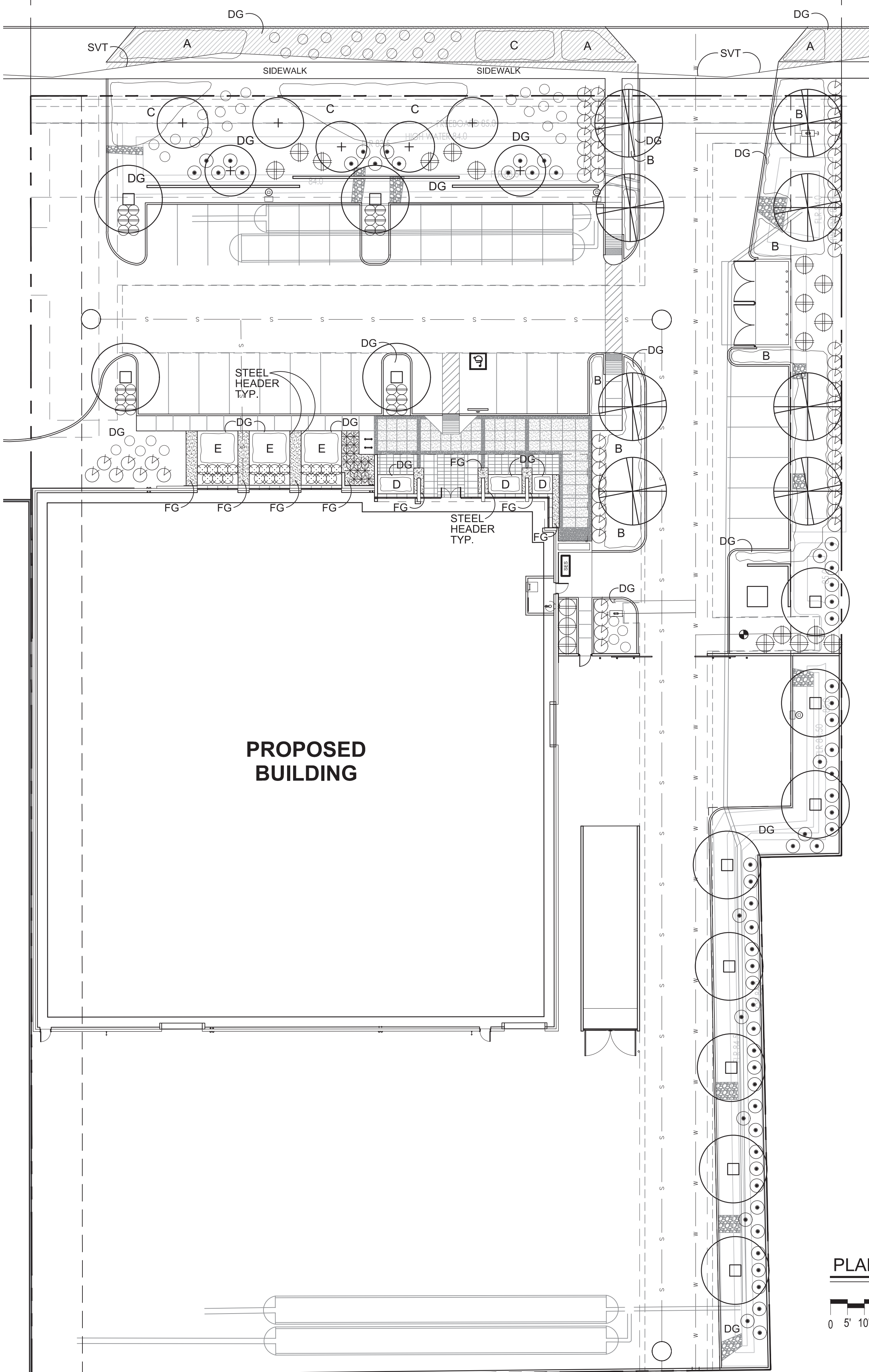


PECOS RD.

SVT NOTE:
SVT HAVE BEEN DRAWN
PER SECTION 211, FIGURE 2.3
SD LINES DRAWN 625' WITH A
DESIGN SPEED OF 50 MPH
FOR A 5 LANE UNDIVIDED ROAD.

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MASTER PLANT LIST

TREES	SIZE/ COMMENTS/ QTY
OLEA EUROPAEA 'WILSONII' FRUITLESS OLIVE	36" BOX / 8 QTY LOW-BREAKING MATCHED
PISTACIA 'RED PUSH' RED PUSH PISTACHE	24" BOX / 12 QTY STANDARD MATCHED
CHITALPA TASHKENTENSIS CHITALPA	24" BOX / 7 QTY LOW-BREAKING MATCHED
SHRUB	
NERIUM OLEANDER 'WHITE SANDS' DWARF OLEANDER	5 GAL, 62 QTY
OLEA EUROPAEA 'LITTLE OLLIE' DWARF OLIVE	5 GAL, 24 QTY
RUPELLIA BRITTONIANA MEXICAN PETUNIA	5 GAL, 21 QTY
TECOMA STANS 'LYDIA' LYDIA TECOMA	5 GAL, 60 QTY
BOUGAINVILLEA 'BARBARA KARST' BARBARA KARST BOUGAINVILLEA	5 GAL, 19 QTY
HESPERALOE PARVIFLORA RED YUCCA	5 GAL, 16 QTY
GROUNDCOVERS	
ERICAMERIA LARICAFOLIA TURPENTINE BUSH	1 GAL @ 3' O.C., 44 QTY
LANTANA MONTEVIDENSIS PURPLE LANTANA	1 GAL @ 3' O.C., 61 QTY
EREMOPHILA CARNOSA WINTER BLAZE EMU	1 GAL @ 4' O.C., 152 QTY
BOUTELOUA 'BLONDE AMBITION' BLONDE AMBITION BLUE GRAMA	1 GAL @ 3' O.C., 256 QTY
ALOE BARBADENSIS YELLOW BLOOMING ALOE	5 GAL @ 2.5' O.C., 16 QTY
EREMOPHILA GLABRA OUTBACK SUNRISE EMU	1 GAL @ 3' O.C., 33 QTY
INERT MATERIAL	
DECOMPOSED GRANITE ROCK PROS - MAHOGANY	1/2" MINUS / 2" DEPTH, TYP.
FRACTURED GRANITE ROCK PROS - FROST	1-3" SCREENED / 2" DEPTH, TYP.

GENERAL NOTES:

- ALL PLANTING AREAS TO HAVE TOP DRESSING OF DECOMPOSED GRANITE, SIZE AND COLOR AS NOTED IN LEGEND, 2" DEPTH, TYP. APPLIED OVER PRE-EMERGENT PER MFG. SPECS, 2 APPLICATIONS, MIN.
- VERIFY ALL CONDITIONS IN FIELD PRIOR TO BIDDING/ INSTALLATION. DISCREPANCIES SHALL BE BROUGHT TO THE LANDSCAPE ARCHITECT'S ATTENTION, IN WRITING.
- NO PLANT SUBSTITUTION ALLOWED UNLESS APPROVED BY LANDSCAPE ARCHITECT.
- LANDSCAPE ARCHITECT TO APPROVE ALL TREES AND SHRUBS PRIOR TO DELIVERY TO SITE.
- LANDSCAPE ARCHITECT OR HIS REPRESENTATIVE RESERVE THE RIGHT TO REFUSE ANY PLANT HE/SHE DEEMS UNACCEPTABLE.
- FOR CLARIFICATION OF DISCREPANCIES BETWEEN THE DRAWINGS AND THE SITE, THEY SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING WORK.
- LANDSCAPE CONTRACTOR IS RESPONSIBLE TO TAKE PRECAUTIONS TO PROTECT ANY EXISTING IMPROVEMENTS.
- PLANT LIST/QTY'S PROVIDED FOR CONTRACTOR'S CONVENIENCE ONLY. PLANS TAKE PRECEDENCE.
- FINISHED GRADE BELOW ALL PLANTERS SHALL BE 1" BELOW ADJACENT HEADER, PAVING, CURBING, ETC.
- GROUNDCOVER AND/OR DG SHALL EXTEND UNDER SHRUBS UNLESS NOTED.
- ALL EARTHWORK IS TO BE DONE SO THAT ALL WATER DRAINS AWAY FROM ALL STRUCTURES.
- ALL UNDERGROUND CONDUITS/PIPES/UTILITIES ARE TO BE LOCATED PRIOR TO DIGGING.
- CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED SLEEVING WHETHER IT IS SHOWN ON THE PLANS OR NOT.
- STEEL HEADER TO SEPARATE ALL DG FROM FG BANDS. STEEL HEADER TO BE 3/16" COLD ROLLED STEEL.

PLANTING PLAN



EXPIRES 12/31/2026
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8817 PECOS
8817 E PECOS ROAD MESA, AZ 85212

CITY NOTES:

- ALL EXISTING VEGETATION, WEEDS, DEBRIS, ETC., ARE TO BE REMOVED FROM THE PROJECT AREA AND DISPOSED OF PROPERLY OFFSITE AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL THEN SCARIFY EXISTING SUBGRADE, TO A MINIMUM 8-INCH DEPTH.
- SOIL TEST FOR FERTILITY AND ADDITIVE RECOMMENDATIONS (FOR TURF AND ORNAMENTALS) SHALL BE MADE SEVEN (7) DAYS PRIOR TO ANTICIPATED PLANTING TO DETERMINE IF ADDITIVES ARE REQUIRED. CONTRACTOR SHALL PROVIDE AND INCORPORATE SUCH ADDITIVES PRIOR TO OR AT THE TIME OF PLANTING.
- CONTRACTOR SHALL STAKE TREE AND SHRUB LOCATIONS FOR 5-GALLON PLANTS AND LARGER. STAKES SHALL BE MARKED WITH PLANT NAME OR PLANT NAME OF PLANT LEGEND ITEM NUMBER FROM PLANS.
- CONTRACTOR SHALL NOTIFY CITY ENGINEERING DIVISION (480-644-2253) 24-HOURS IN ADVANCE FOR APPROVAL OF STAKED PLANT LOCATIONS.
- PLANT PITS MUST BE INSPECTED BY CITY LANDSCAPE INSPECTOR PRIOR TO PLANTING BY CONTRACTOR. CONTRACTOR TO REQUEST INSPECTION 48-HOURS IN ADVANCE.
- WHERE CALICHE IS ENCOUNTERED IN PLANT PITS, DEPTH AND WIDTH OF PIT SHALL BE INCREASED BY (1/3) ONE-THIRD OVER SPECIFICATION, AND A LIQUID PENETRATE, "AL-KALICHE" OR APPROVED EQUAL, SHALL BE INCORPORATED FOR EACH PIT PER MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR SHALL ALSO COMPLY WITH SOIL TEST RECOMMENDATIONS.
- ALL TOP SOIL MIXTURE FOR PLANTS SHALL BE FREE OF GRASS AND NOXIOUS WEEDS. SEE SECTION 795 OF THE M.A.G. SPECIFICATIONS.
- PLANT SOIL MIXTURE SHALL CONSIST OF 3 1/2-PARTS NATURAL FERTILE, FRIABLE SOIL AND ONE PART HUMUS BY VOLUME, THOROUGHLY MIXED PRIOR TO BACKFILLING IN PITS. BACKFILLING SHALL BE IN 6-INCH LIFTS. EACH LIFT SHALL BE WATER SETTLED, WITHOUT PUDDLING.
- ALL PLANT MATERIAL SHALL CONFORM TO GRADING, TYPE, ETC., AS SET FORTH IN THE AMERICAN ASSOCIATION OF NURSERYMEN AND BY THE ARIZONA NURSERY ASSOCIATION RECOMMENDED TREE SPECIFICATIONS.
- THE CITY OF MESA RESERVES THE RIGHT TO INSPECT SHRUBS AND CONTAINER TREES FOR CONDITION OF ROOT BALLS. FOR ANY SUCH INSPECTIONS FOR CONDITIONS WHICH MAY DESTROY ROOT BALL, CONTRACTOR SHALL SUPPLY ADDITIONAL PLANT AT NO COST.
- 120 VOLT POWER FOR SPRINKLER SYSTEM CONTROLLER IS TO BE ORDERED FROM APPROPRIATE POWER UTILITY BY CONTRACTOR. CONTRACTOR ACTS AS OWNER AND PAYS RELATED COSTS. IF METER IS INSTALLED, METER IS TO BE IN CONTRACTOR'S NAME UNTIL FINAL APPROVAL AND/OR ACCEPTANCE OF THE PROJECT AND THEN TRANSFERRED TO THE MAINTAINING PARTY.
- THE CONTRACTOR SHALL PROVIDE ALL THE MATERIALS AND LABOR NECESSARY TO INSTALL THE COMPLETE AUTOMATIC SPRINKLER SYSTEM INCLUDING THE WATER SERVICE AND METER. THE CONTRACTOR SHALL ORDER THE WATER METER AND PAY ALL RELATED CHARGES AT THE PUBLIC WORKS SERVICES. THE CITY MAY INSTALL THE WATER SERVICE AND METER AND CHARGE THE CONTRACTOR AT THE CITY'S DISCRETION.
- THE PLANT GUARANTEE AND MAINTENANCE SHALL BE AS PER SECTION 430.8 OF M.A.G. SPECIFICATIONS UNTIL PROJECT APPROVAL AND/OR ACCEPTANCE.
- UNLESS SPECIFIED ON THE PLANS FOR REMOVAL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR:
 - DAMAGES TO EXISTING WALKS, WALLS, DRIVES, CURBS, ETC.,
 - DAMAGES TO UTILITIES CAUSED AS A RESULT OF HIS WORK.
 - INSPECTING THE SITE IN ORDER TO BE FULLY AWARE OF EXISTING CONDITIONS PRIOR TO SUBMITTING BID.
- THE CONTRACTOR SHALL MAINTAIN UNCOVERED, ALL EXISTING UTILITY COVERS, BOXES, LIDS, AND MANHOLES.
- ALL EQUIPMENT AND MATERIALS NOT SHOWN OR SPECIFIED IN THE PLANS OR IN THE SPECIFICATION WHICH ARE REQUIRED TO COMPLETE THE INSTALLATION, SHALL BE SUPPLIED BY THE CONTRACTOR AS PART OF HIS CONTRACT WORK.

CITY LANDSCAPE NOTES:

- REQUIRED TREES SHALL BE MINIMUM SIZE AS SPECIFIED IN THE ARIZONA NURSERY ASSOCIATION "RECOMMENDED TREE SPECIFICATIONS" LATEST EDITION. 11-33-2(B)
- ALL LANDSCAPE MATERIAL INSTALLED SHALL BE MAINTAINED BY OWNER /OR LESSEE IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN. 11-33-2(I)
- A "NATURAL" LANDSCAPE MAINTENANCE PROGRAM IS TO BE UTILIZED AND THE LANDSCAPE SHALL BE MAINTAINED IN ACCORDANCE WITH THE BEST MANAGEMENT PRACTICE OF THE LANDSCAPING INDUSTRY. 11-33-2(I)4
- PLANT MATERIAL WITHIN THE SIGHT DISTANCE TRIANGLE SHALL NOT EXCEED 30-INCHES IN HEIGHT AT FULL MATURITY. 1105.4 TREES PLANTED WITHIN THE SIGHT DISTANCE TRIANGLES SHALL BE 24-INCH TO 42-INCH BOX SPECIMENS WITH NO BRANCHES LOWER THAN 8-FEET ABOVE THE SIDEWALK ELEVATION, AND 14-FEET OVER VEHICULAR TRAFFIC WAYS.
- REQUIRED LANDSCAPE AREAS SHALL BE FREE FROM ENCROACHMENT BY ANY USE, STRUCTURE, VEHICLE OR FEATURE NOT A PART OF THE LANDSCAPING DESIGN. 11-33-2(A)
- BACKFLOW PREVENTERS 2" OR LARGER SHALL BE SCREENED WITH LANDSCAPE MATERIAL LOCATED WITHIN A 6' RADIUS OF THE BACKFLOW PREVENTERS. ALL BACKFLOW PREVENTERS LESS THAN 2" SHALL BE PLACED IN A WIRE MESH BASKET AND PAINTED GREEN. (THE POLICE DEPARTMENT'S CRIME PREVENTION DIVISION HAS REQUESTED THE CHANGE TO GREEN TO DISCOURAGE THEFT.) [PAGE 20]

LANDSCAPE / PLANTING CALCULATIONS:

TOTAL OPEN SPACE AREA: 15,073 S.F. = 17% SITE AREA	7,536 S.F. LIVE COVERAGE REQUIRED 8,093 S.F. LIVE COVERAGE PROVIDED				
	TOTAL TREES	36" TREES	24" BOX	15 GALLON TREES	5 GALLON SHRUBS
PECOS RD FRONTAGE REQUIREMENTS 1 TREE / 6 SHRUB PER 25 L.F.	7 TREES REQUIRED 9 TREES PROVIDED	2 TREES REQUIRED 2 TREES PROVIDED	4 TREES REQUIRED 7 TREES PROVIDED	REMAINDER REQ. N / A	42 SHRUBS REQUIRED 45 SHRUBS PROVIDED
PARKING LOT REQUIREMENTS 1 TREE / 3 SHRUB PER ISLAND	8 TREES REQUIRED 8 TREES PROVIDED	1 TREES REQUIRED 4 TREES PROVIDED	REMAINDER REQ. 4 TREES PROVIDED	N / A	24 SHRUBS REQUIRED 24 SHRUBS PROVIDED
EAST PERIMETER REQUIREMENTS 3 TREE / 20 SHRUB PER 100 LF	12 TREES REQUIRED 12 TREES PROVIDED	N / A	12 TREES REQUIRED 12 TREES PROVIDED	N / A	82 SHRUBS REQUIRED 82 SHRUBS PROVIDED
FOUNDATION PLANTING REQUIREMENTS 1 TREE PER 50 L.F.	3 TREES REQUIRED 4 TREES PROVIDED	1 TREES REQUIRED 2 TREES PROVIDED	REMAINDER REQ. 2 TREES PROVIDED	N / A	N / A 59 SHRUBS PROVIDED

PROJECT #: 22-037.0
DATE: 07.08.2024
DRAWN BY:
REV # DATE DESCRIPTION

PLANTING PLAN