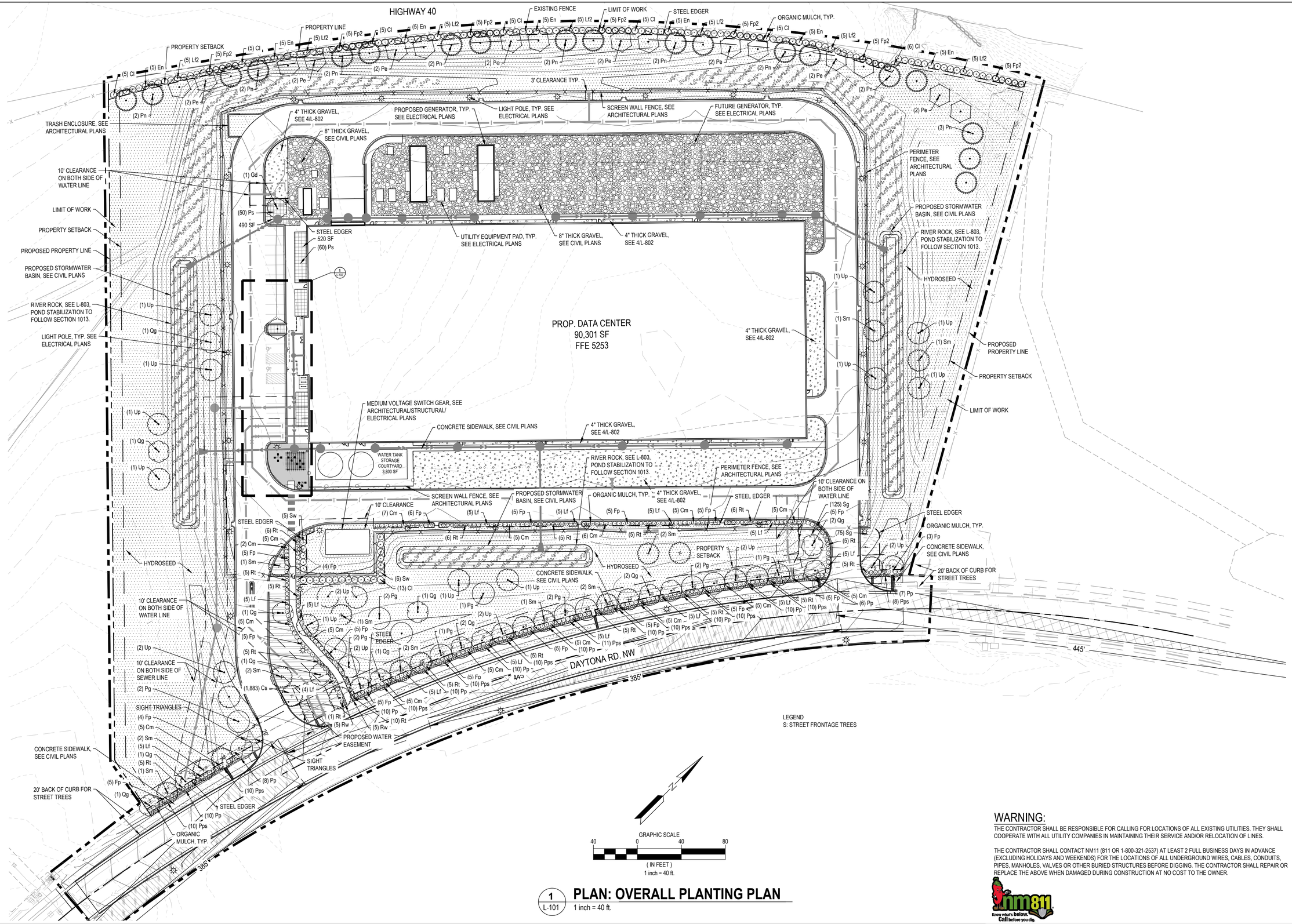

1 / L-101 **PLAN: OVERALL PLANTING PLAN**

1 inch = 40 ft.

WARNING:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR LOCATIONS OF ALL EXISTING UTILITIES. THEY SHALL COOPERATE WITH ALL UTILITY COMPANIES IN MAINTAINING THEIR SERVICE AND/OR RELOCATION OF LINES.

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nm811 Know what's below. Call before you dig.

Stantec
733 MARQUETTE AVE
SUITE 1000
MINNEAPOLIS, MN 55402
WWW.STANTEC.COM

CLIENT: OPPIDAN

PROJECT TITLE:

ALBUQUERQUE 10 MW DATA CENTER

DAYTONA RD NW
ALBUQUERQUE, NEW MEXICO 87121

ISSUE NO.	DATE:	DESCRIPTION:
0	01/08/2024	PRE APPLICATION SUBMITTAL
1	03/08/2024	DRB SUBMITTAL
2	03/20/2024	BID SET
3	05/10/2024	DFT RESUBMITTAL
4	06/03/2024	PERMIT SET
5	08/01/2024	SIDEWALK UPDATE PER ABCWUA
6	09/13/2024	ASI-004

CERTIFICATION:

STATE OF NEW MEXICO
JAMES C. YOREK
LA-2024-0009
REGISTERED
LANDSCAPE ARCHITECT
06/03/2024

PROJECT NO.: 193806697

DWN BY:	CHK'D BY:	APP'D BY:
SY	TH	CY

ISSUE DATE: 09/13/2024

ISSUE NO.: 6

SHEET TITLE: LANDSCAPE PLAN

SHEET NO.: L-101

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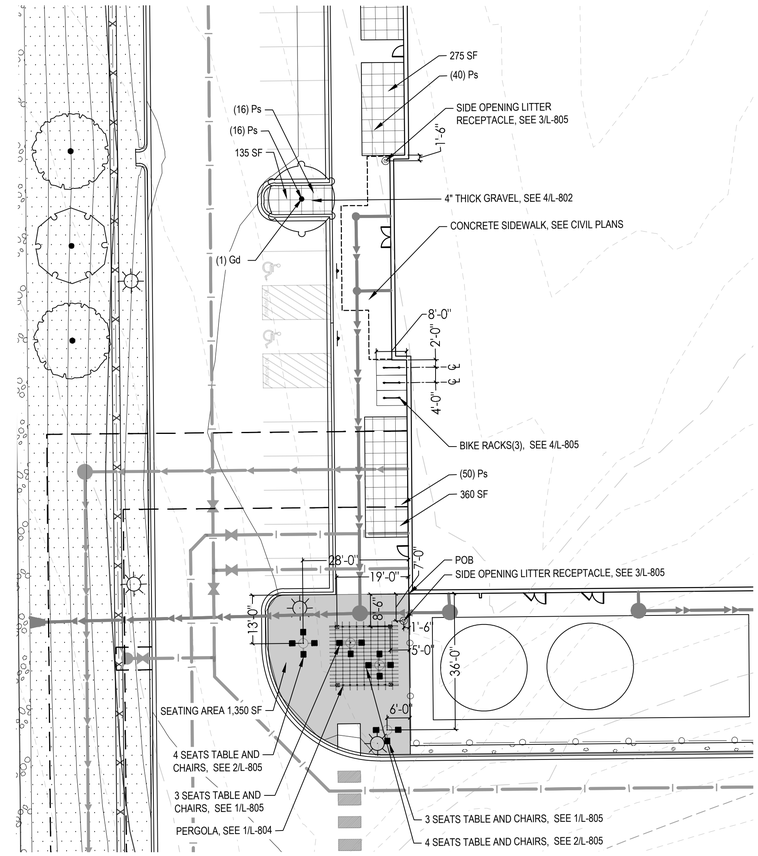
OVERALL PLANTS AND MATERIAL SCHEDULE

TREES	CODE	QTY	BOTANICAL / COMMON NAME	CALIPER	SPACING	AREA	DECIDUOUS OR EVERGREEN
	Gd	2	CHILOPSIS LINEARIS DESERT WILLOW	2" CAL	AS SHOWN ON PLAN	981 SF	DECIDUOUS TREE
	Pg	13	PROSOPIS GLANDULOSA HONEY MESQUITE	2" CAL	25' O.C.	13,738 SF	DECIDUOUS TREE
	Qg	14	QUERCUS GRISEA GRAY OAK	2" CAL	25' O.C.	38,936 SF	DECIDUOUS TREE
	Sm	16	SAMBUCUS MEXICANA MEXICAN ELDER	2" CAL	25' O.C.	38,936 SF	DECIDUOUS TREE
	Up	23	ULMUS PARVIFOLIA LACEBARK ELM	2" CAL	25' O.C.	16,250 SF	DECIDUOUS TREE
	Pe	16	PINUS ELDARICA AFGHAN PINE	2" CAL	25' O.C.	15,543 SF	EVERGREEN TREE
	Pn	19	PINUS NIGRA AUSTRIAN PINE	2" CAL	25' O.C.	16,250 SF	EVERGREEN TREE

SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	CONTAINER	SPACING	AREA	DECIDUOUS OR EVERGREEN
	Cl	49	CERCOCARPUS LEDIFOLIUS CURLLEAF MOUNTAIN MAHOGANY	8' - 10' HT.	72" O.C.	1,328 SF	EVERGREEN SHRUB
	Fp	87	FALLUGIA PARADOXA APACHE PLUME	1 GAL	60" O.C.	1,590 SF	EVERGREEN SHRUB
	Fp2	35	FALLUGIA PARADOXA APACHE PLUME	5 GAL	72" O.C.	989 SF	EVERGREEN SHRUB
	Lf	69	LEUCOPHYLLUM FRUTESCENS TEXAS RANGER	1 GAL	60" O.C.	1,276 SF	SEMI-EVERGREEN SHRUB
	Lf2	35	LEUCOPHYLLUM FRUTESCENS TEXAS RANGER	5 GAL	72" O.C.	989 SF	SEMI-EVERGREEN SHRUB
	Pps	99	PENSTEMON PSEUDOSPECTABILIS DESERT PENSTEMON	1 GAL	24" O.C.	311 SF	SEMI-EVERGREEN SHRUB
	Pp	101	PENSTEMON PINIFOLIUS PINELEAF PENSTEMON	1 GAL	24" O.C.	317 SF	DECIDUOUS SHRUB
	Rw	90	ROSA WOODSII WOODS' ROSE	1 GAL	24" O.C.	283 SF	DECIDUOUS SHRUB
	Cm	81	CHAMAEBATIARIA MILLEFOLIUM FERNBUSH	1 GAL	60" O.C.	1,511 SF	DECIDUOUS SHRUB
	En	35	ERICAMERIA NAUSEOSA CHAMISA	5 GAL	72" O.C.	989 SF	DECIDUOUS SHRUB
	Rt	90	RHUS TRILOBATA THREE-LEAF SUMAC	1 GAL	60" O.C.	1,649 SF	DECIDUOUS SHRUB
	Sw	11	SPOROBOLUS WRIGHTII GIANT SACATON	5 GAL	72" O.C.	311 SF	DECIDUOUS SHRUB

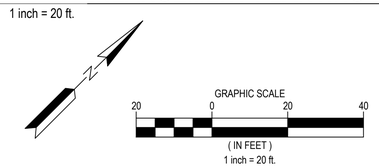
SHRUB AREAS	CODE	QTY	BOTANICAL / COMMON NAME	CONTAINER	SPACING	AREA	DECIDUOUS OR EVERGREEN
	Cs	1,327	CALYLOPHUS SPECIES SUNDROPS	1 GAL	18" O.C.	1,600 SF	DECIDUOUS
	Ps	208	PENSTEMON PSEUDOSPECTABILIS DESERT BEARDTONGUE	1 GAL	36" O.C.	1,650 SF	EVERGREEN
	Sg	200	SALVIA GREGGII AUTUMN SAGE	1 GAL	36" O.C.	1,750 SF	EVERGREEN

GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME	CONTAINER	REMARKS
	Gr	17,050 SF 4.88%	GRAVEL GRAVEL	NA	4" THICK, BROWN COLOR
	Gr2	29,820 SF 8.53%	GRAVEL2 GRAVEL2	NA	8" THICK, BROWN COLOR
	Bd2	160,143 SF 45.83%	NATIVE SEED NATIVE SEED	NA	SEE LANDSCAPE SEED SPEC
	Om	18,791 SF 5.38%	ORGANIC MULCH ORGANIC MULCH	NA	
	Rr	28,048 SF 8.03%	RIVER ROCK RIVER ROCK	NA	3/4" IRONWOOD PEBBLE
	STEEL EDGER	2,400 LF			



1 / L-102 PLAN: ENLARGEMENT PLANTING PLAN

1 inch = 20 ft.



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STATE OF NEW MEXICO
JAMES C. YOREK
LA-2024-0009
REGISTERED
LANDSCAPE ARCHITECT
06/03/2024

PROJECT NO.: 193806697

DWN BY:	CHK'D BY:	APP'D BY:
SY	TH	CY

ISSUE DATE: 09/13/2024

ISSUE NO.: 6

SHEET TITLE:
ENLARGEMENT PLANTING PLAN

SHEET NO.:
L-102

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INSPECTION AND ACCEPTANCE

1. LANDSCAPE WORK WILL BE INSPECTED FOR ACCEPTANCE IN PARTS AGREEABLE TO THE OWNER, PROVIDED WORK OFFERED FOR INSPECTION IS COMPLETE, INCLUDING MAINTENANCE, FOR THE PORTION IN QUESTION.
2. AT THE CONCLUSION OF THE ESTABLISHMENT PERIOD, WHICH WILL BE ONE YEAR FOLLOWING INITIAL INSTALLATION, A FINAL INSPECTION OF PLANTING WILL BE MADE TO DETERMINE THE CONDITIONS OF AREAS SPECIFIED FOR LANDSCAPING.
3. WHEN INSPECTED LANDSCAPE WORK DOES NOT COMPLY WITH REQUIREMENTS, REPLACE REJECTED WORK AND CONTINUE SPECIFIED MAINTENANCE UNTIL RE-INSPECTED BY OWNER AND FOUND TO BE ACCEPTABLE. REMOVE REJECTED PLANTS AND MATERIALS FROM SITE.

PLANTING NOTES

1. CONTRACTOR SHALL PROVIDE STAKED LOCATION OF PLANT MATERIAL PRIOR TO PERFORMING ANY PLANT INSTALLATION WORK. UPON APPROVAL OF STAKING LOCATIONS, CONTRACTOR SHALL EXCAVATE PLANTING HOLES CENTERED AT STAKED LOCATIONS.
2. PERFORM PLANT HOLE EXCAVATION AS DETAILED AND TO A DIAMETER A MINIMUM OF TWO TIMES THE DIAMETER OF THE ROOT BALL OR CONTAINER.
3. REMOVE STICKS, RUBBISH, FOREIGN MATERIALS AND UNDESIRABLE PLANTS AND THEIR ROOTS. REMOVE STONES MEASURING OVER 1-1/2 INCHES IN ANY DIMENSIONS.
4. SET BALLED AND BURLAPPED (B&B) STOCK ON LAYER OF COMPACTED PLANTING SOIL MIXTURE, B&B SHALL BE PLUMB AND IN CENTER OF PIT OR TRENCH WITH TOP OF ALL EXCAVATED EDGES AT SAME ELEVATION AS ADJACENT FINISHED LANDSCAPE GRADES.
5. ROOT FLARE OF THE TREE MUST BE ABOVE FINISHED GRADE PER DETAILS.
6. CUT ALL CORDS AND TWINE AND REMOVE WIRE BASKET AND BURLAP FROM TOP AND SIDES OF BALLS; RETAIN BURLAP ON BOTTOMS.
7. WHEN SET, PLACE ADDITIONAL PLANTING SOIL BACKFILL AROUND BASE AND SIDES OF BALL, AND WORK EACH LAYER TO SETTLE BACKFILL AND ELIMINATE VOIDS AND AIR POCKETS.
8. WHEN EXCAVATION IS APPROXIMATELY 2/3 FULL, WATER THOROUGHLY BEFORE PLACING REMAINDER OF BACKFILL.
9. REPEAT WATERING UNTIL NO MORE IS ABSORBED. WATER AGAIN AFTER PLACING FINAL LAYER OF BACKFILL.
10. FOR CONTAINER GROWN STOCK, SAME AS FOR BALLED AND BURLAPPED STOCK, EXCEPT CUT CONTAINERS ON SIDES INTO QUARTERS WITH SHEAR. REMOVE CONTAINER BEFORE SETTING PLANT SO AS NOT TO DAMAGE ROOT BALLS.
11. WATER EACH PLANT WITHIN 2 HOURS OF PLANTING.
12. ALL PLANTINGS TO BE MULCHED UNLESS OTHERWISE NOTED ON THE PLAN.
13. PLACE 3-INCH THICKNESS OF MULCH AROUND TREES AND SHRUBS WITHIN A PERIOD OF 48 HOURS AFTER THE SECOND WATERING.
14. DO NOT PLACE MULCH IN DIRECT CONTACT WITH TRUNKS OR STEMS.
15. ROCK MULCH BEDS SHALL RECEIVE 4" DEPTH MIN. LOCALLY AVAILABLE $\frac{3}{4}$" IRONWOOD PEBBLE ROCK MULCH, OR APPROVED EQUAL, OVER NEEDLE PUNCHED POLYPROPYLENE WEED BARRIER FABRIC. WITHIN GENERATOR COURTYARD AREA, ROCK MULCH BEDS SHALL RECEIVE 8" DEPTH MIN. SEE CIVIL PLANS. SUBMIT MULCH SAMPLE FOR OWNER APPROVAL.
16. NEEDLE PUNCHED POLYPROPYLENE WEED BARRIER FABRIC UNDER FABRIC ENDS SHALL BE OVERLAPPED 3 INCHES, MINIMUM 4 OUNCE. EDGES OF FABRIC SHALL BE TURNED DOWN 6 INCHES.
17. EDGE RESTRAINT BETWEEN PLANTING BEDS AND SEEDING AREAS SHALL BE BLACK COMMERCIAL GRADE LANDSCAPE EDGING BY COL-MET OR APPROVED EQUAL, 6"X12 GAUGE STEEL.

MAINTENANCE NOTES

1. WHEN INSPECTED LANDSCAPE WORK DOES NOT COMPLY WITH REQUIREMENTS, REPLACE REJECTED WORK AND CONTINUE SPECIFIED MAINTENANCE UNTIL RE-INSPECTED BY OWNER AND FOUND TO BE ACCEPTABLE. REMOVE REJECTED PLANTS AND MATERIALS FROM SITE.
2. BEGIN MAINTENANCE IMMEDIATELY AFTER PLANTING.
3. MAINTAIN TREES AND BUSHES INCLUDING WATERING FOR ONE YEAR AFTER ACCEPTANCE BY OWNER. IT IS CONTRACTORS RESPONSIBILITY FOR COORDINATE WATERING.
4. TRIM, PRUNE, REMOVE CLIPPINGS AND DEAD OR BROKEN BRANCHES, AND TREAT PRUNED AREAS AND OTHER WOUNDS.
5. IT IS THE CONTRACTOR'S OPTION WHETHER OR NOT TO STAKE TREES. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TREES IN AN UPRIGHT POSITION THROUGHOUT THE ONE-YEAR GUARANTEE PERIOD.

GUARANTEE AND REPLACEMENTS

1. PLANT MATERIAL SHALL BE GUARANTEED FOR ONE FULL YEAR AFTER OWNER ACCEPTANCE AND SHALL BE ALIVE AND IN SATISFACTORY CONDITION AT THE END OF THE GUARANTEE PERIOD. SUCH GUARANTEE EXCLUDES VANDALISM.
2. AT THE END OF THE ONE-YEAR GUARANTEE PERIOD, INSPECTION WILL BE MADE BY THE OWNER UPON WRITTEN NOTICE BY THE CONTRACTOR AT LEAST FIVE DAYS BEFORE THE ANTICIPATED DATE. ANY PLANT MATERIAL REQUIRED UNDER THE CONTRACT THAT IS DEAD OR NOT IN SATISFACTORY CONDITION, AS DETERMINED BY THE OWNER, SHALL BE REMOVED FROM THE SITE, AND SHALL BE REPLACED AS SOON AS CONDITIONS PERMIT DURING THE NORMAL PLANTING SEASONS.
3. THE OPINION OF THE OWNER SHALL GOVERN IN ANY AND ALL DISPUTES BY THE CONTRACTOR REGARDING THE CONDITION AND DISPOSITION OF UNSATISFACTORY MAINTENANCE PROCEDURES OR REJECTED PLANTS.
4. ALL REPLACEMENTS SHALL BE PLANT MATERIAL OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. REPLACEMENT COSTS SHALL BE BORNE BY THE CONTRACTOR.
5. REPLACEMENT PLANTINGS REQUIRED AT THE END OF THE GUARANTEE PERIOD ARE NOT TO BE GUARANTEED. THE PLANT MATERIAL IS SUBJECT TO INSPECTION AND REJECTION BY THE OWNER BEFORE AND AFTER PLANTING.

CODES AND INSPECTION

1. THE ENTIRE INSTALLATION SHALL FULLY COMPLY WITH ALL LOCAL AND STATE LAWS AND ORDINANCES AND WITH THE ESTABLISHED CODES ALLOCABLE THERETO.
2. THE CONTRACTOR SHALL TAKE OUT ALL REQUIRED PERMITS, ARRANGE FOR ALL NECESSARY INSPECTION, AND PAY ANY FEES AND EXPENSES IN CONJUNCTION WITH THE SAME AS PART OF THE WORK UNDER THIS CONTRACT.

QUALITY ASSURANCE

1. ALL WORK AND MATERIALS TO BE IN FULL ACCORDANCE WITH LATEST RULES AND REGULATIONS OF THE DIVISION OF INDUSTRIAL SAFETY, THE UNIFORM PLUMBING CODE, NATIONAL ELECTRIC CODE, AMERICANS WITH DISABILITIES, AND OTHER APPLICABLE LAWS OR REGULATION.
2. NOTHING IN THESE DRAWINGS OR SPECIFICATIONS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.
3. FURNISH, WITHOUT EXTRA CHARGE, ANY ADDITIONAL MATERIAL AND LABOR AS REQUIRED TO COMPLY WITH THESE RULES AND REGULATIONS, THOUGH THE WORK IS NOT MENTIONED IN THESE PARTICULAR CONSTRUCTION DOCUMENTS.

PROTECTION OF EXISTING CONDITIONS

1. BECOME ACQUAINTED WITH ALL SITE CONDITIONS. LOCATE EXISTING UTILITIES AND EQUIPMENT TO REMAIN. SHOULD UTILITIES OR OTHER WORK NOT SHOWN ON THE DRAWINGS BE FOUND DURING EXCAVATIONS, PROMPTLY NOTIFY ENGINEER. FAILURE TO DO SO WILL MAKE CONTRACTOR LIABLE FOR ANY AND ALL DAMAGE ARISING FROM OPERATIONS SUBSEQUENT TO DISCOVERY OF SUCH UTILITIES NOT SHOWN ON DRAWINGS.
2. TAKE NECESSARY PRECAUTIONS TO PROTECT EXISTING SITE CONDITIONS. REPAIR ANY DAMAGED ITEM TO ITS ORIGINAL CONDITION OR FURNISH AND INSTALL EQUIVALENT REPLACEMENT AT NO ADDITIONAL COST TO OWNER.

COORDINATION

1. SCHEDULE AND COORDINATE WORK WITH OTHER TRADES TO FACILITATE WORK AND AVOID CONFLICTS IN CONSTRUCTION SEQUENCE AND EQUIPMENT INSTALLATION.
2. REVIEW ENTIRE PLAN SET AND COORDINATE WITH OTHER TRADES AS REQUIRED BY SEQUENCE OF CONSTRUCTION TO ENSURE PROVISION OF MAINLINE AND ELECTRICAL CONDUIT STUB-OUTS AT ALL REQUIRED LOCATIONS.

LANDSCAPE NOTES

1. TREES AND SHRUBS SHALL BE PROVIDED IN THE QUANTITY, SIZE, GENUS, SPECIES, AND VARIETY AS CHOSEN BY THE OWNER/OWNER AS LISTED IN THE PLANT SCHEDULE.
2. TREES AND SHRUBS SHALL BE HEALTHY, VIGOROUS STOCK, GROWN IN RECOGNIZED NURSERY IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICE AND FREE OF DISEASE, INSECTS, EGGS, LARVAE, AND DEFECTS.
3. OWNER RETAINS THE RIGHT TO INSPECT TREES AND SHRUBS 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.
4. NURSERY STOCK SHALL BE DELIVERED DIRECTLY FROM NURSERY. HEEL IN IMMEDIATELY UPON DELIVERY IF NOT TO BE PLANTED WITHIN FOUR HOURS, COVERING WITH MOIST SOIL OR MULCH TO PROTECT FROM DRYING. STORE PLANTS IN SHADE AND PROTECT FROM WEATHER.
5. PROTECTION FROM EXTREMES IN EXPOSURE AND ROUGH HANDLING SHALL BE PROVIDED FOR ALL PLANT MATERIALS DURING TRANSPORT AND STORAGE.
6. THE CONTRACTOR SHALL NOTIFY THE OWNER 48 HOURS PRIOR TO PLANTING SO THAT A MUTUALLY AGREEABLE TIME MAY BE ARRANGED FOR INSPECTION.
7. LAY OUT INDIVIDUAL TREE AND SHRUB LOCATIONS WITH STAKES CENTERED AT PROPOSED PLANTING LOCATIONS FOR APPROVAL BY OWNER.
8. DO NOT START PLANTING WORK UNTIL LAYOUT IS APPROVED BY THE OWNER.
9. THE LANDSCAPE CONTRACTOR MUST PROVE THE OPEN SUB-GRADE OF ALL PLANTING AREAS AFTER THEIR EXCAVATION IS CAPABLE OF INFILTRATING A MINIMUM REQUIREMENT OF 1/4-INCH OF WATER PER HOUR PRIOR TO INSTALLATION OF PLANT MATERIALS, TOPSOIL, IRRIGATION, WEED MAT, AND MULCH. PLANTING AREAS NOT CAPABLE OF MEETING THIS REQUIREMENT SHALL HAVE 4" DIAMETER X 48" DEPTH HOLES AUGURED EVERY 36" ON-CENTER AND FILLED WITH IDOT FREE-DRAINING COARSE FILTER AGGREGATE. RE-TEST SUB-GRADE PERCOLATION FOR COMPLIANCE TO INFILTRATION MINIMUM REQUIREMENT.
10. ALL GRADED AREAS OF THE SITE THAT ARE DESIGNATED FOR SHRUBS, TREES AND PERENNIALS SHALL HAVE NO LESS THAN 12" OF IMPORTED TOP SOIL, MEETING IDOT CLASSIFICATIONS FOR PLANTING SOIL FOR TREES, SHRUBS, AND TURF.

LANDSCAPING GENERAL NOTES

1. ALL VEGETATION SHALL COMPLY WITH ARTICLE 9-12 AND PARTS 6-1-1 AND 6- 6-2 OF ROA 1994 (POLLEN CONTROL, WATER CONSERVATION LANDSCAPING AND WATER WASTE, AND STREET TREES) AND SECTION 4 OF THE ALBUQUERQUE BERNALILLO COUNTY WATER AUTHORITY (ABCWUA) LEGISLATION AND ORDINANCES (WATER WASTE REDUCTION ORDINANCE) AS APPLICABLE. PER 5-6(C)(4)(g).
2. ALL REQUIRED PLANT MATERIALS SHALL BE FREE OF DISEASE AND INSECTS AND SHALL CONFORM TO THE AMERICAN STANDARD FOR NURSERY STOCK (ASNA) OF THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION. PER 5-6(C)(4)(h).
3. ALL VEGETATED MATERIAL REQUIRED BY THIS SECTION 14-16-5-6 SHALL BE PLANTED IN UNCOMPACTED SOIL. PER 5-6(C)(5)(a).
4. IF USED, WEED BARRIERS SHALL BE PERMEABLE TO OPTIMIZE STORMWATER INFILTRATION AND PREVENT RUNOFF. PER 5-6(C)(5)(b).
5. A MINIMUM OF 2 INCHES OF ORGANIC MULCH IS REQUIRED IN ALL PLANTING AREAS, WITH 3-4 INCHES RECOMMENDED. PER 5-6(C)(5)(d).

PLANTING IN/OVER THE PUBLIC RIGHT-OF-WAY

1. ALL PLANTING OF VEGETATED MATERIAL OR INSTALLATION OF ANY LANDSCAPING, BUFFERING, OR SCREENING MATERIAL IN THE PUBLIC RIGHT-OF WAY SHALL REQUIRE THE PRIOR APPROVAL OF THE CITY. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR THE MAINTENANCE, REPAIRS, OR LIABILITY FOR ALL THE LANDSCAPING PLACED IN OR OVER THE PUBLIC RIGHT-OF WAY. PER 5-6(C)(9)(a).
2. ANY TREES THAT OVERHANG A PUBLIC SIDEWALK OR MAJOR PUBLIC OPEN SPACE SHALL BE TRIMMED TO MAINTAIN AN 8-FOOT CLEARANCE OVER THE SIDEWALK. ANY TREES THAT OVERHANG A PUBLIC STREET SHALL BE TRIMMED TO MAINTAIN A 9-FOOT CLEARANCE OVER THE STREET SURFACE. PER 5-6(C)(9)(b).
3. WHERE LANDSCAPING IS INSTALLED IN THE PUBLIC RIGHT-OF-WAY, THE APPLICANT SHALL INSTALL AN ADEQUATE IRRIGATION SYSTEM THAT MEETS THE MINIMUM TECHNICAL REQUIREMENTS IN ARTICLE 6-6 OF ROA 1994 (TREES, VEGETATION AND LANDSCAPING) AND THE DPM, WITH A SEPARATE METER FOR THE LANDSCAPE AREA IN THE PUBLIC RIGHT-OF-WAY, OR A SEPARATE VALVE(S) AT THE PROPERTY LINE ALLOWING ISOLATION OF THE IRRIGATION TO THE LANDSCAPE WITHIN THE PUBLIC RIGHT-OF-WAY. DRIP IRRIGATION SYSTEMS AND ARTIFICIAL TURF SHALL NOT BE ALLOWED WITHIN THE PUBLIC RIGHT-OF-WAY. PER 5-6(C)(9)(c).

IRRIGATION SYSTEMS

1. IRRIGATION SYSTEMS SHALL COMPLY WITH SECTION 8 OF THE ABCWUA LEGISLATION AND ORDINANCES (CROSS CONNECTION PREVENTION AND CONTROL ORDINANCE). PER 5-6(C)(14)(a).
2. ALL IRRIGATION SYSTEMS SHALL BE DESIGNED TO MINIMIZE THE USE OF WATER. PER 5-6(C)(14)(b).
3. ALL NON-RESIDENTIAL LANDSCAPE IRRIGATION SHALL HAVE AUTOMATIC TIMERS AND/OR PROGRAMMABLE SETTINGS TO AVOID OVERWATERING. PER 5-6(C)(14)(c).
4. THE IRRIGATION SYSTEM SHALL NOT SPRAY OR IRRIGATE IMPERVIOUS SURFACES, INCLUDING SIDEWALKS, DRIVEWAYS, DRIVE AISLES, STREETS, AND PARKING AND LOADING AREAS. PER 5-6(C)(14)(d).

INSTALLATION

1. ANY DAMAGE TO UTILITY LINES RESULTING FROM THE NEGLIGENCE OF THE ABUTTING PROPERTY OWNER OR THE PROPERTY OWNER'S AGENTS OR EMPLOYEES IN THE INSTALLATION AND MAINTENANCE OF ANY LANDSCAPING, SCREENING, OR BUFFERING IN A PUBLIC RIGHT-OF-WAY, PRIVATE WAY, OR EASEMENT SHALL BE THE RESPONSIBILITY OF SUCH PROPERTY OWNER. ANY DAMAGE TO UTILITY LINES RESULTING FROM THE GROWTH OF PLANT MATERIALS THAT HAVE BEEN APPROVED BY THE APPLICABLE PUBLIC UTILITY AS PART OF A PLAN FOR LANDSCAPING, SCREENING, OR BUFFERING ON THE PUBLIC RIGHT OF WAY SHALL BE THE RESPONSIBILITY OF SUCH PUBLIC UTILITY. IF A PUBLIC UTILITY DISTURBS LANDSCAPING, SCREENING, OR BUFFERING IN A PUBLIC RIGHT-OF-WAY, PRIVATE WAY, OR EASEMENT, IT SHALL MAKE EVERY REASONABLE EFFORT TO PRESERVE THE LANDSCAPING MATERIALS AND RETURN THEM TO THEIR PRIOR LOCATIONS AFTER THE UTILITY WORK. IF THE PLANT MATERIALS DIE DESPITE THOSE EFFORTS, IT IS THE OBLIGATION OF THE ABUTTING PROPERTY OWNER TO REPLACE THE PLANT MATERIALS. PER 5-6(C)(15)(c)
2. PROPERTY OWNERS ACKNOWLEDGE THAT APPROVED LANDSCAPING AND TREES INSTALLED AND MAINTAINED IN A PUBLIC RIGHT-OF-WAY, PRIVATE WAY, OR EASEMENT ABUTTING PRIVATE PROPERTIES ARE THE PROPERTY OF THE CITY, AND THAT THAT THE CITY RESERVES THE RIGHT TO REMOVE THEM IF NECESSARY FOR A TRANSPORTATION PROJECT WITHOUT COMPENSATION, BUT AT NO COST TO THE PROPERTY OWNER. LANDSCAPING INSTALLED IN AN ABUTTING PUBLIC RIGHT-OF-WAY,PRIVATE WAY, OR EASEMENT BY PROPERTY OWNERS AND LATER REMOVED BY THE CITY SHALL NOT IMPACT PREVIOUSLY APPROVED NET LOT AREA CALCULATIONS FOR REQUIRED LANDSCAPING. PER 5-6(C)(15)(d)

IRRIGATION CONTRACTORS RESPONSIBILITY

THE IRRIGATION SYSTEM CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING:

1. AN AUTOMATIC IRRIGATION SYSTEM SHALL BE PROVIDED FOR THE LANDSCAPE IMPROVEMENTS.
2. AUTOMATIC CONTROL VALVES SHALL BE RAIN BIRD PEB PLASTIC BODY AUTOMATIC VALVE OR AS APPROVED BY THE CITY DEPARTMENT RESPONSIBLE FOR MAINTENANCE.
3. ALL VALVES SHALL BE INSTALLED IN VALVE BOXES PER CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (CITY STANDARD SPECIFICATIONS).
4. VALVE BOXES SHALL BE LOCATED SO EDGE OF VALVE BOX IS MINIMUM TWO FEET FROM THE EDGE OF THE MATURE SPREAD OF A SHRUB AND MINIMUM SIX FEET FROM THE EDGE OF A TREE ROOT BALL.
5. VALVE BOXES AND LIDS SHALL BE TAN COLOR.
6. A MINIMUM OF 36 INCHES SHALL BE PROVIDED BETWEEN ADJACENT VALVE BOXES.
7. IRRIGATION SYSTEM SHALL BE A BUBBLER SYSTEM. DRIP AND/OR SPRAY IRRIGATION IS NOT ACCEPTABLE. BUBBLERS SHALL BE PROVIDED AS FOLLOWS:
   a. TREE: 3 EACH 1.0 GALLON PER MINUTE (GPM) BUBBLERS
   b. VERTICAL SHRUB: 2 EACH 0.5 GPM BUBBLERS
   c. SHRUB: 1 EACH 0.5 GPM BUBBLER
   d. YUCCA AND OTHER VERY LOW WATER-USE SHRUBS: 1 EACH 0.25 BUBBLER
8. BUBBLERS SHALL BE LOCATED 3 FEET FROM THE CENTER OF THE TREE TRUNK, TRIANGULATED AROUND THE ROOT BALL.
   a. WHERE A TREE IS LOCATED ON A SLOPE, TWO (2) OF THE BUBBLERS SHALL BE LOCATED ON THE HIGH SIDE OF THE TREE.
   b. IF A LANDSCAPED AREA IS TOO NARROW TO TRIANGULATE 3 BUBBLERS AROUND THE ROOT BALL, TWO (2) BUBBLERS SHALL BE INSTALLED, ONE ON EACH SIDE OF THE ROOT WHERE A TREE IS LOCATED ON A SLOPE, THE 2 BUBBLERS SHALL BE LOCATED ON THE HIGH SIDE OF THE TREE.
9. BUBBLERS SHALL BE LOCATED 12 INCHES TO 18 INCHES FROM THE CENTER OF THE WHERE A SHRUB IS LOCATED ON A SLOPE, BUBBLERS SHALL BE LOCATED ON THE HIGH SIDE OF THE SHRUB.
10. WHERE THERE ARE SIGNIFICANT CHANGES IN ELEVATION, IN-LINE CHECK VALVES SHALL BE INSTALLED ON LATERAL LINES AS REQUIRED TO EVENLY DISTRIBUTE LOW HEAD DRAINAGE.
11. AN AIR RELIEF VALVE SHALL BE INSTALLED AT EACH HIGH POINT ON THE MAIN LINE.
12. THE IRRIGATION SYSTEM SHALL BE INDEPENDENT OF OTHER PROPERTIES AND SHALL HAVE DEDICATED UTILITIES. IRRIGATION SYSTEM SHALL CONNECT TO A PUBLIC WATER SYSTEM NON-POTABLE LINE IF AVAILABLE AND IF RELIABLY CHARGED.
13. THE IRRIGATION SYSTEM SHALL HAVE A CROSS CONNECTION DEVICE, INSTALLED AND LOCATED IN ACCORDANCE WITH CITY AND ABCWUA STANDARDS.
14. BACKFLOW PREVENTER ENCLOSURE SHALL BE A "HOT ROK" OR EQUALLY INSULATED ENCLOSURE, WITH HEAT TAPE AND ELECTRICAL POWER, HINGED LID, CLASP FOR LOCK, AND L-SHAPED METAL CLASP REINFORCEMENT. BACKFLOW PREVENTER AND ENCLOSURE SHALL BE INSTALLED IN ACCORDANCE WITH CITY STANDARD SPECIFICATIONS.
15. IRRIGATION CONTROLLER SHALL BE PROVIDED IN ACCORDANCE WITH CURRENT CITY STANDARD SPECIFICATIONS AND AS APPROVED BY THE CITY DEPARTMENT RESPONSIBLE FOR MAINTENANCE.
16. IRRIGATION CONTROLLER SHALL BE INSTALLED IN A UL-RATED ENCLOSURE PER CITY STANDARD SPECIFICATIONS OR AS APPROVED BY THE CITY DEPARTMENT RESPONSIBLE LAST PRINTED: SEPTEMBER 4, 2020 LANDSCAPE AND IRRIGATION 11-5 D M FOR MAINTENANCE. ENCLOSURE SHALL BE POWDER COATED, COLOR TAN. ENCLOSURE SHALL BE MOUNTED ON A 6 INCHES THICK SLAB OF CONCRETE WITH 4 INCHES WIDE LIP ON ALL SIDES, SLOPED AWAY FROM THE CONTROLLER ENCLOSURE.
17. A MASTER VALVE AND FLOW SENSOR SHALL BE PROVIDED AND INSTALLED PER CITY STANDARD SPECIFICATIONS. COMMUNICATION WIRE FOR THE FLOW SENSOR SHALL BE BLACK COMMUNICATION CABLE (WITH INTERNAL CONTROL WIRE AND GROUND) DEDICATED TO THE FLOW SENSOR.
18. ELECTRIC SERVICE SHALL BE PROVIDED TO THE IRRIGATION CONTROLLER AND BACKFLOW PREVENTER OR AS APPROVED BY THE CITY DEPARTMENT RESPONSIBLE FOR MAINTENANCE.
19. THE IRRIGATION CONTROLLER, BACKFLOW PREVENTER, AND RELATED EQUIPMENT SHALL BE LOCATED ADJACENT TO THE DESIGNATED MAINTENANCE PARKING PAD ON THE SIDE OF ONCOMING TRAFFIC.
20. MAIN LINE AND LATERAL LINES SHALL BE LOCATED A MINIMUM OF 5 FEET AWAY FROM TRUNKS OF TREES.
21. ONE BUBBLER SHALL BE INSTALLED AT EACH GROUNDING ROD AT THE IRRIGATION CONTROLLER.

LANDSCAPING, BUFFERING, AND SCREENING

1. LANDSCAPING, SCREENING AND BUFFERING AREAS SHALL BE MAINTAINED IN COMPLIANCE WITH ARTICLES 6-6 AND 9-8 OF ROA 1994 (TREES, VEGETATION, AND LANDSCAPING AND WEEDS, LITTER, AND SNOW) AND SECTION 4 OF THE ALBUQUERQUE BERNALILLO COUNTY WATER AUTHORITY (ABCWUA) LEGISLATION AND ORDINANCES (WATER WASTE REDUCTION ORDINANCE). PER 5-13(B)(7)(a)
2. ALL LANDSCAPED AREAS SHALL BE MAINTAINED WITH A NEAT AND ORDERLY APPEARANCE, WHICH INCLUDES PRUNING, REMOVAL AND REPLACEMENT OF DEAD OR DISEASED PLANTS AND TREES, DISPOSAL OF LITTER, REPAIR OF DAMAGED WALLS AND HARD SURFACE AREAS, AND UPKEEP OF IRRIGATION SYSTEMS. PER 5-13(B)(7)(b)
3. WHERE LANDSCAPING WAS INSTALLED PURSUANT TO A SITE PLAN OR DEVELOPMENT APPROVAL, THE LANDSCAPING SHALL BE REPLACED ACCORDING TO ANY LANDSCAPING AND MAINTENANCE PLAN UNDER THAT APPROVAL. PER 5-13(B)(7)(d)
4. TREES OR PLANTS THAT DIE SHALL BE REPLACED BY THE OWNER AS EXPEDITIOUSLY AS POSSIBLE, BUT IN NO CASE LONGER THAN 60 CALENDAR DAYS AFTER NOTICE FROM THE CITY. THE REPLACEMENT OF DEAD VEGETATION IS THE RESPONSIBILITY OF THE PROPERTY OWNER. PER 5-13(B)(7)(e)
5. STREET TREES SHALL BE MAINTAINED ALIVE AND HEALTHY. MAINTAINING AND REPLACING STREET TREES OR OTHER TREES PLANTED IN THE PUBLIC RIGHT-OF-WAY ARE THE RESPONSIBILITY OF ABUTTING PROPERTY OWNERS. PER 5-13(B)(7)(f)

E. PEDESTRIAN WALKWAYS

PROPOSED TREE SPECIES	QTY.	CALIPER
HONEY MESQUITE	2	2"
GRAY OAK	2	2"
MEXICAN ELDER	3	2"
LACEBARK ELM	3	2"

PROPOSED SHRUB SPECIES	QTY.	CONTAINER
THREE-LEAF SUMAC	20	1 GAL.
APACHE PLUME	20	1 GAL.
FERNBUSH	18	1 GAL.
TEXAS RANGE	10	1 GAL.
WOOD'S ROSE	6	1 GAL.

LANDSCAPE REQUIREMENTS

A. GENERAL LANDSCAPE REQUIREMENT: Part 14-16-5 Development Standards, 5-6(C)

NET LOT AREA(SF)	PERCENTAGE OF COVERAGE	REQUIRED LANDSCAPE AREA(SF)	PROPOSED LANDSCAPE AREA(SF)		
437,408	15%	65,611	TREES	77,421	22.16%
			SHRUBS	11,817	3.38%
			GROUNDCOVER (PLANTING MATERIAL)	5,000	1.43%
			GROUNDCOVER (GRAVEL OR CRUSHER)	74,918	21.44%
			SEED	160,143	45.83%
			ORGANIC MULCH	18,791	5.38%
			OUTDOOR SEATING AREA	1,350	0.39%
			TOTAL	**349,439**	**100%**

REQUIRED LANDSCAPE AREA(SF)	PERCENTAGE OF COVERAGE*	REQUIRED VEGETATIVE COVERAGE AREA(SF)	PROPOSED VEGETATIVE COVERAGE AREA(SF)
65,611	75%	55,772	94,237

PROPOSED VEGETATIVE COVERAGE AREA(SF)	PERCENTAGE OF COVERAGE**	REQUIRED GROUND-LEVEL PLANTS AREA(SF)	PROPOSED GROUND-LEVEL PLANTS AREA(SF)
55,772	25%	13,943	16,817

PROPOSED TREE SPECIES	QUANTITY	AREA (SF)	WATER USE
DESERT WILLOW	2	981	LOW TO MEDIUM
AFGHAN PINE	16	11,304	LOW
AUSTRIAN PINE	19	9,322	LOW
HONEY MESQUITE	13	9,185	LOW
GRAY OAK	14	9,891	LOW TO MEDIUM
MEXICAN ELDER	16	7,850	LOW TO MEDIUM
LACEBARK ELM	23	28,888	LOW TO MEDIUM
TOTAL QUANTITY AND COVERAGE AREA	**103**	**77,421**	

PROPOSED SHRUBS SPECIES	QUANTITY	AREA (SF)	WATER USE
CURLLEAF MOUNTAIN MAHOG	47	1,328	LOW
FERNBUSH	80	1,570	LOW
CHAMISA	35	989	LOW
APACHE PLUME (1 GAL)	88	1,727	LOW
APACHE PLUM (5 GAL)	35	989	LOW
TEXAS RANGER (1 GAL)	65	1,276	LOW
TEXAS RANGER (5 GAL)	35	989	LOW
PINELEAF PENSTEMON	101	317	LOW
DESERT PENSTEMON	99	311	LOW
THREE-LEAF SUMAC	88	1,727	LOW
WOODS' ROSE	90	283	LOW
GIANT SACATON	11	311	LOW
TOTAL QUANTITY AND COVERAGE AREA	**774**	**11,817**	

PROPOSED GROUNDCOVER SPECIES	QUANTITY	AREA (SF)	WATER USE
SUNDROPS	1327	1,600	LOW
DESERT BEARDTONGUE	208	1,650	LOW
AUTUMN SAGE	200	1,750	LOW
TOTAL QUANTITY AND COVERAGE AREA	**1735**	**5,000**	

5-6(C)(2)
A minimum of 15 percent of the net lot area of each development shall contain landscaping.
The mature realistic spread of trees and shrubs will be used to calculate required vegetative coverage as follows.
**1. Tree canopies and ground-level plants shall cover a minimum of 75 percent of the total landscape area as measured by canopy width or the area beneath the dripline of the mature size of the actual vegetation.*
***2. Of the required vegetative coverage, a minimum of 25 percent shall be provided as ground-level plants (shrubs, grasses, etc.) as measured of the mature size of the actual vegetation. (See figure below.)*
5-6(C)(4) A minimum of 5 species must be used in the landscaped area.
Only trees and shrubs selected from the Official Albuquerque Plant Palette of low water use, drought tolerant, or xeric species and shown on a landscape plan can count toward the requirements of this Subsection 14-16-5-6(C) (General Landscaping Standards).
5-6(C)(4) Required Plant Materials and Site Amenities
1. A minimum of 5 species must be used in the landscaped area.

B. STREET FRONTAGE LANDSCAPING REQUIREMENT: Part 14-16-5 Development Standards, 5-6(D)

I-40 STREET FRONTAGE (L.F.), EXISTING INTERSTATE			853
TREES REQUIRED:	853	/ 25 L.F. =	35
EXISTING STREET TREES PROVIDED :			-

PROPOSED TREE SPECIES	QTY.	CALIPER
AFGHAN PINE	16	2"
AUSTRIAN PINE	19	2"
PROPOSED STREET TREES PROVIDED :		35
TOTAL STREET TREES PROVIDED :		35

PROPOSED SHRUB SPECIES	QTY.	CONTAINER
CURLLEAF MOUNTAIN MAHOGANY	36	5 GAL.
CHAMISA	35	5 GAL.
APACHE PLUME	35	5 GAL.
TEXAS RANGER	35	5 GAL.
TOTAL SHRUBS PROVIDED :	141	

DAYTONA RD. NW STREET FRONTAGE (L.F.), PROPOSED MAJOR COLLECTOR			730
TREES REQUIRED:	730	/ 25 L.F. =	30
EXISTING STREET TREES PROVIDED :			-

PROPOSED TREE SPECIES	QTY.	CALIPER
HONEY MESQUITE	7	2"
GRAY OAK	8	2"
MEXICAN ELDER	8	2"
LACEBARK ELM	8	2"
PROPOSED STREET TREES PROVIDED :		31
TOTAL STREET TREES PROVIDED :		31

PROPOSED SHRUB SPECIES	QTY.	CONTAINER
FERNBUSH	34	1 GAL.
APACHE PLUME	42	1 GAL.
TEXAS RANGER	30	1 GAL.
PINELEAF PENSTEMON	101	1 GAL.
DESERT PENSTEMON	99	1 GAL.
THREE-LEAF SUMAC	40	1 GAL.
WOOD'S ROSE	90	1 GAL.
TOTAL SHRUBS PROVIDED :	436	

**All development shall comply with Part 6-6-2 of ROA 1994 (Street Trees) and any standards developed by the Parks and Recreation Department or other City department to implement that Ordinance. Trees are generally required along street frontages every 25 feet on center unless specified otherwise in Part 6-6-2 of ROA 1994 (Street Trees). Along street frontages where street trees are required, trees that are planted within 20 feet of the back of curb of the abutting street may fulfill this requirement.*

C. PARKING LOT LANDSCAPING: Part 14-16-5 Development Standards,5-6(F)

PARKING LOT AREA(SF)	REQUIRED RATE*	REQUIRED LANDSCAPE AREA(SF)	PROPOSED LANDSCAPE AREA(SF)
8670	10%	867	1500

PARKING SPACES	REQUIREMENT**	TREE REQUIRED	TREE PROVIDED
20	1 TREE PER 10 PARKING SPACES	2	2

TREE SPECIES	QTY.	DECIDUOUS CANOPY SHADE TREES(Y/N)	PRECENTAGE**
DESERT WILLOW	2	Y	100%
PERCENTAGE OF DECIDUOUS CANOPY SHADE TREES PROVIDED			**100%**

TREE REQUIRED FOR PARKING LOT	REQUIREMENT***	REQUIRED PLANTING AREA(SF)	PROPOSED PLANTING AREA(SF)
2	60 SF PER TREE	120	625

**5-6(F)(2) Parking Lot Interior*
At least 10 percent of the parking lot area of lots containing 50 or fewer spaces, and at least 15 percent of the parking lot area of lots containing 50 or more spaces, shall be landscaped.
***5-6(F)(2)(c) Tree Requirements*
1. One (1) tree is required per 10 parking spaces.
2. No parking space may be more than 100 feet in any direction from a tree trunk.
3. At least 75 percent of the required parking area trees shall be deciduous canopy-type shade trees, capable of achieving a mature canopy diameter of at least 25 feet.
****5-6(F)(2)(d) Location and Dimension of Landscaped Areas*
The minimum size of tree planters within off-street parking areas shall be 60 square feet per tree. This requirement may be reduced to 36 square feet if the surface of a parking or vehicle circulation area abutting the tree planter is of a permeable material and, combined with the tree planter area, meets the 60 square foot per tree requirement.

D. SCREENING LANDSCAPING: Part 14-16-5 Development Standards,5-6(G)

SCREENING REQUIREMENT	SCREENING PROVIDED
SCREENING WALL OR VEGETATIVE SCREEN	VEGETATIVE SCREEN FOR UTILITY

**5-6(G)(2)(c) Screening*
Where it is not practicable to locate ground-mounted mechanical equipment pursuant to Subsections (a) and (b) above, such equipment shall be screened from view by an opaque decorative wall or fence or a vegetative screen.
1. The wall or fence shall be of a height equal to or greater than the height of the mechanical equipment being screened and shall incorporate at least 1 of the primary materials and colors of the nearest wall of the primary building (but excluding exposed CMU block).
2. The vegetative screen shall be planted along the full length of the equipment to be screened and shall be of a height equal to or greater than the height of the equipment to be screened at the time of planting.

Stantec
733 MARQUETTE AVE
SUITE 1000
MINNEAPOLIS, MN 55402
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CLIENT:
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PROJECT TITLE:
ALBUQUERQUE 10 MW
DATA CENTER
DAYTONA RD NW
ALBUQUERQUE, NEW MEXICO 87121

ISSUE NO.:	DATE:	DESCRIPTION:
0	01/08/2024	PRE APPLICATION SUBMITTAL
1	03/08/2024	DRB SUBMITTAL
2	03/20/2024	BID SET
3	05/10/2024	DFT RESUBMITTAL
4	06/03/2024	PERMIT SET
5	08/01/2024	SIDEWALK UPDATE PER ABCWUA
6	09/13/2024	ASI-004

CERTIFICATION:
STATE OF NEW MEXICO
JAMES C. YOREK
LA-2024-0009
REGISTERED
LANDSCAPE ARCHITECT
06/03/2024

PROJECT NO.: 193806697

DWN BY:	CHK'D BY:	APP'D BY:
SY	TH	CY

ISSUE DATE: 09/13/2024

ISSUE NO.: 6

SHEET TITLE:
LANDSCAPE
NOTES &
REQUIREMENTS

SHEET NO.:
L-800

1013.1 GENERAL

1013.1.1 SCOPE

Furnish all labor, materials and equipment necessary for preparation of seedbed, furnishing and installation of seed, erosion control measures, soil amendments, and related work specified herein and as indicated on plans or as authorized by the LANDSCAPE ARCHITECT or ENGINEER.

This specification shall apply to large ponding areas on sites where a landscape plan for building permit is not required, and all ponds that are greater than or equal to 2 acres in size.

Smaller water quality ponds shall incorporate Low Impact Development Strategies as described in the City of Albuquerque Development Process Manual (DPM). Treatments described in this specification may apply as Best Management Practices where deemed practicable by the LANDSCAPE ARCHITECT or ENGINEER.

1013.1.2 APPLICABLE STANDARDS & REFERENCES:

1013.1.2.1 Drawings and general provisions of the Contract, including City of Albuquerque Standard Specifications for Public Works Construction, Latest Edition. General Conditions and any Supplemental Special Provisions, apply to this Section.

1013.1.2.2 All seed shall be certified by state of origin. The certification authority for the state of New Mexico is the New Mexico Crop Improvement Association.

1013.1.2.3 Reclamation efforts are controlled by the requirements stipulated in the National Pollution Discharge Elimination System General Permit for Region VI of the Environmental Protection Agency.

1013.1.3 PERFORMANCE REQUIREMENTS

1013.1.3.1 The CONTRACTOR shall be responsible for protecting and caring for seeded areas until final acceptance of the work and shall repair at CONTRACTOR expense any damage to seeded areas caused by pedestrian, vehicular traffic, vandalism or other cause.

1013.1.4 SUBMITTALS

1013.1.4.1 THIS PUBLICATION - Section 1502 - Submittals

1013.1.4.2 Certification of Seed: From seed vendor for each mixture, stating the botanical and common name, percentage by weight of each species and variety, and percentage of purity, germination, and weed seed. Include the year of production and date of packaging. Include state, origin and name and telephone number of supplier.

1013.1.4.3 Product Certificates: For organic amendments from manufacturer.

1013.1.4.5 Sources of supply, color, and size for aggregate mulch.

1013.4.6 Source of supply and product information for wood mulch.

1013.1.5 DELIVERY, STORAGE & HANDLING

1013.1.5.1 Seed and Other Packaged Materials: Deliver packaged materials in original, unopened containers showing weight, certified analysis, name and address of manufacturer, and indication of compliance with state and Federal laws, as applicable.

1013.1.5.2 Bulk Materials:

a. Do not dump or store bulk materials near fuel containers, herbicides, structures, utilities, walkways and pavements, or on existing turf areas or plants.

b. Provide erosion-control measures to prevent erosion or displacement of bulk materials; discharge of soil-bearing water runoff; and airborne dust reaching adjacent properties, water conveyance systems, or walkways.

c. Accompany each delivery of bulk materials with appropriate certificates.

1013.2 PRODUCTS

1013.2.1 SEED

1013.2.1.1 Seed: The-seed species and rate of application shall be as shown below and shall be used based on the type of soil or as specified on the plans or in the Supplemental Technical Specifications.

1013.2.1.2 Seed shall be fresh, re-cleaned seed of the latest crop, mixed in the proportions by weight, and be pure live seed as denoted within these specifications or as per the plans.

1013.2.1.3 Seed shall be delivered to the site in the original unopened containers which shall bear the vendor's guarantee of analysis. Labeling of seed shall be in accordance with Federal Seed Laws and the New Mexico Department of Agriculture labeling laws. Federal seed laws require that analysis shall be no older than five months for seed shipped interstate and no older than nine months for seed shipped intra-state. Seeds may be pre-mixed by a seed dealer. Documentation must be provided, the same as if the seeds were sold or bagged separately. The LANDSCAPE ARCHITECT or ENGINEER shall receive all labels from all bags of seed used for verification. For each species included in the mix the following information will be found on each bag tag:

a. Variety - specify if certified.

b. Kind of seed

c. Lot number

d. Purity

e. Germination

f. % of Crop seed, % inert, % noxious weed

g. Origin

h. Test date

i. Pounds of this species or percentage of total lot.

1013.2.1.4Seed Mixture and Rate: Seed species mixtures and application rates shall be as follows and shall be used based on the soil type unless otherwise specified in the plans or Supplemental Technical Specifications.

a. Gravelly Uplands and Slopes (Mainly East Foothills): Seed rate is given in pounds of pure live seed (PLS) per acre.. Mix shall include at least four of the wildflower species listed below at a total application rate of at least 2.0# PLS/AC.

a. Gravelly Uplands & Slopes	#PLS/AC	Notes
Bouteloua gracilis 'Hachita' – Blue Grama	7.0	
Bouteloua curtipendula 'Niner' - Sideoats Grama	5.0	
Stipa neomexicana – Needle & Thread Grass	2.0	
Oryzopsis hymenoides - Indian Rice Grass	2.0	
Koeleria macrantha – June Grass	1.0	
Aristida purpurea – Purple Threeawn	1.0	
Pleuraphis jamesii 'Viva' – Galleta	1.0	
Dalea purpurea var purpurea – Purple Prairie Clover	.25	Perennial Wildflower
Ratibida columnifera forma pulcherrima – Mexican Hat	.25	Perennial Wildflower
Gaillardia aristata - Blanket Flower	.25	Perennial Wildflower
Sphaeralcea parvifolia - Nelson Globemallow	.25	Perennial Wildflower
Oenothera pallida - White Evening Primrose	.25	Perennial Wildflower
Baileya multiradiata - Desert Marigold	.25	Perennial Wildflower
Berlandiera lyrata – Chocolate Flower	.25	Perennial Wildflower
Abronia fragrans or *Abronia villosa* - Sand Verbena	.25	Perennial Wildflower

b. Sandy Soils: (Mainly Westside Areas) Seed rate is given in pounds of pure live seed (PLS) per acre. Mix shall include at least four of the wildflower species listed below at a total application rate of at least 2.0# PLS/AC.

b. Sandy Soils	#PLS/AC	Notes
Hilaria jamesii 'Viva' - Galleta	7.0	
Oryzopsis hymenoides 'Paloma' - Indian Rice Grass	5.0	
Bouteloua gracilis 'Hachita' – Blue Grama	2.0	
Bouteloua curtipendula 'Vaughn' – Sideoats Grama	1.0	
Agropyron smithii 'Arriba' – Western Wheat	1.0	
Sporobolus cryptandrus – Sand Dropseed	1.0	
Sporobolus airoides 'Salado' – Alkali Sacaton	1.0	
Artemisia frigida – Fringed sagebush	.25	Low Shrub
Sphaeralcea ambigua – Desert Globemallow	.25	Perennial wildflower
Spaeralcea parvifolia – Nelson Globemallow	.25	Perennial wildflower
Helianthus annuus	.5	Annual wildflower
Oenothera pallida – White Evening Primrose	.25	Perennial wildflower
Baileya multiradiata – Desert Marigold	.25	Biennial wildflower
Abronia fragrans or Abronia villosa – Sand Verbena	.25	Perennial wildflower

b. Sandy Soils	#PLS/AC	Notes
Dalea purpurea var purpurea – Purple Prairie Clover	.25	Perennial Wildflower
Machaeranthera canescens – Hoary tanseyaster	.25	Perennial wildflower
Berlandiera lyrata – Chocolate Flower	.25	Perennial Wildflower
Ratibida columnifera forma pulcherrima – Mexican Hat	.25	Perennial Wildflower

c. Clay, Clay Loam Soils: Mainly Valley & Bosque areas). Seed rate is given in pounds of pure live seed (PLS) per acre. Mix shall include at least four of the perennial wildflower species listed below at a total application rate of 2.0# PLS/AC.

c. Clay, Clay Loam Soils	#PLS/AC	Notes
Hilaria jamesii 'Viva' - Galleta	4.0	
Bouteloua curtipendula 'Vaughn' – Sideoats Grama	3.0	
Oryzopsis hymenoides 'Paloma' - Indian Rice Grass	2.0	
Sporobolus airoides 'Salado' – Alkali Sacaton	2.0	
Agropyron smithii 'Arriba' – Western Wheat	1.0	
Bouteloua gracilis 'Hachita' – Blue Grama	1.0	
Sporobolus cryptandrus – Sand Dropseed	1.0	
Sorughastrum nutans – Indian Grass	.5	
Artemisia ludoviciana – Prairie Sage	.25	Low Shrub
Oenothera hookeri – Evening Primrose	.25	Perennial wildflower
Oenothera pallida – White Evening Primrose	.25	Perennial wildflower
Machaeranthera canescens – Hoary tanseyaster	.25	Perennial wildflower
Linum lewisii – Blue Flax	.25	Perennial wildflower
Helianthus annuus - Sunflower	.5	Annual wildflower
Sphaeralcea ambigua Desert Globemallow	.25	Perennial wildflower
Dalea purpurea var purpurea – Purple Prairie Clover	.25	Perennial Wildflower
Ratibida columnifera forma pulcherrima – Mexican Hat	.25	Perennial Wildflower

d. Specific seed mixture application areas shall be determined in the field with the LANDSCAPE ARCHITECT or ENGINEER prior to seed installation. Alternate seed mixes, variations of species, and variations of application rates are acceptable if noted on the plans or approved in writing by the LANDSCAPE ARCHITECT or ENGINEER. Variations in application rates due to the presence of irrigation are acceptable if noted on the plans or approved in writing by the LANDSCAPE ARCHITECT or ENGINEER.

1013.2.3 MULCHES

1013.2.3.1 Aggregate Mulch on slopes flatter than 3:1
a. Aggregate mulch shall be 1" to 4" size angular material. Pumice and black aggregate are not acceptable.

1013.2.3 Aggregate Mulch on slopes between 3:1 and 2:1

a. Aggregate mulch shall consist of 2" to 8" size angular material. Pumice and black aggregate are not acceptable.

1013.2.4 Aggregate Mulch at base of slope

a. Aggregate mulch at base of slope shall consist of 2" to 4" size angular material. Pumice and black aggregate are not acceptable.

1013.2.5 Wood mulch: Base of slope

a. Wood mulch installed under angular aggregate at base of slope shall be chipped or shredded and free of foreign materials (see materials supply guide from the City of Albuquerque). Individual pieces of wood shall vary in size.

1013.2.4 SOIL AMENDMENT

1013.2.4.1 Soil Amendments:

The Contractor shall furnish and place composted mulch in all revegetation areas flatter than 3:1 slope (see materials supply guide from the City of Albuquerque).

1013.3 EXECUTION

1013.3.1 EXAMINATION

1013.3.1.1 Examine areas to be planted for compliance with requirements and other conditions affecting installation and performance of the Work.

a. Verify that no foreign or deleterious material or liquid such as paint, paint washout, concrete slurry, concrete layers or chunks, cement, plaster, oils, gasoline, diesel fuel, paint thinner, turpentine, tar, roofing compound, or acid has been deposited in soil within a planting area.

b. Suspend planting operations during periods of excessive soil moisture until the moisture content reaches acceptable levels to attain the required results.

c. Uniformly moisten excessively dry soil that is not workable or which is dusty.

1013.3.1.2 Proceed with installation only after unsatisfactory conditions have been corrected.

1013.3.1.3 If contamination by foreign or deleterious material or liquid is present in soil within a planting area, remove the soil and contamination as directed by the LANDSCAPE ARCHITECT or ENGINEER and replace with new planting soil at no additional cost to the OWNER.

1013.3.2 PREPARATION

1013.3.2.1 Protect structures; utilities; sidewalks; pavements; and other facilities, trees, shrubs, and plantings from damage caused by seeding operations.

a. Protect grade stakes set by others until directed to remove them.

1013.3.2.2 Install 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. Reference project NEPA and/or SWPPP requirements if applicable.

1013.3.3 SEED BED PREPARATION

1013.3.3.1 Prior to the starting of any seed bed preparation the final grades of all earthwork shall be inspected and approved by the LANDSCAPE ARCHITECT or ENGINEER.

1013.3.3.2 No preparation shall be performed when the surface is wet or muddy or when the soil moisture content is such that the soil is not fully loosened by the disking operation.

1013.3.3.1. No preparation shall be performed when the ground is frozen or when air temperatures are below 32 degrees Fahrenheit.

1013.3.3.3 The extent of seed bed preparation shall not exceed the area on which seeding and mulching operations can be completed prior to crusting or wind or water erosion of the prepared surface. If erosion, crusting or re-compaction occurs, the affected area shall be re-worked beginning with seed bed preparation. Depth of preparation must be approved by the LANDSCAPE ARCHITECT or ENGINEER prior to the seeding and mulching operations.

1013.3.3.4 Mechanical Preparation: All areas flatter than 3:1 slope shall be mechanically prepared. Seed beds shall be prepared to a minimum depth of 4 inches, tilling with a disc, harrow or chiseling tools. Seed bed preparation shall be confined to disturbed areas unless otherwise specifically directed by the LANDSCAPE ARCHITECT or ENGINEER. Area of heavy or compacted soil may require additional preparation such as chiseling or ripping if disking alone does not result in specified depth. All competitive vegetation shall be uprooted during seed bed preparation and the soil shall be uniformly worked to a smooth, firm surface free of clods, stones or other foreign materials, 4 inches or larger, that would interfere with seeding or crimping equipment operations and germination. Tilling shall not occur when the steady wind speed is over 15 mph and is causing a dust problem to adjoining areas. No work shall be done when the moisture content of the soil is unfavorable or the ground is frozen or is otherwise in an un-tillable condition.

Following disking of seed beds, 1" depth of compost shall be applied to all mechanically prepared areas and disked or tilled to a 4" depth.

1013.3.3.5 Hand preparation: Areas which cannot be prepared with mechanized equipment because of small size or irregular shape, significant existing vegetation which is to remain, may be loosened to a minimum depth of 2 inches using hand tools or small mechanized equipment. Any such areas will be specified on the plans or approved in writing by the LANDSCAPE ARCHITECT or ENGINEER.

1013.3.5 SEEDING

1013.3.5.1 General: Three specific seed mixes have been specified for distinct areas of the city. Seeded areas shall be drill seeded and mulched where slopes are flatter than 3:1 unless otherwise directed by the LANDSCAPE ARCHITECT or ENGINEER. Slopes steeper than 3:1 shall be broadcast seeded or hydro-seeded as per plans or as directed by the LANDSCAPE ARCHITECT or ENGINEER.

a. Seeding shall not start until the seed bed preparation has been inspected and approved by the LANDSCAPE ARCHITECT or ENGINEER.

b. CONTRACTOR'S vehicles and other equipment shall not travel over the prepared areas. If, as determined by the LANDSCAPE ARCHITECT or ENGINEER, that rain or some other factor has impacted prepared surfaces so that it is not possible to seed to the proper depth, the CONTRACTOR shall again prepare the seed bed without additional compensation.

c. No more area may be seeded than can be stabilized (i.e. covered with gravel mulch if on a slope) by the end of the work day. No seeding operations may be conducted when steady wind speeds exceed 15 mph. If steady winds exceed 15 mph, seeding operations will be halted and any areas seeded shall be mulched.

d. Weather Limitations: Proceed with seeding operations only when existing and forecasted weather conditions permit planting to be performed when beneficial and optimum results may be obtained. Apply products during favorable weather conditions according to this specification.

1013.3.5.2 Drill Seeding: Drill seeding is required for areas flatter than 3:1 unless otherwise specified in the plans or in the Supplemental Technical Specifications or approved in writing by the LANDSCAPE ARCHITECT or ENGINEER. Seed shall be applied with a landscape seeder with double rollers, or "rangeland" type seed drill equipped with packer wheels. Seed shall be drilled to a maximum depth of 1/2 inch unless otherwise specified. Direction of seeding shall be in long sweeping and overlapping S-curves on flats and perpendicular to slopes and on the contour whenever possible.

1013.3.5.3 Broadcast Seeding: Seed may be applied by hand or by utilizing a rotary spreader or a seeder box with a gear feed mechanism if mechanized seeding is not possible due to limited size, irregular shape, or slopes between 3:1 and 2:1. Rice hulls or other fillers shall be used to prevent uneven separation of lighter seed. Seed shall be evenly distributed and applied at a rate which is a minimum of twice that of drilled seed rate unless otherwise specified. Immediately following the seeding operation, the seed-bed shall be lightly raked to provide approximately 1/2 inch cover of soil over the seed.

1013.3.5.4 Hydro Seeding: Areas with slopes between 3:1 and 2:1 may be hydroseeded. Seed shall be applied in a slurry with biodegradable dye and 500 lbs/acre of wood fiber. Hydrosseed shall be uniformly using broad sweeping strokes. Seed shall not remain in the tank for more than 30 minutes.

1013.3.7 MULCHING

1013.3.7.1 General: All seeded areas on slopes shall be mulched unless otherwise specified on the plans or in the Supplemental Technical Specifications or approved in writing by the LANDSCAPE ARCHITECT or ENGINEER. The pond bottom does not require mulching.

1013.3.7.2 On seeded areas that are level no mulch is required unless otherwise specified on the plans or in the Supplemental Technical Specifications or with prior written approval of the LANDSCAPE ARCHITECT or ENGINEER. On seeded areas that have slopes only gravel mulch may be used as specified on the plans and in the Supplemental Technical Specifications.

1013.3.7.6 Aggregate Mulch on sloped areas flatter than 3:1

a. Slopes shall receive aggregate mulch immediately following seeding operations. 1" – 4" size aggregate mulch shall be placed in a layer one rock deep over seeded areas. Aggregate mulch shall be installed at a density approximately equal to 80%-100% coverage of the surface area. Gaps present between pieces of aggregate are desired. Contractor shall not fill the inherent gaps with smaller graded aggregate. Seeding and mulching shall be completed simultaneously in strips from the top of the slope to the bottom so that seeded areas are not damaged by equipment for installation of aggregate. See sketch 1013-SKL-1.

1013.3.7.7 Aggregate mulch on sloped areas between 3:1 and 2:1

a. Slopes shall receive aggregate mulch immediately following seeding operations. 2" – 8" size aggregate mulch shall be placed in a layer one rock deep over seeded areas. Aggregate mulch shall be installed at a density approximately equal to 80%-100% coverage of the surface area. Gaps present between pieces of aggregate are desired. Contractor shall not fill the inherent gaps with smaller graded aggregate. Seeding and mulching shall be completed simultaneously in strips from the top of the slope to the bottom so that seeded areas are not damaged by equipment for installation of aggregate. See sketch 1013-SKL-2.

1013.3.7.8 Aggregate mulch at base of slope

a. An approximately 6'-0" buffer at the base of the slope shall receive a 4" depth of aggregate mulch over wood mulch. See sketches 1013-SKL-1 and 1013-SKL-2.

b. All other slopes shall receive aggregate mulch immediately following seeding operations.

1013.3.7.9 Wood Mulch at base of slope at pond edges

a. Wood mulch at base of slope at pond edges shall be installed at a 3" depth under aggregate. See sketches 1013-SKL-1 and 1013-SKL-2.

1013.3.7.10 SUMMARY OF EXECUTION

Operation	Basin Bottom	Base of Slope at ponding area	Slope flatter than 3:1	Slope between 3:1 and 2:1
Disk seed bed to four inches (4")	X		X	
Apply one inch (1") of compost, disk to 4"	X		X	
Drill Seed	X		X	
Hand Broadcast or Hydroseed	X		X	X
Apply 3" depth chipped or shredded wood mulch		X		
Apply one-rock deep layer of 1" – 4" aggregate		X	X	
Apply one-rock deep layer of 2"-8" aggregate				X

1013.3.8 MAINTENANCE AND PROTECTION

1013.3.8.2 The CONTRACTOR shall be responsible for protecting seeded and mulched areas until final acceptance of the work and shall repair at his/her expense any damage to seeded and mulched areas caused by pedestrian or vehicular traffic or vandalism.

1013.3.11 WARRANTY

1013.3.11.1 If at the end of one complete growing season, it has been determined by the LANDSCAPE ARCHITECT or ENGINEER that insufficient germination has occurred in the CONTRACTOR shall reseed such areas with no additional cost to the OWNER.

1013.3.11.3 CONTRACTOR shall provide a certificate to the OWNER prior to final acceptance that all requirements of this specification have been met.

1013.3.12 REVIEWS AND OBSERVATIONS

1013.3.12.1 The following shall be the minimum required reviews and observations during the course of construction. Additional reviews and observations can be made at any time at the discretion of the LANDSCAPE ARCHITECT or ENGINEER. It shall be the responsibility of the CONTRACTOR to notify the LANDSCAPE ARCHITECT or ENGINEER, in writing, 48 hours in advance of each required review or observation.

1013.3.12.2 The sequence of required reviews and observations shall not be changed from the sequence listed below. The CONTRACTOR shall not proceed with work of the next phase without written approval of the work of the previous phase by the LANDSCAPE ARCHITECT or ENGINEER. Payment will not be approved for items which have not been reviewed and approved in writing.

a. Each phase of soil preparation shall be observed in process.

b. Finish grade shall be reviewed.

c. Implementation plan shall be approved prior to seeding.

d. Seed shall be reviewed prior to seeding.

e. Seeded area shall be reviewed after completion.

f. Mulched areas shall be reviewed after completion.

g. Final review and acceptance.

h. Warranty review

1013.3.13 MEASUREMENT & PAYMENT

1013.3.13.1 Measurement: The measurement of grass seeding shall be by the acre.

1013.3.13.2 Payment: Payment shall be made at the contract unit price per acre, of seeding complete in place, which shall include the seed, area preparation, seeding, soil amendments, and mulching.

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1	DRB SUBMITTAL	03/08/2024
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CERTIFICATION:
STATE OF NEW MEXICO
JAMES C. YOREK
LA-2024-0009
REGISTERED
LANDSCAPE ARCHITECT
06/03/2024

PROJECT NO.: 193806697

DWN BY:	CHK'D BY:	APP'D BY:
SY	TH	CY

ISSUE DATE: 09/13/2024

ISSUE NO.: 6

SHEET TITLE:
LANDSCAPE SEED SPECIFICATION

SHEET NO.:
L-801

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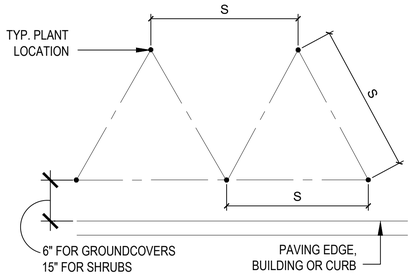
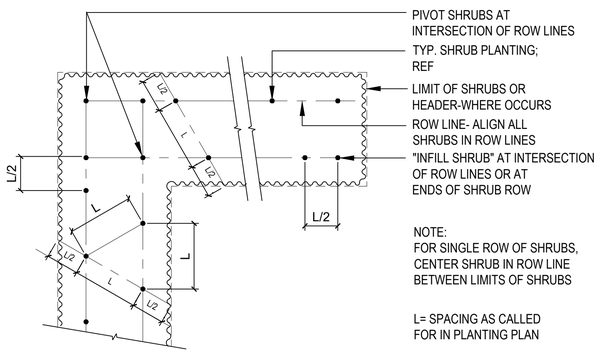
\\US2042-PPFSS01\shared_projects\193806697\5_DESIGN\1_CAD\3 PLANSHEETS\L-800 LANDSCAPE NOTES.dwg

NOTE: DIMENSION 'S' DENOTES PLANT SPACING AS CALLED OUT ON PLANT LIST.



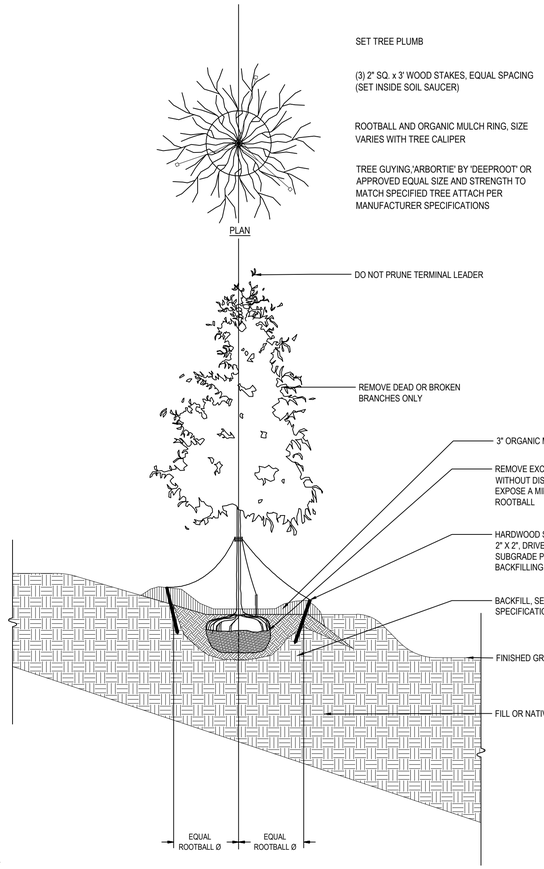
SPACING	PLANTS / SF
6" O.C.	4.61
8" O.C.	2.60
9" O.C.	1.78
10" O.C.	1.66
12" O.C.	1.15
15" O.C.	.738
18" O.C.	.50
24" O.C.	.28
30" O.C.	.18
36" O.C.	.12
48" O.C.	.07
60" O.C.	.04
72" O.C.	.03



NOTE:
FOR SINGLE ROW OF SHRUBS, CENTER SHRUB IN ROW LINE BETWEEN LIMITS OF SHRUBS

L= SPACING AS CALLED FOR IN PLANTING PLAN

6 DETAIL: PLANT SPACING CHART
L-802 NOT TO SCALE



5 DETAIL: TREE PLANTING ON SLOPE
L-802 NOT TO SCALE

NOTES:
1. DO NOT HEAVILY PRUNE THE TREE AT PLANTING. PRUNE ONLY CROSSOVER LIMBS, CO-DOMINANT LEADERS AND BROKEN OR DEAD BRANCHES, SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE PRUNED; HOWEVER DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.

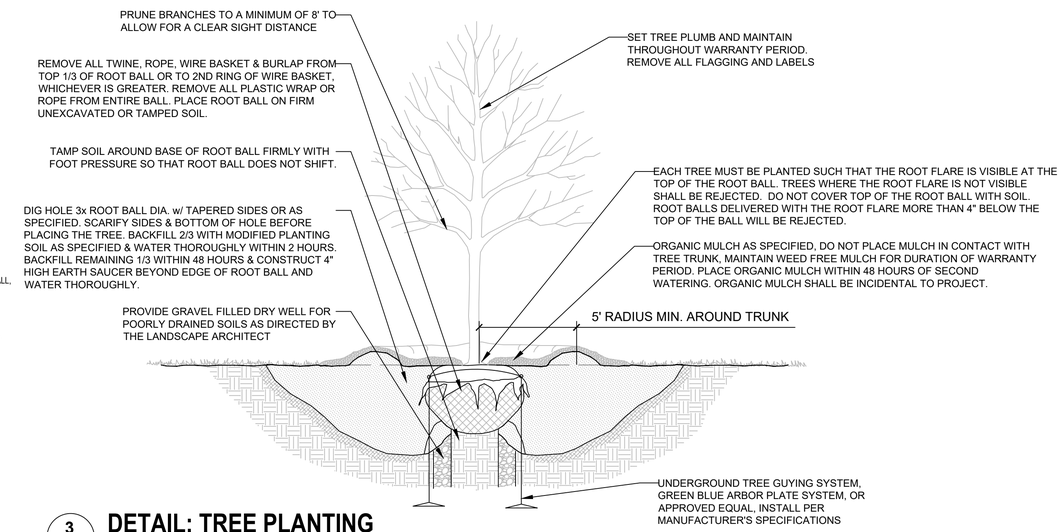
2. STAKE TREES ONLY AS SPECIFIED AT THE DIRECTION OF LANDSCAPE ARCHITECT WRAP TREE TRUNKS AS SPECIFIED. MARK THE NORTH SIDE OF THE TREE IN THE NURSERY, AND ROTATE TREE TO FACE NORTH IN THE FIELD.

3. SET TOP OF ROOT BALL FLUSH TO GRADE OR 1-2 IN. HIGHER IN SLOWLY DRAINING SOILS.

4. CONTRACTOR IS RESPONSIBLE FOR TESTING PERCOLATION RATES PRIOR TO PLANTING. NOTIFY LANDSCAPE ARCHITECT OF ANY POTENTIAL DRAINAGE ISSUES PRIOR TO FINAL PLANTING. INSTALL APPROVED DRAINAGE MATERIALS AS DIRECTED.

5. IF PLANT IS SHIPPED WITH A CONTAINER AROUND THE ROOTBALL, SLICE SIDES OF CONTAINER AND REMOVE COMPLETELY. USE FINGERS OR SMALL HAND TOOLS TO PULL ROOTS OUT OF THE OUTER LAYER OF POTTING SOIL, THEN CUT OR PULL APART ANY CIRCLING ROOTS.

6. TO IMPROVE TRANSPLANTING SUCCESS THE FOLLOWING VARIETIES SHOULD BE SPRING PLANTED ONLY: PINE, OAK, MAPLE, HONEYLOCUST AND CRABAPPLE.



3 DETAIL: TREE PLANTING
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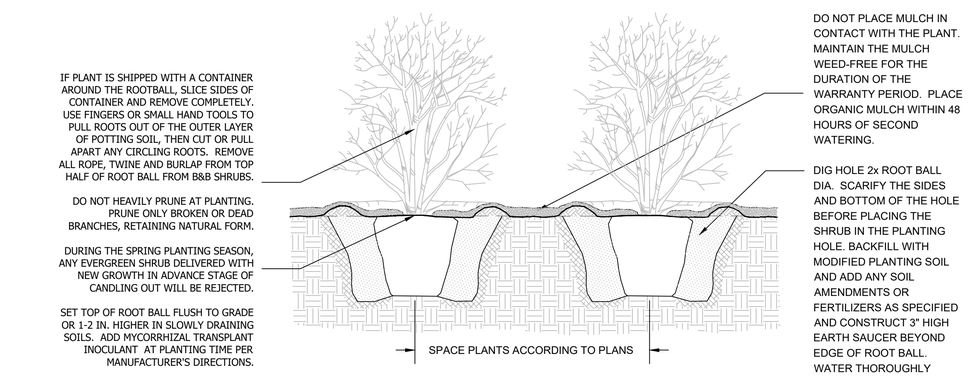

2 DETAIL: SHRUB PLANTING
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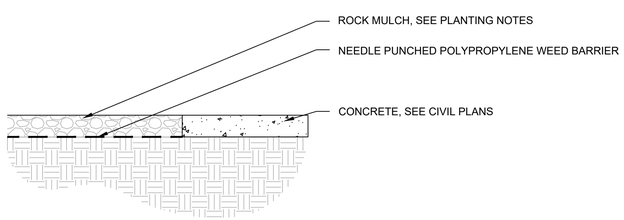

4 DETAIL: ROCK MULCH AT CONCRETE
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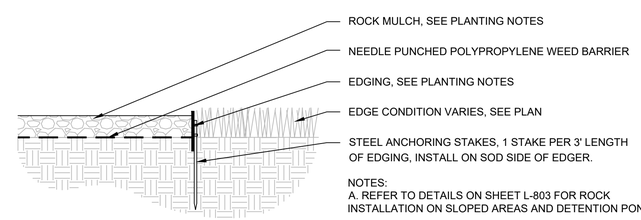

NOTES:
A. REFER TO DETAILS ON SHEET L-803 FOR ROCK INSTALLATION ON SLOPED AREAS AND DETENTION PONDS.

1 DETAIL: ROCK MULCH WITH EDGER
L-802 NOT TO SCALE

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06/03/2024	PERMIT SET	4
08/01/2024	SIDEWALK UPDATE PER ABCWUA	5
09/13/2024	ASI-004	6

CERTIFICATION:
STATE OF NEW MEXICO
JAMES C. YOREK
LA-2024-0009
REGISTERED LANDSCAPE ARCHITECT
06/03/2024

PROJECT NO.: 193806697

DWN BY:	CHK'D BY:	APP'D BY:
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ISSUE DATE: 09/13/2024
ISSUE NO.: 6
SHEET TITLE: LANDSCAPE DETAILS
SHEET NO.: L-802

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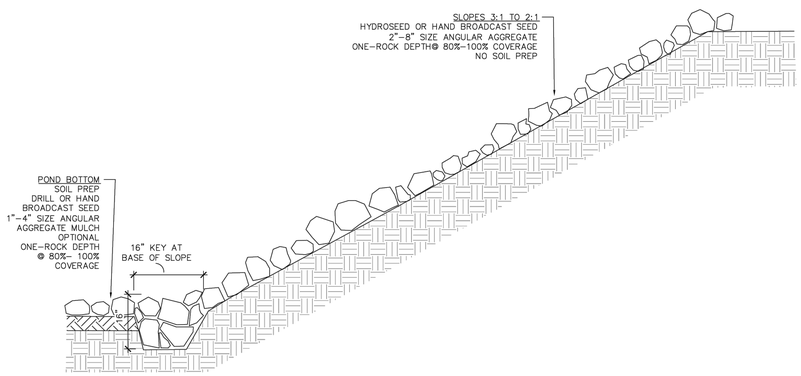

A4 SLOPES 3:1 TO 2:1, PRIVATE PONDS
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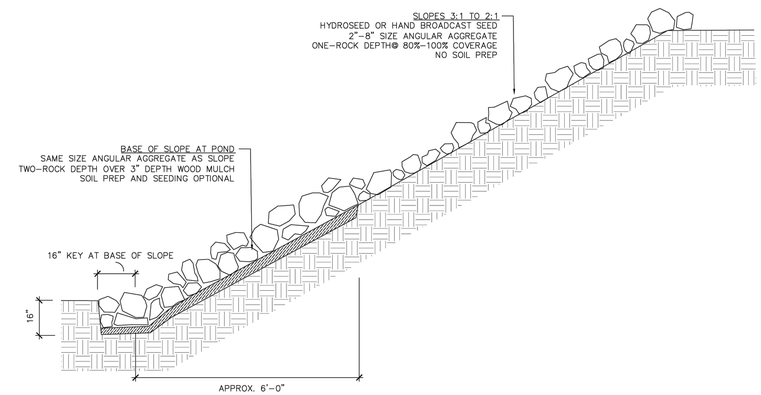

A2 1013–SKL–2: SLOPES 3:1 TO 2:1
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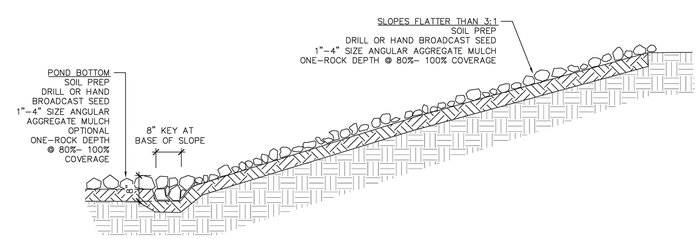
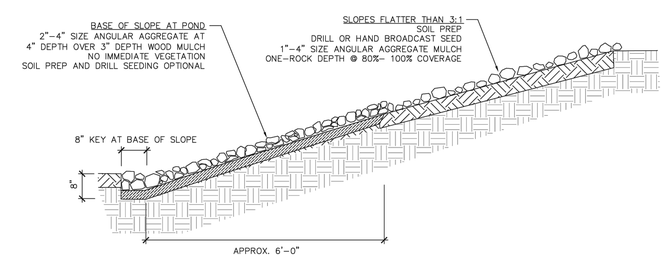


A3 SLOPES FLATTER THAN 3:1, PRIVATE PONDS
SCALE: N.T.S.



A1 1013–SKL–1: SLOPES FLATTER THAN 3:1
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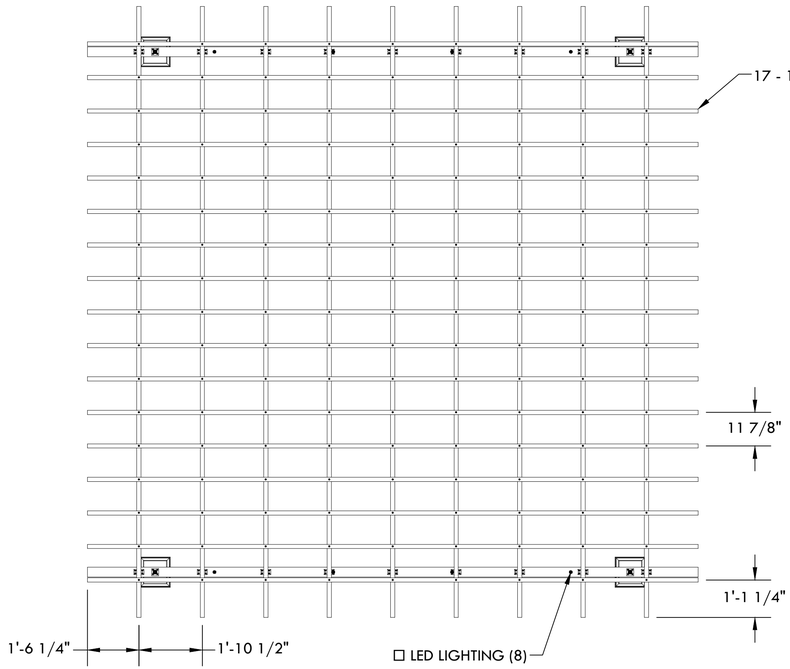
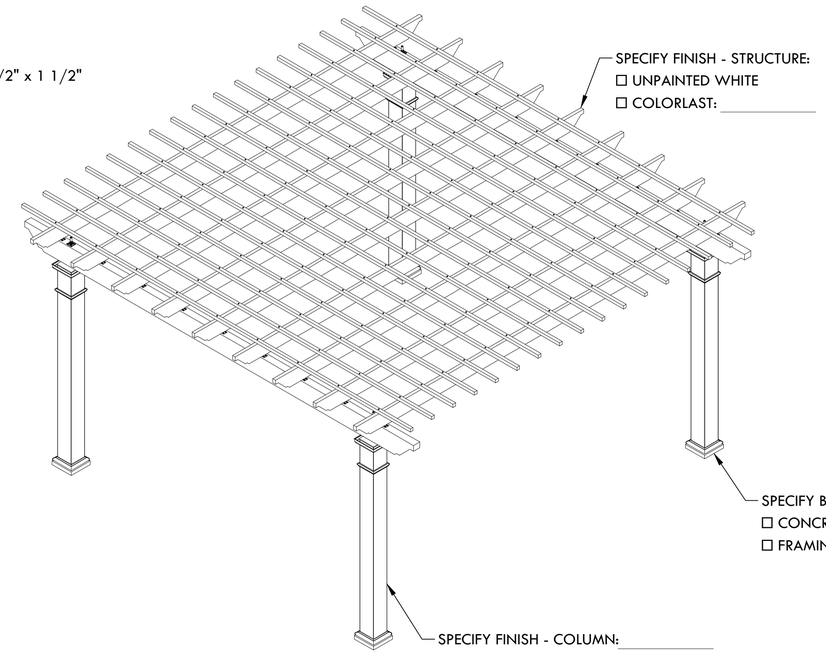
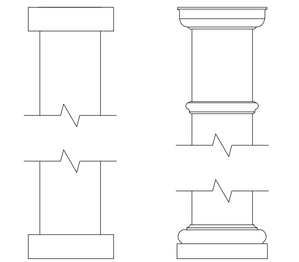
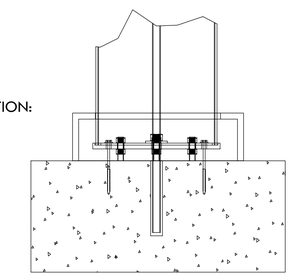
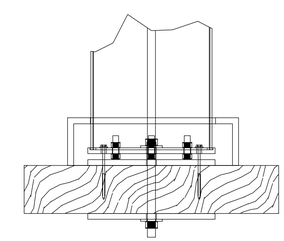








CONCRETE MOUNT



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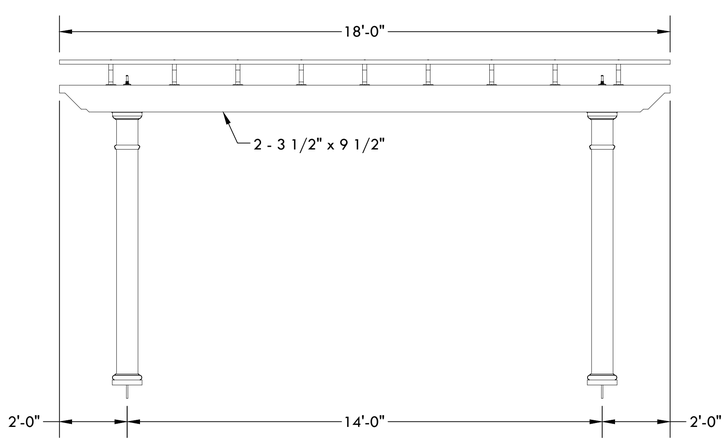

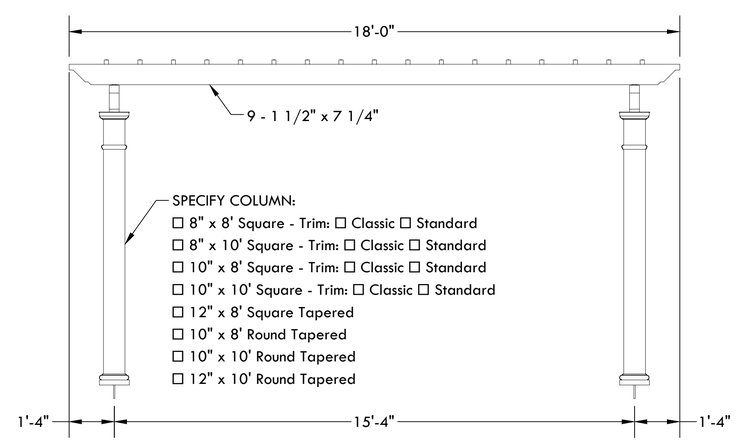

DESCRIPTION

18' WIDE X 18' PROJECTION FREESTANDING TREX PERGOLA

REV	BY	DESCRITPION	DATE
1	NB	INITIAL RELEASE	02/17/2023

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1 / L-804 **DETAIL: 18' X 18' PERGOLA**
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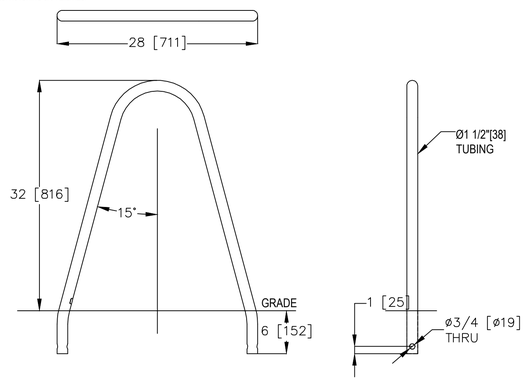
OVERALL WIDTH DIMENSION MAY VARY
DUE TO MANUFACTURING CAPABILITIES.



landscapeforms
Drawing: BO661-01
Dimensions are in inches [mm]

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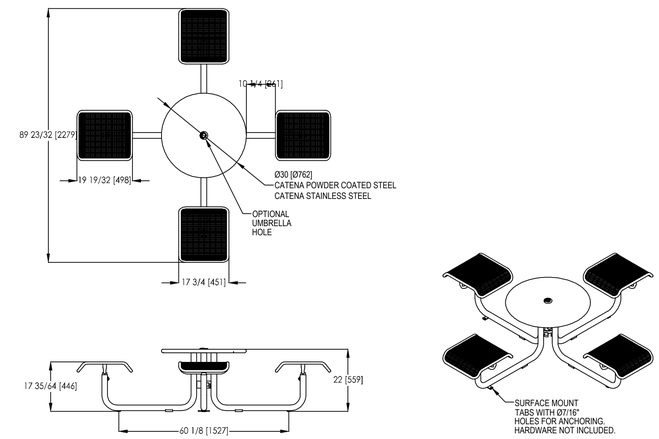
4 / L-805 DETAIL: BIKE RACK
NOT TO SCALE

Carousel™ Table, 4 seat casual height, backless grid seats, Catena 30in dia tabletop
Product Drawing
Date: 9/12/2018
www.landscapeforms.com Ph: 800.521.2546

UNIT MUST BE SURFACE MOUNTED



landscapeforms
Drawing: CR0050
Dimensions are in inches [mm]

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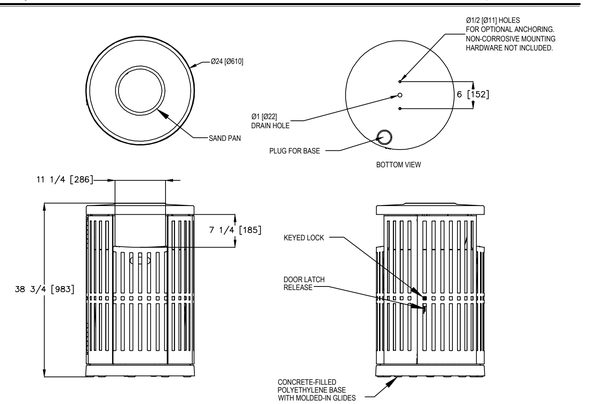
2 / L-805 DETAIL: 4 SEATS TABLE WITH BACKLESS GRID SEATS
NOT TO SCALE

Chase Park® Side Opening Litter Receptacle, With Sand Pan, With Lock
Product Drawing
Date: 8/22/2019
www.landscapeforms.com Ph: 800.521.2546



landscapeforms
Drawing: CP362-04
Dimensions are in inches [mm]

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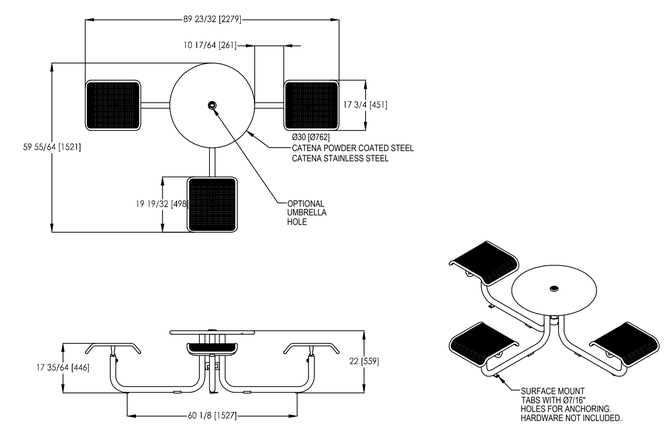
3 / L-805 DETAIL: SIDE OPENING LITER RECEPTACLE
NOT TO SCALE

Carousel™ Table, 3 seat casual height, backless grid seats, Catena 30in dia tabletop
Product Drawing
Date: 9/12/2018
www.landscapeforms.com Ph: 800.521.2546

UNIT MUST BE SURFACE MOUNTED



landscapeforms
Drawing: CR0001
Dimensions are in inches [mm]

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1 / L-805 DETAIL: 3 SEATS TABLE WITH BACKLESS GRID SEATS
NOT TO SCALE

Stantec
733 MARQUETTE AVE
SUITE 1000
MINNEAPOLIS, MN 55402
WWW.STANTEC.COM

CLIENT:
OPPIDAN

PROJECT TITLE:
ALBUQUERQUE 10 MW
DATA CENTER
DAYTONA RD NW
ALBUQUERQUE, NEW MEXICO 87121

ISSUE NO.:	DATE:	DESCRIPTION:
0	01/08/2024	PRE APPLICATION SUBMITTAL
1	03/08/2024	CRB SUBMITTAL
2	03/20/2024	BID SET
3	05/10/2024	DFT RESUBMITTAL
4	06/03/2024	PERMIT SET
5	08/01/2024	SIDEWALK UPDATE PER ABCWUA
6	09/13/2024	ASI-004

CERTIFICATION:
STATE OF NEW MEXICO
JAMES C. YOREK
LA-2024-0009
REGISTERED
LANDSCAPE ARCHITECT
06/03/2024

PROJECT NO.: 193806697

DWN BY:	CHK'D BY:	APP'D BY:
SY	TH	CY

ISSUE DATE: 09/13/2024
ISSUE NO.: 6
SHEET TITLE: LANDSCAPE DETAILS
SHEET NO.: L-805

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