

LANDSCAPE CALCULATIONS

ZONING:	LC (LIMITED COMMERCIAL)
TOTAL OPEN SPACE:	9,208 SF
LIVE COVERAGE REQUIRED:	4,604 SF (50%)
LIVE COVERAGE PROVIDED:	4,760 SF (51.7%)
FRONTAGE LENGTH:	115 LF
STREET TYPE:	ARTERIAL
TREES REQUIRED:	5 TREES (1 TREE PER 25 LF)
TREES PROVIDED:	5 TREES
SHRUBS REQUIRED:	28 SHRUBS (6 SHRUBS PER 25 LF)
SHRUBS PROVIDED:	46 SHRUBS

PERIMETER LANDSCAPE	
SIDE AND REAR LOT LENGTH:	479 LF
EVERGREEN TREES REQUIRED:	14 TREES (3 TREES PER 100 LF)
EVERGREEN TREES PROVIDED:	14 TREES
24" BOX TREES REQUIRED:	7 TREES (MIN. 50%)
24" BOX TREES PROVIDED:	8 TREES (57.1%)
ALL SHRUBS ARE PLANTED FROM #5 CONTAINERS.	

INTERIOR PARKING LOT	
TOTAL TREES PROVIDED:	2 TREES
36" BOX TREES REQUIRED:	1 TREE (MIN. 10%)
36" BOX TREES PROVIDED:	1 TREE (50%)

FOUNDATION BASE	
NORTH FACE:	14 LF (NOT VISIBLE FROM PARKING, NO PUBLIC ENTRANCE)
TREES REQUIRED:	1 TREE (1 PER 50 LF)
TREES PROVIDED:	1 TREE (24" BOX)
LANDSCAPE AREA LENGTH REQUIRED:	2 LF (10% OF BUILDING FACE LENGTH)
LANDSCAPE AREA LENGTH PROVIDED:	0 LF (0%)
EAST FACE:	46 LF (VISIBLE FROM PARKING, NO PUBLIC ENTRANCE)
TREES REQUIRED:	1 TREE (1 PER 50 LF)
TREES PROVIDED:	1 TREE
LANDSCAPE AREA LENGTH REQUIRED:	3 LF (10% OF BUILDING FACE LENGTH)
LANDSCAPE AREA LENGTH PROVIDED:	29 LF (100%)
SOUTH FACE:	14 LF (VISIBLE FROM PARKING, PUBLIC ENTRANCE)
TREES REQUIRED:	1 TREE (1 PER 50 LF)
TREES PROVIDED:	1 TREE (24" BOX)
LANDSCAPE AREA LENGTH REQUIRED:	2 LF (10% OF BUILDING FACE LENGTH)
LANDSCAPE AREA LENGTH PROVIDED:	0 LF (0%)
WEST FACE:	46 LF (VISIBLE FROM PARKING, NO PUBLIC ENTRANCE)
TREES REQUIRED:	1 TREE (1 PER 50 LF)
TREES PROVIDED:	1 TREE
LANDSCAPE AREA LENGTH REQUIRED:	12 LF (25% OF BUILDING FACE LENGTH)
LANDSCAPE AREA LENGTH PROVIDED:	19 LF (40%)

NOTE: REQUIRED TREES ARE LOCATED IN ADJACENT LANDSCAPE AREA SOUTH OF THE BUILDING, DUE TO LACK OF SPACE ALONG BUILDING FACES.

TOTAL TREES IN FOUNDATION BASE:	4 TREES
36" BOX TREES REQUIRED:	1 TREE (10% MIN.)
36" BOX TREES PROVIDED:	1 TREE

LANDSCAPE CALCULATIONS - LIVE COVERAGE

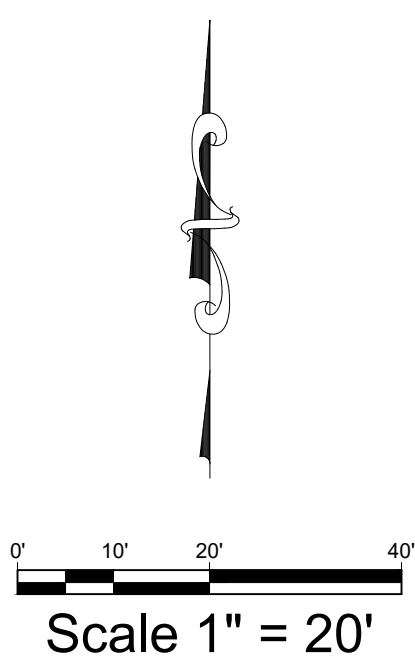
Plant Type	Area per plant	Quantity	Total Area	
Evergreen tree >25'	100 sf	18	1,800 sf	Acacia
Shade tree	50 sf	5	250 sf	Olneya, Prosopis
Ornamental tree	25 sf	2	50 sf	Chilopsis
Shrub, large (8'+)	50 sf	6	300 sf	Rhus
Shrub, medium (4'-8')	25 sf	31	775 sf	Leucophyllum, Tecoma
Shrub, small (<4')	10 sf	91	910 sf	Calliandra, Dasyliirion, Gossypium
Evergreen groundcover	25 sf	26	650 sf	Sphaeralcea
Perennials, grasses	5 sf	18	90 sf	Hesperaloe
			9,208 sf open space provided	
			4,604 sf living cover required	50%
			4,825 sf living cover provided	52.4%
			221 sf surplus or (balance)	

GENERAL GRADING AND PLANTING NOTES

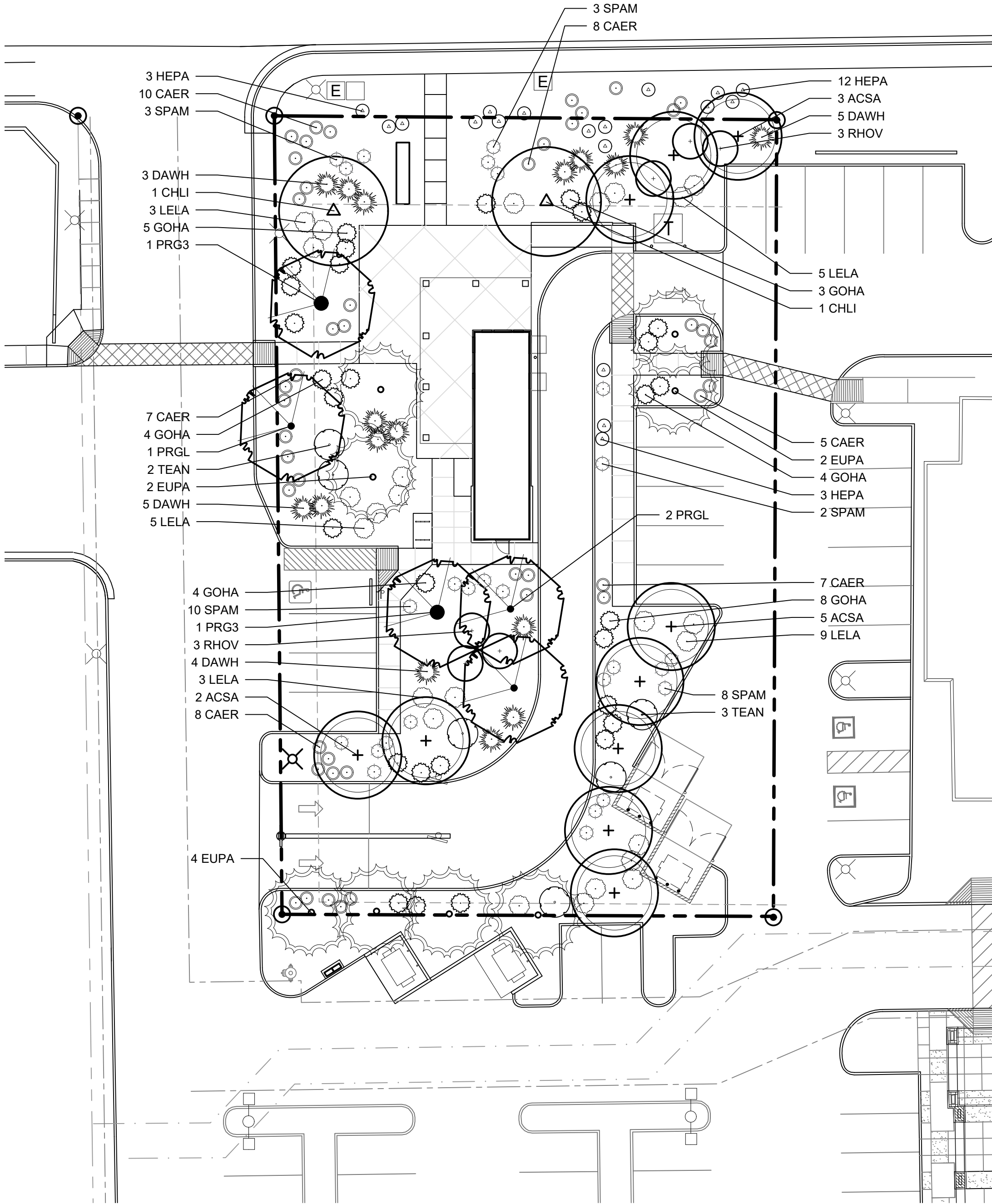
- BY SUBMITTING A PROPOSAL FOR THE LANDSCAPE PLANTING SCOPE OF WORK, THE CONTRACTOR CONFIRMS THAT HE HAS READ, AND WILL COMPLY WITH, THE ASSOCIATED NOTES, SPECIFICATIONS, AND DETAILS WITH THIS PROJECT.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL EXISTING VEGETATION (EXCEPT WHERE NOTED TO REMAIN).
- IN THE CONTEXT OF THESE PLANS, NOTES, AND SPECIFICATIONS, "FINISH GRADE" REFERS TO THE FINAL ELEVATION OF THE SOIL SURFACE (NOT TOP OF MULCH) AS INDICATED ON THE GRADING PLANS.
 - BEFORE STARTING WORK, THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE ROUGH GRADES OF ALL LANDSCAPE AREAS ARE WITHIN +/-0.1' OF FINISH GRADE. SEE SPECIFICATIONS FOR MORE DETAILED INSTRUCTION ON TURF AREA AND PLANTING BED PREPARATION.
 - CONSTRUCT AND MAINTAIN FINISH GRADES AS SHOWN ON GRADING PLANS, AND CONSTRUCT AND MAINTAIN SLOPES AS RECOMMENDED BY THE GEOTECHNICAL REPORT. ALL LANDSCAPE AREAS SHALL HAVE POSITIVE DRAINAGE AWAY FROM STRUCTURES AT THE MINIMUM SLOPE SPECIFIED IN THE REPORT AND ON THE GRADING PLANS, AND AREAS OF POTENTIAL PONDING SHALL BE REGRADED TO BLEND IN WITH THE SURROUNDING GRADES AND ELIMINATE PONDING POTENTIAL.
 - THE LANDSCAPE CONTRACTOR SHALL DETERMINE WHETHER OR NOT THE EXPORT OF ANY SOIL WILL BE NEEDED, TAKING INTO ACCOUNT THE ROUGH GRADE PROVIDED, THE AMOUNT OF SOIL AMENDMENTS TO BE ADDED (**BASED ON A SOIL TEST**, PER SPECIFICATIONS), AND THE FINISH GRADES TO BE ESTABLISHED.
 - ENSURE THAT THE FINISH GRADE IN SHRUB AREAS IMMEDIATELY ADJACENT TO WALKS AND OTHER WALKING SURFACES, AFTER INSTALLING SOIL AMENDMENTS, IS 3" BELOW THE ADJACENT FINISH SURFACE, IN ORDER TO ALLOW FOR PROPER MULCH DEPTH. TAPER THE SOIL SURFACE TO MEET FINISH GRADE, AS SPECIFIED ON THE GRADING PLANS, AT APPROXIMATELY 18" AWAY FROM THE WALKS.
 - SHOULD ANY CONFLICTS AND/OR DISCREPANCIES ARISE BETWEEN THE GRADING PLANS, GEOTECHNICAL REPORT, THESE NOTES AND PLANS, AND ACTUAL CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY BRING SUCH ITEMS TO THE ATTENTION OF THE LANDSCAPE ARCHITECT, GENERAL CONTRACTOR, AND OWNER.
- ALL PLANT LOCATIONS ARE DIAGRAMMATIC. ACTUAL LOCATIONS SHALL BE VERIFIED WITH THE LANDSCAPE ARCHITECT OR DESIGNER PRIOR TO PLANTING. THE LANDSCAPE CONTRACTOR SHALL ENSURE THAT ALL REQUIREMENTS OF THE PERMITTING AUTHORITY ARE MET (I.E., MINIMUM PLANT QUANTITIES, PLANTING METHODS, TREE PROTECTION METHODS, ETC.).
 - THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR DETERMINING PLANT QUANTITIES; PLANT QUANTITIES SHOWN ON LEGENDS AND CALLOUTS ARE FOR GENERAL INFORMATION ONLY. IN THE EVENT OF A DISCREPANCY BETWEEN THE PLAN AND THE PLANT LEGEND, THE PLANT QUANTITY AS SHOWN ON THE PLAN (FOR INDIVIDUAL SYMBOLS) OR CALLOUT (FOR GROUNDCOVER PATTERNS) SHALL TAKE PRECEDENCE.
 - NO SUBSTITUTIONS OF PLANT MATERIALS SHALL BE ALLOWED WITHOUT THE WRITTEN PERMISSION OF THE LANDSCAPE ARCHITECT.** IF SOME OF THE PLANTS ARE NOT AVAILABLE, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING (VIA PROPER CHANNELS).
 - THE CONTRACTOR SHALL, AT A MINIMUM, PROVIDE REPRESENTATIVE PHOTOS OF ALL PLANTS PROPOSED FOR THE PROJECT. THE CONTRACTOR SHALL ALLOW THE LANDSCAPE ARCHITECT AND THE OWNER/OWNER'S REPRESENTATIVE TO INSPECT, AND APPROVE OR REJECT, ALL PLANTS DELIVERED TO THE JOBSITE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR SUBMITTALS.
- THE CONTRACTOR SHALL MAINTAIN THE LANDSCAPE IN A HEALTHY CONDITION FOR 90 DAYS AFTER ACCEPTANCE BY THE OWNER. REFER TO SPECIFICATIONS FOR CONDITIONS OF ACCEPTANCE FOR THE START OF THE MAINTENANCE PERIOD, AND FOR FINAL ACCEPTANCE AT THE END OF THE MAINTENANCE PERIOD.
- SEE SPECIFICATIONS AND DETAILS FOR FURTHER REQUIREMENTS.

ROOT BARRIERS

THE CONTRACTOR SHALL INSTALL ROOT BARRIERS NEAR ALL NEWLY-PLANTED TREES THAT ARE LOCATED WITHIN FIVE (5) FEET OF PAVING OR CURBS. ROOT BARRIERS SHALL BE "CENTURY" OR "DEEP-ROOT" 24" DEEP PANELS (OR EQUAL). BARRIERS SHALL BE LOCATED IMMEDIATELY ADJACENT TO HARDSCAPE. INSTALL PANELS PER MANUFACTURER'S RECOMMENDATIONS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR USE ROOT BARRIERS OF A TYPE THAT COMPLETELY ENCIRCLE THE ROOTBALL.



GUADALUPE ROAD



PLANTING LEGEND

SYMBOL	BOTANIC NAME	COMMON NAME	SIZE	SPACING	QUANTITY	REMARKS
TREES						
ACSA	Acacia salicina	Willow Acacia	#15 cont.	Per plan	10	8'-10' high
CHLI	Chilopsis linearis 'Art's Seedless'	Seedless Desert Willow	24" box	Per plan	2	8'-10' high, std. form
EUPA	Eucalyptus papuana	Ghost Gum	24" box	Per plan	8	8' high
PRGL	Prosopis glandulosa 'Maverick'	Thornless Honey Mesquite	24" box	Per plan	3	8'-10' high
PRG3	Prosopis glandulosa 'Maverick'	Thornless Honey Mesquite	36" box	Per plan	2	10'-12' high
SHRUBS						
CAER	Calliandra eriophylla	Fairy Duster	#5 cont.	Per plan	45	
DAWH	Dasyliirion wheeleri	Desert Spoon	#5 cont.	Per plan	17	
GOHA	Gossypium harknessii	San Marcos Hibiscus	#5 cont.	Per plan	29	
LELA	Leucophyllum langmanniae 'Lynn's Legacy'	Lynn's Legacy Texas Sage	#5 cont.	Per plan	25	
RHOV	Rhus ovata	Sugar Bush	#5 cont.	Per plan	6	
TEAN	Tecoma stans var. angustata	Esperanza	#5 cont.	Per plan	6	
PERENNIALS AND ORNAMENTAL GRASSES						
HEPA	Hesperaloe parviflora 'Perpa'	Brakelights Red Yucca	#1 cont.	Per plan	18	
SPAM	Sphaeralcea ambigua	Desert Mallow	#1 cont.	Per plan	26	

MULCHES

AFTER ALL PLANTING IS COMPLETE, CONTRACTOR SHALL INSTALL 3" THICK LAYER OF "FLORENCE GOLD" ROCK MULCH, 3/4" (AS MADE BY D&D MATERIALS, TUCSON, AZ, OR EQUAL) OVER LANDSCAPE FABRIC IN ALL PLANTING AREAS, EXCEPT WHERE NOTED. CONTRACTOR SHALL SUBMIT SAMPLES OF ALL MULCHES TO LANDSCAPE ARCHITECT AND OWNER FOR APPROVAL PRIOR TO CONSTRUCTION. ABSOLUTELY NO EXPOSED GROUND SHALL BE LEFT SHOWING ANYWHERE ON THE PROJECT AFTER MULCH HAS BEEN INSTALLED.



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project:

ZIGI'S COFFEE
SHOPS AT SOSSAMAN

7645 E. GUADALUPE ROAD
MESA, ARIZONA 85212

date: 7/31/20

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1		
2		
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