

GENERAL NOTES:

- A. THIS PROJECT IS NOT A PHASED DEVELOPMENT. ALL PROPOSED BUILDINGS SHALL BE CONSTRUCTED IN ONE PHASE.
- B. THE OFFICE BUILDING FOUNDATION IS INCLUDED IN THE SCOPE OF THIS PERMIT, BUT THE BUILDING SHALL BE PERMITTED SEPARATELY THROUGH THE APPROPRIATE AUTHORITY HAVING JURISDICTION.
- C. NO ADJACENT STRUCTURES ARE WITHIN 20' OF THE SITE.
- D. NO PROPOSED REFUSE FACILITY IS INCLUDED IN THE SCOPE OF THIS PROJECT. NEW BUILDINGS ARE INTENDED TO USE THE EXISTING TRASH COMPACTOR TO THE NORTH OF THE EXISTING BUILDING. EXISTING ACCESS IS UNCHANGED.
- E. ALL ABUTTING PROPERTIES ARE ZONED PC- PLANNED COMMUNITY.
- F. LANDSCAPE DRAWINGS NOT DEVELOPED AT THIS TIME BUT WILL INCLUDE WATER HARVESTING DESIGN LAYOUT.
- G. STORM WATER CALCULATIONS WILL INCLUDE WATER HARVESTING CALCULATIONS.
- H. ALL ACCESS AISLE AND ROAD DIMENSIONS EXCLUDE CURBS UNLESS OTHERWISE NOTED.
- I. NO TEMPORARY STRUCTURES ARE PROPOSED WITH THIS PROJECT.
- J. SITE LIGHTING SHALL COMPLY TO SECTION 4 AND LIGHTING DESIGN STANDARDS 7.4 OF THE MESA DEL SOL EMPLOYMENT CENTER DESIGN STANDARDS.
- K. SIGNAGE SHALL COMPLY TO SECTION 5 OF THE MESA DEL SOL EMPLOYMENT CENTER DESIGN STANDARDS.
- L. PROPOSED EXTERIOR WALL SCONCES SHALL BE MOUNTED ABOVE EACH EXTERIOR DOOR.
- M. LANDSCAPING, FENCING, AND SIGNING WILL NOT INTERFERE WITH CLEAR SIGHT

- REQUIREMENTS. THEREFORE, SIGNS, WALLS, TREES, AND SHRUBBERY BETWEEN 3 AND 8 FEET TALL MEASURED FROM GUTTER PAN WILL NOT BE ACCEPTABLE IN THE CLEAR SIGHT TRIANGLE
- N. NO EXISTING STRUCTURES WITHIN 20' OF THE SITE

PROJECT NUMBER: PR-2020-00448

Application Number: SP-2025-00055

Is an Infrastructure List required? (X) Yes () No If yes, then a set of approved DRG plans with a work order is required for any construction within Public Right-of-Way or for construction of public improvements.

DFT SITE DEVELOPMENT PLAN APPROVAL:

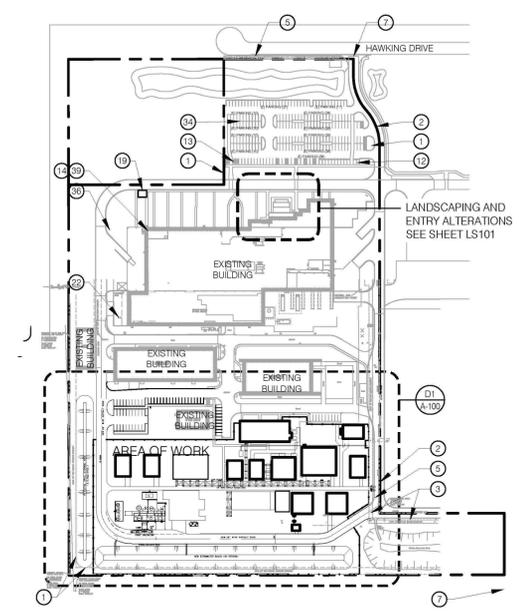
Ernest Ramirez	01/27/2026
Traffic Engineering, Transportation Division	Date
02/13/2026	Date
ABCWUA	Date
01/27/2026	Date
Parks and Recreation Department	Date
01/27/2026	Date
Hydrology	Date
01/28/2026	Date
Code Enforcement	Date
Solid Waste Management	Date
02/04/2026	Date
Planning Department	Date

KEYED NOTES:

1. EXISTING 20" WATERLINE EASEMENT
2. EXISTING 30" PRIVATE ACCESS EASEMENT
3. EXISTING PNM EASEMENT
4. EXISTING 20" PERMANENT PRIVATE UTILITY EASEMENT
5. EXISTING 10" PUBLIC UTILITY EASEMENT
6. EXISTING NATIVE VEGETATION TO BE PROTECTED FOR THE DURATION OF CONSTRUCTION. PROVIDE SILT FENCING AT THE PERIMETER OF THE PROJECT SCOPE AND REFRAIN FROM THE STORAGE AND USE OF EQUIPMENT IN THESE AREAS.
7. EXISTING SITE ACCESS
8. NEW FDC
9. EXISTING GRAVEL ACCESS ROAD WITH NEW ASPHALT PAVEMENT
10. NEW ASPHALT PARKING AND 6' WIDE CONCRETE TIRE STOPS
11. NEW ACCESSIBLE PARKING, SEE SHEET A-101
12. EXISTING HOV PARKING
13. EXISTING MOTORCYCLE PARKING
14. EXISTING AND PROPOSED BICYCLE PARKING - NEW SERPENTINE BIKE RACK TO MATCH EXISTING - 3 NEW SPACES MINIMUM, REFERENCE DETAIL D4/A-103
15. NEW LANDSCAPE AREA, REFER TO LANDSCAPE PLANS FOR ADDITIONAL INFORMATION
16. CONCRETE DRIVE PAD ENTRIES AT OVERSIZED AND OVERHEAD DOORS, ALIGN WITH ADJACENT CURB LINES AS SHOWN
17. CURB RAMPS IN NEW SIDEWALK FOR ACCESSIBLE SITE EGRESS
18. PAINTED DRIVE AISLE CROSSING
19. EXISTING SHADE STRUCTURE WITH SEATING
20. NEW FIRE APPARATUS TURNAROUND PER DETAIL C1/A-102
21. EXISTING LOADING AND SERVICE AREAS
22. EXISTING TRASH COMPACTOR AND REFUSE FACILITIES TO REMAIN UNCHANGED AND BE USED FOR NEW BUILDINGS
23. NEW SITE ACCESS
24. NEW MAINTENANCE ACCESS, 10' WIDE ASPHALT
25. 6' WIDE CONCRETE SIDEWALK WITH CONTROL JOINTS 5'-0" O.C. AND EXPANSION JOINTS 50'-0" O.C. MAX. LIGHT BROOM FINISH
26. TERMINATION OF EXISTING CONCRETE DRIVE
27. EXISTING 20" WIDE ABCWUA WATERLINE EASEMENT
28. NEW DRIVE AISLE, 28' WIDE ASPHALT
29. NEW ASPHALT DRIVE AISLE
30. TRAFFIC SIGN
31. EXTERIOR WALL MOUNTED LIGHTING ABOVE ALL DOORS - SEE ELECTRICAL DRAWINGS AND A-500 SHEETS FOR ADDITIONAL INFORMATION
32. CLEAR SIGHT TRIANGLES - MEASURED 15' FROM ROADWAY, 230' FOR LEFT TURNS AND 200' FOR RIGHT TURNS. LANDSCAPING, FENCING, AND SIGNING BETWEEN 3' AND 8' TALL WILL NOT BE ACCEPTABLE WITHIN CLEAR SIGHT TRIANGLES. SEE C1 & D1 ON SHEET A-101 FOR ADDITIONAL INFORMATION
33. ELEVATED PROCESS PIPING AND
34. EXISTING PARKING, SEE PARKING COUNTS IN GENERAL INFORMATION ON THIS SHEET
35. EDGE OF EXISTING GRAVEL ACCESS ROAD
36. EXISTING FIRE HYDRANT
37. NEW FIRE HYDRANT
38. NEW ILLUMINATED KNOX BOX - MOUNT 4'-0" TO 6'-0" ABOVE GRADE. KNOX BOX TO BE 3200 OR 4400 AS REQUIRED BY ALBUQUERQUE FIRE RESCUE. MOUNT KNOX BOX CLOSE TO ADJACENT DOORWAYS TO BE ILLUMINATED BY EXTERIOR LIGHTS ABOVE DOORS.
39. EXISTING INTERIOR BIKE PARKING WITH 5 BIKE CAPACITY
40. NEW PARKING
41. STORAGE TANK
42. EXISTING STORM SWALE ALTERED FOR NEW BUILDINGS AND ACCESS ROAD
43. CYCLONE FENCE WITH VINYL SLATS, TYP

LEGEND:

- EXISTING BUILDING
- NEW BUILDING
- NEW STRUCTURE/ PROCESS PIPING
- LIMIT OF CONSTRUCTION



OVERALL SITE PLAN
SCALE: 1" = 200'

GENERAL INFORMATION:

SITE ADDRESS:	5201 HAWKING DRIVE SE ALBUQUERQUE, NM 87106
LOT SIZE:	1,238,746.212 S.F. / 28.4377 ACRES
LOT COVERAGE (FAR):	22.2%
LANDSCAPING:	EXISTING: 170,590 SF PROPOSED: 206,239 SF
LOT COVERAGE:	EXISTING: 225,452 SF PROPOSED: 311,752 SF
APPROXIMATE NEW AREA BY BUILDING	
1. 2,800 SF	7. 2,000 SF
2. 2,800 SF	8. 8,700 SF
3. 2,400 SF	9. 7,000 SF
4. 2,200 SF	10. 400 SF
5. 4,500 SF	11. 3,600 SF
6. 8,100 SF	12. 2,500 SF
TOTAL:	47,000 SF
BUILDING AREA:	NEW BUILDING AREA: 47,000 SF EXISTING: 225,452 SF PROPOSED: 272,452 SF
BUILDING TYPE:	II-B
PROPOSED OCCUPANCY:	LIGHT MANUFACTURING (F)
PARKING AND TRAFFIC	
EXISTING PARKING SPACES:	223 STANDARD SPACES 12 HOV SPACES 12 ADA SPACES (5 VAN ACCESSIBLE) 12 MOTORCYCLE SPACES 24 BIKE PARKING SPACES 2 VAN POOL
PROPOSED PARKING SPACES:	8 STANDARD SPACES+2 VANPOOL SPACES
TOTAL SPACES	223 +40 NEW + 48 HOV+14 VAN POOL = 335
* PARKING CALCULATIONS ARE ROUNDED DOWN TO THE NEAREST WHOLE NUMBER PER IDO SECTION 5-5(C)(1)(D)	
** 12 SPACES X 4 CARPOOL CREDIT PER IDO SECTION 5-5(C)(6)(B) = 48 SPACES TOWARD THE REQUIRED OFF-STREET PARKING REQUIREMENT	
*** 2 SPACES X 7 VAN POOL CREDIT PER IDO SECTION 5-5(C)(6)(B) = 14 SPACES TOWARD THE REQUIRED OFF-STREET PARKING REQUIREMENT	

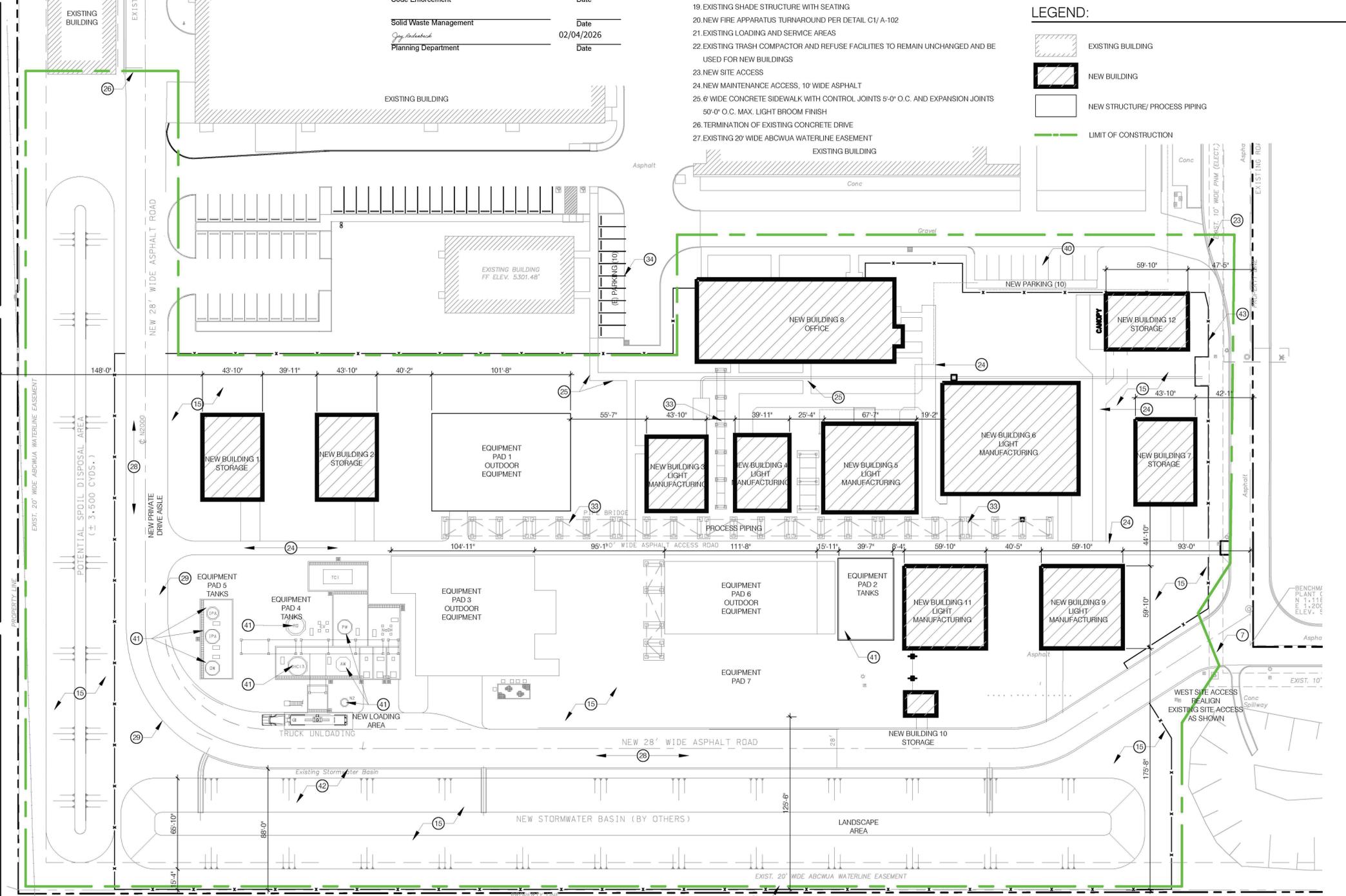
PROJECT DESCRIPTION:

THE PROPOSED DEVELOPMENT FOR KAIROS POWER INVOLVES TWO LAND USE REVIEWS. THE INFORMATION AND DRAWINGS INCLUDED IN THIS SUBMITTAL PACKAGE HAVE BEEN PROVIDED FOR A SITE PLAN, MAJOR AMENDMENT, REVIEW BY THE DEVELOPMENT FACILITATION TEAM (DFT). THE SCOPE OF THIS SUBMITTAL INCLUDES THE SITE PREPARATION, BASIC UTILITIES AND SEVERAL NEW DETACHED BUILDINGS. THE PROPOSED BUILDINGS ARE AN EXPANSION TO THE EXISTING KAIROS POWER CAMPUS AND ARE TO BE USED FOR LIGHT MANUFACTURING.

THESE NEW BUILDINGS SUPPORT THE EXISTING MANUFACTURING IN THE EXISTING BUILDINGS. IN ADDITION TO BUILDINGS THERE SHALL BE EQUIPMENT, PIPING AND TANKS SIMILAR TO THOSE LOCATED SOUTH OF THE EXISTING TDL BUILDING. THIS PRODUCTION AREA IS REFERRED TO AS THE SALT PRODUCTION FACILITY (SPF).

APPROXIMATELY 12 METAL BUILDINGS WILL BE CONSTRUCTED TO SUPPORT SALT PRODUCTION. THE PRE-ENGINEERED METAL BUILDINGS WILL HOUSE THE MANUFACTURING PROCESS. PIPE STANDS AND TANKS WILL BE LOCATED AROUND THESE BUILDINGS TO TRANSFER MATERIALS BETWEEN THE BUILDINGS DURING THE PROCESS. EQUIPMENT PADS THAT SUPPORT VARIOUS TANKS AND THE PROCESS EQUIPMENT WILL BE LOCATED SEVERAL HUNDRED FEET FROM THE SOUTH PROPERTY LINE.

THE STORM WATER SWALE WILL BE RECONFIGURED TO ACCOMMODATE THIS DEVELOPMENT. THE SITE ACCESS ON THE WEST END OF THE SITE WILL BE CONNECTED TO THE REST OF THE CIRCULATION SYSTEM.



ENLARGED SITE PLAN
SCALE: 1" = 40'

Greenbox Architecture

Kairos Power

STATE OF NEW MEXICO
DEREK METSON
REGISTERED ARCHITECT
12/31/2025

**KAIROS POWER FACILITY
SALT PLANT EXPANSION**

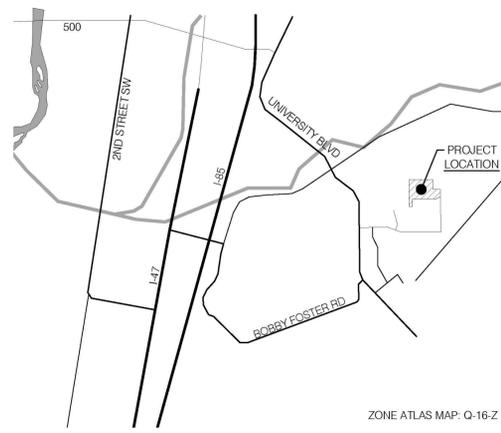
NOT FOR CONSTRUCTION

PRELIMINARY SITE PLAN

PROJECT NO.: 8003-22
DRAWN BY:
DATE: JULY 12, 2025

A-100

LAND USE REVIEW



VICINITY MAP
SCALE: 1" = 4,000'-0"

PARKING AND TRAFFIC:

REQUIRED PARKING SPACES PER IDO TABLE 5-5-1:

USE	PARKING REQUIREMENT	TOTAL BUILDING SQ.FT.	REQUIRED PARKING
INDUSTRIAL			
SPECIAL MANUFACTURING (EXISTING BUILDING)	1 SPACE / 1,000 SF GFA	168,288	168 SPACES*
LIGHT MANUFACTURING (MS & TDL FACILITIES)	1 SPACE / 1,000 SF GFA	91,100 TOTAL	91 SPACES*
OFFICES & SERVICES			
OFFICE (MODULAR OFFICE)	3.5 SPACES / 1,000 SF GFA	8,264	28 SPACES*
TOTAL REQUIRED (INCLUDING ACCESSIBLE SPACES)			287 SPACES

REQUIRED ACCESSIBLE PARKING SPACES PER 2015 NMCBC TABLE 1106.1:
101-300 TOTAL PARKING SPACES = 8 ACCESSIBLE SPACES (2 VAN ACCESSIBLE)

REQUIRED MOTORCYCLE PARKING SPACES PER IDO TABLE 5-5-4:
151-300 REQUIRED OFF-STREET VEHICLE PARKING SPACES = 5 SPACES

REQUIRED BICYCLE PARKING SPACES PER IDO TABLE 5-5-5:
NON-RESIDENTIAL USES NOT LISTED IN TABLE
10% OF REQUIRED OFF-STREET PARKING 287 X 0.10 = 29

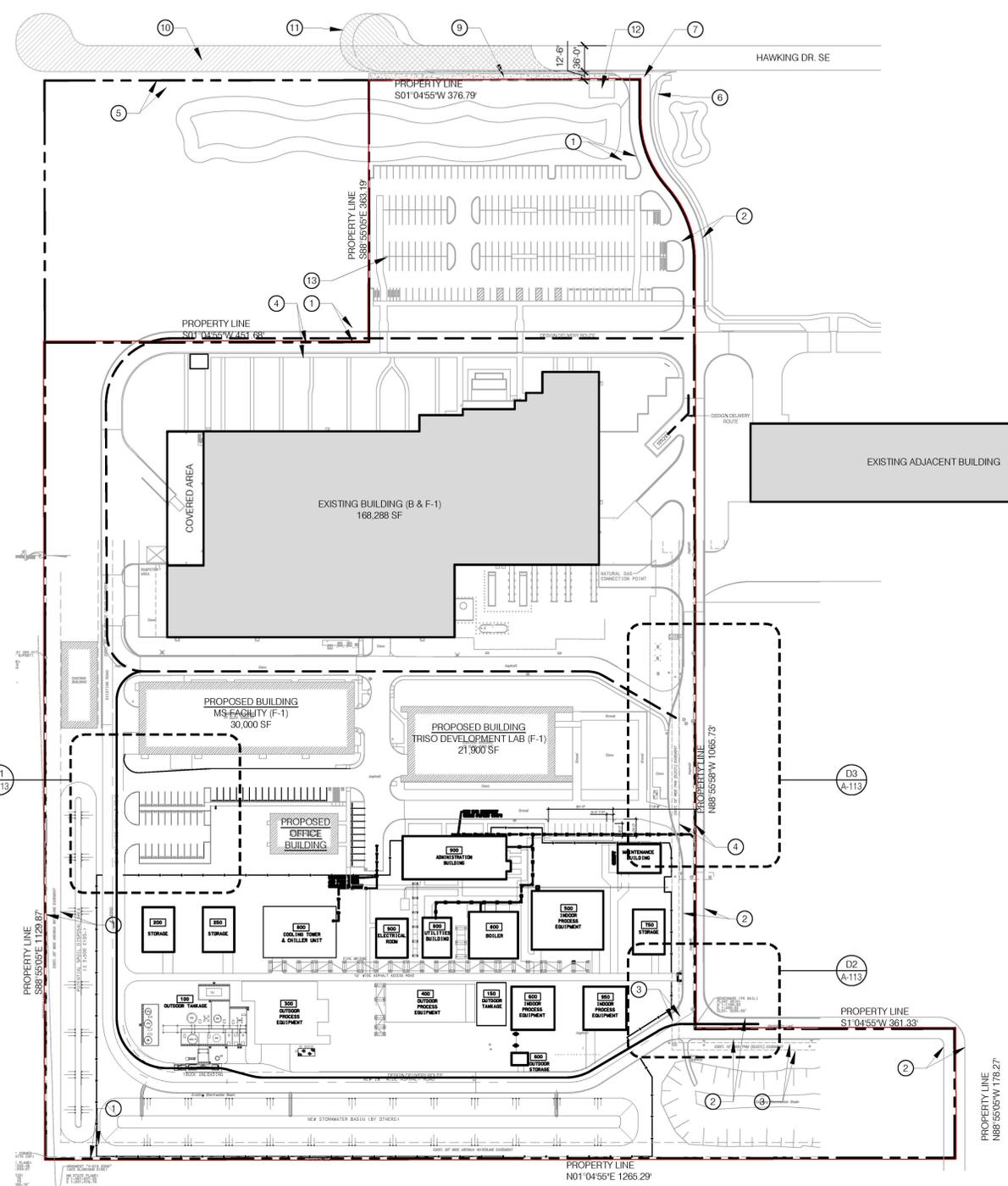
REQUIRED VS PROVIDED PARKING SPACES:

	REQUIRED:	PROVIDED:
TOTAL SPACES	287	223 + 40 NEW + 48 HOV** + 14VP*** = 325
HOV SPACES	0	12
VANPOOL PARKING	0	2
ACCESSIBLE PARKING	8 TOTAL / 2 VAN	12 TOTAL / 6 VAN
MOTORCYCLE SPACES	5	12
BIKE PARKING	24	24 (8 NEW)

PARKING STALL SIZING AND REQUIREMENTS
NEW AND EXISTING PARKING STALL SIZING:

TYPE OF PARKING	MIN. WIDTH	MIN. LENGTH	MIN. OVERHANG
STANDARD/HOV	8.5'	18'	2'
COMPACT	7.5'	15'	1.5'
MOTORCYCLE	4'	8'	N/A
ADA	8.5'	18'	2'
ADA ACCESS AISLE	8'	18'	N/A

* PARKING CALCULATIONS ARE ROUNDED DOWN TO THE NEAREST WHOLE NUMBER PER IDO SECTION 5-5(C)(1)(D)
** 12 SPACES X 4 CARPOOL CREDIT PER IDO SECTION 5-5(C)(6)(B) = 48 SPACES TOWARD THE REQUIRED OFF-STREET PARKING REQUIREMENT



D2 SITE PLAN
SCALE: 1" = 100'

KEYED NOTES:

- EXISTING 20' WATERLINE EASEMENT
- EXISTING 30' PRIVATE ACCESS EASEMENT
- 10' EXISTING PNM EASEMENT
- EXISTING 20' PERMANENT PRIVATE UTILITY EASEMENT
- EXISTING 10' PUBLIC UTILITY EASEMENT
- EXISTING 6' SIDEWALK FROM RIGHT OF WAY TO THE PRIMARY BUILDING
- EXISTING SITE ACCESS, SHARED WITH NEIGHBORING PROPERTY
- NOT USED
- NEW 10' WIDE CONCRETE SIDEWALK PER EXISTING INFRASTRUCTURE AGREEMENT FROM DRB
- PROJECT # 2020-004448. IMPROVEMENTS ARE PENDING THE COMPLETION OF A SEPARATE PAVING AND UTILITY PROJECT ALONG HAWKING DRIVE BY GOLD MESA INVESTMENT, LLC (PROJECT # PR-2019-001971). THESE IMPROVEMENTS ARE NOT INCLUDED IN THE SCOPE OF THIS SUBMITTAL. SIDEWALK MAY BE PLACED AT THE PROPERTY LINE
- PUBLIC ROADWAY IMPROVEMENTS BY ADJACENT DEVELOPER TO INCLUDE *PAVED ROADWAY, STRIPING, CURB AND GUTTER, STREETLIGHTS (1/2 STREET IMPROVEMENT IMPROVEMENT - APPROX 780 LF) TO INCLUDE A TEMPORARY TURN AROUND WITHIN R.O.W.* PER PROJECT NUMBERS PR-2019-001971 AND SD-2019-00012,00019
- PUBLIC ROADWAY IMPROVEMENTS BY KAIROS POWER TO INCLUDE *PAVED ROADWAY, STRIPING, CURB AND GUTTER (1/2 STREET IMPROVEMENT IMPROVEMENT - APPROX 350 LF) TO INCLUDE A TEMPORARY TURN AROUND WITHIN R.O.W.* PER PROJECT NUMBERS PR-2020-004448 & SI-2023-00132
- PROPOSED WATER METER VAULT WITHIN 25X35' EASEMENT. FINAL LOCATION TO BE DETERMINED AND EASEMENT GRANTED AS PART OF A FUTURE ABCOWIA CONNECTION PERMIT
- 2 NEW VAN POOL PARKING SPACES
- GRAVEL PARKING, SEE DETAIL D1/ A-113

GENERAL NOTES:

- NO VARIANCES ARE PROPOSED, OR NECESSARY TO IMPLEMENT THIS PLAN.
- NO ACCESS EASEMENTS ARE PROPOSED WITHIN THE SCOPE OF THIS PROJECT.
- THE PROPOSED CONSTRUCTION WILL BE COMPLETED IN A ONE PHASE.
- PROPOSED BUILDINGS ARE TO BE USED FOR INDUSTRIAL MANUFACTURING OR OFFICE USES.
- ACCESS EASEMENTS ARE NOT PROPOSED WITHIN THE SCOPE OF THIS TRAFFIC CIRCULATION LAYOUT.
- ROADS ADJACENT TO THE SITE ARE PRIVATE WAYS, EXCEPT FOR THE CITY STREET - HAWKING DRIVE SE.
- MAXIMUM GRADES SHOULD NOT EXCEED 8% IN PARKING AREAS. FOR MAJOR CIRCULATION AISLES AND ADJACENT TO MAJOR PEDESTRIAN ENTRANCES, THE GRADES SHOULD BE KEPT TO 6% OR LESS. HANDICAP ACCESS TO BUILDINGS NEEDS TO BE MAINTAINED. CONTACT CITY ZONING FOR DETAILS.
- A NEW REFUSE FACILITY IS NOT INCLUDED IN THE SCOPE OF THIS PROJECT. PROPOSED BUILDINGS WILL UTILIZE THE EXISTING REFUSE FACILITY.
- OFF-SITE RIGHT-OF-WAY IMPROVEMENTS, EASEMENTS, OR HANDICAP RAMPS ARE NOT PROPOSED WITH THIS TRAFFIC CIRCULATION LAYOUT.
- HAWKING DRIVE SE IS CLASSIFIED AS A LOCAL URBAN STREET AND DOES NOT HAVE ACCESS POINT LANES OR QUEUING REQUIREMENTS. HOWEVER, THE EXISTING PARKING AREA IS ACCESSED NEARLY 150' FROM HAWKING DRIVE.
- NO DRIVE THROUGH FACILITIES ARE PROPOSED IN THIS PROJECT.
- ALL ACCESS AISLE AND ROAD DIMENSIONS EXCLUDE CURBS UNLESS OTHERWISE NOTED.

GENERAL INFORMATION:

SEE SHEET A-100

PLANNING HISTORY:

- MASTER PLAN
PLANNED COMMUNITY (PC) ZONE: MESA DEL SOL - EMPLOYMENT CENTER AS ESTABLISHED IN THE MESA DEL SOL LEVEL B PLAN
- SUBDIVISIONS
2017 CURRENT PROPERTY BOUNDARIES ESTABLISHED IN SUBDIVISION OF TRACT D. PROJECT NUMBER 1006201, APPLICATION NUMBER 17DRB-70318
- 2023 CONSOLIDATION OF TRACTS D-1 AND D-3 (D-1-A) FOR EXPANSION OF KAIROS POWER CAMPUS. APPROVED PER DHO AGENDA (2023 02 08) AND AWAITING NOTICE OF DECISION AND SIGNATURES. PROJECT NUMBER PR-2020-004448, APPLICATION NUMBER SD-2023-00029
- SITE PLANS
2009 ADMINISTRATIVE AMENDMENT FOR 'REVISED LANDSCAPING AND SOLAR TOWERS REMOVED' FOR THE EXISTING BUILDING (PREVIOUSLY SCOTT SOLAR BUILDING). NO EARLIER SITE PLAN REVIEW INFORMATION AVAILABLE. PROJECT NUMBER 1006201, APPLICATION NUMBER 09AA-10019
- 2020 MAJOR AMENDMENT TO SITE PLAN FOR 40,000 SF BUILDING ADDITION. PROJECT NUMBER PR-2020-004448, APPLICATION NUMBER SI-2020-00964
- 2023 SITE PLAN ADMINISTRATIVE DFT FOR THREE NEW BUILDINGS, IN PROGRESS. PROJECT NUMBER PR-2020-004448, APPLICATION NUMBER SI-2023-00132

EXECUTIVE SUMMARY:

THE PROPOSED DEVELOPMENT FOR KAIROS POWER INVOLVES TWO LAND USE REVIEWS. THE INFORMATION AND DRAWINGS INCLUDED IN THIS SUBMITTAL PACKAGE HAVE BEEN PROVIDED FOR A SITE PLAN, MAJOR AMENDMENT, REVIEW BY THE DEVELOPMENT FACILITATION TEAM (DFT). THE SCOPE OF THIS SUBMITTAL INCLUDES THE SITE PREPARATION, BASIC UTILITIES AND SEVERAL NEW DETACHED BUILDINGS. THE PROPOSED BUILDINGS ARE AN EXPANSION TO THE EXISTING KAIROS POWER CAMPUS AND ARE TO BE USED FOR LIGHT MANUFACTURING.

THESE NEW BUILDINGS SUPPORT THE EXISTING MANUFACTURING IN THE EXISTING BUILDINGS. IN ADDITION TO BUILDINGS THERE SHALL BE EQUIPMENT, PIPING AND TANKS SIMILAR TO THOSE LOCATED SOUTH OF THE EXISTING TDL BUILDING. THIS PRODUCTION AREA IS REFERRED TO AS THE SALT PRODUCTION FACILITY (SPF).

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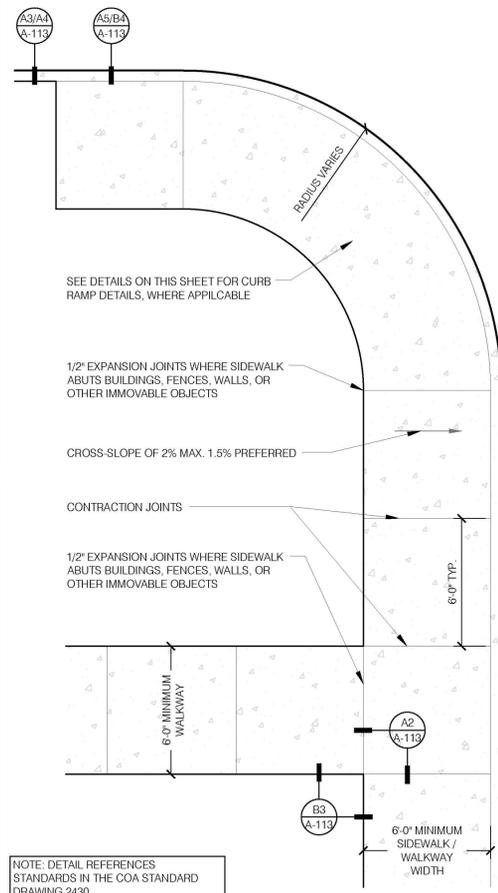
THE STORM WATER SWALE WILL BE RECONFIGURED TO ACCOMMODATE THIS DEVELOPMENT. THE SITE ACCESS ON THE WEST END OF THE SITE WILL BE CONNECTED TO THE REST OF THE CIRCULATION SYSTEM.

A

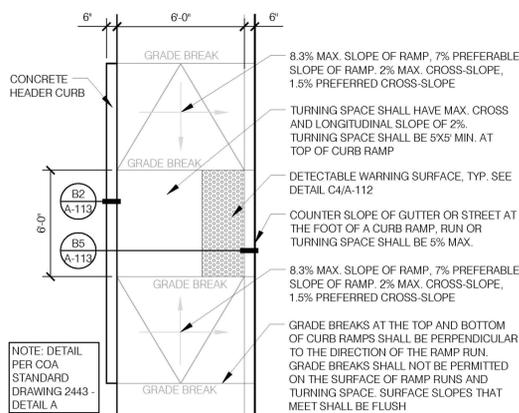
B

C

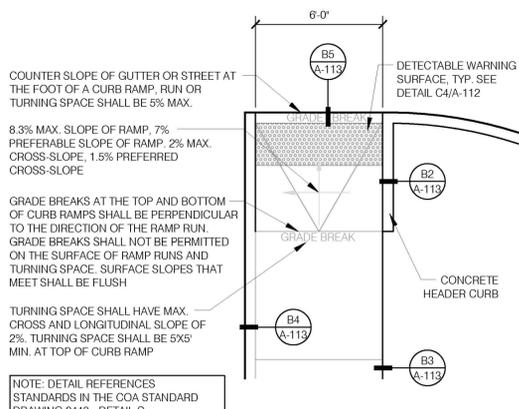
D



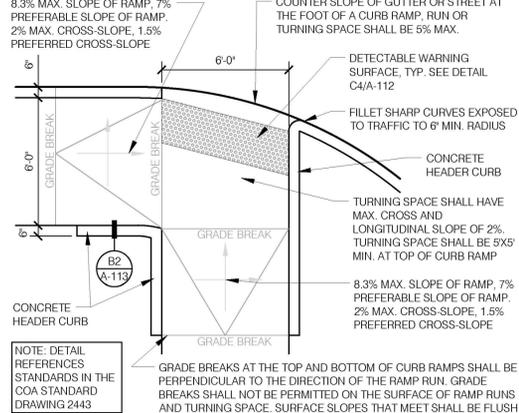
D1
A-112
CURB TYPE SIDEWALK
SCALE: 1" = 1/4"



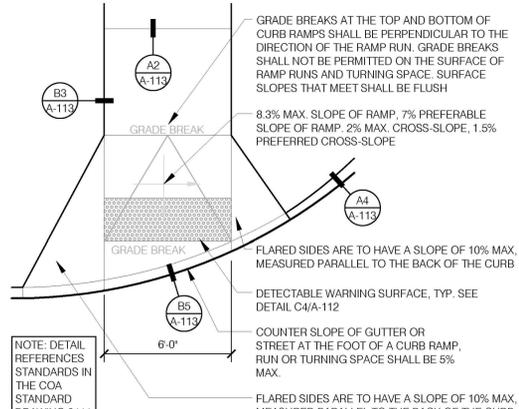
C2
A-112
PARALLEL CURB RAMP
SCALE: 1" = 1/4"



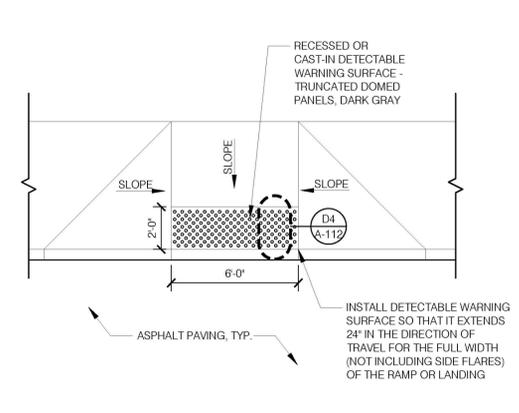
D2
A-112
PERPENDICULAR CURB RAMP
SCALE: 1" = 1/4"



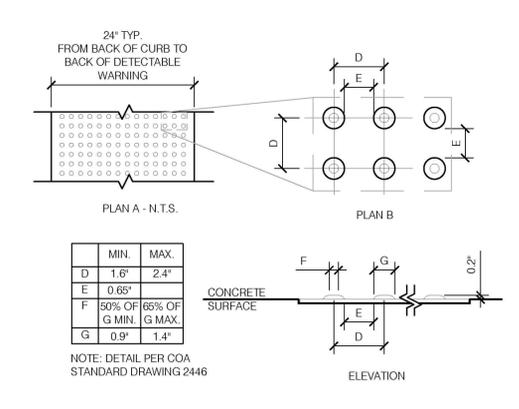
C3
A-112
PAIRED CURB RAMPS - COMMON LANDING
SCALE: 1" = 1/4"



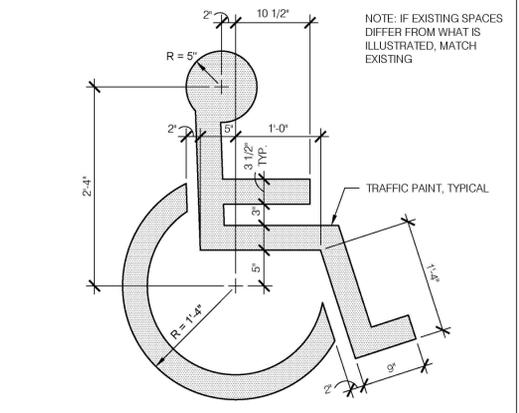
D3
A-112
CURB RAMP WITH FLARED SIDES
SCALE: 1" = 1/4"



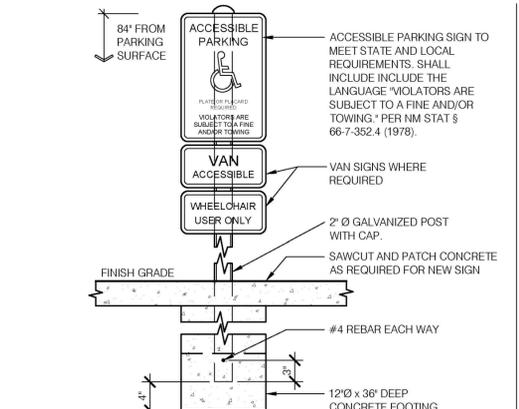
C4
A-112
TRUNCATED DOMES - TYPICAL
SCALE: 1" = 1/4"



D4
A-112
TRUNCATED DOME DETAIL
SCALE: 1" = 3"



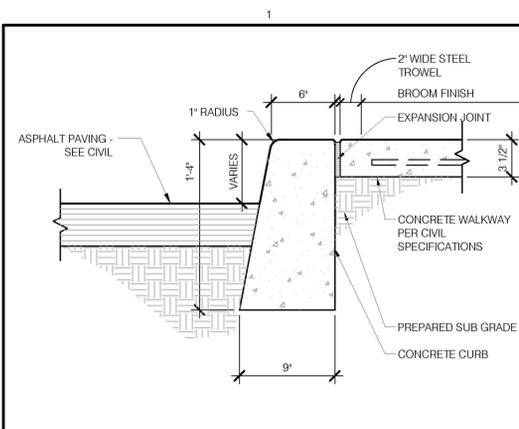
C5
A-112
DETAIL- PAINTED HANDICAP PARKING SYM.
1" = 1'-0"



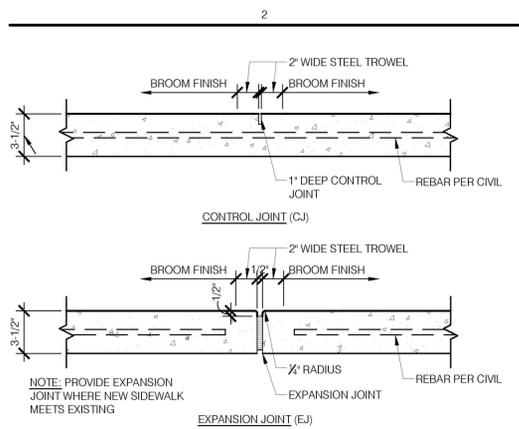
D5
A-112
DETAIL- HANDICAP PARKING SIGN
1" = 1'-0"

SITE PLAN ADMINISTRATIVE - DFT LAND USE REVIEW

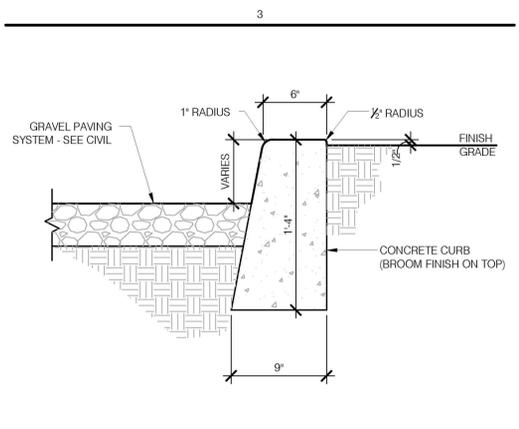
TR D-1 PLAT OF TRACTS D-1 THRU D-7, MESA DEL SOL INNOVATION PARK II (A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATION PARK II) CONT 16.4181 AC



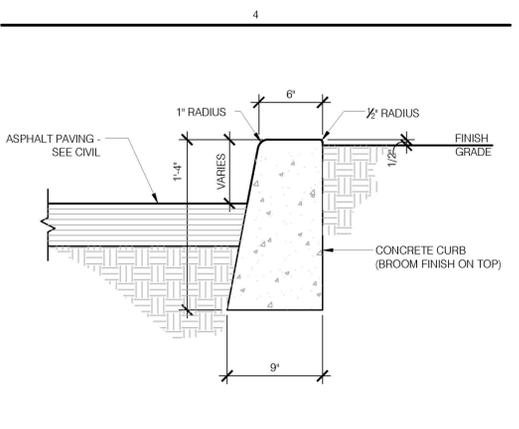
A1
A-113
DETAIL - ASPHALT - CURB AT SIDEWALK
1 1/2"=1'-0"



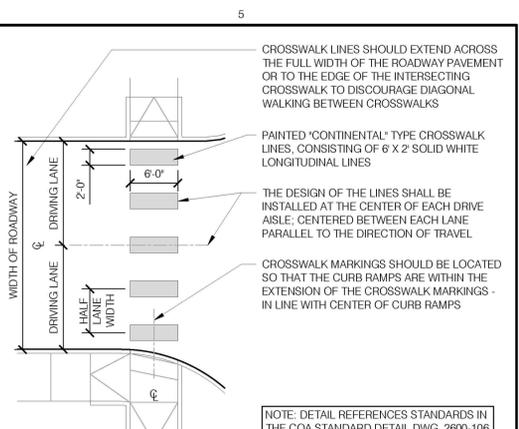
A2
A-113
DETAIL - EXPANSION & CONTROL JOINT
1 1/2"=1'-0"



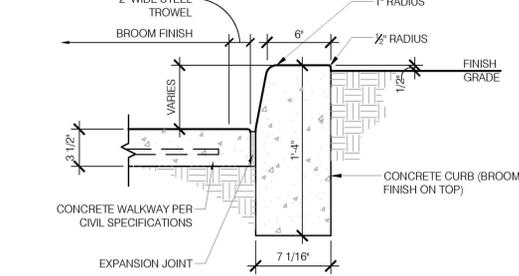
A3
A-113
DETAIL - GRAVEL - CURB AT LANDSCAPE
1 1/2"=1'-0"



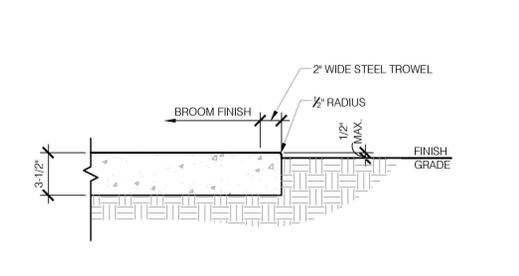
A4
A-113
DETAIL - ASPHALT - CURB AT LANDSCAPE
1 1/2"=1'-0"



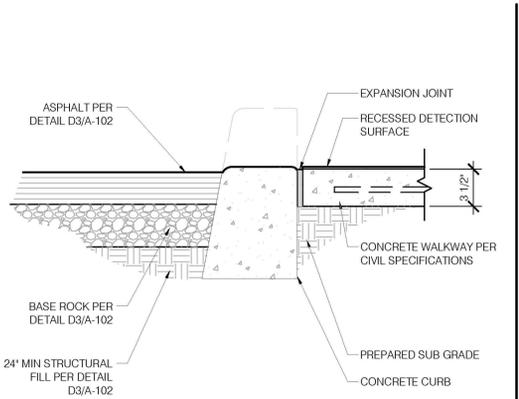
A5
A-113
DETAIL - CROSSWALK MARKINGS
SCALE: 1" = 3/32"



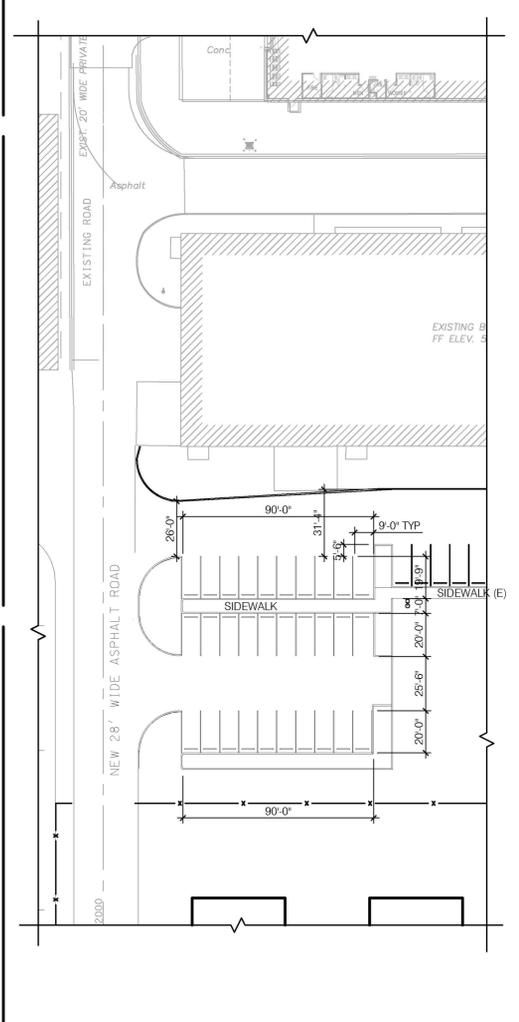
B2
A-113
DETAIL - HEADER CURB
1 1/2"=1'-0"



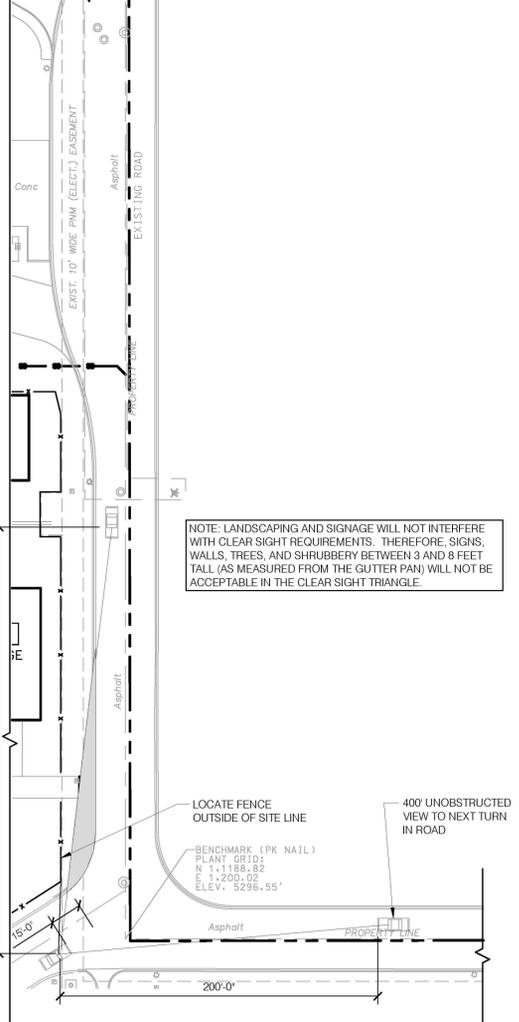
B3
A-113
DETAIL - EDGE OF SIDEWALK AT GRADE
1 1/2"=1'-0"



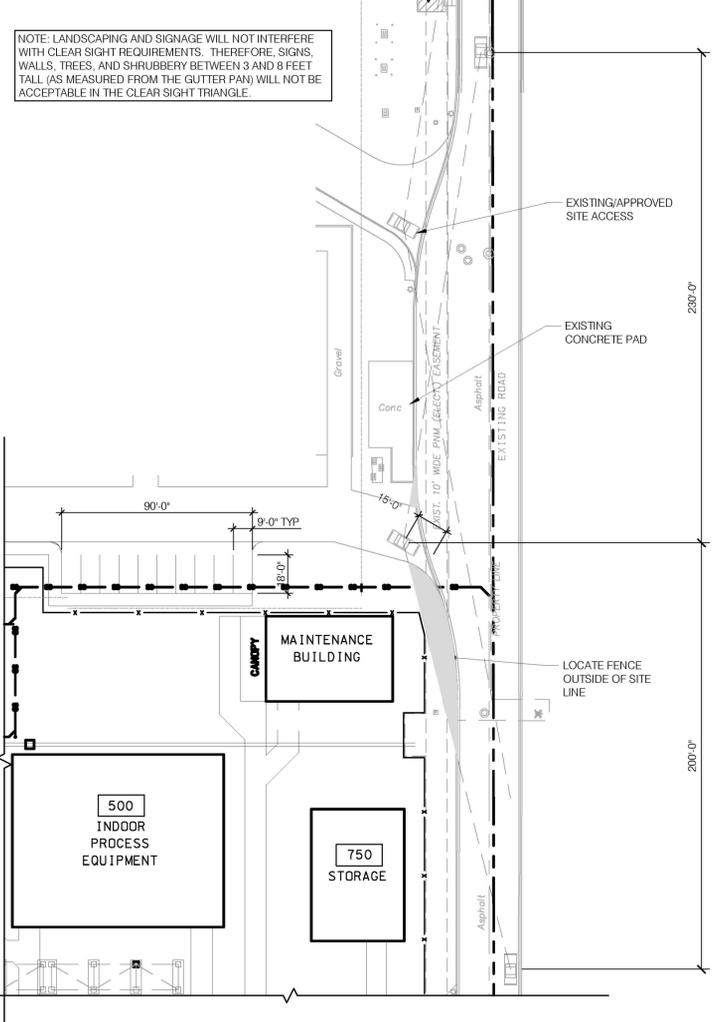
B5
A-113
DETAIL - ASPHALT - CURB RAMP
1 1/2"=1'-0"



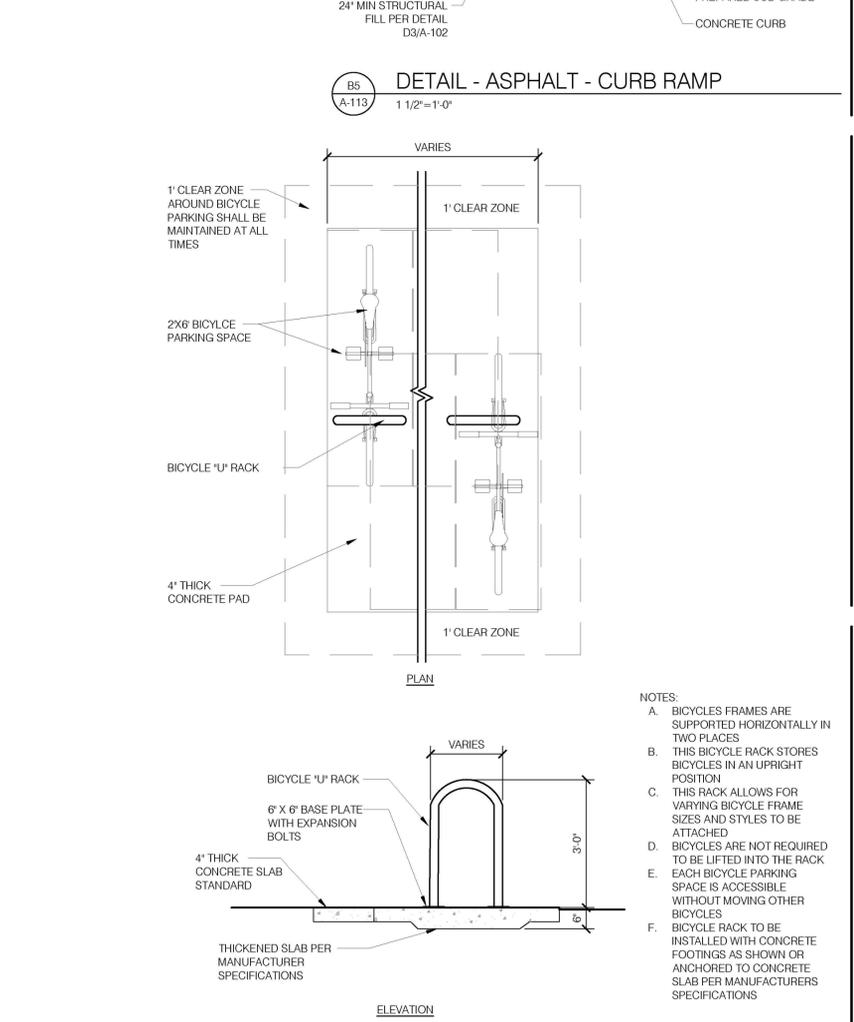
D1
A-113
NORTH PARKING
SCALE: 1" = 40'



D2
A-113
CLEAR SIGHT TRIANGLE - SOUTH
SCALE: 1" = 40'



D3
A-113
CLEAR SIGHT TRIANGLE - SOUTH OF PROPOSED BUILDING
SCALE: 1" = 40'



D4
A-113
BICYCLE RACK DETAIL
SCALE: 1/2" = 1"

Greenbox Architecture
802 SEVENTH STREET, SUITE 203
OREGON CITY, OREGON 97048

Kairos Power

2024.09.19

STATE OF NEW MEXICO
DEREK METSON
NOV 6 2006
REGISTERED ARCHITECT
EXP: 12/31/2025

**KAIROIS POWER FACILITY
SALT PLANT EXPANSION**
NOT FOR CONSTRUCTION

SITE PLAN DETAILS

PROJECT NO.: 8003-22
DRAWN BY:
DATE: JULY 10, 2025

A-113

SITE PLAN ADMINISTRATIVE - DFT LAND USE REVIEW

650 HAWKING DRIVE SE, ALBUQUERQUE, NM 87108
TR D-1 PLAT OF TRACTS D-1 THRU D-7, MESA DEL SOL INNOVATION PARK II (A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATION PARK II) CONT 18.481 AC

LEGEND LANDSCAPED AREA

-  EXISTING ESTABLISHED LANDSCAPE AREAS TO REMAIN. 171,058 SQ. FT
-  EXISTING RE-SEEDING AREAS TO REMAIN. 64,106 SQ. FT
-  EXISTING NATIVE AREAS TO REMAIN. 154,185 SQ. FT
-  NEW RE-SEEDING 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 BUILDOLGY (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.

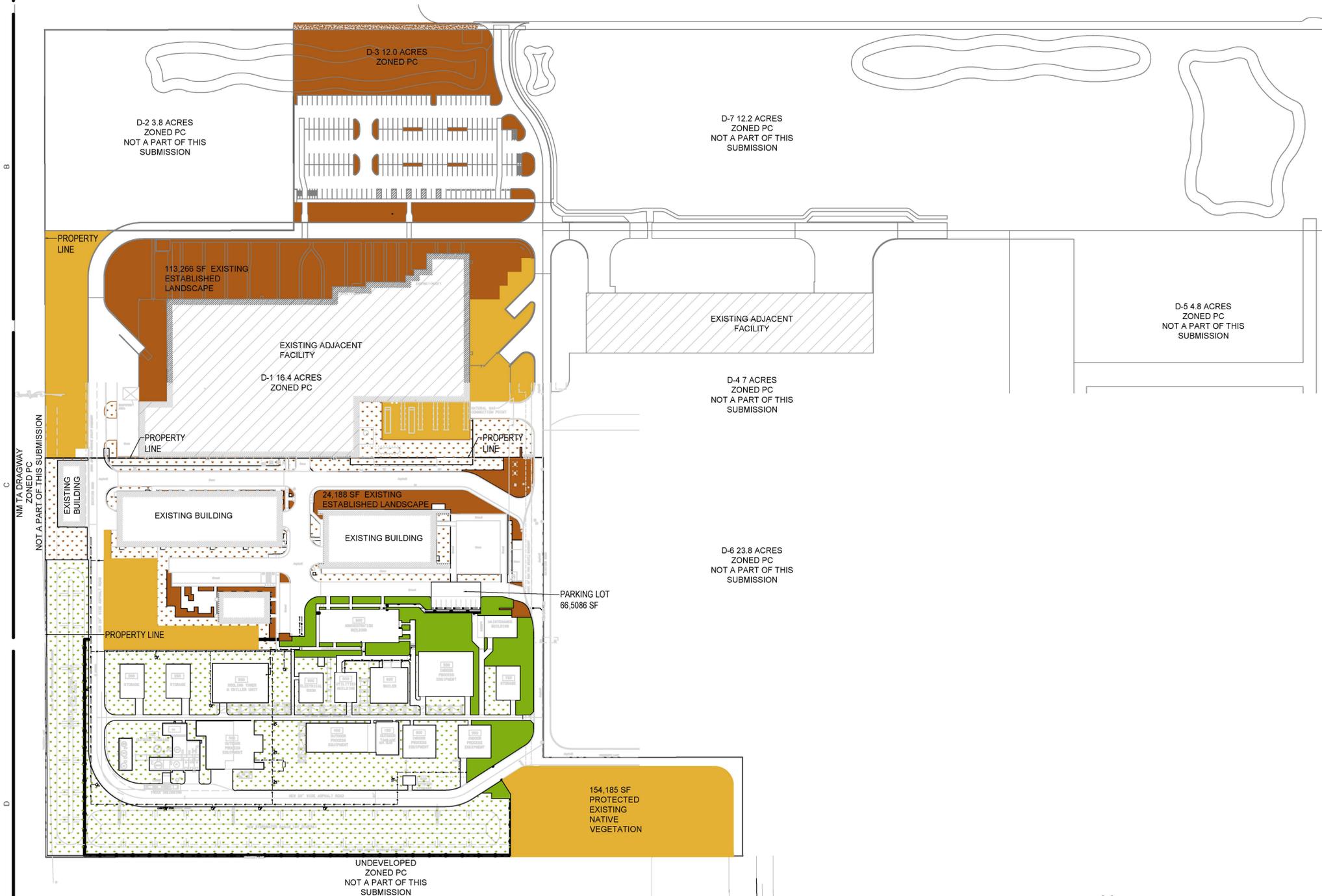
LANDSCAPE AREAS ADJACENT TO THE PUBLIC SIDEWALK SHALL BE DEPRESSED BIOSWALES AT 12"-16" BELOW ADJACENT GRADE FOR STORMWATER CATCHMENT.

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

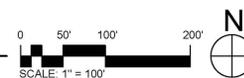
PLAN MEETS IDO 5-11(E)(3) REQUIREMENT TO PROVIDE AT LEAST ONE OUTDOOR SEATING AREA THAT IS A MINIMUM OF 500 S.F.

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"



LAND USE REVIEW

Greenbox Architecture
 602 SEVENTH STREET, SUITE 208
 OREGON CITY, OREGON 97045

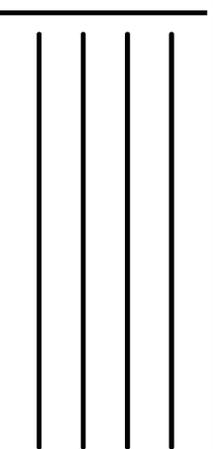
Kairos Power

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 E: SMALL@KAIROSPOWER.COM
 WEB: WWW.KAIROSPOWER.COM

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KAIROS POWER SALT FACILITY



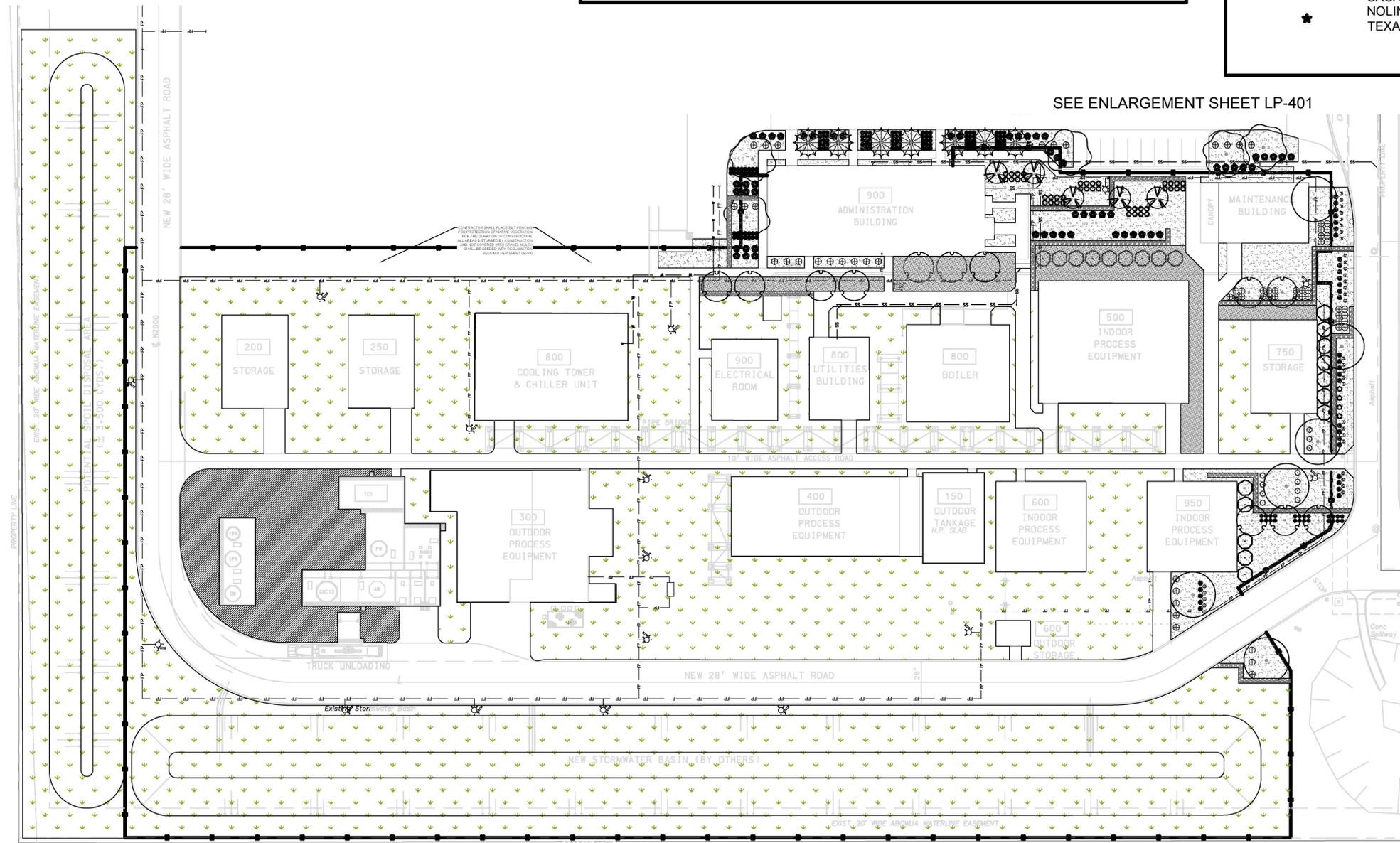
PROJECT NO.: 8000-22
 DRAWN BY:
 DATE: SEPTEMBER 1, 2024

LANDSCAPE CALCULATIONS
LP-100

LEGEND		QTY
	1" ANGULAR GRAVEL MULCH. 4" DEPTH. COLOR: AMARETTO BROWN, WITH DEWITT PRO-5 FILTER FABRIC.	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
	PERIPLUCA 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
	CHILOPSIS 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

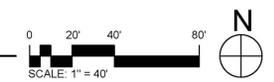
SYMBOL	BOTANICAL / COMMON NAME	HT. & SPR.	SIZE	QTY
SHRUBS				
	ARTEMISIA FILIFOLIA	3' X 4'	5 GAL.	57
	SAND SAGEBRUSH			
	CERCOCARPUS LEDIFOLIUS	12' X 10'	5 GAL.	22
	CURL-LEAF MOUNTAIN MAHOGANY			
	CHAMAEBATIARIA MILLEFOLIUM	5' X 5'	5 GAL.	1
	FERNBUSH			
	FALLOPIJA AUBERTII			
	SILVER LACE VINE	5 LBS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



Greenbox Architecture
602 SEVENTH STREET, SUITE 208
OREGON CITY, OREGON 97046

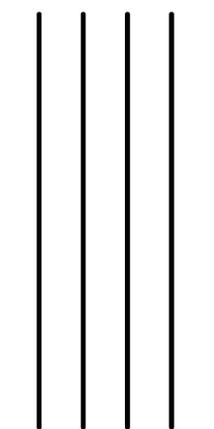
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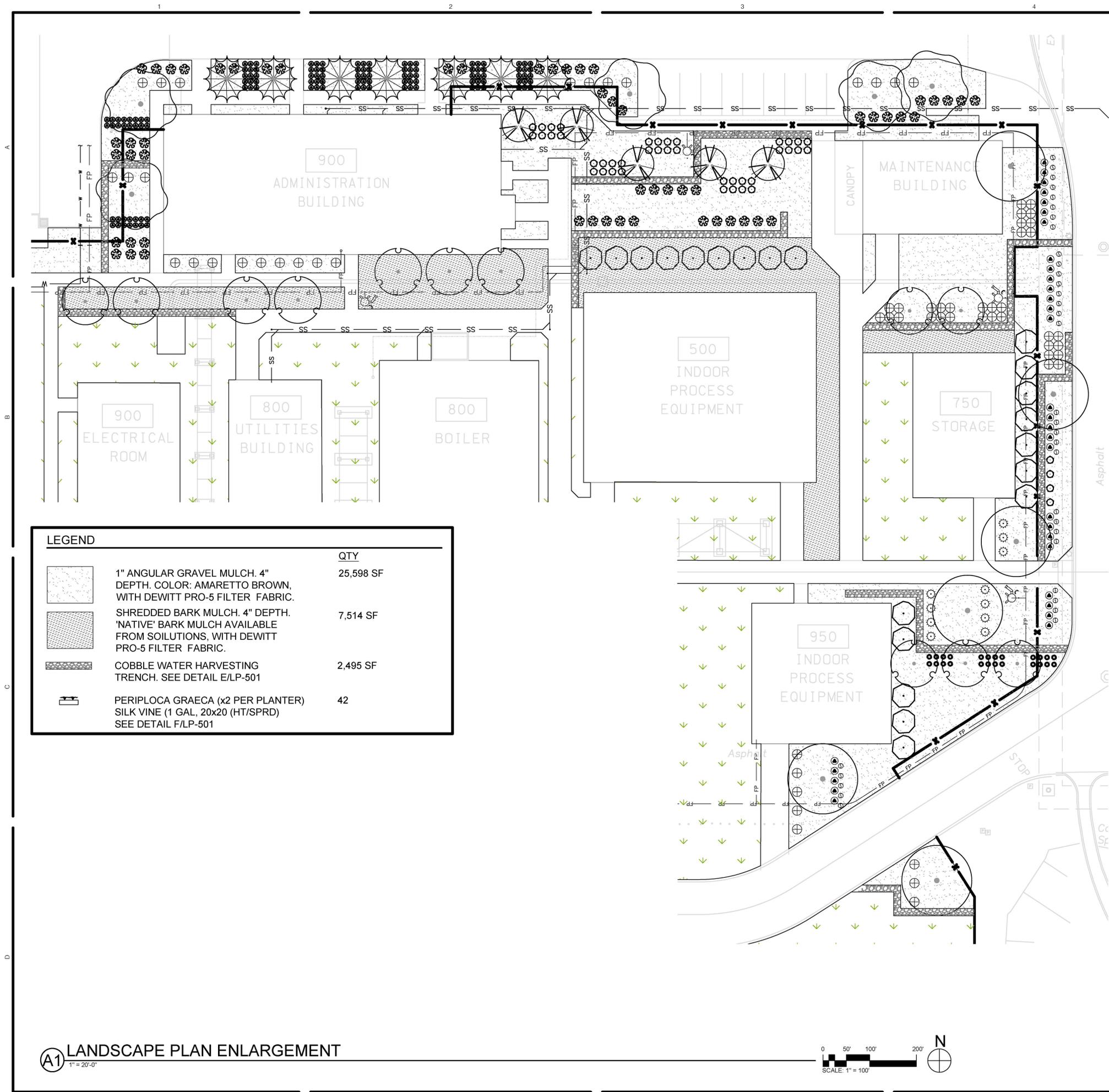
KAIROIS POWER SALT FACILITY



PROJECT NO.: 8000-22
DRAWN BY:
DATE: SEPTEMBER 1, 2024

LANDSCAPE PLANTING PLAN
LP-101

LAND USE REVIEW



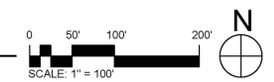
PLANT SCHEDULE

SYMBOL	BOTANICAL / COMMON NAME	HT. & SPD.
TREES		
	CELTIS LAEVIGATA RETICULATA NETLEAF HACKBERRY	25' X 25'
	CHILOPSIS LINEARIS DESERT WILLOW	20' X 20'
	JUNIPERUS SCOPULORUM ROCKY MOUNTAIN JUNIPER	30' X 20'
	SAPINDUS DRUMMONDII WESTERN SOAPBERRY	25' X 30'
	VITEX AGNUS-CASTUS CHASTE TREE	15' X 15'
SHRUBS		
	ARTEMISIA FILIFOLIA SAND SAGEBRUSH	3' X 4'
	CERCOCARPUS LEDIFOLIUS CURL-LEAF MOUNTAIN MAHOGANY	12' X 10'
	CHAMAEBATIARIA MILLEFOLIUM FERNBUSH	5' X 5'
	FALLOPIA AUBERTII SILVER LACE VINE	5 LBS
	PENSTEMON PINIFOLIUS PINELEAF PENSTEMON	1' X 2'
	POTENTILLA FRUTICOSA 'GOLDFINGER'	3' X 3'
	GOLDFINGER BUSH CINQUEFOIL SALVIA DORRII	2' X 3'
	DESERT SAGE TEUCRIUM CHAMAEDRYS	1' X 2'
	GERMANDER	
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'

MATCHLINE - SEE SHEET LP-102

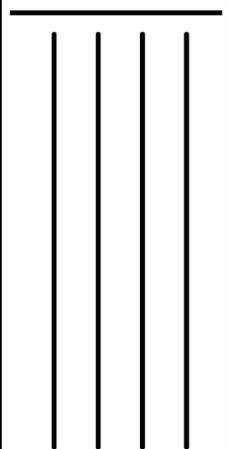
	QTY
1" ANGULAR GRAVEL MULCH. 4" DEPTH. COLOR: AMARETTO BROWN, WITH DEWITT PRO-5 FILTER FABRIC.	25,598 SF
SHREDDED BARK MULCH. 4" DEPTH. 'NATIVE' BARK MULCH AVAILABLE FROM SOILUTIONS. WITH DEWITT PRO-5 FILTER FABRIC.	7,514 SF
COBBLE WATER HARVESTING TRENCH. SEE DETAIL E/LP-501	2,495 SF
PERIPLUCA GRAECA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

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



NOT FOR CONSTRUCTION

KAIROS POWER SALT FACILITY



PROJECT NO.: 8000-22
DRAWN BY:
DATE: SEPTEMBER 1, 2024

LANDSCAPE PLAN ENLARGEMENT LP-401

LAND USE REVIEW

KAIROS POWER EMPLOYEE PATIO

5201 Hawking Dr SE
ALBUQUERQUE, NM 87106

JULY 12, 2024

100% CONSTRUCTION DOCUMENTS

- 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, P.L.A., A.S.L.A.
LIDRISS@PLANDCOLLAB.COM

OWNER:
KAIROS POWER

5201 HAWKING DR SE,
ALBUQUERQUE, NM 87106
505-431-1255 PH
ATTN: RHONDA REYNOLDS
REYNOLDS@KAIROSPower.COM

VICINITY MAP



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
DRAWN BY CE-FB

SHEET TITLE

**COVER
SHEET**

SHEET NUMBER
G001

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 CE

SHEET TITLE

DEMOLITION PLAN

SHEET NUMBER

LD101

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

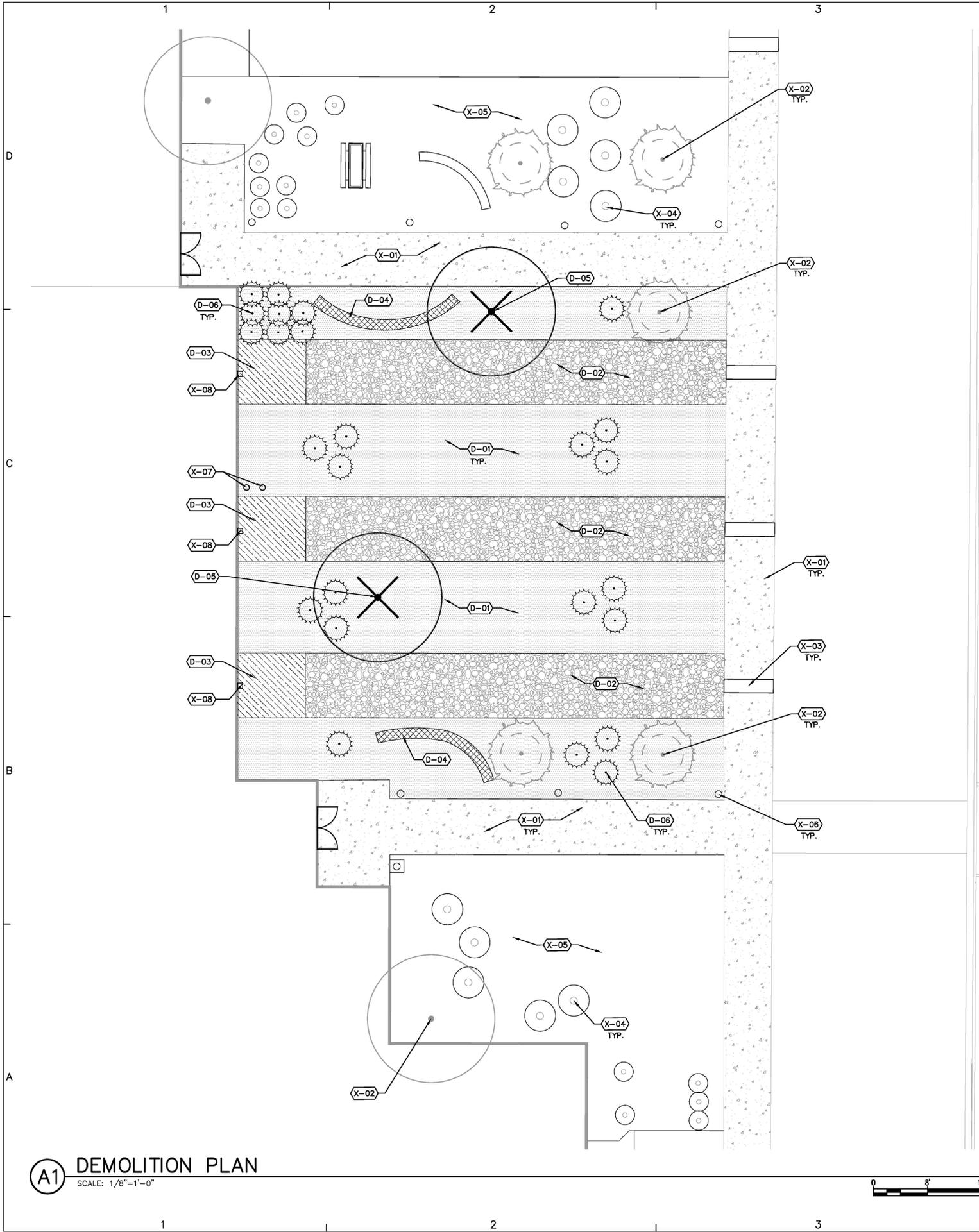
CODE	DESCRIPTION
TP-01	CONTRACTOR SHALL ESTABLISH A ROOT PROTECTION ZONE AROUND EACH EXISTING TREE TO REMAIN. THE ROOT PROTECTION ZONE SHALL BE AN AREA DEFINED BY A RADIUS EXTENDING OUTWARD FROM THE TRUNK OF THE TREE A DISTANCE OF ONE LINEAR FEET FOR EACH INCH DIAMETER OF THE TREE. THE TREE DIAMETER 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 DRIFLINE OF EXISTING TREES. AT LOCATIONS WHERE IT IS NECESSARY TO INSTALL LINES OR WIRE WITHIN THE DRIFLINE 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

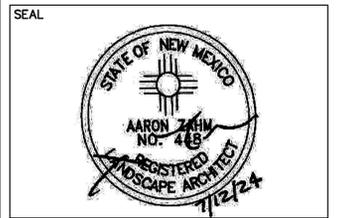
CODE	DESCRIPTION
X-01	EXISTING SIDEWALK TO REMAIN.
X-02	EXISTING TREE TO REMAIN. SEE TREE PROTECTION NOTES.
X-03	EXISTING SIDEWALK CULVERT TO REMAIN.
X-04	EXISTING SHRUB TO REMAIN.
X-05	EXISTING LANDSCAPE MULCH TO REMAIN.
X-06	EXISTING BOLLARD LIGHT TO REMAIN.
X-07	EXISTING SEWER CLEANOUT. ADJUST TO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



A1 DEMOLITION PLAN
SCALE: 1/8"=1'-0"



CONSULTANTS



PROJECT NAME AND ADDRESS

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

DATE SUBMITTAL: JULY 12, 2024
100% CONSTRUCTION DOCUMENTS

REVISIONS		
NO.	DATE	DESCRIPTION

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

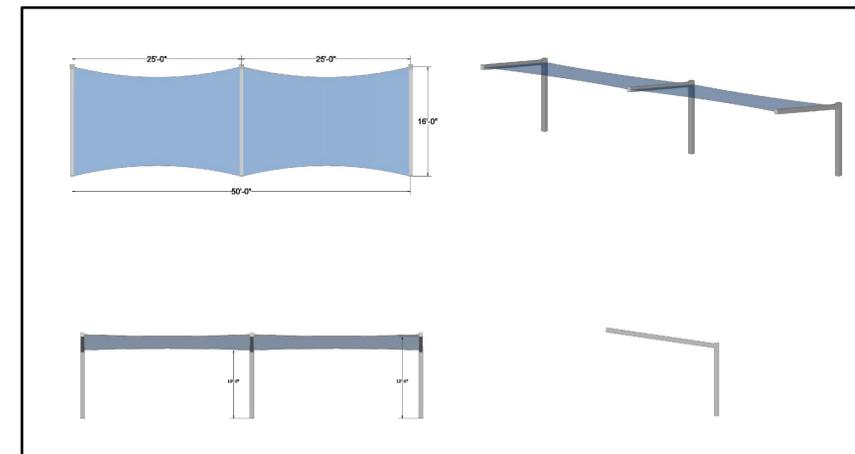
SHEET TITLE

SITE PLAN

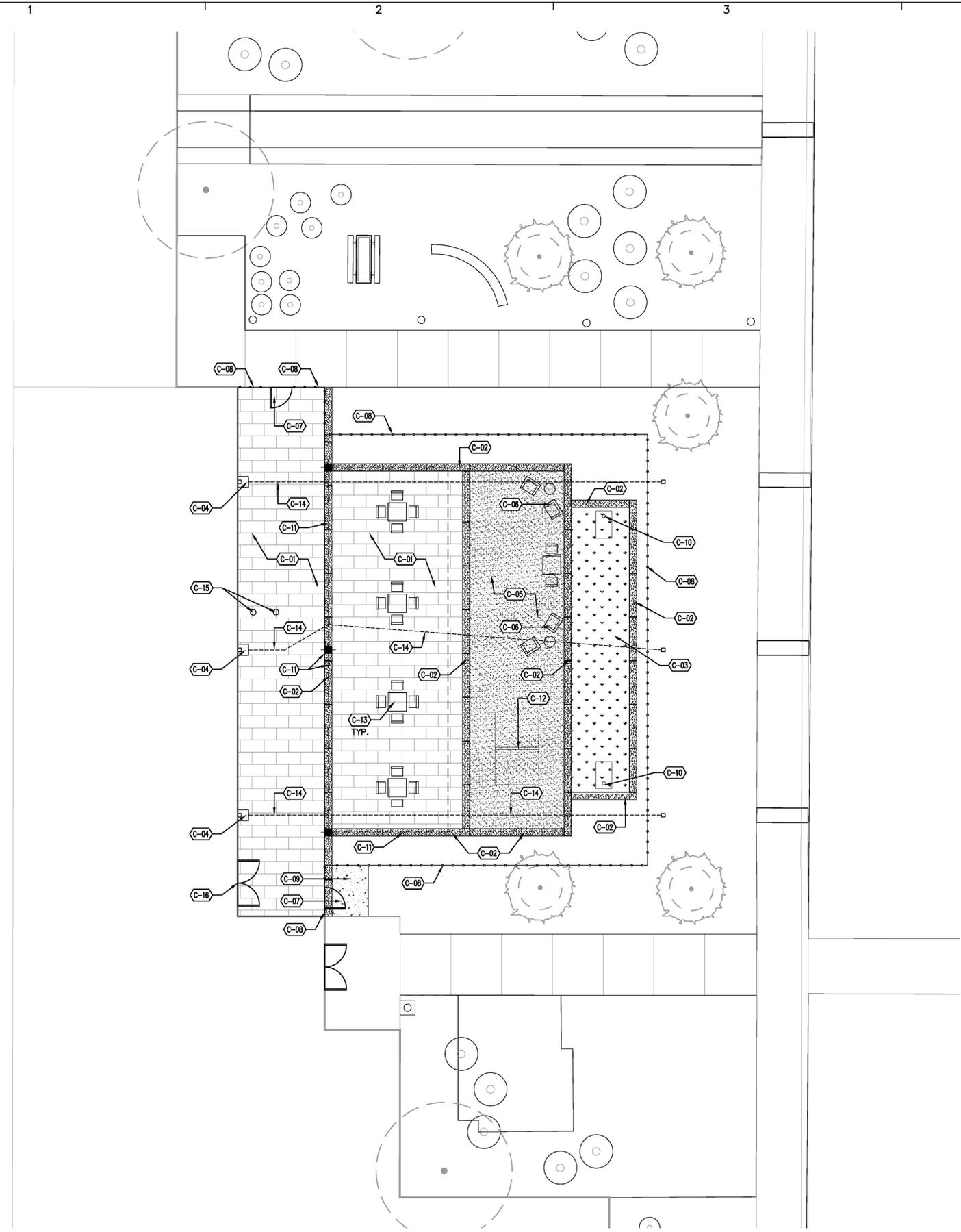
SHEET NUMBER
LS101

KEYED NOTES

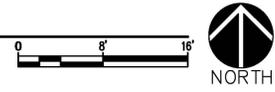
CODE	DESCRIPTION	DETAIL
C-01	INSTALL BRICK PAVERS OVER COMPACTED BASE COURSE. PATTERN: BASKETWEAVE. COLOR: SUMMIT DESERT MIRAGE. AS AVAILABLE FROM KINNEY BRICK (505-877-4550).	A5/LS501
C-02	CONSTRUCT 12" WIDE CONCRETE ACCENT BAND WITH BROOM FINISH AND INTEGRAL COLOR. COLOR: DAVIS SIERRA 61078. PROVIDE 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 CPO39580, 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.	



A4 SHADE STRUCTURE 3D RENDERING
SCALE: N.T.S.



A1 SITE PLAN
SCALE: 1/8"=1'-0"





**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

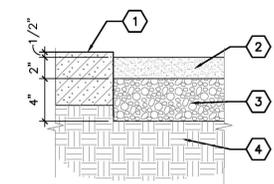
DRAWN BY CE

SHEET TITLE

SITE DETAILS

SHEET NUMBER

LS501



KEYED NOTES

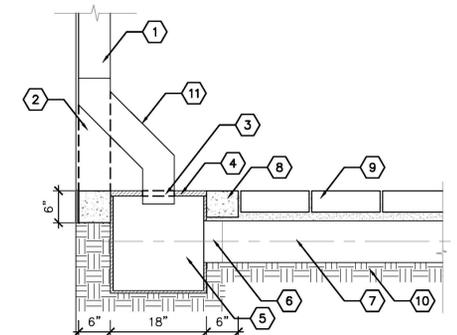
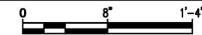
1. HARDENED EDGE ADJACENT CONDITION (CONCRETE CUB, PAVING, ETC.) - SEE PLAN.
2. CRUSHER FINES - SEE PLAN.
3. BASE COURSE COMPACTED TO 95%.
4. SUBGRADE COMPACTED TO 95%.

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"

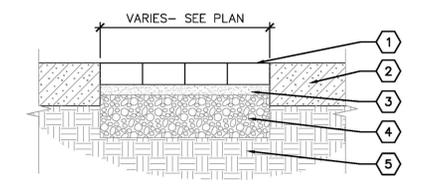
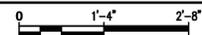


KEYED NOTES

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

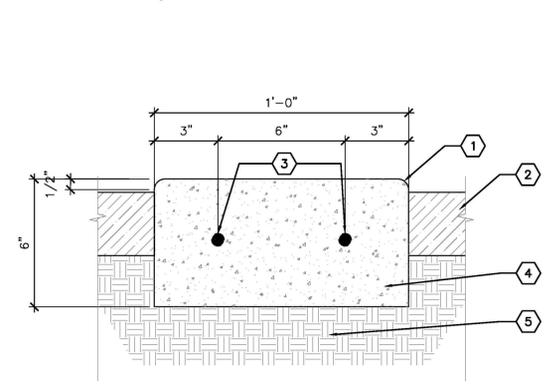
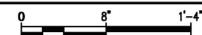
1. PAVERS - SEE PLAN.
2. ADJACENT CONDITION VARIES - SEE PLAN.
3. 1" DEPTH CONCRETE SAND LEVELING COURSE.
4. 4" DEPTH COMPACTED BASE COURSE (U.T.B.C. 1).
5. SUBGRADE COMPACTED TO 95%.

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

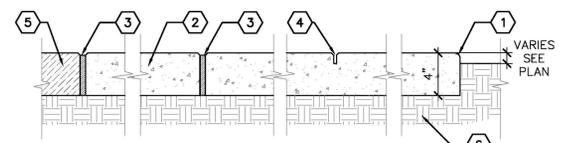
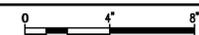
1. 1/2" RADIUS TOOLED EDGE.
2. LANDSCAPE AREA, MATERIAL VARIES.
3. #4 REBAR, HORIZ. AND CONT.
4. 3000 PSI CONCRETE.
5. SUBGRADE COMPACTED TO 95%.

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

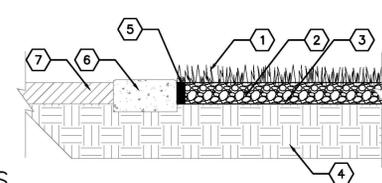
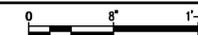
1. TOOLED EDGE, 1/2" RADIUS
2. 3000 PSI CONCRETE
3. 1/2" WIDE EXPANSION JOINT WITH FELT EXPANSION MATERIAL
4. 1/8" X 1" CONTROL JOINT
5. ADJACENT CONCRETE
6. SUBGRADE COMPACTED TO 95%

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

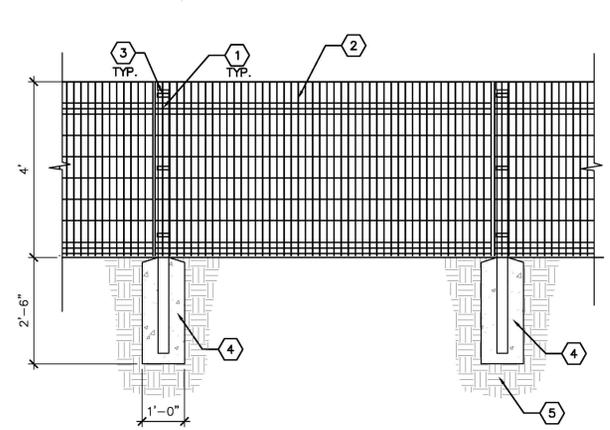
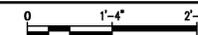
1. SYNTHETIC TURF SYSTEM WITH FILL MATERIAL - 'SYNBLUE 745' AS AVAILABLE FROM SYNLAWN (505-890-8889), OR APPROVED EQUAL.
2. 4" MINIMUM DEPTH OF BASE COURSE MATERIAL - NMDOT TYPE 1.
3. MIRAFI 180N HEAVY WEIGHT NONWOVEN GEOTEXTILE FABRIC OR APPROVED EQUAL.
4. SUBGRADE COMPACTED TO 95% PROCTOR. SLOPE OF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

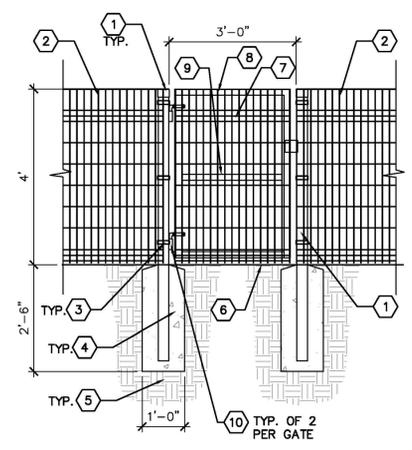
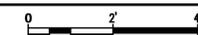
1. 3" X 3" X 11 GAUGE STEEL POST, SPACED AT 8'-0" O.C. TOPS OF POSTS SHALL HAVE POST CAPS.
2. 4' HIGH VERTICAL DESIGNMASTER CLASSIC FENCE PANEL AS AVAILABLE FROM VALLEY FENCE (505-877-1155) OR APPROVED EQUAL.
3. STANDARD BRACKET: FENCE PANELS SHALL BE ATTACHED TO POSTS WITH STANDARD BRACKETS. SEE GENERAL 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

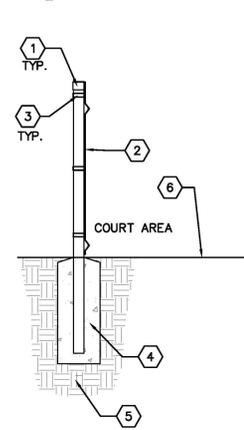
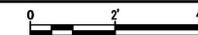
1. 3" X 3" X 11 GAUGE STEEL GATE POST. TOPS OF POSTS SHALL HAVE POST CAPS.
2. 4' HIGH DESIGNMASTER CLASSIC FENCE - SEE DETAIL D1/LS501.
3. STANDARD 3" X 3" BRACKET FOR 3" GATE POST. FENCE PANELS SHALL BE ATTACHED TO GATE POSTS WITH STANDARD 3" BRACKETS. SEE GENERAL NOTE B.
4. 3000 PSI CONCRETE FOOTING.
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 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, GATE, & 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"



KEYED NOTES

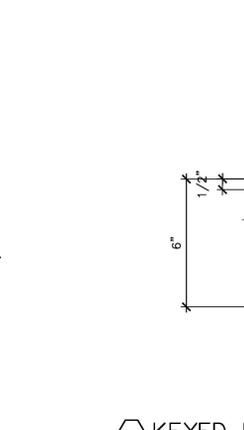
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3. STANDARD BRACKET: FENCE PANELS SHALL BE ATTACHED TO POSTS WITH STANDARD BRACKETS. SEE GENERAL NOTE B.
4. 3000 PSI CONCRETE FOOTING.
5. SUBGRADE COMPACTED TO 95%.
6. FINISH GRADE, MATERIAL VARIES - SEE CONSTRUCTION PLAN.

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- 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

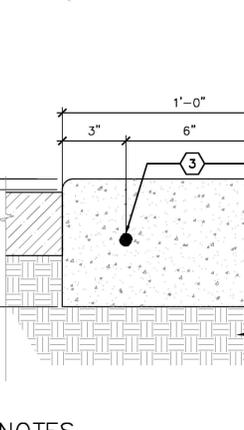
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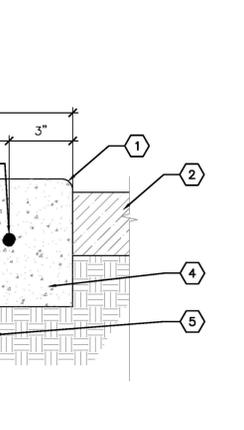
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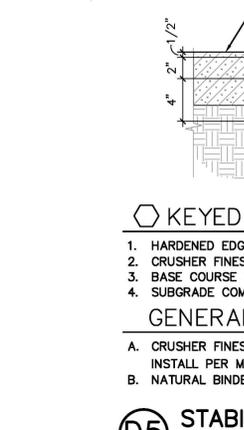
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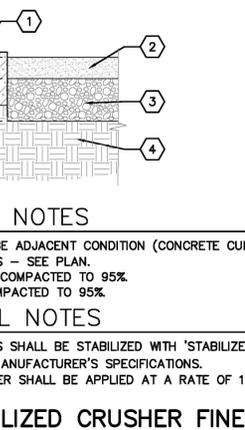
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5. SUBGRADE COMPACTED TO 95%.
6. FINISH GRADE - SEE PLAN.

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KEYED NOTES

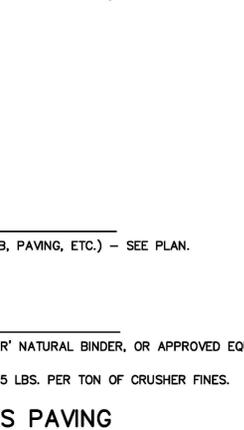
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5. SUBGRADE COMPACTED TO 95%.
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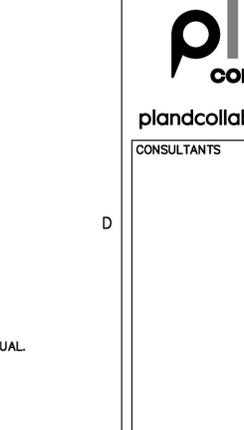
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4. 3000 PSI CONCRETE FOOTING.
5. SUBGRADE COMPACTED TO 95%.
6. FINISH GRADE - SEE PLAN.

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

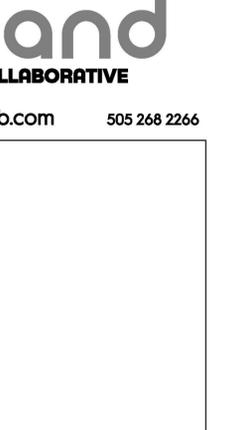
1. 3" X 3" X 11 GAUGE STEEL GATE POST. TOPS OF POSTS SHALL HAVE POST CAPS.
2. 4' HIGH DESIGNMASTER CLASSIC FENCE - SEE DETAIL D1/LS501.
3. STANDARD 3" X 3" BRACKET FOR 3" GATE POST. FENCE PANELS SHALL BE ATTACHED TO GATE POSTS WITH STANDARD 3" BRACKETS. SEE GENERAL NOTE B.
4. 3000 PSI CONCRETE FOOTING.
5. SUBGRADE COMPACTED TO 95%.
6. FINISH GRADE - SEE PLAN.

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

CONSULTANTS



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

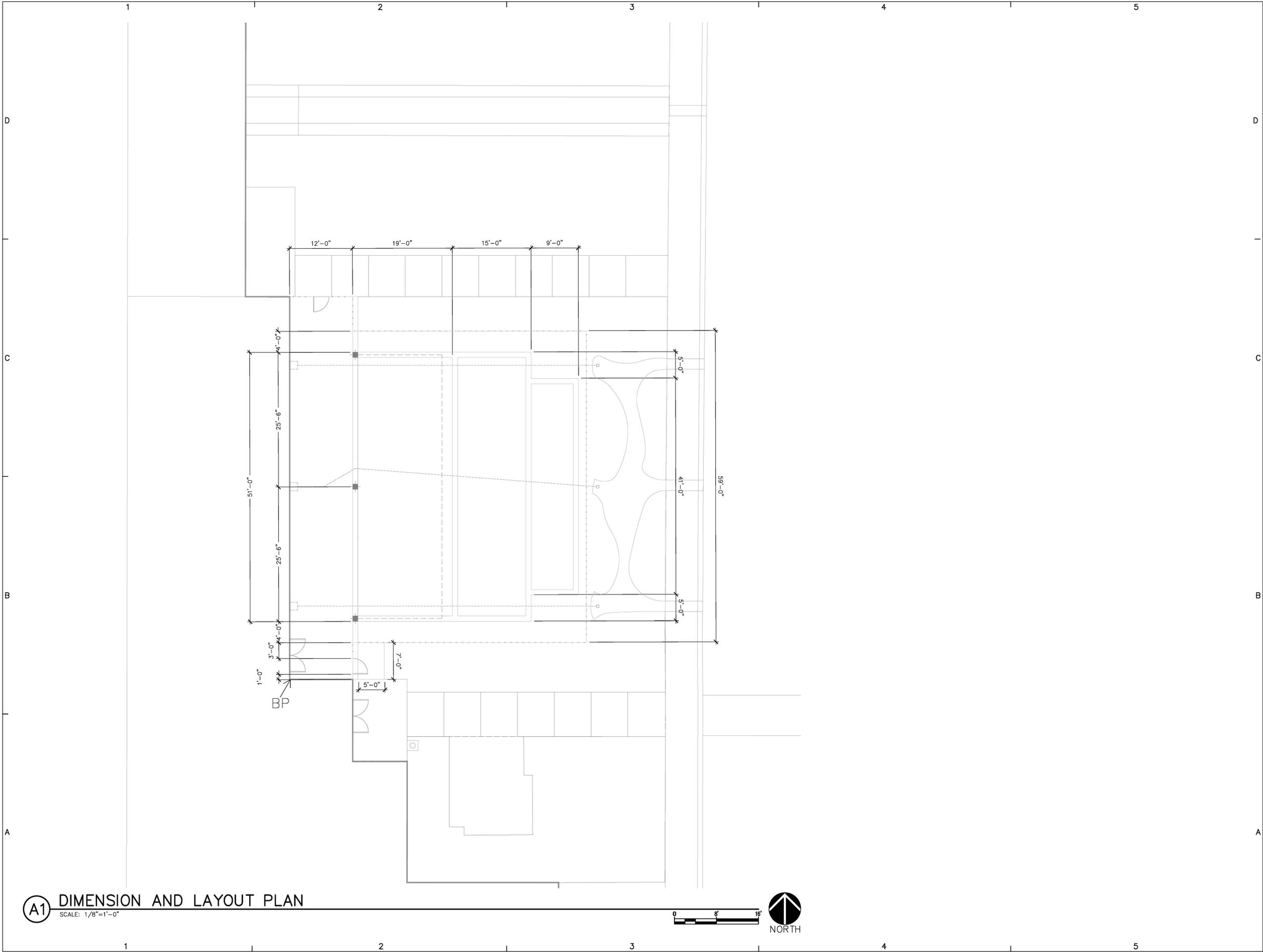
MRWM PROJECT NO 24025
DESIGNED BY LJ CHECKED BY AZ
DRAWN BY CE

SHEET TITLE

**DIMENSION AND
LAYOUT PLAN**

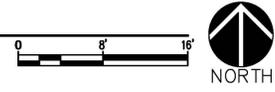
SHEET NUMBER

LK101



A1 DIMENSION AND LAYOUT PLAN

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



CONSULTANTS

SEAL



PROJECT NAME AND ADDRESS

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

DATE SUBMITTAL: JULY 12, 2024
100% CONSTRUCTION DOCUMENTS

REVISIONS

NO.	DATE	DESCRIPTION

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

SHEET TITLE

PLANTING PLAN

SHEET NUMBER

LP101

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

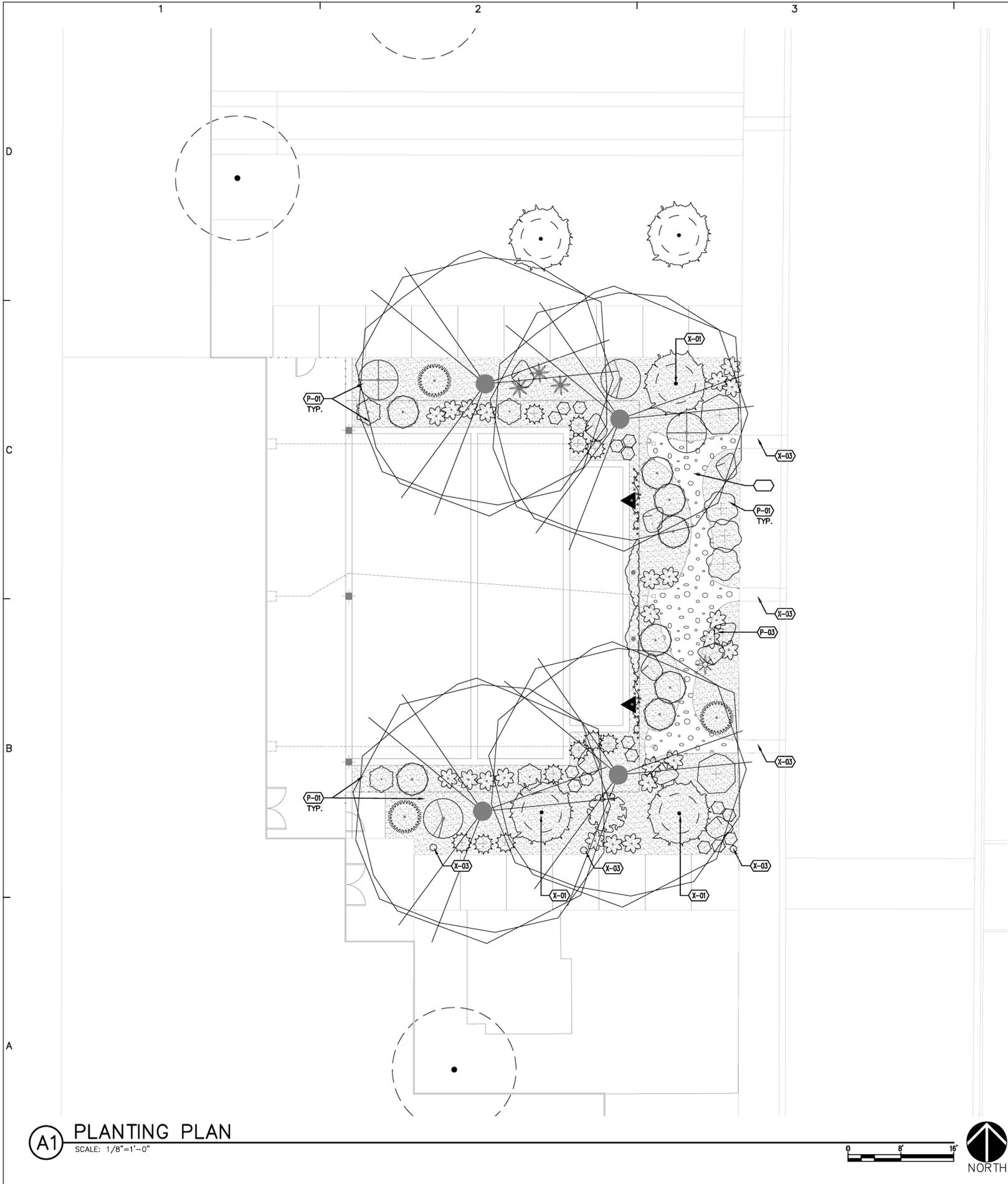
- | CODE | DESCRIPTION |
|------|--------------------------------------|
| X-01 | EXISTING TREE TO REMAIN. |
| X-02 | EXISTING SIDEWALK CULVERT TO REMAIN. |
| X-03 | EXISTING BOLLARD LIGHT TO REMAIN. |

PLANTING SCHEDULE

- | CODE | DESCRIPTION |
|------|--|
| P-01 | ROCK MULCH SHALL BE A BLEND OF 60% FINES, 40% 7/16" 'SANTA FE BROWN', AS AVAILABLE FROM BUILDOLGY (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 BUILDOLGY (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. |
| P-03 | BOULDER SHALL BE A 12-18 C.F. INSTALL PER DETAIL D5/LP501. |

PLANT SCHEDULE SEE SHEET LP501 FOR COMPLETE PLANT SCHEDULE

SYMBOL	CODE	COMMON NAME	BOTANICAL NAME
TREES			
	TE	TRIUMPH ELM	ULMUS X 'MORTON GLOSSY' TM
SHRUBS			
	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
VINES			
	BC2	CROSS VINE	BIGNONIA CAPREOLATA
	VC	ROGER'S RED GRAPE	VITIS CALIFORNICA X VINIFERA 'ROGER'S RED'
DESERT ACCENTS			
	YB	BANANA YUCCA	YUCCA BACCATA
	BG	BEAR GRASS	NOLINA TEXANA
	BA	BLONDE AMBITION BLUE GRAMA	BOUTELOUA GRACILIS 'BLONDE AMBITION'
	HP	RED YUCCA	HESPERALOE PARVIFLORA
GROUNDCOVERS			
	CAT	CATMINT	NEPETA FAASSENII
	TC	CREEPING GERMANDER	TEUCRIUM COSSONII
	MR	CREEPING MAHONIA	MAHONIA REPENS



A1 PLANTING PLAN
SCALE: 1/8"=1'-0"

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

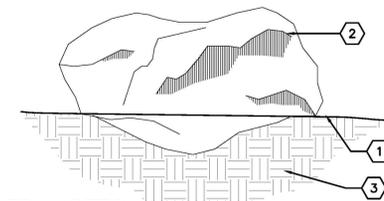
MRWM PROJECT NO 24025
DESIGNED BY LJ CHECKED BY AZ
DRAWN BY FB

SHEET TITLE

PLANTING DETAILS

SHEET NUMBER

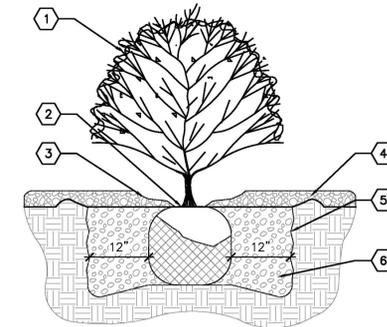
LP501



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%.

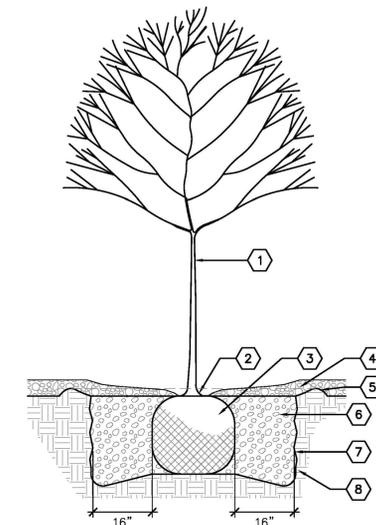
D5 ACCENT BOULDER
NOT TO SCALE



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.

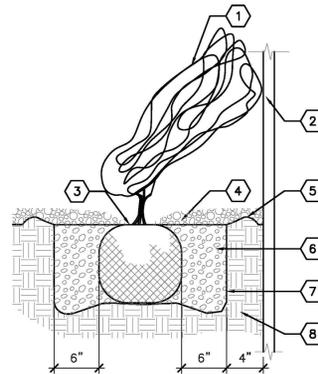
C5 SHRUB PLANTING
NOT TO SCALE



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. MULCH – SEE 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 – SEE SPECIFICATIONS.
7. SCARIFY EDGE OF PLANTING HOLE, CONTINUOUS ALL SIDES.
8. UNDISTURBED SUBGRADE

A5 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
TREES								
	TE	4	TRIUMPH ELM	ULMUS X 'MORTON GLOSSY' TM	B&B	50'	40'	2" CAL., 10'-12' HT.
SHRUBS								
	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.
VINES								
	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.
DESERT ACCENTS								
	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	BOUTELLOUA GRACILIS 'BLONDE AMBITION'	3 GAL.	2'	3'	MIN. 8" HT.
	HP	3	RED YUCCA	HESPERALOE PARVIFLORA	5 GAL.	3'	3'	MIN. 12" HT.
GROUNDCOVERS								
	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.

CONSULTANTS



PROJECT NAME AND ADDRESS

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

DATE SUBMITTAL: JULY 12, 2024
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

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

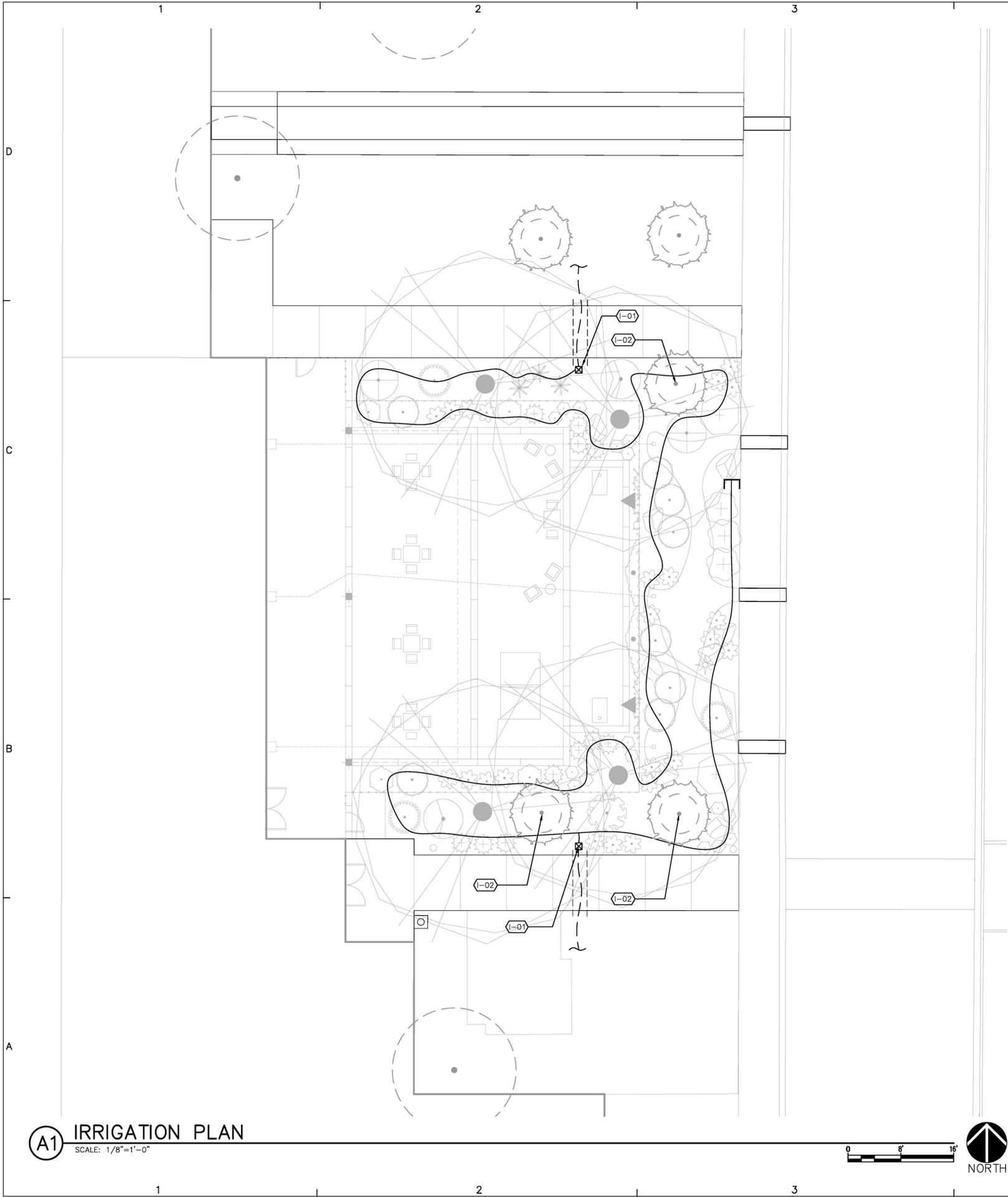
CODE	DESCRIPTION
I-01	TIE INTO AND EXTEND EXISTING DRIP POLY TUBING (LOCATION SHOWN IS APPROXIMATE - FIELD VERIFY).
I-02	ADD DRIP EMITTERS TO EXISTING TREE TO REMAIN.

IRRIGATION LEGEND

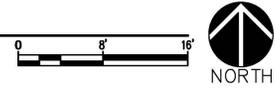
SYMBOL	MANUFACTURE/MODEL/DESCRIPTION	DETAIL
---	EXISTING SLEEVE TO REMAIN.	
—	3/4" POLY DRIP TUBING WITH RAIN BIRD PC SERIES PRESSURE COMPENSATING BARBED EMITTERS AND END CAP. SEE EMITTER SCHEDULE FOR MODEL AND QUANTITY.	A5/LI501, C5/LI501
- - -	EXISTING POLY TO REMAIN.	

EMITTER SCHEDULE

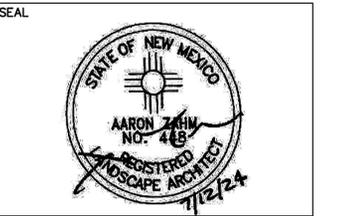
PLANT NAME	EMITTER QTY	EMITTER
TREES		
- EXISTING TREE	6	XB-20PC
TE TRIUMPH ELM	6	XB-20PC
SHRUBS/GROUND COVERS/GRASSES/DESERT ACCENT/VINE		
FP APACHE PLUME	2	XB-10PC
BC BARBERRY COTONEASTER	2	XB-10PC
EN CHAMISA	2	XB-10PC
CM FURNBUSH	2	XB-10PC
GLS GROW-LOW-SUMAC	2	XB-10PC
RW WOODS ROSE	2	XB-10PC
BC2 CROSS 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



A1 IRRIGATION PLAN
SCALE: 1/8"=1'-0"



CONSULTANTS



PROJECT NAME AND ADDRESS

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

DATE SUBMITTAL: JULY 12, 2024
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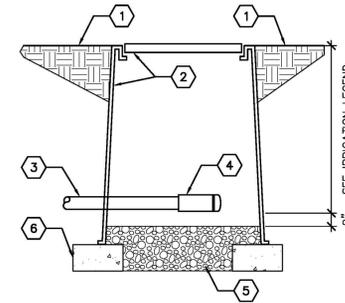
REVISIONS		
NO.	DATE	DESCRIPTION

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

SHEET TITLE

IRRIGATION DETAILS

SHEET NUMBER
LI501

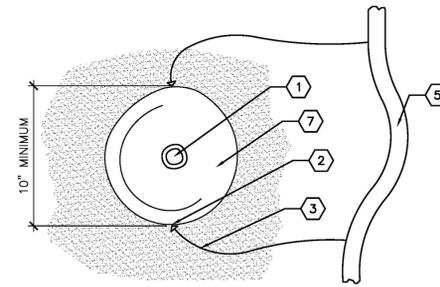


KEYED NOTES

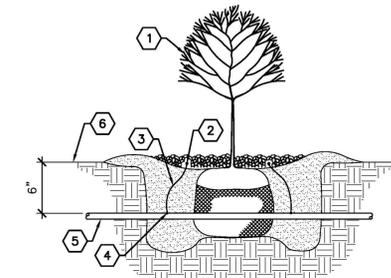
1. FINISH GRADE.
2. APPLIED ENGINEERING SERIES 610, 6" ROUND VALVE BOX. (COLOR: TAN)
3. 1/2" POLYETHYLENE DRIP TUBING.
4. 1/2" RAIN BIRD EASY FIT COMPRESSION COUPLER WITH REMOVABLE FLUSH CAP.
5. 3/4" TO 1" DIAMETER CRUSHED GRAVEL, 6" DEPTH. GRAVEL SHALL BE FREE OF DIRT AND FINES.
6. SOLID CMU BLOCK (2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

GENERAL NOTES

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

A5 DRIP EMITTER PLACEMENT

NOT TO SCALE



NOTE:
BUILDING CLASSIFICATION AND BUILDING SPACING SHALL BE REVIEWED AND VERIFIED BY REGISTERED ARCHITECT OR ENGINEER OF RECORD RESPONSIBLE FOR DESIGNING BUILDING.

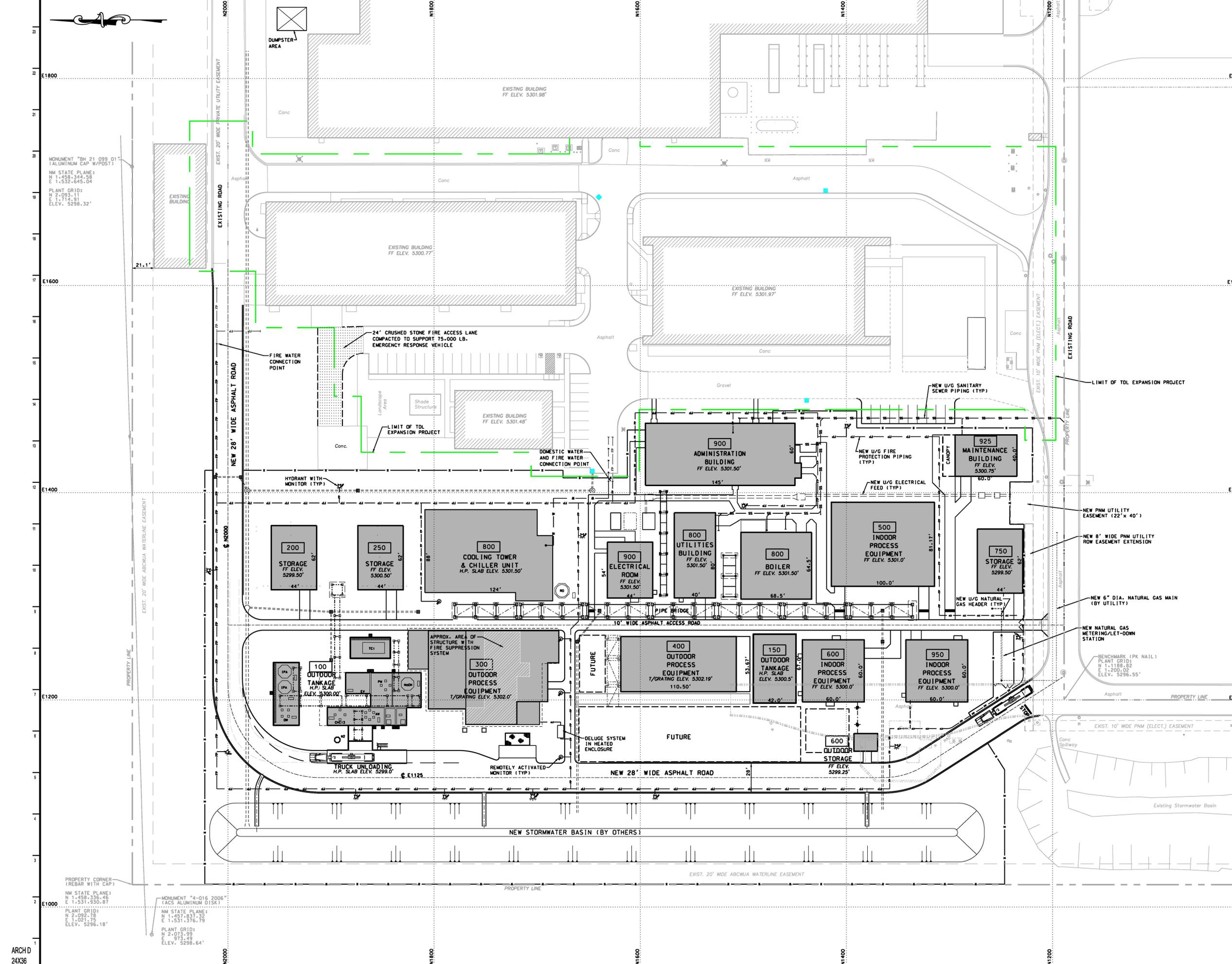
REVISION HISTORY					
REV	DATE	DESCRIPTION	BY	CHK	APP
L	2-10-26	REVISED BASIN	EJO	AS	AS
K	10-3-25	ISSUED FOR PERMIT	EJO	AS	AS
J	7-22-25	REV. GAS METERING STATION	EJO		
I	5-21-25	REV. AREA 100, 300, 400, 800 & U/G UTILITIES	EJO		
H	2-04-25	REV. U/G UTILITIES & ADDED PROJECT LIMIT	EJO		
G	11-15-24	REV. U/G UTILITIES & FUTURE STRUCTURES	EJO		
F	9-09-24	REV. BLDG. SIZES	EJO		
E	8-30-24	REV. BLDG. SIZES, ADDED MAINTENANCE BLDG.	EJO		
D	8-09-24	ADDED DUMPSTER AREA	EJO		
C	7-08-24	ISSUED FOR DESIGN	EJO		
B	5-08-24	ISSUED FOR DESIGN	EJO		
A	4-11-24	ISSUED FOR CLIENT REVIEW	EJO		



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**KPSW PROJECT SAGUARO
CIVIL KEY PLAN**

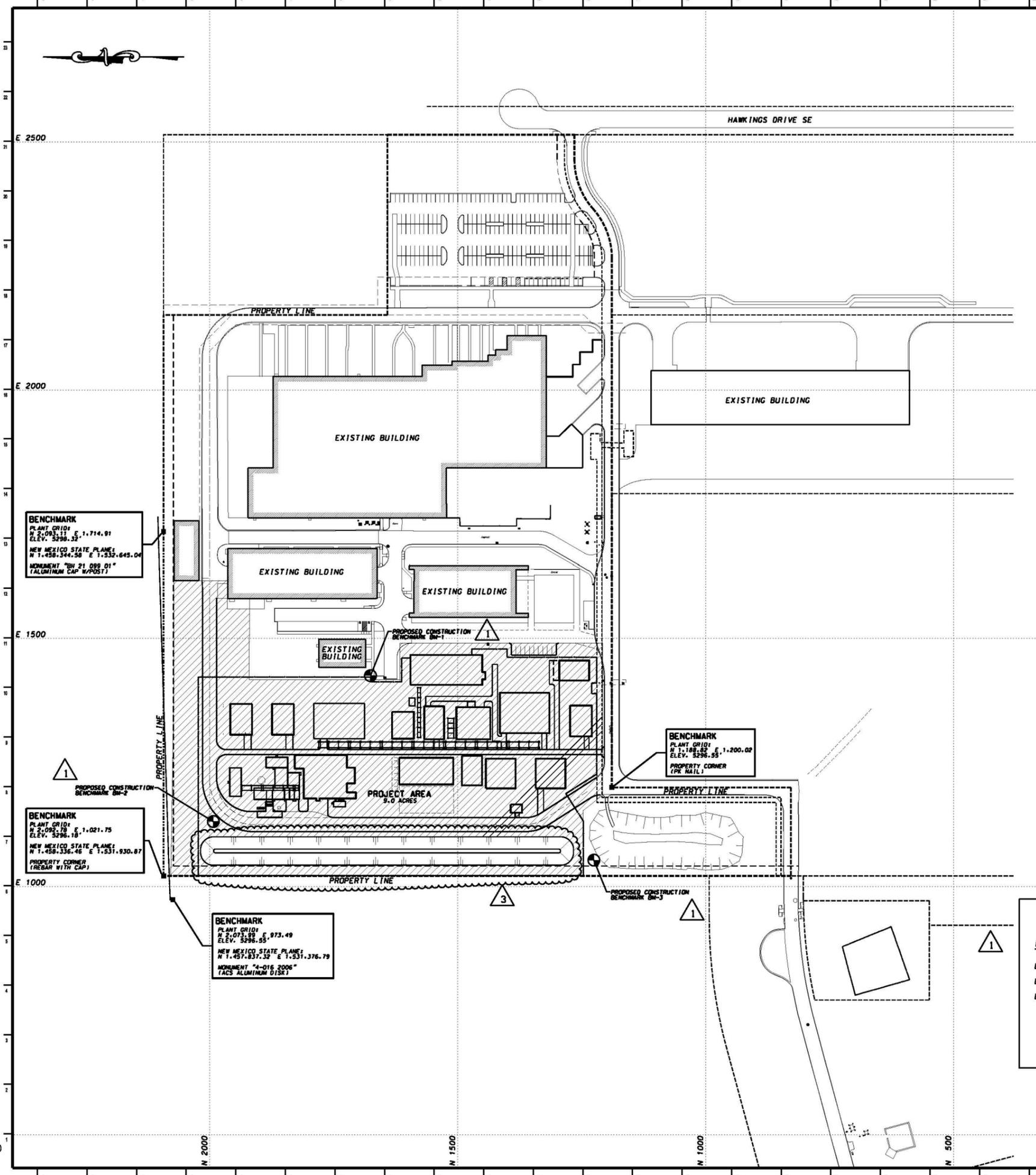
DRAWN	EJO	CHECKED	APPROVED	DATE
SCALE	1" = 40'	DRAWING NUMBER		
PROJ	218356	KPS-SLT-K11-900-1-001	REV.	L



MONUMENT "BH 21 099 01"
(ALUMINUM CAP W/POST)
NM STATE PLANE:
N 1,458,344.58
E 1,532,645.04
PLANT GRID:
N 2+093.11
E 1+714.91
ELEV. 5298.32'

MONUMENT "4-016 2006"
(ACS ALUMINUM DISK)
NM STATE PLANE:
N 1,457,837.32
E 1,531,376.75
PLANT GRID:
N 2+073.99
E 973.49
ELEV. 5296.64'

PROPERTY CORNER
(REBAR WITH CAP)
NM STATE PLANE:
N 1,458,336.46
E 1,531,930.87
PLANT GRID:
N 2+092.78
E 1+021.75
ELEV. 5296.18'



GENERAL NOTES:

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SITE AND OSHA SAFETY AND CONSTRUCTION PRACTICES AND SHALL BE IN ACCORDANCE WITH ALL PROJECT DOCUMENTS AND PROJECT SPECIFICATION N212-KBR-CV-SPEC-G20-4007.
2. ALL COORDINATES SHOWN ARE BASED UPON THE PLANT COORDINATE SYSTEM. EXISTING PLANT MONUMENTS TO BE USED FOR THIS PROJECT ARE SHOWN.
3. EXISTING TOPOGRAPHY AND THE LOCATION OF EXISTING FACILITIES WITHIN THE PROJECT AREA ARE TAKEN FROM A FIELD SURVEY PERFORMED BY CSI-CARTESIAN SURVEYS INC. OF RIO RANCHO, NM AND DATED JAN. 2024. BALANCE OF EXISTING SITE FACILITIES SHOWN ARE BASED UPON EXISTING SITE DEVELOPMENT DRAWINGS PROVIDED BY THE OWNER. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS WITHIN THE PROJECT AREA IN THE FIELD PRIOR TO START OF CONSTRUCTION.
4. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION ENGINEER IMMEDIATELY IF ANY FIELD CONDITIONS ENCOUNTERED DIFFER MATERIALLY FROM THOSE REPRESENTED HEREON AND/OR IF SUCH CONDITIONS, IN THE CONTRACTOR'S OPINION, WOULD RENDER THE PROPOSED DESIGN INEFFECTIVE OR INAPPROPRIATE.
5. ALL UNDERGROUND UTILITY LOCATIONS SHOWN ARE NOT GUARANTEED. NOR IS THERE ANY GUARANTEE THAT ALL EXISTING UTILITIES WITHIN THE PROJECT AREA ARE SHOWN. THE EXISTENCE OF ALL UNDERGROUND FACILITIES SHALL BE INVESTIGATED AND VERIFIED BY THE CONTRACTOR AND CONSTRUCTION MANAGER IN THE FIELD PRIOR TO COMMENCING WORK.
5. A MINIMUM OF THREE (3') FEET SEPARATION FROM EXISTING STRUCTURES OR UTILITIES SHALL BE MAINTAINED WHEN USING POWER EXCAVATING EQUIPMENT. IF THIS SEPARATION CANNOT BE MAINTAINED THE CONTRACTOR SHALL USE HAND EXCAVATING TECHNIQUES TO EXPOSE AND COMPLETELY LOCATE THE EXISTING ITEM PRIOR TO PROCEEDING WITH POWERED EXCAVATION EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE ALL REQUIRED SHORING ELEMENTS NEEDED TO FACILITATE NEW CONSTRUCTION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF EXISTING STRUCTURES AND UTILITIES DURING CONSTRUCTION. NEW UTILITY CONNECTIONS AND RELOCATIONS OR REMOVAL WORK SHALL BE COORDINATED THE APPROPRIATE UTILITY.
7. DO NOT SCALE THE DRAWINGS. ADJACENT AND SURROUNDING PHYSICAL CONDITIONS, BUILDINGS, STRUCTURES, ETC. ARE SCHEMATIC ONLY EXCEPT WHERE DIMENSIONS ARE SHOWN.
8. CONTRACTOR'S BULK STORAGE AND MATERIAL LAYDOWN WILL BE PERMITTED IN SPECIFIED AREAS ON-SITE AS DESIGNATED BY THE CONSTRUCTION MANAGER. THE CONTRACTOR IS RESPONSIBLE FOR THE SECURITY OF MATERIALS AND EQUIPMENT AND NO MATERIAL MAY BE STORED IN PUBLIC RIGHT-OF-WAYS OR OTHERWISE IMPEDE ACCESS TO PUBLIC UTILITY COMPONENTS. CLEAN-UP FOR ALL AREAS WILL BE TO AN "AS FOUND" OR BETTER CONDITION IMMEDIATELY FOLLOWING THE PROJECT.
9. MATERIAL DEMOLISHED AND REMOVED SHALL NOT BE DEPOSITED ON-SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRANSPORT AND DISPOSAL OF MATERIAL AT AN APPROPRIATE RECEIVING FACILITY. DEBRIS SHALL BE HANDLED IN STRICT CONFORMANCE WITH ALL STATE AND LOCAL LAWS.
10. STORM WATER ACCUMULATED IN EXCAVATED AREAS SHALL BE PUMPED TO AN APPROVED FILTRATION DEVICE OR PORTABLE SEDIMENT TANK PRIOR TO RELEASE FROM THE PROJECT AREA.
11. ALL LITTER, CONSTRUCTION DEBRIS AND CHEMICALS EXPOSED TO WEATHER SHALL BE REMOVED PRIOR TO ANTICIPATED RAIN EVENTS OR OTHERWISE PROTECTED SUCH THAT THEY DO NOT BECOME A POLLUTANT SOURCE.
12. ALTERNATE ROUTES OF TRAVEL SHALL BE ESTABLISHED DURING ROAD CLOSURES TO ALLOW SUFFICIENT INGRESS/EGRESS TO EXISTING FACILITIES.
13. THE CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL ROADS AND PAVED AREAS TO REMOVE DIRT AND/OR CONSTRUCTION DEBRIS CAUSED BY THE WORK.
14. THIS SITE FALLS IN THE AIR SPACE PROTECTION SUB-AREA FOR THE ALBUQUERQUE INTERNATIONAL AIRPORT.



REFERENCE DRAWINGS & DOCUMENTS:

- KPS-SLT-K11-900-1-002 OVERALL SITE PLAN
- KPS-SLT-K11-900-1-003 DEMOLITION PLAN
- KPS-SLT-K11-900-1-004 LAYOUT PLAN, SHT 1
- KPS-SLT-K11-900-1-005 LAYOUT PLAN, SHT 2
- KPS-SLT-K11-900-1-006 TYPICAL ROAD CROSS SECTIONS
- KPS-SLT-K11-900-1-007 TYPICAL SITE DETAILS
- KPS-SLT-K11-900-1-008 GRADING & DRAINAGE PLAN, SHT #1
- KPS-SLT-K11-900-1-009 GRADING & DRAINAGE PLAN, SHT #2
- KPS-SLT-K11-900-1-010 TYPICAL DRAINAGE DETAILS
- KPS-SLT-K11-900-1-011 UNDERGROUND UTILITY PLAN, SHT #1
- KPS-SLT-K11-900-1-012 UNDERGROUND UTILITY PLAN & DETAILS
- KPS-SLT-K11-900-1-013 UNDERGROUND UTILITY PLAN, SHT #2
- N212-KBR-CV-SPEC-G20-4007 CIVIL SPECIFICATION

THE PROFESSIONAL ENGINEER SIGNING AND SEALING THIS DRAWING IS ONLY RESPONSIBLE FOR THE AREA SHOWN HATCHED.

PROPOSED CONSTRUCTION BENCHMARKS

MARK	PLANT GRID		NEW MEXICO STATE PLANE		ELEVATION
	NORTH	EAST	NORTH	EAST	
BM-1	1.675.50	1.425.35	1.457.911.5	1.532.326.5	
BM-2	1.992.50	1.131.50	1.458.234.0	1.532.038.7	
BM-3	1.225.00	1.053.50	1.457.468.1	1.531.946.2	

- NOTES:**
1. NEW MEXICO STATE PLANE COORDINATES ARE APPROXIMATE AND MUST BE VERIFIED.
 2. SURVEYOR TO PROVIDE FINAL "AS INSTALLED" BENCHMARK INFORMATION.

Digitally signed by Amol Sawant
 Date: 2026.02.10 09:29:42 -0600

REVISION HISTORY					
REV	DATE	DESCRIPTION	BY	CHK	APP
3	2-10-26	REVISED BASIN	EJO	AS	AS
2	10-9-25	REISSUE FOR PERMIT	EJO	AS	AS
1	2-03-25	ADDED CONSTRUCTION BENCHMARKS	EJO	AS	ZM
0	8-05-24	ISSUED FOR CONSTRUCTION	EJO	AS	ZM

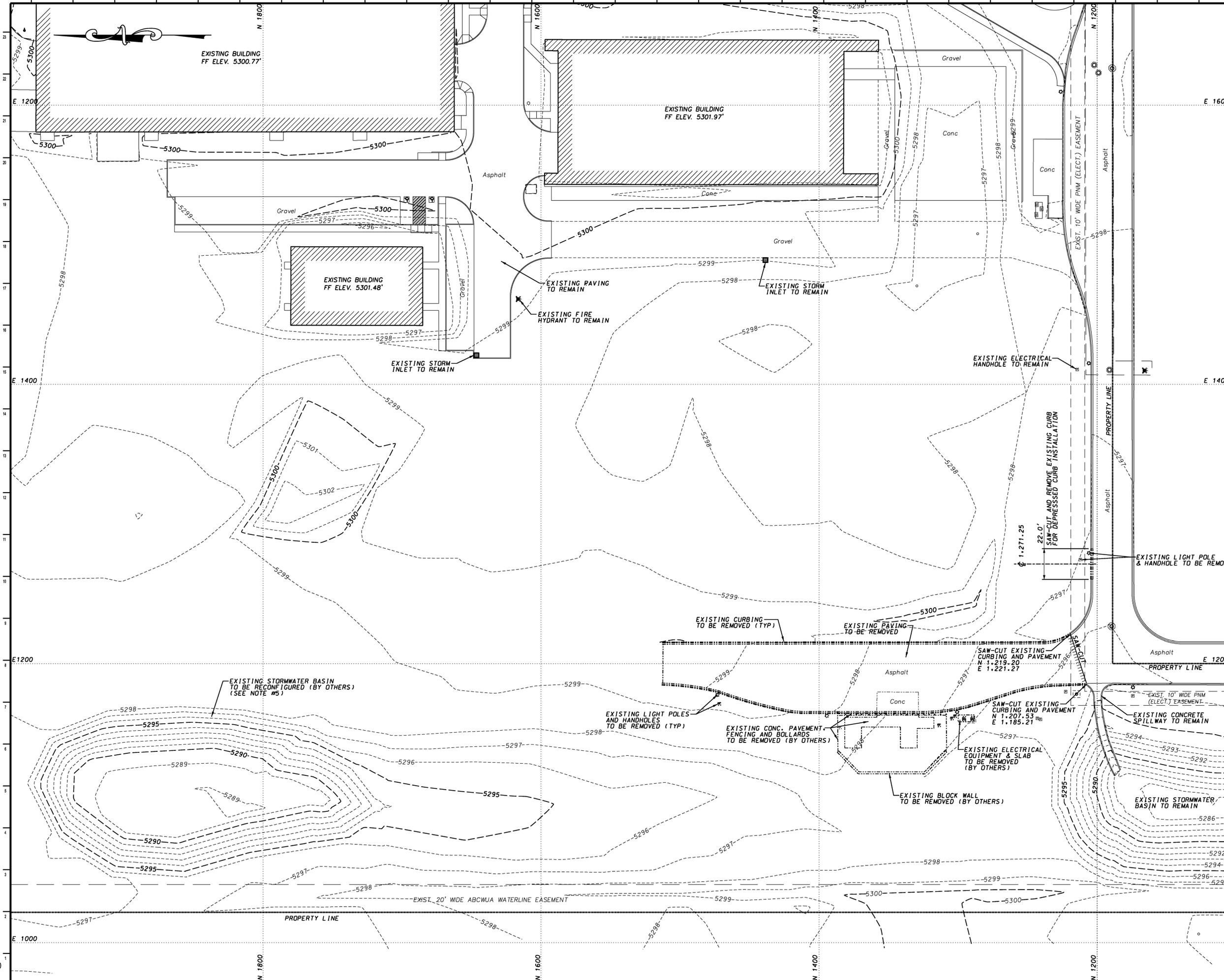


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**KPSW PROJECT SAGUARO
OVERALL SITE PLAN**

DRAWN	EJO	CHECKED	AS	APPROVED	CS	DATE	7-30-24
SCALE	1" = 100'	DRAWING NUMBER	218356		PROJECT	KPS-SLT-K11-900-1-002	
REV	3						

- NOTES:**
1. REFER TO DRAWING NO. KPS-SLT-K11-900-1-002 FOR GENERAL NOTES AND LIST OF REFERENCE DRAWINGS.
 2. ALL COORDINATES SHOWN FOR BASED ON THE PLANT COORDINATE SYSTEM. REFER TO DWG. NO. KPS-SLT-K11-900-1-002 FOR BENCHMARK INFORMATION.
 3. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BARRICADES NECESSARY TO PROTECT THE PUBLIC FROM THE WORK AREA.
 4. ALL WORK IN THE PROJECT AREA MUST BE COORDINATED WITH THE CONSTRUCTION MANAGER TO MINIMIZE ANY INTERRUPTION OF PLANT OPERATIONS OR OTHER CONSTRUCTION ACTIVITIES.
 5. TOPOGRAPHIC SURVEY WAS PERFORMED DURING SITE CONSTRUCTION OF ADJACENT BUILDINGS AND PRIOR TO NEW BASIN CONSTRUCTION. EXISTING GRADES SHOWN MAY NOT EXACTLY REFLECT FIELD CONDITIONS AT TIME OF THIS CONTRACT EXECUTION.



REVISION HISTORY

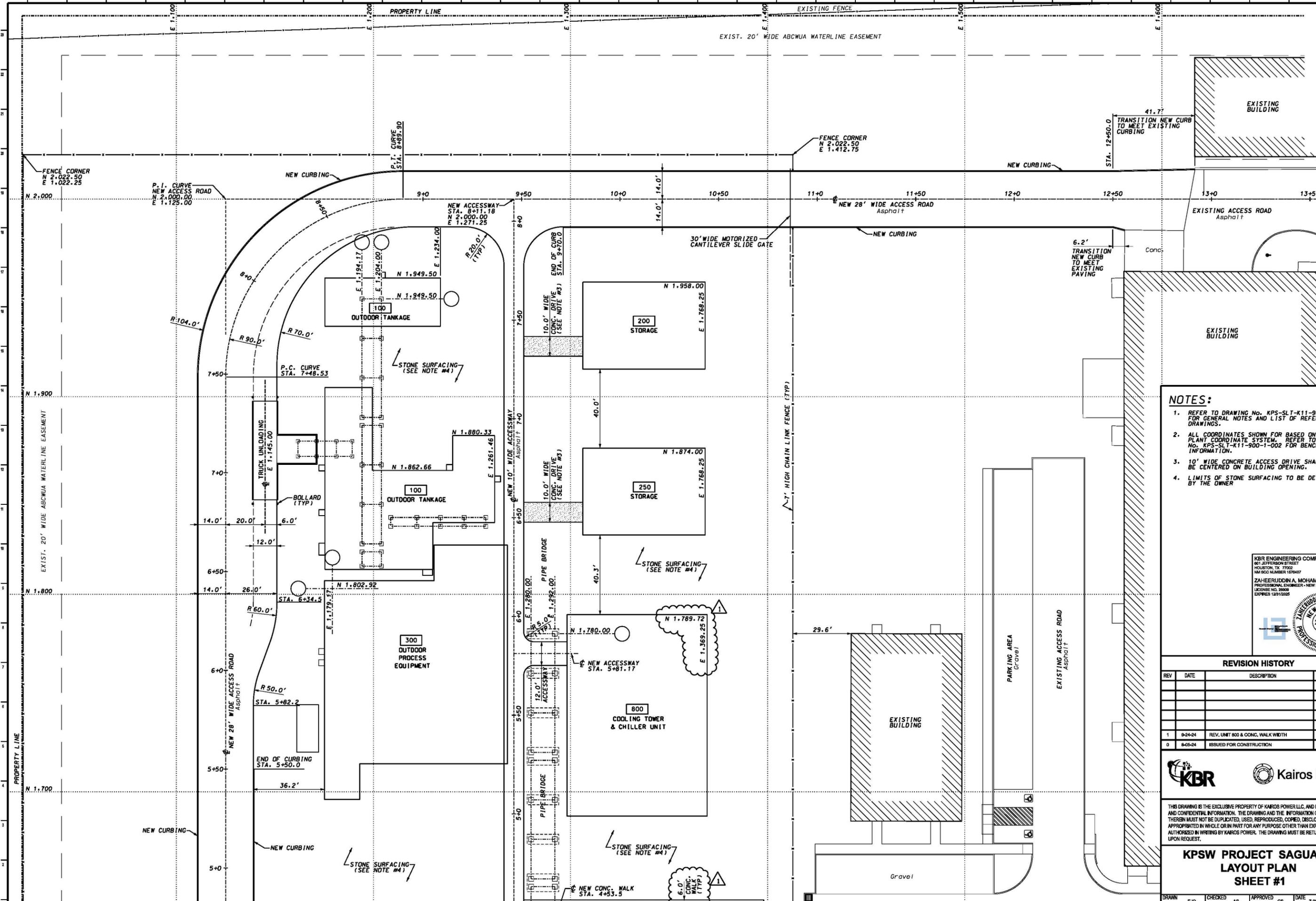
REV	DATE	DESCRIPTION	BY	CHK	APP
0	8-05-24	ISSUED FOR CONSTRUCTION	EJO	AS	ZM



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**KPSW PROJECT SAGUARO
DEMOLITION PLAN**

DRAWN	EJO	CHECKED	AS	APPROVED	CS	DATE	7-30-24
SCALE	1" = 30'	DRAWING NUMBER					
PROJ	218356					KPS-SLT-K11-900-1-003	REV. 0



- NOTES:**
- REFER TO DRAWING No. KPS-SLT-K11-900-1-002 FOR GENERAL NOTES AND LIST OF REFERENCE DRAWINGS.
 - ALL COORDINATES SHOWN FOR BASED ON THE PLANT COORDINATE SYSTEM. REFER TO DWG. No. KPS-SLT-K11-900-1-002 FOR BENCHMARK INFORMATION.
 - 10' WIDE CONCRETE ACCESS DRIVE SHALL BE CENTERED ON BUILDING OPENING.
 - LIMITS OF STONE SURFACING TO BE DETERMINED BY THE OWNER

KBR ENGINEERING COMPANY
 861 JEFFERSON STREET
 HOUSTON, TX 77002
 NM BCC NUMBER 1570407

ZAHEDIJODIN A. MOHAMMAD
 PROFESSIONAL ENGINEER - NEW MEXICO
 LICENSE NO. 26909
 EXPIRES 12/31/2025

REVISION HISTORY

REV	DATE	DESCRIPTION	BY	CHK	APP
1	8-24-24	REV. UNIT 800 & CONC. WALK WIDTH	EJO	AS	ZM
0	8-05-24	ISSUED FOR CONSTRUCTION	EJO	AS	ZM



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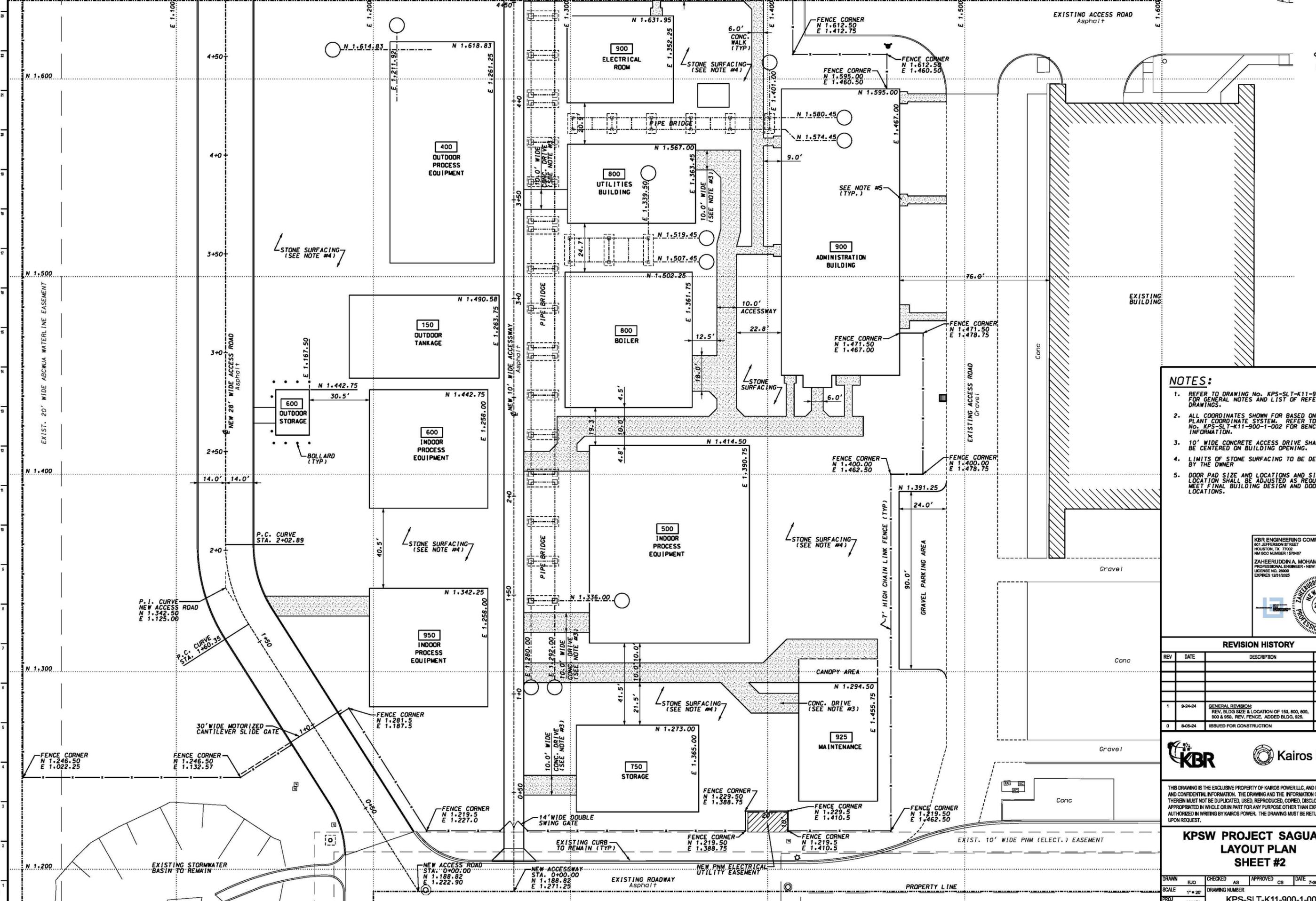
**KPSW PROJECT SAGUARIO
 LAYOUT PLAN
 SHEET #1**

DRAWN	EJO	CHECKED	AS	APPROVED	CS	DATE	7-30-24
SCALE	1" = 20'						
PROJ	218356	DRAWING NUMBER		KPS-SLT-K11-900-1-004		REV.	1

ARCHD
24X36

MATCH LINE (N 1.640.0)

SEE DWG. No. KPS-SLT-K11-900-1-005 FOR CONTIN.



- NOTES:**
- REFER TO DRAWING No. KPS-SLT-K11-900-1-002 FOR GENERAL NOTES AND LIST OF REFERENCE DRAWINGS.
 - ALL COORDINATES SHOWN FOR BASED ON THE PLANT COORDINATE SYSTEM. REFER TO DWG. No. KPS-SLT-K11-900-1-002 FOR BENCHMARK INFORMATION.
 - 10' WIDE CONCRETE ACCESS DRIVE SHALL BE CENTERED ON BUILDING OPENING.
 - LIMITS OF STONE SURFACING TO BE DETERMINED BY THE OWNER.
 - DOOR PAD SIZE AND LOCATIONS AND SIDEWALK LOCATION SHALL BE ADJUSTED AS REQUIRED TO MEET FINAL BUILDING DESIGN AND DOOR LOCATIONS.

KBR ENGINEERING COMPANY
 801 JEFFERSON STREET
 HOUSTON, TX 77002
 NM BCC NUMBER 1570407

ZAHEDIJADIN A. MOHAMMAD
 PROFESSIONAL ENGINEER - NEW MEXICO
 LICENSE NO. 26909
 EXPIRES 12/31/2025

REVISION HISTORY

REV	DATE	DESCRIPTION	BY	CHK	APP
1	9-24-24	GENERAL REVISION: REV. BLDG SIZE & LOCATION OF 150, 800, 800 & 950. REV. FENCE. ADDED BLDG. 925.	EJO	AS	ZM
0	8-05-24	ISSUED FOR CONSTRUCTION	EJO	AS	ZM



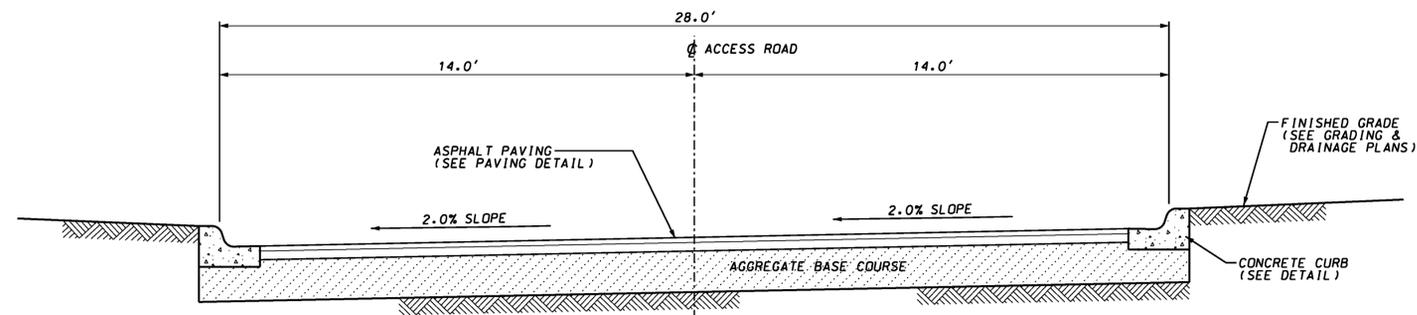
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**KPSW PROJECT SAGUARO
 LAYOUT PLAN
 SHEET #2**

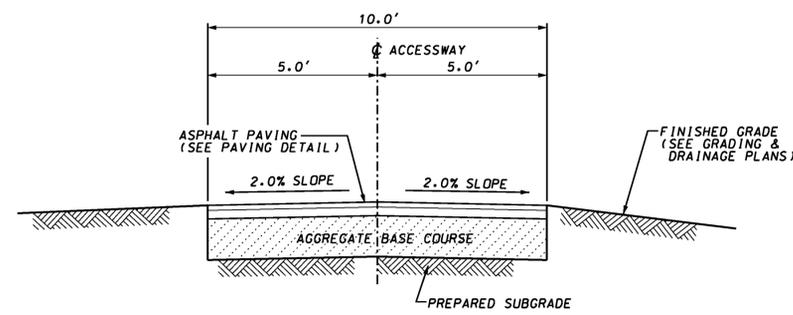
DRAWN	EJO	CHECKED	AS	APPROVED	CS	DATE	7-30-24
SCALE	1" = 20'	DRAWING NUMBER			REV.		
PROJ	218356	KPS-SLT-K11-900-1-005					1

NOTES:

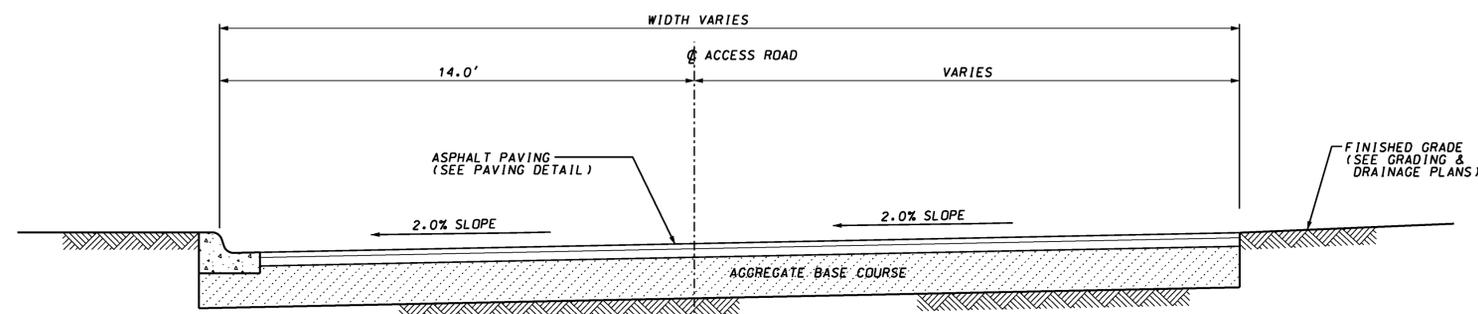
1. REFER TO DRAWING No. KPS-SLT-K11-900-1-002 FOR GENERAL NOTES AND LIST OF REFERENCE DRAWINGS.
2. REFER TO DRAWING No. KPS-SLT-K11-900-1-007 FOR TYPICAL SITE DETAILS.
3. ROAD CROSS SLOPE SHALL WARP AT STA. 0+40.0 AND AT STA. 12+50.0 TO MEET THE ELEVATION OF EXISTING PAVING TO REMAIN.



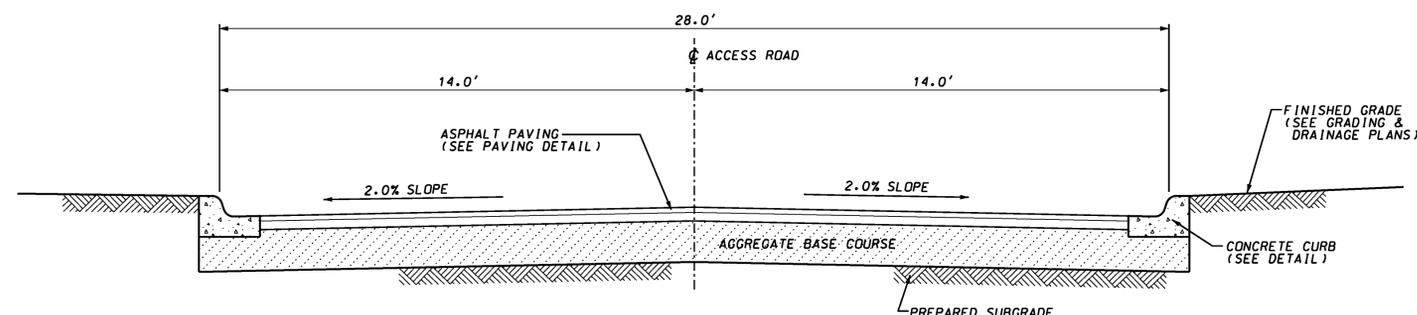
STA. 0+40.0 TO STA. 5+50.0
ACCESS ROAD CROSS SECTION
 SCALE: 1/4" = 1'-0" (SEE NOTE *2)



ACCESSWAY CROSS SECTION
 SCALE: 1/4" = 1'-0" (SEE NOTE *2)



STA. 5+50.0 TO STA. 9+00.0
ACCESS ROAD CROSS SECTION
 SCALE: 1/4" = 1'-0" (SEE NOTE *2)



STA. 9+50.0 TO STA. 12+50.0
ACCESS ROAD CROSS SECTION
 SCALE: 1/4" = 1'-0" (SEE NOTE *2)

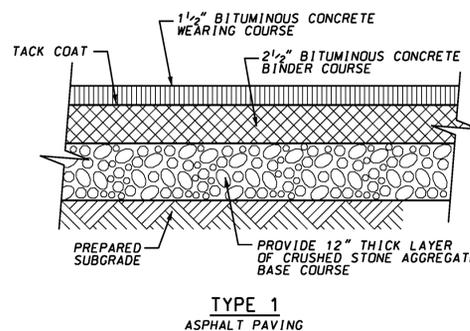
REVISION HISTORY						
REV	DATE	DESCRIPTION	BY	CHK	APP	
0	8-05-24	ISSUED FOR CONSTRUCTION	EJO	AS	ZM	



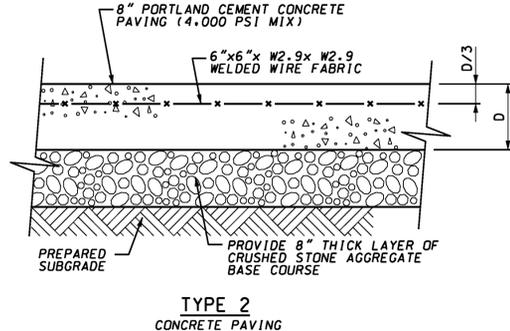
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**KPSW PROJECT SAGUARO
 TYPICAL ROAD CROSS SECTIONS**

DRAWN	EJO	CHECKED	AS	APPROVED	CS	DATE	7-30-24
SCALE	AS NOTED	DRAWING NUMBER					
PROJ	218356	KPS-SLT-K11-900-1-006					



TYPE 1
ASPHALT PAVING



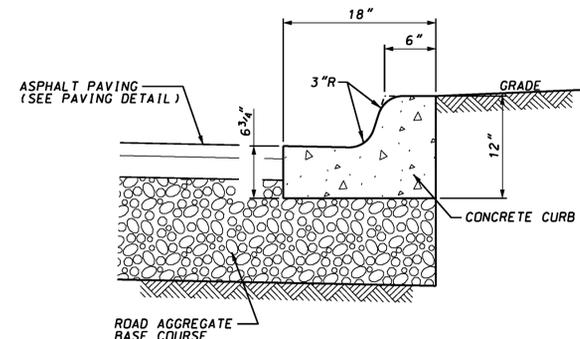
TYPE 2
CONCRETE PAVING

NOTES:

1. THE SUBGRADE SHOULD BE PROOF-ROLLED TO DETECT ANY SOFT OR LOOSE SURFACE ZONES AND TO COMPACT ON GRADE PRIOR TO SPREADING THE AGGREGATE BASE COURSE. ANY UNSTABLE SOILS WHICH ARE DETECTED BY THE PROOF-ROLLING, AND WHICH CANNOT BE STABILIZED BY ADDITIONAL COMPACTION, SHOULD BE EXCAVATED TO STABLE SOIL OR TO A MAXIMUM DEPTH OF 2 FEET, WHICHEVER OCCURS FIRST AND REPLACED WITH COMPACTED STRUCTURAL FILL. METHODS & MATERIALS OF CONSTRUCTION SHALL BE PER THE PROJECT SPECIFICATION.
2. ASPHALT PAVING SHALL BE PLACED IN ACCORDANCE WITH PROJECT SPECIFICATIONS. USE OF NEW MEXICO DEPARTMENT OF TRANSPORTATION (NMDOT) MAY BE USED AS AN APPROVED ALTERNATE.

TYPICAL PAVING DETAILS

NOT TO SCALE

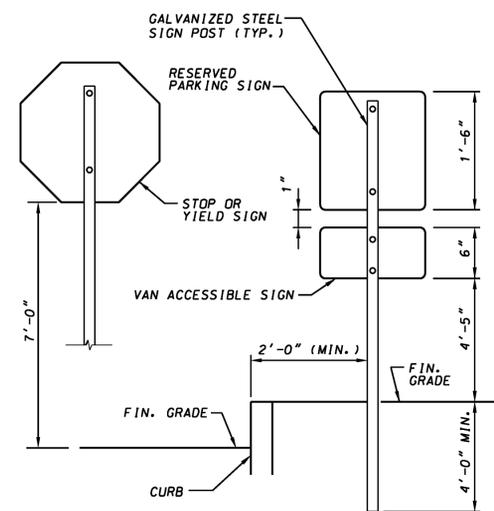


CONCRETE CURB DETAIL

NOT TO SCALE

NOTES:

1. FOR CURB ADJACENT TO ASPHALT PAVING, PROVIDE CONTRACTION JOINTS AT 12" MAXIMUM SPACING. CONTRACTION JOINTS SHALL BE EITHER SAWED OR TOOLED TO A MINIMUM DEPTH OF 1" DEEP.
2. EDGES SHALL BE TOOLED WITH A 3/8" EDGING TOOL.
3. PROVIDE PREFORMED EXPANSION JOINT MATERIAL BETWEEN CURB AND SIDEWALK OR CONCRETE DRIVEWAYS, WHERE APPLICABLE.



ELEVATION

STANDARD SIGN DETAILS

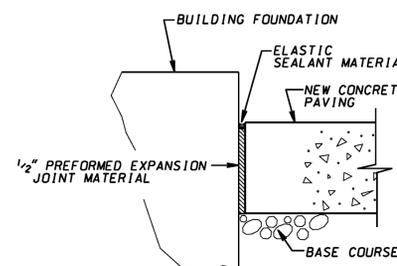
NOT TO SCALE

NOTES:

1. REFER TO DRAWING No. KPS-SLT-K11-900-1-002 FOR GENERAL NOTES AND LIST OF REFERENCE DRAWINGS.

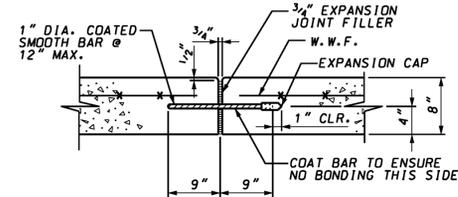
SIGNS:

1. ALL SIGNS SHALL BE REFLECTORIZED.
2. ALL POSTS SHALL BE OF ADEQUATE LENGTH TO MEET THE REQUIREMENTS FOR ERECTION AS STATED IN THE CURRENT "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS".
3. TWO PIECE STEEL POSTS SHALL BE EMBEDDED 3'-8" MIN. ONE PIECE STEEL POST SHALL BE EMBEDDED 3'-6" MAX.
4. ALL STEEL POSTS AND BRACKETS SHALL BE CUT, BENT AND HOLES PUNCHED AND DRILLED BEFORE GALVANIZING.
5. BOLTS SHALL NOT PROTRUDE MORE THAN 3/4" BEYOND THE NUT WHEN TIGHT BUT SHALL ENGAGE ALL THREADS IN THE NUT.
6. THE MINIMUM VERTICAL CLEARANCE REQUIREMENTS FOR SIGNS ARE:
EDGE OF PAVEMENT TO BOTTOM OF SIGN AS PER SECTION 2A-23 OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS".
GROUNDLINE TO BOTTOM OF SIGN SHALL BE 7 FEET.
FOR SINGLE POST INSTALLATIONS, THE MINIMUM DISTANCE FROM GROUNDLINE TO THE TOP OF SIGN MUST BE 9 FEET.
7. ALL SIGNS DISPLACED BY CONSTRUCTION SHALL BE RESET OR RELOCATED TO AN APPROPRIATE LOCATION IF SIGN IS STILL APPLICABLE.
8. ANY NEW SIGN OR EXISTING SIGN IN THE PROJECT AREA THAT IS INCONSISTANT WITH THE NORMAL FLOW OF TRAFFIC SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER.



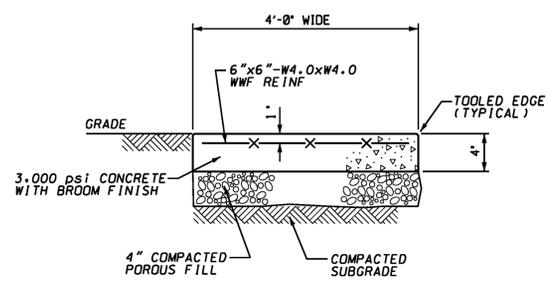
TYPICAL ISOLATION JOINT DETAIL

NOT TO SCALE



TYPICAL EXPANSION or CONSTRUCTION JOINT DETAIL

NOT TO SCALE



TYPICAL SIDEWALK DETAIL

NOT TO SCALE



MUTCD I.D. NO. R1-1 (2'-0" x 2'-0")



MUTCD I.D. NO. R7-8 (1'-6" x 1'-0")



(0'-6" x 1'-0")



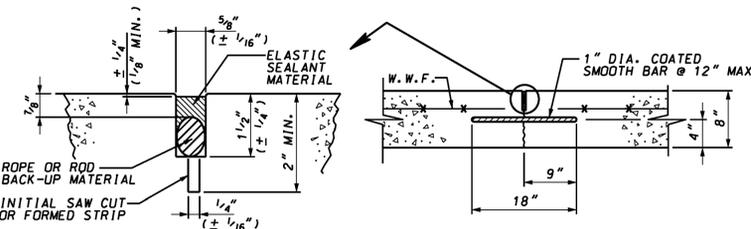
MUTCD I.D. NO. P1-2 (1'-6" x 1'-0")

NOTE:

SIGNAGE SHALL BE IN ACCORDANCE WITH THE MOST RECENT EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND THE "AMERICANS WITH DISABILITIES ACT".

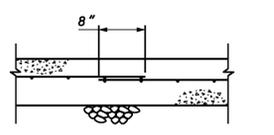
PAVEMENT STRIPPING:

1. PAVEMENT MARKING COLORS - REQUIRED ACCESSIBLE PARKING SPACES, ACCESS AISLE STRIPING AND OTHER OPTIONAL PAVEMENT MARKINGS, SUCH AS THE INTERNATIONAL ACCESS SYMBOL, SHALL BE PAINTED A REFLECTIVE "BRIGHT BLUE".
2. PEDESTRIAN CROSSING LINES SHALL BE SOLID WHITE LINES MARKING BOTH EDGES OF THE CROSSWALK. LINES SHALL BE NOT LESS THAN SIX (6") INCHES WIDE AND NOT FURTHER THAN SIX (6") FEET APART. LINES ON BOTH SIDES OF THE CROSSWALK SHALL EXTEND ACROSS THE FULL LENGTH OF THE PAVEMENT. WHEN A CROSSWALK IS INDICATED AT A STOP SIGN THERE SHALL BE A FOUR (4') FEET GAP BETWEEN THE STOP LINE AND THE PEDESTRIAN CROSSING.



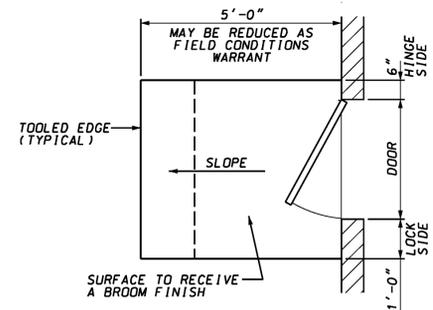
TYPICAL CONTRACTION or CONTROL JOINT DETAIL

NOT TO SCALE



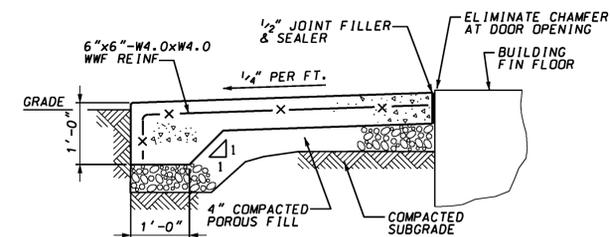
TYPICAL LAP DETAIL FOR WELDED WIRE FABRIC

NOT TO SCALE

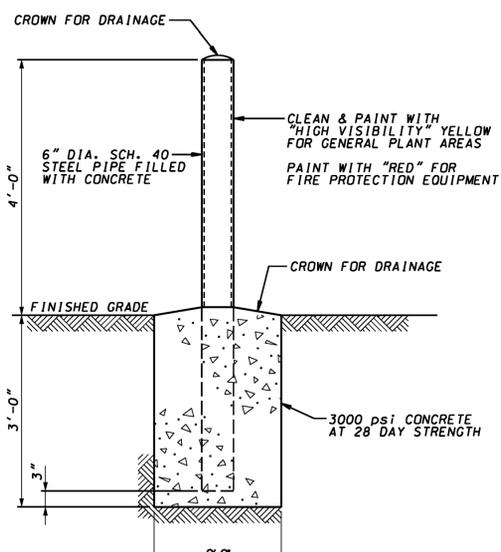


TYPICAL DOOR PAD DETAIL

NOT TO SCALE

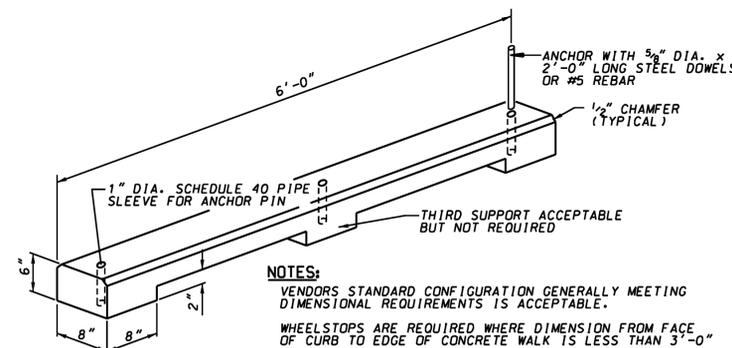


SECTION



GUARD POST (BOLLARD) DETAIL

NOT TO SCALE



CONCRETE WHEELSTOP DETAIL

NOT TO SCALE

NOTES:

- VENDORS STANDARD CONFIGURATION GENERALLY MEETING DIMENSIONAL REQUIREMENTS IS ACCEPTABLE.
- WHEELSTOPS ARE REQUIRED WHERE DIMENSION FROM FACE OF CURB TO EDGE OF CONCRETE WALK IS LESS THAN 3'-0"

REVISION HISTORY

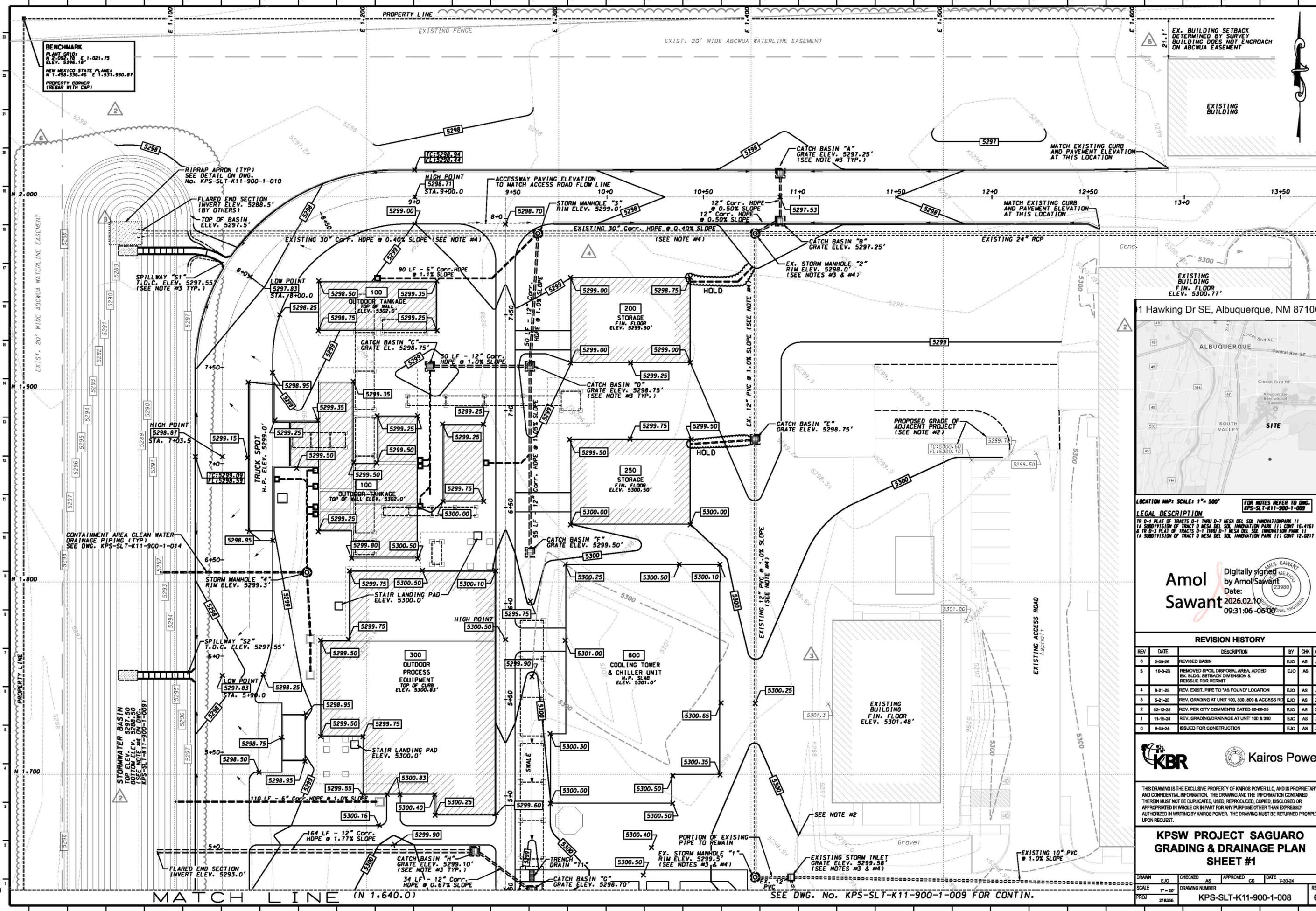
REV	DATE	DESCRIPTION	BY	CHK	APP
0	8-05-24	ISSUED FOR CONSTRUCTION	EJO	AS	ZM



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KPSW PROJECT SAGUARO TYPICAL SITE DETAILS

DRAWN	EJO	CHECKED	AS	APPROVED	CS	DATE	7-30-24
SCALE	AS NOTED	DRAWING NUMBER					
PROJ	218356						
							REV. 0

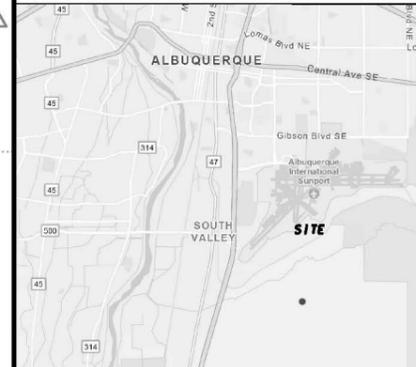


BENCHMARK
 PLANT GRID: N 2,092.78 E 1,021.75
 ELEV. 5298.18'
 NEW MEXICO STATE PLANS: N 1,458,536.46 E 1,531,930.87
 PROPERTY CORNER (REBAR WITH CAP)

EX. BUILDING SETBACK DETERMINED BY SURVEY BUILDING DOES NOT ENCRDACH ON ABCWUA EASEMENT

EXISTING BUILDING FIN. FLOOR ELEV. 5300.77'

1 Hawking Dr SE, Albuquerque, NM 87106



LOCATION MAP SCALE: 1" = 500' FOR NOTES REFER TO DWG. KPS-SLT-K11-900-1-009

LEGAL DESCRIPTION
 TR 0-1 PLAT OF TRACTS 0-1 THRU 0-7 MESA DEL SOL INNOVATION PARK 11 CONT 16.4161 AC.
 TR 0-3 PLAT OF TRACTS 0-1 THRU 0-7 MESA DEL SOL INNOVATION PARK 11
 TR 0-3 PLAT OF TRACT 0 MESA DEL SOL INNOVATION PARK 11 CONT 12.0217 AC.

Amol Sawant
 Digitally signed by Amol Sawant
 Date: 2026.02.10 09:31:06 -0600

REVISION HISTORY

REV	DATE	DESCRIPTION	BY	CHK	APP
6	2-09-26	REVISED BASIN	EJO	AS	AS
5	10-3-25	REMOVED SPILL DISPOSAL AREA, ADDED EX. BLDG. SETBACK DIMENSION & REISSUE FOR PERMIT	EJO	AS	AS
4	8-21-25	REV. EXIST. PIPE TO 'AS FOUND' LOCATION	EJO	AS	AS
3	5-21-25	REV. GRADING AT UNIT 100, 300, 800 & ACCESS RD	EJO	AS	ZM
2	02-12-25	REV. PER CITY COMMENTS DATED 02-06-25	EJO	AS	ZM
1	11-15-24	REV. GRADING/DRAINAGE AT UNIT 100 & 300	EJO	AS	ZM
0	8-05-24	ISSUED FOR CONSTRUCTION	EJO	AS	ZM

KBR Kairos Power

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KPSW PROJECT SAGUARO GRADING & DRAINAGE PLAN SHEET #1

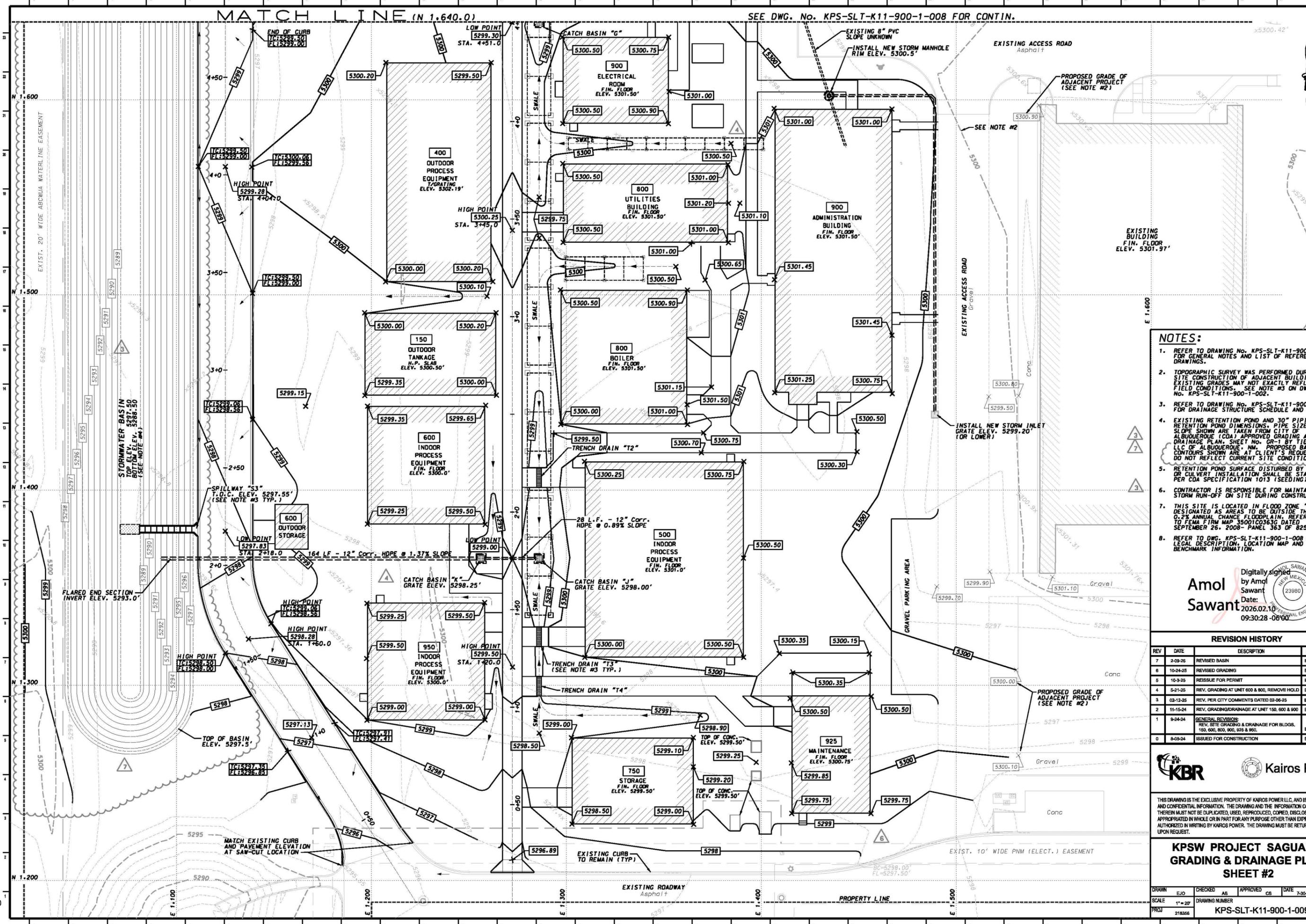
DRAWN	EJO	CHECKED	AS	APPROVED	CS	DATE	7-30-24
SCALE	1" = 20'	DRAWING NUMBER					
PROJ	218356						

ARCH D 24X36

SEE DWG. NO. KPS-SLT-K11-900-1-009 FOR CONTIN.

MATCH LINE (N 1.640.0)

SEE DWG. No. KPS-SLT-K11-900-1-008 FOR CONTIN.



NOTES:

- REFER TO DRAWING No. KPS-SLT-K11-900-1-002 FOR GENERAL NOTES AND LIST OF REFERENCE DRAWINGS.
- TOPOGRAPHIC SURVEY WAS PERFORMED DURING SITE CONSTRUCTION OF ADJACENT BUILDINGS. EXISTING GRADES MAY NOT EXACTLY REFLECT FIELD CONDITIONS. SEE NOTE #3 ON DWG. No. KPS-SLT-K11-900-1-002.
- REFER TO DRAWING No. KPS-SLT-K11-900-1-010 FOR DRAINAGE STRUCTURE SCHEDULE AND DETAILS.
- EXISTING RETENTION POND AND 30" PIPING. RETENTION POND DIMENSIONS, PIPE SIZE AND SLOPE SHOWN ARE TAKEN FROM CITY OF ALBUQUERQUE (COA) APPROVED GRADING AND DRAINAGE PLAN, SHEET No. GR-1 BY TIERRA WEST, LLC OF ALBUQUERQUE, NM. PROPOSED BASIN CONTOURS SHOWN ARE AT CLIENT'S REQUEST AND DO NOT REFLECT CURRENT SITE CONDITIONS.
- RETENTION POND SURFACE DISTURBED BY SPILLWAY OR CULVERT INSTALLATION SHALL BE STABILIZED PER COA SPECIFICATION 1013 (SEEDING).
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING STORM RUN-OFF ON SITE DURING CONSTRUCTION.
- THIS SITE IS LOCATED IN FLOOD ZONE "X" DESIGNATED AS AREAS TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN. REFER TO FEMA FIRM MAP 50001C0363G DATED SEPTEMBER 26, 2008 - PANEL 363 OF 825.
- REFER TO DWG. KPS-SLT-K11-900-1-008 FOR LEGAL DESCRIPTION, LOCATION MAP AND BENCHMARK INFORMATION.

Digitally signed by Amol Sawant
 Date: 2026.02.10 09:30:28 -0600

REVISION HISTORY

REV	DATE	DESCRIPTION	BY	CHK	APP
7	2-09-26	REVISED BASIN	EJO	AS	AS
6	10-24-25	REVISED GRADING	EJO	AS	AS
5	10-9-25	REISSUE FOR PERMIT	EJO	AS	AS
4	5-21-25	REV. GRADING AT UNIT 600 & 800, REMOVE HOLD	EJO	AS	AS
3	02-12-25	REV. PER CITY COMMENTS DATED 02-06-25	EJO	AS	ZM
2	11-15-24	REV. GRADING/DRAINAGE AT UNIT 150, 600 & 900	EJO	AS	ZM
1	9-24-24	GENERAL REVISIONS: REV. SITE GRADING & DRAINAGE FOR BLDGS. 150, 600, 800, 900, 925 & 950.	EJO	AS	ZM
0	8-05-24	ISSUED FOR CONSTRUCTION	EJO	AS	ZM



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**KPSW PROJECT SAGUARO
 GRADING & DRAINAGE PLAN
 SHEET #2**

DRAWN	EJO	CHECKED	AS	APPROVED	CS	DATE	7-30-24
SCALE	1" = 20'	DRAWING NUMBER	218356	PROJECT	KPS-SLT-K11-900-1-009	REV	7

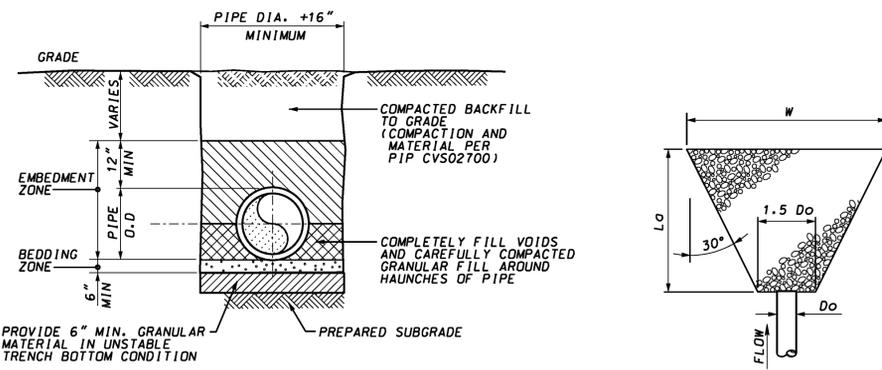
STORM MANHOLE SCHEDULE											
NAME	TYPE	COVER	LOCATION		RIM ELEV.	INLET		OUTLET		PLAN DWG. No.	REMARKS
			NORTH	EAST		PIPE DIA.	INVERT ELEV.	PIPE DIA.	INVERT ELEV.		
1	2	A	1646.6	1402.0	5299.50	12"	5292.90	12"	5292.85	900-1-008	INSTALLED BY OTHERS
2	1	A	1965.4	1402.0	5298.00	12"	5289.85	12"	5294.20	900-1-008	INSTALLED BY OTHERS
						24"	5289.90	30"	5289.80		NEW CULVERT @ EX. MANHOLE INSTALLED BY OTHERS
3	5	A	1965.4	1285.0	5299.00	8"	5297.00	15"	5295.25	900-1-008	NEW MANHOLE
						30"	5289.34	30"	5289.32		INSTALLED BY OTHERS

CATCH BASIN SCHEDULE											
NAME	TYPE	COVER	LOCATION		GRATE ELEV.	INLET		OUTLET		PLAN DWG. No.	REMARKS
			NORTH	EAST		PIPE DIA.	INVERT ELEV.	PIPE DIA.	INVERT ELEV.		
A	3	D	2012.5	1415.0	5297.25	12"	5294.75	12"	5294.75	900-1-008	
B	3	D	1987.5	1415.0	5297.25	12"	5294.55	12"	5294.50	900-1-008	
C	4	C	1900.0	1238.5	5298.75	6"	5296.75	12"	5296.25	900-1-008	
D	4	C	1900.0	1285.0	5298.75	12"	5296.00	15"	5295.75	900-1-008	
E	4	C	1874.0	1402.0	5298.75	12"	5290.70	12"	5290.70	900-1-008	NEW STRUCTURE @ EX. CULVERT
F	4	C	1815.5	1285.0	5299.50	12"	5297.00	12"	5297.00	900-1-008	
G	4	C	1637.5	1256.3	5298.70	12"	5296.20	12"	5296.20	900-1-009	
H	4	C	1622.0	1286.0	5298.70	12"	5295.90	12"	5295.90	900-1-009	
J	4	C	1385.0	1256.3	5298.70	12"	5295.75	12"	5295.75	900-1-009	
K	4	C	1385.0	1286.0	5298.70	12"	5295.50	12"	5295.50	900-1-009	

TRENCH DRAIN SCHEDULE									
NAME	LOCATION		TRENCH WIDTH	TRENCH LENGTH	GRATE ELEV.	INLET INVERT ELEV.	OUTLET INVERT ELEV.	PLAN DWG. No.	REMARKS
	NORTH	EAST							
T1	1642.3	1286.0	12"	4'	5299.35	5298.92	5298.88	900-1-008	ADJUST LOCATION WITH CONCRETE WALK OR DRIVE
T2	1965.4	1286.0	12"	10'	5298.00	5298.50	5298.37	900-1-009	
T3	1325.0	1286.0	12"	10'	5299.80	5298.60	5298.50	900-1-009	

NOTES

- REFER TO DRAWING No. KPS-SLT-K11-900-1-002 FOR GENERAL NOTES AND LIST OF REFERENCE DRAWINGS.
- PRECAST CONCRETE MANHOLE SHALL BE ROUND CONFORMING TO THE REQUIREMENTS SPECIFIED IN THE LATEST EDITION OF ASTM C478. MINIMUM INSIDE CLEAR DIMENSION SHALL BE 48 INCHES. IN ADDITION TO LATERAL LOADS DUE TO EARTH PRESSURE, MANHOLES SHALL BE DESIGNED FOR AASHTO HS20-44 TRUCK LOADING, INCLUDING IMPACT.
- PRECAST CONCRETE CATCH BASINS SHALL BE EITHER ROUND OR SQUARE, CONFORMING TO THE REQUIREMENTS SPECIFIED IN THE LATEST EDITION OF ASTM C478 OR C913, RESPECTIVELY MINIMUM INSIDE CLEAR DIMENSION SHALL BE 48 INCHES, UNLESS OTHERWISE NOTED. IN ADDITION TO LATERAL LOADS DUE TO EARTH PRESSURE, CATCH BASINS SHALL BE DESIGNED FOR AASHTO HS20-44 TRUCK LOADING, INCLUDING IMPACT.
- HEAVY-DUTY FRAME AND GRATE/COVER SHALL BE AS MANUFACTURED BY EAST JORDON IRON WORKS OF SMYRNA, GEORGIA OR ENGINEER APPROVED EQUAL. MANHOLE COVER AND CATCH BASIN GRATE TYPES SHALL BE AS FOLLOWS:
 TYPE A: MODEL No. 1020 TYPE 'A' MANHOLE SOLID COVER & FRAME FURNISHED WITH CAST-IN LETTERING READING "STORM"
 TYPE B: MODEL No. 1720 CATCH BASIN INLET FRAME & TYPE 'P' CONCAVE GRATE
 TYPE C: MODEL No. 5370 SQUARE CATCH BASIN INLET FRAME & GRATE
 TYPE D: MODEL No. 7075 CURB INLET FRAME, TYPE 'M1' GRATE & ADJUSTABLE CURB BOX
- FACE OF PIPE FLUSH OR NOT TO PROJECT MORE THAN 4" FROM FACE OF WALL ALONG CENTERLINE OF PIPE.
- HEIGHT OF INTERMEDIATE RISER SECTION VARY FROM 1' TO 4'.
- PIPES TO CATCH BASIN JOINTS SHALL BE COMPLETELY SEALED AS TO NOT ALLOW ANY GROUNDWATER INTRUSION.
- MANHOLE STEPS SHALL BE ORIENTED SO AS NOT TO INTERFERE WITH PIPE OPENINGS AND EXTEND TO 12" FROM BOTTOM OF THE STRUCTURE. STEPS MAY BE ELIMINATED FOR STRUCTURE WITH A DEPTH LESS THAN 32" OR LESS THAN 48" CLEAR OPENING.
- PIPE BEDDING MATERIAL SHALL BE WELL GRADED SOIL WITH NO MORE THAN 15% PASSING A No. 200 SIEVE. MAXIMUM PARTICLE SIZE SHALL NOT EXCEED ONE INCH. EMBEDMENT AND BEDDING ZONE MATERIAL SHALL BE TYPE "SC", "SM", "SW", "SP", "CW" OR "CP" PER THE UNIFIED SOIL CLASSIFICATION SYSTEM COMPACTED TO 95% DRY DENSITY PER ASTM D1557. SOILS CLASSIFIED AS "ML", "CL", "MH", "CH" OR "OH" ARE NOT ACCEPTABLE FOR COMPACTION.
- GEOTECHNICAL FABRIC BELOW RIPRAP LINING SHALL BE MIRAFI NON-WOVEN TYPE 140N OR ENGINEER APPROVED EQUAL.



- NOTES:**
- EMBODIMENT AND BEDDING ZONE MATERIAL SHALL BE TYPE "SC", "SM", "SW", "SP", "CW" OR "CP" PER THE UNIFIED SOIL CLASSIFICATION SYSTEM COMPACTED TO 95% DRY DENSITY PER ASTM D1557.
 - SOILS CLASSIFIED "ML", "CL", "MH", "CH" OR "OH" ARE NOT ACCEPTABLE FOR COMPACTION.
 - CITY OF ALBUQUERQUE SECTION 2200, DWG. 2240 MAY BE USED AS AN APPROVED ALTERNATIVE.

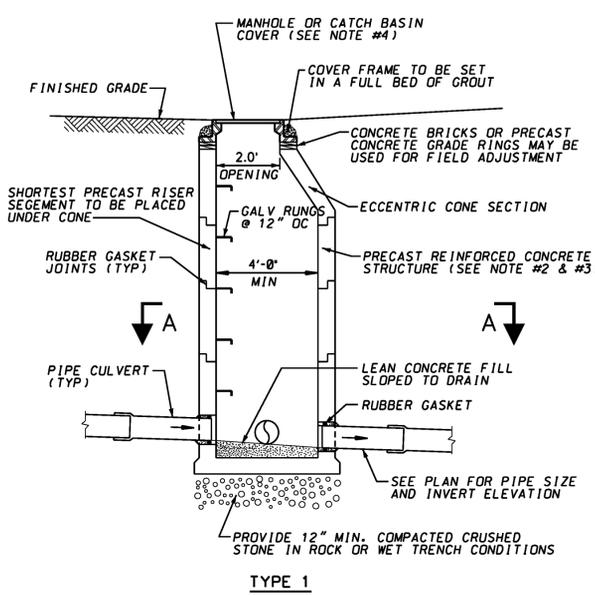
SCHEDULE				
CULVERT SIZE (Do)	APRON WIDTH (W)	APRON LENGTH (Lo)	STONE SIZE (d50)	REMARKS
12"	6'	9'	1"	
30"	12'	20'	9"	BY OTHERS
SPILLWAY	5'	10'	1"	

RIPRAP NOTES:

- 50% BY WEIGHT OF THE RIPRAP SHALL BE SMALLER THAN THE MEDIAN STONE SIZE, AS DESIGNATED BY d_{50} , AND 50% BY WEIGHT SHALL BE LARGER. RIPRAP SHALL BE WELL GRADED AND THE LARGEST STONE SHALL NOT EXCEED 1.5 TIMES THE d_{50} SIZE.
- RIPRAP APRON THICKNESS SHALL EQUAL 3 TIMES THE d_{50} STONE SIZE.

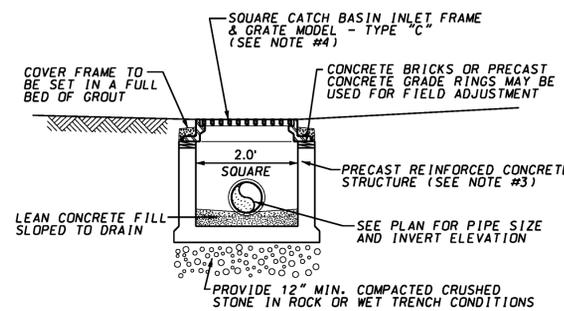
RIPRAP APRON DETAIL

NOT TO SCALE



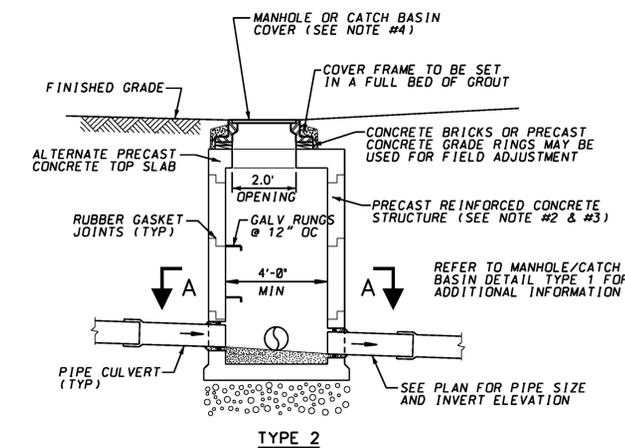
TYPICAL MANHOLE/CATCH BASIN DETAIL

NOT TO SCALE



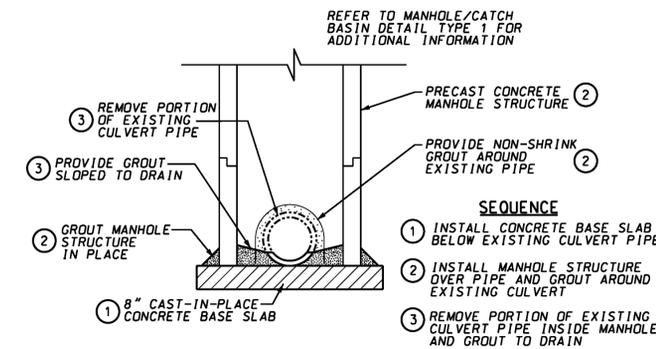
TYPICAL CATCH BASIN DETAIL

NOT TO SCALE



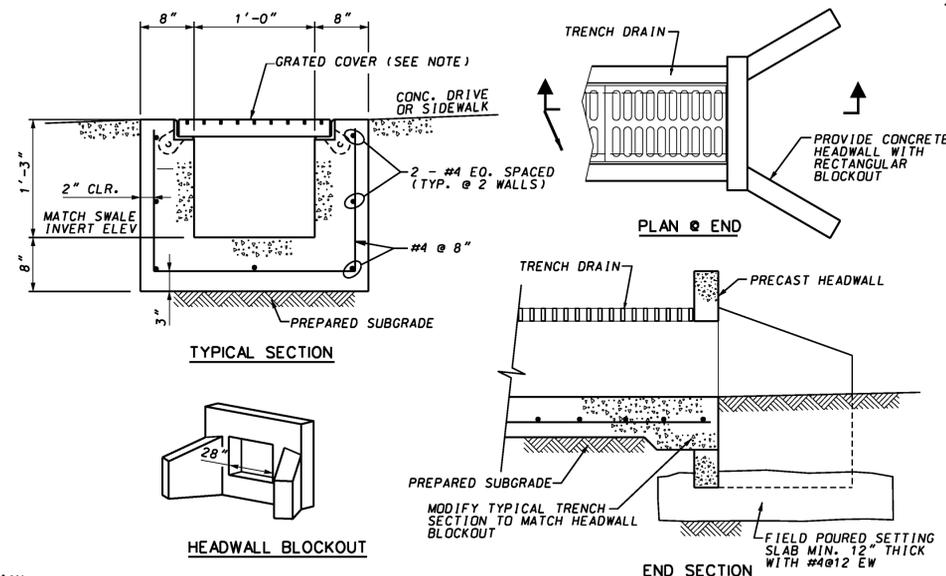
TYPICAL MANHOLE/CATCH BASIN DETAIL

NOT TO SCALE



TYPICAL MANHOLE DETAIL

NOT TO SCALE

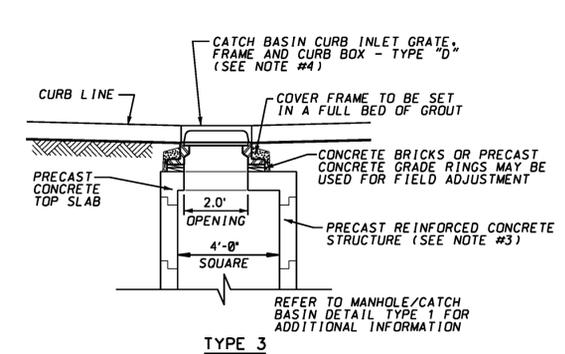


NOTES:

- GRATED COVER TO BE HEAVY-DUTY TRENCH FRAME & GRATE MODEL No V-7312 AS MANUFACTURED BY EAST JORDON IRON WORKS OF SMYRNA, GEORGIA OR ENGINEER APPROVED EQUAL.
- REINFORCED CONCRETE SHALL MEET ALL APPLICABLE REQUIREMENTS OF ACI 318. COMPRESSIVE STRENGTH OF CONCRETE SHALL BE 4,000 PSI (MINIMUM) AT 28 DAYS. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60.
- A PREFORMED, MANUFACTURED TRENCH SYSTEM IS AN ACCEPTABLE ALTERNATIVE WITH ENGINEER'S APPROVAL.

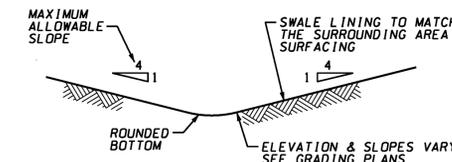
TRENCH DRAIN DETAIL

NOT TO SCALE



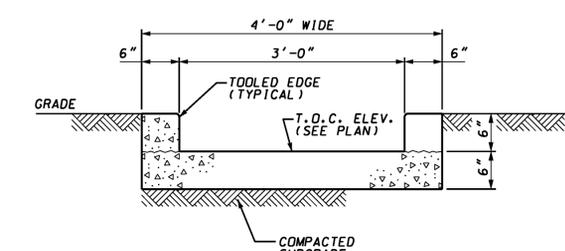
TYPICAL CATCH BASIN DETAIL

NOT TO SCALE



DRAINAGE SWALE DETAIL

NOT TO SCALE



NOTES:

- REFER TO GRADING PLANS KPS-SLT-K11-900-1-008 AND KPS-SLT-K11-900-1-009 FOR LOCATION AND ELEVATIONS.
- CONCRETE SHALL BE MINIMUM 3,000 PSI STRENGTH AT 28 DAYS.
- SPLAY UPSTREAM END 7'-0" WIDE AND MERGE INTO ROADWAY CURBING.

TYPICAL SPILLWAY DETAIL

NOT TO SCALE

REVISION HISTORY

REV	DATE	DESCRIPTION	BY	CHK	APP
0	8-05-24	ISSUED FOR CONSTRUCTION	EJO	AS	ZM



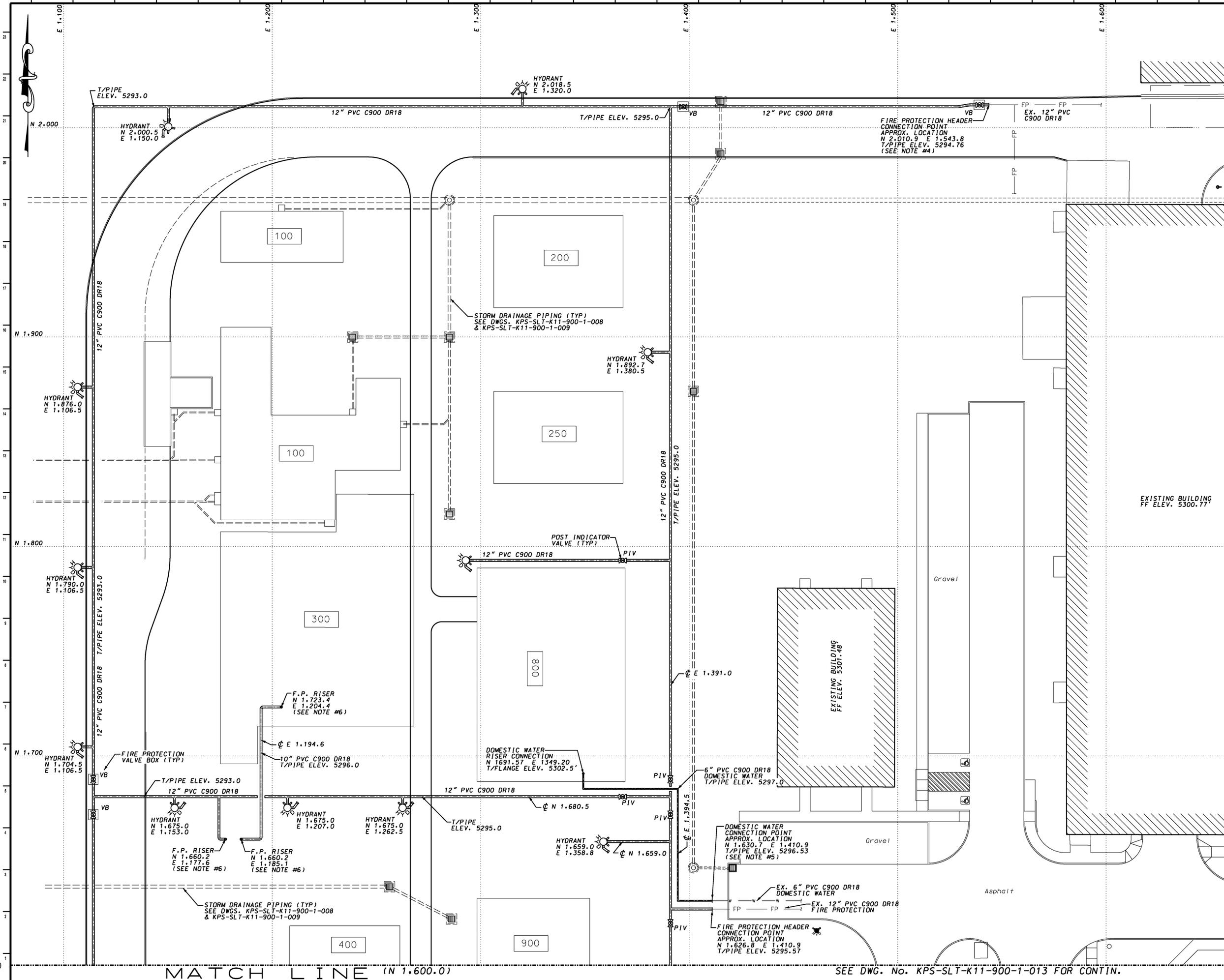
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KPSW PROJECT SAGUARO TYPICAL DRAINAGE DETAILS

DRAWN	EJO	CHECKED	AS	APPROVED	CS	DATE	7-30-24
SCALE	AS NOTED	DRAWING NUMBER					
PROJ	218356					KPS-SLT-K11-900-1-010	REV. 0

NOTES:

1. REFER TO DRAWING No. KPS-SLT-K11-900-1-002 FOR GENERAL NOTES AND LIST OF REFERENCE DRAWINGS.
2. ALL COORDINATES SHOWN FOR BASED ON THE PLANT COORDINATE SYSTEM. REFER TO DWG. No. KPS-SLT-K11-900-1-002 FOR BENCHMARK INFORMATION.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BARRICADES NECESSARY TO PROTECT THE PUBLIC FROM THE WORK AREA.
4. FIRE PROTECTION EQUIPMENT AND PIPING SHALL BE DESIGNED AND INSTALLED PER UNDERGROUND FIRE WATER LOOP SPECIFICATION & SCOPE OF WORK DOCUMENT No. N212-KBR-FP-SPEC-G10-0002.
5. DOMESTIC WATER AND SANITARY SEWER PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY (ABCWUA) SPECIFICATIONS.
6. FINAL RISER LOCATION MUST BE COORDINATED WITH FIRE SPRINKLER CONTRACTOR.
7. REFER TO DWG. No. KPS-SLT-K11-900-1-012 FOR UNDERGROUND UTILITY DETAILS.



REVISION HISTORY					
REV	DATE	DESCRIPTION	BY	CHK	APP
0	8-05-24	ISSUED FOR CONSTRUCTION	EJO	AS	ZM



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**KPSW PROJECT SAGUARO
UNDERGROUND UTILITY PLAN
SHEET #1**

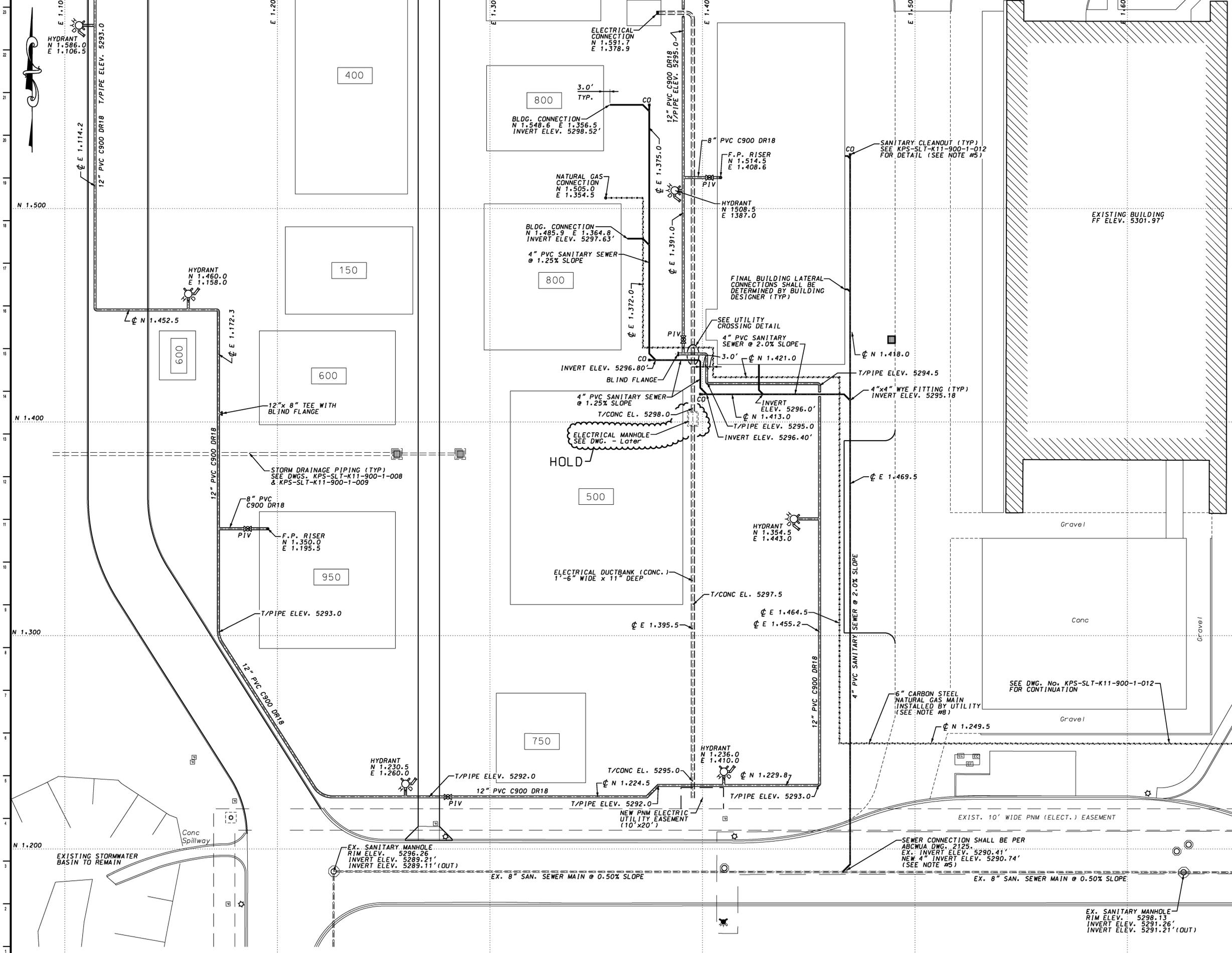
DRAWN	EJO	CHECKED	AS	APPROVED	CS	DATE	7-30-24
SCALE	1" = 20'	DRAWING NUMBER			REV.		
PROJ	218356	KPS-SLT-K11-900-1-011					0

ARCHD
24X36

MATCH LINE (N 1,600.0)

SEE DWG. No. KPS-SLT-K11-900-1-013 FOR CONTIN.

- NOTES:**
- REFER TO DRAWING No. KPS-SLT-K11-900-1-002 FOR GENERAL NOTES AND LIST OF REFERENCE DRAWINGS.
 - ALL COORDINATES SHOWN FOR BASED ON THE PLANT COORDINATE SYSTEM. REFER TO DWG. No. KPS-SLT-K11-900-1-002 FOR BENCHMARK INFORMATION.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BARRICADES NECESSARY TO PROTECT THE PUBLIC FROM THE WORK AREA.
 - FIRE PROTECTION EQUIPMENT AND PIPING SHALL BE DESIGNED AND INSTALLED PER UNDERGROUND FIRE WATER LOOP SPECIFICATION & SCOPE OF WORK DOCUMENT No. N212-KBR-FP-SPEC-G10-0002.
 - DOMESTIC WATER AND SANITARY SEWER PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY (ABCWUA) SPECIFICATIONS.
 - FINAL RISER LOCATION MUST BE COORDINATED WITH FIRE SPRINKLER CONTRACTOR.
 - REFER TO DWG. No. KPS-SLT-K11-900-1-012 FOR UNDERGROUND UTILITY DETAILS.
 - LOCATION AND SIZE OF CARBON STEEL NATURAL GAS MAIN SHOWN SHALL BE VERIFIED WITH THE GAS UTILITY COMPANY PRIOR TO INSTALLATION.



HOLD LOG:
 01 ELECTRICAL MANHOLE
 FINAL MANHOLE LOCATION AND DETAILS ARE PENDING.

REVISION HISTORY					
REV	DATE	DESCRIPTION	BY	CHK	APP
0	8-05-24	ISSUED FOR CONSTRUCTION	EJO	AS	ZM



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**KPSW PROJECT SAGUARO
 UNDERGROUND UTILITY PLAN
 SHEET #2**

DRAWN	EJO	CHECKED	AS	APPROVED	CS	DATE	7-30-24
SCALE	1" = 20'		DRAWING NUMBER		KPS-SLT-K11-900-1-013		
PROJ	218356					REV	0

1

2

3

4

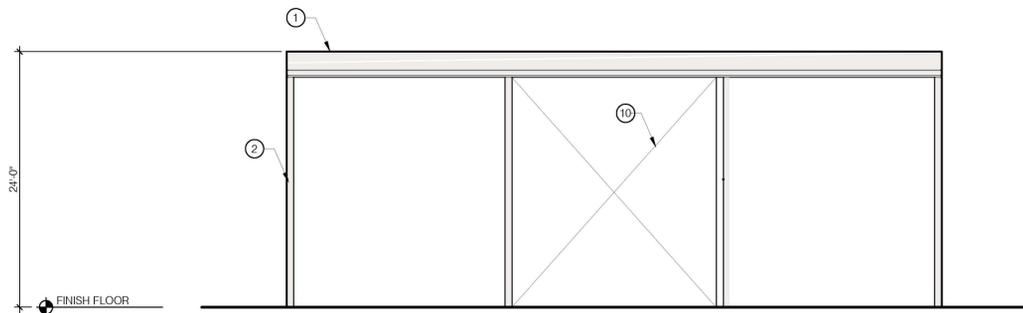
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A

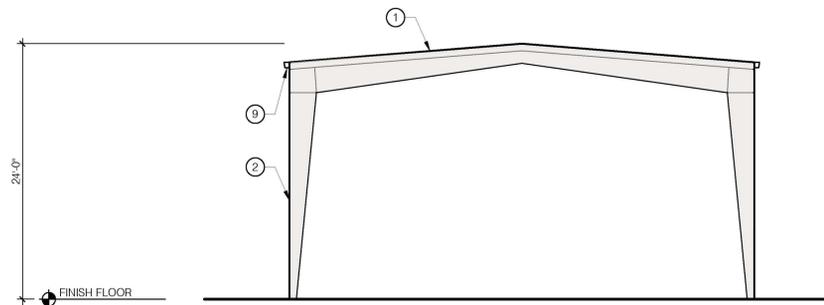
B

C

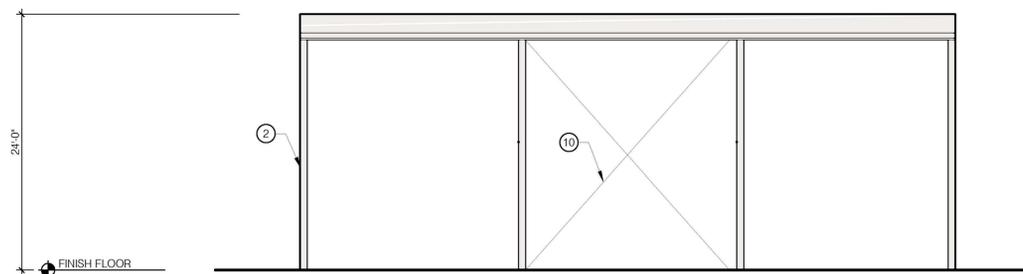
D



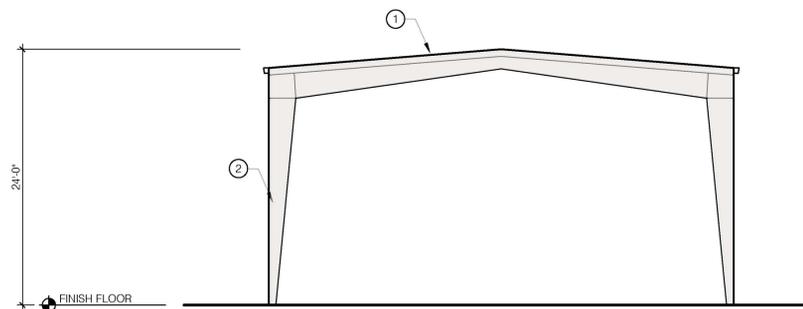
B1 SOUTH ELEVATION
A-500 SCALE: 1/8" = 1'-0"



B3 WEST ELEVATION
A-500 SCALE: 1/8" = 1'-0"

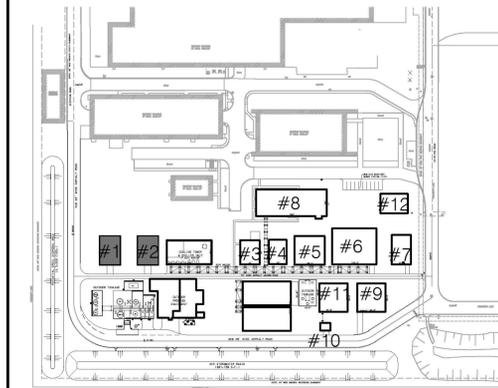


D1 NORTH ELEVATION
A-500 SCALE: 1/8" = 1'-0"



D3 EAST ELEVATION
A-500 SCALE: 1/8" = 1'-0"

SITE PLAN KEY



KEY NOTES:

- | | |
|--|---------------------------------|
| 1. LOW SLOPE METAL ROOF (1:12-4:12 PITCH) | 15. PARAPET WALL |
| 2. PRE ENGINEERED METAL FRAME BUILDING | 16. HORIZONTAL METAL WALL PANEL |
| 3. METAL SIDING TO MATCH EXISTING | 17. FROSTED WINDOW GLAZING |
| 4. METAL DOOR | 18. LOW SLOPE TPO ROOF |
| 5. STEEL COILING DOOR | 19. EXTERIOR STAIRS |
| 6. STOREFRONT DOOR SYSTEM | 20. STEEL WALKING PLATFORM |
| 7. WINDOW | 21. STEEL FRAME EXTENSION, TYP |
| 8. STEEL AWNING | |
| 9. GUTTER | |
| 10. DIAGONAL BRACING | |
| 11. METAL TRIM | |
| 12. PARAPET WITH METAL COPING | |
| 13. STEEL SUPPORT STRUCTURE WITH PROCESS PIPING THROUGHOUT | |
| 14. MECHANICAL PENETRATION | |

LEGEND:

- METAL SIDING (ASH GREY (25) TO MATCH EXISTING)
- METAL SIDING (ASH GREY (25) TO MATCH EXISTING)

NOT FOR CONSTRUCTION

KAIROS POWER FACILITY
SALT PLANT EXPANSION
NOT FOR CONSTRUCTION

5201 HAWKING DRIVE SE, ALBUQUERQUE, NM 87108
TR-D-1-A MESA DEL SOL INNOVATIONPARK II (A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATIONPARK II)

LAND USE REVIEW
EXTERIOR ELEVATIONS
BUILDING 1 & 2

PROJECT NO.: 8000-22
DRAWN BY:
DATE: SEPTEMBER 17, 2024

A-500

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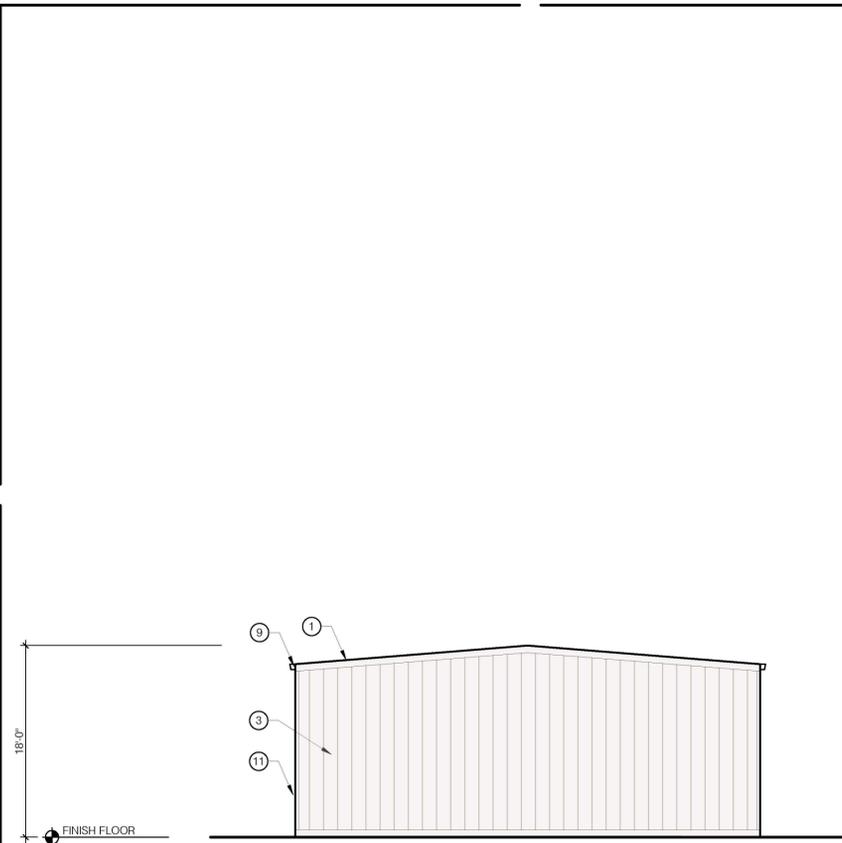
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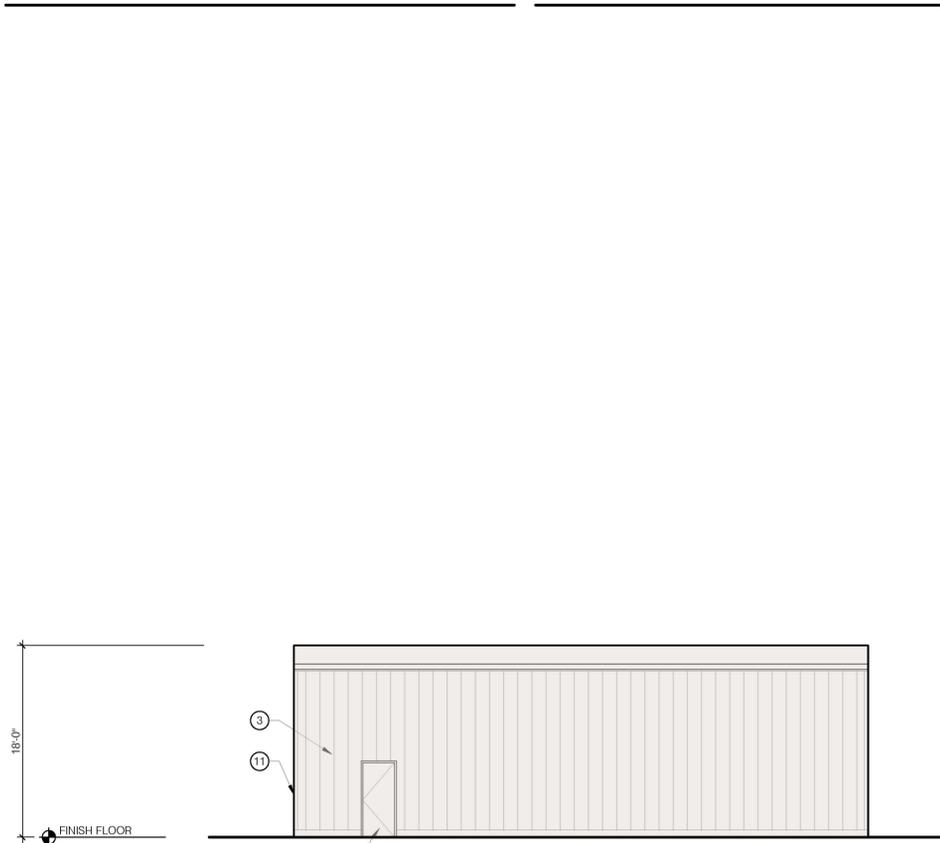
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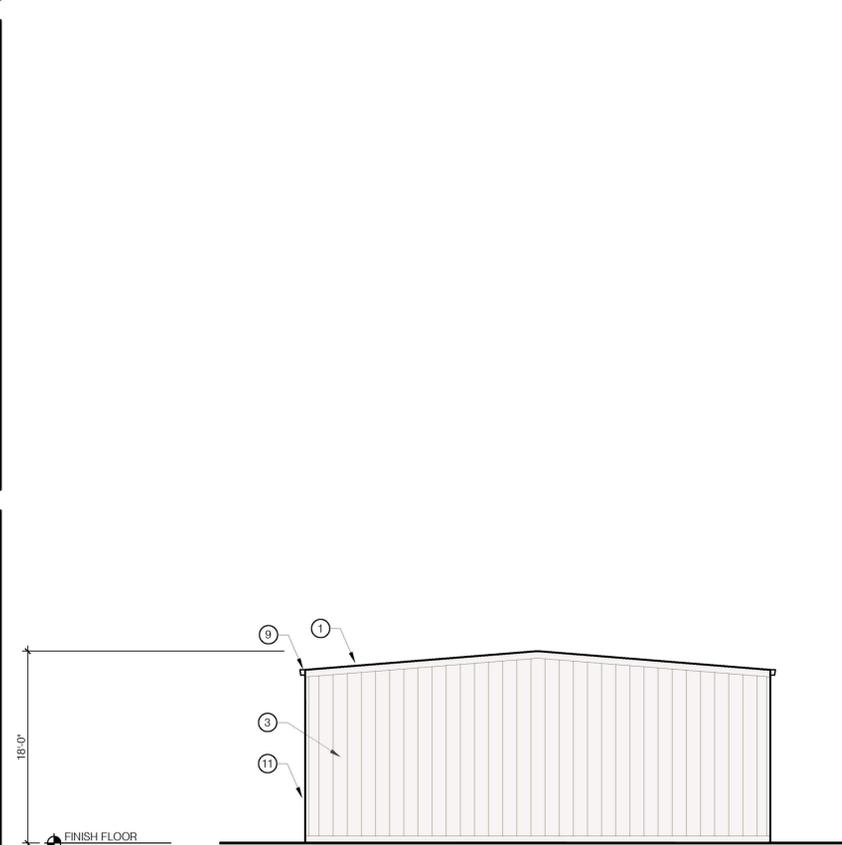
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B1 WEST ELEVATION
A-501 SCALE: 1/8" = 1'-0"



B3 NORTH ELEVATION
A-501 SCALE: 1/8" = 1'-0"

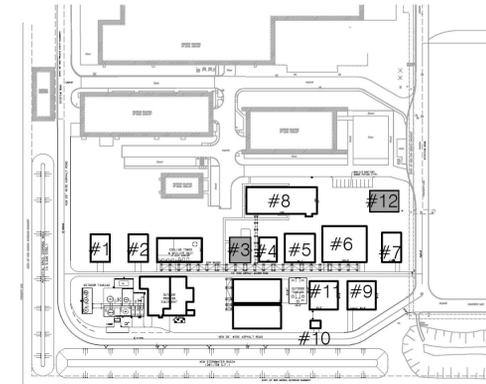


D1 EAST ELEVATION
A-501 SCALE: 1/8" = 1'-0"



D3 SOUTH ELEVATION
A-501 SCALE: 1/8" = 1'-0"

SITE PLAN KEY



KEY NOTES:

- | | |
|--|---------------------------------|
| 1. LOW SLOPE METAL ROOF (1:12-4:12 PITCH) | 15. PARAPET WALL |
| 2. PRE ENGINEERED METAL FRAME BUILDING | 16. HORIZONTAL METAL WALL PANEL |
| 3. METAL SIDING TO MATCH EXISTING BUILDING | 17. FROSTED WINDOW GLAZING |
| 4. METAL DOOR | 18. LOW SLOPE TPO ROOF |
| 5. STEEL COILING DOOR | 19. EXTERIOR STAIRS |
| 6. STOREFRONT DOOR SYSTEM | 20. STEEL WALKING PLATFORM |
| 7. WINDOW | 21. STEEL FRAME EXTENSION, TYP |
| 8. STEEL AWNING | |
| 9. GUTTER | |
| 10. DIAGONAL BRACING | |
| 11. METAL TRIM | |
| 12. PARAPET WITH METAL COPING | |
| 13. STEEL SUPPORT STRUCTURE WITH PROCESS PIPING THROUGHOUT | |
| 14. MECHANICAL PENETRATION | |

LEGEND:

- METAL SIDING (ASH GREY (25) TO MATCH EXISTING)
- METAL SIDING (ASH GREY (25) TO MATCH EXISTING)

NOT FOR CONSTRUCTION

KAIROS POWER FACILITY
SALT PLANT EXPANSION

NOT FOR CONSTRUCTION

5201 HAWKING DRIVE SE, ALBUQUERQUE, NM 87108
TR-D-1-A MESA DEL SOL INNOVATIONPARK II (A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATIONPARK II

LAND USE REVIEW

EXTERIOR ELEVATIONS
BUILDING 3 & 12

PROJECT NO.: 8000-22
DRAWN BY:
DATE: SEPTEMBER 17, 2024

A-501

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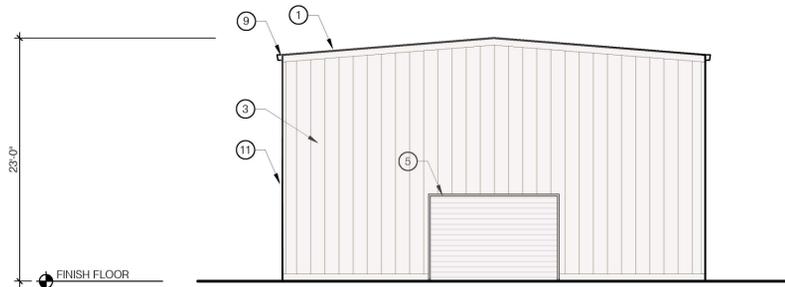
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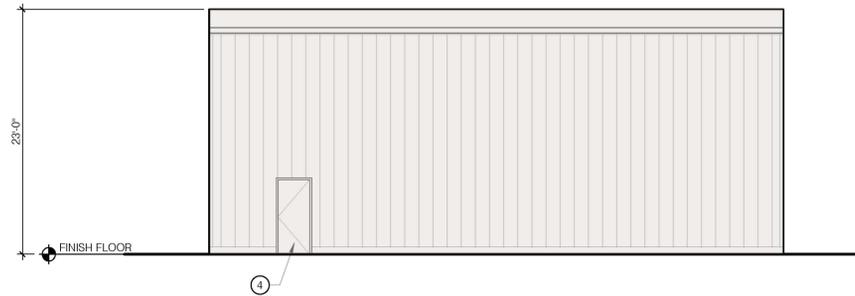
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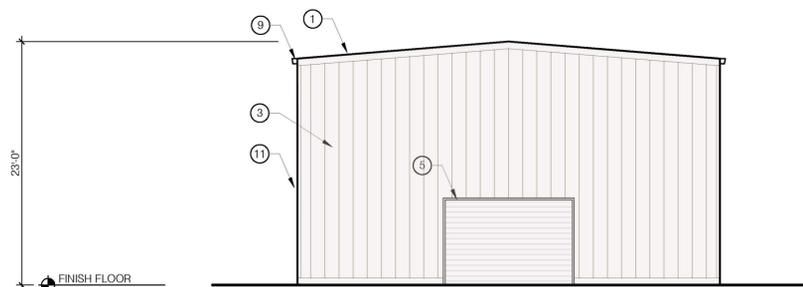
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B1 WEST ELEVATION
A-502 SCALE: 1/8" = 1'-0"



B3 NORTH ELEVATION
A-502 SCALE: 1/8" = 1'-0"

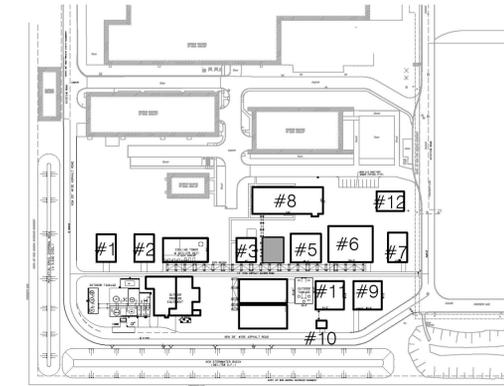


D1 EAST ELEVATION
A-502 SCALE: 1/8" = 1'-0"



D3 SOUTH ELEVATION
A-502 SCALE: 1/8" = 1'-0"

SITE PLAN KEY



KEY NOTES:

- | | |
|--|---------------------------------|
| 1. LOW SLOPE METAL ROOF (1:12-4:12 PITCH) | 15. PARAPET WALL |
| 2. PRE ENGINEERED METAL FRAME BUILDING | 16. HORIZONTAL METAL WALL PANEL |
| 3. METAL SIDING TO MATCH EXISTING | 17. FROSTED WINDOW GLAZING |
| 4. METAL DOOR | 18. LOW SLOPE TPO ROOF |
| 5. STEEL COILING DOOR | 19. EXTERIOR STAIRS |
| 6. STOREFRONT DOOR SYSTEM | 20. STEEL WALKING PLATFORM |
| 7. WINDOW | 21. STEEL FRAME EXTENSION, TYP |
| 8. STEEL AWNING | |
| 9. GUTTER | |
| 10. DIAGONAL BRACING | |
| 11. METAL TRIM | |
| 12. PARAPET WITH METAL COPING | |
| 13. STEEL SUPPORT STRUCTURE WITH PROCESS PIPING THROUGHOUT | |
| 14. MECHANICAL PENETRATION | |

LEGEND:

- METAL SIDING (ASH GREY (25) TO MATCH EXISTING)
- METAL SIDING (ASH GREY (25) TO MATCH EXISTING)

NOT FOR CONSTRUCTION

KAIROS POWER FACILITY
SALT PLANT EXPANSION

NOT FOR CONSTRUCTION

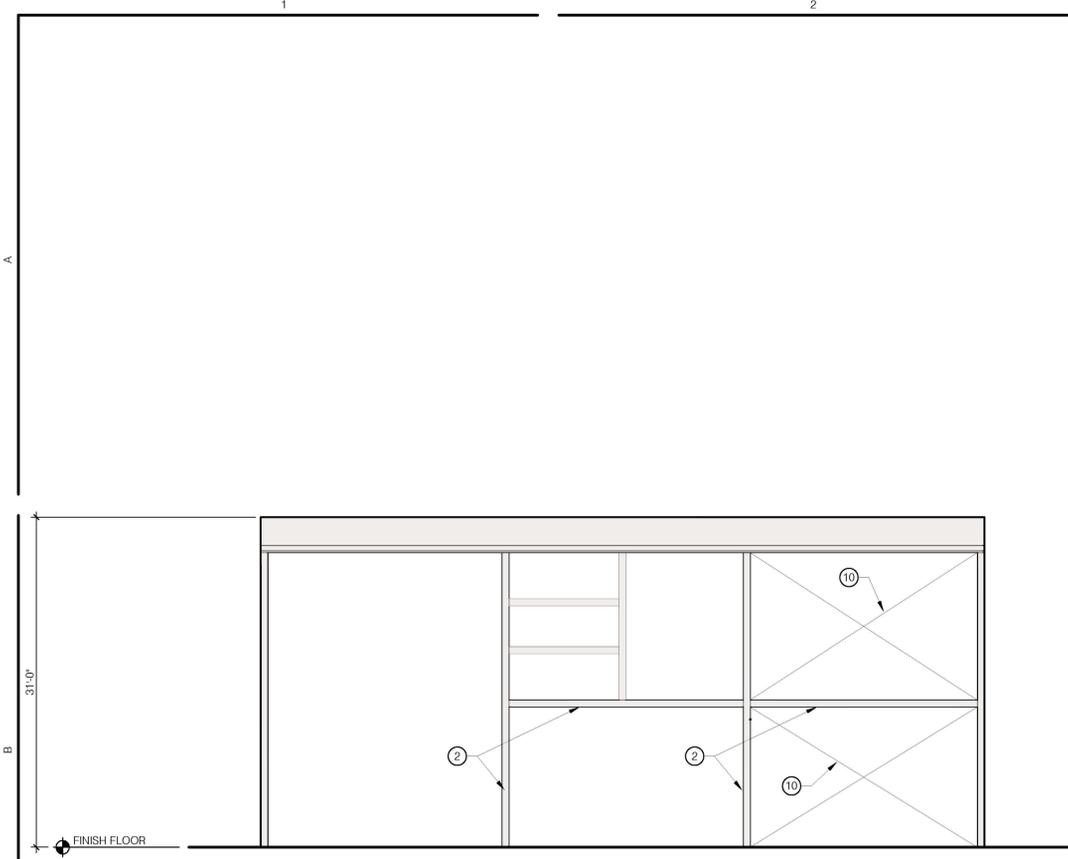
5201 HAWKING DRIVE SE, ALBUQUERQUE, NM 87108
TR-D-1-A MESA DEL SOL INNOVATIONPARK II (A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATIONPARK II)

EXTERIOR ELEVATIONS
BUILDING 4

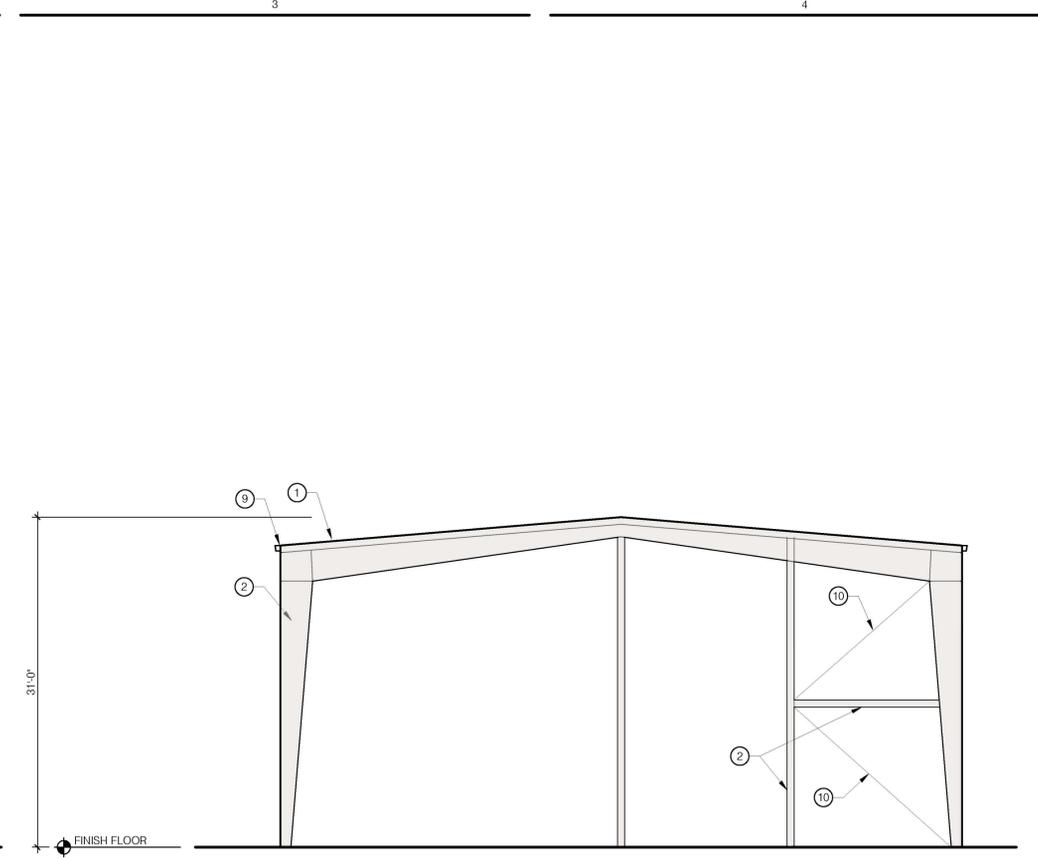
PROJECT NO.: 8000-22
DRAWN BY:
DATE: SEPTEMBER 17, 2024

A-502

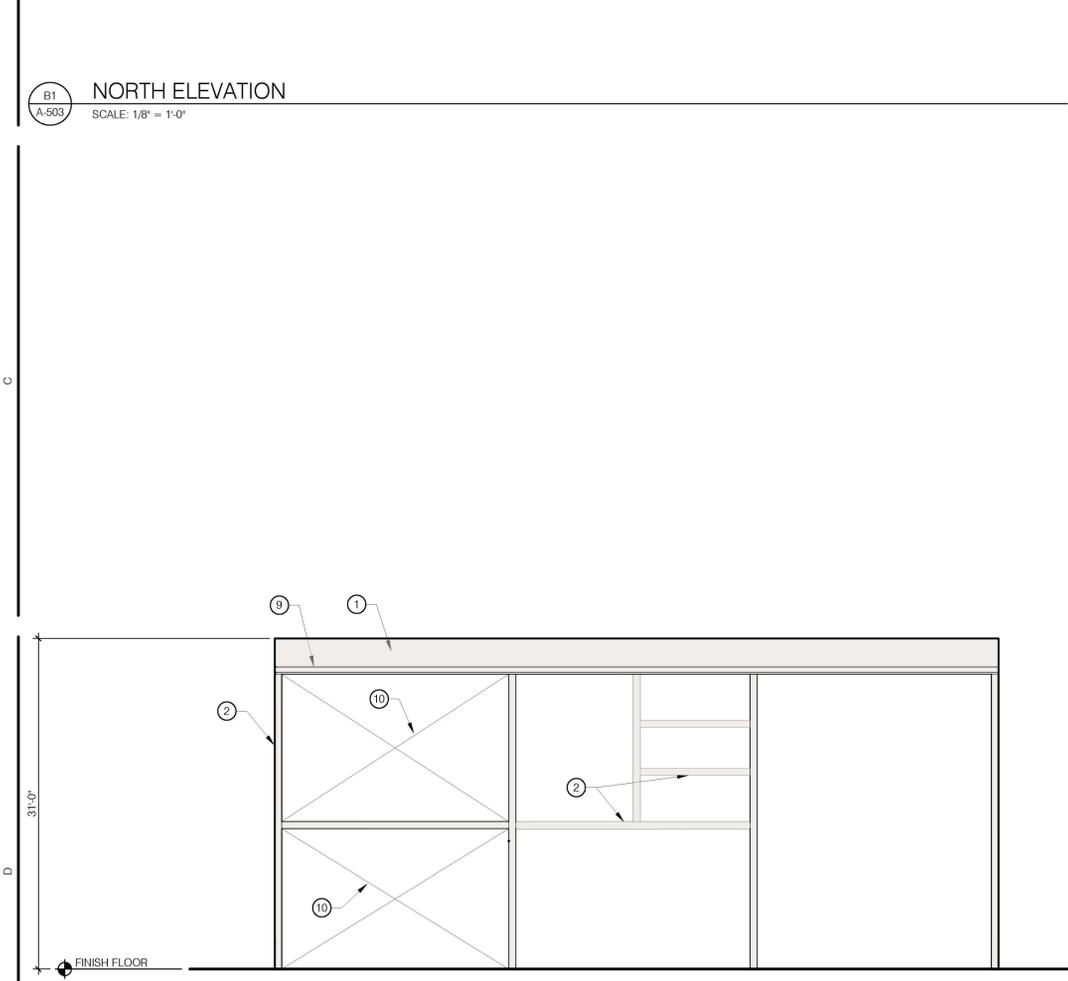
LAND USE REVIEW



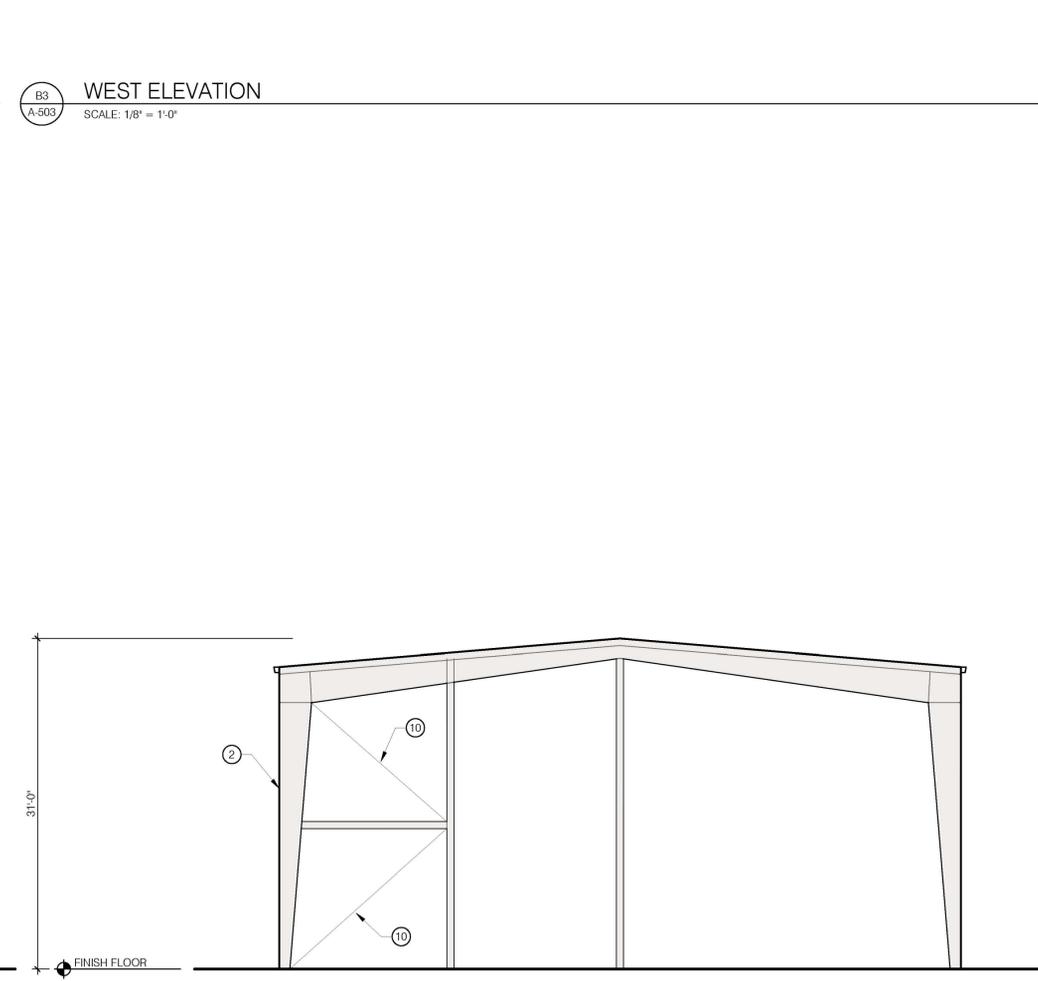
B1 NORTH ELEVATION
A-503 SCALE: 1/8" = 1'-0"



B3 WEST ELEVATION
A-503 SCALE: 1/8" = 1'-0"

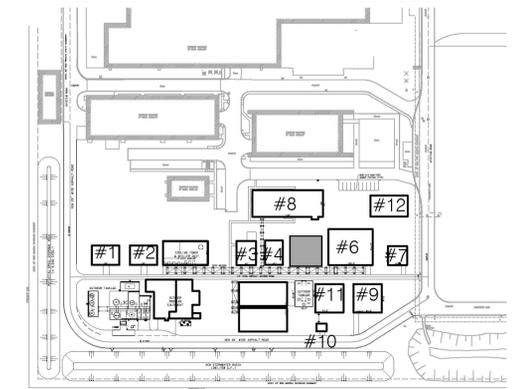


D1 SOUTH ELEVATION
A-503 SCALE: 1/8" = 1'-0"



D3 EAST ELEVATION
A-503 SCALE: 1/8" = 1'-0"

SITE PLAN KEY



KEY NOTES:

- | | |
|--|---------------------------------|
| 1. LOW SLOPE METAL ROOF (1:12-4:12 PITCH) | 15. PARAPET WALL |
| 2. PRE ENGINEERED METAL FRAME BUILDING | 16. HORIZONTAL METAL WALL PANEL |
| 3. METAL SIDING TO MATCH EXISTING | 17. FROSTED WINDOW GLAZING |
| 4. METAL DOOR | 18. LOW SLOPE TPO ROOF |
| 5. STEEL COILING DOOR | 19. EXTERIOR STAIRS |
| 6. STOREFRONT DOOR SYSTEM | 20. STEEL WALKING PLATFORM |
| 7. WINDOW | 21. STEEL FRAME EXTENSION, TYP |
| 8. STEEL AWNING | |
| 9. GUTTER | |
| 10. DIAGONAL BRACING | |
| 11. METAL TRIM | |
| 12. PARAPET WITH METAL COPING | |
| 13. STEEL SUPPORT STRUCTURE WITH PROCESS PIPING THROUGHOUT | |
| 14. MECHANICAL PENETRATION | |

LEGEND:

- METAL SIDING (ASH GREY (25) TO MATCH EXISTING)
- METAL SIDING (ASH GREY (25) TO MATCH EXISTING)

NOT FOR CONSTRUCTION

KAIROS POWER FACILITY
SALT PLANT EXPANSION

NOT FOR CONSTRUCTION

5201 HAWKING DRIVE SE, ALBUQUERQUE, NM 87108
TR-D-1-A MESA DEL SOL INNOVATIONPARK II (A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATIONPARK II)

EXTERIOR ELEVATIONS
BUILDING 5

PROJECT NO.: 8000-22
DRAWN BY:
DATE: SEPTEMBER 17, 2024

A-503

LAND USE REVIEW

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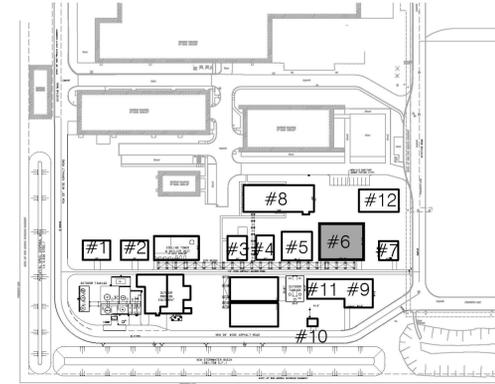
KEY NOTES:

- 1. LOW SLOPE METAL ROOF (1:12-4:12 PITCH)
- 2. PRE ENGINEERED METAL FRAME BUILDING
- 3. METAL SIDING TO MATCH EXISTING
- 4. METAL DOOR
- 5. STEEL COILING DOOR
- 6. STOREFRONT DOOR SYSTEM
- 7. WINDOW
- 8. STEEL AWNING
- 9. GUTTER
- 10. DIAGONAL BRACING
- 11. METAL TRIM
- 12. PARAPET WITH METAL COPING
- 13. STEEL SUPPORT STRUCTURE WITH PROCESS PIPING THROUGHOUT
- 14. MECHANICAL PENETRATION
- 15. PARAPET WALL
- 16. HORIZONTAL METAL WALL PANEL
- 17. FROSTED WINDOW GLAZING
- 18. LOW SLOPE TPO ROOF
- 19. EXTERIOR STAIRS
- 20. STEEL WALKING PLATFORM
- 21. STEEL FRAME EXTENSION, TYP

LEGEND:

-  METAL SIDING (ASH GREY (25) TO MATCH EXISTING)
-  METAL SIDING (ASH GREY (25) TO MATCH EXISTING)

SITE PLAN KEY



A

B

B1
A-504

WEST ELEVATION

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

C

D

D1
A-504

EAST ELEVATION

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

B3
A-504

SOUTH ELEVATION

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

C

D3
A-504

NORTH ELEVATION

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

C

A

B

C

LAND USE REVIEW

NOT FOR CONSTRUCTION

KAIROS POWER FACILITY
SALT PLANT EXPANSION

NOT FOR CONSTRUCTION

5201 HAWKING DRIVE SE, ALBUQUERQUE, NM 87108
TR-D-1-A MESA DEL SOL INNOVATIONPARK II (A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATIONPARK II

EXTERIOR ELEVATIONS
BUILDING 6

PROJECT NO.: 8000-22
DRAWN BY:
DATE: SEPTEMBER 17, 2024

A-504

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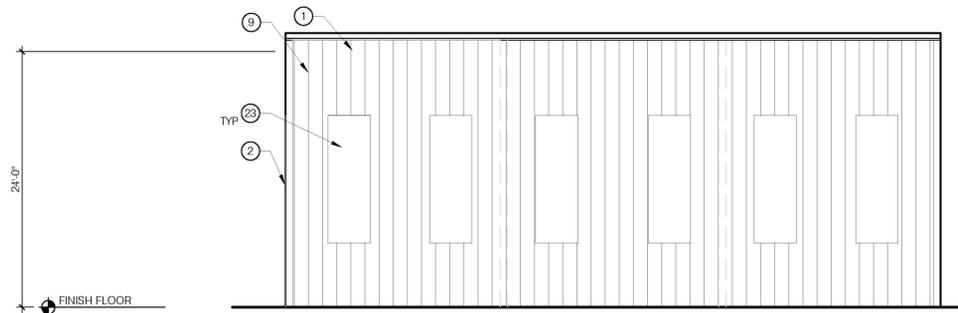
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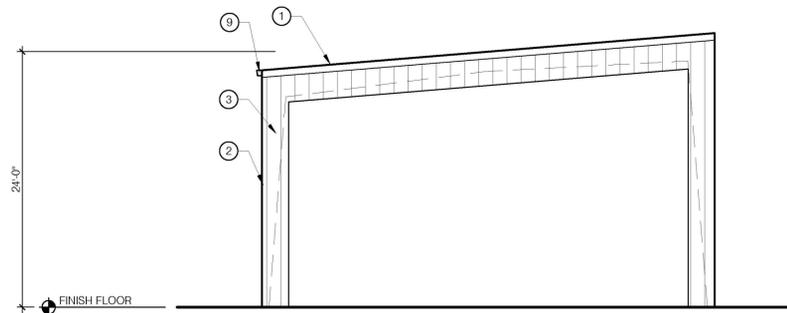
B

C

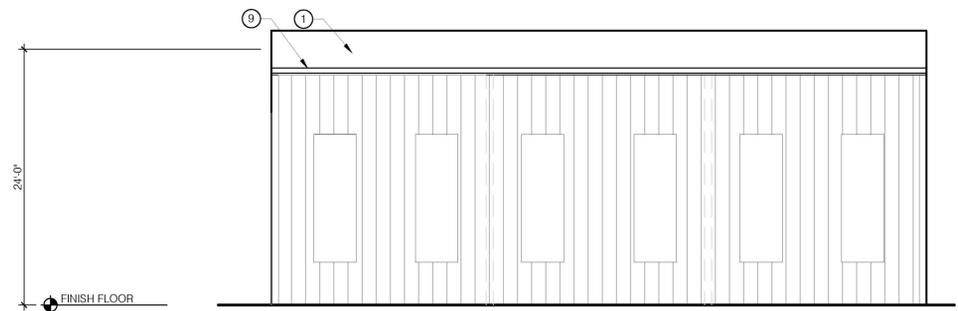
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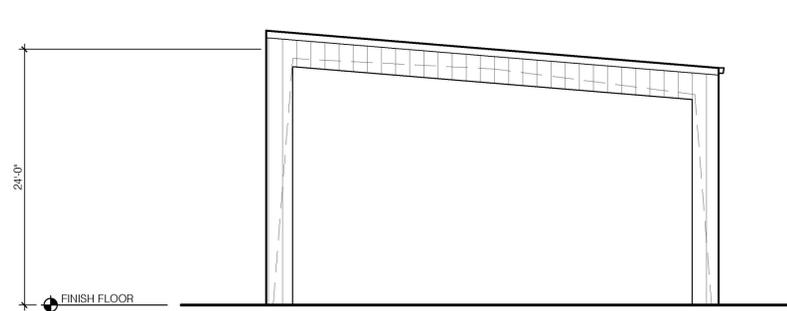
B1 SOUTH ELEVATION
A-505 SCALE: 1/8" = 1'-0"



B3 WEST ELEVATION
A-505 SCALE: 1/8" = 1'-0"

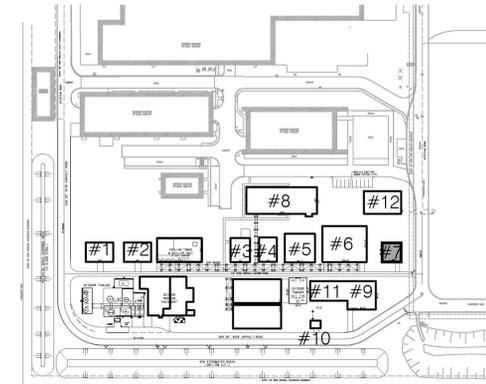


D1 NORTH ELEVATION
A-505 SCALE: 1/8" = 1'-0"



D3 SOUTH ELEVATION
A-505 SCALE: 1/8" = 1'-0"

SITE PLAN KEY



KEY NOTES:

- | | |
|--|---|
| 1. LOW SLOPE METAL ROOF (1:12-4:12 PITCH) | 15. PARAPET WALL |
| 2. PRE ENGINEERED METAL FRAME BUILDING | 16. HORIZONTAL METAL WALL PANEL |
| 3. METAL SIDING TO MATCH EXISTING | 17. FROSTED WINDOW GLAZING |
| 4. METAL DOOR | 18. LOW SLOPE TPO ROOF |
| 5. STEEL COILING DOOR | 19. EXTERIOR STAIRS |
| 6. STOREFRONT DOOR SYSTEM | 20. STEEL WALKING PLATFORM |
| 7. WINDOW | 21. STEEL FRAME EXTENSION, TYP |
| 8. STEEL AWNING | 22. DOWNSPOUT, TYP |
| 9. GUTTER | 23. FRAMED OPENING IN SIDING OPEN TO INTERIOR FOR FIRE APPARATUS ACCESS |
| 10. DIAGONAL BRACING | |
| 11. METAL TRIM | |
| 12. PARAPET WITH METAL COPING | |
| 13. STEEL SUPPORT STRUCTURE WITH PROCESS PIPING THROUGHOUT | |
| 14. MECHANICAL PENETRATION | |

LEGEND:

- METAL SIDING (ASH GREY (25) TO MATCH EXISTING)
- METAL SIDING (ASH GREY (25) TO MATCH EXISTING)

NOT FOR CONSTRUCTION

KAIROS POWER FACILITY
SALT PLANT EXPANSION

NOT FOR CONSTRUCTION

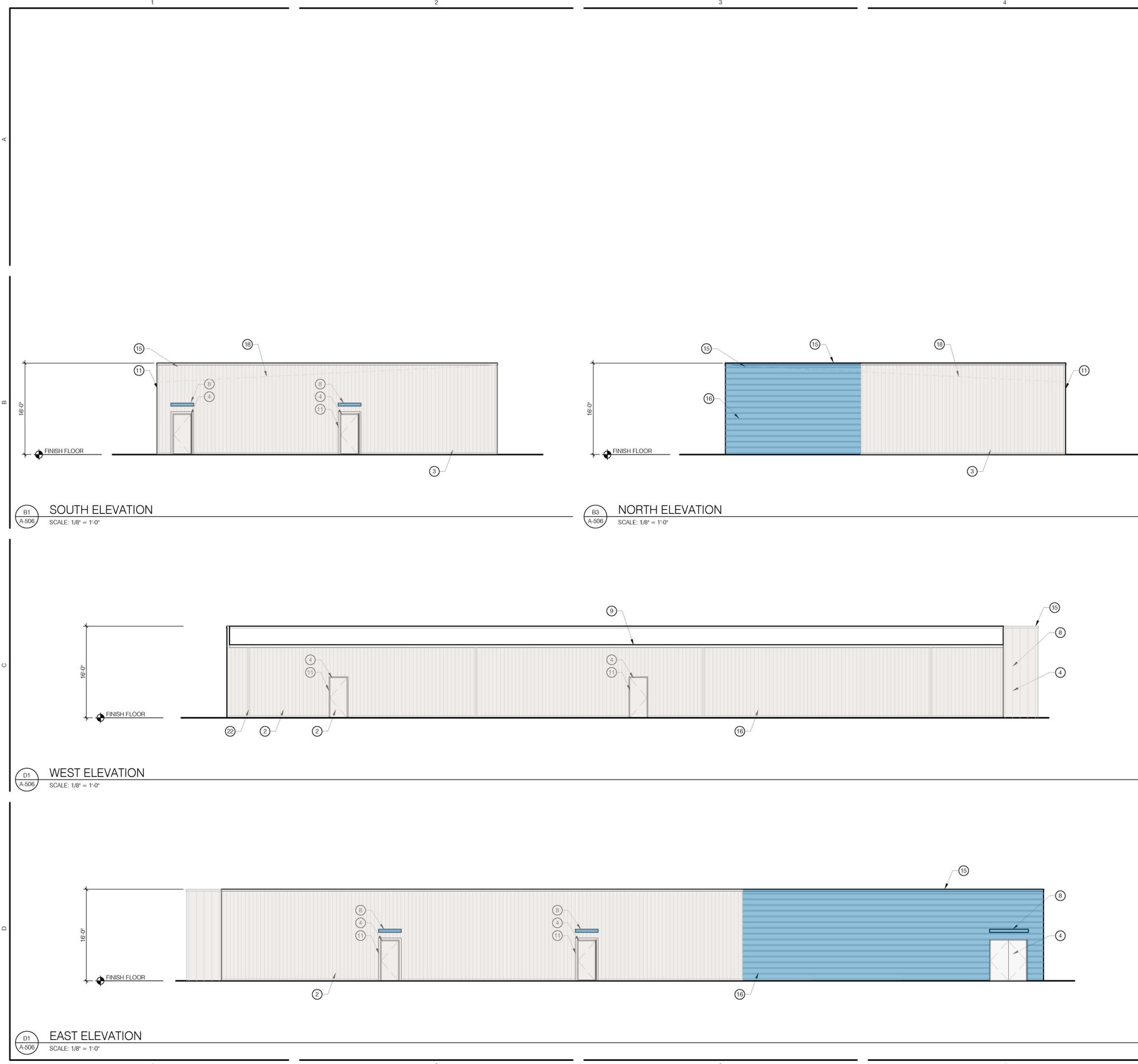
5201 HAWKING DRIVE SE, ALBUQUERQUE, NM 87108
TR D-1-A MESA DEL SOL INNOVATIONPARK II (A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATIONPARK II

EXTERIOR ELEVATIONS
BUILDING 7

PROJECT NO.: 8003-22
DRAWN BY:
DATE: JANUARY 3, 2025

A-505

LAND USE REVIEW



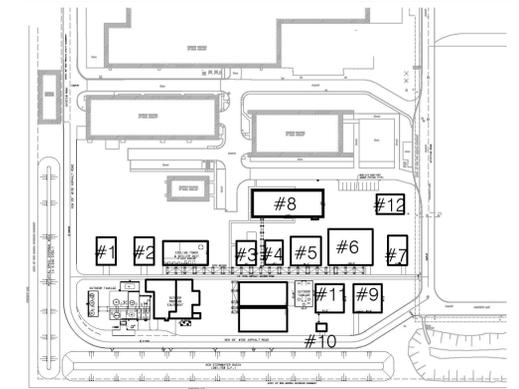
B1 SOUTH ELEVATION
A-506 SCALE: 1/8" = 1'-0"

B3 NORTH ELEVATION
A-506 SCALE: 1/8" = 1'-0"

D1 WEST ELEVATION
A-506 SCALE: 1/8" = 1'-0"

D1 EAST ELEVATION
A-506 SCALE: 1/8" = 1'-0"

SITE PLAN KEY



KEY NOTES:

- | | |
|--|---------------------------------|
| 1. LOW SLOPE METAL ROOF (1:12-4:12 PITCH) | 15. PARAPET WALL |
| 2. PRE ENGINEERED METAL FRAME BUILDING | 16. HORIZONTAL METAL WALL PANEL |
| 3. METAL SIDING TO MATCH EXISTING | 17. FROSTED WINDOW GLAZING |
| 4. METAL DOOR | 18. LOW SLOPE TPO ROOF |
| 5. STEEL COILING DOOR | 19. EXTERIOR STAIRS |
| 6. STOREFRONT DOOR SYSTEM | 20. STEEL WALKING PLATFORM |
| 7. WINDOW | 21. STEEL FRAME EXTENSION, TYP |
| 8. STEEL AWNING | 22. DOWNSPOUT, TYP |
| 9. GUTTER | |
| 10. DIAGONAL BRACING | |
| 11. METAL TRIM | |
| 12. PARAPET WITH METAL COPING | |
| 13. STEEL SUPPORT STRUCTURE WITH PROCESS PIPING THROUGHOUT | |
| 14. MECHANICAL PENETRATION | |

LEGEND:

- METAL SIDING (ASH GREY (25) TO MATCH EXISTING)
 - METAL SIDING (ASH GREY (25) TO MATCH EXISTING)
- NOTE: THE HEIGHT OF THIS ADMINISTRATION BUILDING MAY BE AS HIGH AS 18 FEET

Cerulean Blue
#008ccc

PMS Color Code
Process Blue

NOT FOR CONSTRUCTION

KAIROS POWER FACILITY
SALT PLANT EXPANSION
NOT FOR CONSTRUCTION

5201 HAWKING DRIVE SE, ALBUQUERQUE, NM 87108
TR-D-1-A MESA DEL SOL INNOVATIONPARK II (A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATIONPARK II)

LAND USE REVIEW

EXTERIOR ELEVATIONS
BUILDING 8

PROJECT NO.: 8000-22
DRAWN BY:
DATE: SEPTEMBER 17, 2024

A-506

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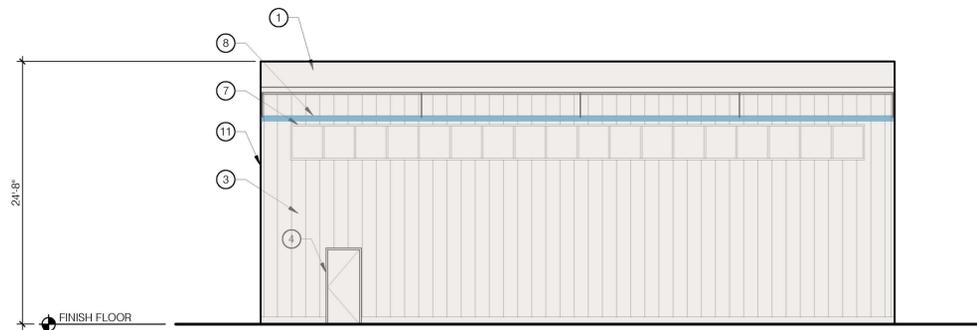
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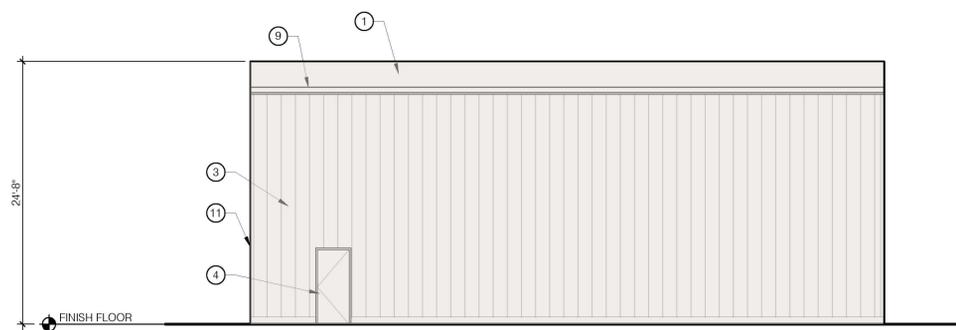
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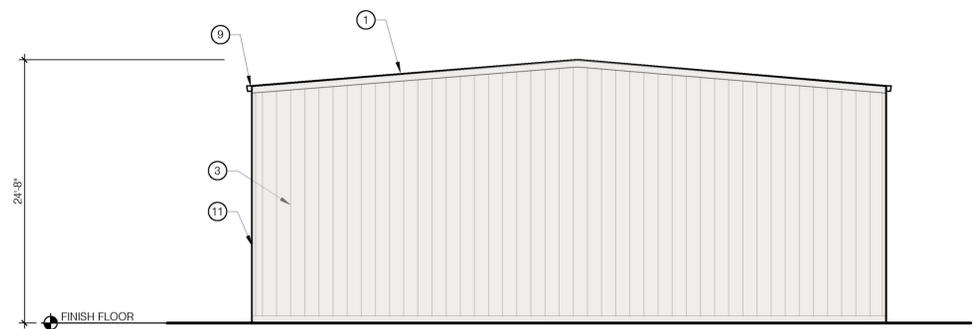
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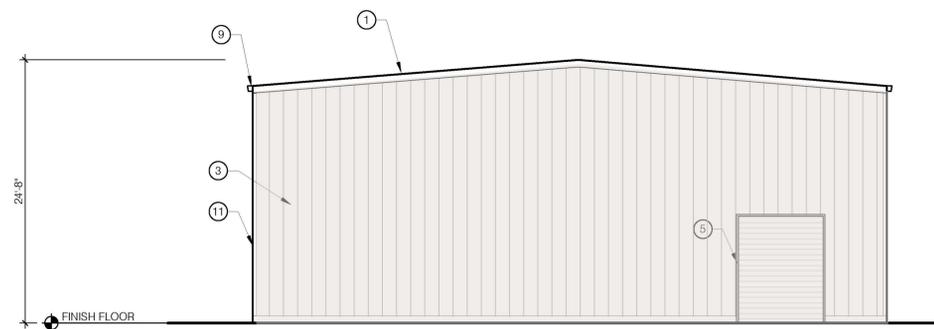
B1 SOUTH ELEVATION
A-507 SCALE: 1/8" = 1'-0"



B3 NORTH ELEVATION
A-507 SCALE: 1/8" = 1'-0"

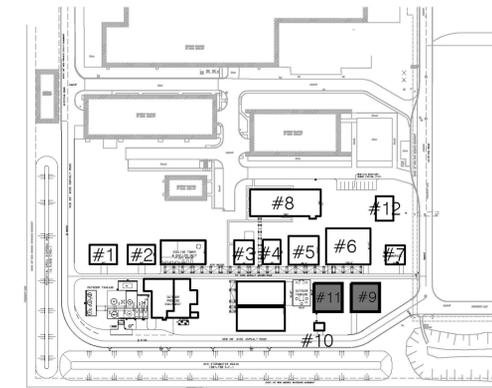


D1 EAST ELEVATION
A-507 SCALE: 1/8" = 1'-0"



D1 WEST ELEVATION
A-507 SCALE: 1/8" = 1'-0"

SITE PLAN KEY



KEY NOTES:

- | | |
|--|---|
| 1. LOW SLOPE METAL ROOF (1:12-4:12 PITCH) | 15. PARAPET WALL |
| 2. PRE ENGINEERED METAL FRAME BUILDING | 16. HORIZONTAL METAL WALL PANEL |
| 3. METAL SIDING TO MATCH EXISTING | 17. FROSTED WINDOW GLAZING |
| 4. METAL DOOR | 18. LOW SLOPE TPO ROOF |
| 5. STEEL COILING DOOR | 19. EXTERIOR STAIRS |
| 6. STOREFRONT DOOR SYSTEM | 20. STEEL WALKING PLATFORM |
| 7. WINDOW | 21. STEEL FRAME EXTENSION, TYP |
| 8. STEEL AWNING | 22. DOWNSPOUT, TYP |
| 9. GUTTER | 23. FRAMED OPENING IN SIDING OPEN TO INTERIOR FOR FIRE APPARATUS ACCESS |
| 10. DIAGONAL BRACING | |
| 11. METAL TRIM | |
| 12. PARAPET WITH METAL COPING | |
| 13. STEEL SUPPORT STRUCTURE WITH PROCESS PIPING THROUGHOUT | |
| 14. MECHANICAL PENETRATION | |

LEGEND:

- METAL SIDING (ASH GREY (25) TO MATCH EXISTING)
- METAL SIDING (ASH GREY (25) TO MATCH EXISTING)

NOTE: WINDOW AND AWNING ON SOUTH FACING FACADE AT BUILDING 9 ONLY.



Cerulean Blue
#008ccc

PMS Color Code
Process Blue

NOT FOR CONSTRUCTION

KAIROS POWER FACILITY
SALT PLANT EXPANSION

NOT FOR CONSTRUCTION

5201 HAWKING DRIVE SE, ALBUQUERQUE, NM 87108
TR-D-1-A MESA DEL SOL INNOVATIONPARK II (A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATIONPARK II

EXTERIOR ELEVATIONS
BUILDING 9 & 11

PROJECT NO.: 8003-22
DRAWN BY:
DATE: JANUARY 3, 2025

A-507

LAND USE REVIEW

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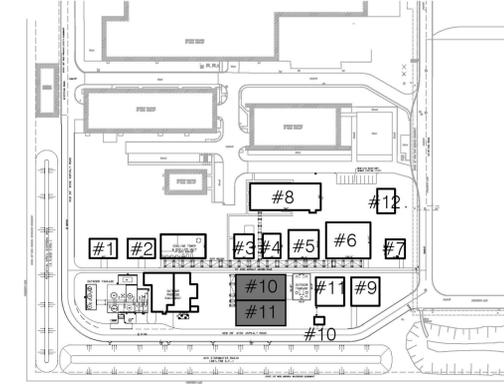
KEY NOTES:

- 1. LOW SLOPE METAL ROOF (1:12-4-12 PITCH)
- 2. PRE ENGINEERED METAL FRAME BUILDING
- 3. METAL SIDING TO MATCH EXISTING
- 4. METAL DOOR
- 5. STEEL COILING DOOR
- 6. STOREFRONT DOOR SYSTEM
- 7. WINDOW
- 8. STEEL AWNING
- 9. GUTTER
- 10. DIAGONAL BRACING
- 11. METAL TRIM
- 12. PARAPET WITH METAL COPING
- 13. STEEL SUPPORT STRUCTURE WITH PROCESS PIPING THROUGHOUT
- 14. MECHANICAL PENETRATION
- 15. PARAPET WALL
- 16. HORIZONTAL METAL WALL PANEL
- 17. FROSTED WINDOW GLAZING
- 18. LOW SLOPE TPO ROOF
- 19. EXTERIOR STAIRS
- 20. STEEL WALKING PLATFORM
- 21. STEEL FRAME EXTENSION, TYP

LEGEND:

-  METAL SIDING (ASH GREY (25) TO MATCH EXISTING)
-  METAL SIDING (ASH GREY (25) TO MATCH EXISTING)

SITE PLAN KEY



Cerulean Blue #008ccc

PMS Color Code Process Blue

NOT FOR CONSTRUCTION

KAIROS POWER FACILITY
 SALT PLANT EXPANSION
 NOT FOR CONSTRUCTION

5201 HAWKING DRIVE SE, ALBUQUERQUE, NM 87108
 TR-D-1-A MESA DEL SOL INNOVATIONPARK II (A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATIONPARK II)

EXTERIOR ELEVATIONS
 EQUIPMENT PAD 6 & 7

PROJECT NO.: 8000-22
 DRAWN BY:
 DATE: SEPTEMBER 17, 2024

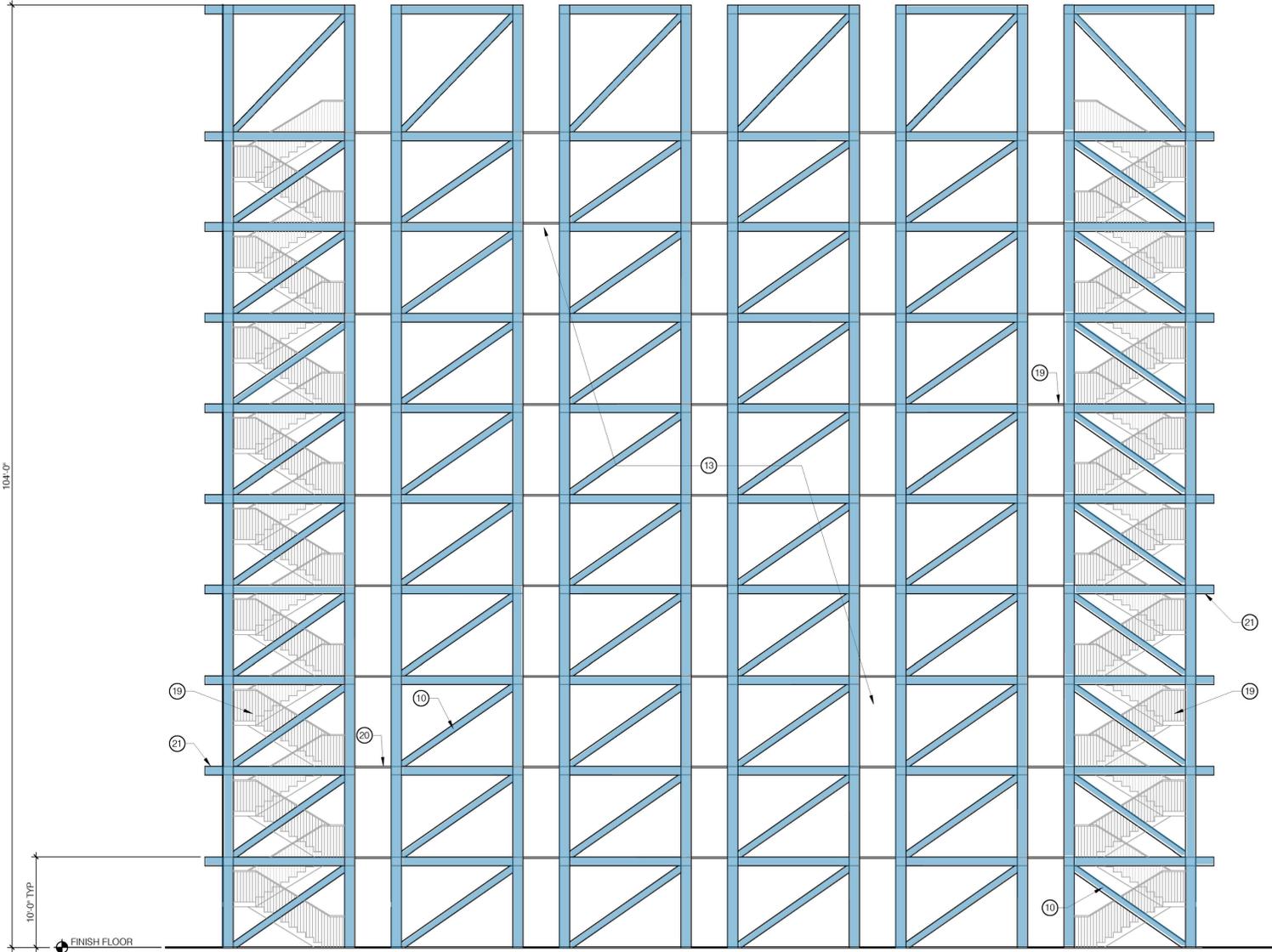
A-508

A

B

C

D



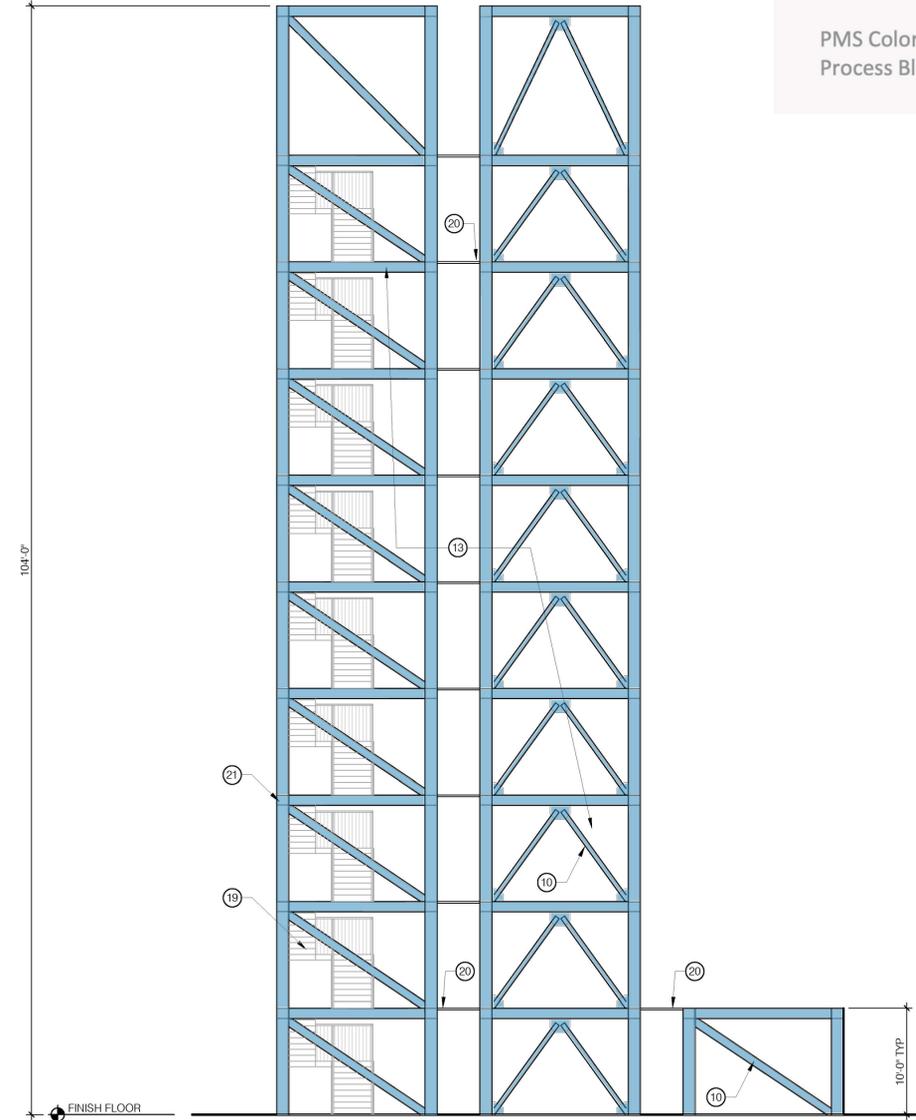
D1 EAST ELEVATION (WEST SIMILAR)
 A-508 SCALE: 1/8" = 1'-0"

A

B

C

D



D1 NORTH ELEVATION (SOUTH MIRRORIED)
 A-508 SCALE: 1/8" = 1'-0"

1

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LAND USE REVIEW

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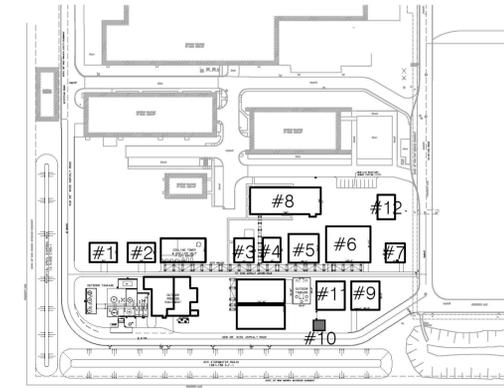
A

B

C

D

SITE PLAN KEY

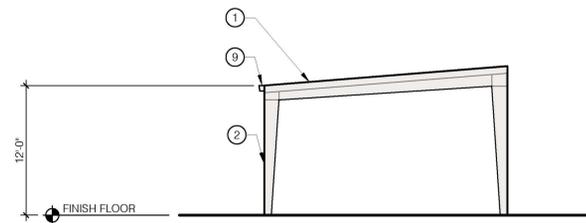


KEY NOTES:

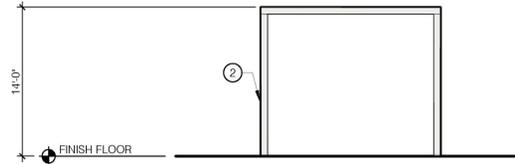
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- 2. PRE ENGINEERED METAL FRAME BUILDING
- 3. METAL SIDING TO MATCH EXISTING
- 4. METAL DOOR
- 5. STEEL COILING DOOR
- 6. STOREFRONT DOOR SYSTEM
- 7. WINDOW
- 8. STEEL AWNING
- 9. GUTTER
- 10. DIAGONAL BRACING
- 11. METAL TRIM
- 12. PARAPET WITH METAL COPING
- 13. STEEL SUPPORT STRUCTURE WITH PROCESS PIPING THROUGHOUT
- 14. MECHANICAL PENETRATION
- 15. PARAPET WALL
- 16. HORIZONTAL METAL WALL PANEL
- 17. FROSTED WINDOW GLAZING
- 18. LOW SLOPE TPO ROOF
- 19. EXTERIOR STAIRS
- 20. STEEL WALKING PLATFORM
- 21. STEEL FRAME EXTENSION, TYP

LEGEND:

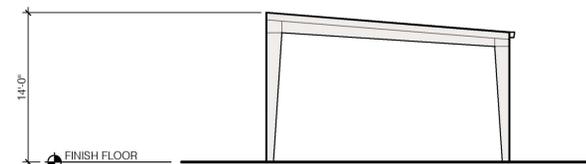
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-  METAL SIDING (ASH GREY (25) TO MATCH EXISTING)



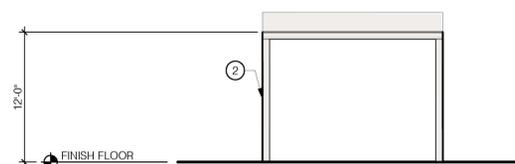
B1 SOUTH ELEVATION
A-509 SCALE: 1/8" = 1'-0"



B3 WEST ELEVATION
A-509 SCALE: 1/8" = 1'-0"



D1 NORTH ELEVATION
A-509 SCALE: 1/8" = 1'-0"



D3 SOUTH ELEVATION
A-509 SCALE: 1/8" = 1'-0"

NOT FOR CONSTRUCTION

KAIROS POWER FACILITY
SALT PLANT EXPANSION

NOT FOR CONSTRUCTION

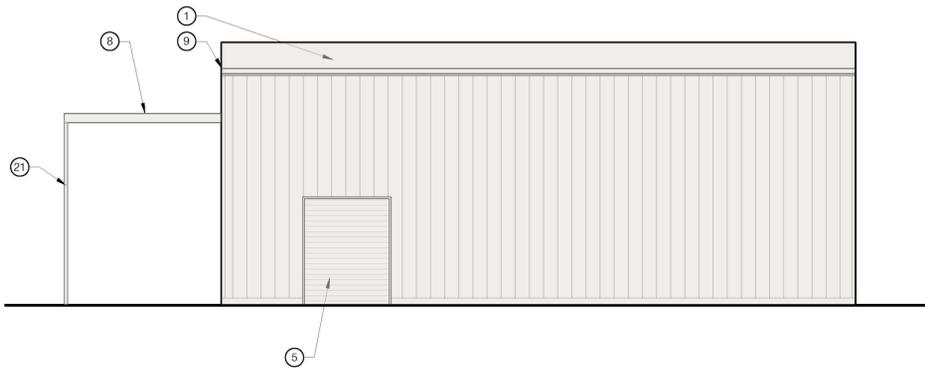
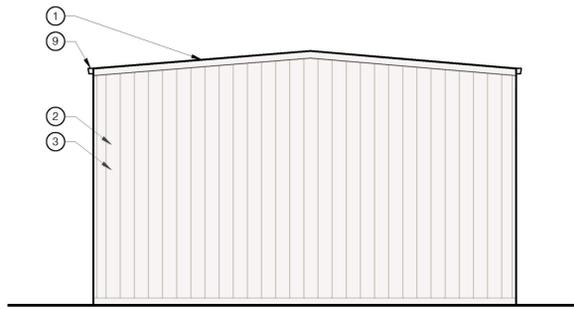
5201 HAWKING DRIVE SE, ALBUQUERQUE, NM 87108
TR-D-1-A MESA DEL SOL INNOVATIONPARK II (A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATIONPARK II

EXTERIOR ELEVATIONS
BUILDING 10

PROJECT NO.: 8000-22
DRAWN BY:
DATE: SEPTEMBER 17, 2024

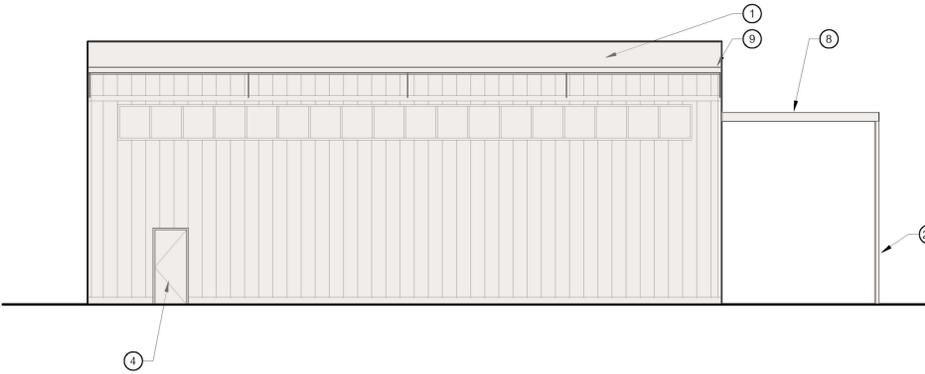
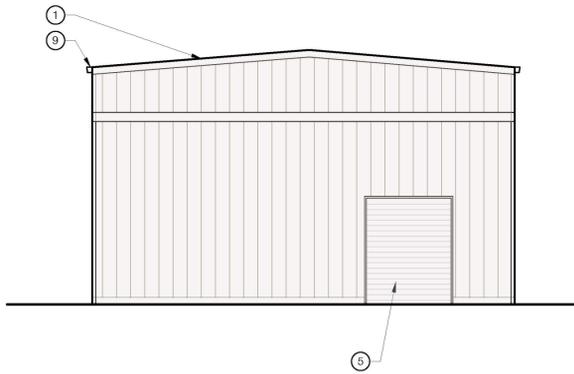
A-509

LAND USE REVIEW



B1
A-510
SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

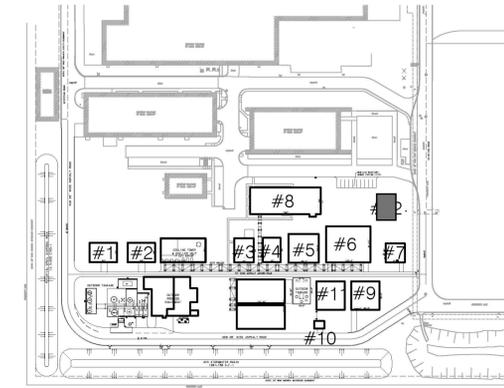
B3
A-510
WEST ELEVATION
SCALE: 1/8" = 1'-0"



C1
A-510
NORTH ELEVATION
SCALE: 1/8" = 1'-0"

C1
A-510
SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

SITE PLAN KEY



KEY NOTES:

- | | |
|--|---|
| 1. LOW SLOPE METAL ROOF (1:12-4:12 PITCH) | 15. PARAPET WALL |
| 2. PRE ENGINEERED METAL FRAME BUILDING | 16. HORIZONTAL METAL WALL PANEL |
| 3. METAL SIDING TO MATCH EXISTING | 17. FROSTED WINDOW GLAZING |
| 4. METAL DOOR | 18. LOW SLOPE TPO ROOF |
| 5. STEEL COILING DOOR | 19. EXTERIOR STAIRS |
| 6. STOREFRONT DOOR SYSTEM | 20. STEEL WALKING PLATFORM |
| 7. WINDOW | 21. STEEL FRAME EXTENSION, TYP |
| 8. STEEL AWNING | 22. DOWNSPOUT, TYP |
| 9. GUTTER | 23. FRAMED OPENING IN SIDING OPEN TO INTERIOR FOR FIRE APPARATUS ACCESS |
| 10. DIAGONAL BRACING | |
| 11. METAL TRIM | |
| 12. PARAPET WITH METAL COPING | |
| 13. STEEL SUPPORT STRUCTURE WITH PROCESS PIPING THROUGHOUT | |
| 14. MECHANICAL PENETRATION | |

LEGEND:

- METAL SIDING (ASH GREY (25) TO MATCH EXISTING)
- METAL SIDING (ASH GREY (25) TO MATCH EXISTING)

NOT FOR CONSTRUCTION

KAIROS POWER FACILITY
SALT PLANT EXPANSION

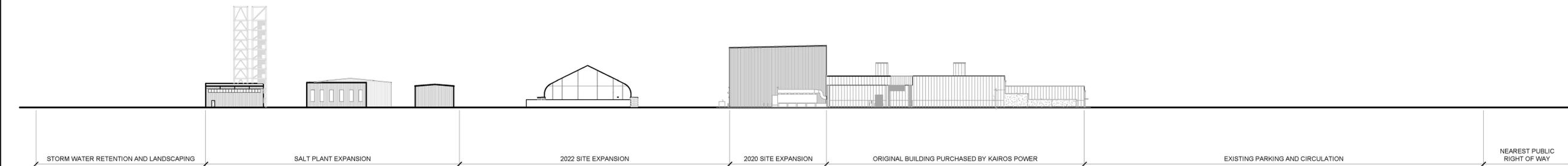
NOT FOR CONSTRUCTION

5201 HAWKING DRIVE SE, ALBUQUERQUE, NM 87108
TR-D-1-A MESA DEL SOL INNOVATIONPARK II (A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATIONPARK II)

EXTERIOR ELEVATIONS
BUILDING 12

PROJECT NO.: 8003-22
DRAWN BY:
DATE: JANUARY 3, 2025

A-510



D1
A-510
SOUTH ELEVATION ALONG ENTIRE PROPERTY
SCALE: 1" = 50'

LAND USE REVIEW

PR-2020-004448_SP-2025-00055_KairosExpansion_Page_01

Final Audit Report

2026-02-13

Created:	2026-01-27
By:	Jacob Boylan (jboylan@cabq.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAANsSn8ca2F84KEUzv1VTf6E0Wskck2fIJ

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 Agreement completed.

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