

LEGEND LANDSCAPED AREA

- EXISTING ESTABLISHED LANDSCAPE AREAS TO REMAIN. 171,058 SQ. FT
- EXISTING RE-SEEDED AREAS TO REMAIN. 64,106 SQ. FT
- EXISTING NATIVE AREAS TO REMAIN. 154,185 SQ. FT
- NEW RE-SEEDED AREAS. 200,589 SQ. FT PROVIDED
- NEW IRRIGATED LANDSCAPE AREAS SURROUNDING THE BUILDING AND ENTRANCES. 35,936 SQ. FT PROVIDED.

COMPLIANCE WITH STANDARDS

LANDSCAPE PLAN MEETS 25' MIN SPACING REQUIREMENTS FOR STREET TREES (WITHIN 20' FROM BACK OF CURB) ALONG STREET FRONTAGES. ROAD RUNNING NORTH TO SOUTH ON THE EAST SIDE OF THE SITE IS A PRIVATE ACCESS ROAD, THEREFORE STREET TREES ARE NOT REQUIRED. LANDSCAPE PLAN WILL MEET THE REQUIREMENTS OF THE CITY OF ALBUQUERQUE WATER CONSERVATION LANDSCAPING AND WATER WASTE ORDINANCE, SECTION 6-1-1.

LANDSCAPE PLAN HAS BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE CITY OF ALBUQUERQUE GENERAL LANDSCAPE REQUIREMENTS AND STREET TREE ORDINANCE, SECTION 14-16-3-10.

IDO 5-6 LANDSCAPING, BUFFERING AND SCREENING: MINIMUM LANDSCAPE AREA 5-6(C)(2): AT MATURITY, PLANTS WILL PROVIDE MINIMUM COVERAGE OF 75% OF THE LANDSCAPE AREA. LANDSCAPING AND SIGNAGE SHALL NOT INTERFERE WITH CLEAR SIGHT REQUIREMENTS. PLAN MEETS REQUIREMENTS OF IDO 5-6-G SCREENING OF MECHANICAL EQUIPMENT AND SUPPORT AREAS.

PER IDO 5-6(F) PARKING LOT REQUIREMENTS. 10% OF PARKING LOT INTERIOR IS LANDSCAPED. ONE (1) TREE PER 10 PARKING SPACES REQUIREMENT IS MET. NO MORE THAN 10 PARKING SPACES BETWEEN TREES REQUIREMENT IS MET (ONE EXCEPTION APPROVED BY REVIEWERS IS DESCRIBED IN NOTE ON SHEET LP-102). NO PARKING SPACE IS MORE THAN 100 FEET IN ANY DIRECTION FROM A TREE TRUNK. PER MDS 2.2.2(G)(V) WATER HARVESTING TRENCHES FOR SURFACE RUNOFF ARE PROVIDED TO CAPTURE WATER FROM THE PARKING LOT.

ALL PLANTING BEDS SHALL BE MULCHED WITH A 4" LAYER OF 3/4" ANGULAR GRAVEL OR ORGANIC MULCH. COLOR, TAN, AVAILABLE FROM BUILDLOGY (PH# 505-344-6626), OR APPROVED EQUAL. ORGANIC MULCH SHALL COVER MORE THAN 25% OF MULCHED AREAS. ALL MULCH SHALL BE UNDERLINED WITH DEWITT PRO-5 28 MIL. FILTER FABRIC OR APPROVED EQUAL. PER COA SECTION 1013 DRAINAGE PONDS SLOPE STABILIZATION AND SEEDING REQUIREMENTS HAVE BEEN MET IF APPLICABLE.

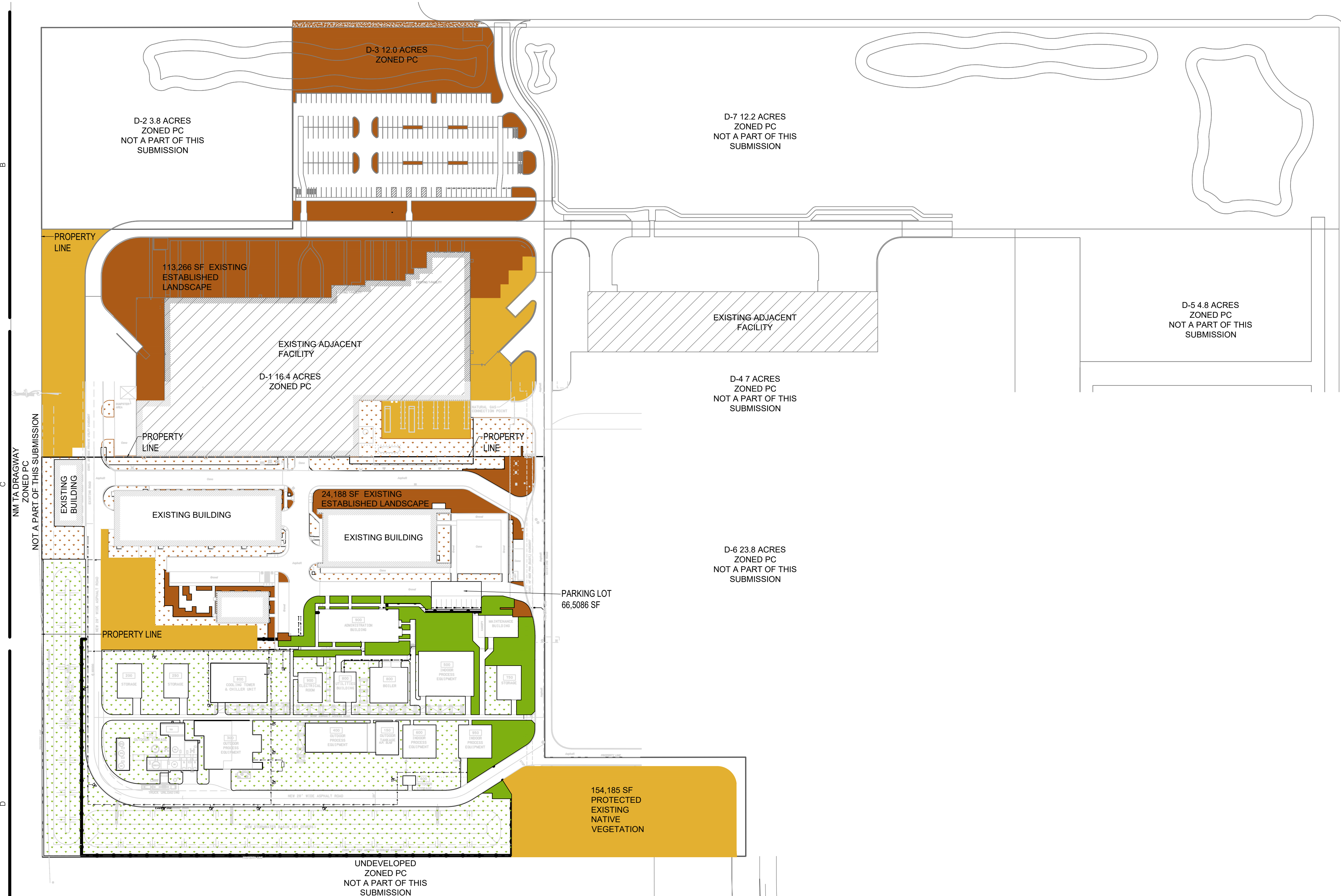
LANDSCAPE AREAS ADJACENT TO THE PUBLIC SIDEWALK SHALL BE DEPRESSED BIOSWALES AT 12"-16" BELOW ADJACENT GRADE FOR STORMWATER CATCHMENT.

ALL TREES IN THE PLAN ARE LISTED ON THE CITY OF ALBUQUERQUE OFFICIAL TREES LIST. RE-VEGETATION SEEDING PER SECTION 1030 SEED MIXES.

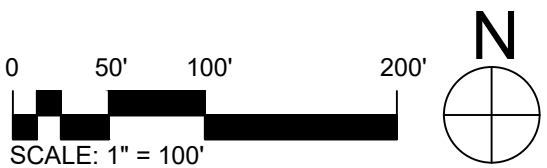
PLAN MEETS IDO 5-11(E)(3) REQUIREMENT TO PROVIDE AT LEAST ONE OUTDOOR SEATING AREA THAT IS A MINIMUM OF 500 S.F.

RESPONSIBILITY FOR LANDSCAPE MAINTENANCE ON THE SITE SHALL LIE WITH THE OWNER.

AN UNDERGROUND AUTOMATIC IRRIGATION SYSTEM WILL BE CONSTRUCTED FOR ALL EXISTING AND INSTALLED PLANT MATERIALS. TREES, SHRUBS, & GROUND COVERS WILL BE IRRIGATED WITH A LOW FLOW BUBBLER SYSTEM. SEE LANDSCAPE IRRIGATION PERFORMANCE SPEC ON SHEET LP-001



A1 LANDSCAPE SITE PLAN CALCULATIONS
1" = 20'-0"



Greenbox Architecture

562 SEVENTH STREET, SUITE 200

OREGON CITY, OREGON 97045

Kairos Power

1700-B CENTRAL AVE. S.W.

PHOENIX, AZ 85004

PHONE: 602-827-2800

EMAIL: info@kairos-pw.com

WEB: www.kairos-pw.com

SITES

SOUTHWEST

NOT FOR CONSTRUCTION

KAIRO'S POWER SALT FACILITY

PROJECT NO.: 8000-22

DRAWN BY:

DATE: SEPTEMBER 1, 2024

LANDSCAPE CALCULATIONS

LP-100

LAND USE REVIEW

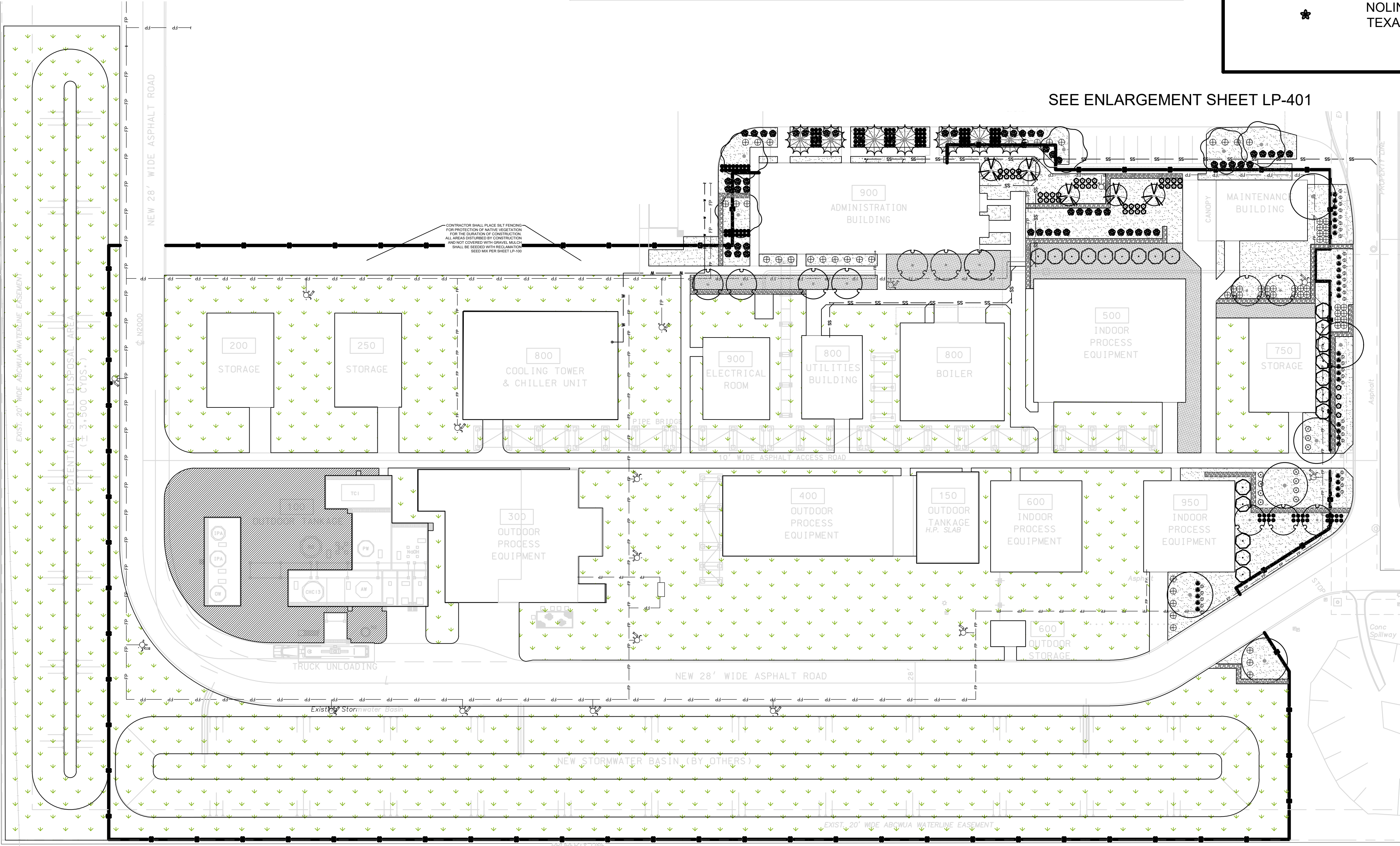
5201 HAWKING DRIVE SE, ALBUQUERQUE, NM 87105

TR D-1-A MESA DEL SOL INNOVATIONPARK II (A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATIONPARK II)

LEGEND		
	1" ANGULAR GRAVEL MULCH. 4" DEPTH. COLOR: AMARETTO BROWN, WITH DEWITT PRO-5 FILTER FABRIC.	QTY 25,598 SF
	SHREDDED BARK MULCH. 4" DEPTH. 'NATIVE' BARK MULCH AVAILABLE FROM SOILUTIONS, WITH DEWITT PRO-5 FILTER FABRIC.	7,514 SF
	COBBLE WATER HARVESTING TRENCH. SEE DETAIL E/LP-501	2,495 SF
	PERIPLOCA GRAECA (x2 PER PLANTER) SILK VINE (1 GAL, 20x20 (HT/SPRD)) SEE DETAIL F/LP-501	42

PLANT SCHEDULE				
SYMBOL	BOTANICAL / COMMON NAME	HT. & SPD.	CAL.	QTY
TREES				
	CELTIS LAEVIGATA RETICULATA NETLEAF HACKBERRY	25' X 25'	2" CAL.	6
	CHIOPSIS LINEARIS DESERT WILLOW	20' X 20'	2" CAL.	12
	JUNIPERUS SCOPULORUM ROCKY MOUNTAIN JUNIPER	30' X 20'	6' - 8' HT. B&B	7
	SAPINDUS DRUMMONDII WESTERN SOAPBERRY	25' X 30'	2" CAL.	5
	VITEX AGNUS-CASTUS CHASTE TREE	15' X 15'	2" CAL.	5

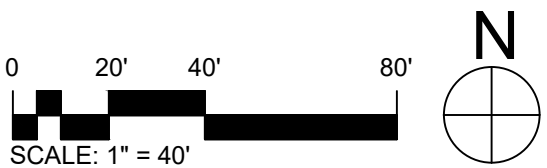
SYMBOL	BOTANICAL / COMMON NAME	HT. & SPR.	SIZE	QTY
SHRUBS				
	ARTEMISIA FILIFOLIA	3' X 4'	5 GAL.	57
	SAND SAGEBRUSH	12' X 10'	5 GAL.	22
	CERCOCARPUS LEDIFOLIUS	5' X 5'	5 GAL.	1
	CURL-LEAF MOUNTAIN MAHOGANY	5 LBS		2
	CHAMAEBATIARIA MILLEFOLIUM	1' X 2'	1 GAL.	25
	FERNBUSH	3' X 3'	1 GAL.	44
	FALLOPIA AUBERTII	2' X 3'	1 GAL.	33
	SILVER LACE VINE	1' X 2'	1 GAL.	35
	PENSTEMON PINIFOLIUS	3' X 2'	1 GAL.	121
	PINELEAF PENSTEMON	4' X 4'	1 GAL.	65
	POTENTILLA FRUTICOSA	6' X 4'	1 GAL.	12
	'GOLDFINGER'	2' X 2'	1 GAL.	1
	GOLDFINGER BUSH CINQUEFOIL			
	SALVIA DORRII			
	DESERT SAGE			
	TEUCRUM CHAMAEDRYIS			
	GERMANDER			
GRASSES				
	BOUTELOUA CURTIPENDULA			
	SIDE OATS GRAMA			
	MUHLENBERGIA RIGENS			
	DEER GRASS			
	NOLINA MICROCARPA			
	SACAHUISTA			
	NOLINA TEXANA			
	TEXAS SACAHUISTA			



SEE ENLARGEMENT SHEET LP-401

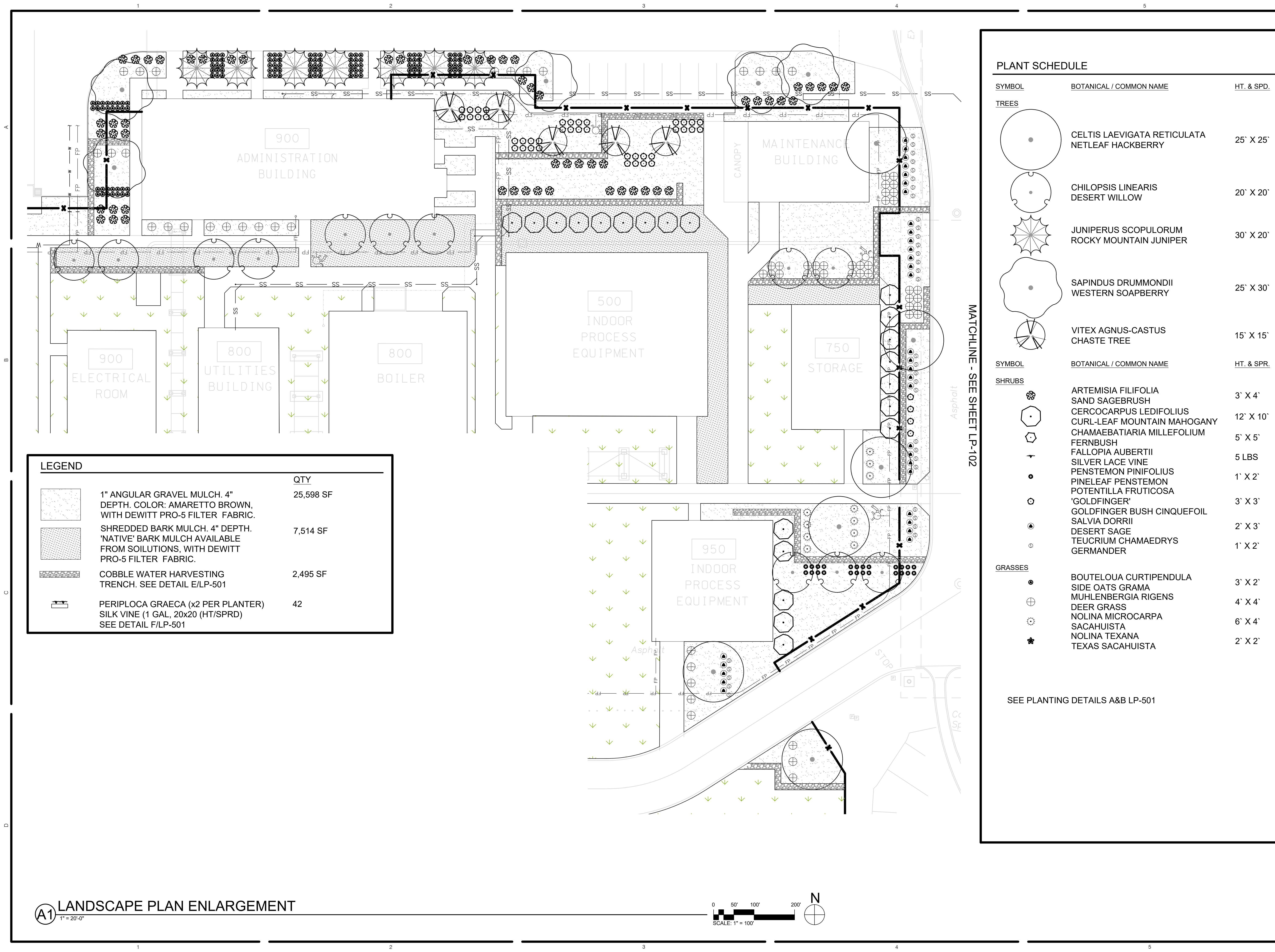
SEEDING SCHEDULE		
RECLAMATION SEED MIX (per Section 1013 City of Abq. Seed Mix - a. Gravelly Uplands & Slopes)		
Botanical	Common Name	#PLS/ AC
Bouteloua gracilis 'Hachita'	Blue Grama Bouteloua	7.0
Bouteloua curtipendula 'Niner'	Side oats Grama	5.0
Stipa neomexicana	Needle & Thread Grass	2.0
Oryzopsis 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	0.25
Ratibida columnifera pulcherrima	Mexican Hat	0.25
Gaillardia aristata	Blanket Flower	0.25
Sphaeralcea parvifolia	Nelson Globemallow	0.25
Oenothera pallida	White Evening Primrose	0.25
Baileya multiradiata	Desert Marigold	0.25
Berlandiera lyrata	Chocolate Flower	0.25
Abronia fragrans or villosa	Sand Verbena	0.25

A1 LANDSCAPE PLANTING PLAN
1" = 40'-0"



NOT FOR
CONSTRUCTION

KAIROIS POWER SALT FACILITY

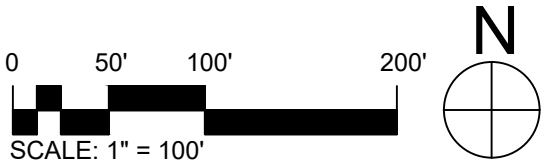


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SEE PLANTING DETAILS A&B LP-501

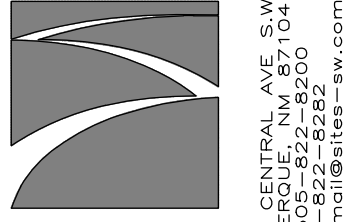
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	POTENTILLA FRUTICOSA 'GOLDFINGER'	3' X 3'
	GOLDFINGER BUSH CINQUEFOIL	
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	TEUCRIMUM CHAMAEDRYS GERMANDER	1' X 2'
GRASSES		
	BOUTELOUA CURTIPENDULA SIDE OATS GRAMA	3' X 2'
	MUHLENBERGIA RIGENS DEER GRASS	4' X 4'
	NOLINA MICROCARPA SACAHUISTA	6' X 4'
	NOLINA TEXANA TEXAS SACAHUISTA	2' X 2'

A1 LANDSCAPE PLAN ENLARGEMENT
1" = 20'-0"



Greenbox Architecture
562 SEVENTH STREET, SUITE 200
OREGON CITY, OREGON 97045

Kairos Power



SITES
SOUTHWEST

NOT FOR
CONSTRUCTION

KAIROIS POWER SALT FACILITY

PROJECT NO.: 8000-22

DRAWN BY:

DATE: SEPTEMBER 1, 2024

LANDSCAPE
PLAN
ENLARGEMENT
LP-401

LAND USE REVIEW

5201 HAWKING DRIVE SE, ALBUQUERQUE, NM 87105
TR D-1-A MESA DEL SOL INNOVATIONPARK II (A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATIONPARK II)

12345

D

C

B

A

12345

1. G001 COVER SHEET

2. LD101 DEMOLITION PLAN

3. LS101 SITE PLAN

4. LS501 SITE DETAILS

5. LK101 DIMENSION PLAN

6. LP101 PLANTING PLAN

7. LP501 PLANTING DETAILS

8. LI101 IRRIGATION PLAN

9. LI501 IRRIGATION DETAILS

DESIGN TEAM:

LANDSCAPE ARCHITECT

PLAND COLLABORATIVE

600 1ST ST NW, STE 100

ALBUQUERQUE, NM 87102

505-268-2266 PH

505-265-9637 FX

ATTN: LANA IDRIS, PLA, ASLA

LIDRISS@PLANDCOLLAB.COM

OWNER:

KAIROS POWER

5201 HAWKING DR SE,

ALBUQUERQUE, NM 87106

505-431-1255 PH

ATTN: RHONDA REYNOLDS

REYNOLDS@KAIROSPOWER.COM

KAIROS POWER EMPLOYEE PATIO

5201 Hawking Dr SE

ALBUQUERQUE, NM 87106

JULY 12, 2024

100% CONSTRUCTION DOCUMENTS

VICINITY MAP

PROJECT AREA

UNIVERSITY BLVD SE

CRICK AV SE

Hawking Dr SE

US Department of Homeland Security...


NORTH

plandCOLLABORATIVE

plandcollab.com505 268 2266

CONSULTANTS

SEAL



PROJECT NAME AND ADDRESS

KAIROS POWER
EMPLOYEE PATIO
5201 HAWKING DR
ALBUQUERQUE NM 87106

DATE JULY 12, 2024

SUBMITTAL 100%
CONSTRUCTION DOCUMENTS

REVISIONS

NO.	DATE	DESCRIPTION

MRWM PROJECT NO 24025

DESIGNED BY LI CHECKED BY AZ

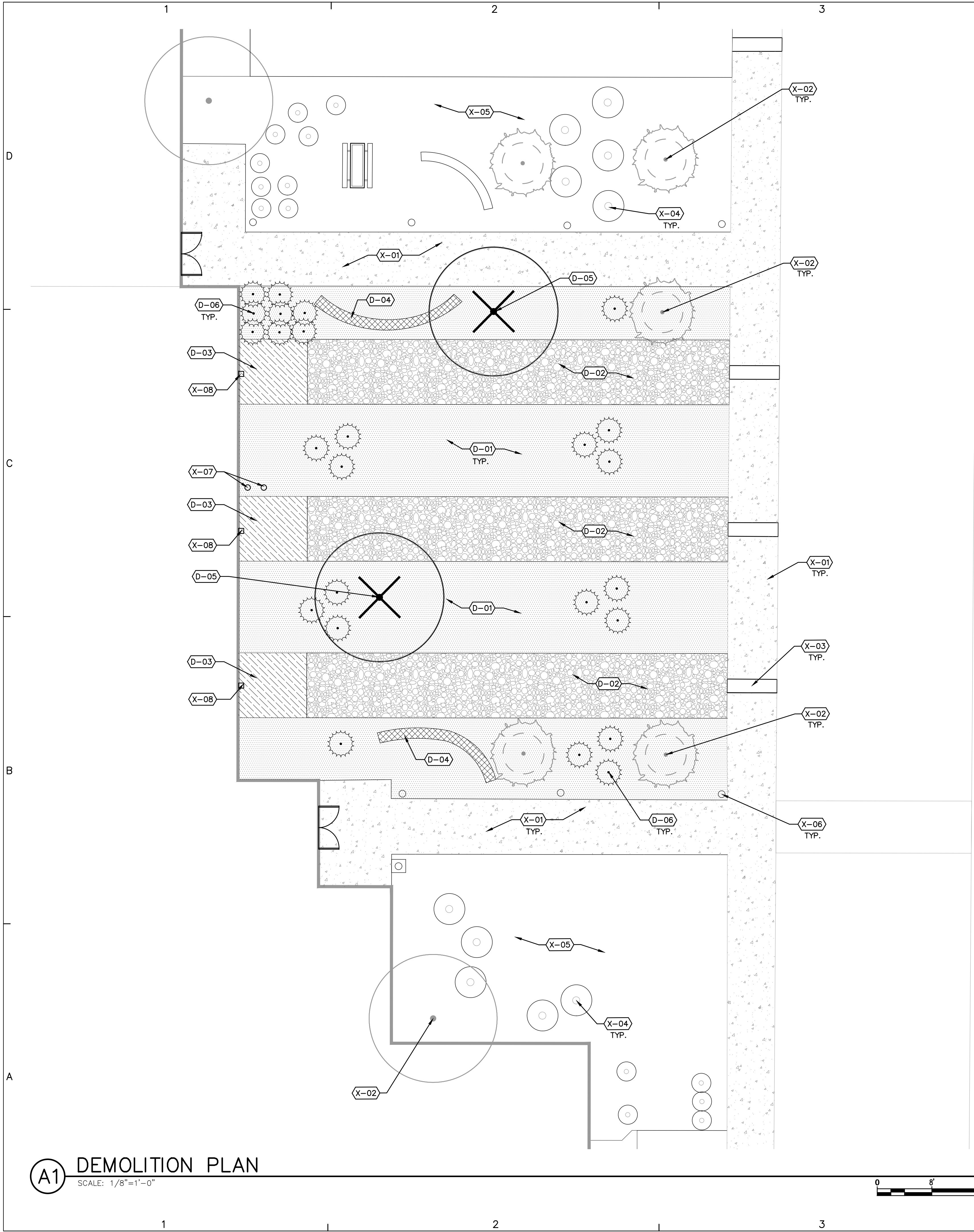
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SHEET TITLE

COVER SHEET

SHEET NUMBER

G001



GENERAL DEMOLITION NOTES

CODE	DESCRIPTION
GD-01	CONTRACTOR SHALL PROTECT EXISTING UTILITIES FROM DAMAGE. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
GD-02	TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT NEW MEXICO ONE CALL SYSTEM (1-800-321-2537) FOR LOCATION OF EXISTING UTILITIES.
GD-03	CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE NO DAMAGE OCCURS TO EXISTING STRUCTURES, PAVEMENT TO REMAIN, OR ITEMS TO BE SALVAGED. ANY DAMAGE TO ITEMS TO REMAIN OR TO BE SALVAGED RESULTING FROM CONSTRUCTION OPERATIONS SHALL BE REPAIRED AND/OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
GD-04	CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS PRIOR TO THE BID AND NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES. NO ADJUSTMENTS TO THE CONTRACT SUM OR TIME SHALL BE MADE FOR CONDITIONS THAT ARE CLEARLY VISIBLE, YET NOT VERIFIED. FAILURE TO COMPLETE ADEQUATE FIELD VERIFICATION PRIOR TO BID IS DONE SO AT THE CONTRACTOR'S OWN RISK.
GD-05	PRIOR TO DEMOLITION OPERATIONS, THE CONTRACTOR SHALL BE REQUIRED TO DOCUMENT ALL EXISTING CONDITIONS DIRECTLY ADJACENT TO THE PROJECT AREA AND THE CONDITION OF ANY EXISTING ITEMS TO REMAIN WITHIN THE PROJECT AREA. CONTRACTOR SHALL PROVIDE DOCUMENTATION TO THE OWNER BEFORE PROCEEDING WITH ANY WORK.
GD-06	ALL AREAS ADJACENT TO THE SITE SHALL BE MAINTAINED IN A CLEAN CONDITION, MUD AND DUST FREE AT ALL TIMES.

TREE PROTECTION NOTES

CODE	DESCRIPTION
TP-01	CONTRACTOR SHALL ESTABLISH A ROOT PROTECTION ZONE AROUND EACH EXISTING TREE TO REMAIN. THE ROOT PROTECTION ZONE SHALL BE AN AREA DEFINED BY A RADIUS EXTENDING OUTWARD FROM THE TRUNK OF THE TREE A DISTANCE OF ONE LINEAR FEET FOR EACH INCH DIAMETER OF THE TREE. THE TREE DIAMETER SHALL BE MEASURED AT BREAST HEIGHT (4.5' ABOVE FINISH GRADE). EXAMPLE: A 10 INCH DIAMETER TREE WILL HAVE A 10 FOOT RADIUS ROOT PROTECTION ZONE.
TP-02	CONTRACTOR SHALL INSTALL FENCING AT THE PERIMETER OF ROOT PROTECTION ZONES. NO WORK SHALL BEGIN WHERE TREE PROTECTION FENCING HAS NOT BEEN COMPLETED AND APPROVED. TREE PROTECTION FENCING SHALL BE INSTALLED, MAINTAINED AND REPAIRED BY THE CONTRACTOR DURING CONSTRUCTION. THE FENCING SHALL BE A MINIMUM OF 4' HEIGHT.
TP-03	CONTRACTOR SHALL NOT STORE OR DRIVE EQUIPMENT, VEHICLES, OR MATERIALS WITHIN THE ROOT PROTECTION ZONE.
TP-04	CONTRACTOR SHALL PROTECT EXISTING ROOTS FROM DAMAGE WHEN WORKING WITHIN THE ROOT PROTECTION ZONE. THE CONTRACTOR SHALL LIMIT DEMOLITION OR OTHER CONSTRUCTION ACTIVITIES WITHIN THE ROOT PROTECTION ZONE TO THE MINIMUM DISTURBANCE REQUIRED TO COMPLETE CONSTRUCTION.
TP-05	CONTRACTOR SHALL NOT ALLOW CONCRETE TRUCKS TO CLEAN CHUTES OR DUMP EXCESS CONCRETE OR ANY OTHER CEMENTITIOUS PRODUCTS IN ANY PORTION OF THE SITE. CONTRACTOR SHALL CLEAN THE WASTE OF OTHER CEMENTITIOUS MATERIALS FROM THE SURFACE AND THEY SHALL NOT BE TURNED UNDER DURING FINAL GRADING.
TP-06	CONTRACTOR SHALL NOT TRENCH WITHIN THE DRIPLINE OF EXISTING TREES. AT LOCATIONS WHERE IS IT NECESSARY TO INSTALL LINES OR WIRE WITHIN THE DRIPLINE OF EXISTING TREES, THE UTILITY SHALL BE INSTALLED BY HAND OR BY BORING UNDER TREE ROOTS.
TP-07	CONTRACTOR SHALL PROVIDE TEMPORARY WATERING AS REQUIRED TO MAINTAIN THE HEALTH OF THE TREE THROUGHOUT THE DURATION OF CONSTRUCTION OPERATIONS.
TP-08	CONTRACTOR SHALL REVIEW PROPOSED SCOPE OF TREE PROTECTION AND TEMPORARY WATERING WITH LANDSCAPE ARCHITECT PRIOR TO EXECUTION.

DEMOLITION SCHEDULE

CODE	DESCRIPTION
D-01	REMOVE AND PROPERLY DISPOSE OF GRAVEL MULCH AND SOIL TO DEPTH REQUIRED FOR NEW WORK. SEE SITE PLAN.
D-02	REMOVE AND PROPERLY DISPOSE OF COBBLE MULCH AND SOIL TO DEPTH REQUIRED FOR NEW WORK. SEE SITE PLAN.
D-03	REMOVE AND PROPERLY DISPOSE OF CONCRETE SPLASH PAD.
D-04	REMOVE AND PROPERLY DISPOSE OF SLUMP BLOCK SEAT WALL AND ASSOCIATED CONCRETE FOOTING.
D-05	REMOVE AND PROPERLY DISPOSE OF TREE. GRIND STUMP TO A DEPTH OF 24" BELOW FINISHED GRADE. REMOVE STUMP GRINDINGS, FILL AND COMPACT VOID WITH CLEAN SOIL BACKFILL
D-06	REMOVE AND PROPERLY DISPOSE OF EXISTING SHRUB.

EXISTING CONDITIONS NOTES

CODE	DESCRIPTION
X-01	EXISTING SIDEWALK TO REAMIN.
X-02	EXISTING TREE TO REMAIN. SEE TREE PROTECTION NOTES.
X-03	EXISTING SIDEWALK CULVERT TO REMAIN.
X-04	EXISTING SHRUB TO REMAIN.
X-05	EXISTING LANDSCAPE MULCH TO REMAIN.
X-06	EXISTING BOLLARD LIGHT TO REMAIN.
X-07	EXISTING SEWER CLEANOUT. ADJUST TO BE FLUSH WITH NEW FINISH GRADE MATERIAL - SEE SITE PLAN.
X-08	EXISTING DOWNSPOUT. SEE SITE PLAN FOR MODIFICATION.



KAIROS POWER EMPLOYEE PATIO

5201 HAWKING DR
ALBUQUERQUE NM 87106

DATE JULY 12, 2024

SUBMITTAL

100%
CONSTRUCTION DOCUMENTS

REVISIONS

NO.	DATE	DESCRIPTION
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NO.	DATE	DESCRIPTION

MRWM PROJECT NO 24025

DESIGNED BY LJ

CHECKED BY AZ

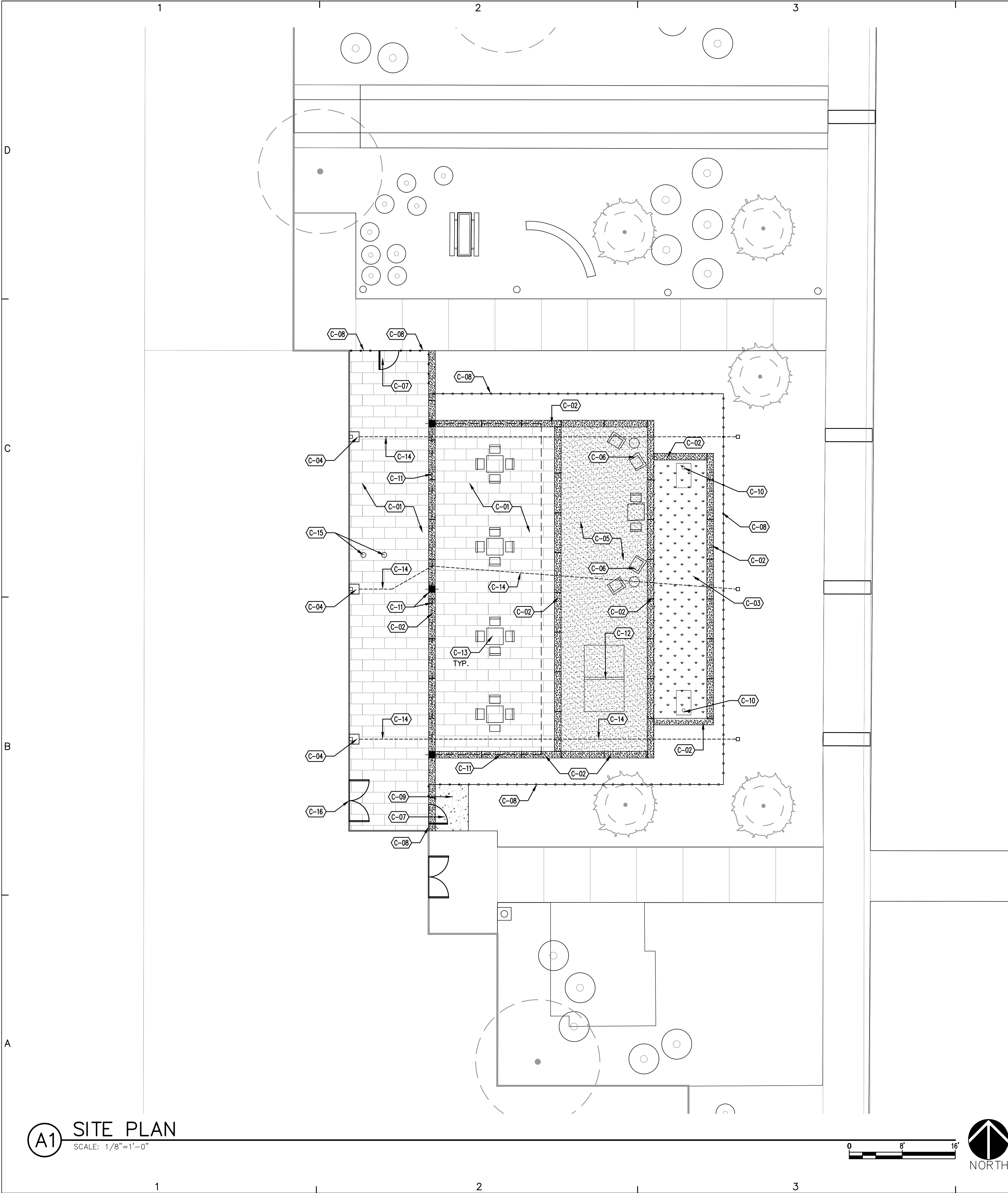
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SHEET TITLE

DEMOLITION PLAN

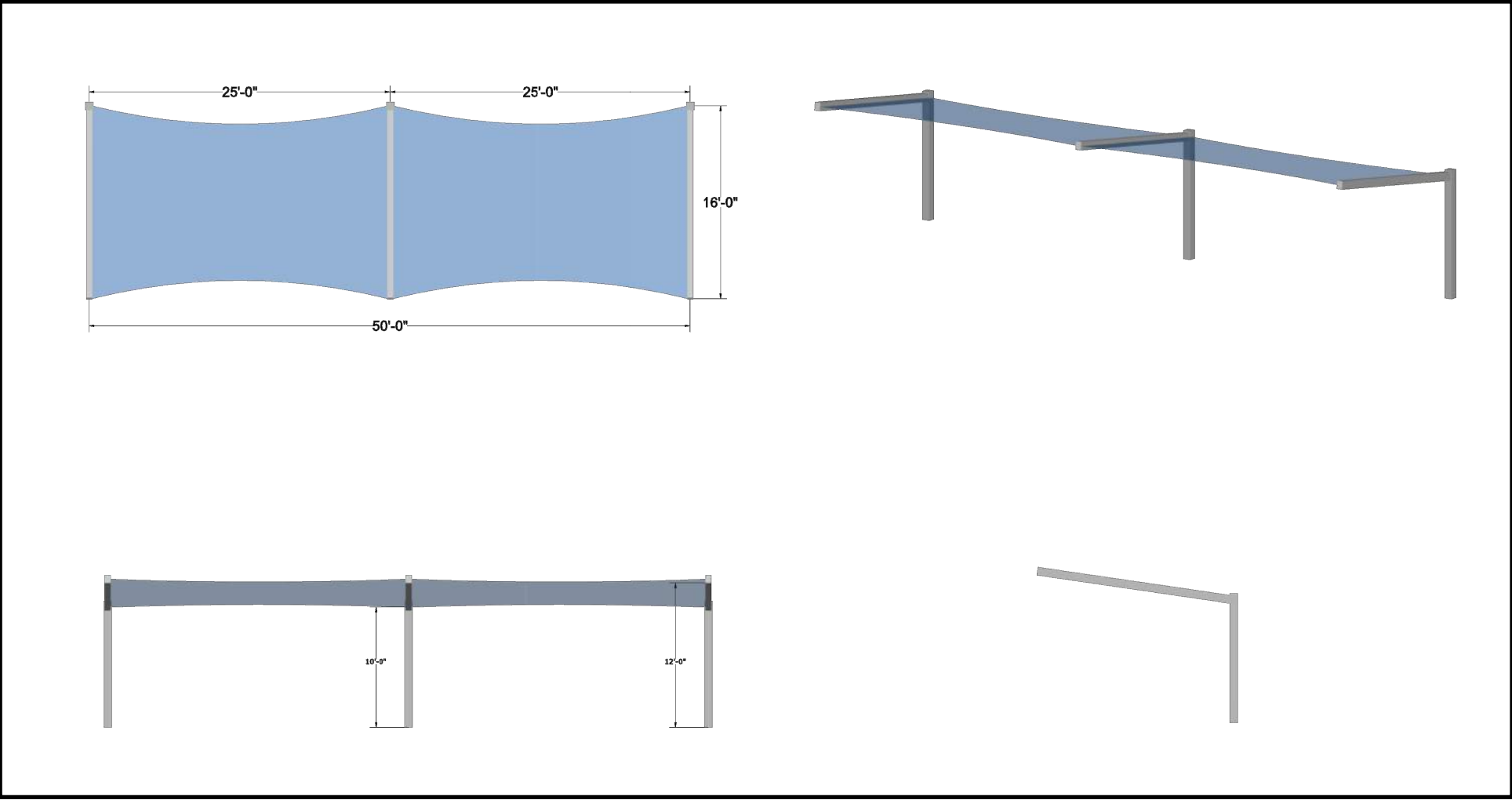
SHEET NUMBER

LD101



KEYED NOTES

CODE	DESCRIPTION	DETAIL
C-01	INSTALL BRICK PAVERS OVER COMPACTED BASE COURSE. PATTERN: BASKETWEAVE. COLOR: SUMMIT DESERT MIRAGE. AS AVAILABLE FROM KINNEY BRICK (505-877-4550).	A5/LS501
C-02	CONSTRUCT 12" WIDE CONCRETE ACCENT BAND WITH BROOM FINISH AND INTEGRAL COLOR. COLOR: DAVIS SIERRA 61078. PROVIDE EXPANSION JOINTS AT MAX. 20'-0" AND CONTROL JOINTS AT MAX. 5'-0".	C3/LS501
C-03	INSTALL ARTIFICIAL TURF OVER PREPARED BASE.	A3/LS501
C-04	INSTALL 18" SQUARE CATCH BASIN AND MODIFY EXISTING DOWNSPOUT.	C5/LS501
C-05	INSTALL STABILIZED CRUSHER FINES PAVING. CRUSHER FINES SHALL BE 'SANTA FE BROWN', AS AVAILABLE FROM BUILDODOLOGY (505-344-6626).	D5/LS501
C-06	OWNER-PROVIDED LOUNGE CHAIRS AND SIDE TABLE- N.I.C.	
C-07	CONSTRUCT 4' HEIGHT BY 3' WIDE WELDED WIRE MESH GATE.	A1/LS501
C-08	CONSTRUCT 4' HEIGHT WELDED WIRE MESH FENCING.	D1/LS501
C-09	CONSTRUCT 4" CONCRETE WITH BROOM FINISH. COLOR: GREY.	B3/LS501
C-10	OWNER-PROVIDED CORNHOLE- N.I.C.	
C-11	FURNISH AND INSTALL 16' X 50' FABRIC SHADE STRUCTURE, SKYWAYS CP039590, AS AVAILABLE FROM EXERPLAY, INC. (505-281-0151). COLOR: SKY BLUE. SEE A4/LS101.	
C-12	OWNER-PROVIDED PING PONG TABLE- N.I.C.	
C-13	OWNER-PROVIDED TABLE AND CHAIRS- N.I.C.	
C-14	INSTALL 8" PVC PIPING.	
C-15	ADJUST EXISTING SANITARY SEWER CLEANOUT TO BE FLUSH WITH FINISH GRADE. INSTALL FLUSH THREADED BRASS CLEANOUT PLUG.	
C-16	NEW EXIT DOOR - BY OTHERS. N.I.C.	



SHADE STRUCTURE 3D RENDERING

pland
COLLABORATIVE

plandcollab.com 505 268 2266

CONSULTANTS

SEAL

STATE OF NEW MEXICO
AARON ZAHW
NO. 448
REGISTERED
LANDSCAPE ARCHITECT
7/12/24

PROJECT NAME AND ADDRESS

**KAIROS POWER
EMPLOYEE PATIO**
5201 HAWKING DR
ALBUQUERQUE NM 87106

DATE JULY 12, 2024
SUBMITTAL

100%
CONSTRUCTION DOCUMENTS

REVISIONS

NO.	DATE	DESCRIPTION

MRWM PROJECT NO 24025
DESIGNED BY LJ CHECKED BY AZ
DRAWN BY FB

SHEET TITLE

SITE PLAN

SHEET NUMBER

LS101



KAIROS POWER
EMPLOYEE PATIO

5201 HAWKING DR
ALBUQUERQUE NM 87106

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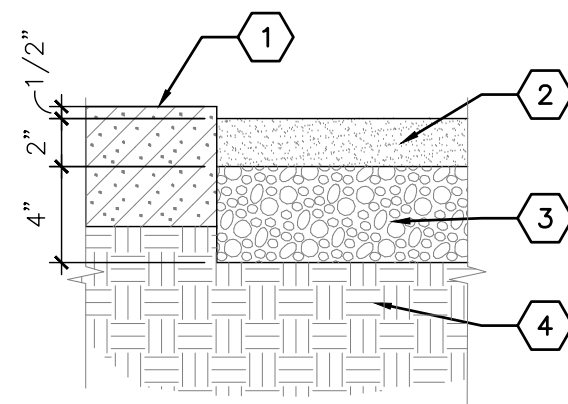
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SHEET TITLE

SITE DETAILS

SHEET NUMBER

LS501



KEYED NOTES

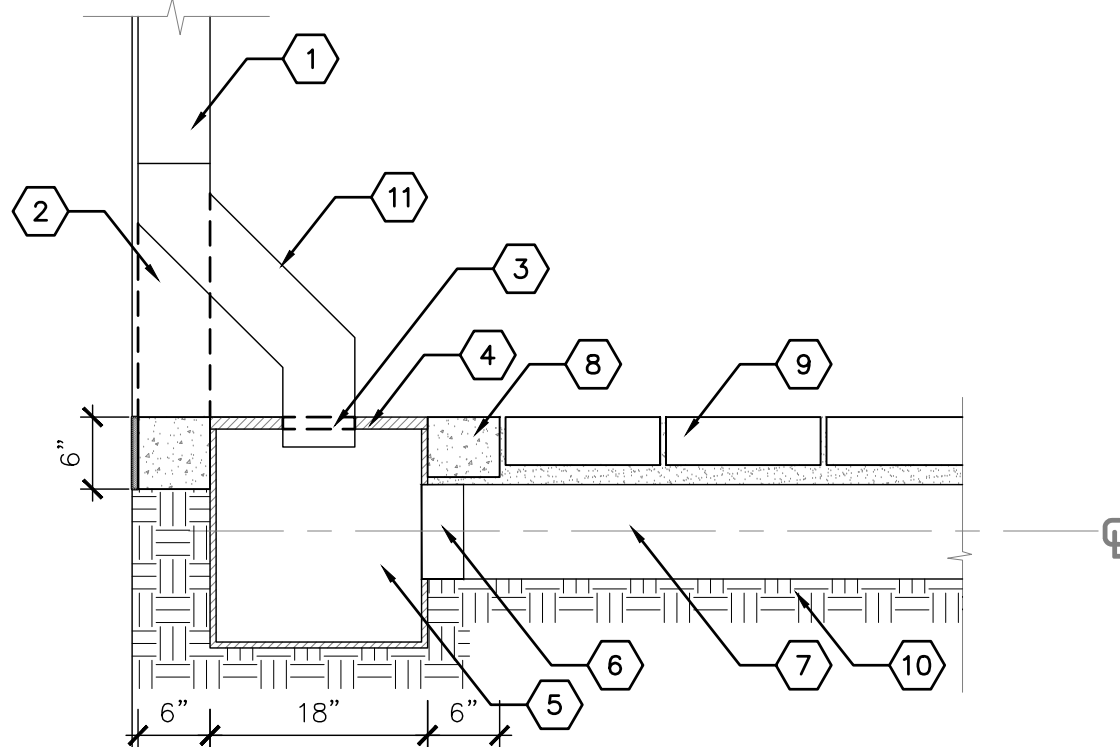
1. HARDENED EDGE ADJACENT CONDITION (CONCRETE CURB, PAVING, ETC.) - SEE PLAN.
2. CRUSHER FINES - SEE PLAN.
3. BASE COURSE COMPACTED TO 95%.
4. SUBGRADE COMPACTED TO 95%.

GENERAL NOTES

- A. CRUSHER FINES SHALL BE STABILIZED WITH 'STABILIZER' NATURAL BINDER, OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
- B. NATURAL BINDER SHALL BE APPLIED AT A RATE OF 15 LBS. PER TON OF CRUSHER FINES.

D5 STABILIZED CRUSHER FINES PAVING

1 1/2" = 1'-0"

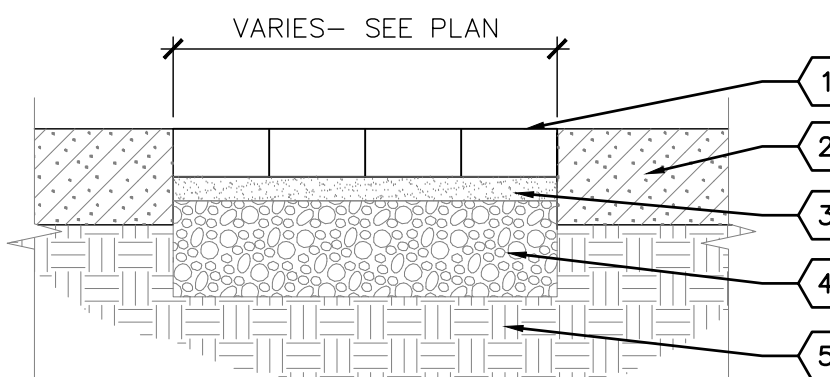
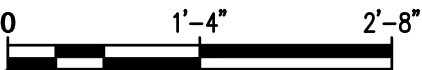


KEYED NOTES

1. EXISTING DOWNSPOUT
2. REMOVE PORTION OF EXISTING DOWNSPOUT
3. CUT GRATE TO ACCOMMODATE DOWNSPOUT
4. 18" SQUARE STRUCTURAL FOAM POLYOLEFIN GRATE WITH UV INHIBITOR, GRAY, NDS, PART NO. 1810
5. 18" X 18" EXPANDABLE CATCH BASIN, NDS, PART NO. 1800
6. 8" UNIVERSAL OUTLET, NDS, PART NO.1888
7. 8" DIAMETER PVC PIPING
8. 6" CONCRETE COLLAR
9. PAVERS, SEE PLAN
10. SUBGRADE COMPACTED TO 95%
11. FABRICATE REMOVABLE PORTION OF DOWNSPOUT, MATCHING COLOR AND PROFILE. FASTEN SECURELY TO EXISTING DOWNSPOUT USING APPROPRIATE HARDWARE.

C5 CATCH BASIN - DOWNSPOUT

3/4" = 1'-0"



KEYED NOTES

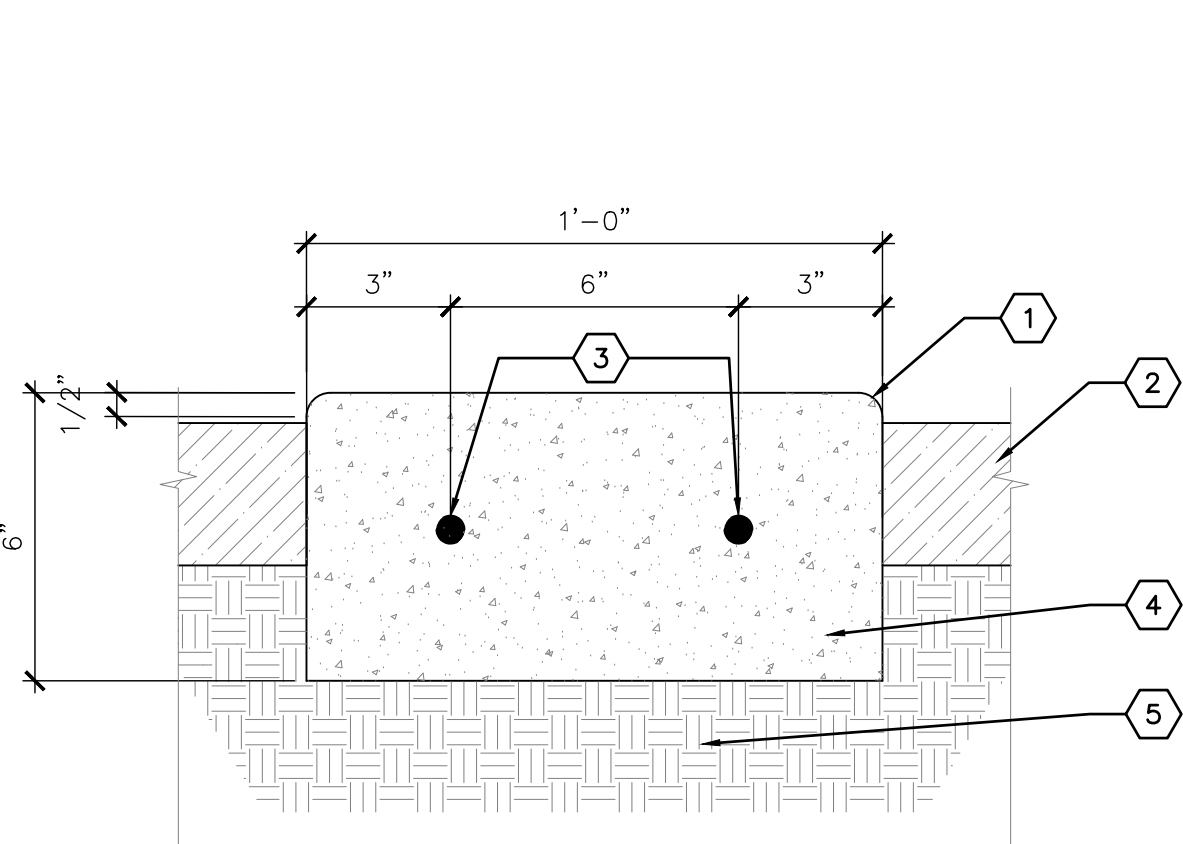
1. PAVERS - SEE PLAN.
2. ADJACENT CONDITION VARIES - SEE PLAN.
3. 1" DEPTH CONCRETE SAND LEVELING COURSE.
4. 4" DEPTH COMPACTED BASE COURSE (U.T.B.C. 1).
5. SUBGRADE COMPACTED TO 95%.

GENERAL NOTES

- A. REFERENCE PLAN FOR PAVES TYPE, COLOR, AND INSTALLATION PATTERN.
- B. WHERE PAVERS ABUT HARD CONSTRUCTION, PAVERS SHALL BE CLEANLY SAWCUT AS REQUIRED TO FIT.
- C. TOP OF PAVERS SHALL BE INSTALLED FLUSH WITH TOP OF ADJACENT PAVEMENT.
- D. AFTER PLACING PAVERS ON SAND LEVELING COURSE CONTRACTOR SHALL SWEEP DRY CONCRETE SAND INTO PAVES JOINTS AND VIBRATE WITH A PLATE COMPACTOR TO VIBRATE SAND INTO JOINTS. THESE STEPS SHALL BE REPEATED UNTIL ALL PAVES JOINTS ARE FILLED WITH CONCRETE SAND. UPON COMPLETION THE CONTRACTOR SHALL SWEEP OFF EXCESS SAND.
- E. ALL JOINT LINES SHALL NOT DEVIATE MORE THAN 1/2" OVER 50' FROM STRING LINES.
- F. PROVIDE JOINTS BETWEEN PAVERS 1/16" AND 3/16" WIDE. NO MORE THAN 5% OF THE JOINTS SHALL EXCEED 1/4" WIDE TO ACHIEVE STRAIGHT BOND LINES.
- G. FINAL SURFACE TOLERANCE FROM GRADE ELEVATIONS SHALL NOT DEVIATE MORE THAN 1/4" UNDER A 10' STRAIGHT EDGE.
- H. ALL PAVERS SHALL HAVE NO GREATER THAN 1/8" DIFFERENCE IN HEIGHT BETWEEN ADJACENT PAVERS.
- I. ALL PAVES JOINT LINES SHALL BE TRUE PARALLEL AND PERPENDICULAR TO EDGE OF ADJACENT HARD CONSTRUCTION.
- J. REFERENCE MANUFACTURER'S GUIDELINES FOR ADDITIONAL INSTALLATION REQUIREMENTS.
- K. TOP OF UTILITY BOXES SHALL BE FLUSH WITH TOP OF PAVERS. IRRIGATION BOXES, LIGHTING PULL BOXES, AND OTHER SURFACE APPURTENANCES SHALL BE SET PARALLEL TO THE RUN OF PRICK PAVERS.

A5 PAVERS ON COMPACTED BASE COURSE

1 1/2" = 1'-0"



KEYED NOTES

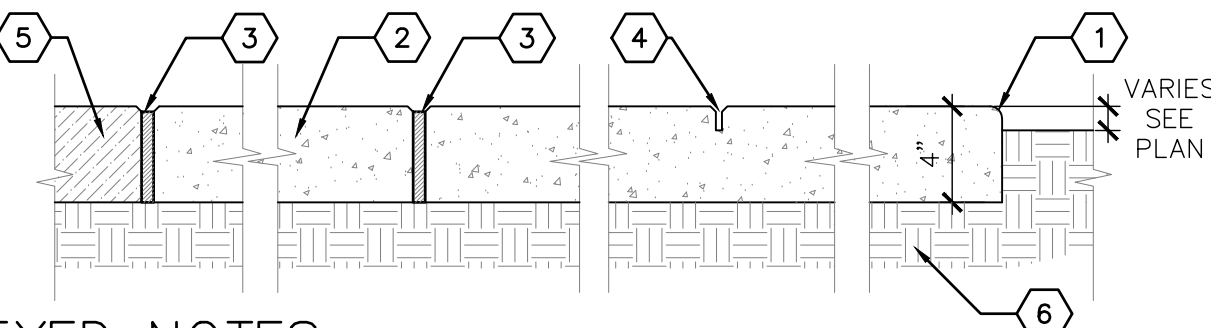
1. 1/2" RADIUS TOOLED EDGE.
2. LANDSCAPE AREA, MATERIAL VARIES.
3. #4 REBAR, HORIZ. AND CONT.
4. 3000 PSI CONCRETE.
5. SUBGRADE COMPACTED TO 95%.

GENERAL NOTES

- A. PLACE EXPANSION JOINTS @ 20'-0" O.C. MAXIMUM WITH CONTROL JOINTS @ 5'-0" O.C. MAXIMUM.
- B. TOP SURFACE OF EDGER SHALL HAVE A MEDIUM BROOM FINISH.

C3 12" CONCRETE ACCENT BAND

3" = 1'-0"



KEYED NOTES

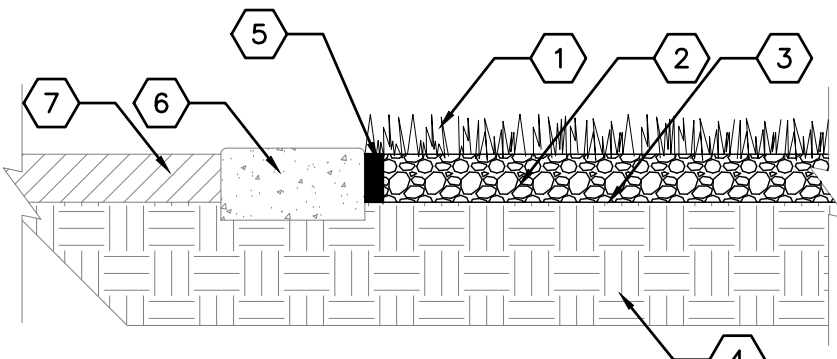
1. TOOLED EDGE, 1/2" RADIUS
2. 3000 PSI CONCRETE
3. 1/2" WIDE EXPANSION JOINT WITH FELT EXPANSION MATERIAL
4. 1/8" X 1" CONTROL JOINT
5. ADJACENT CONCRETE
6. SUBGRADE COMPACTED TO 95%

GENERAL NOTES

- A. CONTROL JOINTS SHALL BE AT MAXIMUM EVERY 10' OR AS SHOWN ON PLAN.
- B. EXPANSION JOINTS SHALL BE AT MAXIMUM EVERY 30' OR AS SHOWN ON PLAN AND WHERE PAVING ABUTS EXISTING BUILDINGS, CURBS, SEATING WALLS, WALKS AND OTHER HARD CONSTRUCTION.
- C. FELT EXPANSION MATERIAL SHALL BE RECESSED 1/2" AND SET WITH PLASTIC EXPANSION JOINT CAP. TOP OF CAP SHALL BE FLUSH WITH TOP OF CONCRETE. OPPOSING CONCRETE EDGES OF JOINT SHALL HAVE 1/4" RADIUS TOOLED EDGE.
- D. CONTROL JOINTS SHALL BE TOOLED OR SAW CUT TO INDICATED DEPTH. SAW CUT JOINTS SHALL BE CUT AFTER FINISHING OF CONCRETE USING AN EARLY ENTRY TYPE DRY CUT SAW. SPALLING OF CONCRETE FINISH AT EDGE OF CUT IS NOT ACCEPTABLE.
- E. PROVIDE MEDIUM BROOM FINISH UNLESS OTHERWISE NOTED ON THE PLANS.

B3 4" THICK CONCRETE PAVING

1 1/2" = 1'-0"



KEYED NOTES

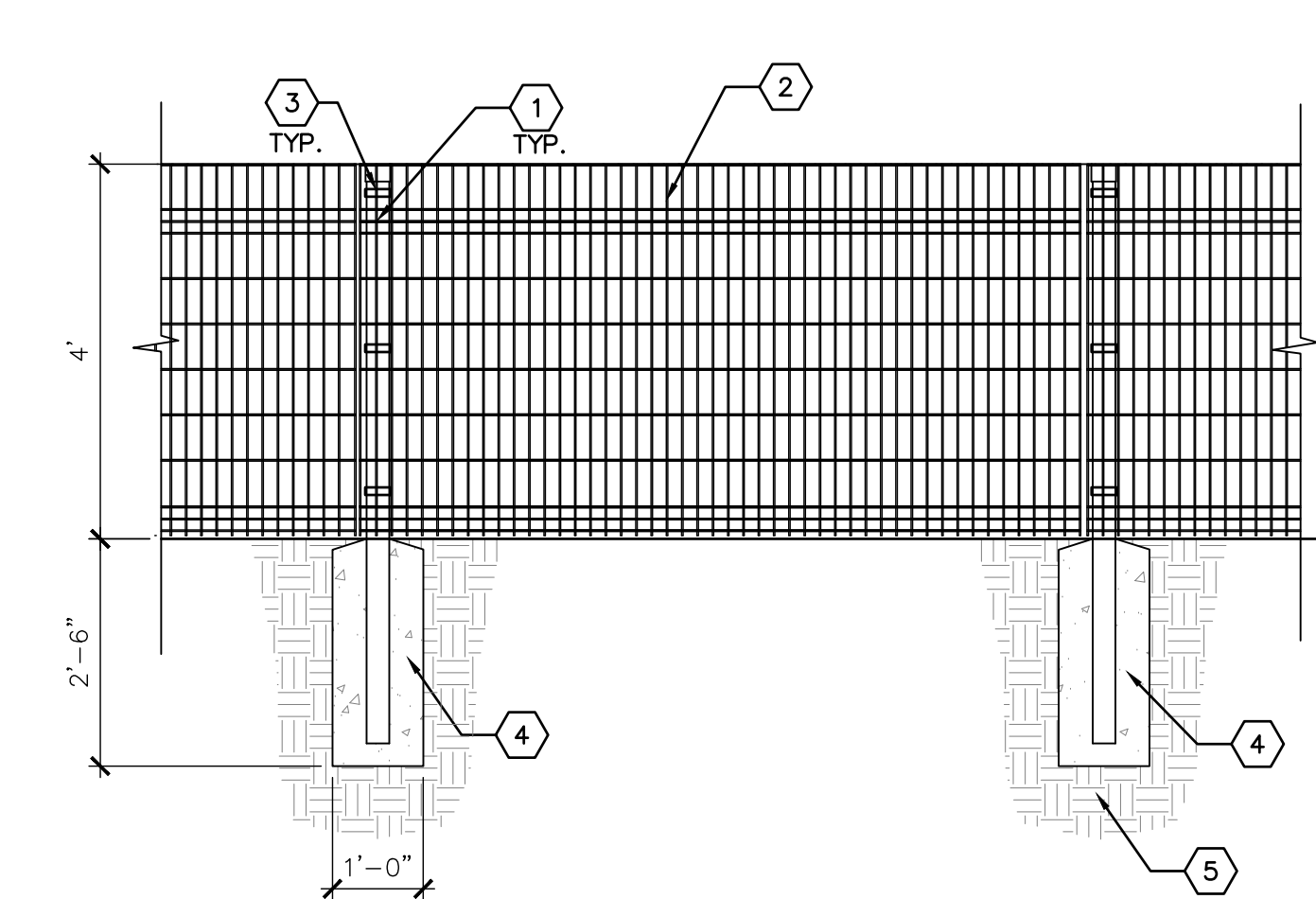
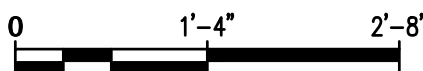
1. SYNTHETIC TURF SYSTEM WITH FILL MATERIAL - 'SYNBLUE 745' AS AVAILABLE FROM SYNLAWN (505-890-8889), OR APPROVED EQUAL.
2. 4" MINIMUM DEPTH OF BASE COURSE MATERIAL - NMDOT TYPE 1.
3. MIRAFI 180N HEAVY WEIGHT NONWOVEN GEOTEXTILE FABRIC OR APPROVED EQUAL.
4. SUBGRADE COMPACTED TO 95% PROCTOR. SLOPE OF SUBGRADE SHALL BE PER GRADING PLAN.
5. 2" X 4" PRESSURE TREATED PINE OR RECYCLED PLASTIC NAILER BOARD, SEE GENERAL NOTE #1.
6. CONCRETE ACCENT BAND - SEE PLAN
7. LANDSCAPE AREA, MATERIAL VARIES

GENERAL NOTES

1. NAILER BOARD AT ALL CORNERS AND CHANGES IN DIRECTIONS SHALL BE CONNECTED TOGETHER WITH (3) STAINLESS STEEL SCREWS TO CREATE A CONTINUOUS FRAME. CONTRACTOR SHALL PROVIDE SUBMITTAL FOR HARDWARE USED TO FASTEN NAILER BOARD TO CONCRETE SURFACES.

A3 SYNTHETIC TURF

3/4" = 1'-0"



KEYED NOTES

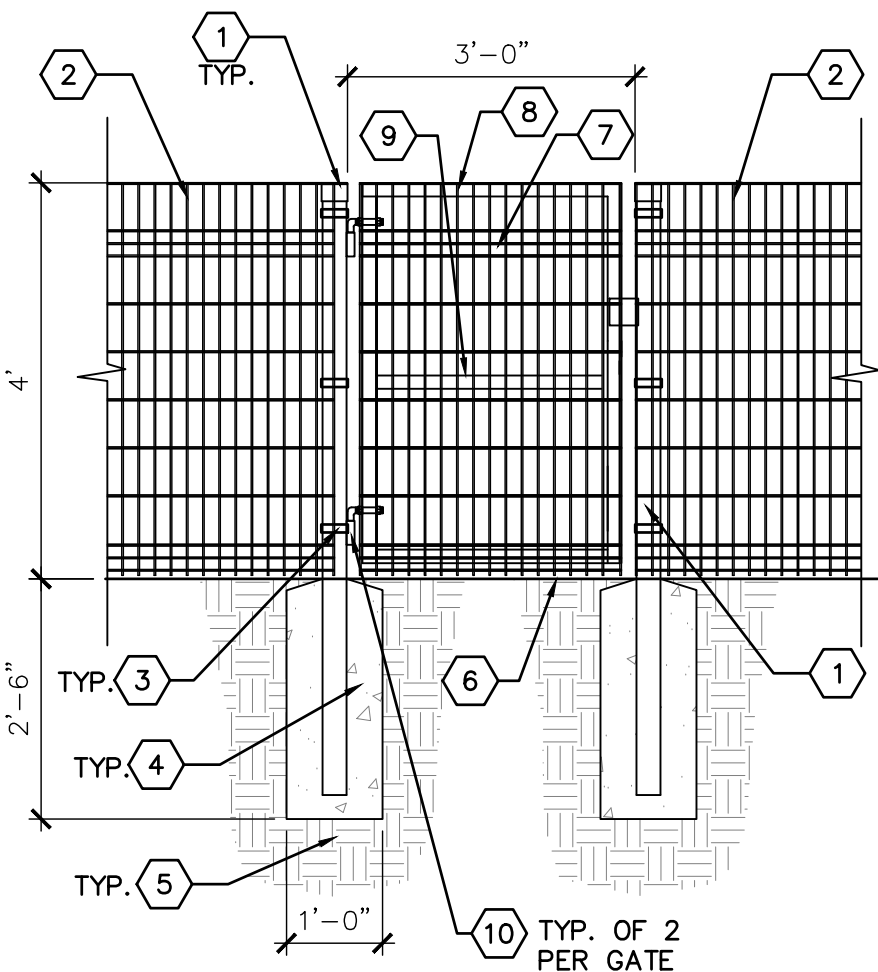
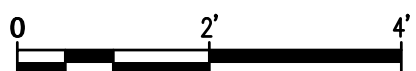
1. 3" X 3" X 11 GAUGE STEEL POST, SPACED AT 8'-0" O.C. TOPS OF POSTS SHALL HAVE POST CAPS.
2. 4' HIGH VERTICAL DESIGNMASTER CLASSIC FENCE PANEL AS AVAILABLE FROM VALLEY FENCE (505-877-1155) OR APPROVED EQUAL.
3. STANDARD BRACKET. FENCE PANELS SHALL BE ATTACHED TO POSTS WITH STANDARD BRACKETS. SEE GENERAL NOTE B.
4. 3000 PSI CONCRETE FOOTING.
5. SUBGRADE COMPACTED TO 95%.
6. FINISH GRADE, MATERIAL VARIES - SEE CONSTRUCTION PLAN.

GENERAL NOTES

- A. THE DESIGNMASTER FENCE SHALL BE INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS.
- B. THE STANDARD BRACKET SHALL BE INSTALLED SO THE BOLT SIDE IS ON THE OUTSIDE OF THE PATIO.
- C. POSTS AT GATES SHALL BE 3" X 3" X 11 GAUGE STEEL POSTS. SEE DETAIL A1/LS501.
- D. POSTS, RAILS, AND FENCE PANEL POWDER COATING COLOR SHALL BROWN 7006.

D1 4' HT. DESIGNMASTER CLASSIC FENCE

1/2" = 1'-0"



KEYED NOTES

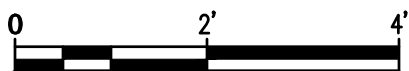
1. 3" X 3" X 11 GAUGE STEEL GATE POST. TOPS OF POSTS SHALL HAVE POST CAPS.
2. 4' HIGH DESIGNMASTER CLASSIC FENCE - SEE DETAIL D1/LS501.
3. STANDARD 3" X 3" BRACKET FOR 3" GATE POST. FENCE PANELS SHALL BE ATTACHED TO GATE POSTS WITH STANDARD 3" BRACKETS. SEE GENERAL NOTE B.
4. 3000 PSI CONCRETE FOOTING.
5. SUBGRADE COMPACTED TO 95%.
6. FINISH GRADE - SEE PLAN.
7. 4' HT. DESIGNMASTER CLASSIC PANEL. THE PANEL SHALL BE CUT TO LENGTH AND WELDED TO GATE FRAME. SEE GENERAL NOTE A.
8. 2" X 2" X 3 GAUGE (1/4" WALL) SQUARE STEEL TUBE, FOR GATE FRAME. INSTALL CAPS OR WELD ON ENDS. SEE GENERAL NOTES E & F.
9. 2" X 2" X 3 GAUGE (1/4" WALL) SQUARE STEEL TUBE CENTER RAIL FOR GATE. SEE GENERAL NOTES E & F.
10. 3/4" STEEL J-BOLT ADJUSTABLE BARREL HINGE TO ALLOW THE GATE TO OPEN IN BOTH DIRECTIONS.

GENERAL NOTES

- A. TOUCH UP PAINT ON PANEL PER THE MANUFACTURER'S SPECIFICATIONS.
- B. THE STANDARD BRACKET SHALL BE INSTALLED SO THE BOLT SIDE IS ON THE OUTSIDE OF THE COURT AREA.
- C. POSTS AT GATES SHALL BE 3" X 3" X 11 GAUGE STEEL POSTS.
- D. POSTS, RAILS, & FENCE PANELS POWDER COATING COLOR SHALL BE BROWN 7006.
- E. ALL WELDS SHALL BE GROUND SMOOTH.
- F. GATE SHALL BE CONSTRUCTED WITH ALL JOINTS WELDED. THE GATE SHALL ALSO BE CONSTRUCTED TO OPEN 180 DEGREES IN BOTH DIRECTIONS AND LATCH TO ADJACENT FENCE.

A1 4' HT. X 3' WIDE SINGLE GATE

1/2" = 1'-0"





CONSULTANTS

SEAL



5201 HAWKING DR
ALBUQUERQUE NM 87106

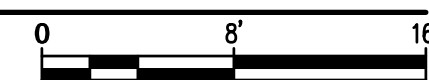
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MRWM PROJECT NO 24025
DESIGNED BY LI CHECKED BY AZ
DRAWN BY CE

SHEET TITLE

SHEET NUMBER

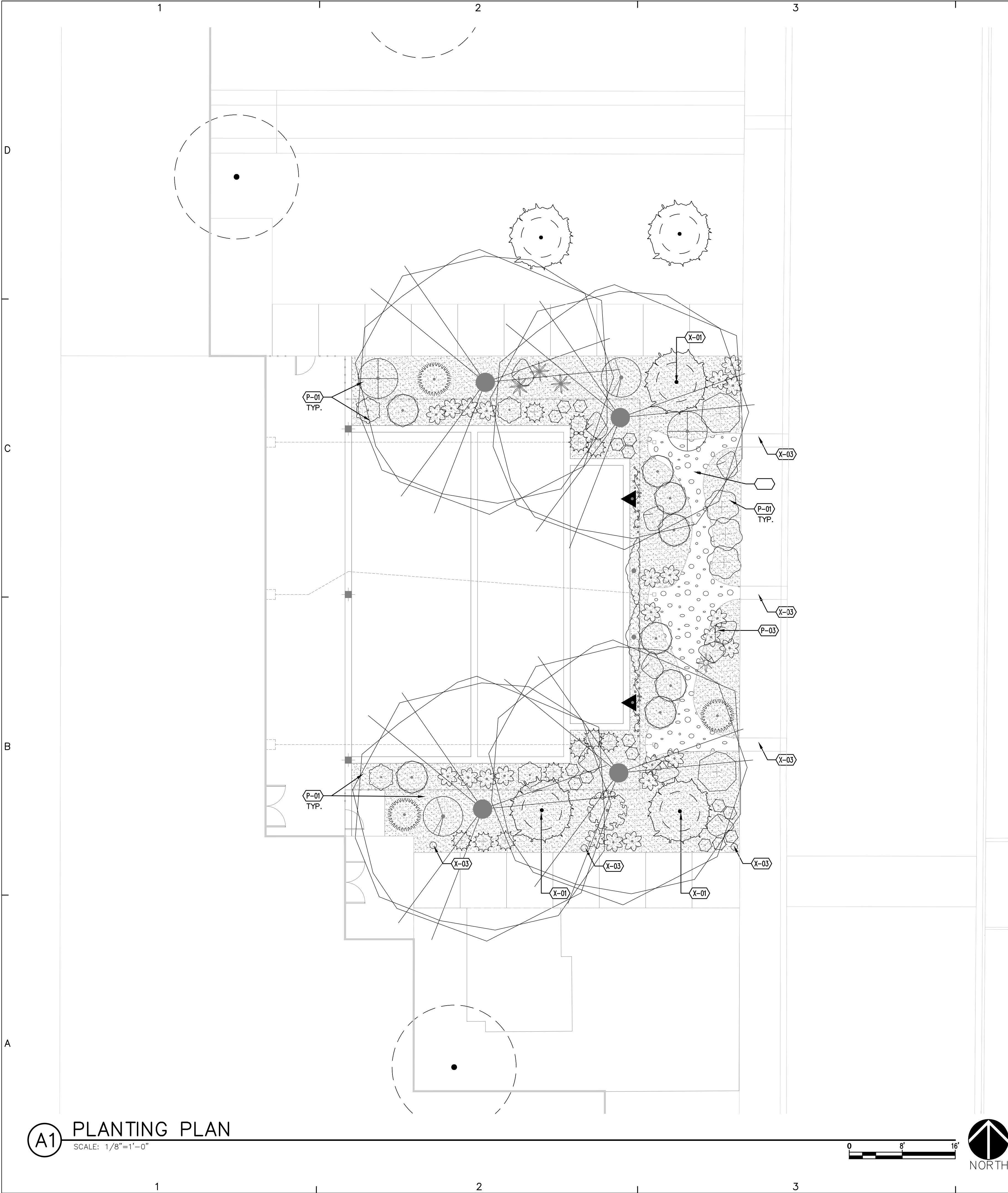
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A1 DIMENSION AND LAYOUT PLAN

SCALE: 1/8"=1'-0"

SCALE: 1/8"=1'-0"



GENERAL PLANTING NOTES

CODE	DESCRIPTION
GP-01	IN CASE OF DISCREPANCY IN PLANT QUANTITIES SHOWN ON THE PLANT LEGEND AND THOSE SHOWN ON THE PLANTING PLAN, THE QUANTITIES SHOWN ON THE PLAN SHALL GOVERN. CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO BID AND INSTALLATION. NO ADDITIONAL PAYMENT WILL BE MADE FOR ANY DISCREPANCIES IN QUANTITIES BETWEEN THE PLANTING PLAN AND THE PLANT LIST.
GP-02	IF THERE IS A DISCREPANCY IN THE FIELD OR NURSERY BETWEEN THE CONTAINER SIZE CALLED OUT UNDER "REMARKS" AND HEIGHT & SPREAD CALLED OUT UNDER "INSTALLED SIZE", THE SPECIFIED PLANT MUST MEET HEIGHT & SPREAD REQUIREMENTS SPECIFIED UNDER "INSTALLED SIZE", EVEN IF A LARGER CONTAINER SIZE IS REQUIRED TO MEET THESE SPECIFICATIONS, AT NO ADDITIONAL COST TO THE OWNER.
GP-03	FILTER FABRIC SHALL BE MIN. 4 OZ. NON-WOVEN NEEDLE-PUNCHED POLYPROPYLENE (MIRAFI OR EQUIVALENT). OVERLAP ENDS 3" AND TURN DOWN EDGES 6".
GP-04	THE TOP OF MULCH SHALL BE 1" BELOW TOP OF ADJACENT CONCRETE SURFACES.
GP-05	THE CONTRACTOR SHALL PRUNE LOWER BRANCHES OF DECIDUOUS TREES AS DIRECTED BY LANDSCAPE ARCHITECT IN THE FIELD.
GP-08	THE CONTRACTOR SHALL INSTALL TREES PER DETAIL A5/LP501.
GP-09	THE CONTRACTOR SHALL INSTALL SHRUBS PER DETAIL C5/LP501.
GP-10	THE CONTRACTOR SHALL INSTALL VINES PER DETAIL C3/LP501.

EXISTING CONDITIONS

CODE	DESCRIPTION
X-01	EXISTING TREE TO REMAIN.
X-02	EXISTING SIDEWALK CULVERT TO REMAIN.
X-03	EXISTING BOLLARD LIGHT TO REMAIN.


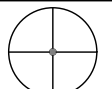
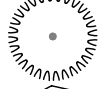

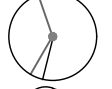



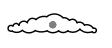
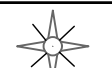
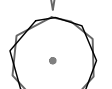



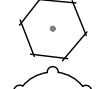

PLANTING SCHEDULE

CODE	DESCRIPTION
P-01	ROCK MULCH SHALL BE A BLEND OF 60% FINES, 40% 7/16" 'SANTA FE BROWN', AS AVAILABLE FROM BUILDLOGY (505-344-6626), AT 3" DEPTH, OVER FILTER FABRIC.
P-02	2"-4" COBBLE OVER WOOD MULCH. RIP RAP MULCH SHALL BE 2"-4" 'DESERT BRONZE', AS AVAILABLE FROM BUILDLOGY (505-344-6626), INSTALLED AT 4" DEPTH WITHOUT FILTER FABRIC. WOOD MULCH SHALL BE "NATIVE MULCH" AS AVAILABLE FROM SOILUTIONS (505-877-0220), OR APPROVED EQUAL, INSTALL AT 3" DEPTH.

SYMBOL	DESCRIPTION
P-03	BOULDER SHALL BE A 12-18 C.F. INSTALL PER DETAIL D5/LP501.

PLANT SCHEDULE

SEE SHEET LP501 FOR COMPLETE PLANT SCHEDULE

<u>SYMBOL</u>	<u>CODE</u>	<u>COMMON NAME</u>	<u>BOTANICAL NAME</u>
<u>TREES</u>			
	TE	TRIUMPH ELM	ULMUS X 'MORTON GLOSSY' TM
<u>SHRUBS</u>			
	FP	APACHE PLUME	FALLUGIA PARADOXA
	BC	BEARBERRY COTONEASTER	COTONEASTER DAMMERI
	EN	CHAMISA	ERICAMERIA NAUSEOSA
	CM	FERNBUSH	CHAMAEBATIARIA MILLEFOLIUM
	GLS	GRO—LOW SUMAC	RHUS AROMATICA 'GRO—LOW'
	RW	WOODS ROSE	ROSA WOODSII
<u>VINES</u>			
	BC2	CROSS VINE	BIGNONIA CAPREOLATA
	VC	ROGER'S RED GRAPE	VITIS CALIFORNICA X VINIFERA 'ROGER'S RED'
<u>DESERT ACCENTS</u>			
	YB	BANANA YUCCA	YUCCA BACCATA
	BG	BEAR GRASS	NOLINA TEXANA
	BA	BLONDE AMBITION BLUE GRAMA	BOUTELOUA GRACILIS 'BLONDE AMBITION'
	HP	RED YUCCA	HESPERALOE PARVIFLORA
<u>GROUNDCOVERS</u>			
	CAT	CATMINT	NEPETA FAASSENII
	TC	CREEPING GERMANDER	TEUCRIUM COSSONII
	MR	CREEPING MAHONIA	MAHONIA REPENS

pland
COLLABORATIVE

plandcollab.com 505 268 2266

CONSULTANTS

SEAL

STATE OF NEW MEXICO
AARON ZAHN
NO. 448
REGISTERED
LANDSCAPE ARCHITECT
7/12/24

PROJECT NAME AND ADDRESS

**KAIROS POWER
EMPLOYEE PATIO**
5201 HAWKING DR
ALBUQUERQUE NM 87106

DATE JULY 12, 2024
SUBMITTAL
100%
CONSTRUCTION DOCUMENTS

REVISIONS

NO.	DATE	DESCRIPTION

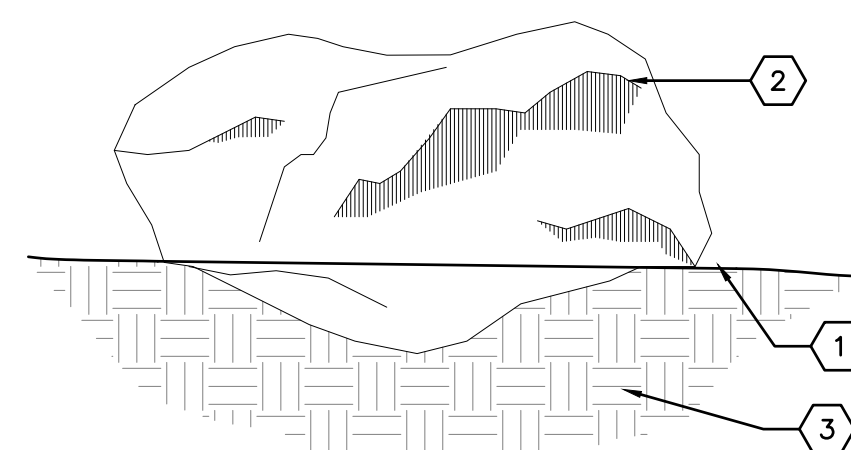
MRWM PROJECT NO 24025
DESIGNED BY LJ CHECKED BY AZ
DRAWN BY FB

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PLANTING PLAN

SHEET NUMBER

LP101

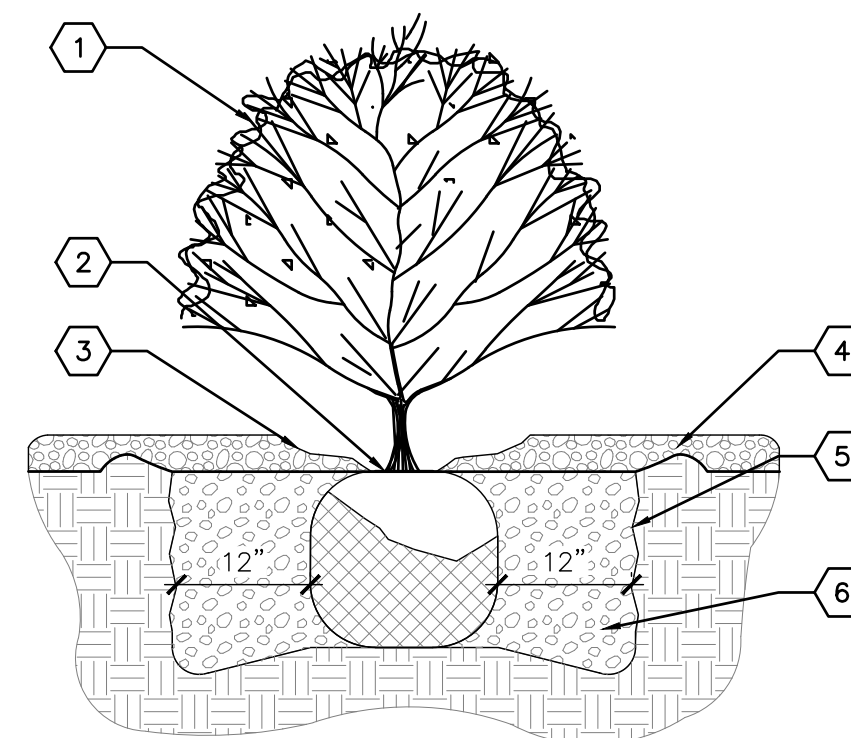


KEYED NOTES

1. FINISH GRADE (MATERIAL VARIES) - BOULDER SHALL BE BURIED TO MIN 8" DEPTH BELOW FINISH GRADE.
2. BOULDER, MOSSROCK OR APPROVED ALTERNATE MATERIAL AS LOCALLY AVAILABLE.
3. SUBGRADE COMPACTED TO 95%.

⑤ ACCENT BOULDER

NOT TO SCALE

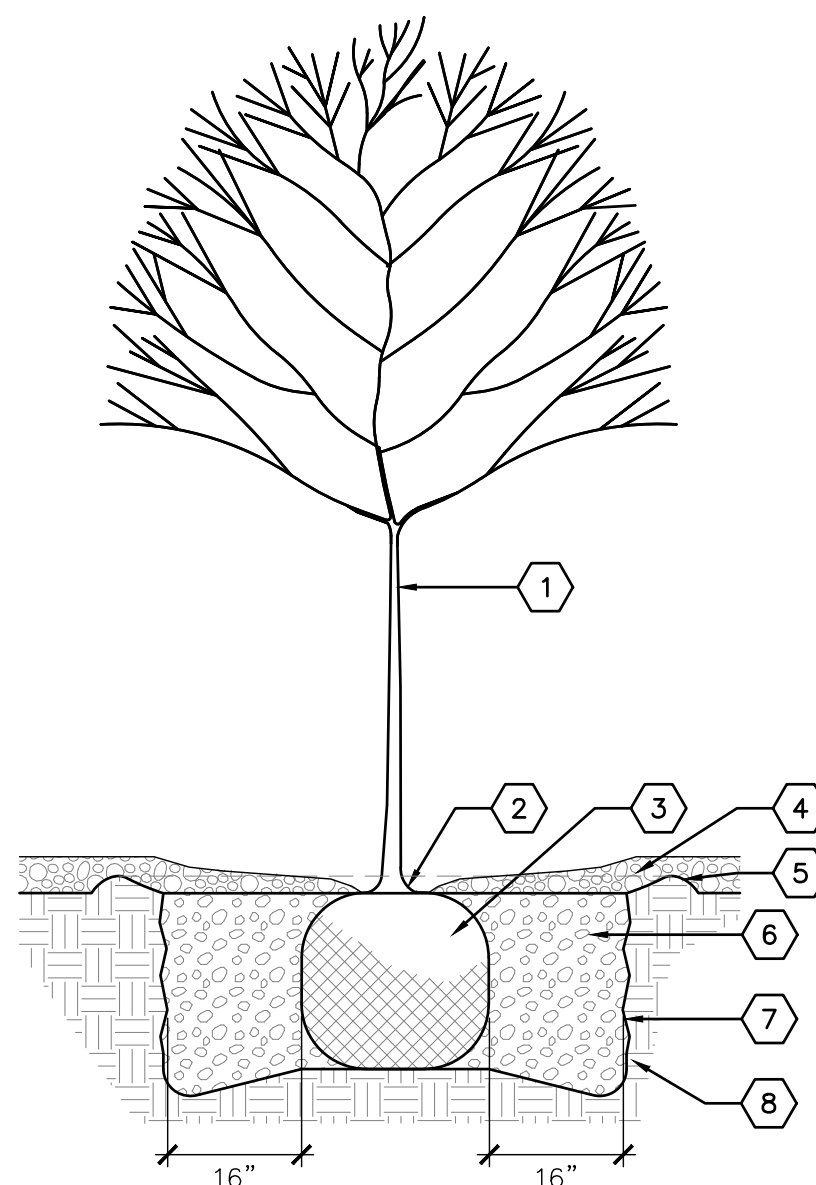


KEYED NOTES

1. SHRUB - SEE PLAN FOR SPECIES AND LOCATIONS.
2. PLANT AT SAME DEPTH MAINTAINED AT NURSERY.
3. FEATHER MULCH TO A 2" DEPTH ON TOP OF ROOT BALL AND HOLD BACK 2" FROM SHRUB STEM(S).
4. GRAVEL MULCH
5. SCARIFY EDGE OF PLANTING HOLE, CONTINUOUS ALL SIDES.
6. BACKFILL AND SOIL AMENDMENTS - SEE SPECIFICATIONS.

SHRUB PLANTING

NOT TO SCALE

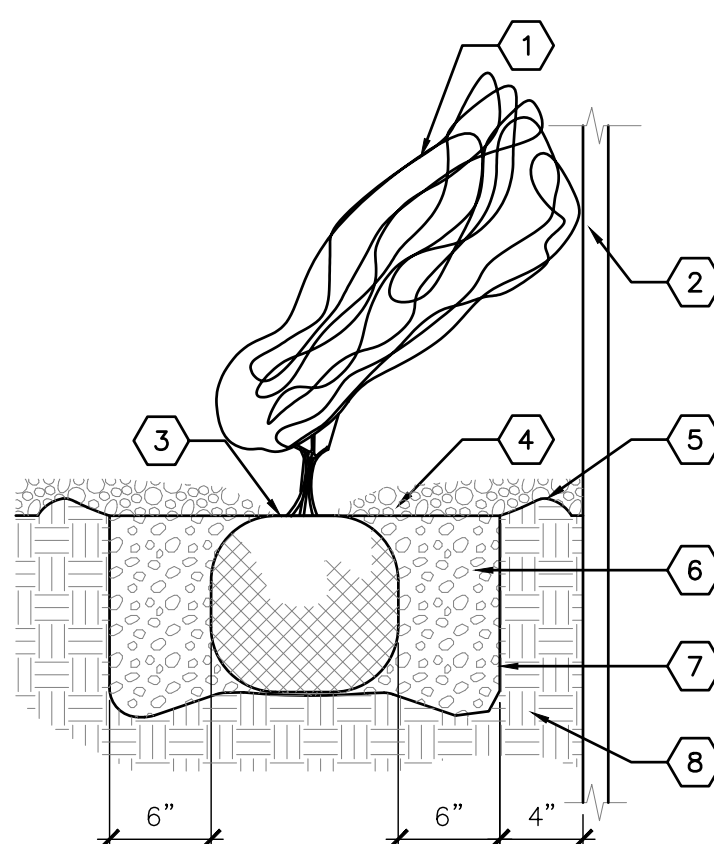


KEYED NOTES

1. TREE - SEE PLAN FOR SPECIES AND LOCATIONS.
2. ROOT FLARE SHALL BE 2"-3" ABOVE GRADE. REMOVE EXISTING SOIL FROM NURSERY TO EXPOSE ROOT FLARE.
3. PLACE TREE IN HOLE VERTICALLY. REMOVE WIRE BASKET, WOOD BOX, PLASTIC, TWINE AND/OR ROPE, AND BURLAP PRIOR TO BACKFILLING.
4. MULCHING PLAN: AVOID MULCH INSTALLATION 4" - 6" OF DISTANCE FROM TREE TRUNK.
5. EARTHEN BERM, 6" HEIGHT
6. THOROUGHLY MIX BACKFILL AND SOIL AMENDMENTS PRIOR TO INSTALLATION
7. SEE SPECIFICATIONS.
8. SCARIFY EDGE OF PLANTING HOLE, CONTINUOUS ALL SIDES.
9. UNDISTURBED SUBGRADE

⑤ TREE PLANTING

NOT TO SCALE






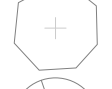





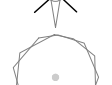





KEYED NOTES

1. VINE – SEE PLAN FOR SPECIES AND LOCATION.
2. VERTICAL STRUCTURE – SEE PLAN.
3. PLANT AT SAME DEPTH AS MAINTAINED AT NURSERY.
4. MULCH – SEE PLAN. HOLD BACK 2" FROM VINE STEMS.
5. EARTHEN BERM, 6" HEIGHT
6. BACKFILL AND SOIL AMENDMENTS – SEE SPECIFICATIONS. MIX THOROUGHLY PRIOR TO INSTALLATION.
7. SCARIFY EDGE OF PLANTING HOLE, CONTINUOUS ALL SIDES.
8. UNDISTURBED SUBGRADE

C3 VINE PLANTING

NOT TO SCALE

PLANT SCHEDULE

SYMBOL	CODE	QTY	COMMON NAME	BOTANICAL NAME	REMARKS	HT.	SPD.	INSTALLED SIZE
<u>TREES</u>								
	TE	4	TRIUMPH ELM	ULMUS X 'MORTON GLOSSY' TM	B&B	50'	40'	2" CAL., 10'-12' HT.
<u>SHRUBS</u>								
	FP	2	APACHE PLUME	FALLUGIA PARADOXA	5 GAL.	6'	6'	MIN. 18" SPD.
	BC	3	BEARBERRY COTONEASTER	COTONEASTER DAMMERI	5 GAL.	1'	5'	MIN. 12" SPD.
	EN	2	CHAMISA	ERICAMERIA NAUSEOSA	5 GAL.	5'	6'	MIN. 8" HT.
	CM	2	FERNBUSH	CHAMAEBATIARIA MILLEFOLIUM	5 GAL.	4-6'	4-6'	MIN. 8" HT
	GLS	3	GRO-LOW SUMAC	RHUS AROMATICA 'GRO-LOW'	5 GAL.	3'	5'	MIN. 18" SPD.
	RW	1	WOODS ROSE	ROSA WOODSII	5 GAL.	6'	6'	MIN. 18" SPD.
<u>VINES</u>								
	BC2	2	CROSS VINE	BIGNONIA CAPREOLATA	5 GAL.	20'	20'	MIN. 18" HT.
	VC	2	ROGER'S RED GRAPE	VITIS CALIFORNICA X VINIFERA 'ROGER'S RED'	5 GAL.	20'	20'	MIN. 18" HT.
<u>DESERT ACCENTS</u>								
	YB	1	BANANA YUCCA	YUCCA BACCATA	5 GAL.	3'	3'	MIN. 12" HT.
	BG	8	BEAR GRASS	NOLINA TEXANA	5 GAL.	4'	5'	MIN. 12" HT.
	BA	23	BLONDE AMBITION BLUE GRAMA	BOUTELOUA GRACILIS 'BLONDE AMBITION'	3 GAL.	2'	3'	MIN. 8" HT.
	HP	3	RED YUCCA	HESPERALOE PARVIFLORA	5 GAL.	3'	3'	MIN. 12" HT.
<u>GROUNDCOVERS</u>								
	CAT	11	CATMINT	NEPETA FAASSENII	1 GAL.	1'	3'	MIN. 6" SPD.
	TC	16	CREEPING GERMANDER	TEUCRIUM COSSONII	1 GAL.	6"	1'-6"	MIN. 6" SPD.
	MR	4	CREEPING MAHONIA	MAHONIA REPENS	5 GAL.	1'	3'	MIN. 18" SPD.

SEAL



PROJECT NAME AND ADDRESS

KAIROS POWER
EMPLOYEE PATIO

5201 HAWKING DR
ALBUQUERQUE NM 87106

DATE JULY 12 2024

SUBMITTAL

100%
CONSTRUCTION DOCUMENTS

△ REVISIONS

[illegible]

MRWM PROJECT NO 24025

DESIGNED BY I I

CHECKED BY A2

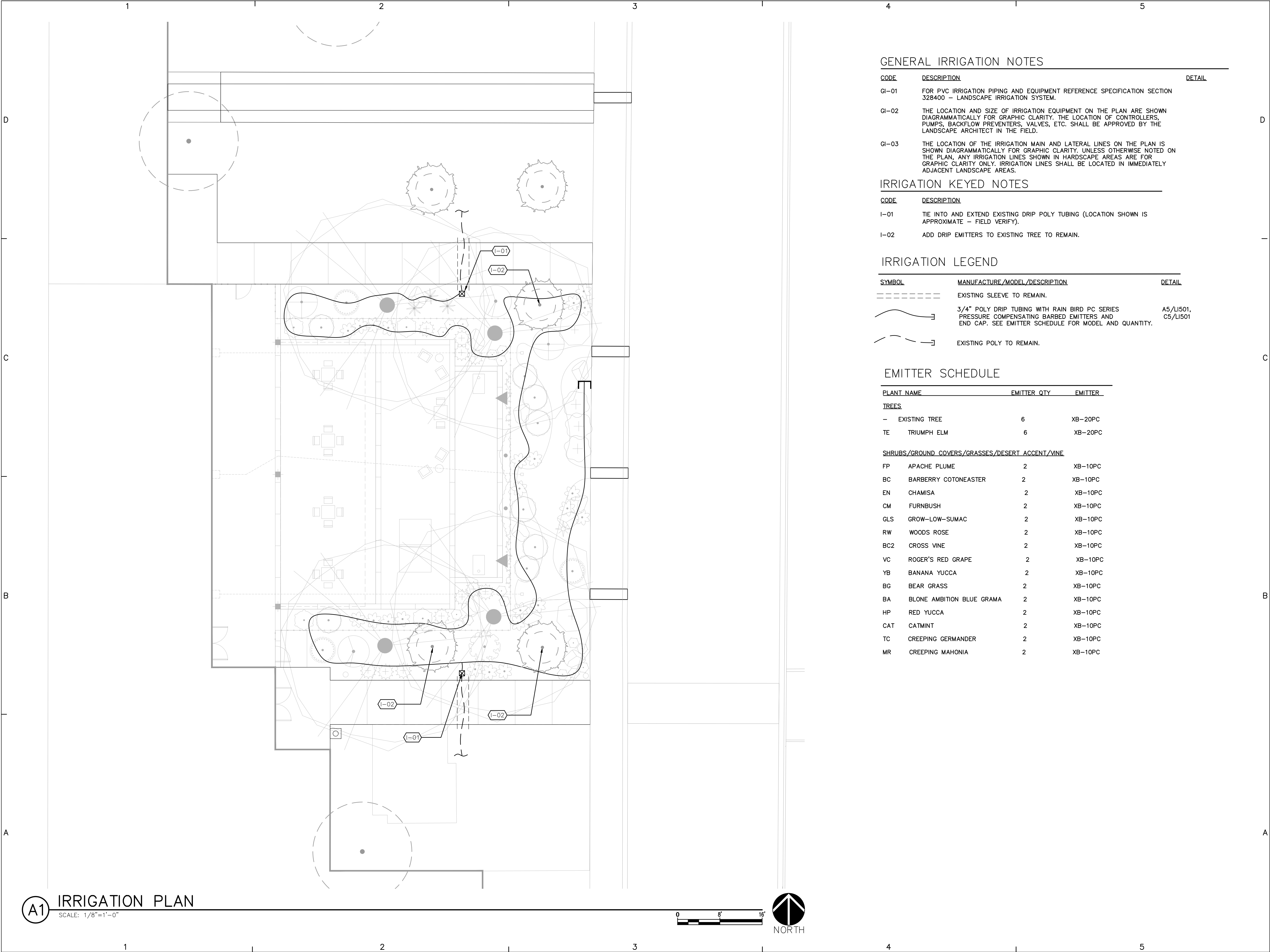
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SHEET TITLE

PLANTING DETAILS

SHEET NUMBER

LP501



GENERAL IRRIGATION NOTES

CODE	DESCRIPTION	DETAIL
GI-01	FOR PVC IRRIGATION PIPING AND EQUIPMENT REFERENCE SPECIFICATION SECTION 328400 – LANDSCAPE IRRIGATION SYSTEM.	
GI-02	THE LOCATION AND SIZE OF IRRIGATION EQUIPMENT ON THE PLAN ARE SHOWN DIAGRAMMATICALLY FOR GRAPHIC CLARITY. THE LOCATION OF CONTROLLERS, PUMPS, BACKFLOW PREVENTERS, VALVES, ETC. SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT IN THE FIELD.	
GI-03	THE LOCATION OF THE IRRIGATION MAIN AND LATERAL LINES ON THE PLAN IS SHOWN DIAGRAMMATICALLY FOR GRAPHIC CLARITY. UNLESS OTHERWISE NOTED ON THE PLAN, ANY IRRIGATION LINES SHOWN IN HARDSCAPE AREAS ARE FOR GRAPHIC CLARITY ONLY. IRRIGATION LINES SHALL BE LOCATED IN IMMEDIATELY ADJACENT LANDSCAPE AREAS.	

IRRIGATION KEYED NOTES

CODE	DESCRIPTION
I-01	TIE INTO AND EXTEND EXISTING DRIP POLY TUBING (LOCATION SHOWN IS APPROXIMATE – FIELD VERIFY).
I-02	ADD DRIP EMITTERS TO EXISTING TREE TO REMAIN.

IRRIGATION LEGEND

SYMBOL	MANUFACTURE/MODEL/DESCRIPTION	DETAIL
-----	EXISTING SLEEVE TO REMAIN.	
~~~~~	3/4" POLY DRIP TUBING WITH RAIN BIRD PC SERIES PRESSURE COMPENSATING BARBED EMITTERS AND END CAP. SEE EMITTER SCHEDULE FOR MODEL AND QUANTITY.	A5/LI501, C5/LI501
- - - - -	EXISTING POLY TO REMAIN.	

EMITTER SCHEDULE

PLANT NAME	EMITTER QTY	EMITTER
TREES		
— EXISTING TREE	6	XB-20PC
TE TRIUMPH ELM	6	XB-20PC
SHRUBS/GROUND COVERS/GRASSES/DESERT ACCENT/VINE		
FP APACHE PLUME	2	XB-10PC
BC BARBERRY COTONEASTER	2	XB-10PC
EN CHAMISA	2	XB-10PC
CM FURNBUSH	2	XB-10PC
GLS GROW-LOW-SUMAC	2	XB-10PC
RW WOODS ROSE	2	XB-10PC
BC2 CROSS VINE	2	XB-10PC
VC ROGER'S RED GRAPE	2	XB-10PC
YB BANANA YUCCA	2	XB-10PC
BG BEAR GRASS	2	XB-10PC
BA BLONE AMBITION BLUE GRAMA	2	XB-10PC
HP RED YUCCA	2	XB-10PC
CAT CATMINT	2	XB-10PC
TC CREEPING GERMANDER	2	XB-10PC
MR CREEPING MAHONIA	2	XB-10PC

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CONSULTANTS

SEAL

PROJECT NAME AND ADDRESS

**KAIROS POWER  
EMPLOYEE PATIO**  
5201 HAWKING DR  
ALBUQUERQUE NM 87106

DATE JULY 12, 2024  
SUBMITTAL 100%  
CONSTRUCTION DOCUMENTS

REVISIONS

NO.	DATE	DESCRIPTION

MRWM PROJECT NO 24025  
DESIGNED BY LJ CHECKED BY AZ  
DRAWN BY FB

SHEET TITLE

**IRRIGATION PLAN**

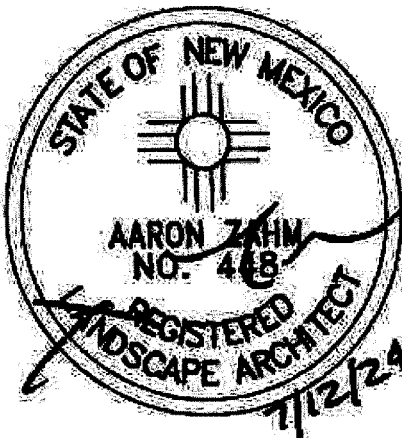
SHEET NUMBER

**LI101**



CONSULTANTS

SEAL



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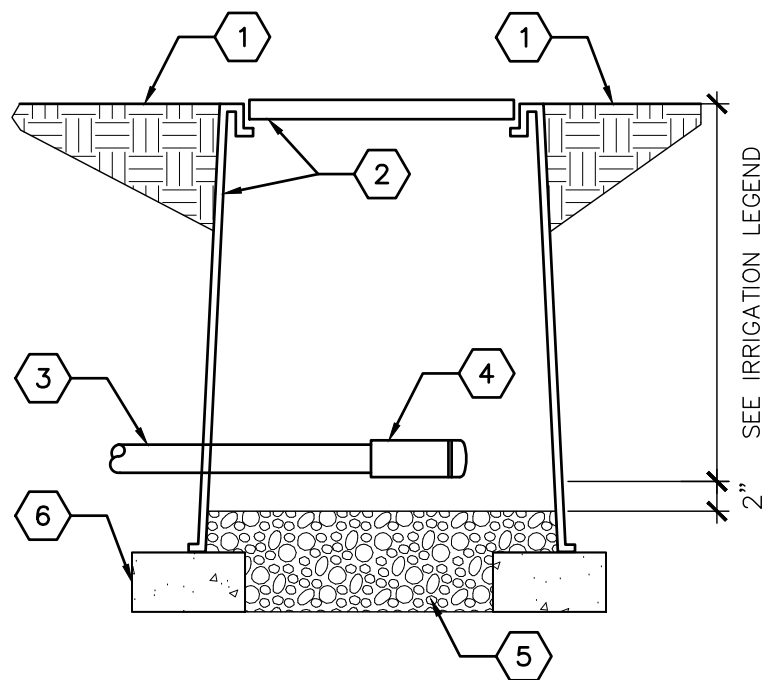
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SHEET TITLE

IRRIGATION DETAILS

SHEET NUMBER

LI501



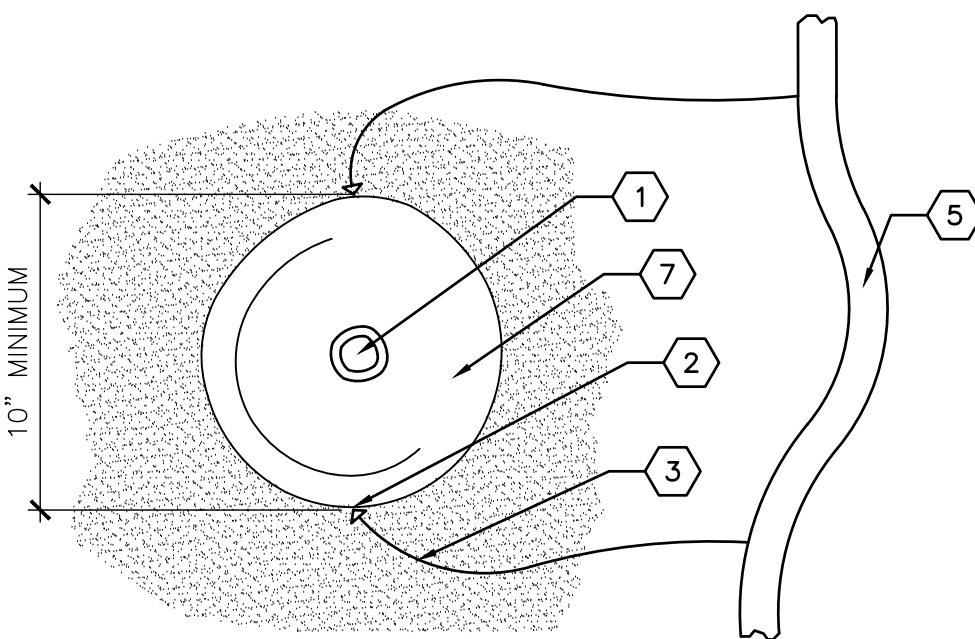
### KEYED NOTES

1. FINISH GRADE.
2. APPLIED ENGINEERING SERIES 610, 6" ROUND VALVE BOX. (COLOR: TAN)
3. 1/2" POLYETHYLENE DRIP TUBING.
4. 1/2" RAIN BIRD EASY FIT COMPRESSION COUPLER WITH REMOVABLE FLUSH CAP.
5. 3/4" TO 1" DIAMETER CRUSHED GRAVEL, 6" DEPTH. GRAVEL SHALL BE FREE OF DIRT AND FINES.
6. SOLID CMU BLOCK (2 EACH).

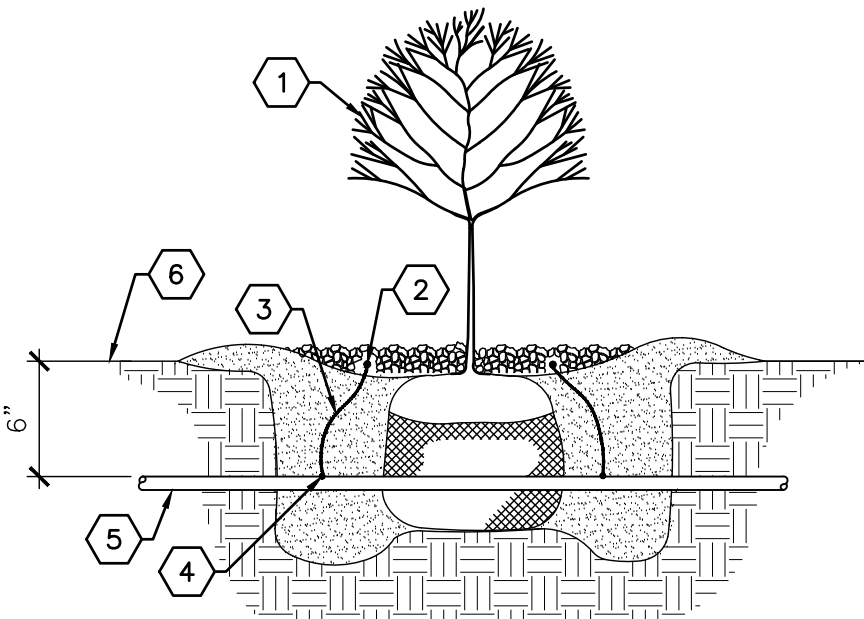
C5

### DRIP LINE FLUSH CAP

NOT TO SCALE



PLAN



SECTION

### KEYED NOTES

1. TREE OR SHRUB PLANTING.
2. DRIP EMITTER (SEE LEGEND).
3. 1/4" DRIPLINE.
4. TRANSFER BARB.
5. 1/2" POLYETHYLENE DRIP TUBING.
6. FINISH GRADE.
7. PLANT ROOTBALL.

### GENERAL NOTES

- A. INSTALL EMITTERS ON OPPOSING SIDES OF ROOTBALL.
- B. EMITTERS ARE TO BE INSTALLED TO CLEAR TOP OF FINISH GRADE BY A MINIMUM OF 1" AND A MAXIMUM OF 2".
- C. FLUSH ALL LINES THOROUGHLY, INCLUDING 1/4" TUBING, PRIOR TO EMITTER INSTALLATION.
- D. IF PLANTING ON A 4:1 SLOPE OR STEEPER, INSTALL ALL EMITTERS ON UPHILL SIDE OF ROOTBALL.
- E. REFER TO IRRIGATION LEGEND & EMITTER SCHEDULE FOR EMITTER TYPE AND QUANTITY.

A5

### DRIP EMITTER PLACEMENT

NOT TO SCALE