

4 DI2 Desert Ironwood Olneya tesota 10' ht., 3' spread, matching 3 DI3 Desert Ironwood Olneya tesota 12' ht., 4' spread, matching 2 HM 12' ht., 4' spread, matching Honey Mesquite Prosopis glandulosa 3 PV Parkinsonia florida 10' ht., 3' spread, matching Palo Verde 24" tree box **SHRUBS** Chihuahuan Sage 14 CS full, 24" sprd, 36" o.c. 5 gal. Leucophyllum laevigatum 18 DA Damianita Chrysactina mexicana 5 gal. full, 24" o.c. 15 FC Firecracker Plant full, 24" o.c. Russelia equisetiformis 5 gal. 30 GM full, 30" o.c. Gulf Muhly "Regal Mist" Muhlenbergia capillaris 20 RY Red Yucca Hesperaloe parvifolia 5 gal. full, 24" sprd, 30" o.c. 10 TM Twisted Myrtle Myrtus communis 7 gal. full, 30" sprd, 48" o.c. 11 VB Eremophila maculata 'Valentine' 5 gal. full, 24" sprd, 36" o.c. Valentine Bush **GROUNDCOVER/VINES/GRASS** 25 NGL New Gold Lantana Lantana x hybrida 'New Gold' full, 24" o.c. **Decomposed Granite** 2-4" River Rock

Plant list is an aid to bidders only. Contractor shall verify all quantities on plan. All heights and spreads are minimums. Trees shall have a strong central leader and be of matching specimens. All plant material shall meet or exceed remarks as indicated.

GENERAL LAWN NOTES

- 1. CONTRACTOR SHALL COORDINATE OPERATIONS AND AVAILABILITY OF EXISTING TOPSOIL WITH ON-SITE CONSTRUCTION MANAGER
- LAWN AREAS SHALL BE LEFT 1" BELOW FINAL FINISHED GRADE PRIOR TO TOPSOIL INSTALLATION. 3. CONTRACTOR TO FIND GRADE AREAS TO ACHIEVE FINAL CONTOURS
- AS SHOWN ON CIVIL DRAWINGS. POSITIVE DRAINAGE SHALL BE PROVIDED AWAY FROM ALL BUILDINGS. ROUNDING AT TOP AND BOTTOM OF SLOPES SHALL BE PROVIDED AND IN OTHER BREAKS IN GRADE. CORRECT AREAS WHERE STANDING WATER MAY OCCUR. 4. ALL LAWN AREAS SHALL BE FINE GRADED, IRRIGATION TRENCHES
- COMPLETELY SETTLED AND FINISH GRADE APPROVED BY THE OWNER'S CONSTRUCTION MANAGER OR LANDSCAPE ARCHITECT PRIOR TO LAWN INSTALLATION.
- 5. CONTRACTOR SHALL REMOVE ALL ROCKS 3/4" IN DIAMETER AND LARGER. REMOVE ALL DIRT CLODS, STICKS, CONCRETE SPOILS, TRASH ETC PRIOR TO PLACING TOPSOIL AND GRASS INSTALLATION. 6. CONTRACTOR SHALL MAINTAIN ALL LAWN AREAS UNTIL FINAL
- ACCEPTANCE. 7. CONTRACTOR SHALL GUARANTEE ESTABLISHMENT OF ACCEPTABLE TURF AREA AND SHALL PROVIDE REPLACEMENT IF NECESSARY.

SOLID SOD: 1. SOLID SOD SHALL BE PLACED ALONG ALL IMPERVIOUS EDGES, AT A MINIMUM. THIS SHALL INCLUDE CURBS, WALKS, INLETS, MANHOLES

- AND PLANTING BED AREAS. SOD SHALL COVER OTHER AREAS COMPLETELY AS INDICATED BY PLAN 2. SOD SHALL BE STRONGLY ROOTED DROUGHT RESISTANT SOD, NOT LESS THAN 2 YEARS OLD, FREE OF WEEDS AND UNDESIRABLE NATIVE
- EXCLUDING TOP GROWTH AND THATCH. 3. LAY SOD BY HAND TO COVER INDICATED AREAS COMPLETELY, ENSURING EDGES ARE TOUCHING WITH TIGHTLY FITTING JOINTS, NO

GRASS AND MACHINE CUT TO PAD THICKNESS OF 3/4" (+1/4"),

- OVERLAPS WITH STAGGERED STRIPS TO OFFSET JOINTS. 4. TOP DRESS JOINTS IN SOD BY HAND WITH TOPSOIL TO FILL VOIDS IF
- 5. SOD SHALL BE ROLLED TO CREATE A SMOOTH EVEN SURFACE. SOD
- SHOULD BE WATERED THOROUGHLY DURING INSTALLATION PROCESS. 6. SHOULD INSTALLATION OCCUR BETWEEN OCTOBER 1ST AND MARCH
- 1ST, OVERSEED BERMUDAGRASS SOD WITH WINTER RYEGRASS AT A RATE OF 4 POUNDS PER 1000 S.F.

HYDROMULCH:

Site: 29265 s.f.

- 1. SCARIFY AND LOOSEN ALL AREAS TO BE HYDROMULCHED TO A MINIMUM DEPTH OF 4" PRIOR TO TOPSOIL AND HYDROMULCH
- INSTALLATION. 2. BERMUDA GRASS SEED SHALL BE EXTRA HULLED, TREATED LAWN TYPE. SEED SHALL BE DELIVERED TO THE SITE IN ITS ORIGINAL UNOPENED CONTAINER AND SHALL MEET ALL STATE/LOCAL LAW REQUIREMENTS.
- 3. FIBER SHALL BE 100% WOOD CELLULOSE FIVER, DELIVERED TO THE SITE IN ITS ORIGINAL UNOPENED CONTAINER AS MANUFACTURED BY "CONWEB' OR FOUAL 4. FIBER TACK SHALL BE DELIVERED TO THE SITE IN ITS UNOPENED
- CONTAINER AND SHALL BE 'TERRO-TACK ONE', AS MANUFACTURED BY GROWERS, INC OR APPROVED EQUAL.
- 5. HYDROMULCH WITH BERMUDA GRASS SEET AT A RATE OF 2 POUNDS PER 1000 S.F
- 6. USE A BATTER BOARD AGAINST ALL BED AREAS TO PREVENT OVER 7. IF INADEQUATE MOISTURE IS PRESENT IN SOIL, APPLY WATER AS
- NECESSARY FOR OPTIMUM MOISTURE FOR SEED APPLICATION. 8. IF INSTALLATION OCCURS BETWEEN SEPTEMBER 1ST AND MAY 1ST, ALL HYDORMULCH AREAS SHALL BE OVER-SEEDED WITH WINTER RYE GRASS AT A RATE OF FOUR POUNDS PER ONE THOUSAND
- SQUARE FEET. CONTRACTOR SHALL BE REQUIRED TO RE-HYDROMULCH WITH BERMUDA GRASS THE FOLLOWING GROWING SEASON AS PART OF THIS CONTRACT. 9. AFTER APPLICATION, NO EQUIPMENT SHALL OPERATE OVER

1. 50% of all required open space shall contain live plant material

APPLIED AREAS. WATER SEEDED AREAS IMMEDIATELY AFTER INSTALLATION TO SATURATION. 10. ALL LAWN AREAS TO BE HYDROMULCHED SHALL ACHIEVE 100% COVERAGE PRIOR TO FINAL ACCEPTANCE.

LANDSCAPE TABULATIONS for Mesa, AZ

PROVIDED

evergreen tree @100 s.f. X x = 0

shade tree @ 50 s.f. X 9 = 450

existing trees@ 50 s.f. X 11 = 550

ornamental tree @ 25 s.f. X 3 = 75

medium shrub 4-8' @ 25 s.f. X 35 = 875

small shrub <4' @ 10 s.f. X 53 = 530

perennial plant/g.c. @ 5 s.f. X x = 125

large ornamental grass @ 10 s.f. X 30 = 300

large shrub 8'> @ 50 s.f. X x = 0

evergreen g.c. @ 25 s.f. X x = 0

8 existing trees; 1 proposed tree

2 existing trees; 1 proposed tree

19 existing shrubs; 36 proposed shrubs

TOTAL 2905 s.f.

Perimeter Requirements

PROVIDED

Interior Parking Lot Requirements

5 trees

15 shrubs

PROVIDED

12 shrubs

Building Requirements

foundation planting

1. Building shall provide landscape at the base/foundation with plant materials such as trees, shrubs and perennials. Planting area shall be no less than 5' in

2 trees

GRAPHIC SCALE

Scale 1"=20' - 0"

2 trees

16 existing shrubs

1. 1 tree and 6 shrubs per 25 l.f. of street frontage.

1. Each landscape island shall contain 1 tree and 3 shrubs.

2. One tree shall be provided for every 50' of wall.

2. Median Planting - One shade tree and six shrubs every 8 spaces.

Country Club Drive: 223 I.f.

9 trees

3 trees

5 trees

2 trees

2 trees

12 shrubs

15 shrubs

REQUIRED

Parking spaces: 10

foundation planting

13 shrubs

53 shrubs

Baseline: 67 l.f.

- 1. CONTRACTOR TO VERIFY AND LOCATE ALL PROPOSED AND EXISTING ELEMENTS. NOTIFY LANDSCAPE ARCHITECT OR DESIGNATED REPRESENTATIVE FOR ANY LAYOUT DISCREPANCIES OR ANY CONDITION THAT WOULD PROHIBIT THE INSTALLATION AS SHOWN. SURVEY DATA OF
- 2. CONTRACTOR SHALL CALL 811 TO VERIFY AND LOCATE ANY AND ALL UTILITIES ON SITE PRIOR TO COMMENCING WORK. LANDSCAPE ARCHITECT SHOULD BE NOTIFIED OF ANY CONFLICTS, CONTRACTOR TO EXERCISE EXTREME CAUTION WHEN WORKING NEAR UNDERGROUND
- STRUCTURES.
- 4. CONTRACTOR SHALL FINE GRADE AREAS TO ACHIEVE FINAL CONTOURS AS INDICATED. LEAVE AREAS TO RECEIVE TOPSOIL 3" BELOW FINAL FINISHED GRADE IN PLANTING AREAS AND 1" BELOW FINAL FINISHED
- 6. PLANTING AREAS AND SOD TO BE SEPARATED BY STEEL EDGING. NO STEEL EDGING SHALL BE INSTALLED ADJACENT TO BUILDINGS, WALKS
- 7. EDGING SHALL BE CUT AT 45 DEGREE ANGLE WHERE IT INTERSECTS WALKS AND/OR CURBS.
- 9. QUANTITIES ON THESE PLANS ARE FOR REFERENCE ONLY. THE SPACING OF PLANTS SHOULD BE AS INDICATED ON PLANS OR OTHERWISE NOTED.
- 10. CONTAINER GROWN PLANT MATERIAL IS PREFERRED HOWEVER BALL AND BURLAP PLANT MATERIAL CAN BE SUBSTITUTED IF NEED BE AND IS APPROPRIATE TO THE SIZE AND QUALITY INDICATED ON THE PLANT
- 11. TREES SHALL BE PLANTED AT A MINIMUM OF 5' FROM ANY UTILITY LINE, SIDEWALK OR CURB. TREES SHALL ALSO BE 10' CLEAR FROM FIRE
- 12. 4" OF SHREDDED HARDWOOD MULCH (2" SETTLED THICKNESS) SHALL BE
- 13. WEED BARRIER FABRIC SHALL BE USED IN PLANT BEDS AND AROUND ALL
- 14. CONTRACTOR TO PROVIDE UNIT PRICING OF LANDSCAPE MATERIALS AND BE RESPONSIBLE FOR OBTAINING ALL LANDSCAPE AND IRRIGATION

1. ALL REQUIRED LANDSCAPE AREAS SHALL HAVE AN AUTOMATIC IRRIGATION SYSTEM WITH A FREEZE/RAIN SENSOR. SYSTEM SHALL ALSO HAVE AN ET WEATHER BASED CONTROLLER AND BE DESIGNED AND INSTALLED BY A LICENSED IRRIGATOR.

AINTENANCE REQUIREMENTS: 1. VEGETATION SHOULD BE INSPECTED REGULARLY TO ENSURE THAT PLANT MATERIAL IS ESTABLISHING PROPERLY AND REMAINS IN A HEALTHY GROWING CONDITION APPROPRIATE FOR THE SEASON. IF

2. MOWING, TRIMMING, EDGING AND SUPERVISION OF WATER APPLICATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL THE OWNER OR OWNER'S REPRESENTATIVE ACCEPTS AND

- 1. STEEL EDGING SHALL BE 3/16" X 4 X 16' DARK BROWN DURAEDGE
- PLANS/DETAILS. 2. RIVER ROCK SHALL BE ARIZONA RIVER ROCK, 2" - 4" DIAMETER. RIVER ROCK SHALL BE COMPACTED TO A MINIMUM OF 3" DEPTH OVER
- SHALL BE PLACED OVER FILTER FABRIC AT A MINIMUM OF 3" DEPTH. 4 BOULDERS SHALL BE ON AVERAGE 36" X 24" X 24" AND A MIN, OF 500LBS BOULDER TO BE SET IN GROUND ON A 1" SAND SETTING BED. APPROXIMATELY 2" BELOW FINISH GRADE, BOULDER SHOULD HAVE A

- 4. IF BALLING OR SHEARING OF TREES HAS OCCURRED IN THE PAST, DISCONTINUE THIS PRACTICE AND ALLOW PLANTS TO GROW INTO NATURAL
- 5. REMOVE SUCKERS, DEAD, DYING, DISEASED, BROKEN AND / OR WEAK BRANCHES FROM ALL TREES ALONG THE MAIN TRUNK STRUCTURE AND
- 6. CONTRACTOR SHALL PRUNE EXISTING DECIDUOUS HARDWOOD BY REMOVING LOWER LIMBS TO RAISE THE CANOPY. THE BOTTOM OF THE CANOPY SHALL BE RAISED TO 12'-0" ABOVE GRADE FOR DECIDIOUS HARDWOOD TREES
- TREE SHALL BE MAINTAINED. DO NOT CUT OR PRUNE CENTRAL LEADERS. CONTRACTOR SHALL THIN THE CANOPY BY ONE-FOURTH. PRUNE TREE TO EVENLY SPACE BRANCHES WITHIN THE CANOPY WHENEVER POSSIBLE
- CONTRACTOR SHALL PROVIDE DEEP ROOT FEEDING AND INVIGORATION OF EXISTING TREES. THIS SHALL BE ORGANIC BASED NUTRIENTS BASED FOR ROOT GROWTH AND LEAF GROWTH STIMULATION.





EXISTING CONDITIONS WAS SUPPLIED BY OTHERS

3. A MINIMUM OF 2% SLOPE SHALL BE PROVIDED AWAY FROM ALL

GRADE IN LAWN AREAS.

5. LANDSCAPE ISLANDS SHALL BE CROWNED, AND UNIFORM THROUGHOUT

OR CURBS. EDGING NOT TO BE MORE THAN 1/2" ABOVE FINISHED GRADE.

8. MULCH SHALL BE INSTALLED AT 1/2" BELOW THE TOPS OF SIDEWALKS

ALL TREES AND SHRUBS SHALL BE PLANTED PER DETAILS.

MATERIAL LIST.

PLACED OVER WEED BARRIER FABRIC. MULCH SHALL BE SHREDDED HARDWOOD MULCH OR APPROVED EQUAL, PINE STRAW MULCH IS

TREES AND SHALL BE MIRAFI 1405 WEED BARRIER OR APPROVED EQUAL.

- DAMAGED OR REMOVED, PLANTS MUST BE REPLACED BY A SIMILAR VARIETY AND SIZE.
- ASSUMES REGULAR MAINTENANCE. 3. ALL LANDSCAPE AREAS SHOULD BE CLEANED AND KEPT FREE OF TRASH, DEBRIS, WEEDS AND OTHER MATERIAL.

- STEEL LANDSCAPE EDGING UNLESS NOTED OTHERWISE ON
- FILTER FABRIC. 3. DECOMPOSED GRANITE SHALL CONSIST OF A NATURAL MIX OF
- GRANITE AGGREGATE NOT TO EXCEED 1/8" IN DIAMETER AND COMPOSED OF VARIOUS STAGES OF DECOMPOSED EARTH BASE. DG
- WEATHERED FINISH. EACH BOULDER HAS A NATURAL TOP AND BOTTOM. ENSURE THAT THE BOULDER IS POSITIONED CORRECTLY

PRUNING AND TRIMMING NOTES

1. CONTRACTOR SHALL PRUNE ALL EXISTING TREES ON-SITE USING STANDARD GUIDELINES IN THE INDUSTRY

- 2. ALL TREES SHALL BE TRIMMED SO THAT NATURAL SHAPES OF THE PLANTS ARE RETAINED.
- 3. DO NOT 'TOP' OR 'HEAD' TREES.
- WITHIN THE BRANCHING AREA
- WHEN POSSIBLE. THE INTEGRITY OF THE CANOPY AND STRUCTURE OF THE
- REMOVE THOSE LIMBS THAT CROSS OTHERS, DOUBLE LEADERS AND THOSE THAT EXCESSIVELY EXTEND BEYOND THE NATURAL CROWN OF THE TREE.
- 9. CONTRACTOR SHALL BE REQUIRED TO CHIP ALL REMOVED BRANCHES,



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24 HOUR EMERGENCY CONTAC

2023-3-13

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