

OLYMPUS GATEWAY - PECOS & S 89TH PL

MESA

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site data:

ZONING: LT  
NET SITE AREA: 84,564 SF / 1.94 AC

sheet index

| SHEET       | TITLE               |
|-------------|---------------------|
| L.01        | COVER SHEET & NOTES |
| L.02 - L.03 | PLANTING PLAN       |

city of mesa landscape data

|   |                       |
|---|-----------------------|
| ZONING:                                     | LT - LIGHT INDUSTRIAL |
| NET SITE AREA:                              | 84,564 SF / 1.94 AC   |
| TOTAL R.O.W.:                               | NOT A PART            |
| TOTAL FRONTAGE:                             | 967 L.F.              |
| TOTAL ON-SITE LANDSCAPE:                    | 22,375 S.F.           |
| PERCENTAGE OF LANDSCAPE:                    | 85.2%                 |
| OVERALL:                                    |                       |
| TREES PROVIDED FOR ENTIRE SITE:             | 71 TREES              |
| 36" BOX TREES REQUIRED:                     | 18 TREES              |
| (25% OF TREES REQUIRED FOR ENTIRE SITE)     |                       |
| 36" BOX TREES PROVIDED:                     | 18 TREES              |
| STREET FRONTAGE 967 LINEAR FEET:            |                       |
| TREES REQUIRED:                             | 38                    |
| (1 PER 25' OF STREET FRONTAGE - 967/25= 38) |                       |
| TREES PROVIDED:                             | 38                    |
| 24" BOX TREES REQUIRED:                     | 19                    |
| (50% OF TREES REQUIRED)                     |                       |
| 24" BOX TREES PROVIDED:                     | 19                    |
| 36" BOX TREES REQUIRED:                     | 10                    |
| (25% OF TREES REQUIRED)                     |                       |
| 36" BOX TREES PROVIDED:                     | 10                    |
| SHRUBS REQUIRED:                            | 228                   |
| (6 PER 25' OF STREET FRONTAGE)              |                       |
| SHRUBS PROVIDED:                            | 228                   |

city of mesa vegetation credit table

|  | CREDIT (S.F.) | QTY ON PLAN | TOTAL CREDIT (S.F.) |
|--|---------------|-------------|---------------------|
| EVERGREEN TREE:<br>(MIN. 25'-0" TALL AT MATURITY)          | 100           | 53          | 5,300               |
| SHADE TREE:  | 50            | 18          | 900                 |
| LARGE SHRUB:<br>(MIN. 8'-0" TALL AT MATURITY)              | 50            | 25          | 1,400               |
| MEDIUM SHRUB:<br>(4'-0" - 8'-0" TALL AT MATURITY)          | 25            | 365         | 9,125               |
| EVERGREEN GROUNDCOVER:                                     | 25            | 220         | 5,500               |
| COLUMNAR EVERGREEN SHRUB:<br>(MAX. 8'-0" TALL AT MATURITY) | 10            | 15          | 150                 |
| TOTAL VEGETATION CREDIT (S.F.)                             |               |             | 22,375              |
| TOTAL OPEN SPACE (S.F.)                                    |               |             | 26,275              |
| VEGETATION COVERAGE (%)                                    |               |             | 85.16               |

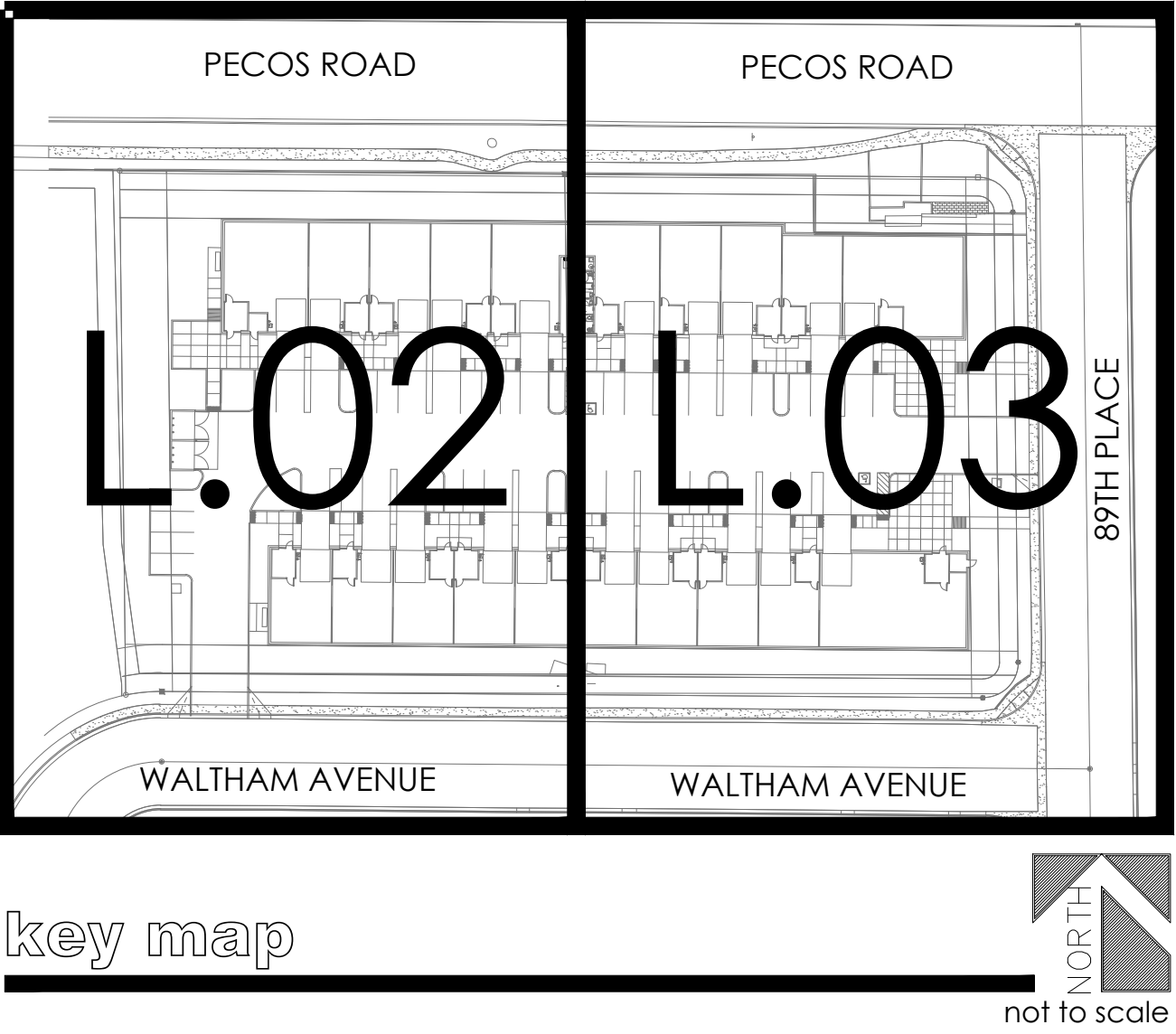
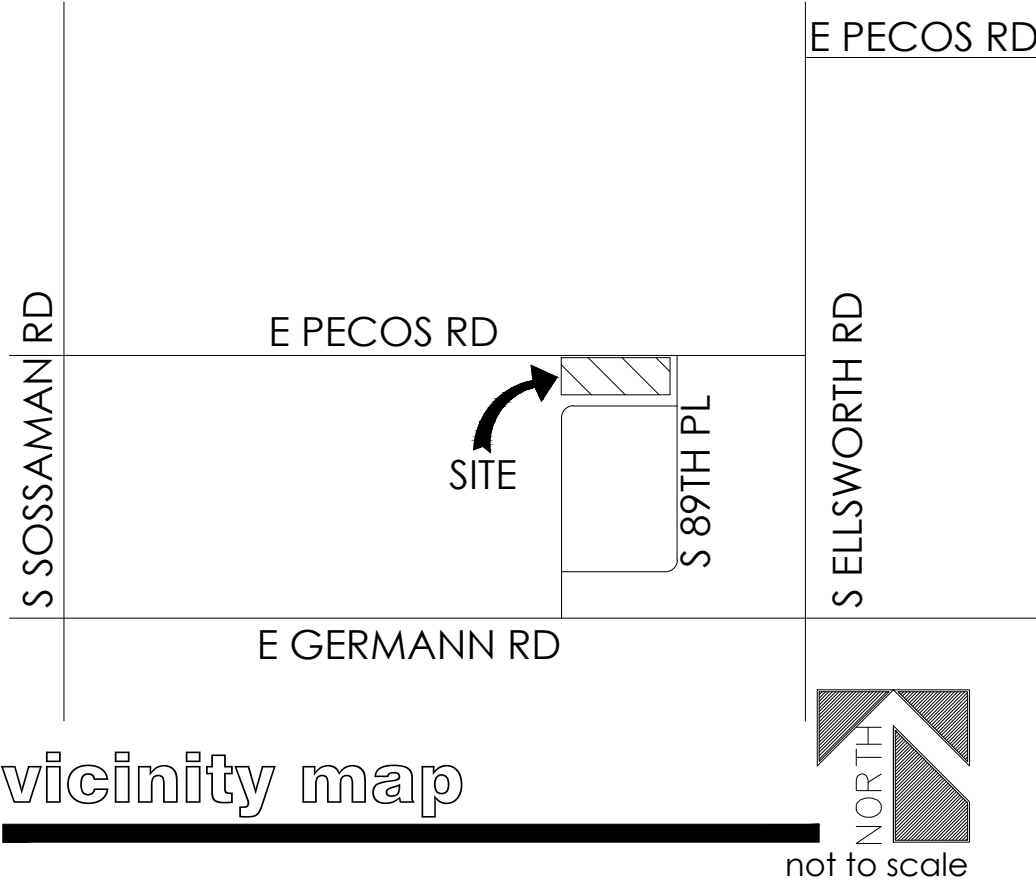
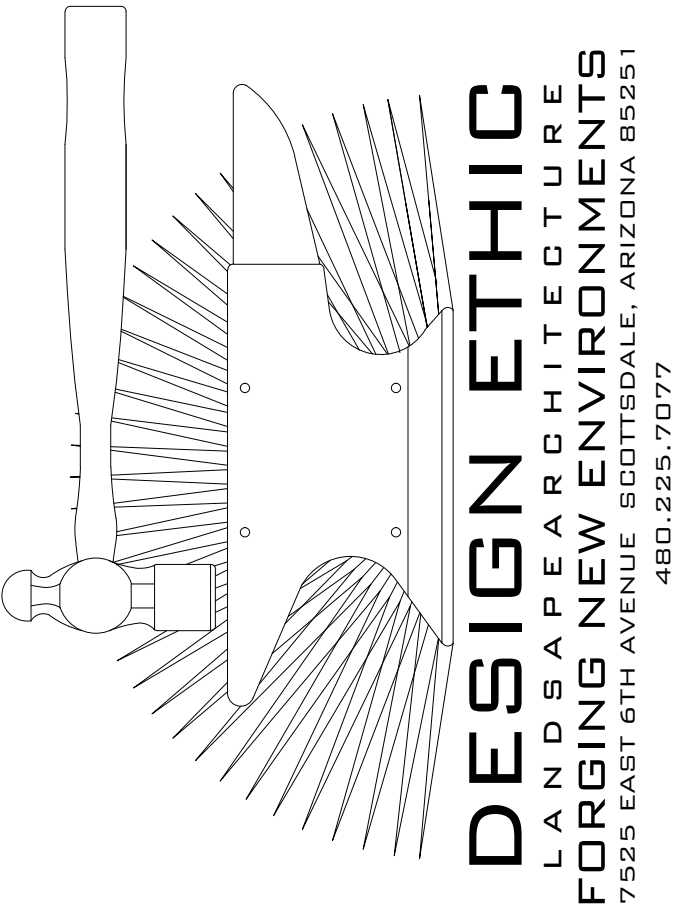
city of mesa notes

ALL LANDSCAPING WITHIN THE RIGHT-OF-WAY IS IN CONFORMANCE WITH THE LOW WATER USE PLANT LIST PROVIDED BY THE ARIZONA DEPT. OF WATER RESOURCES.

ALL LANDSCAPING INSTALLED WITH THIS PROJECT SHALL BE MAINTAINED BY OWNER/OR LESSEE IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN. TREE HEIGHTS & CALIPERS WILL COMPLY WITH "ARIZONA NURSEY ASSOCIATION SPECIFICATIONS" FOR THAT TYPE & SIZE OF TREE.

ALL TREES AND SHRUBS LOCATED IN THE LINE-OF-SIGHT WILL BE MAINTAINED FOR A CLEAR AREA BETWEEN 3' TO 7' ALL BACKFLOW PREVENTERS 2" OR LARGER SHALL BE SCREENED WITH LANDSCAPE MATERIAL LOCATED WITHIN A 6' RADIUS OF OF THE BACKFLOW PREVENTER.

ALL BACKFLOW PREVENTERS LESS THAN 2" SHALL BE PLACED IN A WIRE MESH BASKET AND PAINTED GREEN.



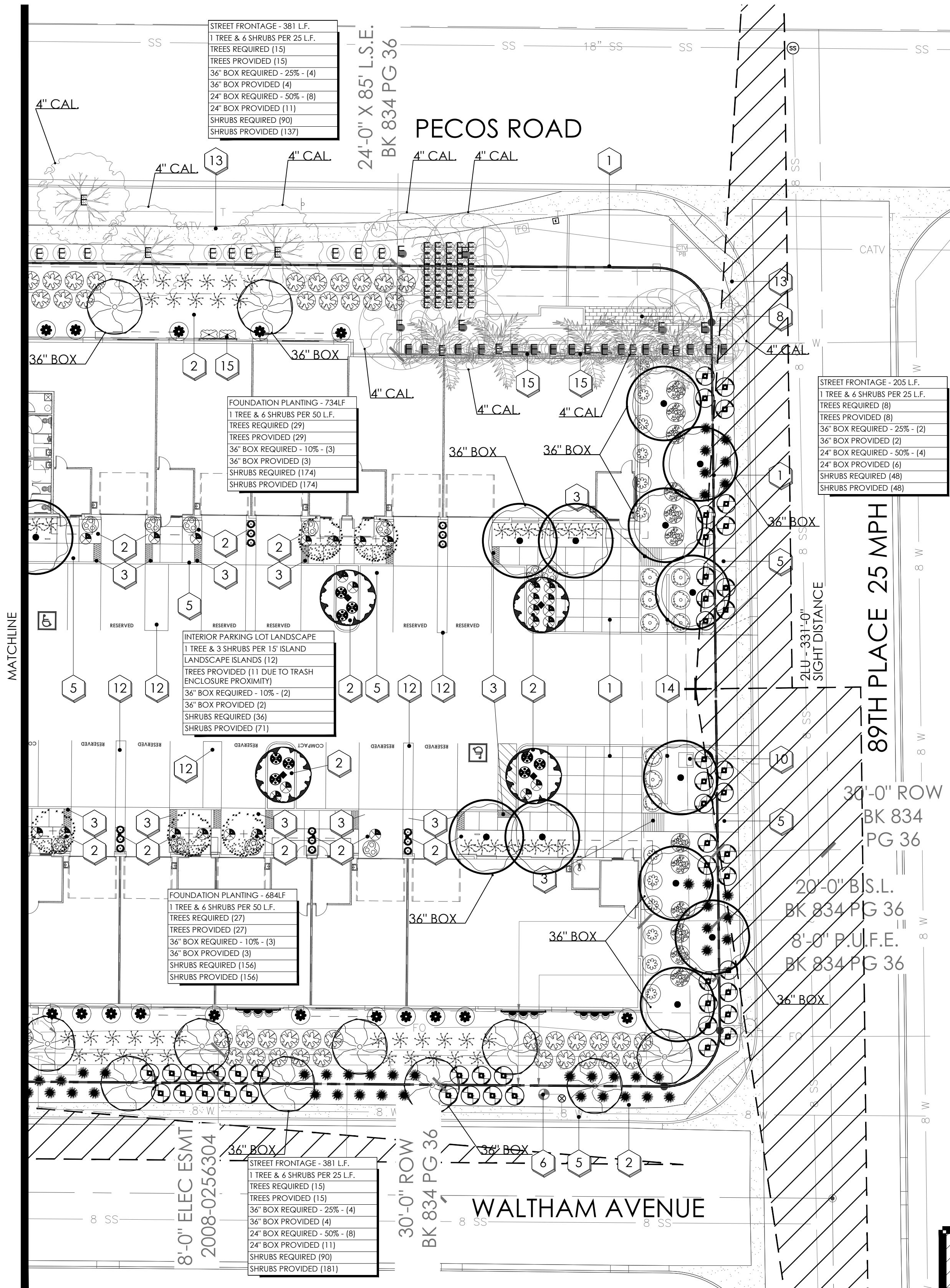
OLYMPUS GATEWAY  
PECOS RD & SOUTH 89TH PL  
MESA, ARIZONA  
COVER SHEET & NOTES

|            |            |
|------------|------------|
| PROJECT:   |            |
| JOB NO:    | 21-077     |
| DATE:      |            |
| DRAWN BY:  | B. PAUL    |
| SUBMITTED: | 08.03.2022 |
| REVISED:   |            |
| SHEET      |            |









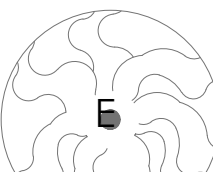
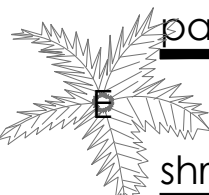



existing landscape & irrigation notes

1. SITE VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE LANDSCAPE ARCHITECT'S ATTENTION WITHIN 24 HOURS OF THE OBSERVATION.
2. CONTRACTOR TO INSPECT EXISTING IRRIGATION SYSTEM AND VERIFY THAT THE SYSTEM IS WORKING PROPERLY.
3. ALL PLANT MATERIAL DESIGNATED AS "EXISTING TO REMAIN" SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION. ANY TREE(S) THAT DIE DUE TO: LACK OF WATER, LACK OF MAINTENANCE OR CARE, NEGLECT OR VANDALISM SHALL BE REPLACED BY A SIMILAR SPECIES OF TREE, (MINIMUM 48" BOX) AT NO ADDITIONAL COST TO OWNER. PALMS THAT DIE SHALL BE REPLACED WITH LIKE TYPE: HEIGHT AND SIZE. ALL SHRUBS AND GROUNDCOVER SHALL BE REPLACED WITH 5 GALLON PLANTS.
4. LANDSCAPE AREAS DISTURBED BY NEW CONSTRUCTION SHALL BE REPAIRED WITH SOD IN TURF AREAS AND NEW DECOMPOSED GRANITE MATCHING EXISTING. BLEND ALL DISTURBED AREAS WITH UNDISTURBED SO THERE IS A SMOOTH TRANSITION BETWEEN ALL EDGES. REPLACE ALL DISTURBED, BROKEN OR DAMAGED HEADERS WITH MATCHING TYPE.
5. ALL EXISTING PLANT MATERIAL AND ADJACENT PLANT MATERIAL SHALL HAVE UN-INTERRUPTED WATERING DURING ALL PHASES OF CONSTRUCTION. THIS SHALL INCLUDE BUT NOT BE LIMITED TO; HAND WATERING, TEMPORARY ABOVE GROUND IRRIGATION, EXISTING SYSTEM ,ETC.
6. THE EXISTING IRRIGATION SYSTEM SHALL BE PROTECTED, MAINTAINED AND REPAIRED DURING ALL PHASES OF CONSTRUCTION. ALL EQUIPMENT SUCH AS MAINLINE, WIRES, LATERAL HEADS AND ETC. SHALL BE REPAIRED AND REPLACED TO MAINTAIN CONTINUOUS WATER.
7. PROVIDE NEW SCHEDULE 40 SLEEVES AT ALL NEW DRIVES. (SEE SLEEVE SCHEDULE FOR SIZE.) ANY EXISTING IRRIGATION SYSTEM IS TO BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND GUARANTEE 100% COVERAGE.
8. EXISTING TREES TO REMAIN SHALL BE SELECTIVELY PRUNED PER LANDSCAPE ARCHITECT INSTRUCTIONS.
9. ALL EXISTING SHRUBS WITHIN THE SIGHT DISTANCE LINES AND SIGHT VISIBILITY TRIANGLES SHALL BE SELECTIVELY PRUNED SO THAT THEY DO NOT EXCEED A MAXIMUM HEIGHT OF 30 INCHES.
10. ALL EXISTING TREES SHALL BE TRIMMED TO MAINTAIN A CLEAR A MINIMUM CANOPY HEIGHT OF 7 FEET.



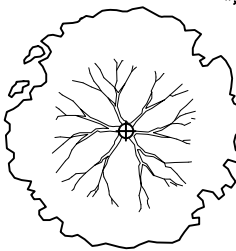


















planting key notes

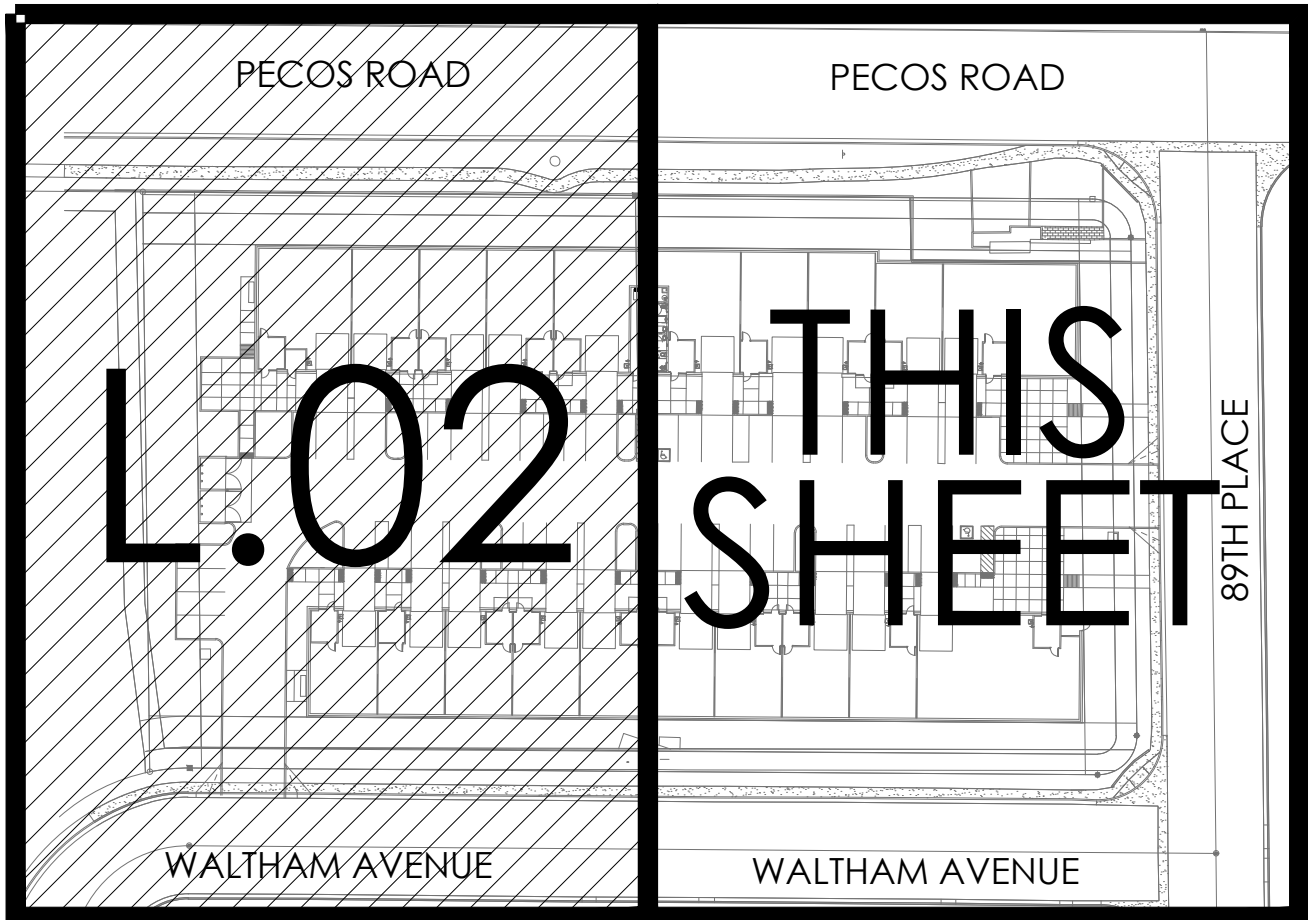
- 1 PROPERTY LINE / RIGHT OF WAY LINE
- 2 DECOMPOSED GRANITE IN ALL PLANTING AREAS
- 3 SIGHT VISIBILITY TRIANGLE. MAXIMUM MATURE PLANT MATERIAL HEIGHT IN THE SIGHT VISIBILITY TRIANGLES IS 24 INCHES
- 4 ACCESSIBLE RAMP. SEE CIVIL ENG. PLANS.
- 5 SIDEWALK.
- 6 FIRE HYDRANT -3'-0" CLEAR OF ALL PLANT MATERIAL
- 7 FIRE LINE BACKFLOW PREVENTOR - SCREEN MAINTAIN 3' ACCESS & CLEARANCE PER MAG STANDARD DETAIL 362.
- 8 EXISTING MONUMENT SIGN (TO REMAIN)
- 9 CURB. SEE CIVIL ENG. PLANS.
- 10 TRASH ENCLOSURE. SEE ARCHITECT'S SITE PLAN. TREE PLANTING SHOULD NOT TAKE PLACE WITHIN TEN (10) FEET OF THE BIN ENCLOSURE AND SHOULD BE SPACED SO AS NOT TO CREATE AN AERIAL OBSTRUCTION FOR THE BIN DUMPING AT THE FINAL FULL GROWTH DIMENSIONS.
- 11 PROPOSED TRANSFORMER LOCATION. MAINTAIN 3' ACCESS & CLEARANCE AROUND ALL EDGES. ALLOW FOR 12' CLEAR OPERATIONAL AREA IMMEDIATELY IN FRONT OF TRANSFORMER.
- 12 PARKING STRIPE (TYPICAL)
- 13 EXISTING SIDEWALK & LANDSCAPE (TYPICAL)
- 14 SCREEN WALL. SEE ARCH. PLANS.
- 15 10'-0" X 10'-0" PLANTING TRELLIS. SEE ARCH. PLANS.

existing plant legend

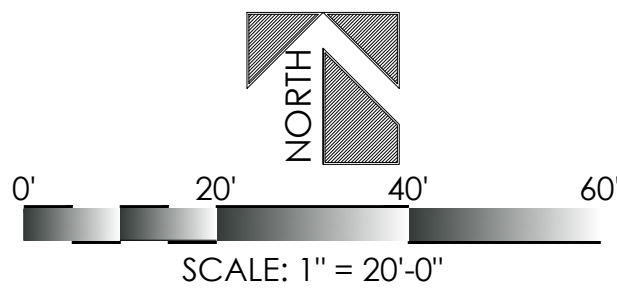
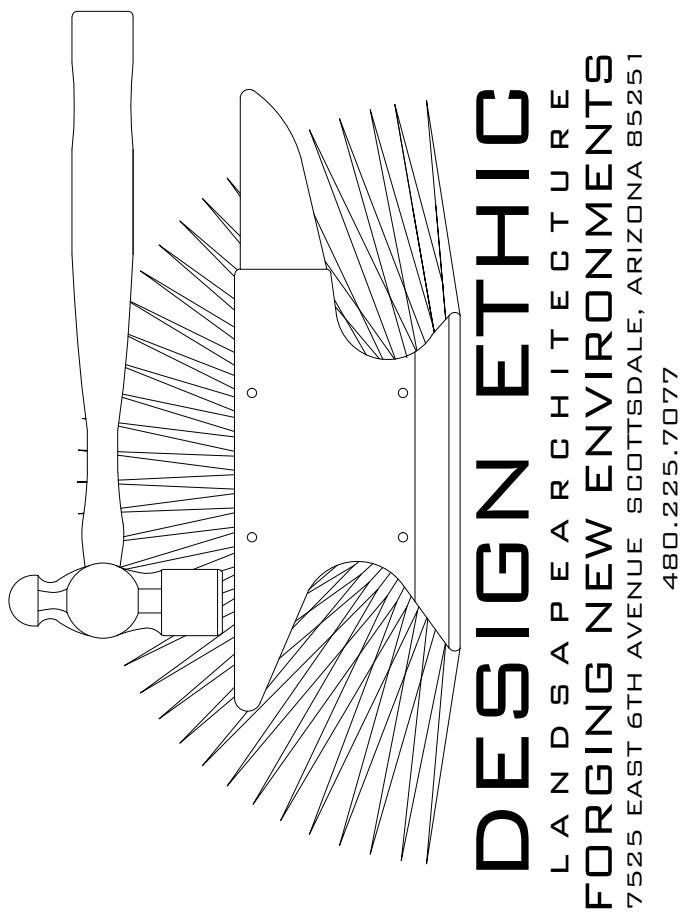
|  | common name  | emitters                                | size             | qty            | comments         |                  |
|--|--|---|------------------|----------------|------------------|------------------|
| <br>trees | OLEA EUROPAEA<br>SWAN HILL OLIVE   | (6 @<br>1.0 GPH)                        | SIZE<br>VARIES   | 6              | REMAIN IN PLACE  |                  |
|  | ULMUS PARVIFOLIA<br>EVERGREEN ELM  | (6 @<br>2.0 GPH)                        | SIZE<br>VARIES   | 8              | REMAIN IN PLACE  |                  |
|  | <br>palms | PHOENIX DACTYLIFERA<br>DATE PALM        |                  | SIZE<br>VARIES | 5                | STAKE IN PLACE   |
|  |  | shrubs                                  |                  |                |                  |                  |
|           | LEUCOPHYLLUM FRUTESCENS<br>'GREEN CLOUD'<br>GREEN CLOUD SAGE                                 | (1 @<br>1.0 GPH)                        | 5 GAL.           | 15             | PLANT AT 8' O.C. |                  |
|  |           | NERIUM OLEANDER<br>PETITE PINK OLEANDER | (1 @<br>1.0 GPH) | 5 GAL.         | 16               | PLANT AT 5' O.C. |
| accents  |  |   |                  |                |                  |                  |
|           | DASYLIRION WHEELERI<br>DESERT SPOON  |   | 5 GAL.           | 30             | PLANT AT 5' O.C. |                  |

proposed plant legend

|   | botanical name<br>common name   | emitters         | size               | qty            | comments  |
|---|---|------------------|--------------------|----------------|---|
| evergreen trees   |   |                  |                    |                |   |
|    | ACACIA ANEURA<br>MULGA  | (5 @<br>1.0 GPH) | 15 GAL.            | 13             | 4.0H., 1.0W., 0.5CAL.<br>STAKE IN PLACE                           |
|   | ACACIA SALICINA<br>WILLOW ACACIA  | (5 @<br>1.0 GPH) | 24" BOX<br>36" BOX | 17<br>8        | 7.0H., 2.5W., 1.25CAL.<br>9.0H., 5.0W., 2.0CAL.<br>STAKE IN PLACE |
|    | MARIOSOUSA WILLARDIANA<br>PALO BLANCO                                       | (5 @<br>1.0 GPH) | 24" BOX            | 15             | 5.0H., 2.5W., 1.0CAL.<br>STAKE IN PLACE                           |
| shade trees   |   |                  |                    |                |   |
|    | ULMUS PARVIFOLIA<br>EVERGREEN ELM   | (5 @<br>1.0 GPH) | 15 GAL.            | 4              | 6.0H., 2.0W., 0.5CAL.<br>STAKE IN PLACE                           |
|   | PARKINSONIA X.<br>'DESERT MUSEUM'<br>DESERT MUSEUM                          | (5 @<br>1.0 GPH) | 24" BOX<br>36" BOX | 4<br>10        | 5.0H., 3.0W., 1.0CAL.<br>8.0H., 5.0W., 1.75CAL.<br>STAKE IN PLACE |
| large shrubs  |   |                  |                    |                |   |
|   | TECOMA STANS<br>YELLOW BELLS  | (1 @<br>1.0 GPH) | 5 GAL.             | 22             |   |
|  | LEUCOPHYLLUM FRUTESCENS<br>'GREEN CLOUD'<br>GREEN CLOUD SAGE                | (1 @<br>1.0 GPH) | 5 GAL.             | 3              |   |
| medium shrubs   |   |                  |                    |                |   |
|  | AGAVE AMERICANA<br>CENTURY PLANT  | (1 @<br>1.0 GPH) | 5 GAL.             | 4              |   |
|  | BOUGAINVILLEA 'LA JOLLA'<br>LA JOLLA BOUGAINVILLEA                          | (1 @<br>1.0 GPH) | 5 GAL.             | 30             |   |
|  | BOUGAINVILLEA X BUTTIANA<br>'ORANGE KING'<br>'ORANGE KING BOUGAINVILLEA     | (1 @<br>1.0 GPH) | 5 GAL.             | 33             |   |
|  | DASYLIRION WHEELERI<br>DESERT SPOON   | (1 @<br>1.0 GPH) | 5 GAL.             | 97             |   |
|  | EUPHORBIA TRICUCALLI<br>STICKS OF FIRE                                      | (1 @<br>1.0 GPH) | 5 GAL.             | 22             |   |
|  | HESPERALOE FUNIFERA<br>GIANT HESPERALOE                                     | (1 @<br>1.0 GPH) | 5 GAL.             | 91             |   |
|  | HESPERALOE PARVIFLORA<br>RED YUCCA  | (1 @<br>1.0 GPH) | 5 GAL.             | 58             |   |
|  | MUHLENBERGIA RIGENS<br>DEER GRASS   | (1 @<br>1.0 GPH) | 5 GAL.             | 9              |   |
|  | OPUNTIA FICUS INDICA<br>INDIAN FIG 'PRICKLY PEAR                            | (1 @<br>1.0 GPH) | 5 GAL.             | 21             |   |
| evergreen groundcover   |   |                  |                    |                |   |
|  | LANTANA 'DALLAS RED'<br>RED LANTANA   | (1 @<br>1.0 GPH) | 5 GAL.             | 35             |   |
|  | EREMOPHILA GLABRA<br>'MIGNEW GOLD',<br>OUTBACK SUNRISE EMU                  | (1 @<br>1.0 GPH) | 5 GAL.             | 76             |   |
|  | MUHLENBERGIA CAPILLARIS<br>REGAL MIST                                       | (1 @<br>1.0 GPH) | 5 GAL.             | 82             |   |
|  | MUHLENBERGIA RIGIDA<br>NASHVILLE DEER GRASS                                 | (1 @<br>1.0 GPH) | 5 GAL.             | 27             |   |
| columnar evergreen shrub  |   |                  |                    |                |   |
|  | FICUS PUMILA<br>CREEPING FIG  | (1 @<br>1.0 GPH) | 5 GAL.             | 8              |   |
|  | MACFADYENA UNGUIS-CATI<br>CAT'S CLAW VINE                                   | (1 @<br>1.0 GPH) | 5 GAL.             | 7              |   |
| inerts  |   |                  |                    |                |   |
|  | 1/2" SCREENED DECOMPOSED GRANITE<br>EXPRESS GOLD<br>MATCH EXISTING ADJACENT |                  | 1/2"<br>SCRNR      | 26,275<br>S.F. | 2" MINIMUM IN<br>ALL PLANTERS                                     |



key map



OLYMPUS GATEWAY  
PECOS RD & SOUTH 89TH PL  
MESA, ARIZONA

PLANTING PLAN

PROJECT:

JOB NO: 21-077  
DATE:  
DRAWN BY: B. PAUL  
SUBMITTED: 08.03.2022  
REVISED:

SHEET TITLE:

SHEET

L.03 of L.03