries, and latent defects and to reject unsatisfactory or defective material at any time during progress of work. Remove rejected plants immediately from Project site. Owner's Representative may observe any and all plant pits prior to backfilling or planting.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Do not prune trees, shrubs and cacti before delivery, except as approved by Owner's Representative. Protect bark, branches, and root systems from sun scald, drying, sweating, whipping, and other handling and tying damage. Do not bend or bind-tie trees, shrubs or cacti in such a manner as to destroy their natural shape. Provide protective covering of plants during delivery. Do not drop plants during delivery.
- B. Deliver plants after preparations for planting have been completed and install immediately. If planting is delayed more than six hours after delivery, protect from weather and mechanical damage, and keep roots moist. Do not remove container-grown stock from containers before time of planting.
- C. Inorganic Soil Amendments: Deliver in original sealed, labeled, and undamaged containers.
- D. Fertilizer: Deliver in original sealed, labeled, and undamaged containers.

1.6 COORDINATION

- A. Weather Limitations: Proceed with planting only when existing and forecasted weather conditions permit.
- B. Work that is completed or in-progress shall be protected during installation of landscape work. The Contractor shall coordinate all landscape related work with the Owner's Representative.

1.7 GUARANTEE

- A. The Contractor shall guarantee all Contractor provided plants for the period indicated, commencing on the date of Final Acceptance, against all defects including death and unsatisfactory growth, except for defects resulting from lack of adequate maintenance, neglect, or abuse by Owner, causes deliberate, or incidents that are beyond Contractor's control.
- Guarantee Period for Trees, Shrubs and Cacti: One year from date of Substantial Completion.
 - Remove dead plants immediately. Replace immediately unless directed otherwise by Owner's Representative.
 - Replace plants that are diseased, or that exhibit more than 25 percent die-back, at end of guarantee period.
 - A limit of one replacement of each plant will be required, except for losses or replacements due to failure to comply with requirements.
 - Include the following remedial actions for turf as a minimum:
 - Immediately remove dead turf and replace.
 - Repair failed areas due to erosion, replace erosion control materials in failed areas.

1.8 MAINTENANCE DURING CONSTRUCTION

- A. The Contractor shall maintain throughout the construction period all trees, shrubs, cacti, decomposed granite, and other landscape improvements. Maintenance during construction shall continue until the issue of a Certificate of Substantial Completion. All maintenance and plant replacements throughout the construction period shall be at no additional cost to the Owner.
- Trees, Shrubs and Cacti: During the construction, maintain by pruning, cultivating, watering, weeding, fertilizing, restoring planting saucers, tightening and repairing stakes and guy supports, clean-up and resetting to proper grades or vertical position, as required to establish healthy, viable plantings. Spray as required to keep trees, shrubs, and cacti free of insects.
 - Decomposed Granite (including stabilized and field mixes): During the construction, maintain by raking, weeding, recompacting, reapplying, regrading, and repairing eroded areas. Protect field areas from traffic.
- B. Inspection of Completed Landscape Work: Upon completion of the landscape work, the Contractor shall notify the Owner's Representative who will schedule an inspection of the landscape improvements. During the inspection, items that are incomplete or that must be repaired or replaced will be identified. Completion or correction of items noted will be required prior to the issuance of a Certificate of Substantial Completion.

1.9 MAINTENANCE AFTER SUBSTANTIAL COMPLETION

- A. Maintenance Period: Six months from date of Substantial Completion for trees, shrubs, cactus and other landscape improvements. All work shall be performed in a professional manner within the standards of the industry, using quality equipment methods and materials.
- B. Work Schedule: Contractor will supply the Owner's Representative with a proposed schedule of the expected day and time tasks listed below will be performed. This schedule shall be approved prior to project maintenance commencement.

Item No.	Task Work Item Description	Task Work Item Description	Time Frame
1	Prune Plants	Once	4th Month
2	Fertilize Plants	Once	4th Month
3	Irrigate Plants	Adjust per Season	---
4	Weed All Areas	2x Month	---
5	Apply Pre-Emergent Herbicide	Once	4th Month
6	Ensure Soil Conditions	Once	2nd Month
7	Insect, Rodent and Disease Control	Monthly	---
8	Granite Areas	Monthly	---
9	Police Site	Weekly	---

The frequencies of the tasks stated above are suggested minimums only. During extremely wet or dry periods, the Contractor must adjust schedules to ensure correct and proper conditions are maintained.

- C. After satisfactory completion of the maintenance period, the Owner will assume responsibility for landscape maintenance

1.10 SUSPENSION OF MAINTENANCE PERIOD FOR NON-COMPLIANCE

- A. Failure to comply with the specified maintenance requirements, as determined by the Owner's representative, may result in the suspension of the maintenance period until such time as the required remedial actions have been completed by the Contractor. A number of days equal to the number of days of the suspension will be added to the maintenance period.

PART 2 - PRODUCTS

2.1 TREE, SHRUB, AND CACTI MATERIAL

- A. General: All Contractor-provided plants used on the project shall be subject to the Owner's review and approval.
- B. Plant Form and Quality: All plants shall comply with the project specifications, be normally developed individuals of their species. Provide well-shaped, fully branched, healthy, vigorous stock free of disease, insects, eggs, larvae, and defects such as knots, sun scald, injuries, abrasions, and disfigurement.
- C. Grade: Provide quality, size, genus, species, and variety of plants indicated, complying with applicable requirements in ANSI Z60.1, "American Standard for Nursery Stock" or "Arizona Nurseryman's Association Recommended Average Tree Specifications", whichever is the more stringent. Trees, shrubs, and cacti of a larger size may be used if acceptable to Owner's Representative and at no additional cost to Owner.
- D. Plant Root Systems: All plants shall have healthy root systems. Container-grown plants shall have been in containers for a sufficient time for the root system to hold the soil when the plant is removed from the container, but not long enough for the plant to become root-bound or to cause a hardening of the root system.
- E. Label at least one tree, shrub, and cacti of each variety and caliper with a securely attached, waterproof tag bearing legible designation of botanical and common name.

2.2 PREPARED PLANTING SOIL MIX FOR TREES, SHRUBS, AND CACTI

- A. Planting Soil Mix: Planting soil shall be native topsoil mixed to a uniform volume and loose measure, with the following soil amendments and fertilizers in the following quantities per cubic yard:
- Trees and Shrubs: 20 cubic feet of (native) topsoil, 7 cubic feet of organic soil conditioner, 2 lbs soil sulfur, 1 lb of fertilizer (16-20-0). The prepared planting soil shall be thoroughly blended prior to placement in plant pits.
 - Cacti: Planting soil shall be native topsoil with 0.25 lbs of soil sulfur incorporated into the soil backfill at each cactus.

2.3 FERTILIZER

- A. General Requirements: All fertilizers used on the project shall be in pelleted form and of recent manufacture.
- B. Slow-Release Fertilizer for Tree and Shrub Planting: Ammonium Phosphate consisting of 50 percent water-insoluble nitrogen, and phosphorus in the following composition:
- Composition: 16 percent nitrogen, 20 percent phosphoric acid by weight.

2.4 INERT GROUND COVER

- A. Decomposed Granite: Decomposed granite shall be durable granite material size as shown on the plan. Except as may be approved by the Owner's Representative, all materials used on the project shall be from the same source and shall match the approved sample. Decomposed granite shall be free of loam, sand, clay, and other foreign substances.
- Type: As indicated on plans.

2.5 TREE STAKING

- A. Tree Stakes: Tree Stakes shall be 2-inch (minimum) diameter by 8 feet (minimum) long peeled Lodge Pole Pine stakes. Treat with an EPA approved wood preservative. If required to support properly trees used on the project, stakes longer than specified shall be used at no cost to the Owner.
- B. Tie Wire: 12 gauge, annealed, galvanized wire.
- C. Chafing Guard: Biodegradable cotton tree ties with brass eyelet, provided in lengths required to protect tree trunks from damage. Cut tree ties are not acceptable.

2.6 HORTICULTURAL CHEMICALS

- A. Pre-Emergent Herbicide: "Surflan" or "Pendulum", or approved equal. Delivered in original, sealed, and fully labeled containers and mixed according to manufacturer's written instructions.
- B. Post-Emergent Herbicide: "Round-Up", or approved equal. Delivered in original, sealed, and fully labeled containers and mixed according to manufacturer's written instructions.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine areas to receive plants and decomposed granite for compliance with requirements and conditions affecting installation and performance. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 BLUE STAKING

- A. The Contractor shall have the work area Blue-Staked prior to the start of any excavation work. Blue Staking shall be kept current throughout the course of the work. All utilities damaged by the Contractor shall be repaired or replaced by the Contractor, as required by the Owner or applicable utility company, at the Contractor's expense.

3.3 SITE PREPARATION

- A. Protect structures, utilities, sidewalks, pavements and other facilities and existing plants from damage caused by landscape operations.
- B. Provide erosion-control measures to prevent erosion or displacement of soils and discharge of soil-bearing water runoff or airborne dust to adjacent properties and walkways.
- C. Lay out individual tree locations. Stake locations, adjust locations when requested, and obtain Owner's Representative's acceptance of layout before planting. Make minor adjustments as required.

3.4 TREE AND SHRUB PIT EXCAVATION

- A. Seasonal Limitations: The planting of trees and shrubs may be done at any time selected by the Contractor consistent with the overall project schedule. Planting during excessively hot, cold, or windy weather shall be at the Contractor's risk. Plants that die or are damaged as a result of weather conditions shall be replaced by the Contractor at no additional cost to the Owner.
- B. Excavation of Plant Pits: Excavate circular pits with sides sloped inward, pit size according to the drawings. Do not disturb sub-grade. Scarify sides of plant pit if smeared or smoothed during excavation.
- C. Subsoil removed from excavations may be amended as specified and used as backfill.
- D. Obstructions: Do not install any plant if a large obstruction is encountered below the rootball. Notify Owner's Representative if unexpected rock or obstructions detrimental to trees, shrubs or cactus are encountered in excavations.
- E. Tests for Drainage: Partially fill plant pits with water and allow water to percolate away. For acceptance, all pits shall drain at least 6" per hour. All pits not draining at 6" per hour shall be deepened or relocated as directed by Owner's Representative. Drainage testing for up to 25 percent of all tree pits shall be performed by the Contractor at no additional cost to the Owner.
- Deepening Tree Pits: Drill 6-inch diameter holes into free-draining strata or to a depth of ten feet, whichever is less, and backfill with free-draining material.
 - Deepening all tree pits shall be performed by the Contractor at no additional cost to the Owner.

3.5 TREE AND SHRUB PLANTING

- B. Set container-grown stock plumb and in center of pit or trench with top of root ball one inch above adjacent finish grades. Plants that settle shall be excavated and re-planted at correct grade.
- Carefully remove root ball, immediately prior to planting, from container, without damaging root ball, stems or foliage. Damaged plants shall be replaced by the Contractor at no additional cost to the Owner.
 - Backfill planting soil mix around root ball in layers, tamping to settle mix and eliminate voids and air pockets. When pit is approximately one-half backfilled, water thoroughly before placing remainder of backfill. Repeat watering until no more water is absorbed. Water again after placing and tamping final layer of planting soil mix.

3.6 TREE AND SHRUB PRUNING

- A. Prune, thin, and shape trees and shrubs according to standard horticultural practice. Unless otherwise indicated by Owner's Representative, do not cut tree leaders; remove only injured or dead branches. Prune shrubs to ANA Standards to retain natural character. Shrub sizes indicated are sizes after pruning.
- All dead wood, suckers, broken or bruised branches shall be removed.
 - Pruning shall be carried out with clean, sharp tools.
 - If, in the opinion of the Owner's Representative, pruning results in a plant not natural in character, the plant shall be replaced by the Contractor at no additional cost to the Owner.

3.7 TREE STAKING

- A. Upright Staking and Tying: Stake trees as detailed on the drawings. Use a minimum of 2 stakes of length required to penetrate at least 18 inches below bottom of backfilled excavation and to extend at least 72 inches above grade. Set vertical stakes and space to avoid penetrating root balls or root masses. Support trees with two tree ties at contact points with tree trunk. Allow enough slack to avoid rigid restraint of tree. Use the number of stakes shown on the drawings.
- Staking and tying shall be capable of supporting the plant, without repair, for two years.

3.8 INORGANIC SURFACING INSTALLATION

- A. Decomposed Granite Surfacing: All areas to be surfaced with decomposed granite shall be brought to the lines and grades shown on the plans, with allowance made for depth of the decomposed granite. Install decomposed granite in accordance with the project drawings.
- A reveal shall be provided adjacent to paved surfaces as shown on the project drawings. Where not detailed, the reveal shall be 3/4 inch.

3.9 HORTICULTURAL CHEMICALS

- A. Herbicides: Herbicides shall be applied according to manufacturer's written instructions by an Applicator licensed by the state of Arizona.

3.10 CLEANUP AND PROTECTION

- A. During landscape operations, keep adjacent paving and construction clean and work area in an orderly condition.
- B. Protect all plants and decomposed granite areas from damage due to landscape operations, operations by other contractors and trades, and others. Maintain protection during installation and maintenance periods. Treat, repair, or replace damaged items.
- C. Promptly remove soil and debris created by landscape work from paved areas. Clean wheels of vehicles before leaving site to avoid tracking soil onto roads, walks, or other paved areas.
- D. Erect barricades and warning signs as required, to protect newly landscaped areas from traffic.

3.11 DISPOSAL

- A. Disposal: Remove surplus soil and waste material, including excess subsoil, unsuitable soil, trash, and debris and trimmings, and dispose of them legally off Owner's property.

Q:\190032\B-005-Saguaros Viejos Ph. 2 Eastside\02 Landscape\08 FLIP phase 2\190032_SV_E.ph2 - FLIP_08 landscape specs.dwg

1902999

FINAL LANDSCAPE PLAN
SAGUAROS VIEJOS EAST (PHASE 2)

LOTS 98 THRU 173 AND COMMON AREA "A" (PRIVATE STREETS) AND COMMON AREA "B" (LANDSCAPED & NATURAL OPEN SPACE, DRAINAGE & RECREATION AREA)
BEING A PORTION OF SECTION 4, TOWNSHIP 12 SOUTH, RANGE 13 EAST GILA & SALT RIVER MERIDIAN, ORO VALLEY, PIMA COUNTY, ARIZONA



REFERENCE CASE NUMBERS: OV1701685
OV1602876, OV1802848

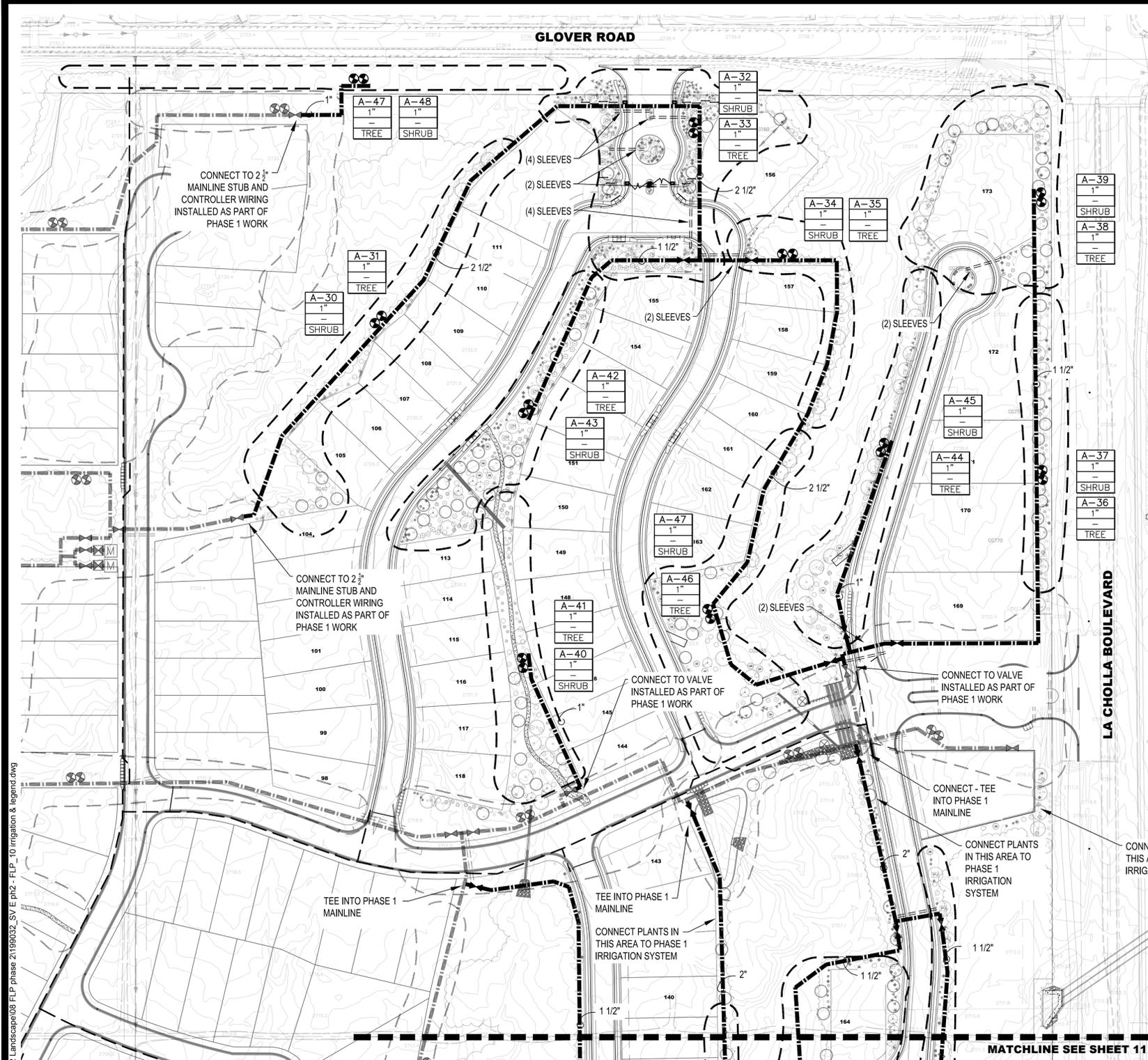
The WLB Group Inc. Engineering Planning Surveying Landscape Architecture Urban Design Offices located in Tucson, Phoenix, and Flagstaff, Arizona, Las Vegas, Nevada 4444 East Broadway Tucson, Arizona (520) 881-7480

SAGUAROS VIEJOS EASTSIDE (PHASE 2)
LA CHOLLA BOULEVARD AND NARANJA DRIVE
ORO VALLEY, ARIZONA

FINAL LANDSCAPE PLAN
LANDSCAPE SPECIFICATIONS

No.	Date	Item	Scale	N.T.S.	Sheet	9
			Job No.	199032B005		
			Date	APRIL 2020		
			Designed By	PNR		
			Checked By	GLG		
			Revisions			





IRRIGATION LEGEND

SYMBOL	DESCRIPTION	MANUFACTURER/MODEL	COMMENTS
	ISOLATION VALVE	NIBCO T-113K	LINE SIZE, IN VALVE BOX BOX SIZE: AMETEK 10" ROUND, OR EQUAL. COLOR: TAN
	QUICK COUPLING VALVE	RAINBIRD 33 DLRC OR EQUAL	PROVIDE (3) KEYS
	MAIN LINE	SCH. 40 PVC PIPE	SIZE: 2 1/2" UNLESS OTHERWISE NOTED. SCH. 80 FITTINGS. SOLVENT WELD
	REMOTE CONTROL DRIP VALVE ASSEMBLY	(1) RAIN BIRD PESB-NP-HAN (1) RAIN BIRD RBY-C SERIES IN-LINE FILTER (1) RAIN BIRD PSI-M40X-100 PRESSURE REGULATOR (1) BALL VALVE SPEARS PVC TRUE UNION	SIZE PER PLAN IN VALVE BOX BOX SIZE: AMETEK "JUMBO", OR EQUAL. COLOR: TAN
NOT SHOWN	MASTER VALVE	(1) RAIN BIRD BPE-NP-HAN	
NOT SHOWN	FLOW SENSOR	(1) RAIN BIRD FS	
NOT SHOWN	POLYETHYLENE LATERAL	U.S PLASTICS OR EQUAL	SIZE 3/4". MAX. RUN 250 FT.
NOT SHOWN	MULTI-OUTLET EMITTER (TREES)	RAINBIRD XB-10-6 MULTI-OUTLET XERI-BUG, OR EQUAL	PROVIDE (1) TO EACH TREE. BOX SIZE: AMETEK 6" ROUND, OR EQUAL. COLOR: TAN
NOT SHOWN	SINGLE EMITTER (SHRUBS)	RAINBIRD XB-10PC, OR EQUAL (1 GPH)	PROVIDE (2) TO EACH SHRUB..
	SLEEVE	SCH. 40 PVC PIPE	SCH 40 PVC. 4" DIA.
NOT SHOWN	FLUSH END	SEE DETAIL	LOCATE AT END OF LATERAL RUN IN VALVE BOX", 10" ROUND SIZE.

*VALVE BOXES TO BE COLOR TAN.

PIPE SIZE CHART (PVC DRIP HEADER)

FLOW	PIPE SIZE
1-6 GPM	3/4"
6.1-10 GPM	1"
10.1-16 GPM	1-1/4"
16.1-24 GPM	1-1/2"
24.1-46 GPM	2"

IRRIGATION CONTROLLER SCHEDULE

YEAR	DAYS	FREQUENCY	TIME (HRS.)	TOTAL WATER
3	MON. WED. FRI.	1	2.75	2,375,477
4	MON. THUR.	1	3	1,781,608
5	WED.	1	4	1,187,739

IRRIGATION CONTROLLER NOTES

PLANT WATERING REQUIREMENTS VARY ACCORDING TO SIZE OF PLANT, AGE, EXPOSURE, SOIL, LOCATION, WEATHER, AND OTHER FACTORS. ADJUST CONTROLLER AS NEEDED.
ADJUST CONTROLLER AND INSPECT THE TIME CLOCK AT LEAST ONCE A MONTH TO MAKE SURE IT IS OPERATING PROPERLY. LESS IRRIGATION IS GENERALLY REQUIRED IN DECEMBER, JANUARY, AND FEBRUARY.

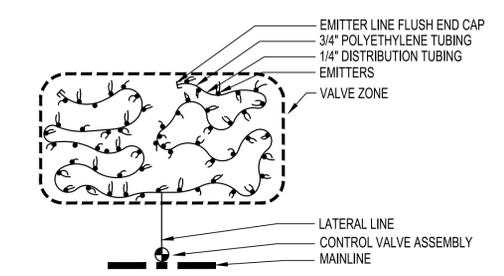
TREES

WATERING DEPTH OF 24 - 36 INCHES

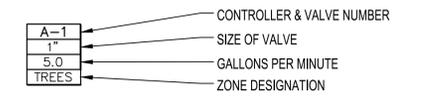
SHRUBS / GROUNDCOVER

WATERING DEPTH OF 18 - 24 INCHES

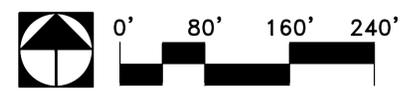
TYPICAL EMITTER LINE LAYOUT



TYPICAL VALVE CALL OUT



INSTALL DECODERS AT LOCATIONS PER MANUFACTURER'S RECOMMENDATIONS



The WLB Group Inc.
 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

SAGUAROS VIEJOS EASTSIDE (PHASE 2)
LA CHOLLA BOULEVARD AND NARANJA DRIVE
ORO VALLEY, ARIZONA

FINAL LANDSCAPE PLAN
IRRIGATION PLAN & LEGEND



REFERENCE CASE NUMBERS: OV1701685
 OV1602876, OV1802848

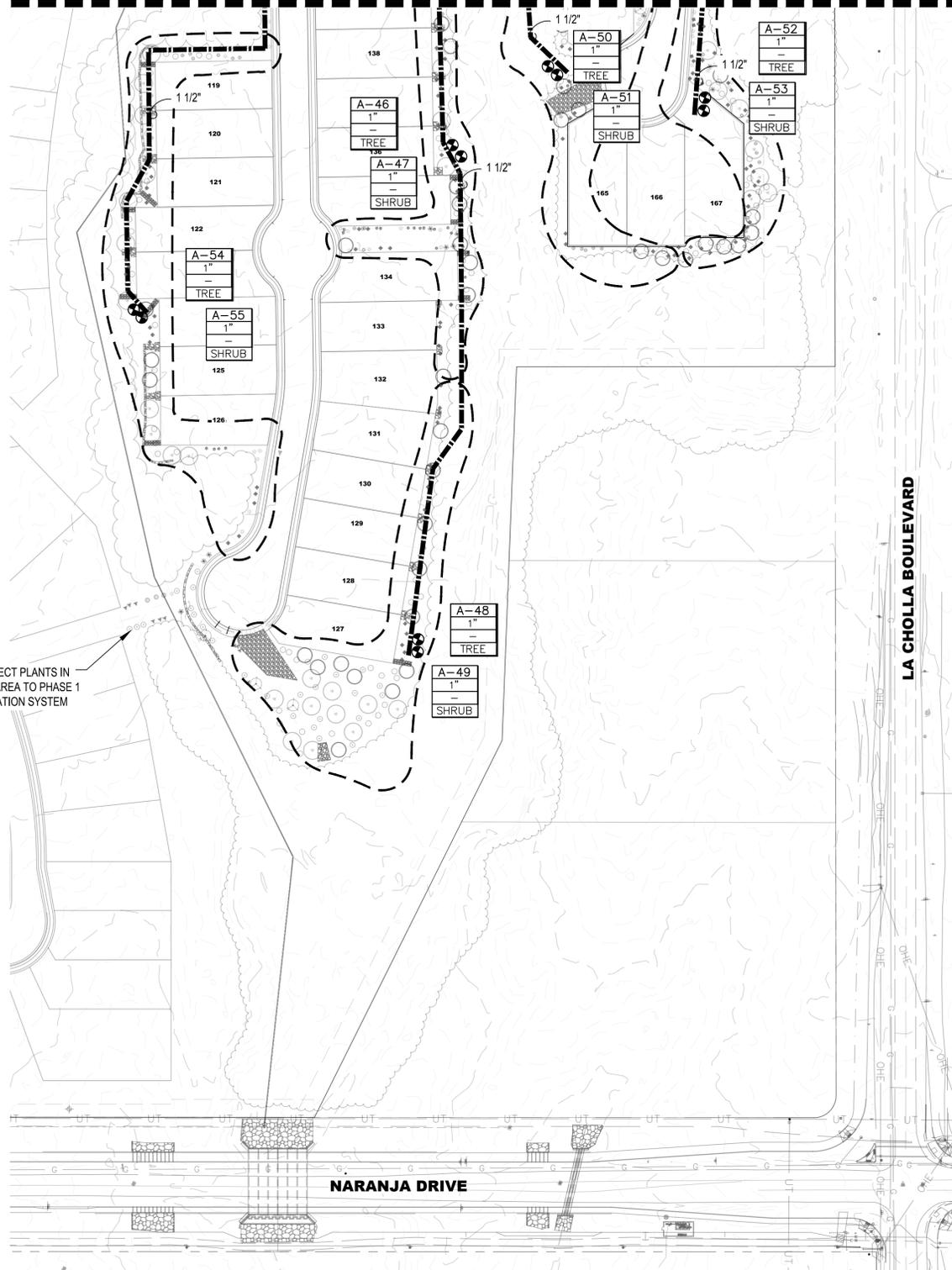
1902999
FINAL LANDSCAPE PLAN
SAGUAROS VIEJOS EAST (PHASE 2)
 LOTS 98 THRU 173 AND COMMON AREA "A" (PRIVATE STREETS) AND
 COMMON AREA "B" (LANDSCAPED & NATURAL OPEN SPACE, DRAINAGE &
 RECREATION AREA)
 BEING A PORTION OF SECTION 4, TOWNSHIP 12 SOUTH, RANGE 13 EAST
 GILA & SALT RIVER MERIDIAN, ORO VALLEY, PIMA COUNTY, ARIZONA

No.	Date	Item	Scale	1"=80'
			Job No.	199032B005
			Date	APRIL 2020
			Designed By	PNR
			Checked By	GLG



Sheet **10**
 of **16**

MATCHLINE SEE SHEET 10



CONNECT PLANTS IN THIS AREA TO PHASE 1 IRRIGATION SYSTEM

IRRIGATION NOTES

- ALL WATER USE FOR IRRIGATION AND ENHANCEMENT SHALL CONFORM TO THE ARIZONA GROUNDWATER CODE, ARIZONA REVISED STATUTES 45, CHAPTER 2.
- IRRIGATION PLAN IS SCHEMATIC AND DRAWN FOR GRAPHIC CLARITY. INSTALL EQUIPMENT WITHIN PLANTING AREAS AND ADJACENT TO WALKWAYS WHEREVER POSSIBLE.
- IRRIGATION SYSTEM IS DESIGNED FOR A MINIMUM PRESSURE OF 50 PSI. PRIOR TO START OF IRRIGATION WORK, CONTRACTOR SHALL VERIFY EXISTING WATER PRESSURE AT THE METER (ASSUMED TO BE 43 PSI) AND NOTIFY OWNER'S REPRESENTATIVE OF ANY DISCREPANCY BETWEEN EXISTING PRESSURE AND DESIGN PRESSURE BEFORE PROCEEDING WITH WORK. NOTIFY LANDSCAPE ARCHITECT IF PRESSURE EXCEEDS 120 PSI
- COORDINATE WITH OTHER WORK AS REQUIRED TO PROVIDE POWER TO IRRIGATION CONTROLLERS.
- MAKE IRRIGATION POINTS OF CONNECTION TO WATER LINES AS INDICATED ON PLANS AND COORDINATE WITH OTHER WORK AS REQUIRED.
- EXACT LOCATION OF CONTROLLERS SHALL BE APPROVED PRIOR TO INSTALLATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SLEEVES, WHETHER INDICATED ON THESE PLANS OR NOT. INSTALL ALL PIPE AND WIRE UNDER PAVING OR WALLS IN SLEEVE, SIZE AS REQUIRED. COORDINATE WITH OTHER WORK AS REQUIRED.
- INSTALL 3/4" EMITTER TUBING WITH DRIP EMITTERS AS REQUIRED TO PROVIDE IRRIGATION TO ALL NEW SHRUBS AND TREES PER PLANTING PLAN
- LAY OUT EMITTER TUBING PARALLEL TO TOPOGRAPHY WHEREVER POSSIBLE. INSTALL FLUSH END CAP AT ENDS OF ALL 3/4" LINES AND FLUSH THOROUGHLY BEFORE INSTALLING EMITTERS. BURY TUBING AT AN 8" DEPTH.
- FOR SHRUBS AND VINES: INSTALL SINGLE OUTLET EMITTERS AS FOLLOWS:
(2) 1-GPH EMITTERS AT EACH 5 GALLON PLANT
(1) 1-GPH EMITTERS AT EACH 1 GALLON PLANT
(1) 0.5-GPH EMITTERS AT EACH CACTUS OR SUCCULENT. MULTI-OUTLET EMITTERS MAY BE SUBSTITUTED FOR INDIVIDUAL EMITTERS.
- FOR TREES: INSTALL MULTI-OUTLET EMITTER AS FOLLOWS:
(8) 1-GPH EMITTERS AT EACH 48" BOX /TRANSPLANTED TREE
(6) 1-GPH EMITTERS AT EACH 24" BOX /36" BOX
(4) 1-GPH EMITTERS AT EACH 15 GALLON
- PROVIDE A SINGLE 0.5-GALLON EMITTER TO ALL TRANSPLANTED CACTI 2FT. FROM TRUNK
- SINGLE OUTLET EMITTER - RAIN BIRD XB-10PC, OR EQUAL MULTI-OUTLET EMITTER - RAIN BIRD XBT-10-6, OR EQUAL. MULTI-OUTLET EMITTERS MAY BE SUBSTITUTED FOR INDIVIDUAL EMITTERS.
- USE SHORT PIECES OF 1/4" DISTRIBUTION TUBING (MAXIMUM LENGTH 8') TO EXTEND EMITTERS TO EACH ROOTBALL. HOLD IN PLACE WITH STAKES.
- REVIEW EMITTER LAYOUT WITH LANDSCAPE ARCHITECT AND ADJUST NUMBER OF EMITTERS FOR INDIVIDUAL PLANTS THAT REQUIRE GREATER OR LESSER VOLUME OF WATER THAN INDICATED.
- IRRIGATION CONTRACTOR SHALL SUBMIT AN IRRIGATION SCHEDULE FOR REVIEW.
- ALL BURIED IRRIGATION PIPE GREATER THAN TWO INCHES IN DIAMETER SHALL HAVE A #18 UF TYPE TRACER WIRE ATTACHED SECURELY TO IT AT 8 FT. INTERVALS. AT THE TERMINATION POINT ATTACH WIRE SECURELY TO PIPE AND PROVIDE TWELVE INCHES OF TRACER WIRE ACCESSIBLE ABOVE GRADE.

GENERAL NOTES

- IRRIGATION AND/OR WATERING PLANS SHALL MEET THE MINIMUM STANDARDS OF THE AMERICAN SOCIETY OF IRRIGATION CONSULTANTS.
- IF DESERT LANDSCAPING IS USED WHICH WILL ULTIMATELY RELY ON NATURAL WATER SOURCES, A TEMPORARY DRIP IRRIGATION SYSTEM SHALL BE EMPLOYED UNTIL SUCH TIME AS THE PLANT MATERIALS ARE SUSTAINED BY NATURAL WATER SOURCES.
- THE PROPERTY OWNER IS RESPONSIBLE FOR MAINTAINING THE TEMPORARY SYSTEM AS LONG AS NECESSARY IN ORDER TO TRANSITION PLANTS OVER TO NATURAL SOURCES. ANY PLANT MATERIALS THAT DIE IN TRANSITION, FOR ANY REASON, SHALL BE REPLACED (SECTION 27.6.E.4).
- IRRIGATION SYSTEMS CONNECTED TO POTABLE WATER MAINS (PUBLIC OR PRIVATE) SHALL BE EQUIPPED WITH BACKFLOW PREVENTERS.
- THE ANNUAL WATER USE FOR A PROJECT SHALL NOT EXCEED THE ANNUAL LANDSCAPE WATER PLAN
- IRRIGATION METER READINGS SHALL BE USED TO DETERMINE COMPLIANCE WITH THE LANDSCAPE WATER PLAN. NON-COMPLIANCE IS SUBJECT TO PENALTIES UNDER THE ZONING CODE
- METER READINGS SHALL BE TAKEN, AT A MINIMUM, ON AN ANNUAL BASIS. MONTHLY READINGS MAY BE REQUIRED, AT THE DISCRETION OF THE PLANNING AND ZONING ADMINISTRATOR, IN ORDER TO ADDRESS NON-COMPLIANCE WITH THE WATER PLAN.
- AN INITIAL METER READING SHALL BE TAKEN PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY AND RECORDED FOR REFERENCE AS PART OF THE WATER PLAN.
- IRRIGATION WATER SHALL NOT LEAVE THE LANDSCAPED AREAS AND FLOW ONTO ROADS, PARKING AREAS OR SIDEWALKS.

Q:\199032B-005 Saguaros Viejos Ph. 2 Eastside\02 Landscape\08 IRRIGATION\11 IRRIGATION PLAN.dwg

SEE SHEET 10 FOR IRRIGATION LEGEND



REFERENCE CASE NUMBERS: OV1701685
OV1602876, OV1802848

1902999
FINAL LANDSCAPE PLAN
SAGUAROS VIEJOS EAST (PHASE 2)
LOTS 98 THRU 173 AND COMMON AREA "A" (PRIVATE STREETS) AND COMMON AREA "B" (LANDSCAPED & NATURAL OPEN SPACE, DRAINAGE & RECREATION AREA)
BEING A PORTION OF SECTION 4, TOWNSHIP 12 SOUTH, RANGE 13 EAST GILA & SALT RIVER MERIDIAN, ORO VALLEY, PIMA COUNTY, ARIZONA



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

SAGUAROS VIEJOS EASTSIDE (PHASE 2)
LA CHOLLA BOULEVARD AND NARANJA DRIVE
ORO VALLEY, ARIZONA

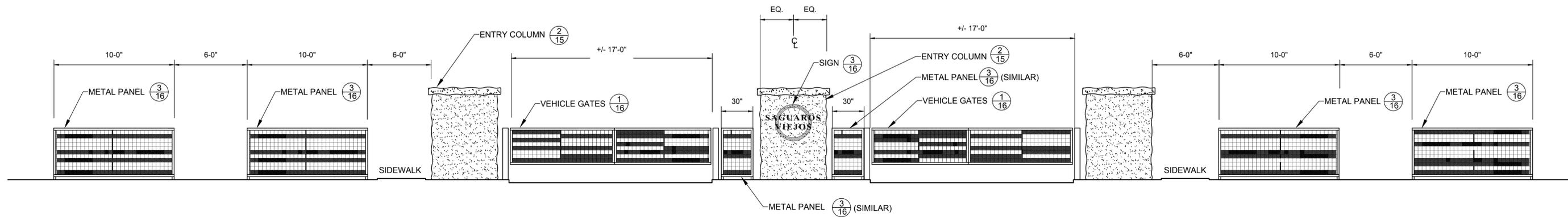
FINAL LANDSCAPE PLAN
IRRIGATION PLAN

Sheet Title

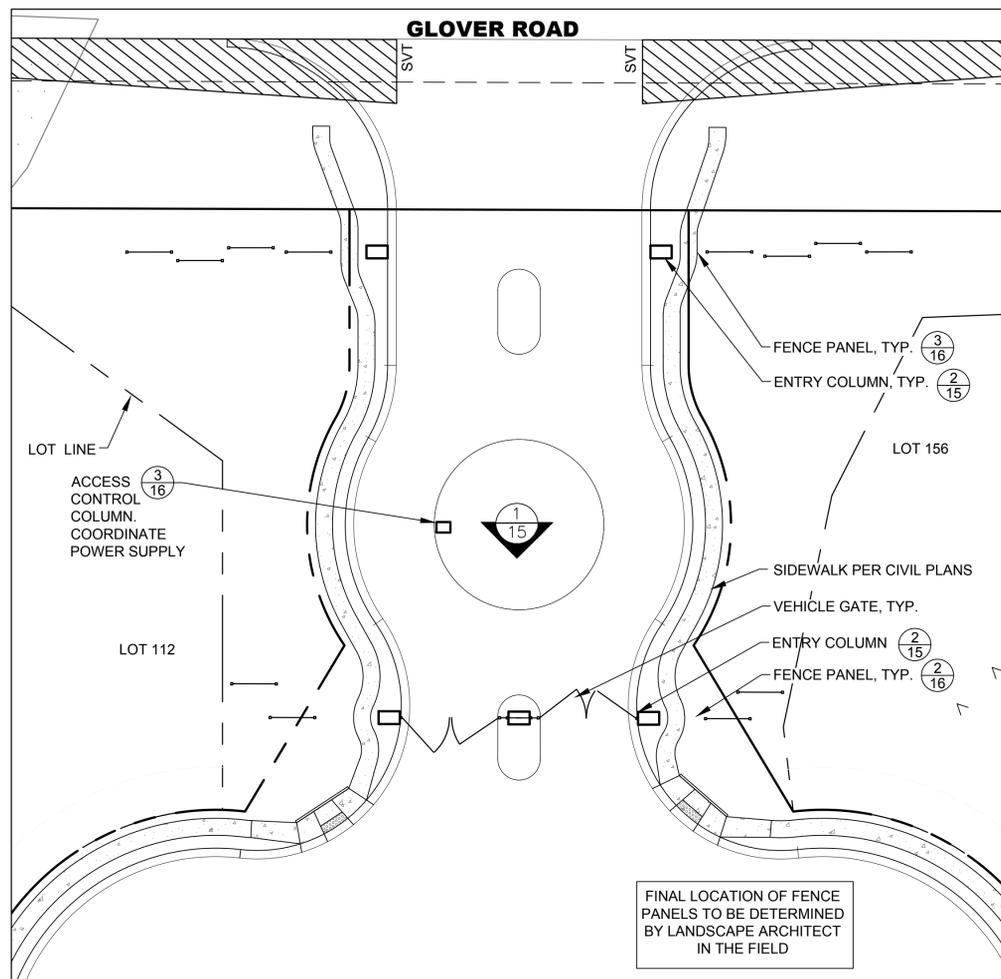
No.	Date	Item	Scale
			1"=80'
			Job No. 199032B005
			Date APRIL 2020
			Designed By PNR
			Checked By GLG



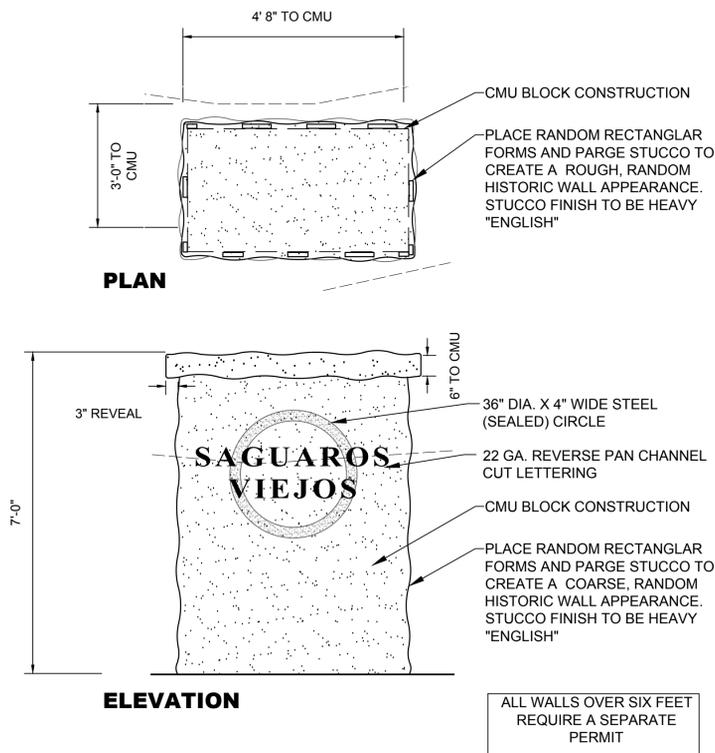
Sheet **11**
of **16**



1 NARANJA DRIVE ENTRY COLUMN AND GATES - ELEVATION
SCALE 1/4" = 1'-0"



GLOVER ROAD ENTRY LAYOUT SCALE 1" = 20'

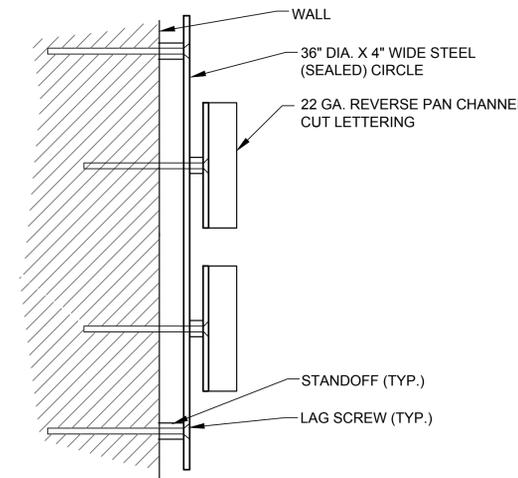


2 ENTRY COLUMN
SCALE 1/2" = 1'-0"

NOTE: STUCCO COLOR TO MATCH PHASE 1. PROVIDE SAMPLES FOR OWNER APPROVAL.

ALL SIGNAGE REQUIRES A SEPARATE SIGN PERMIT AND APPROVAL WILL BE REQUIRED

CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR SIGNAGE AND ILLUMINATION AND COORDINATE ELECTRICAL SUPPLY



3 SIGN LETTERING
NTS

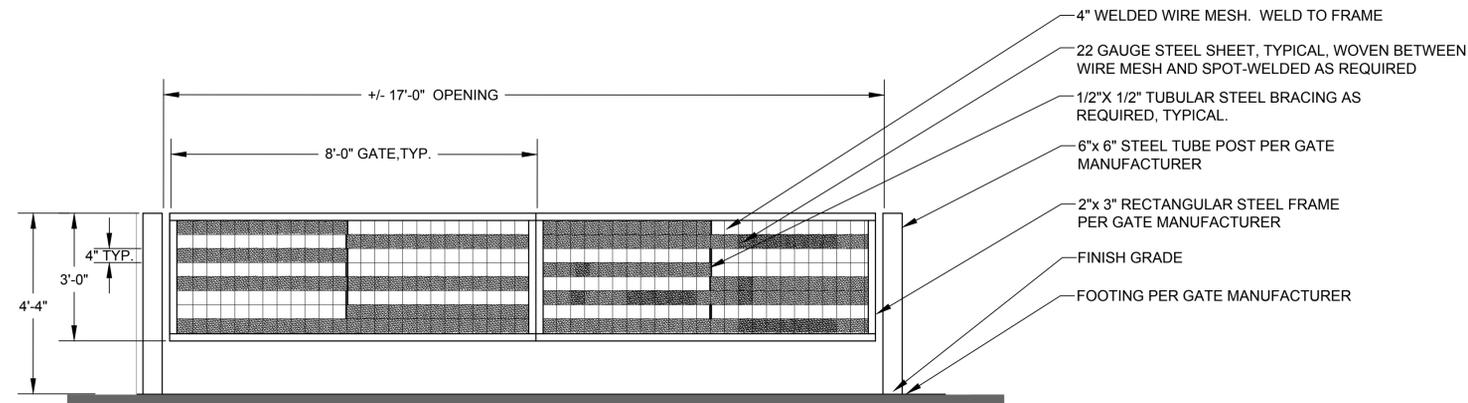
1902999
FINAL LANDSCAPE PLAN
SAGUAROS VIEJOS EAST (PHASE 2)
LOTS 98 THRU 173 AND COMMON AREA "A" (PRIVATE STREETS) AND COMMON AREA "B" (LANDSCAPED & NATURAL OPEN SPACE, DRAINAGE & RECREATION AREA)
BEING A PORTION OF SECTION 4, TOWNSHIP 12 SOUTH, RANGE 13 EAST GILA & SALT RIVER MERIDIAN, ORO VALLEY, PIMA COUNTY, ARIZONA



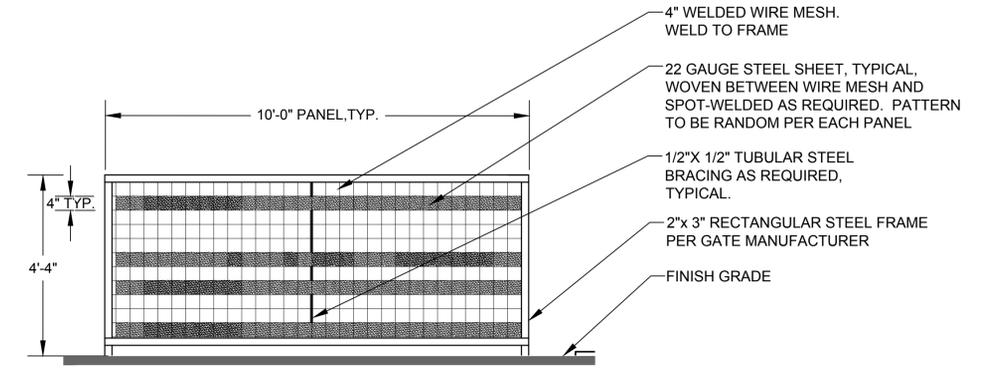
REFERENCE CASE NUMBERS: OV1701685
OV1602876, OV1802848

No.	Date	Item	Scale	AS SHOWN
			Job No.	199032B005
			Date	APRIL 2020
			Designed By	PNR
			Checked By	GLG

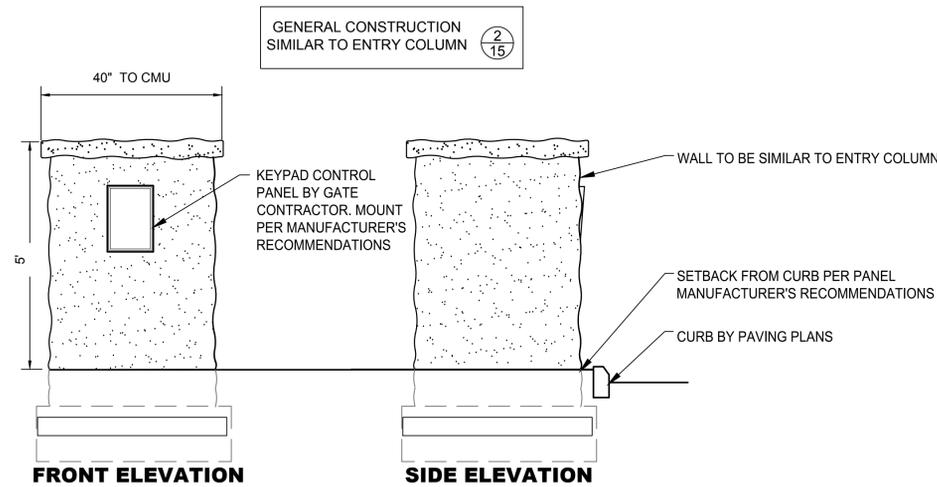




1 VEHICLE ENTRY GATES - ELEVATION, TYPICAL
SCALE: 1/2" = 1'-0"



2 FENCE PANEL ELEVATION, TYPICAL
SCALE: 1/2" = 1'-0"



3 ENTRY ACCESS COLUMN - ELEVATION
SCALE 1/2" = 1'-0"

- NOTES:**
1. VERIFY ALL DIMENSIONS IN THE FIELD.
 2. METALWORK FINISH SHALL BE PAINTED TO MATCH CORTEN STEEL COLOR, SEALED.
 3. ALL JOINTS SHALL BE WELDED.
 4. GRIND ALL WELDS SMOOTH.
 5. CONTRACTOR TO SUPPLY SHOP DRAWINGS FOR GATES, POSTS, HINGES, OPENER, ALL HARDWARE, POST FOOTINGS AND REINFORCEMENT.
 6. CONTRACTOR TO VERIFY SWING OF GATES PRIOR TO INSTALLATION

Q:\199032\B-005-Sagueros Viejos Ph. 2 Eastside\02_Landscape\08_FLP phase 2\199032_SV_E_ph2 - FLP_16 fence.dwg



REFERENCE CASE NUMBERS: OV1701685
OV1602876, OV1802848

1902999
FINAL LANDSCAPE PLAN
SAGUARIOS VIEJOS EAST (PHASE 2)
LOTS 98 THRU 173 AND COMMON AREA "A" (PRIVATE STREETS) AND
COMMON AREA "B" (LANDSCAPED & NATURAL OPEN SPACE, DRAINAGE &
RECREATION AREA)
BEING A PORTION OF SECTION 4, TOWNSHIP 12 SOUTH, RANGE 13 EAST
GILA & SALT RIVER MERIDIAN, ORO VALLEY, PIMA COUNTY, ARIZONA



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

SAGUARIOS VIEJOS EASTSIDE (PHASE 2)
LA CHOLLA BOULEVARD AND NARANJA DRIVE
ORO VALLEY, ARIZONA

FINAL LANDSCAPE PLAN
FENCE & GATE DETAILS

Sheet Title

No.	Date	Item	Scale
			AS SHOWN
			Job No. 199032B005
			Date APRIL 2020
			Designed By PNR
			Checked By GLG



Sheet 16
of 16