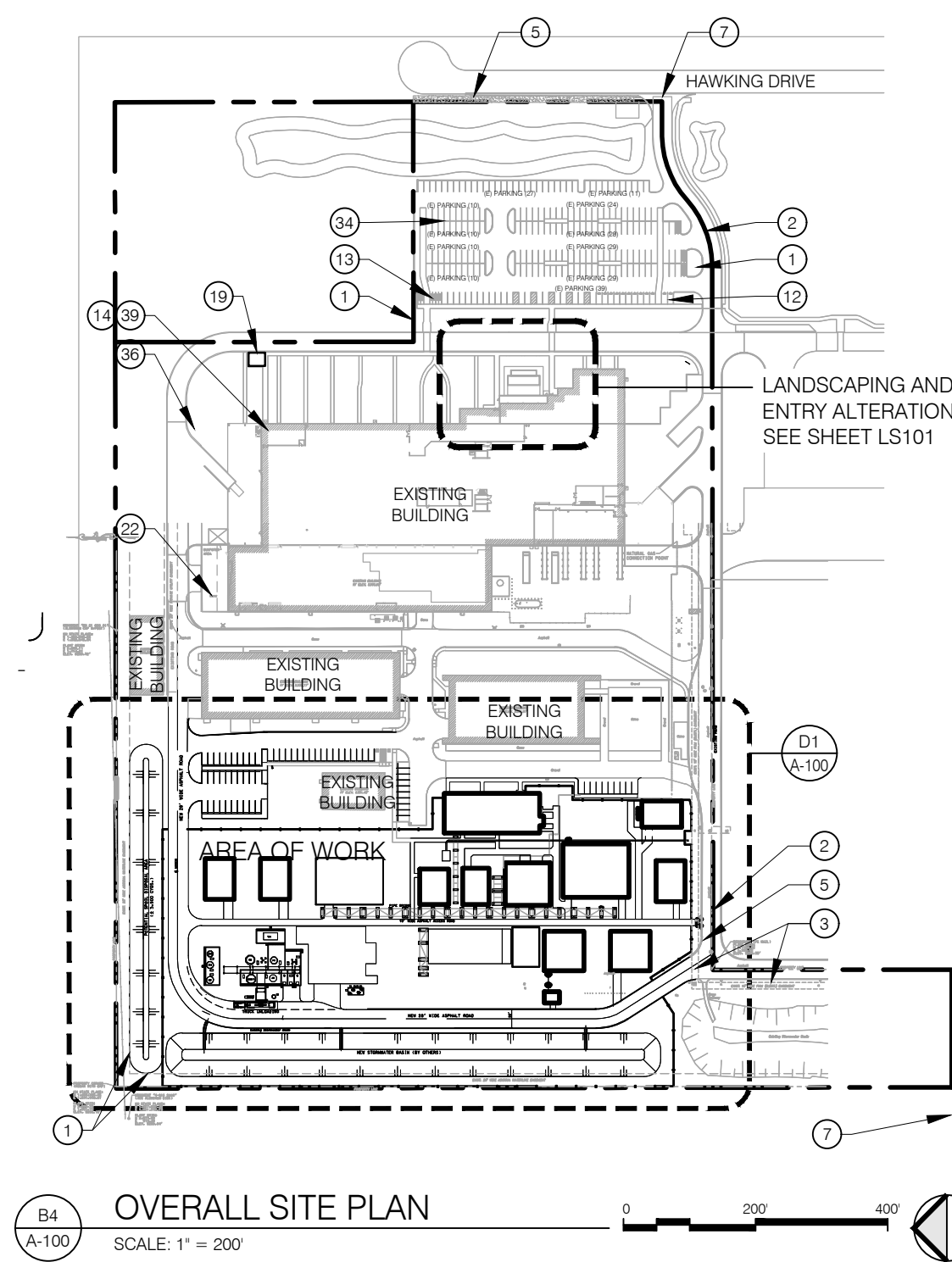
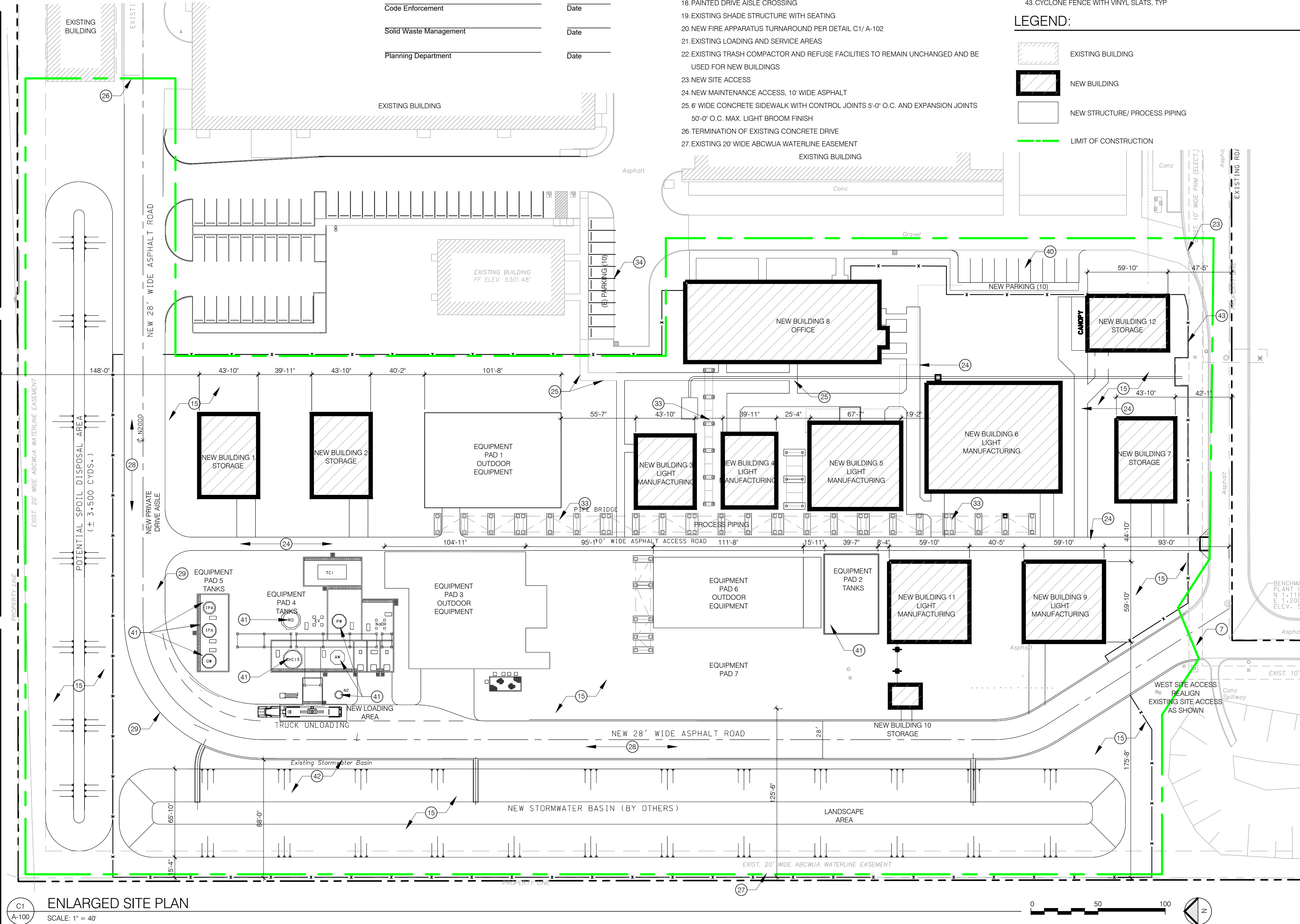


- A. THIS PROJECT IS NOT A PHASED DEVELOPMENT. ALL PROPOSED BUILDINGS SHALL BE CONSTRUCTED IN ONE PHASE.
- B. THE OFFICE BUILDING FOUNDATION IS INCLUDED IN THE SCOPE OF THIS PERMIT, BUT THE BUILDING SHALL BE PERMITTED SEPARATELY THROUGH THE APPROPRIATE AUTHORITY HAVING JURISDICTION.
- C. NO ADJACENT 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

Traffic Engineering, Transportation Division	Date
ABCWUA	Date
Parks and Recreation Department	Date
Hydrology	Date
Code Enforcement	Date
Solid Waste Management	Date
Planning Department	Date

28. NEW DRIVE AISLE, 28' WIDE ASPHALT
29. NEW ASPHALT DRIVE AISLE
30. TRAFFIC SIGN
31. EXISTING 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

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



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

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 PLACES  
 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 ID 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

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 REFERED 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.

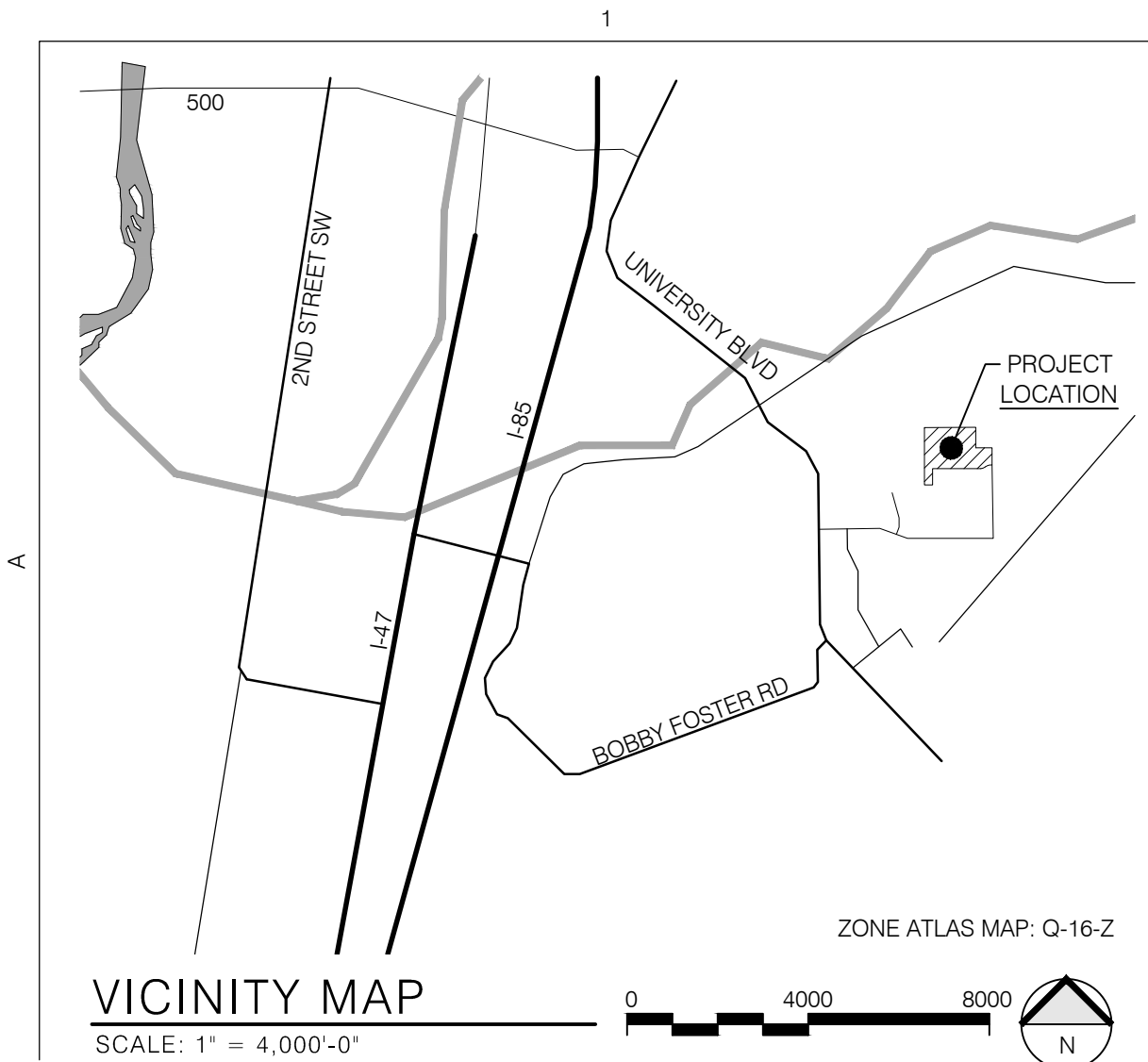
THE STORM WATER SWALE WILL BE RECONFIGURED TO ACCOMMODATE THIS DEVELOPMENT. THE SITE ACCESS ON THE WEST END OF THE SITE WILL BE CONNECTED TO THE REST OF THE CIRCULATION SYSTEM.

KAIRO POWER FACILITY  
SALT PLANT EXPANSION  
NOT FOR CONSTRUCTION

# PRELIMINARY SITE PLAN

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

A-100



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)

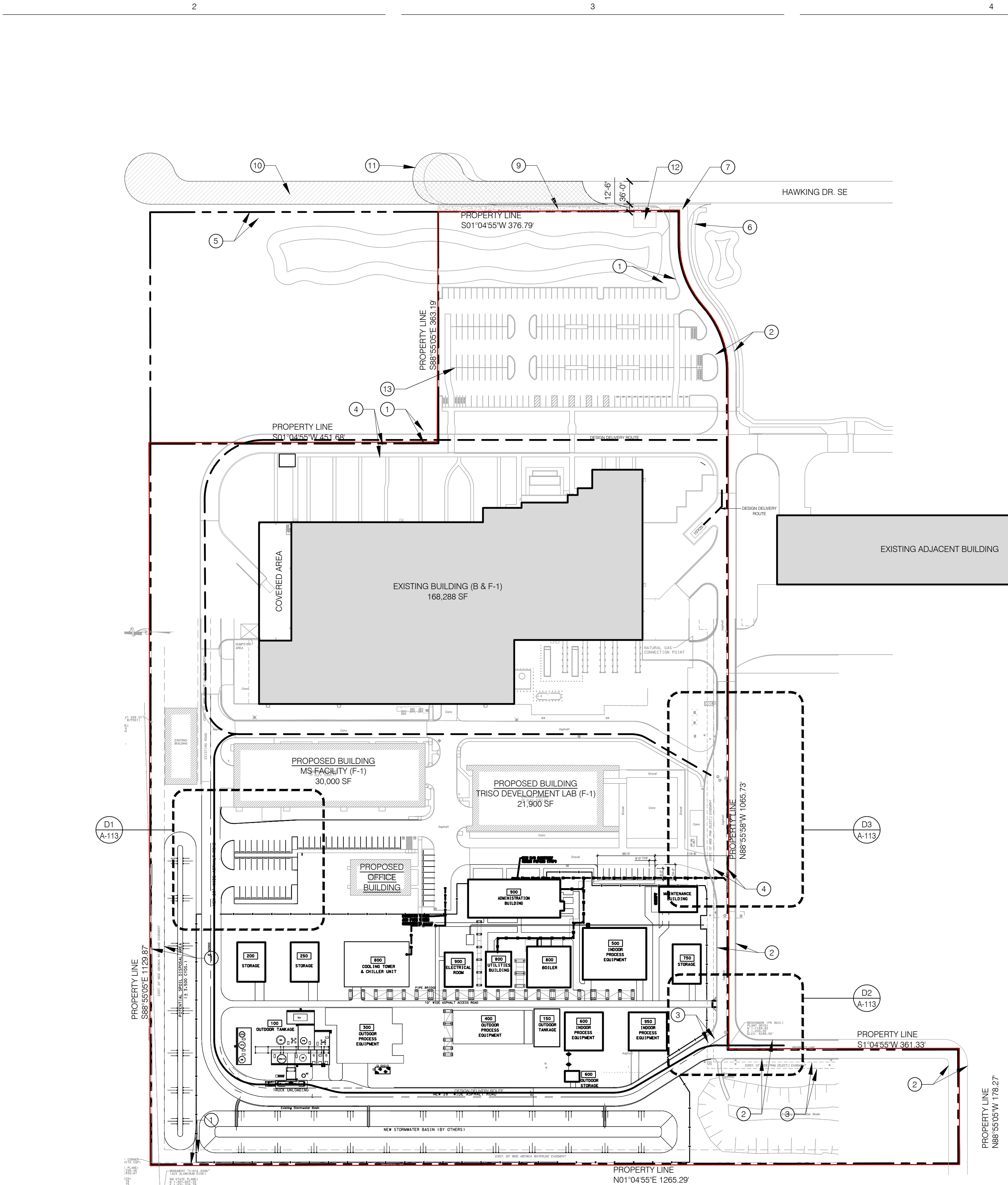
PARKING STALL SIZING AND REQUIREMENTS

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



SITE PLAN

SCALE: 1" = 100'

KEYED NOTES: (X)

- 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 ABOVJWA 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 SCHOTT 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.

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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.

Greenbox Architecture  
502 SEVENTH STREET, SUITE 203  
OREGON CITY, OREGON 97043

Kairos Power



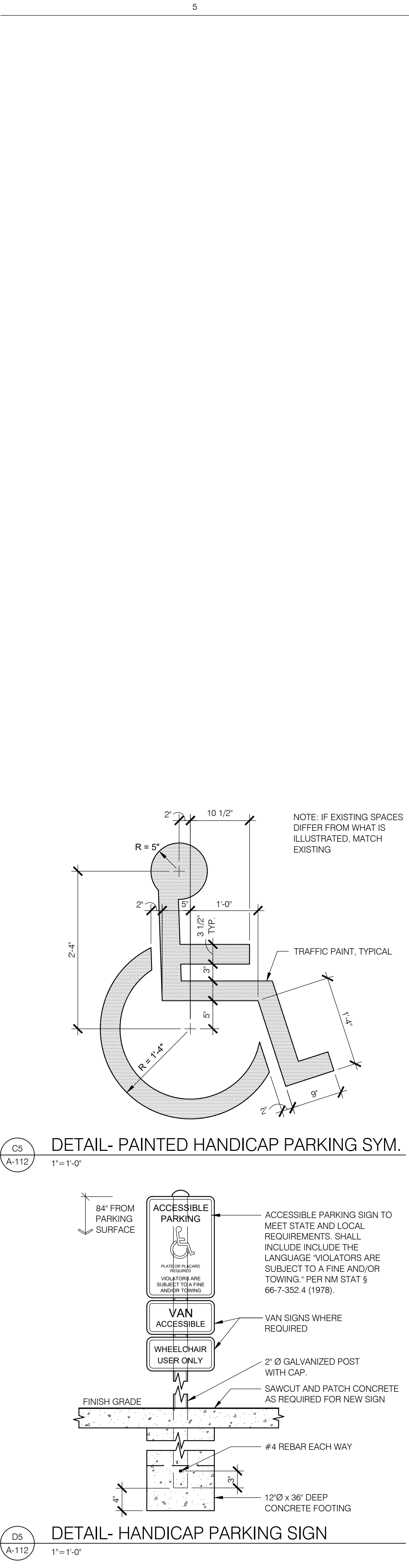
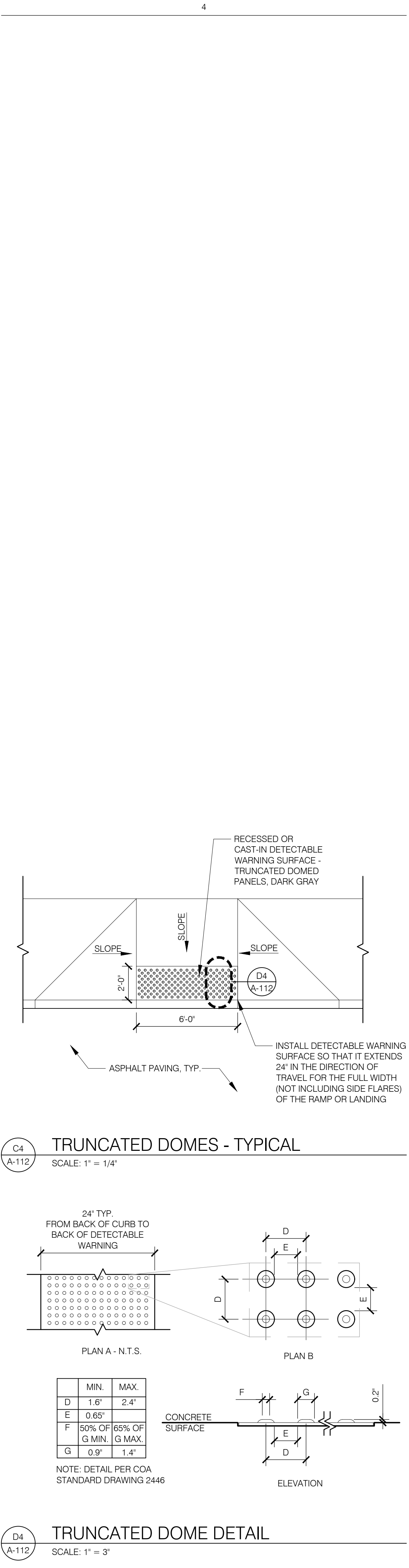
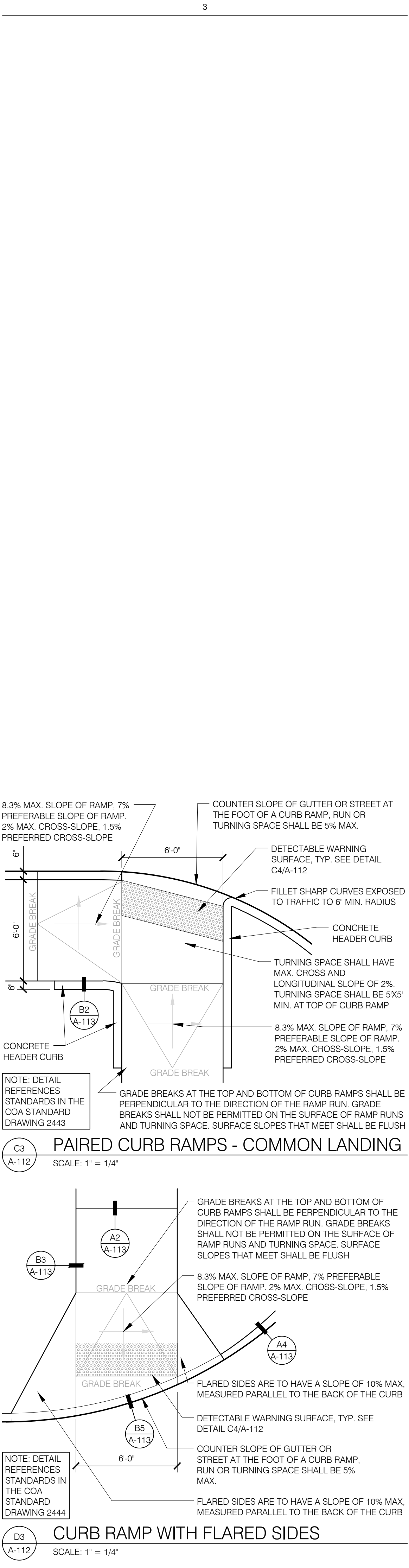
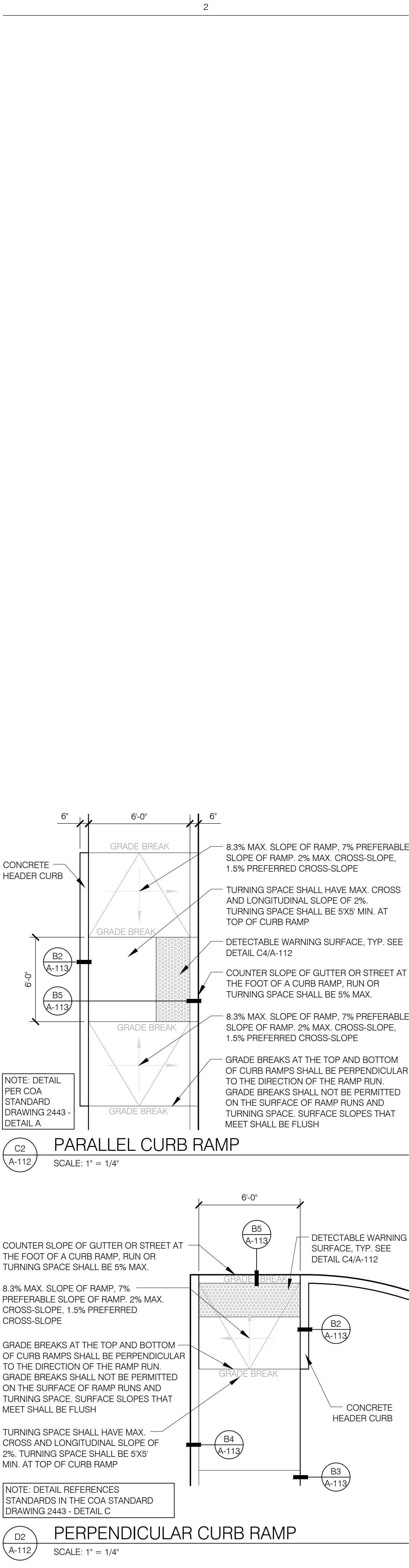
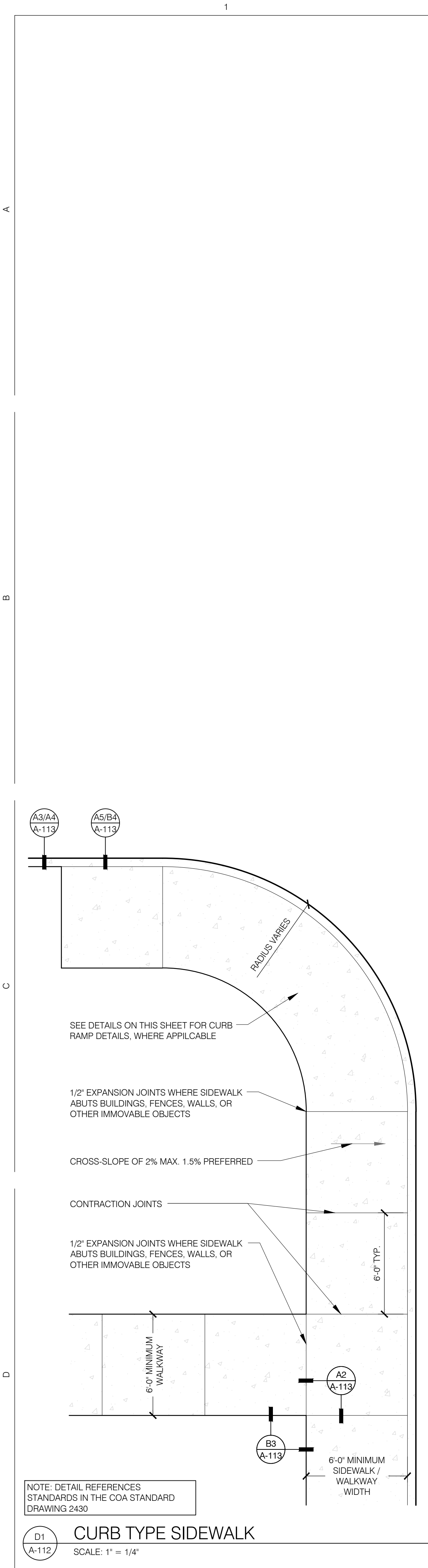
EXP: 12/31/2025

KAIROS POWER FACILITY  
SALT PLANT EXPANSION  
NOT FOR CONSTRUCTION

TRAFFIC CIRCULATION PLAN

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

A-110



2024.09.19



EXP: 12/31/2025

KAIROIS POWER FACILITY  
SALT PLANT EXPANSION  
NOT FOR CONSTRUCTION

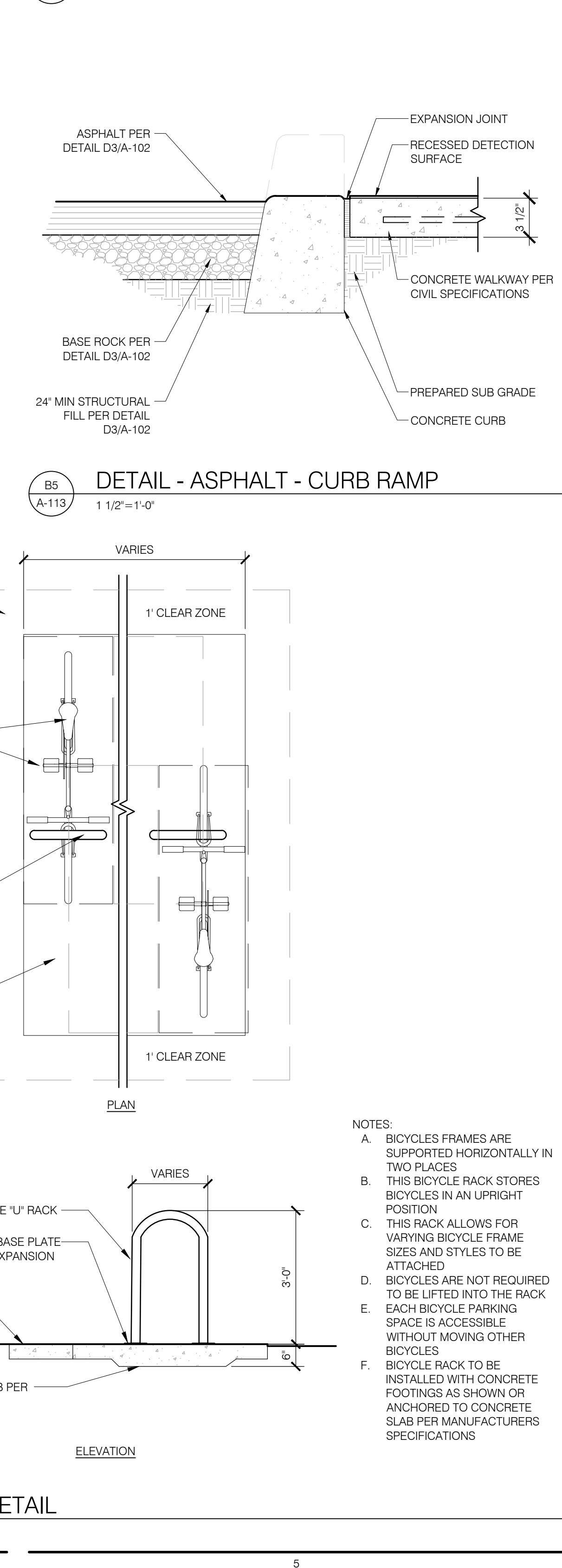
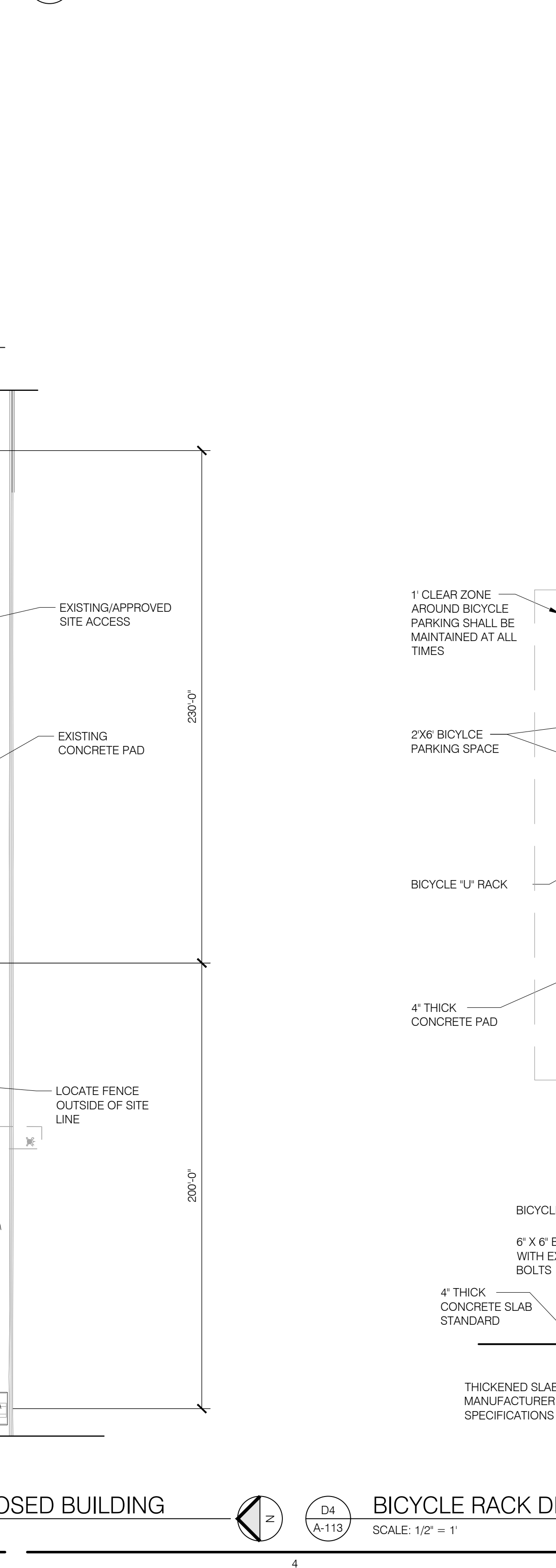
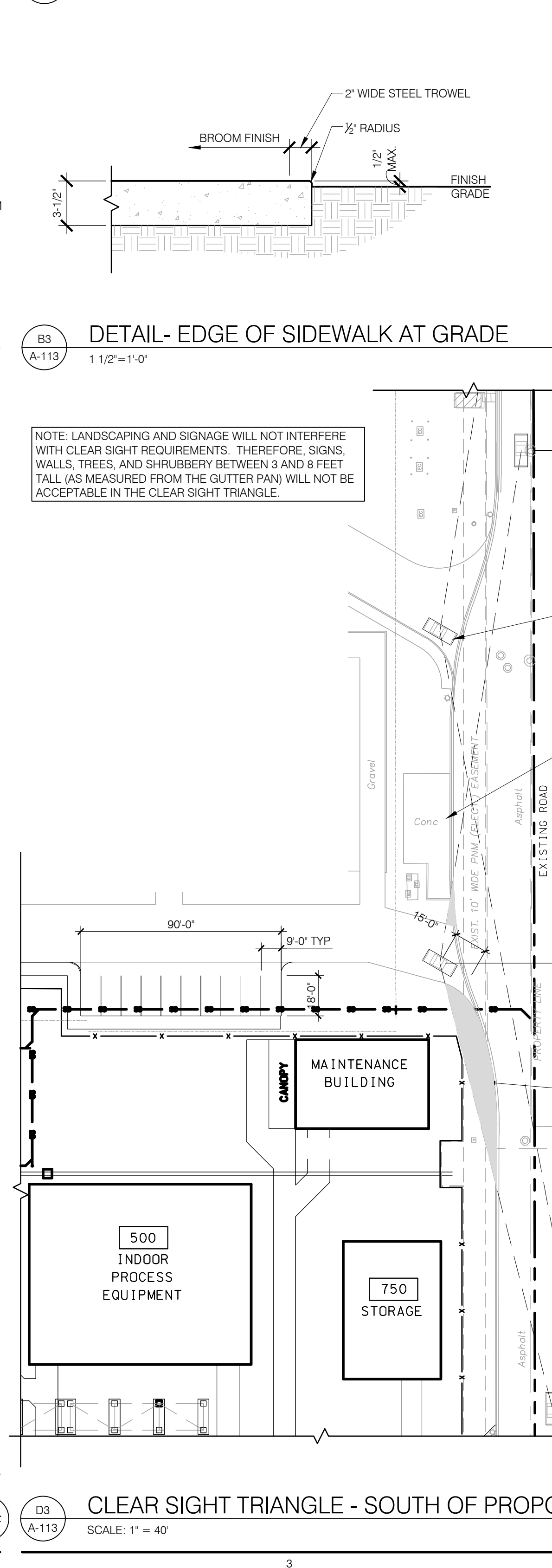
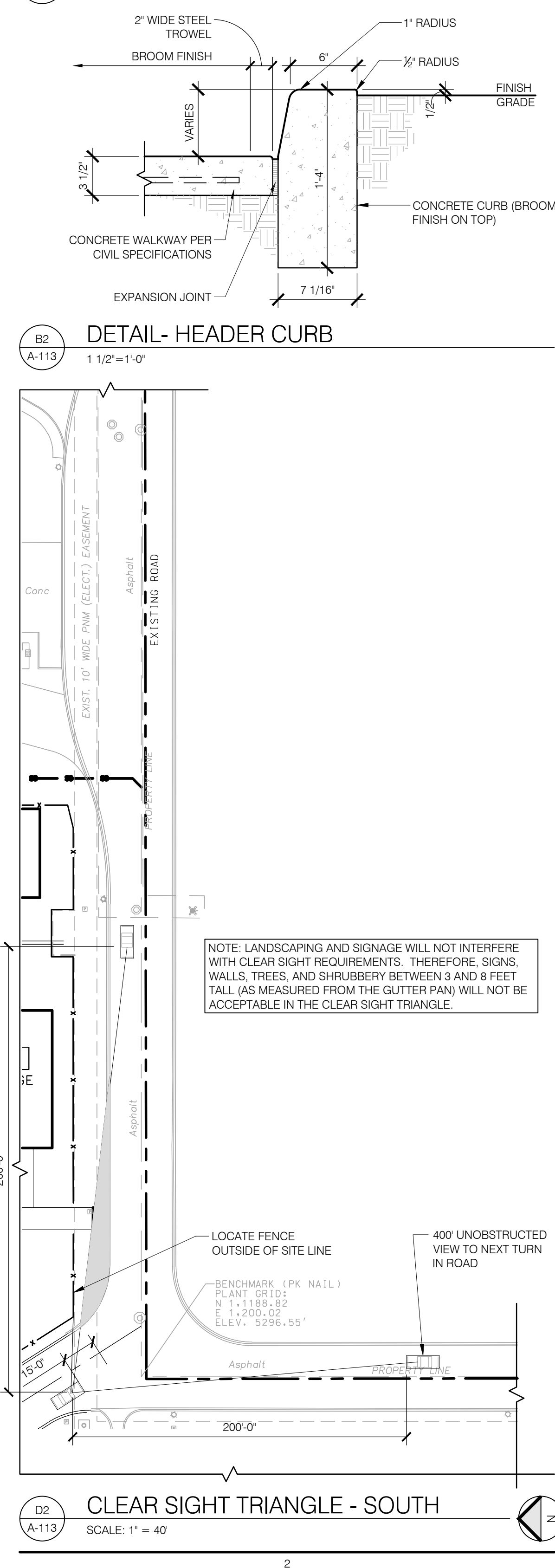
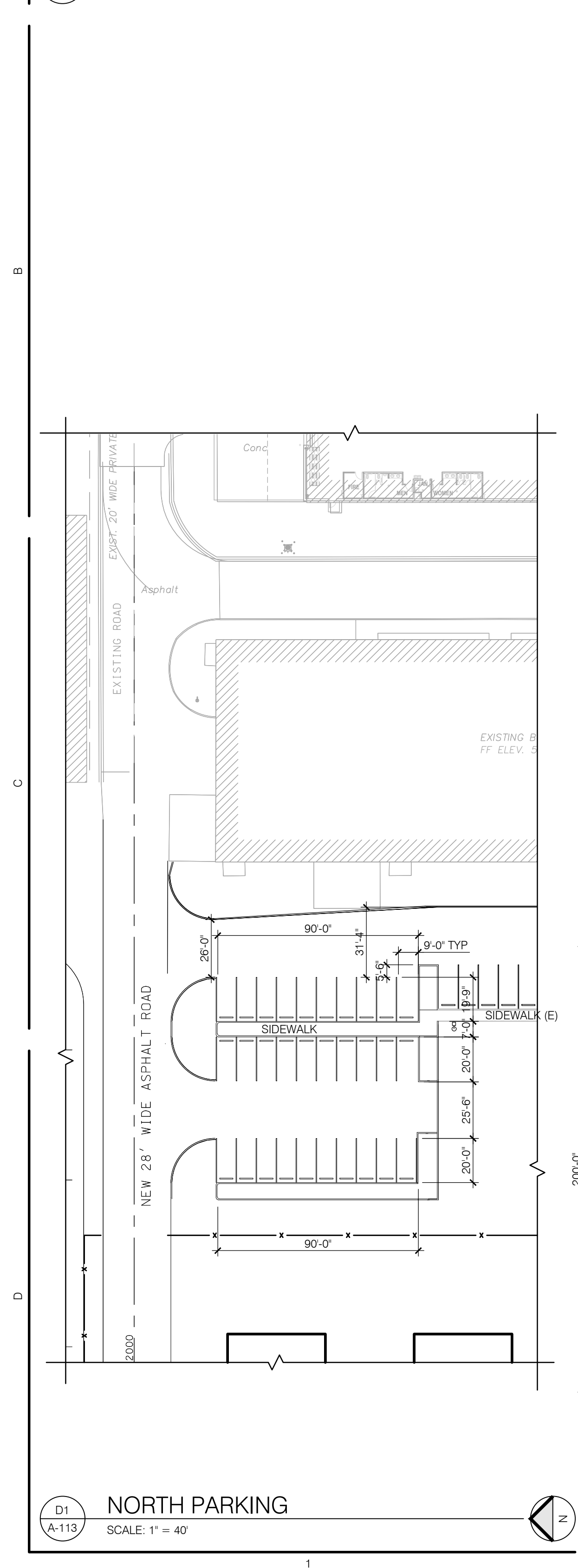
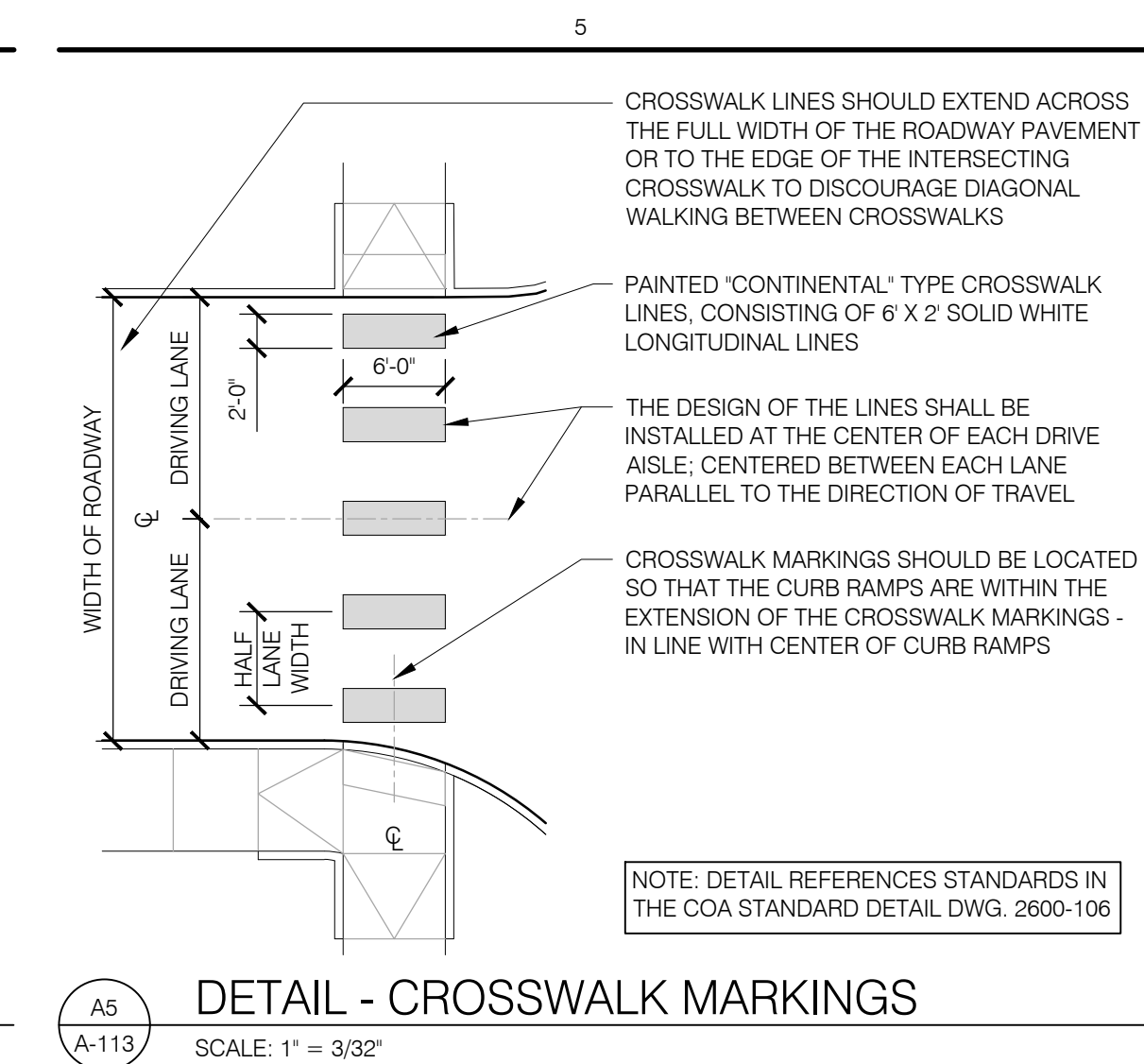
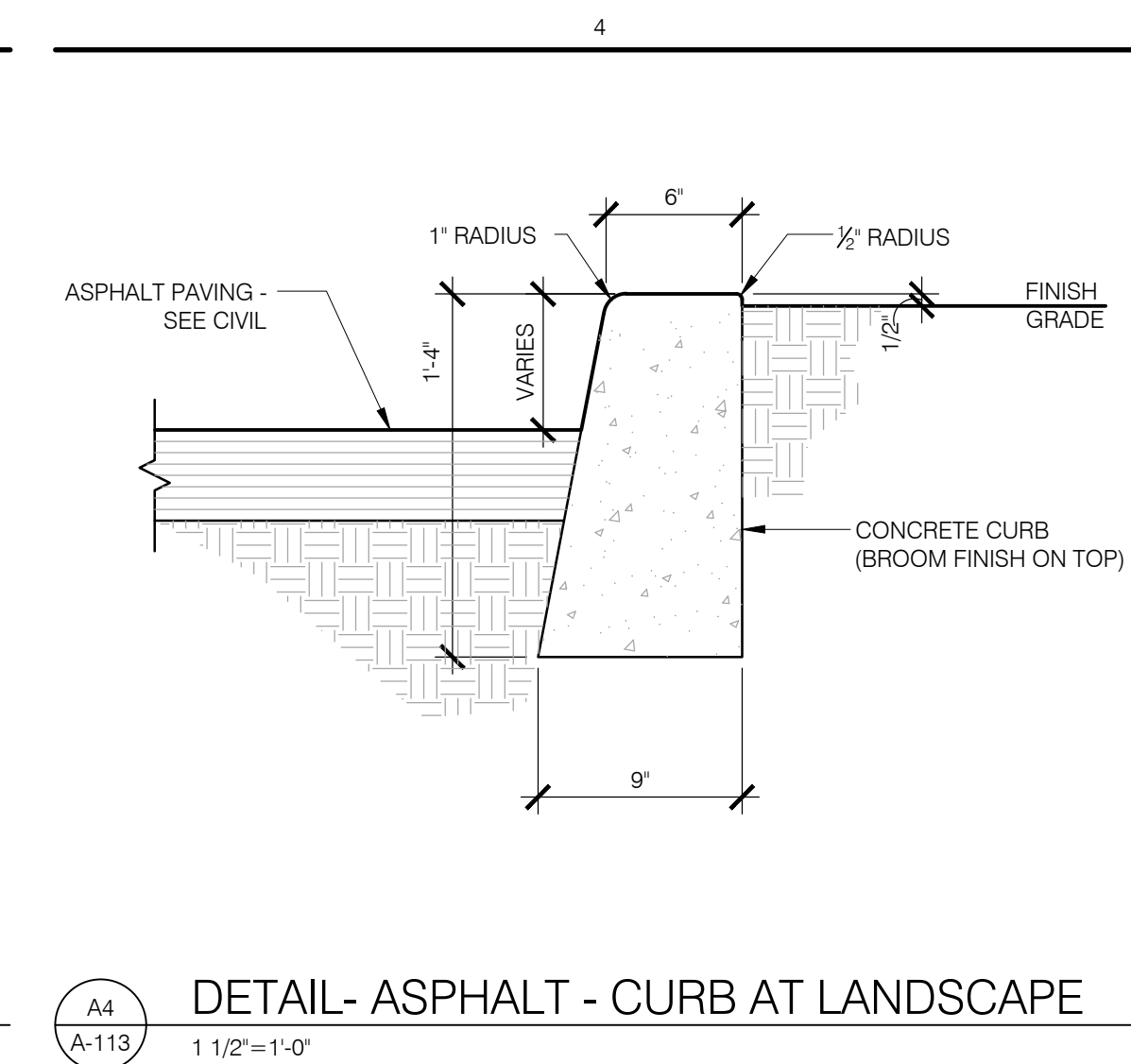
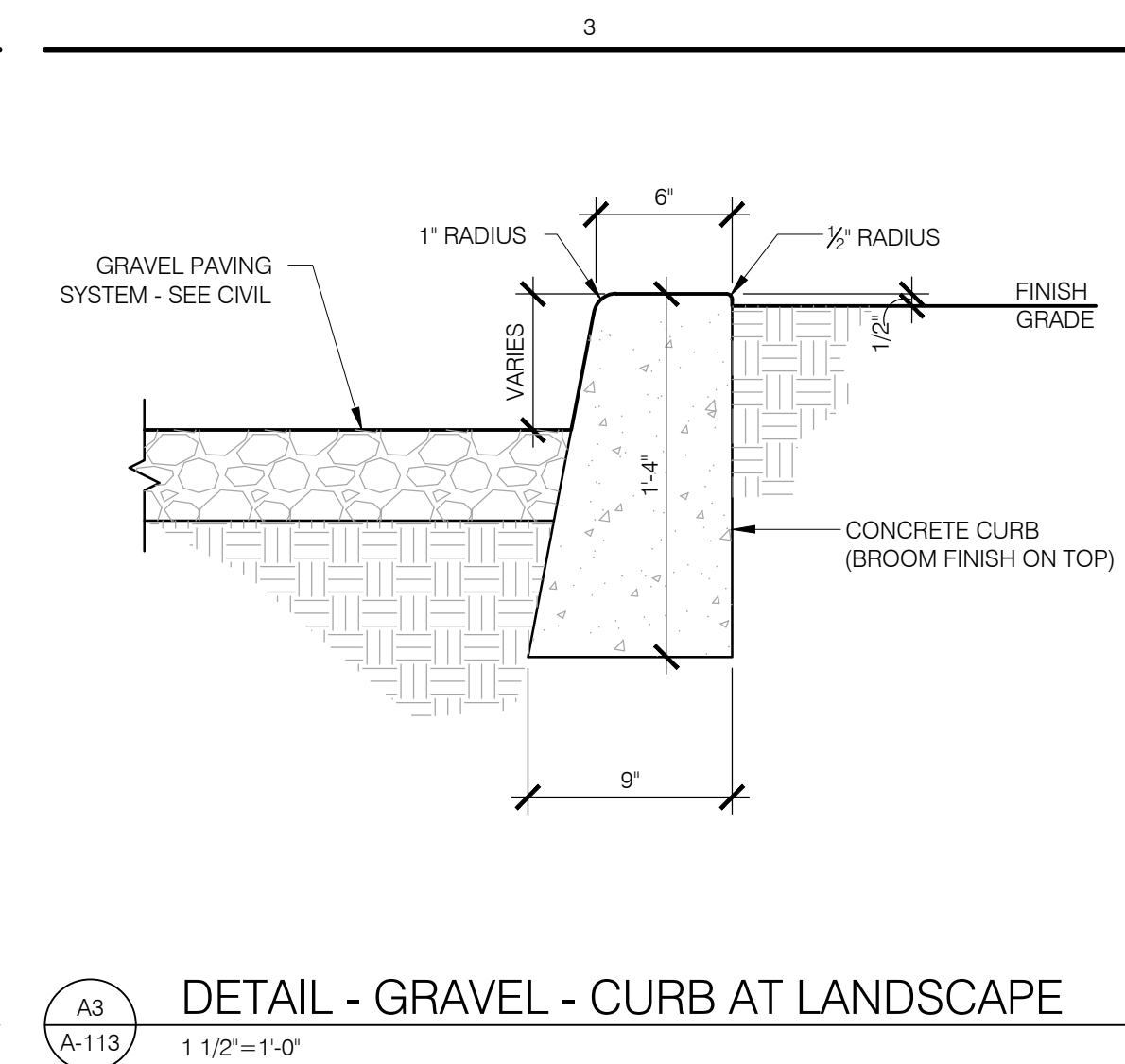
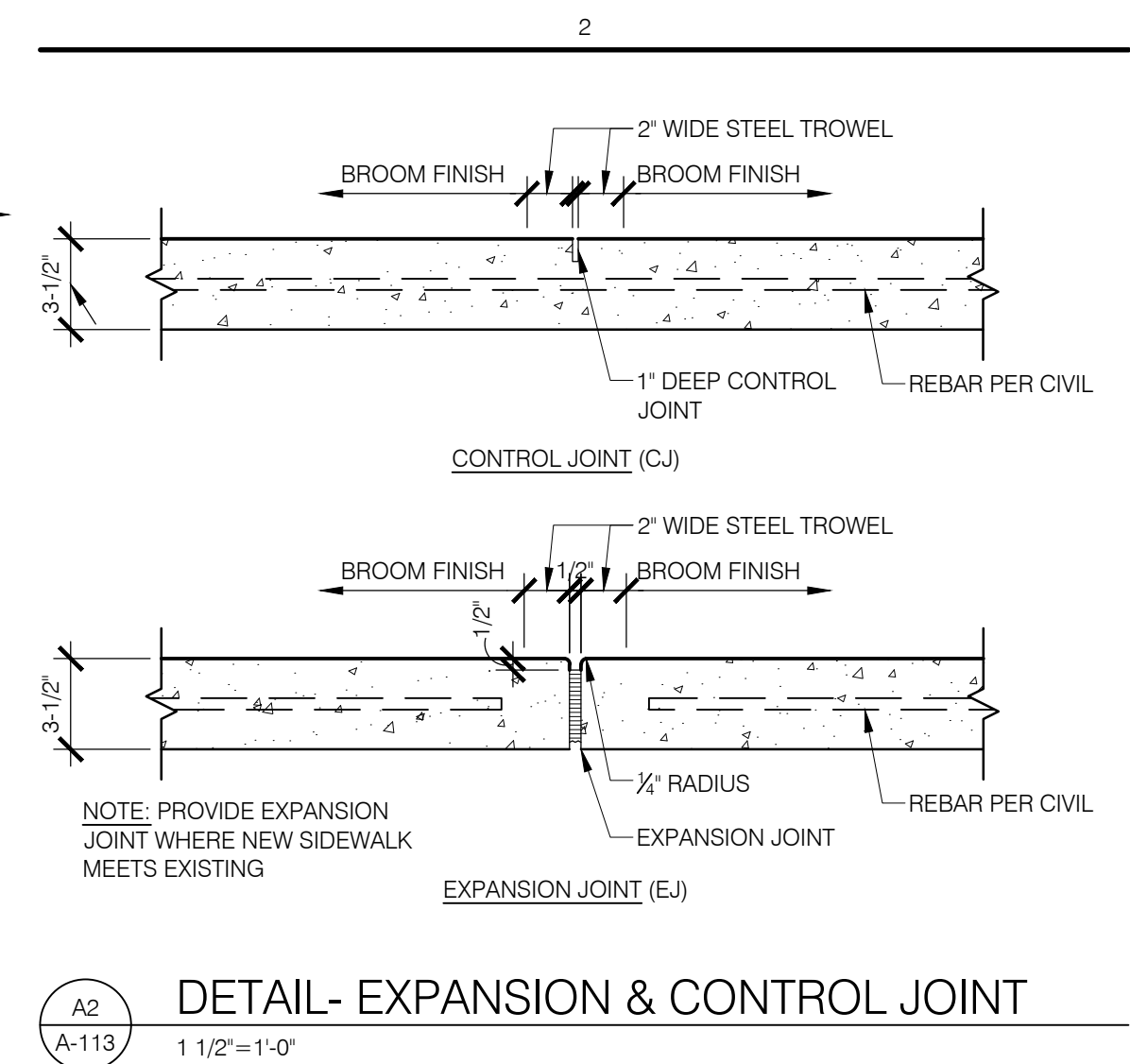
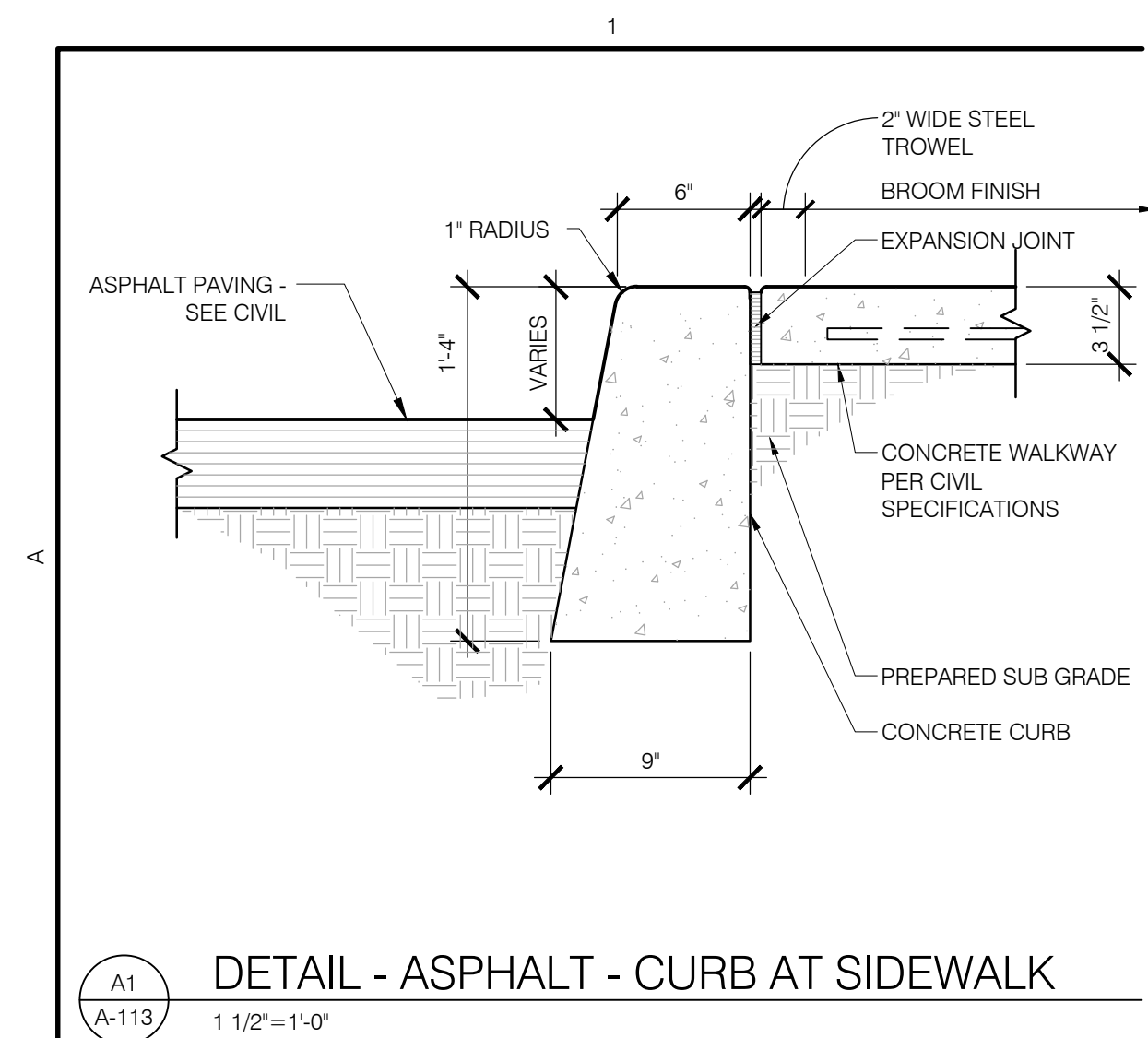
650 HAWKING DRIVE SE ALBUQUERQUE, NM 87108  
TRD-1 PLAT OF TRACTS D-1 THRU D-7 MESA DEL SOL INNOVATIONPARK II A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATIONPARK II) CONT 16.4161 AC

ENLARGED TRAFFIC  
CIRCULATION LAYOUT

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

A-112

SITE PLAN ADMINISTRATIVE - DFT LAND USE REVIEW



	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.

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.

**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.

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.

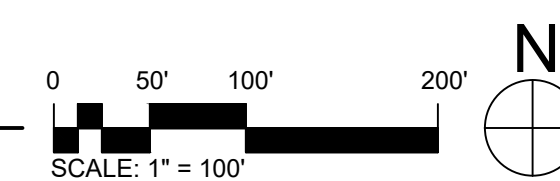
LANDSCAPE AREAS ADJACENT TO THE PUBLIC  
SIDEWALK SHALL BE DEPRESSED BIOSWALES AT 12"-16"  
BELOW ADJACENT GRADE FOR STORMWATER  
CATCHMENT.

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



NOT FOR CONSTRUCTION

KAIROS POWER SALT FACILITY

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

PROJECT NO.: 8000-22

DRAWN BY:

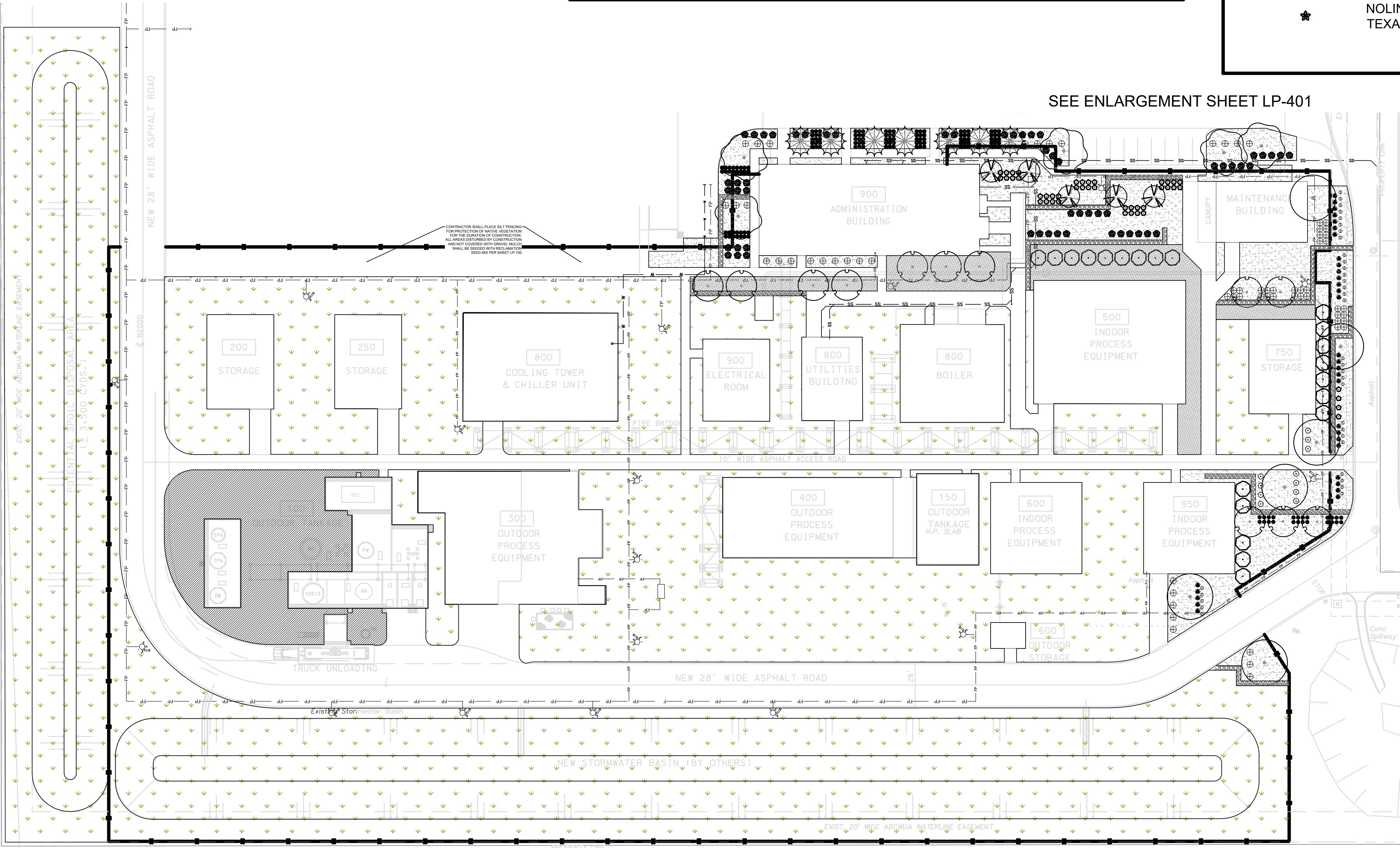
DATE: SEPTEMBER 1, 2024

LANDSCAPE  
CALCULATIONS  
LP-100

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

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

SYMBOL	BOTANICAL / COMMON NAME	HT. & SPR.	SIZE	QTY
SHRUBS				
	ARTEMISIA FILIFOLIA	3' X 4'	5 GAL.	57
	SAND SAGEBRUSH			
	CERCOCARPUS LEDIFOLIUS	12' X 10'	5 GAL.	22
	CURL-LEAF MOUNTAIN MAHOGANY			
	CHAMAEBATIARIA MILLEFOLIUM	5' X 5'	5 GAL.	1
	FERNBUSH			
	FALLOPIA AUBERTII	5 LBS		2
	SILVER LACE VINE			
	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			
	TEUCRUM CHAMAEDRYIS	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			

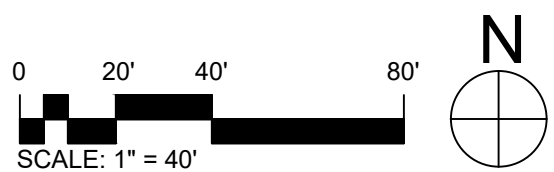


SEE ENLARGEMENT SHEET LP-401

SEEDING SCHEDULE

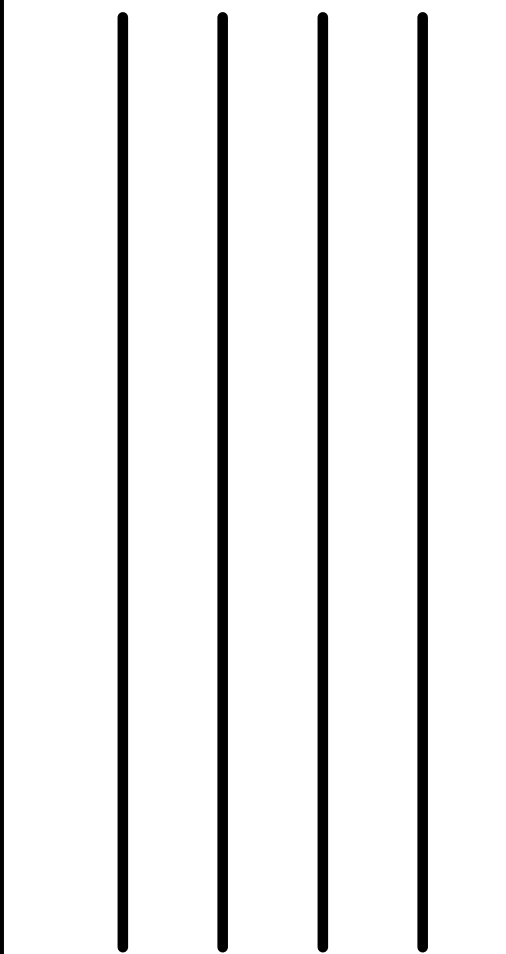
RECLAMATION SEED MIX (per Section 1013 City of Abq. Seed Mix - a. Gravelly Uplands & Slopes)		
Botanical	Common Name	#PLS/ AC
Bouteloua gracilis 'Hachita'	Blue Grama Bouteloua	7.0
Bouteloua curtipendula 'Niner'	Side oats Grama	5.0
Stipa neomexicana	Needle & Thread Grass	2.0
Oryzopsis hymenoides	Indian 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"



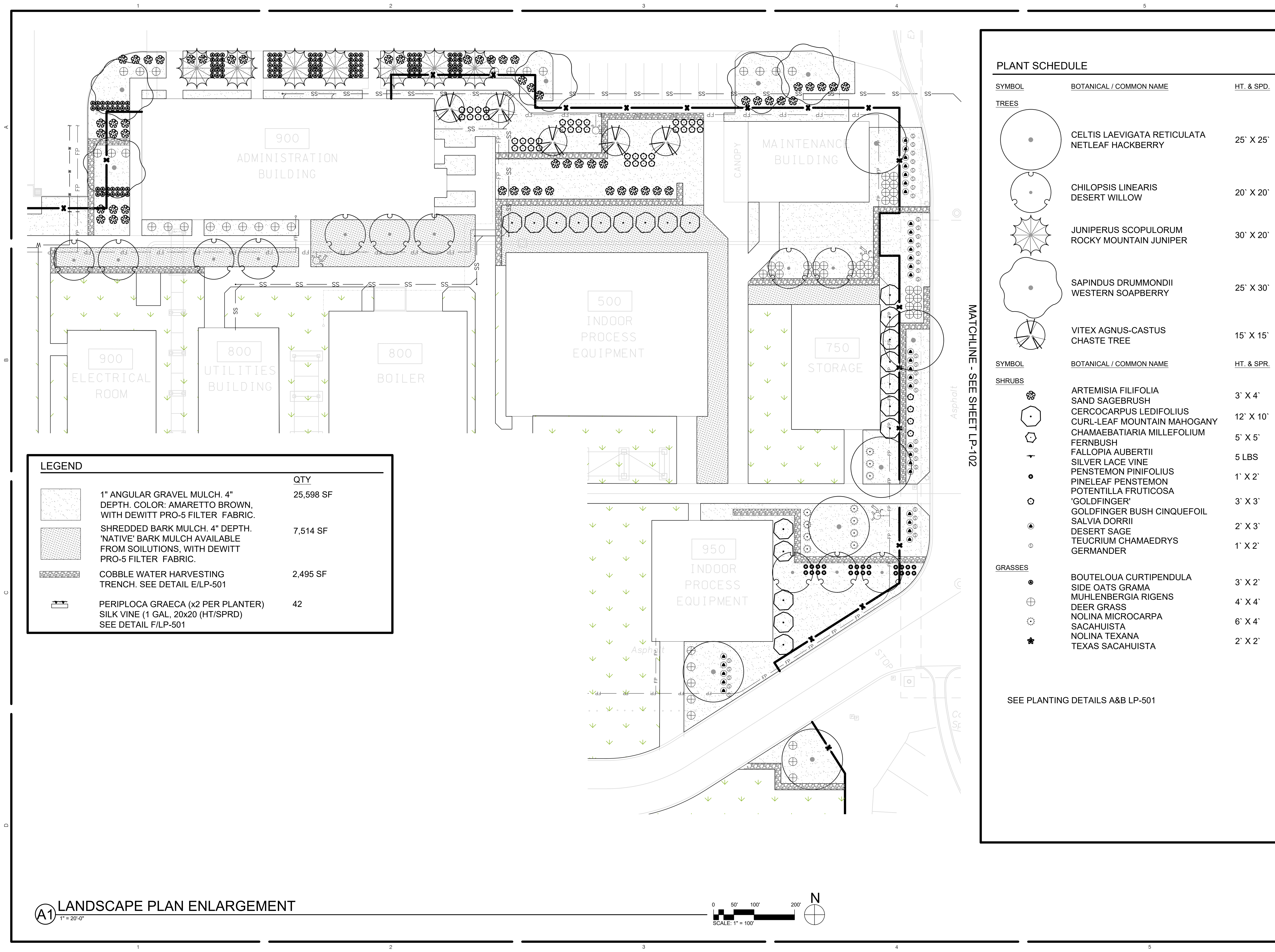
NOT FOR  
CONSTRUCTION

KAIROIS POWER SALT FACILITY



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

LANDSCAPE  
PLANTING PLAN  
LP-101

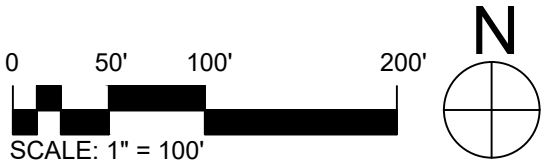


LEGEND	
	1" ANGULAR GRAVEL MULCH. 4" DEPTH. COLOR: AMARETTO BROWN, WITH DEWITT PRO-5 FILTER FABRIC.
	SHREDDED BARK MULCH. 4" DEPTH. 'NATIVE' BARK MULCH AVAILABLE FROM SOILUTIONS, WITH DEWITT PRO-5 FILTER FABRIC.
	COBBLE WATER HARVESTING TRENCH. SEE DETAIL E/LP-501
	PERIPLOCA GRAECA (x2 PER PLANTER) SILK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

SEE PLANTING DETAILS A&B LP-501

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'
SYMBOL	BOTANICAL / COMMON NAME	HT. & SPR.
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'

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



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

Kairos Power

SITES  
SOUTHWEST

NOT FOR  
CONSTRUCTION

KAIROIS POWER SALT FACILITY

LAND USE REVIEW

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

LANDSCAPE  
PLAN  
ENLARGEMENT  
LP-401

1700-B CENTRAL AVE. S.W.  
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PHONE: 503-822-2500  
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WEB: www.sites-sw.com

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

12345

D

C

B

A

12345

# 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, PLA, ASLA

LIDRISS@PLANDCOLLAB.COM

OWNER:

KAIROS POWER

5201 HAWKING DR SE,

ALBUQUERQUE, NM 87106


505-431-1255 PH


ATTN: RHONDA REYNOLDS

REYNOLDS@KAIROSPOWER.COM

VICINITY MAP

PROJECT AREA






plandcollab.com 505 268 2266

CONSULTANTS

SEAL



PROJECT NAME AND ADDRESS

KAIROS POWER  
EMPLOYEE PATIO

5201 HAWKING DR  
ALBUQUERQUE NM 87106

DATE JULY 12, 2024  
SUBMITTAL 100%  
CONSTRUCTION DOCUMENTS

REVISIONS

NO.	DATE	DESCRIPTION

MRWM PROJECT NO 24025

DESIGNED BY LI CHECKED BY AZ

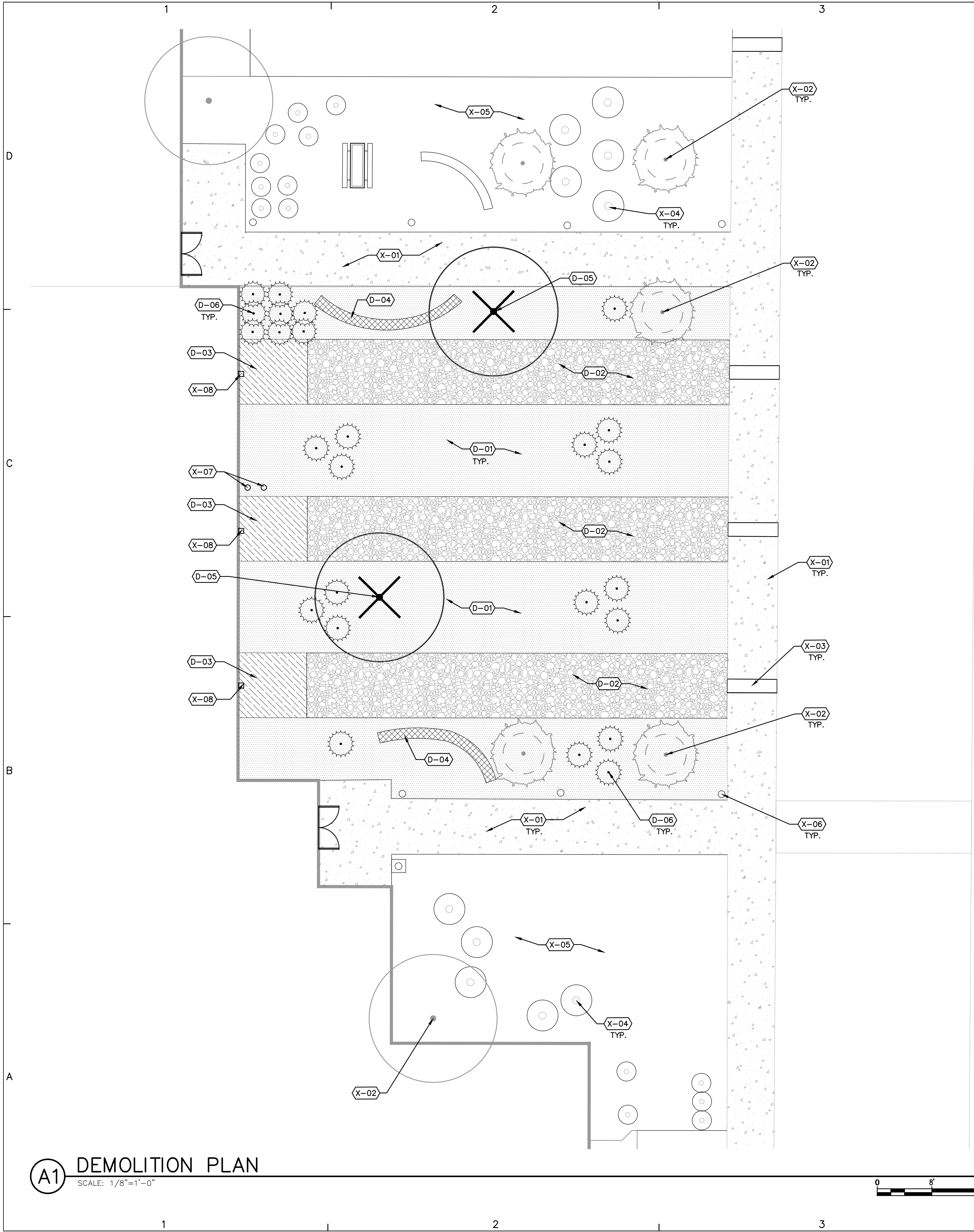
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SHEET TITLE

COVER SHEET

SHEET NUMBER

G001



### GENERAL DEMOLITION NOTES

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

### TREE PROTECTION NOTES

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

### DEMOLITION SCHEDULE

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

### EXISTING CONDITIONS NOTES

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

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
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MRWM PROJECT NO 24025

DESIGNED BY LJ

CHECKED BY AZ

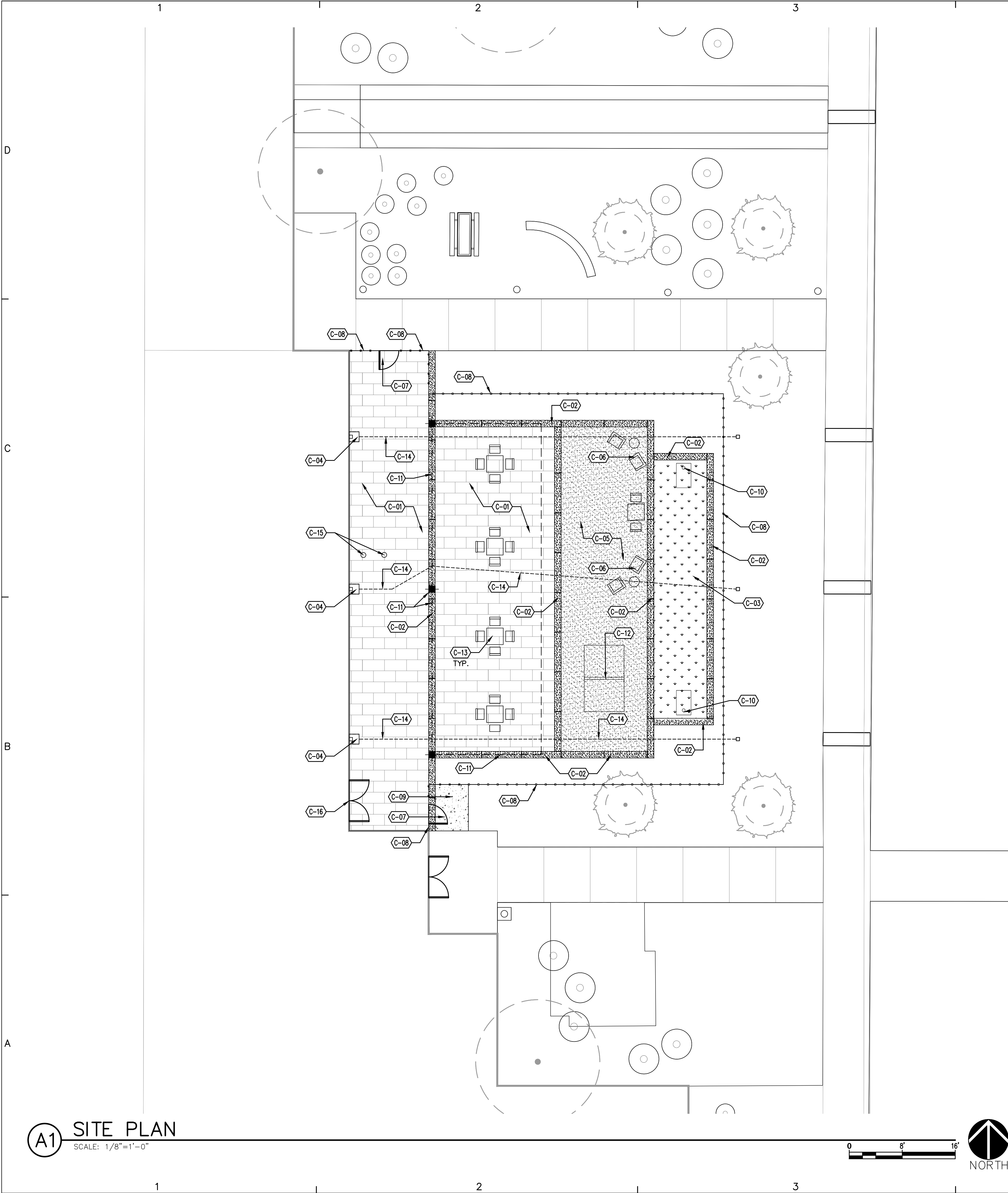
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SHEET TITLE

### DEMOLITION PLAN

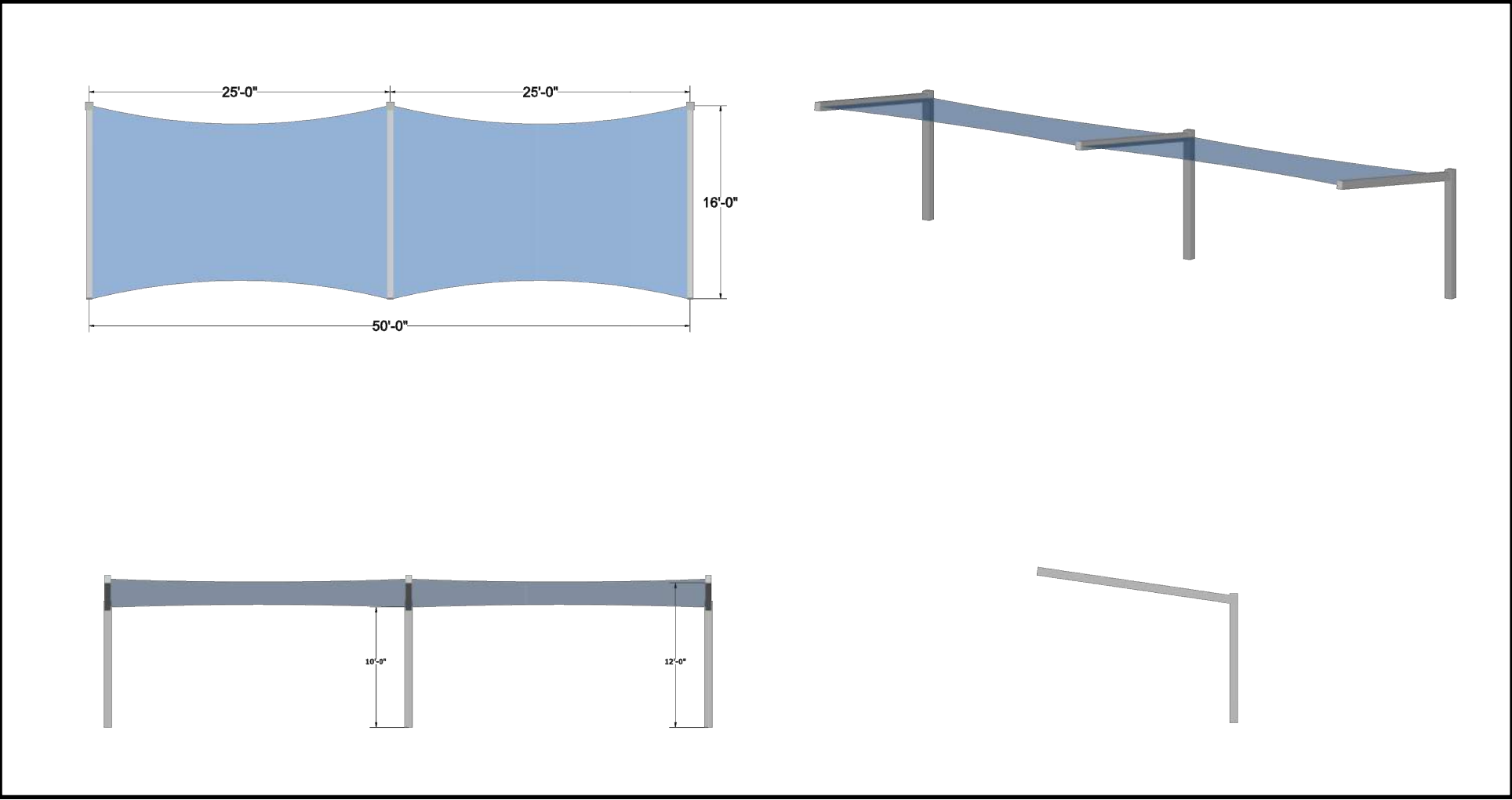
SHEET NUMBER

LD101



KEYED NOTES

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



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

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

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

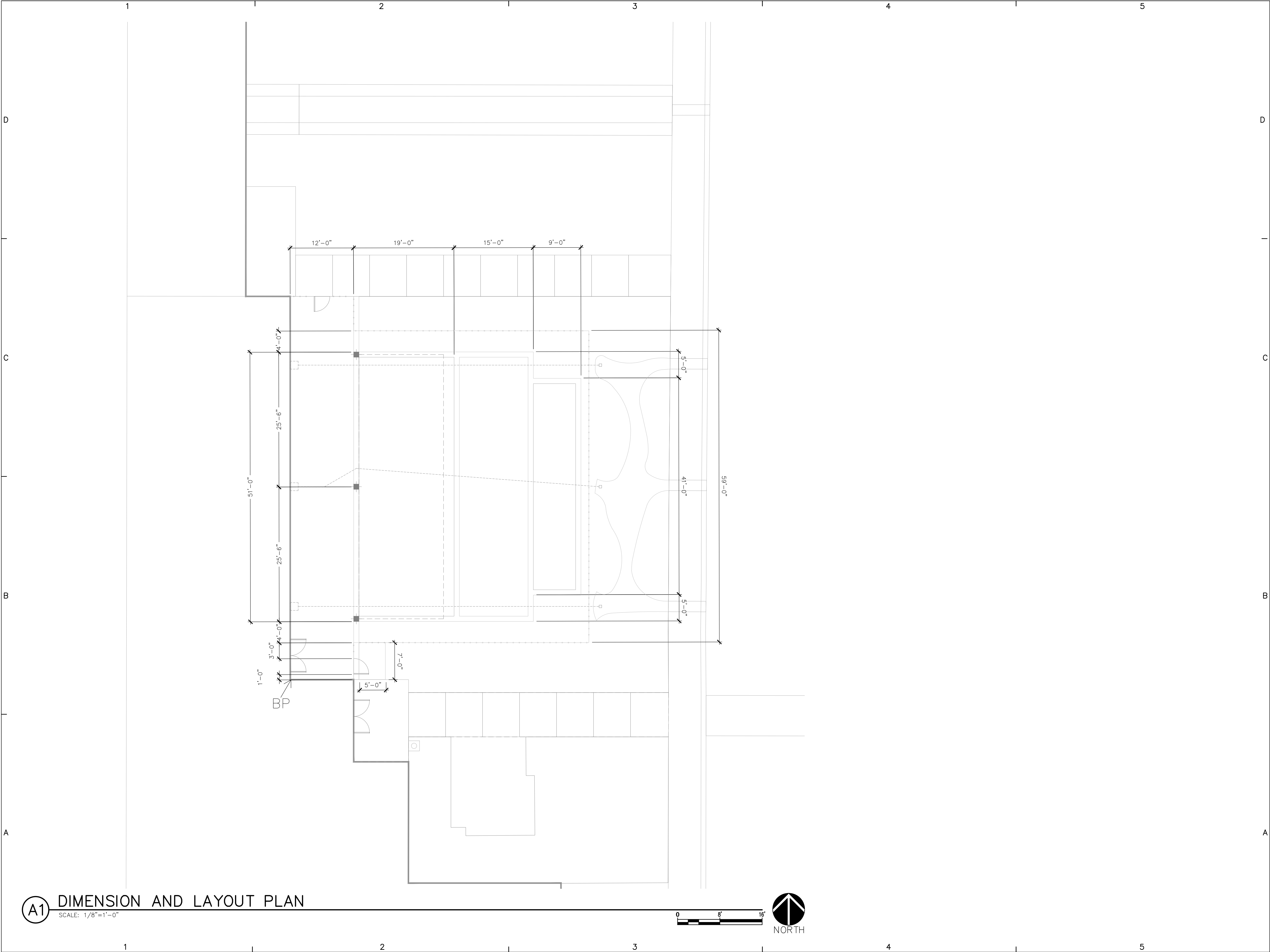
SHEET TITLE

SITE PLAN

SHEET NUMBER

LS101





plandcollab.com 505 268 2266

CONSULTANTS

SEAL

PROJECT NAME AND ADDRESS

KAIROS POWER  
EMPLOYEE PATIO  
5201 HAWKING DR  
ALBUQUERQUE NM 87106

DATE JULY 12, 2024  
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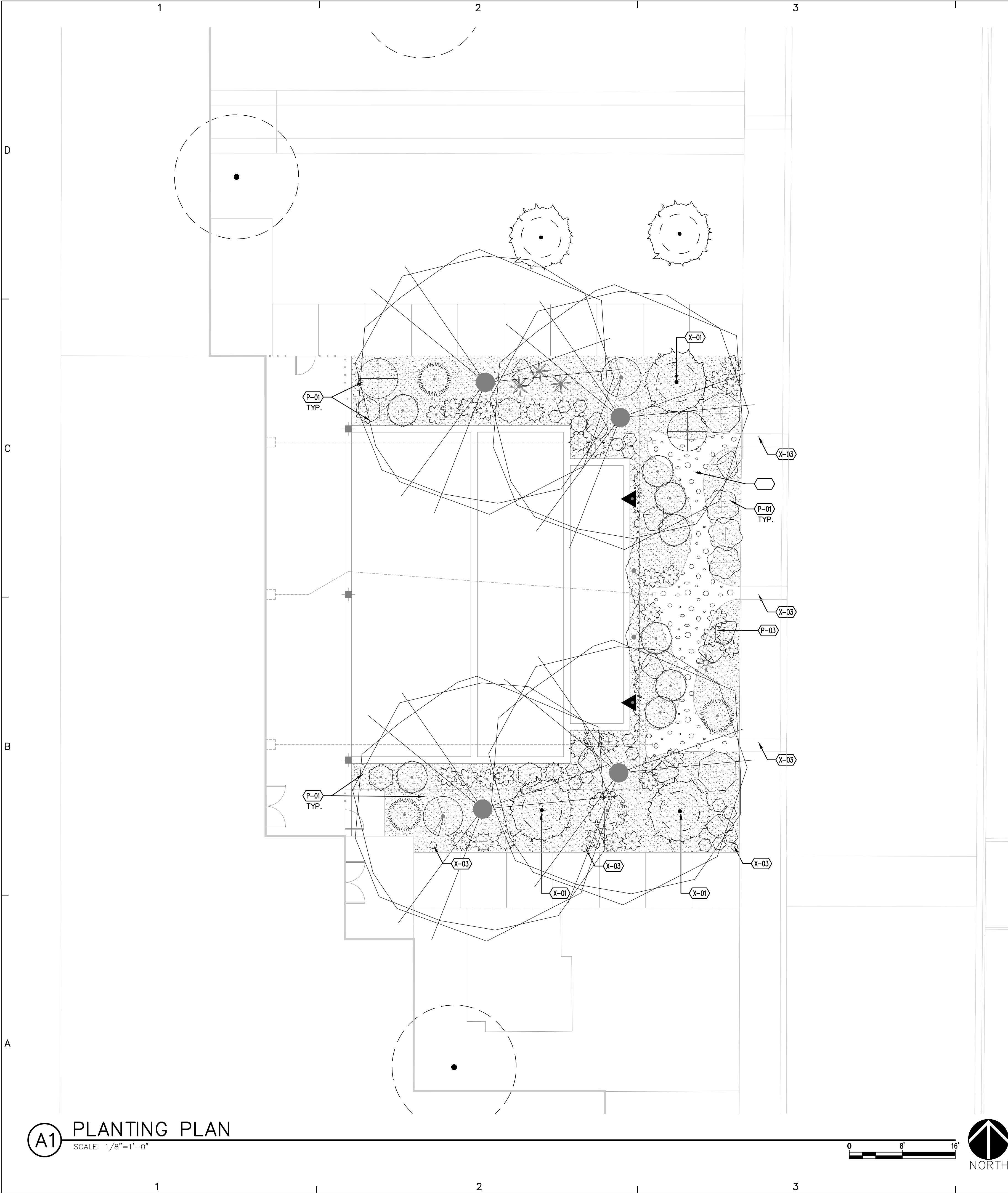
MRWM PROJECT NO 24025  
DESIGNED BY LI CHECKED BY AZ  
DRAWN BY CE

SHEET TITLE

DIMENSION AND  
LAYOUT PLAN

SHEET NUMBER

LK101



GENERAL PLANTING NOTES

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

EXISTING CONDITIONS

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

















PLANTING SCHEDULE

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

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

PLANT SCHEDULE

SEE SHEET LP501 FOR COMPLETE PLANT SCHEDULE

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

**pland**  
COLLABORATIVE

plandcollab.com 505 268 2266

CONSULTANTS

SEAL

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

PROJECT NAME AND ADDRESS

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

DATE JULY 12, 2024  
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100%  
CONSTRUCTION DOCUMENTS

REVISIONS

NO.	DATE	DESCRIPTION

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

SHEET TITLE

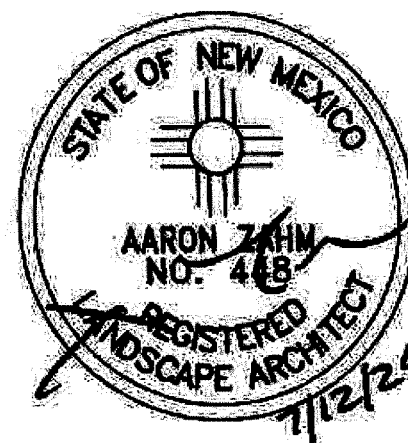
**PLANTING PLAN**

SHEET NUMBER

**LP101**

CONSULTANTS

SEAL



PROJECT NAME AND ADDRESS

# KAIROS POWER EMPLOYEE PATIO

5201 HAWKING DR  
ALBUQUERQUE NM 87106

DATE JULY 12, 2024  
SUBMITTAL

100%  
CONSTRUCTION DOCUMENTS

[illegible]

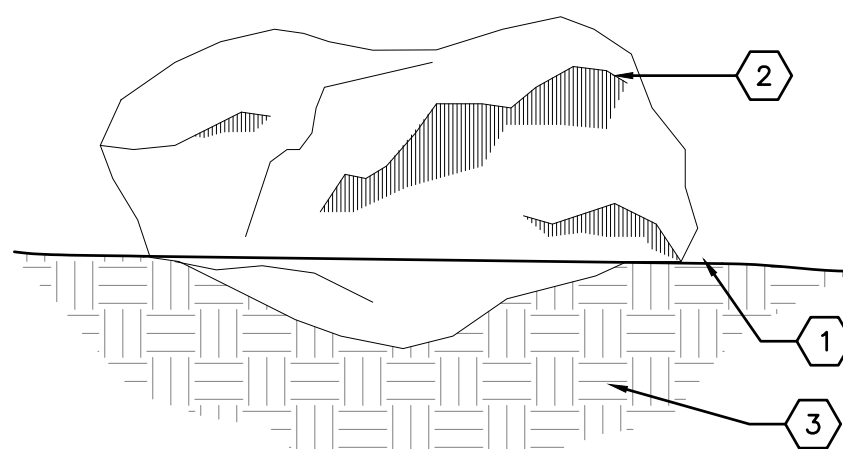
MRWM PROJECT NO 24025  
DESIGNED BY LI CHECKED BY AZ  
DRAWN BY FB

SHEET TITLE

## PLANTING DETAILS

SHEET NUMBER

LP501

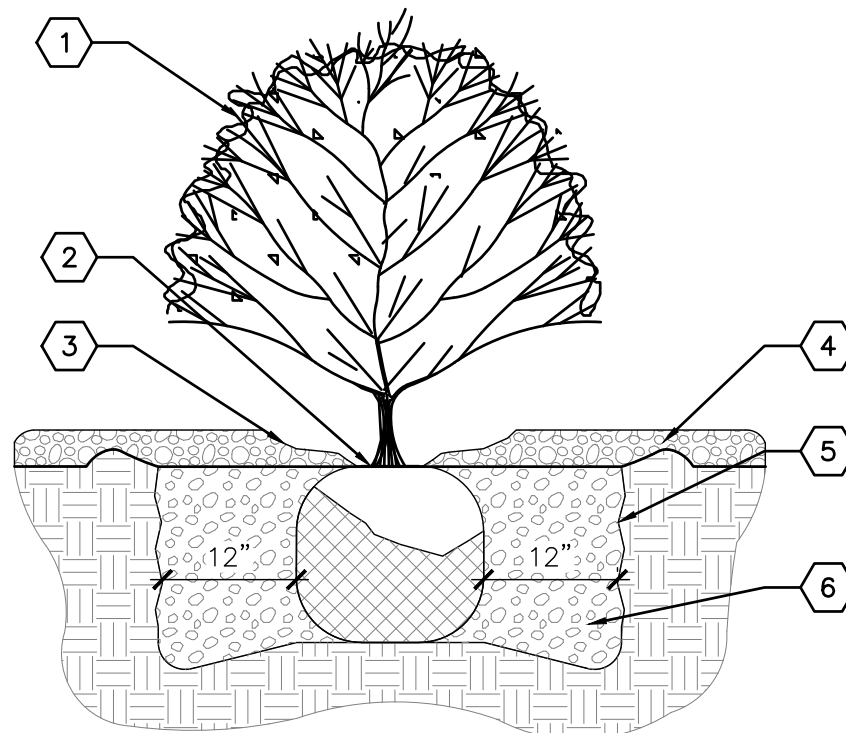


## KEYED NOTES

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

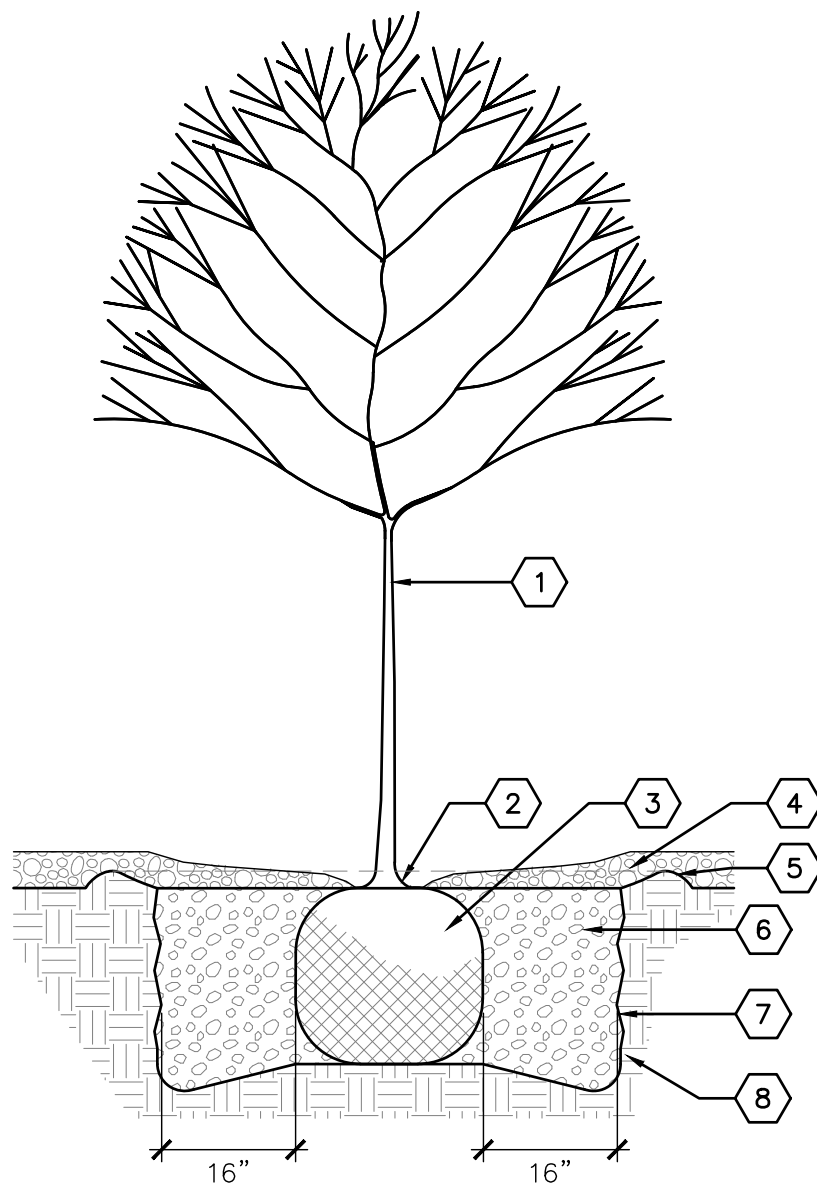


## KEYED NOTES

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

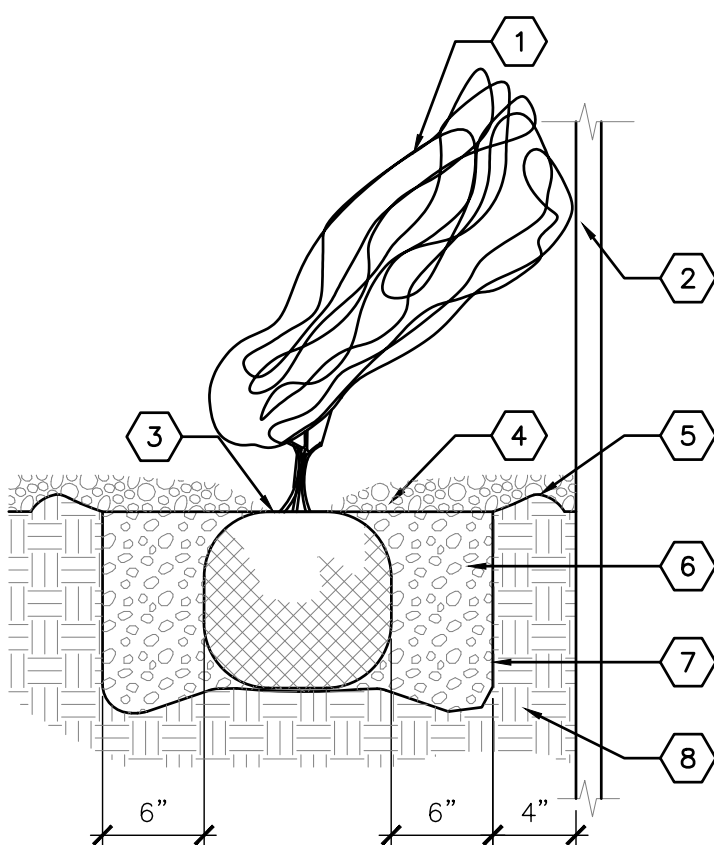


## KEYED NOTES

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

## 15 TREE PLANTING

NOT TO SCALE


















## KEYED NOTES

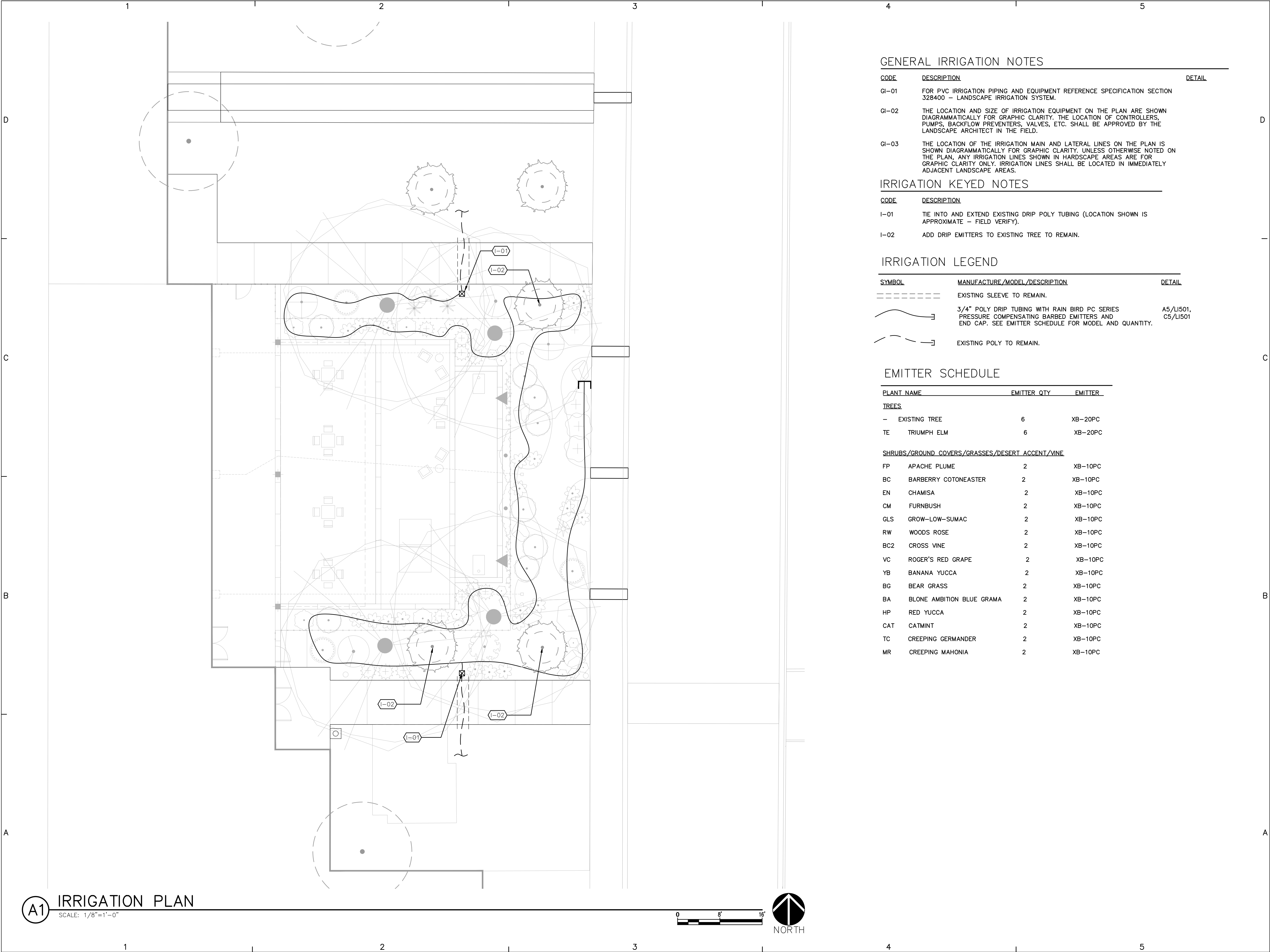
1. VINE - SEE PLAN FOR SPECIES AND LOCATION.
2. VERTICAL STRUCTURE - SEE PLAN.
3. PLANT AT SAME DEPTH AS MAINTAINED AT NURSERY.
4. MULCH - SEE PLAN. HOLD BACK 2" FROM VINE STEMS.
5. EARTHEN BERM, 6" HEIGHT
6. BACKFILL AND SOIL AMENDMENTS - SEE SPECIFICATIONS. MIX THOROUGHLY PRIOR TO INSTALLATION.
7. 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
<b>TREES</b>								
	TE	4	TRIUMPH ELM	ULMUS X 'MORTON GLOSSY' TM	B&B	50'	40'	2" CAL., 10'-12' HT.
<b>SHRUBS</b>								
	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.
<b>VINES</b>								
	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.
<b>DESERT ACCENTS</b>								
	YB	1	BANANA YUCCA	YUCCA BACCATA	5 GAL.	3'	3'	MIN. 12" HT.
	BG	8	BEAR GRASS	NOLINA TEXANA	5 GAL.	4'	5'	MIN. 12" HT.
	BA	23	BLONDE AMBITION BLUE GRAMA	BOUTELOUA GRACILIS 'BLONDE AMBITION'	3 GAL.	2'	3'	MIN. 8" HT.
	HP	3	RED YUCCA	HESPERALOE PARVIFLORA	5 GAL.	3'	3'	MIN. 12" HT.
<b>GROUNDCOVERS</b>								
	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.



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

plandcollab.com 505 268 2266

CONSULTANTS

SEAL

PROJECT NAME AND ADDRESS

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

DATE JULY 12, 2024  
SUBMITTAL 100%  
CONSTRUCTION DOCUMENTS

REVISIONS

NO.	DATE	DESCRIPTION

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

SHEET TITLE

**IRRIGATION PLAN**

SHEET NUMBER

**LI101**

12345

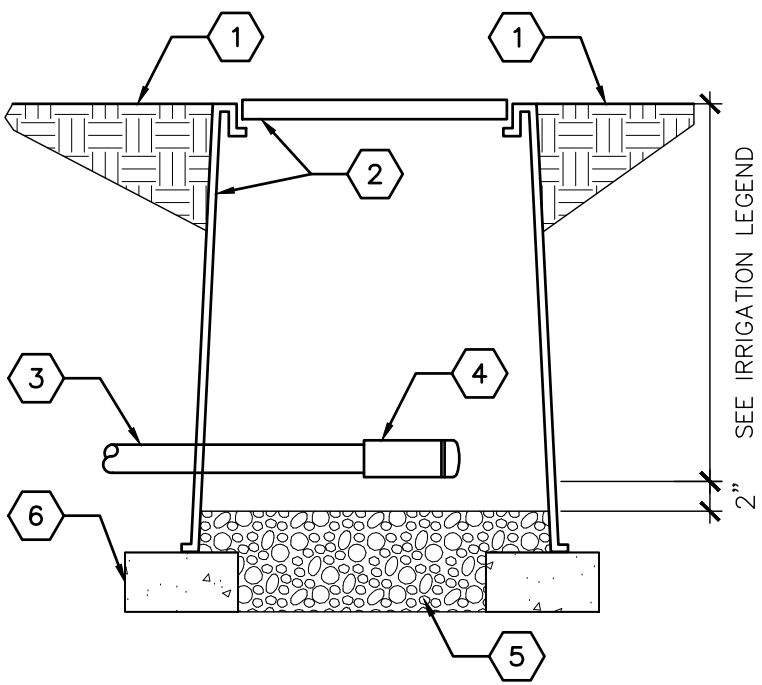
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C

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12345



SEE IRRIGATION LEGEND  
2"

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.

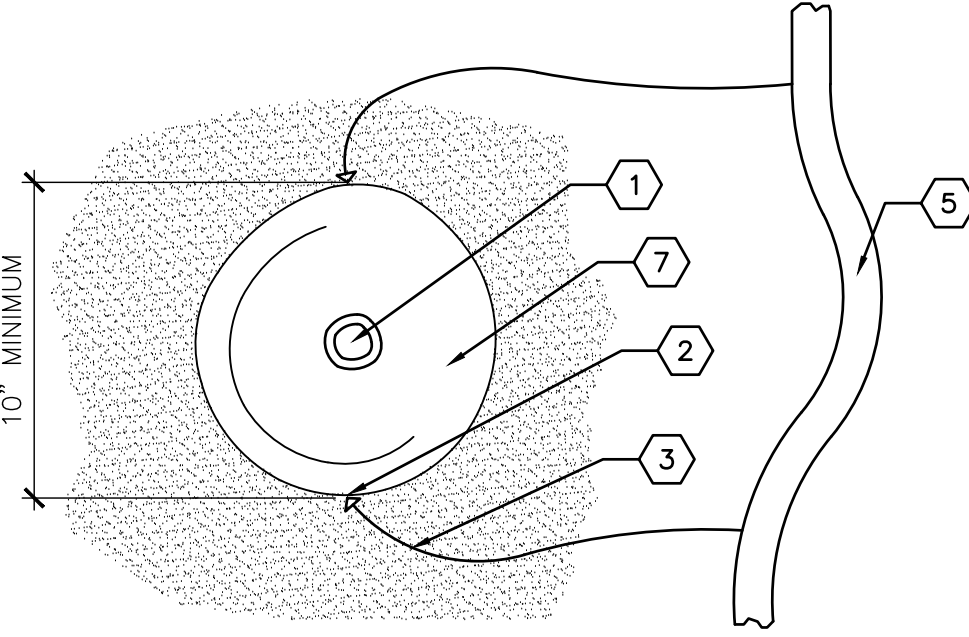
5. 3/4" TO 1" DIAMETER CRUSHED GRAVEL, 6" DEPTH. GRAVEL SHALL BE FREE OF DIRT AND FINES.

6. SOLID CMU BLOCK (2 EACH).

C5

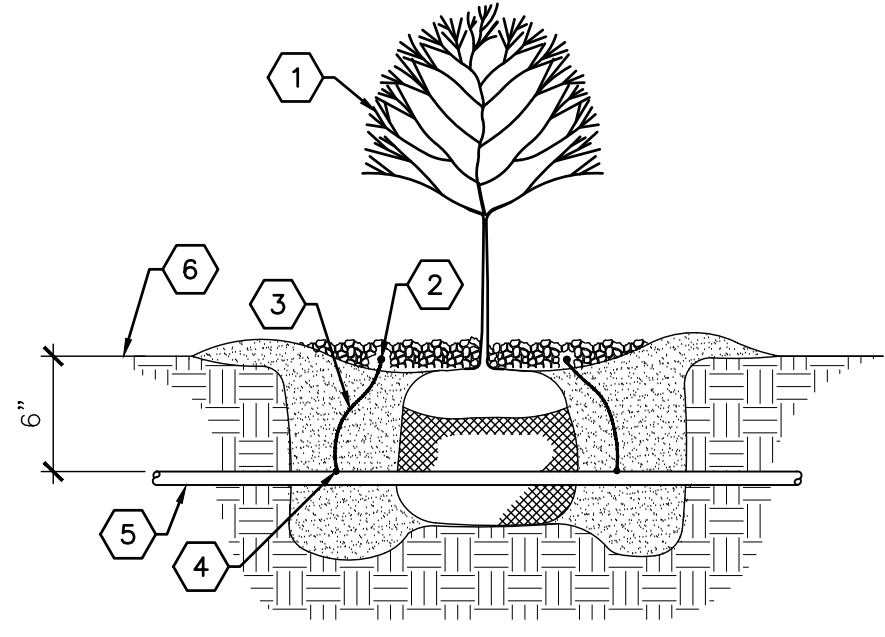
DRIP LINE FLUSH CAP

NOT TO SCALE



10" MINIMUM

PLAN



6"

SECTION

KEYED NOTES

1. TREE OR SHRUB PLANTING.

2. DRIP EMITTER (SEE LEGEND).

3. 1/4" DRIPLINE.

4. TRANSFER BARB.

5. 1/2" POLYETHYLENE DRIP TUBING.

6. FINISH GRADE.

7. PLANT ROOTBALL.

GENERAL NOTES

A. INSTALL EMITTERS ON OPPOSING SIDES OF ROOTBALL.

B. EMITTERS ARE TO BE INSTALLED TO CLEAR TOP OF FINISH GRADE BY A MINIMUM OF 1" AND A MAXIMUM OF 2".

C. FLUSH ALL LINES THOROUGHLY, INCLUDING 1/4" TUBING, PRIOR TO EMITTER INSTALLATION.


D. IF PLANTING ON A 4:1 SLOPE OR STEEPER, INSTALL ALL EMITTERS ON UPHILL SIDE OF ROOTBALL.

E. REFER TO IRRIGATION LEGEND & EMITTER SCHEDULE FOR EMITTER TYPE AND QUANTITY.

A5

DRIP EMITTER PLACEMENT


NOT TO SCALE



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CONSULTANTS

SEAL



PROJECT NAME AND ADDRESS

KAIROS POWER  
EMPLOYEE PATIO  
5201 HAWKING DR  
ALBUQUERQUE NM 87106

DATE JULY 12, 2024  
SUBMITTAL  
100%  
CONSTRUCTION DOCUMENTS

REVISIONS

NO.	DATE	DESCRIPTION

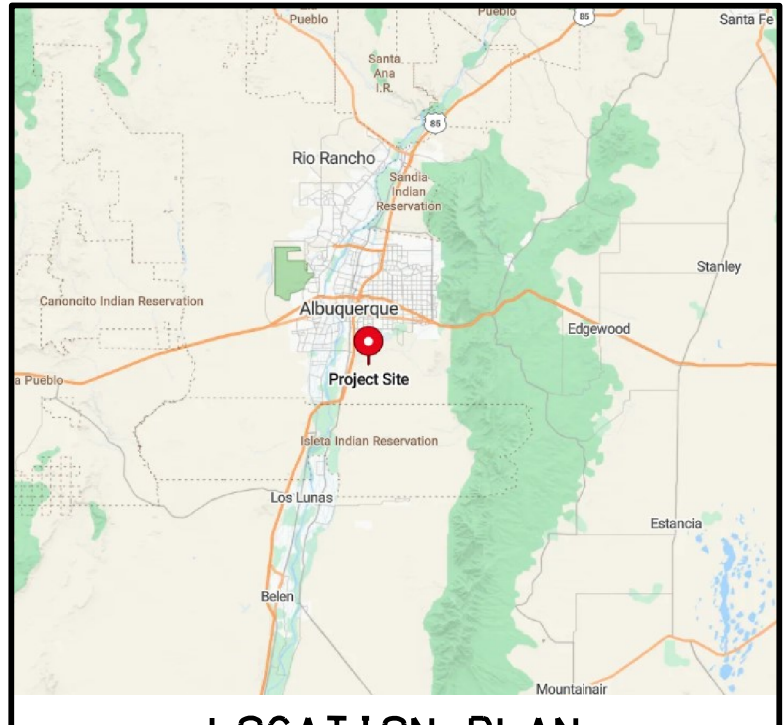
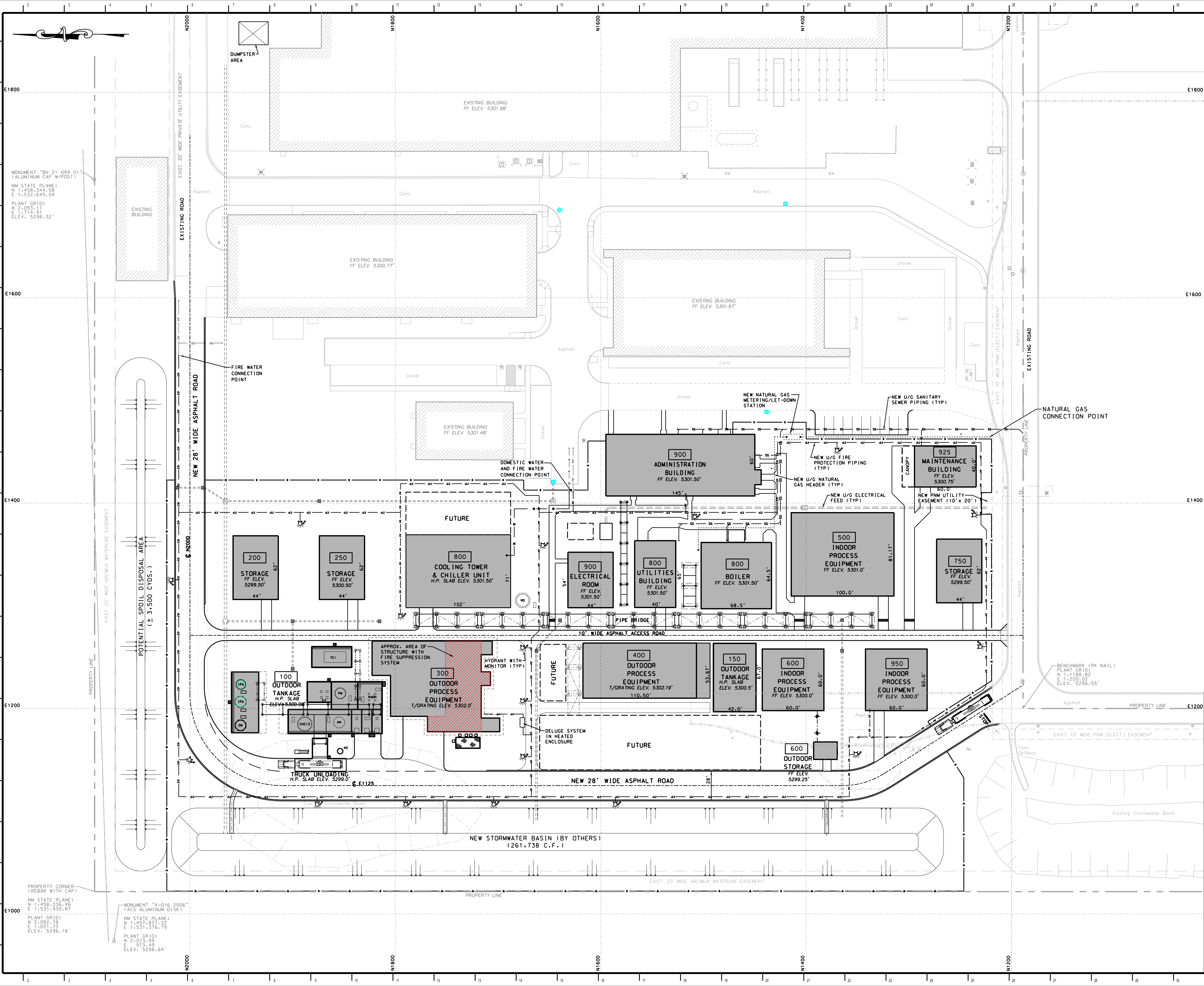
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DESIGNED BY LI CHECKED BY AZ  
DRAWN BY CE

SHEET TITLE

IRRIGATION DETAILS

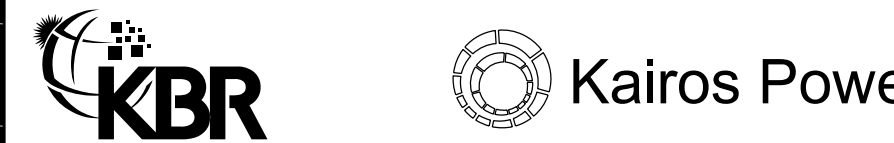
SHEET NUMBER

LI501



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

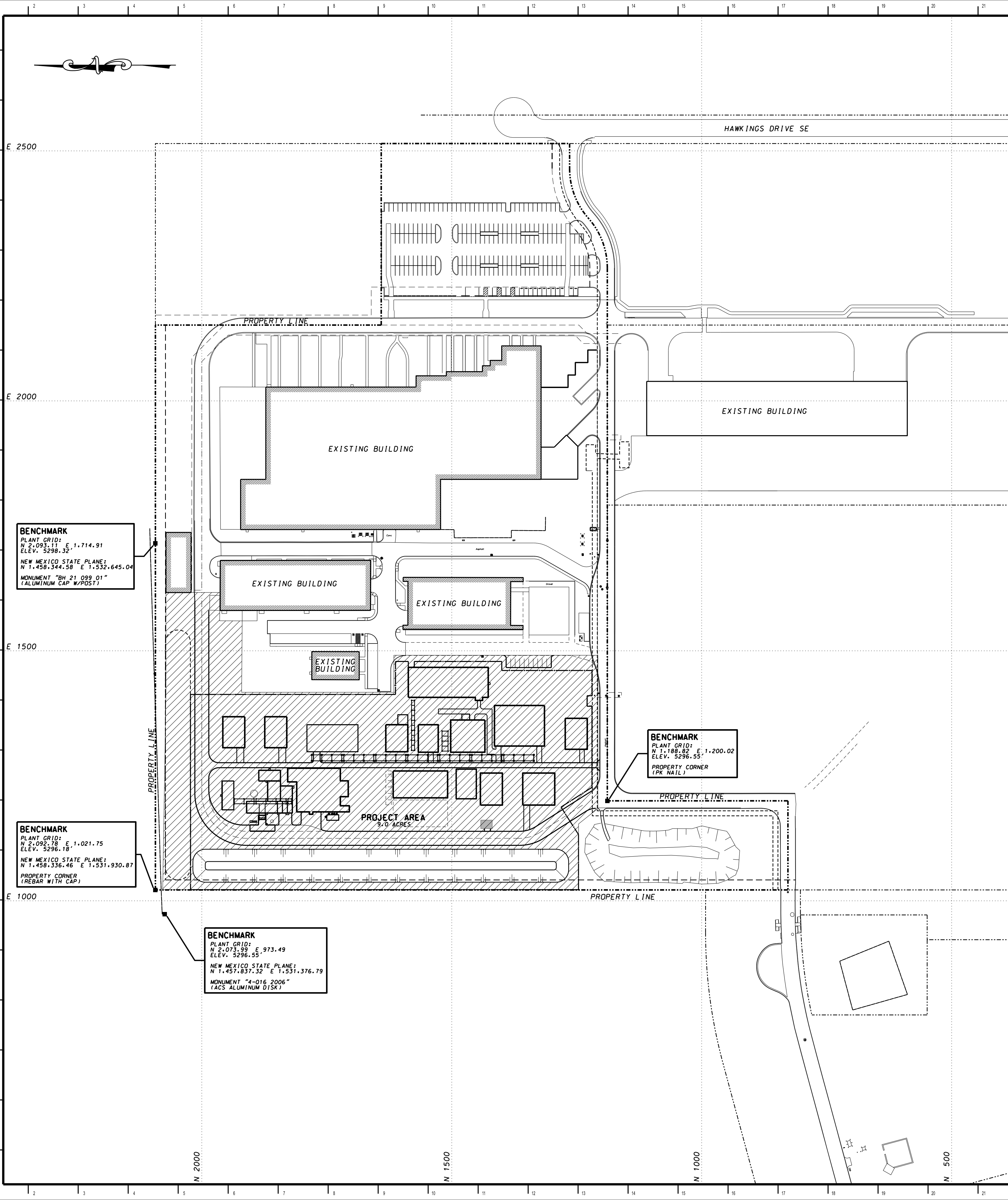
REVISION HISTORY					
REV	DATE	DESCRIPTION	BY	CHK	APP
G	11-15-24	REV. U/G UTILITIES & FUTURE STRUCTURES	EJO		
F	9-09-24	REV. BLDG. SIZES	EJO		
E	8-30-24	REV. BLDG. SIZES, ADDED MAINTENANCE BLDG.	EJO		
D	8-09-24	ADDED DUMPSTER AREA	EJO		
C	7-08-24	ISSUED FOR DESIGN	EJO		
B	5-08-24	ISSUED FOR DESIGN	EJO		
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	KPS-SLT-K11-900-1-001	
PROJ	218356			REV. G



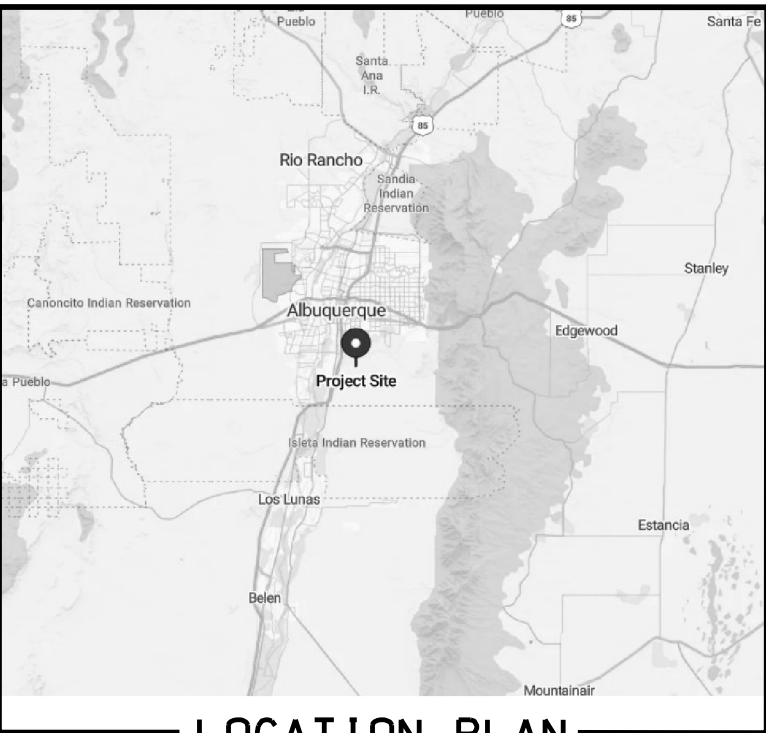
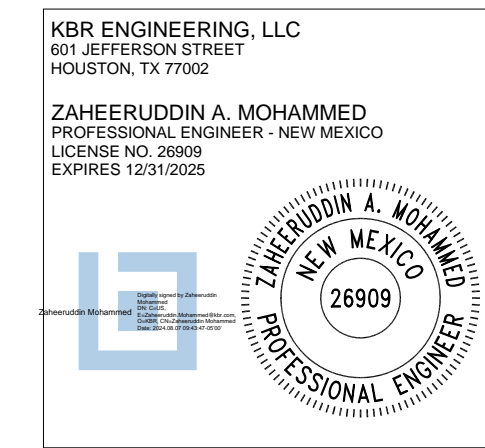
GENERAL NOTES:

- 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.
- ALL COORDINATES SHOWN ARE BASED UPON THE PLANT COORDINATE SYSTEM. EXISTING PLANT MONUMENTS TO BE USED FOR THIS PROJECT ARE SHOWN.
- 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.
- 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.
- 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.
- 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 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.
- 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.
- DO NOT SCALE THE DRAWINGS. ADJACENT AND SURROUNDING PHYSICAL CONDITIONS, BUILDINGS, STRUCTURES, ETC. ARE SCHEMATIC ONLY EXCEPT WHERE DIMENSIONS ARE SHOWN.
- 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.
- 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.
- 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.
- 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.
- ALTERNATE ROUTES OF TRAVEL SHALL BE ESTABLISHED DURING ROAD CLOSURES TO ALLOW SUFFICIENT INGRESS/EGRESS TO EXISTING FACILITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL ROADS AND PAVED AREAS TO REMOVE DIRT AND/OR CONSTRUCTION DEBRIS CAUSED BY THE WORK.
- THIS SITE FALLS IN THE AIR SPACE PROTECTION SUB-AREA FOR THE ALBUQUERQUE INTERNATIONAL AIRPORT.

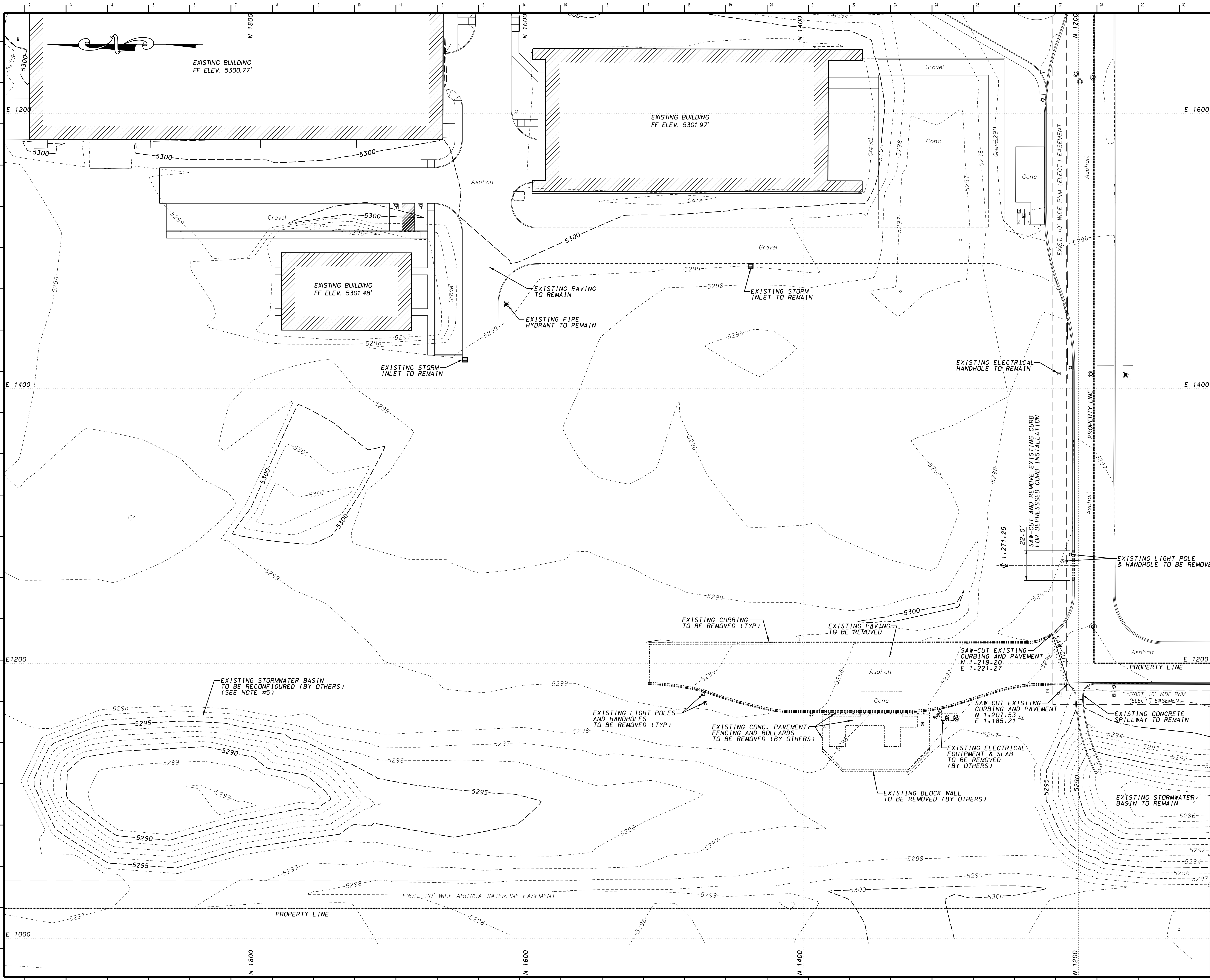
REFERENCE DRAWINGS & DOCUMENTS:

KPS-SLT-K11-900-1-001	CIVIL KEY PLAN
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.



REVISION HISTORY					
REV	DATE	DESCRIPTION	BY	CHK	APP
0	8-05-24	ISSUED FOR CONSTRUCTION	EJO	AS	ZM
<div><div></div><div></div></div> <p>THIS DRAWING IS THE EXCLUSIVE PROPERTY OF KAIROS POWER LLC. AND IS PROPRIETARY AND CONFIDENTIAL INFORMATION. THE DRAWINGS AND THE INFORMATION CONTAINED THEREIN MUST NOT BE DUPLICATED, USED, REPRODUCED, COPIED, DISCLOSED OR APPROPRIATED IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN EXPRESSLY AUTHORIZED IN WRITING BY KAIROS POWER. THE DRAWING MUST BE RETURNED PROMPTLY UPON REQUEST.</p> <div><div><b>KPSW PROJECT SAGUARO</b></div><div><b>OVERALL SITE PLAN</b></div></div>					
DRAWN	EJO	CHECKED	AS	APPROVED	CS
SCALE	1" = 100'	DRAWING NUMBER	DATE 7-30-24		
PROJ	218356	KPS-SLT-K11-900-1-002			REV. 0

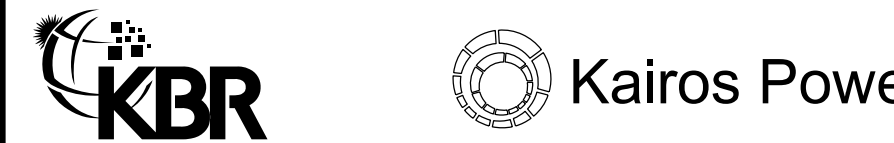


NOTES:

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. 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	KPS-SLT-K11-900-1-003				REV.
PROJ	218356						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. 10' WIDE CONCRETE ACCESS DRIVE SHALL BE CENTERED ON BUILDING OPENING.
4. LIMITS OF STONE SURFACING TO BE DETERMINED BY THE OWNER

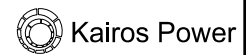
KBR ENGINEERING COMPANY  
801 JEFFERSON STREET  
HOUSTON, TX 77002  
NM SCC NUMBER 1570407

ZAHEERUDDIN A. MOHAMMEND  
PROFESSIONAL ENGINEER - NEW MEXICO  
LICENSE NO. 26909  
EXPIRES 12/31/2025



## REVISION HISTORY

REV	DATE	DESCRIPTION	BY	CHK	APP
1	9-24-24	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 SAGUARO  
LAYOUT PLAN  
SHEET #1**

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

MATCH LINE (N 1.640.0)

SEE DWG. No. KPS-SLT-K11-900-1-004 FOR CONTIN.

#### 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. 10' WIDE CONCRETE ACCESS DRIVE SHALL BE CENTERED ON BUILDING OPENING.
4. LIMITS OF STONE SURFACING TO BE DETERMINED BY THE OWNER
5. DOOR PAD SIZE AND LOCATIONS AND SIDEWALK LOCATION SHALL BE ADJUSTED AS REQUIRED TO MEET FINAL BUILDING DESIGN AND DOOR LOCATIONS.

KBR ENGINEERING COMPANY  
601 JEFFERSON STREET  
HOUSTON, TX 77002  
NM SCC NUMBER 1570407

ZAHREERUDDIN A. MOHAMMED  
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, 600, 800, 900 & 925. REV. FENCE. ADDED BLDG, 925.	EJO	AS	ZM
0	8-05-24	ISSUED FOR CONSTRUCTION	EJO	AS	ZM

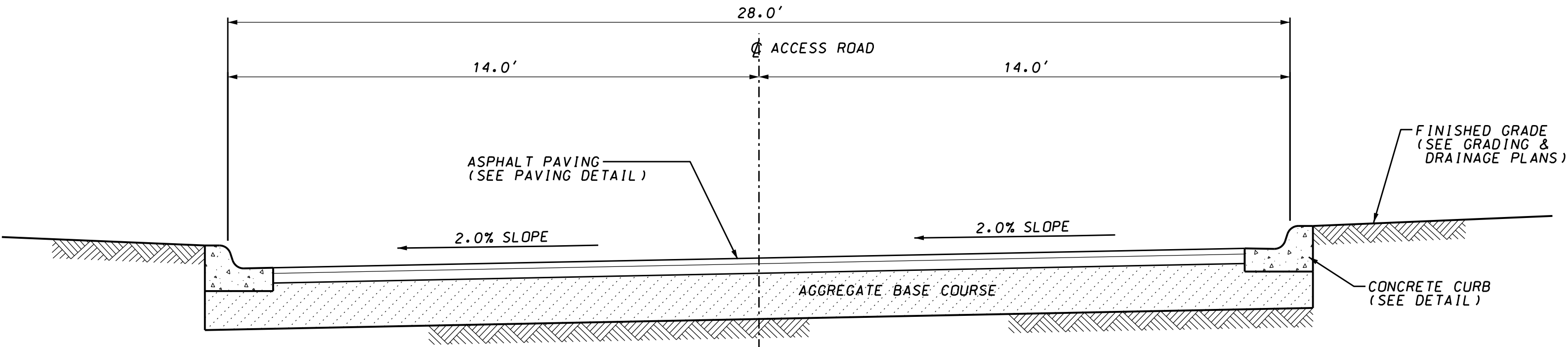


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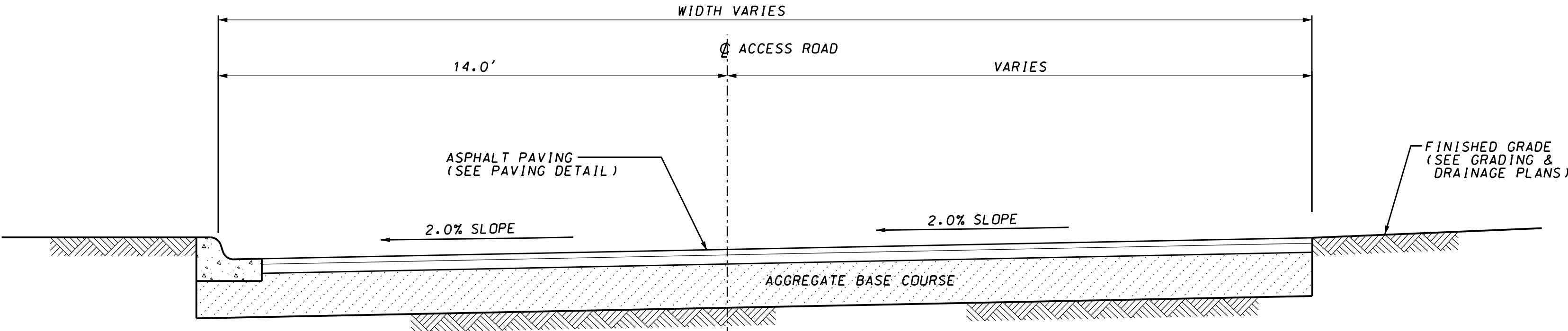
#### KPSW PROJECT SAGUARO LAYOUT PLAN SHEET #2

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

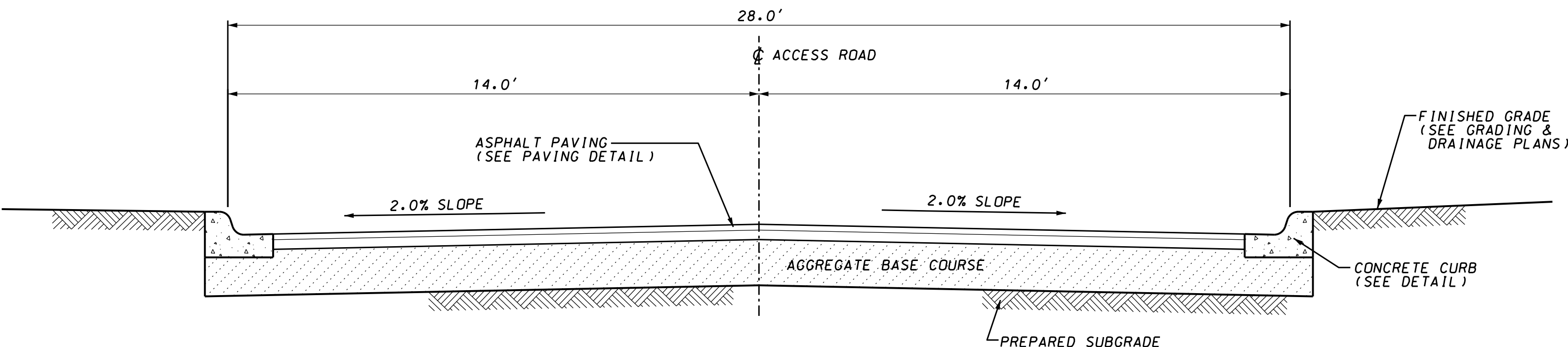
- NOTES:
- REFER TO DRAWING No. KPS-SLT-K11-900-1-002 FOR GENERAL NOTES AND LIST OF REFERENCE DRAWINGS.
  - REFER TO DRAWING No. KPS-SLT-K11-900-1-007 FOR TYPICAL SITE DETAILS.
  - ROAD CROSS SLOPE SHALL WARP AT STA. 0+40.0 AND AT STA. 12+50.0 TO MEET THE ELEVATION OF EXISTING PAVING TO REMAIN.



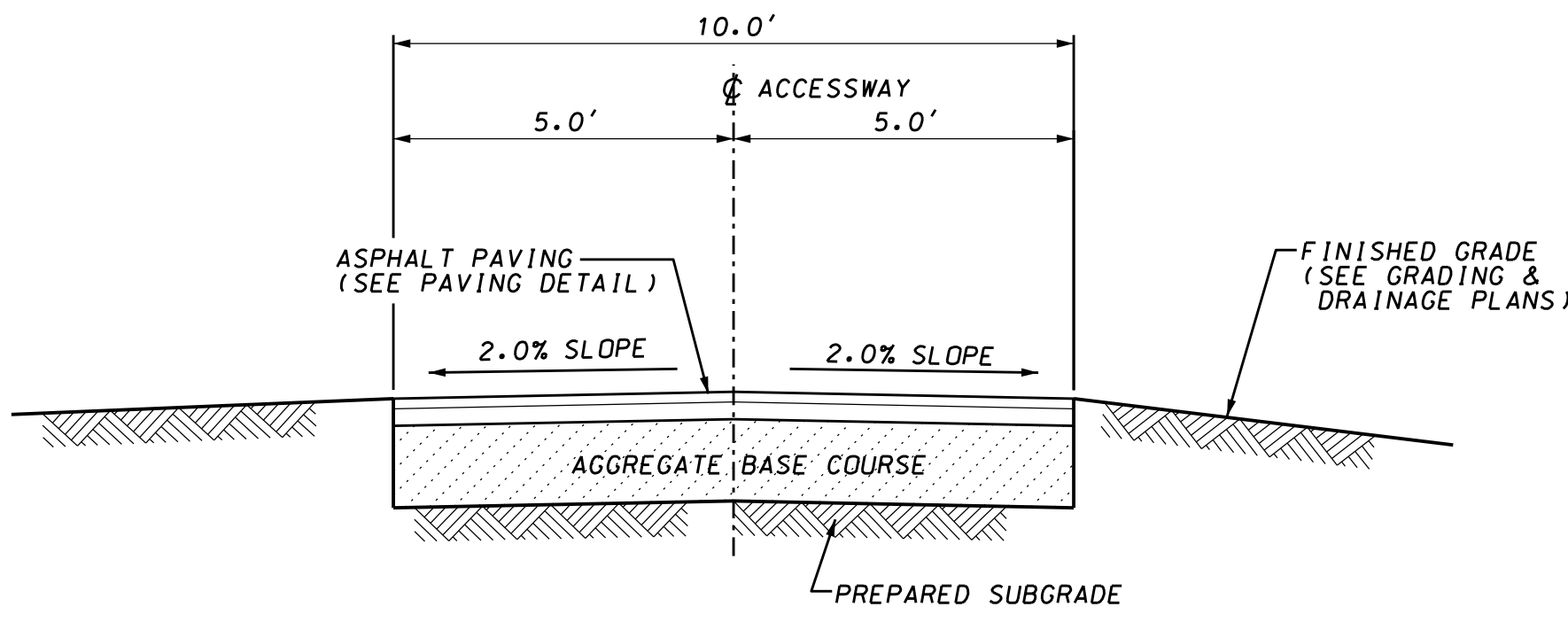
STA. 0+40.0 TO STA. 5+50.0  
ACCESS ROAD CROSS SECTION  
SCALE: 1/4" = 1'-0" (SEE NOTE \*2)



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)



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

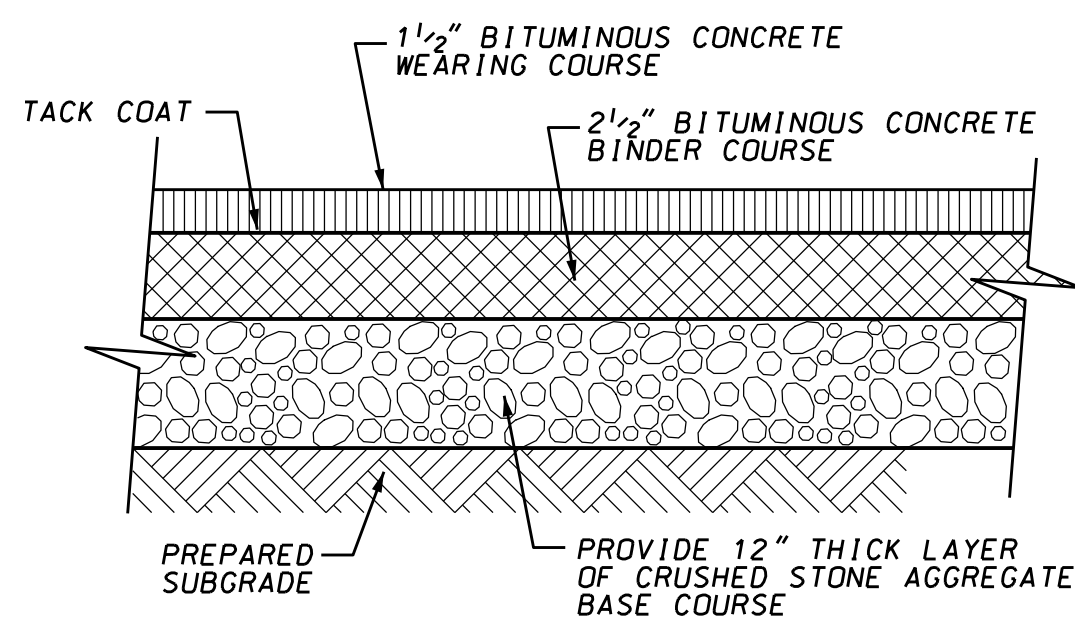
REVISION HISTORY						
REV	DATE	DESCRIPTION	BY	CHK	APP	
0	8-05-24	ISSUED FOR CONSTRUCTION	EJO	AS	ZM	



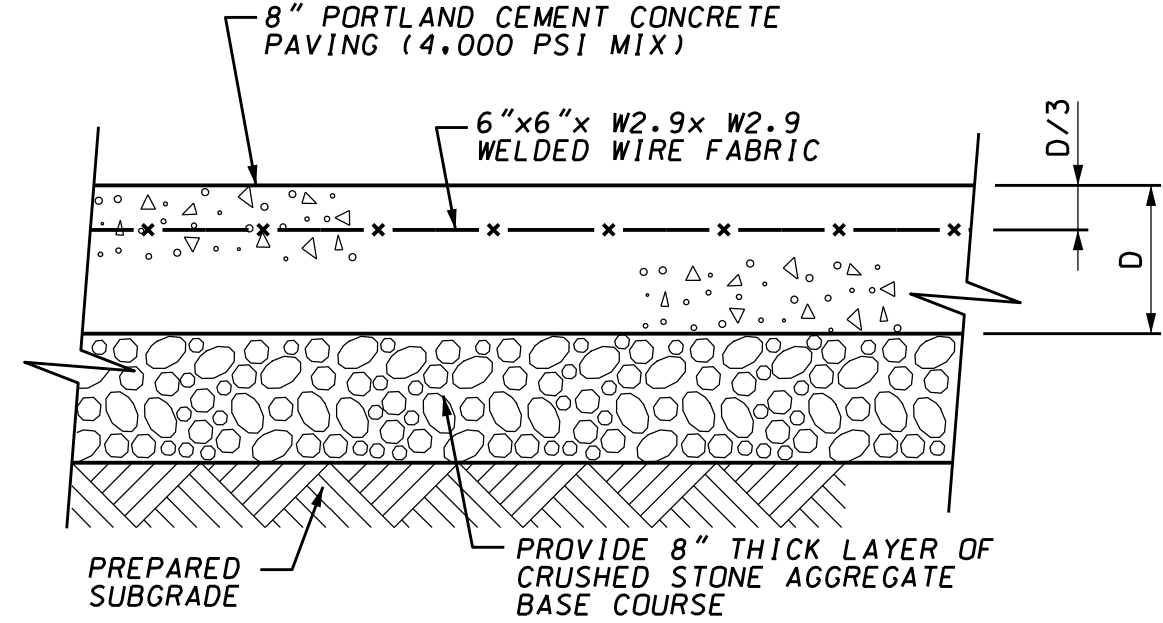
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**KPSW PROJECT SAGUARO**  
**TYPICAL ROAD CROSS SECTIONS**

DRAWN	EJO	CHECKED	AS	APPROVED	CS	DATE	7-30-24
SCALE	AS NOTED	DRAWING NUMBER					REV.
PROJ	218356	KPS-SLT-K11-900-1-006					0



TYPE 1  
ASPHALT PAVING



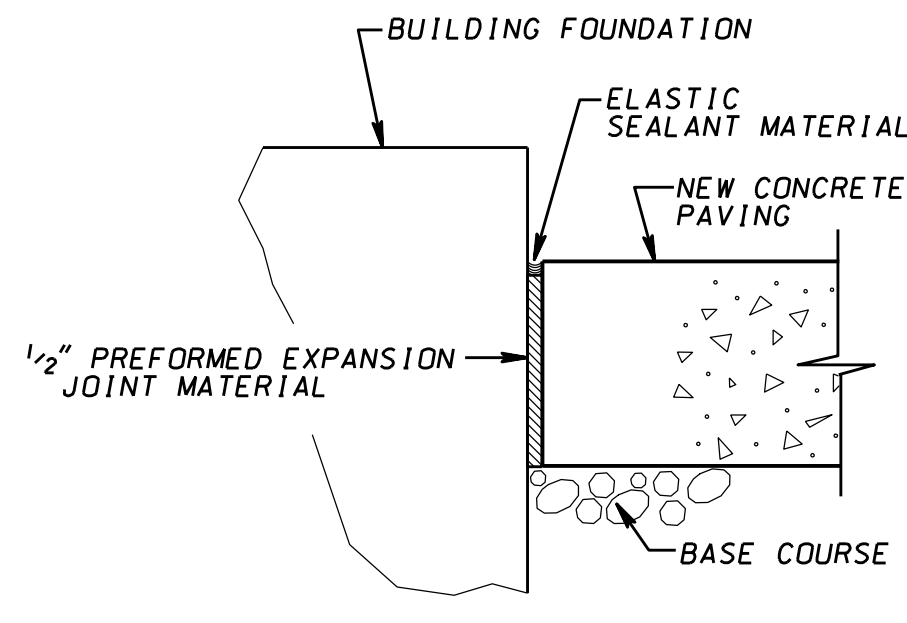
TYPE 2  
CONCRETE PAVING

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.

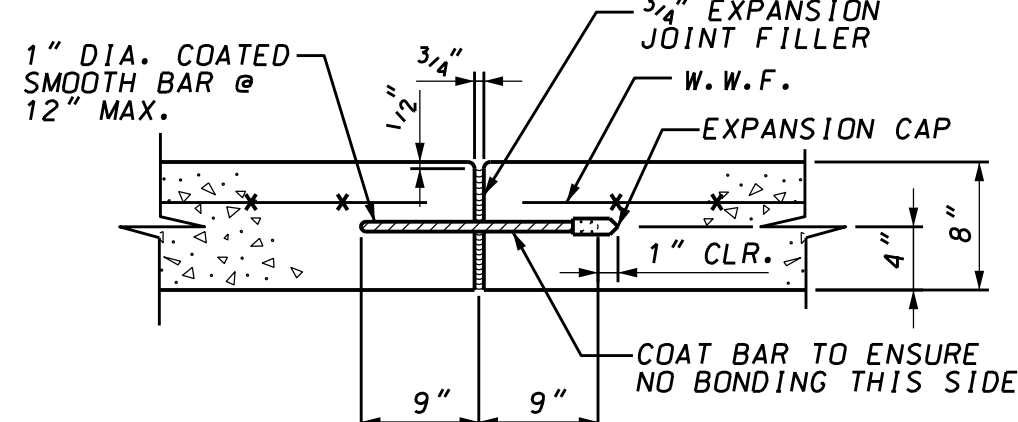
TYPICAL PAVING DETAILS

NOT TO SCALE



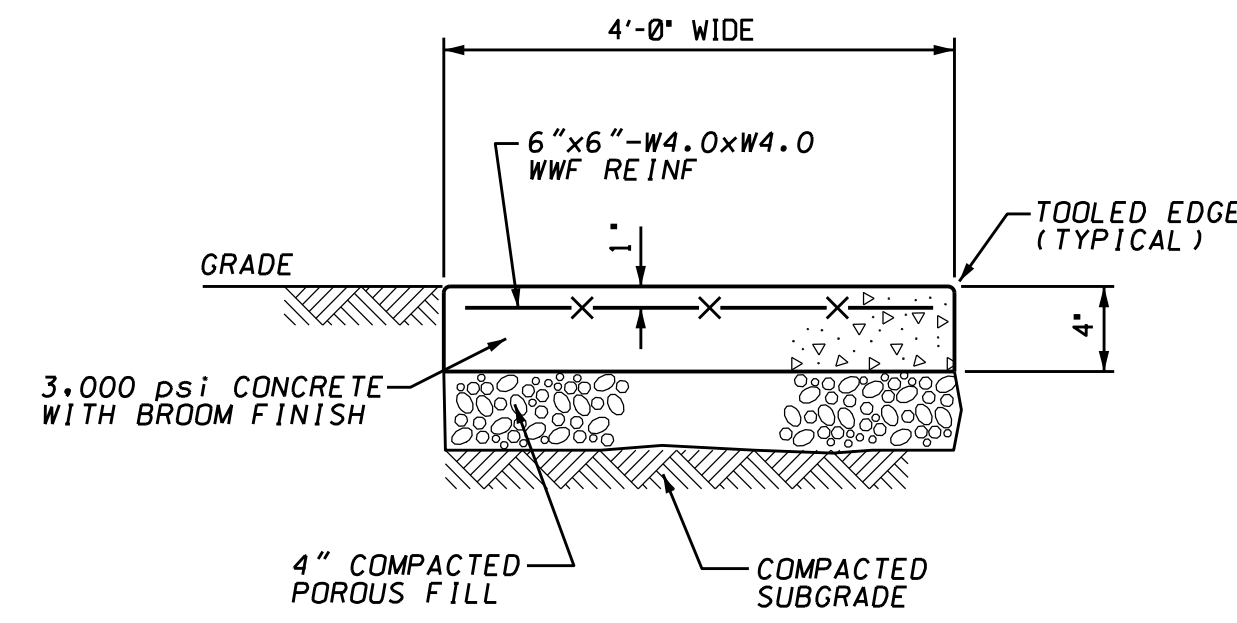
TYPICAL ISOLATION JOINT DETAIL

NOT TO SCALE



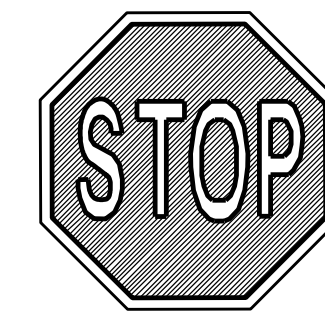
TYPICAL EXPANSION or  
CONSTRUCTION JOINT DETAIL

NOT TO SCALE



TYPICAL SIDEWALK DETAIL

NOT TO SCALE



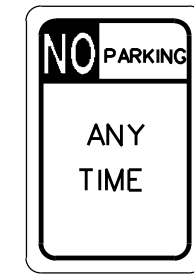
MUTCD I.D.  
NO. R1-1  
(2'-0" x 2'-0")



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



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



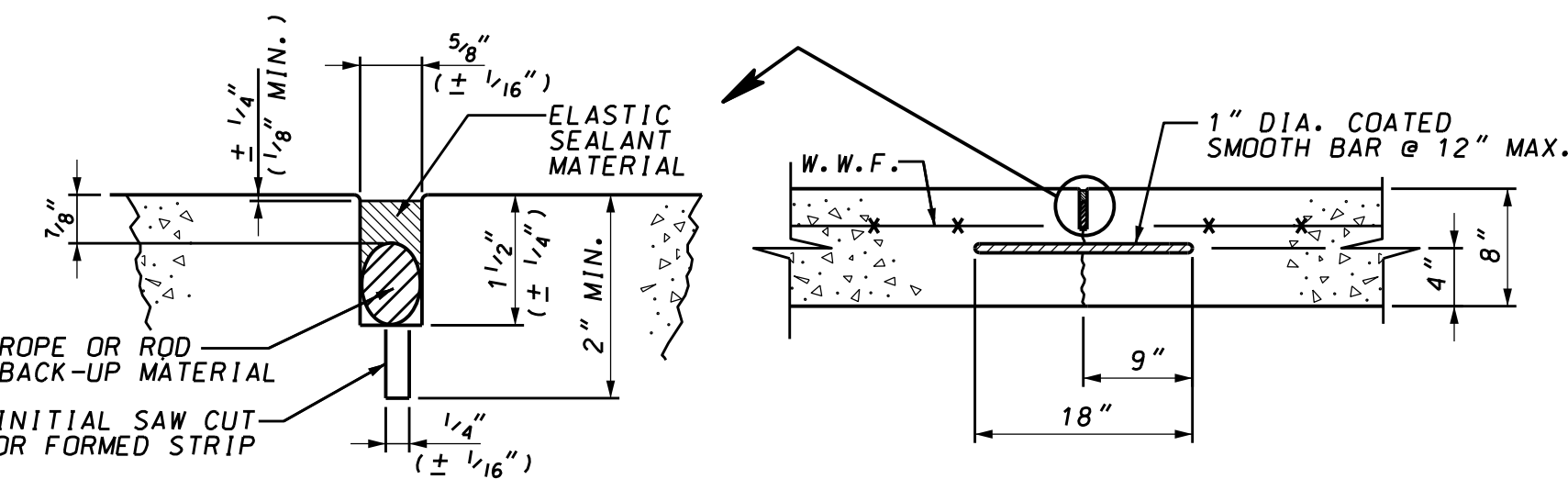
MUTCD I.D.  
NO. P1-2  
(1'-6" x 1'-0")

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".

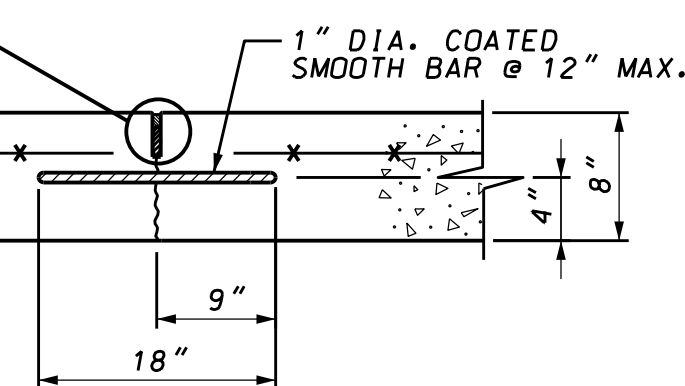
TYPICAL SIGN DETAILS

NOT TO SCALE



TYPICAL CONTRACTION or  
CONTROL JOINT DETAIL

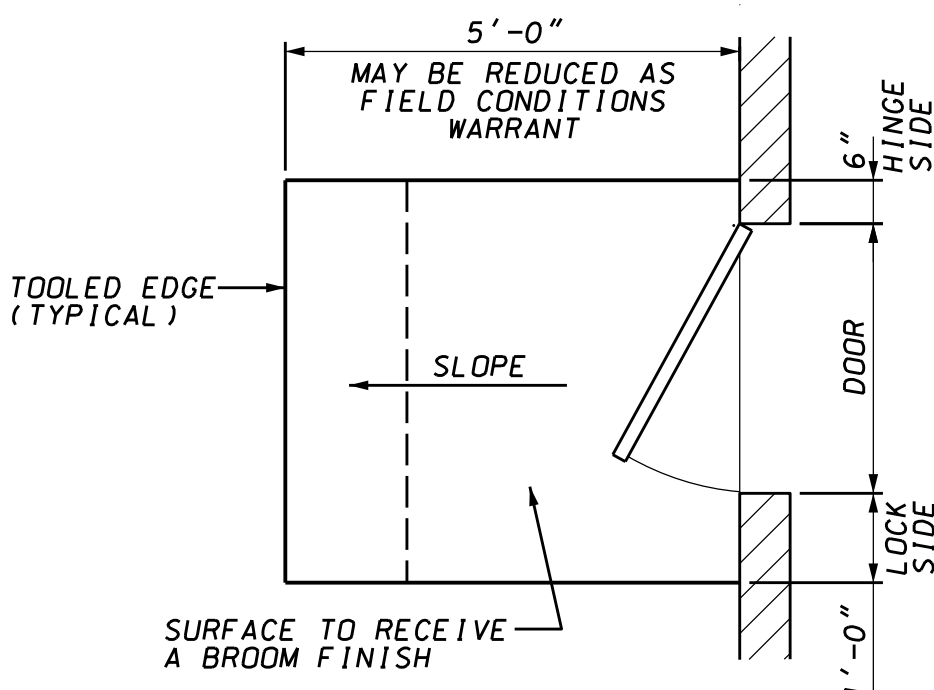
NOT TO SCALE



TYPICAL LAP DETAIL FOR  
WELDED WIRE FABRIC

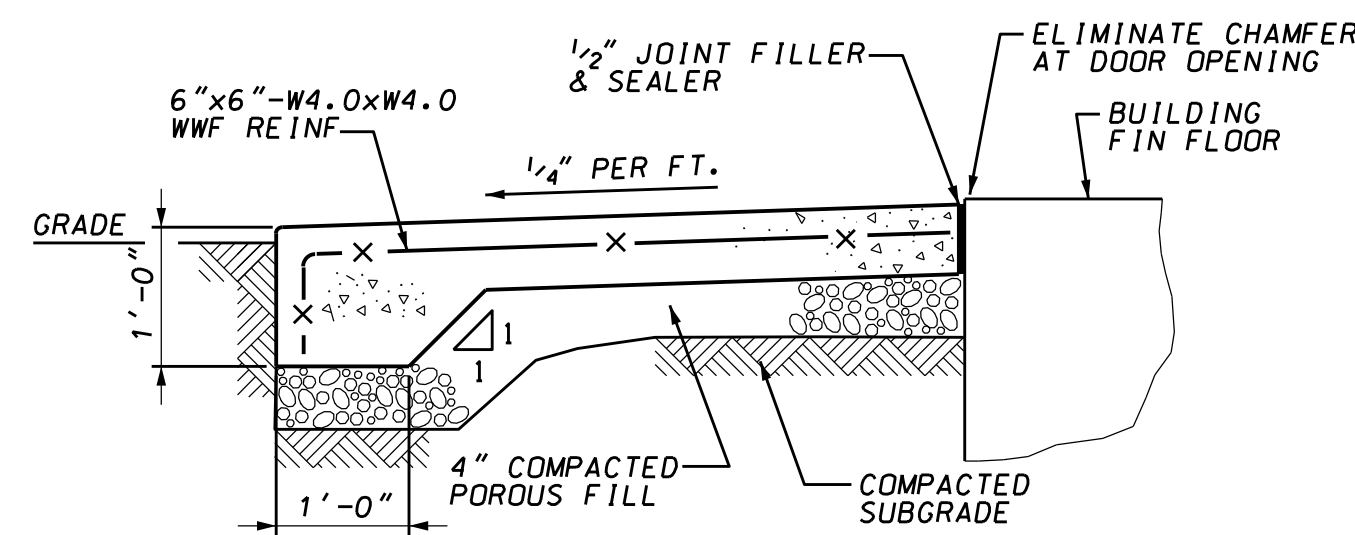
NOT TO SCALE

TYPICAL LAP SPLICE FOR W.W.F.  
IN BOTH DIRECTIONS

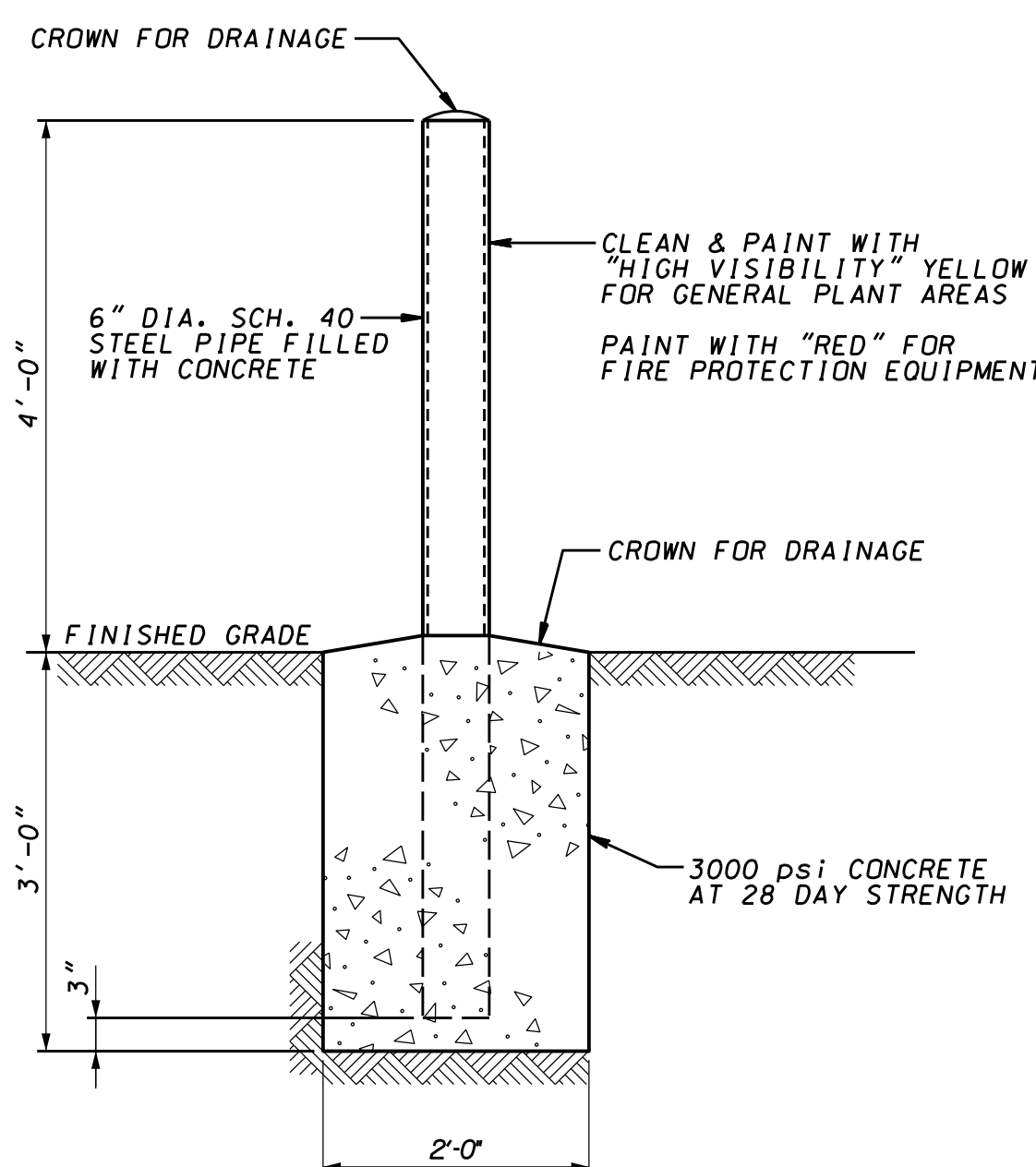


TYPICAL DOOR PAD DETAIL

NOT TO SCALE

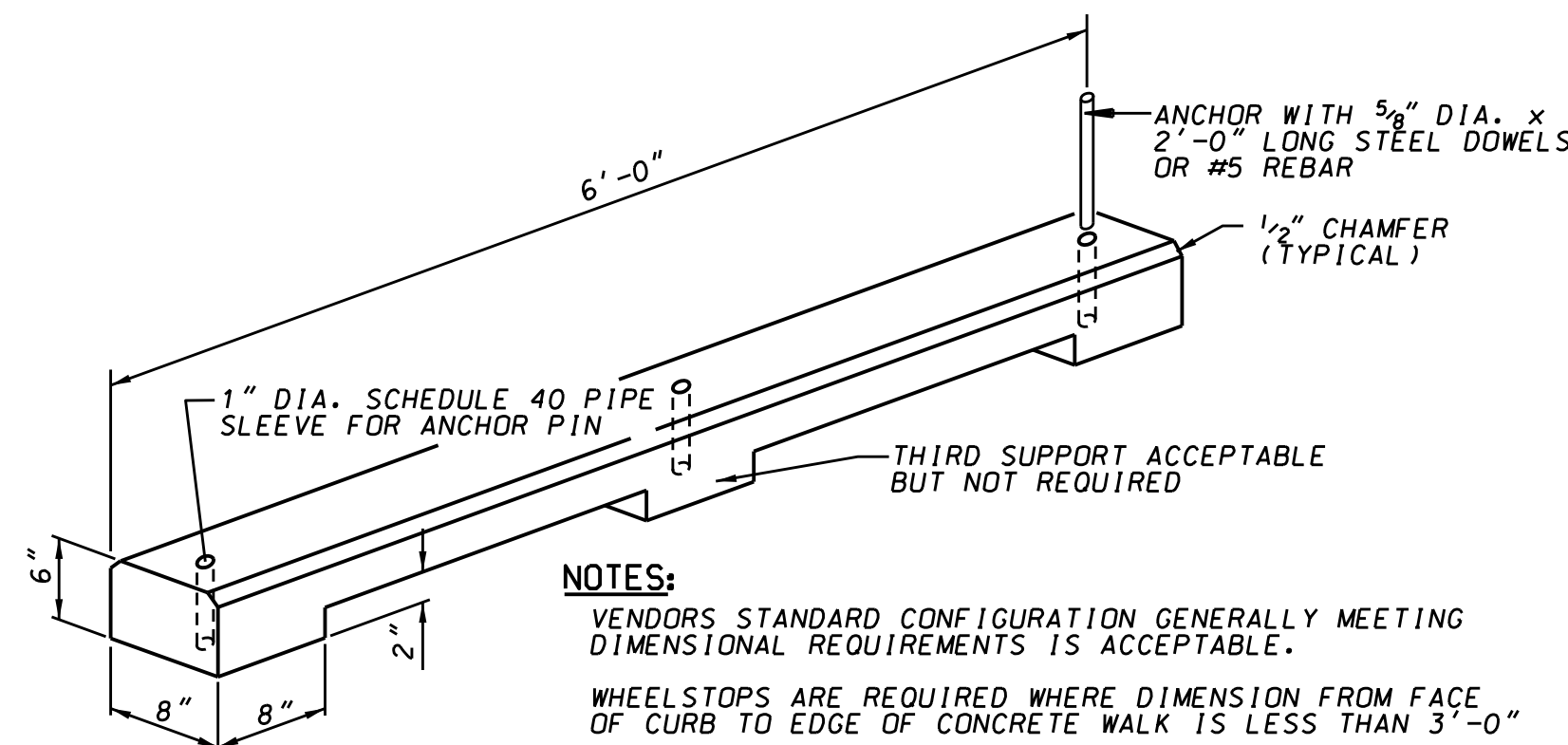


SECTION



GUARD POST (BOLLARD) 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"

CONCRETE WHEELSTOP DETAIL

NOT TO SCALE

NOTES:

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

SIGNS:

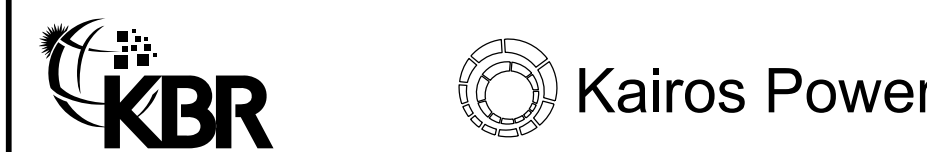
1. ALL SIGNS SHALL BE REFLECTORIZED.
2. ALL POSTS SHALL BE OF ADEQUATE LENGTH TO MEET THE REQUIREMENTS FOR ERECTION AS STATED IN THE CURRENT "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS".
3. TWO PIECE STEEL POSTS SHALL BE EMBEDDED 3'-8" MIN. ONE PIECE STEEL POST SHALL BE EMBEDDED 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.

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.

REVISION HISTORY

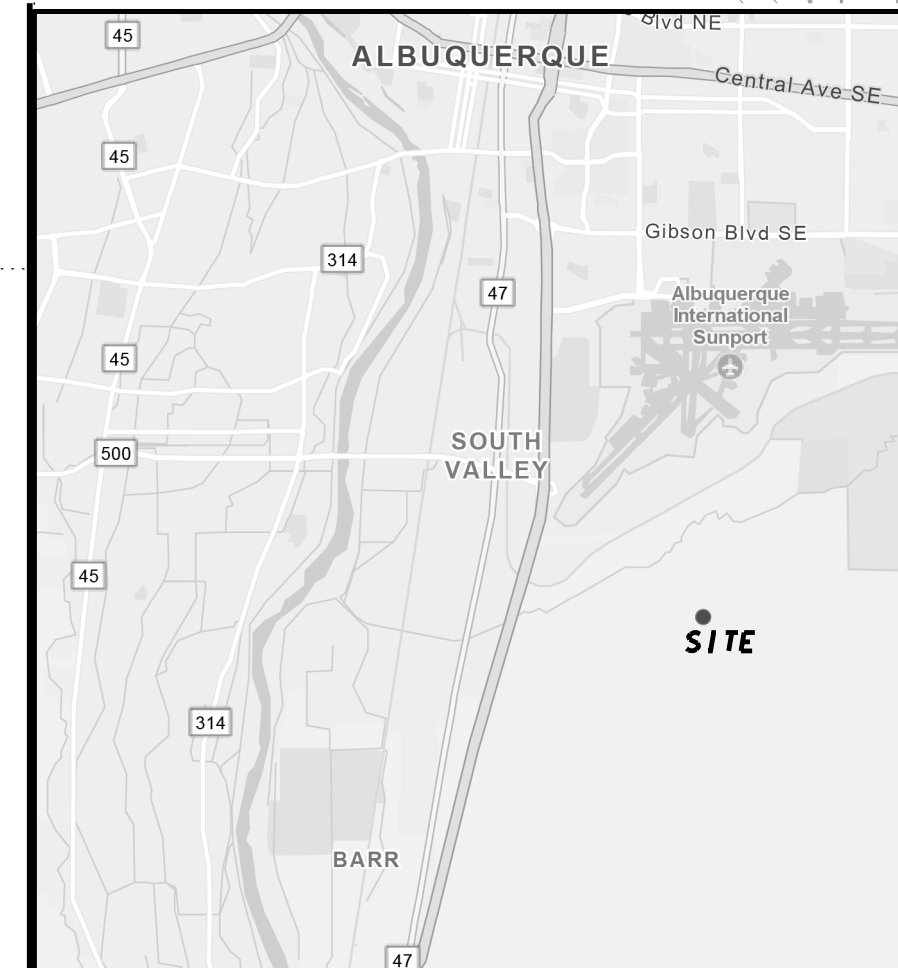
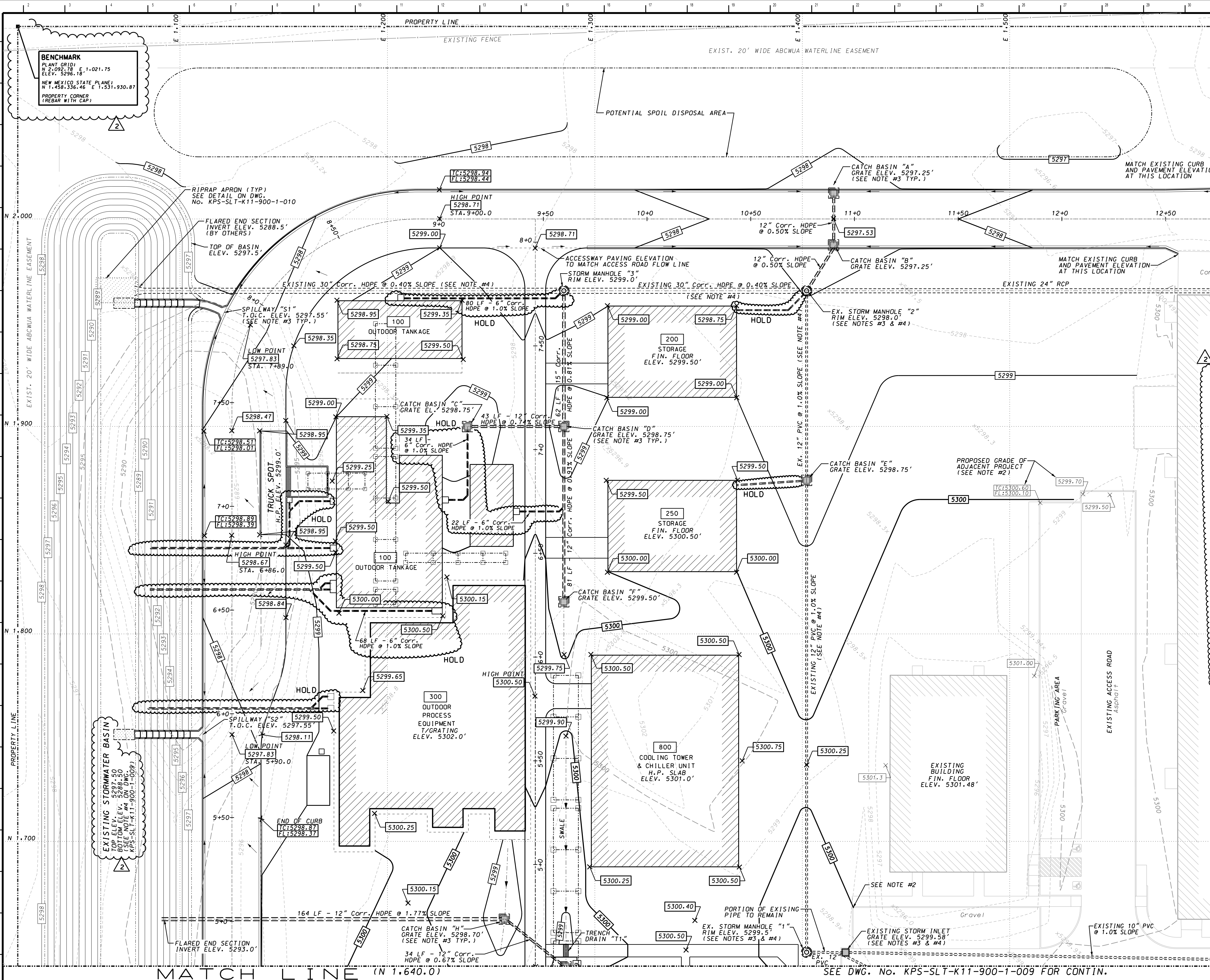
REV	DATE	DESCRIPTION	BY	CHK	APP
0	8-05-24	ISSUED FOR CONSTRUCTION	EJO	AS	ZM



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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					REV
PROJ	218356	KPS-SLT-K11-900-1-007					0



**LOCATION MAP: SCALE: 1"= 500'**

**FOR NOTES REFER TO DWG. KPS-SLT-K11-900-1-009**

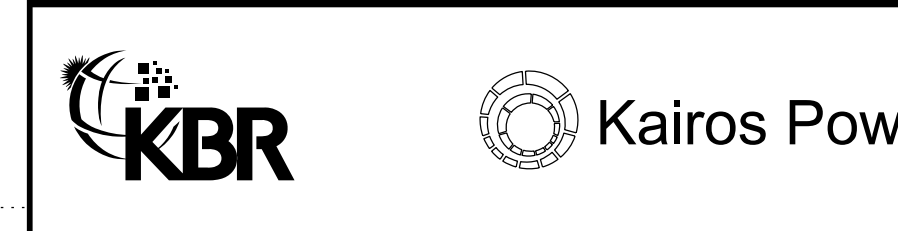
**LEGAL DESCRIPTION**  
TR D-1 PLAT OF TRACTS D-1 THRU D-7 MESA DEL SOL INNOVATIONPARK II (A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATIONPARK II) CONT 16.4161 AC & TR D-3 PLAT OF TRACTS D-1 THRU D-7 MESA DEL SOL INNOVATIONPARK II (A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATIONPARK II) CONT 12.0217 AC.

**KBR ENGINEERING COMPANY**  
601 JEFFERSON STREET  
HOUSTON, TX 77002  
NM SCC NUMBER 1570407

**ZAHEDRUDDIN A. MOHAMMEND**  
PROFESSIONAL ENGINEER - NEW MEXICO  
LICENSE NO. 28009  
EXPIRES 12/31/2025

**NEW MEXICO**  
28009  
PROFESSIONAL ENGINEER

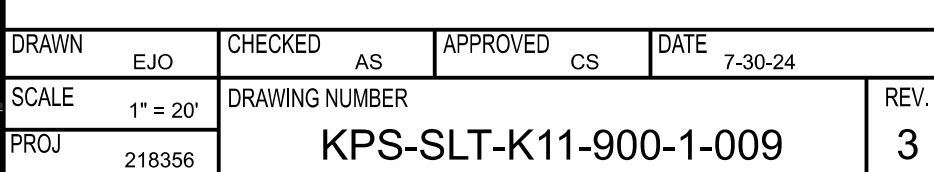
REVISION HISTORY					
REV	DATE	DESCRIPTION	BY	CHK	APP
2	02-12-25	REV. PER CITY COMMENTS DATED 02-06-25	EJO	AS	ZM
1	11-15-24	REV. GRADING/DRAINAGE AT UNIT 100 & 300	EJO	AS	ZM
0	8-05-24	ISSUED FOR CONSTRUCTION	EJO	AS	ZM



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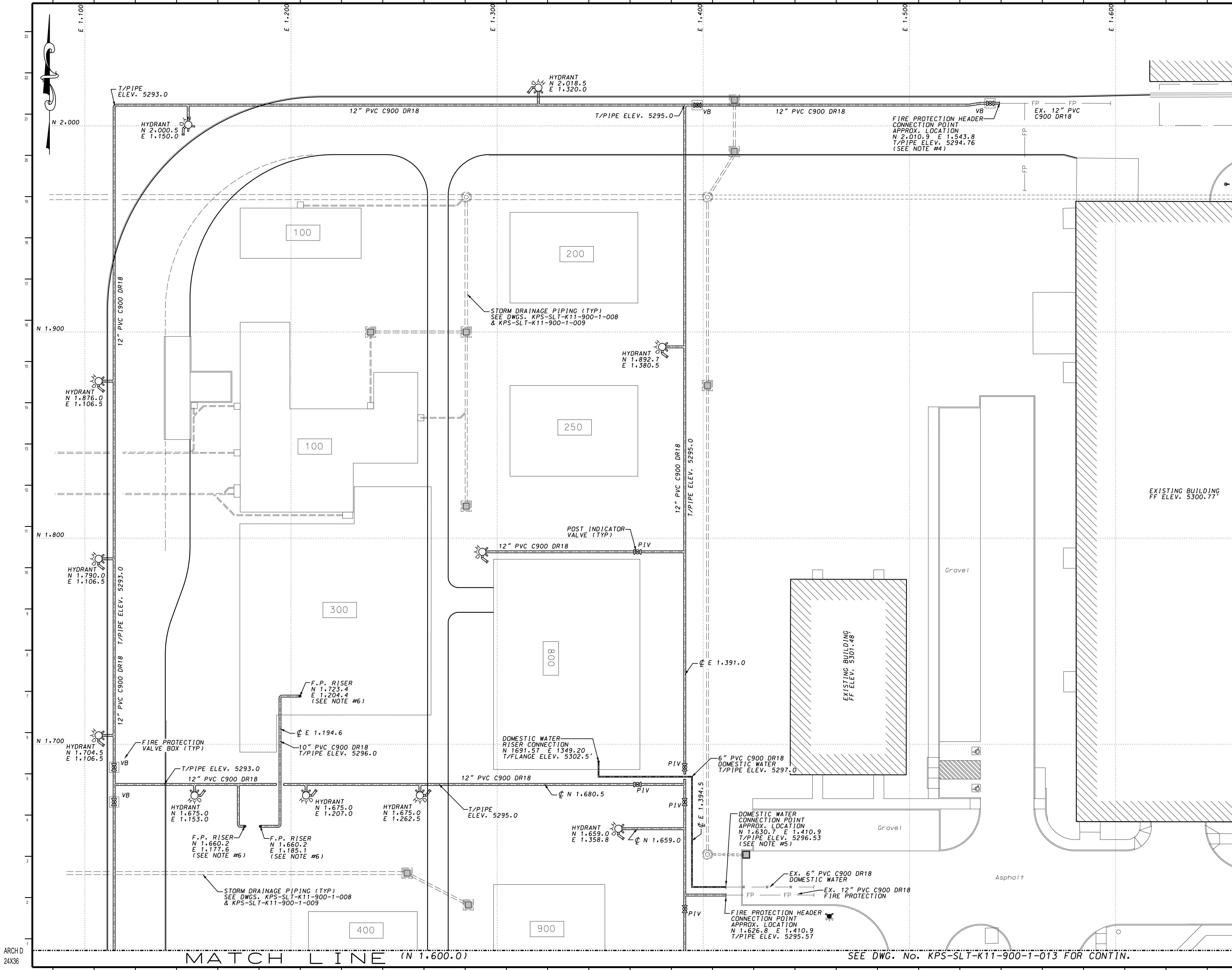
### KPSW PROJECT SAGUARO GRADING & DRAINAGE PLAN SHEET #1

DRAWN	EJO	CHECKED	AS	APPROVED	CS	DATE	7-30-24
SCALE	1"= 20'	DRAWING NUMBER	218356	PROJECT	KPS-SLT-K11-900-1-008		
REV.							2







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

MATCH LINE (N 1,600.0)

SEE DWG. No. KPS-SLT-K11-900-1-011 FOR CONTIN.

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.
8. 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

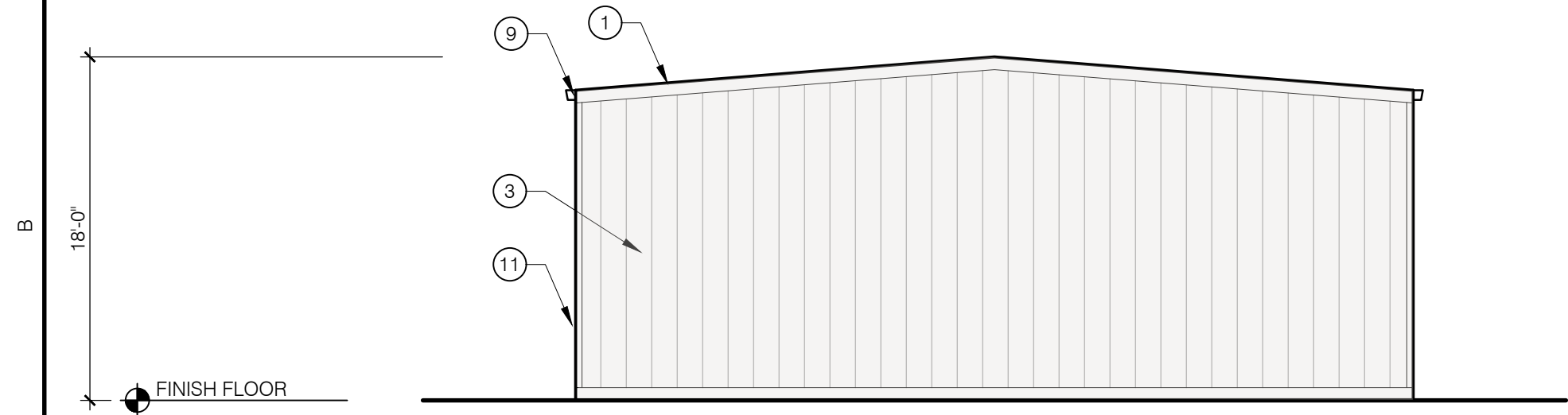


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KPSW PROJECT SAGUARO  
UNDERGROUND UTILITY PLAN  
SHEET #2

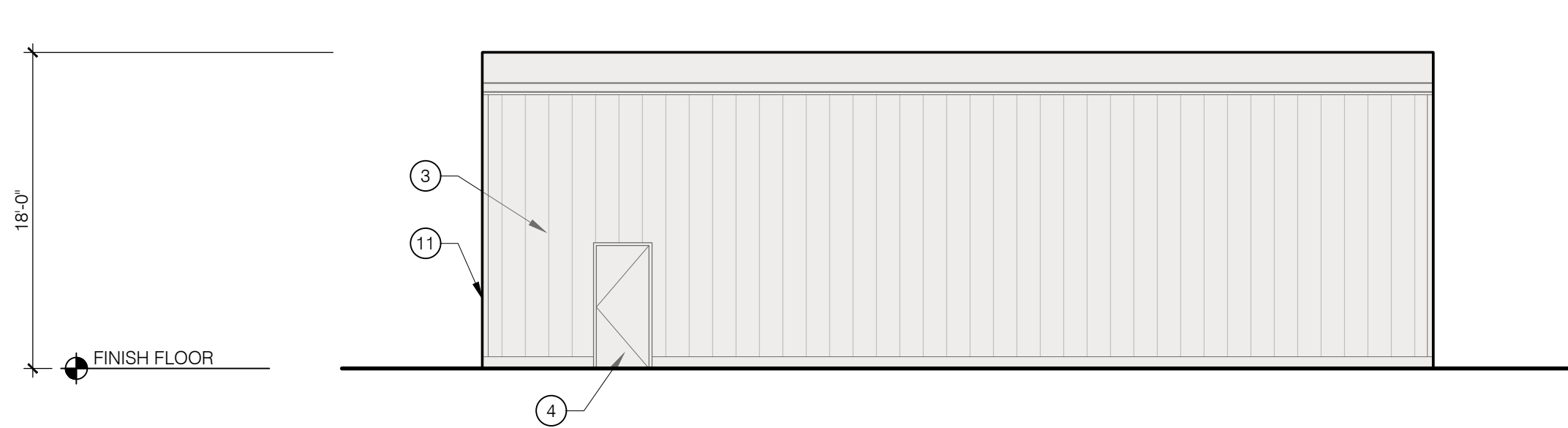
DRAWN	EJO	CHECKED	AS	APPROVED	CS	DATE	7-30-24
SCALE	1" = 20'	DRAWING NUMBER	218356	PROJECT	KPS-SLT-K11-900-1-013	REV.	0





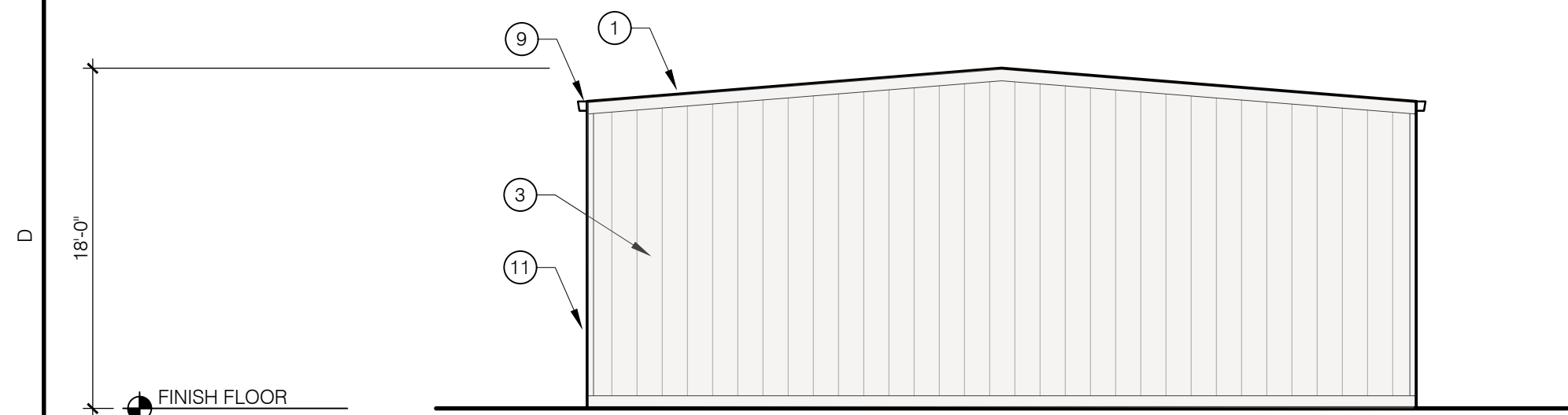
B1 WEST ELEVATION

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



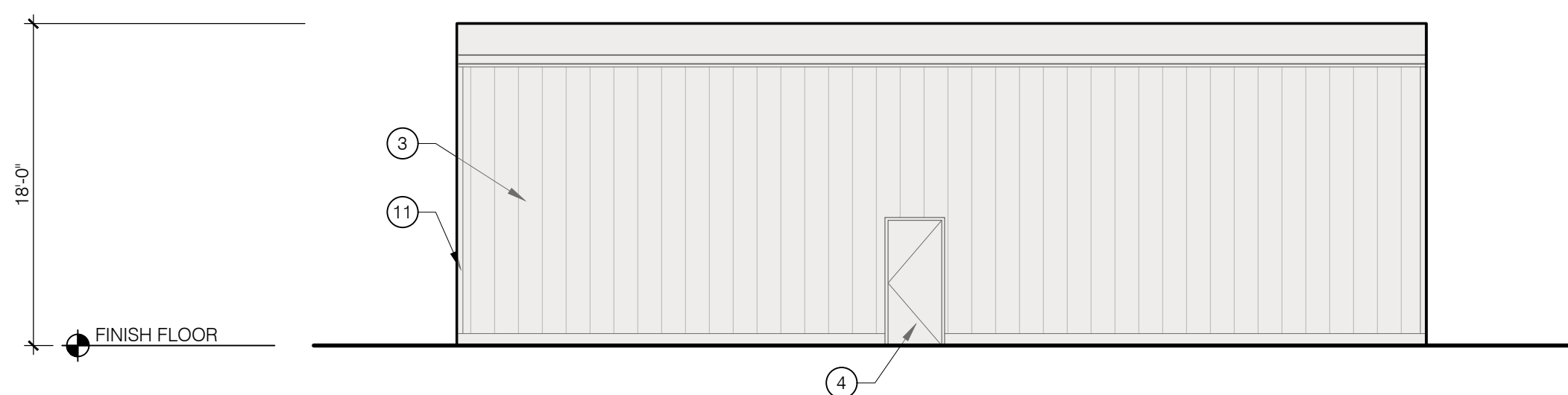
B3 NORTH ELEVATION

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

 FINISH FLOOR

D1 EAST ELEVATION

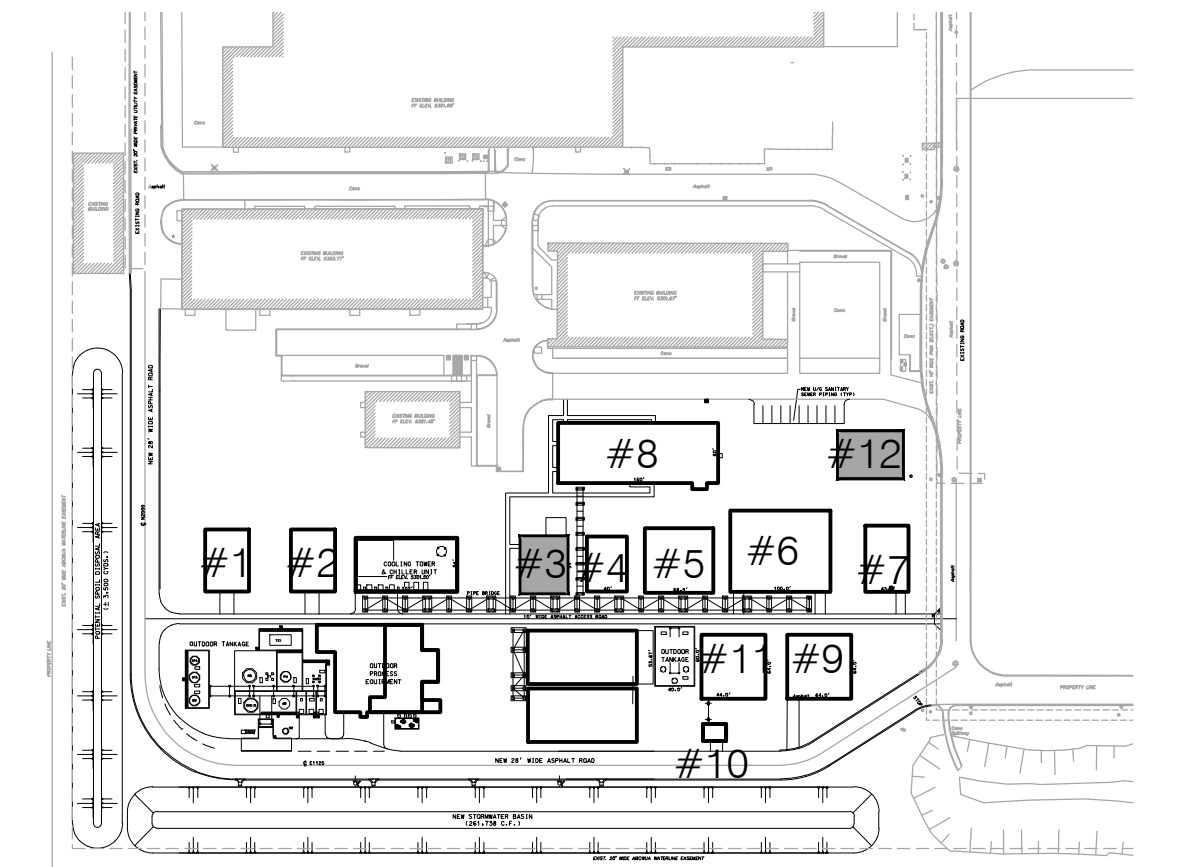
SCALE: 1/8" = 1'-0"

 FINISH FLOOR

D3 SOUTH ELEVATION

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

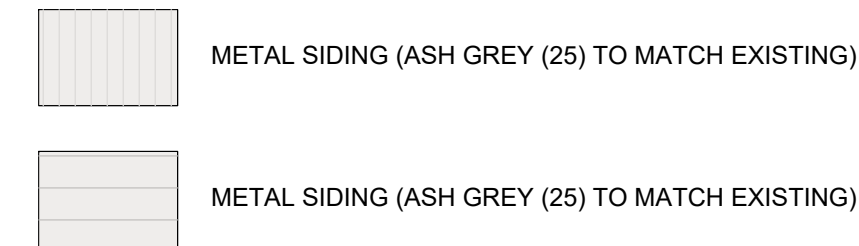
### SITE PLAN KEY



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                                           |     |                             |
| 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:



# LAND USE REVIEW

EXTERIOR ELEVATIONS  
BUILDING 3 & 12

PROJECT NO.: 8000-22

DRAWN BY:

DATE: SEPTEMBER 17, 2024

A-501

KAIRO'S POWER FACILITY  
SALT PLANT EXPANSION

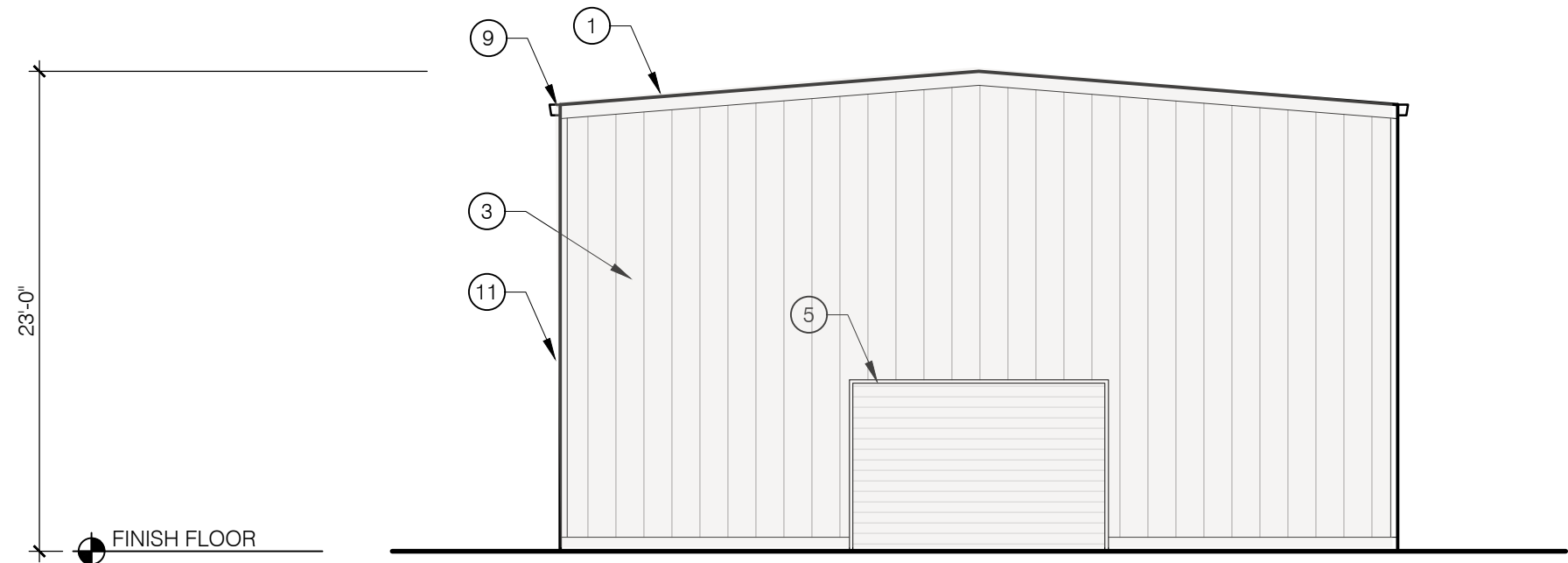
5201 HAWKING DRIVE SE, ALBUQUERQUE, NM 87106

A

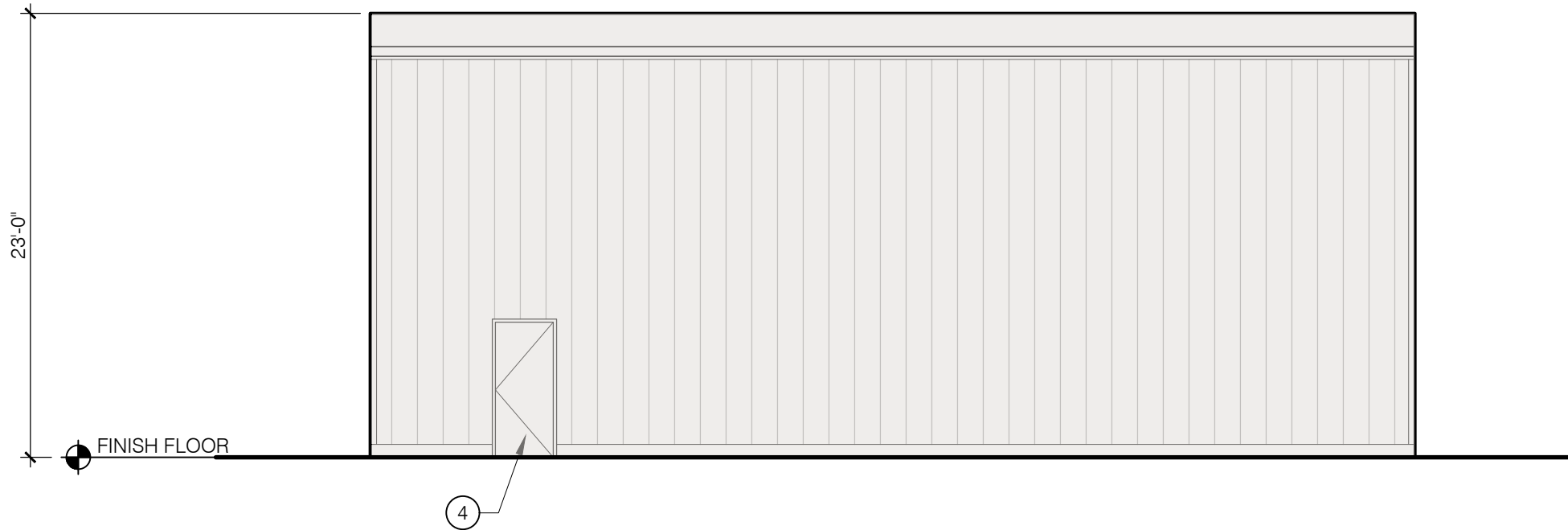
B

C

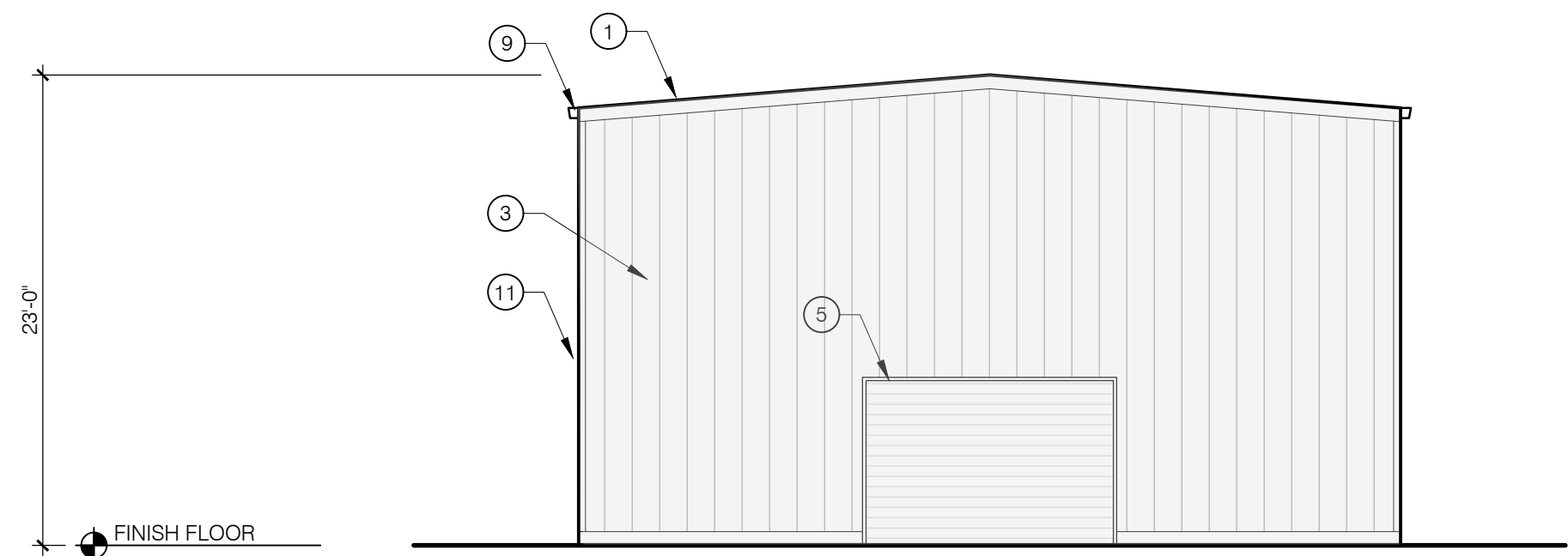
D



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



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

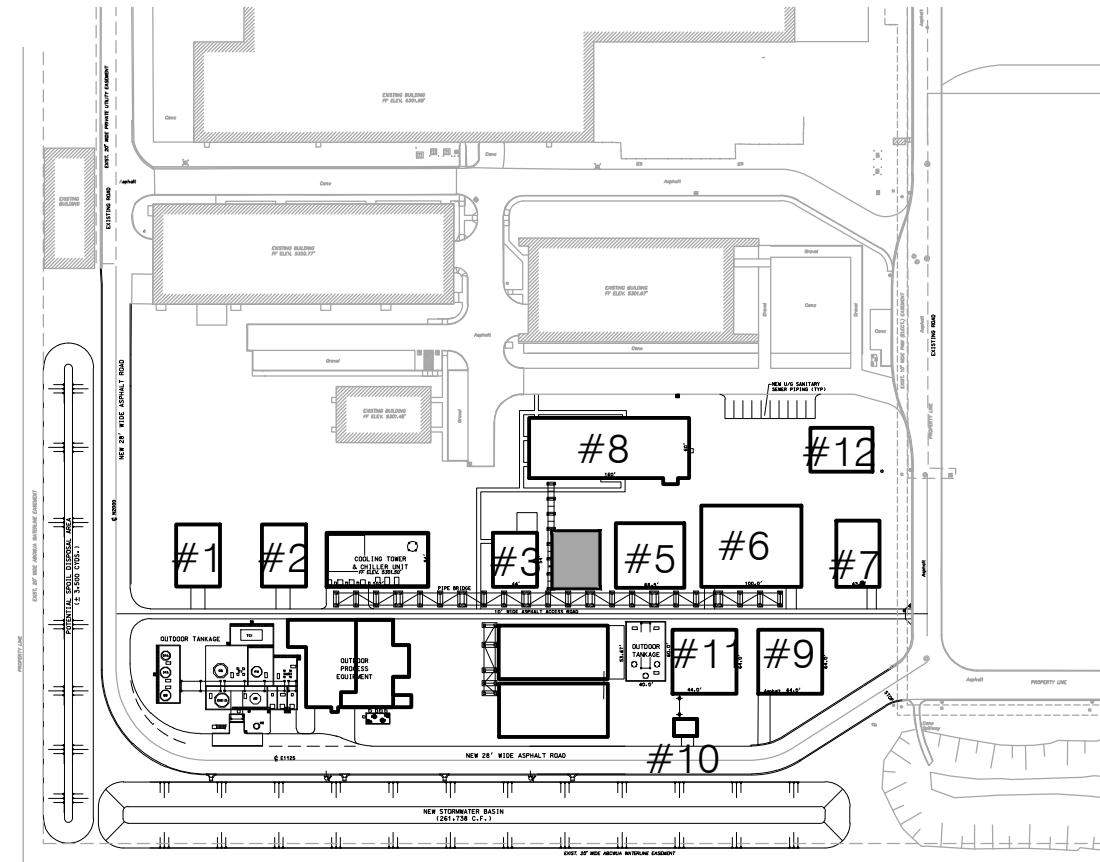


D1 EAST ELEVATION  
A-502 SCALE: 1/8" = 1'-0"



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

KAIROIS POWER FACILITY  
SALT PLANT EXPANSION

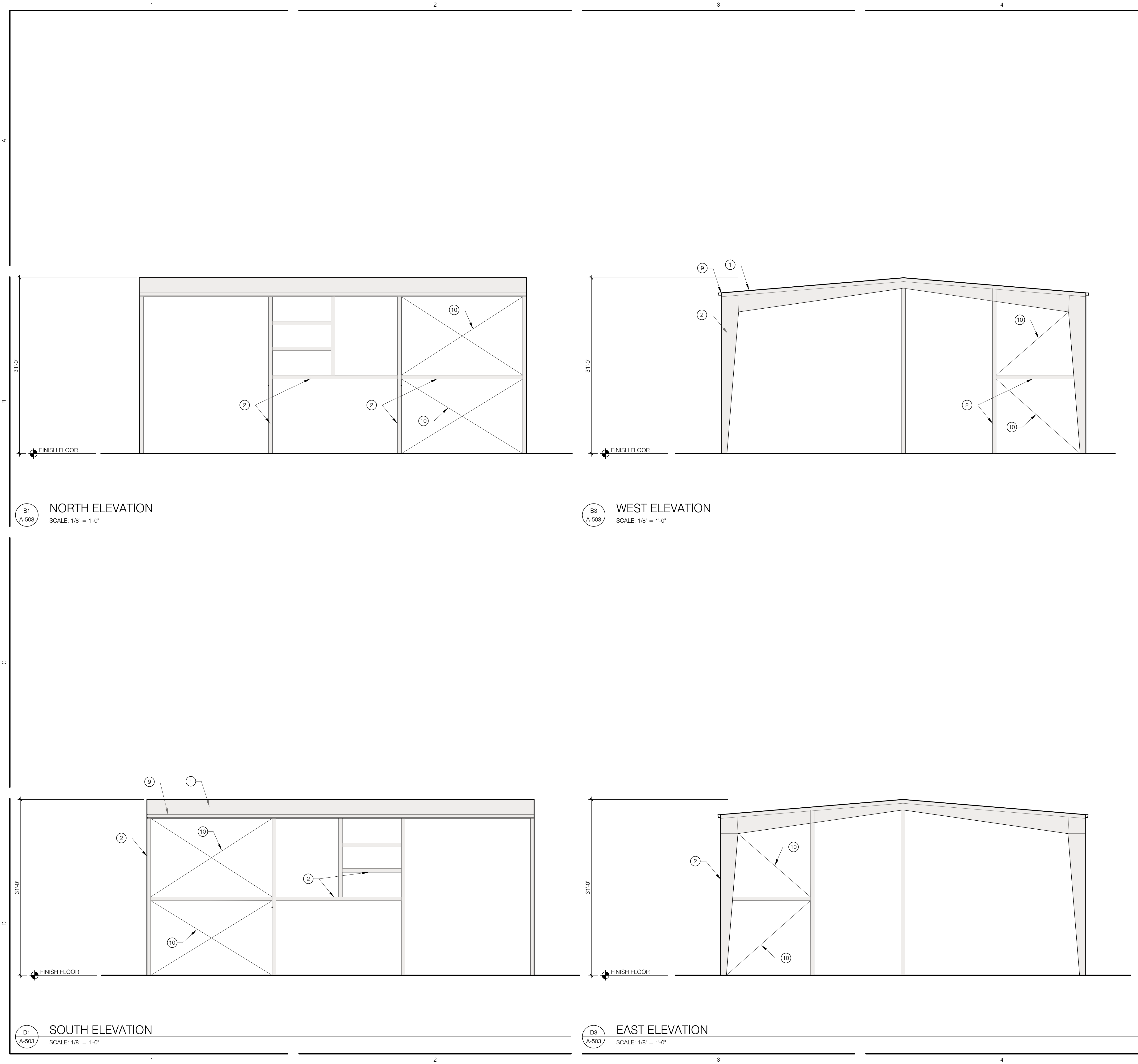
NOT FOR CONSTRUCTION

5201 HAWKING DRIVE SE, ALBUQUERQUE, NM 87106  
TR D-1-A, MESA DEL SOL INNOVATIONPARK II (A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATIONPARK II)

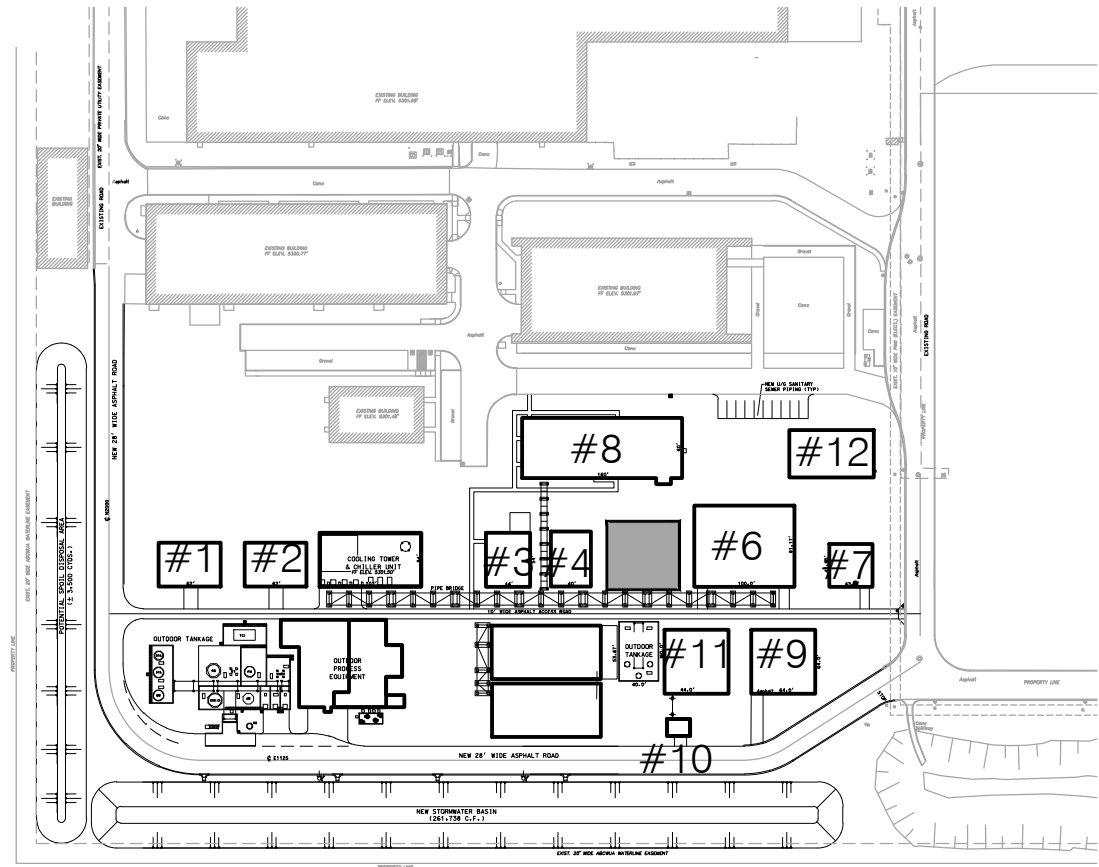
EXTERIOR ELEVATIONS  
BUILDING 4

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

A-502



SITE PLAN KEY



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)

NOT FOR  
CONSTRUCTION

KAIROIS POWER FACILITY  
SALT PLANT EXPANSION  
NOT FOR CONSTRUCTION

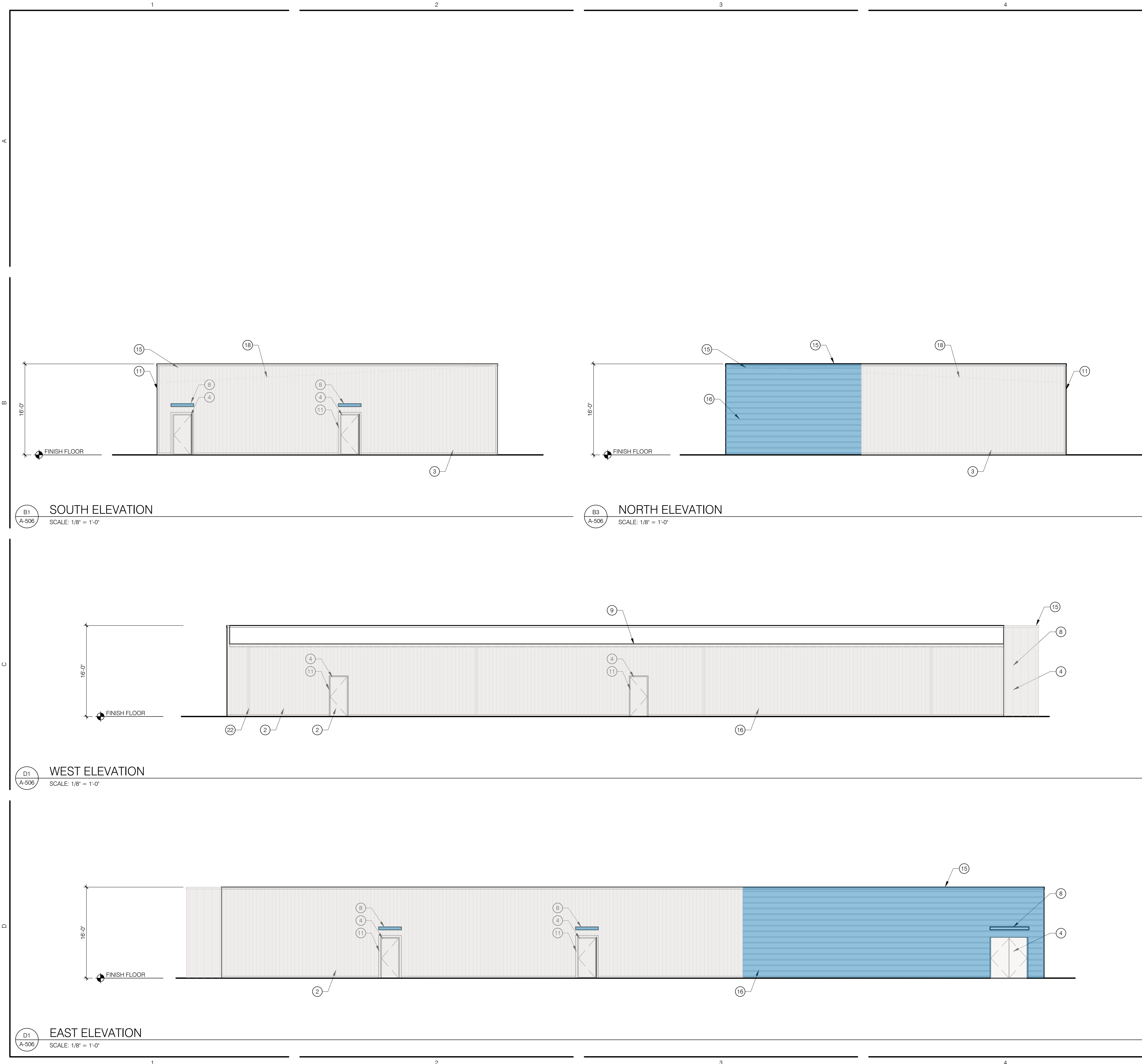
EXTERIOR ELEVATIONS  
BUILDING 5

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

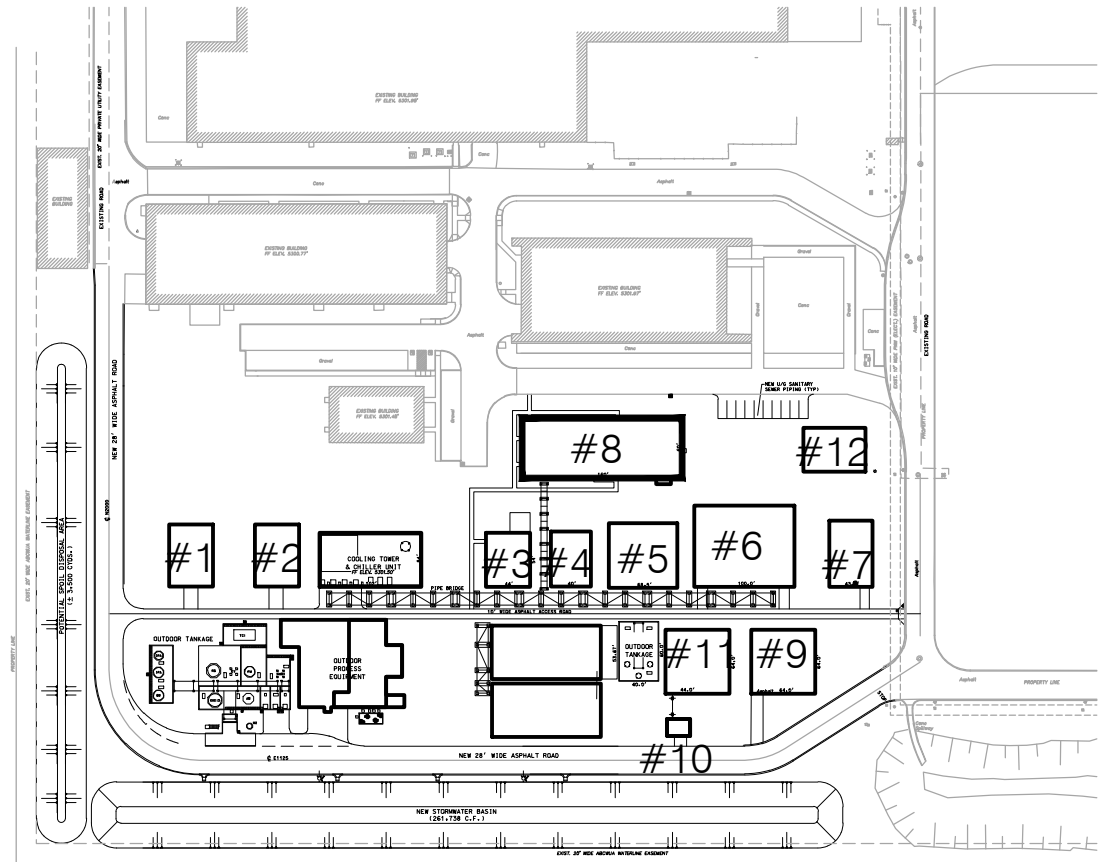
A-503







SITE PLAN KEY



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
22. DOWNSPOUT, TYP

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

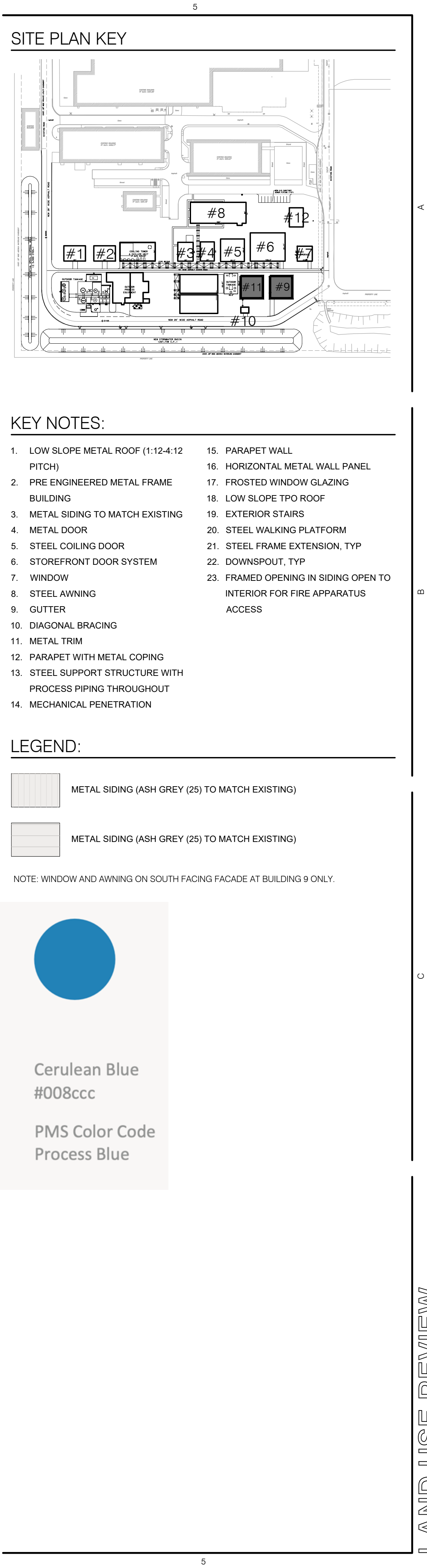
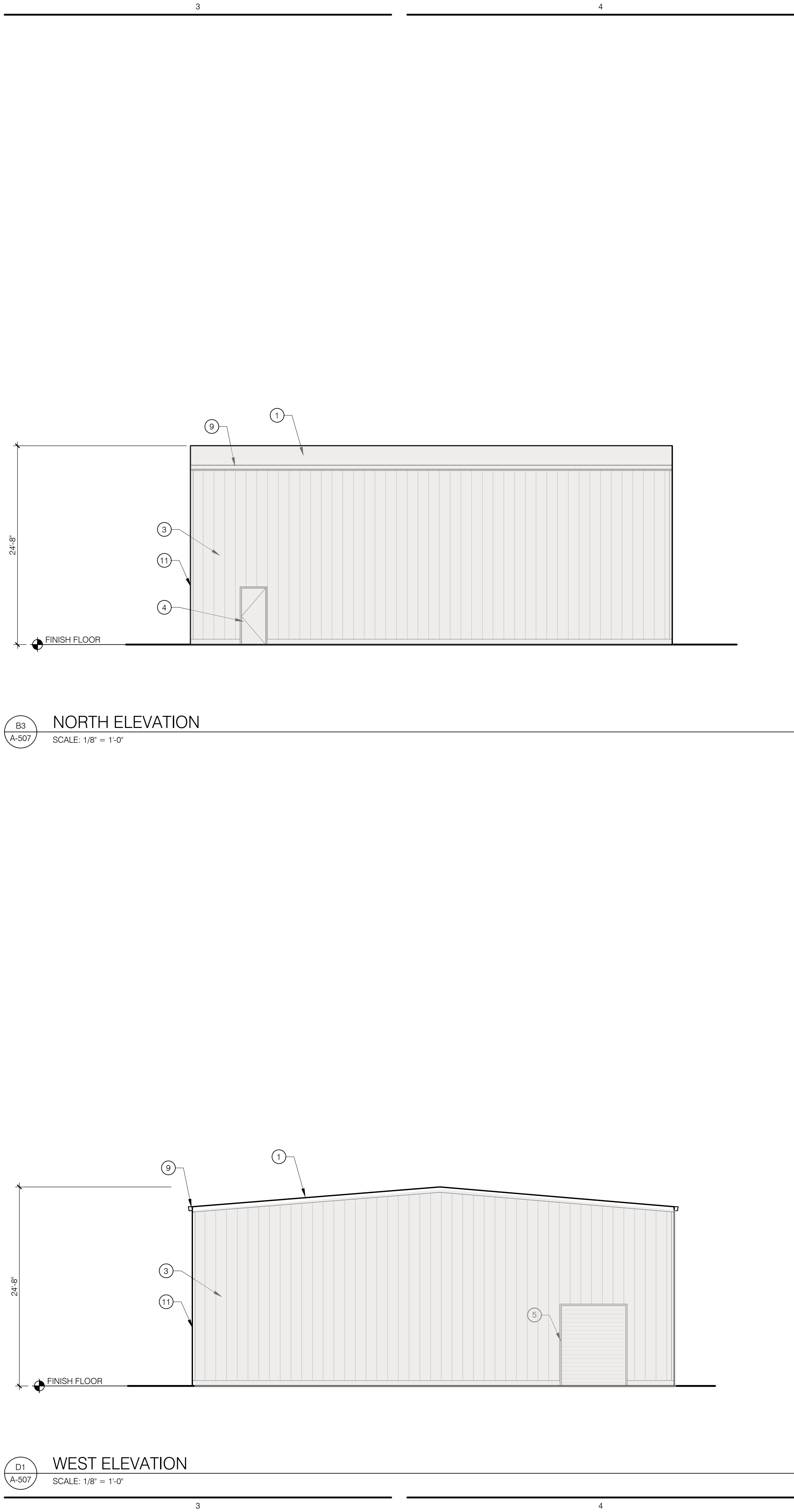
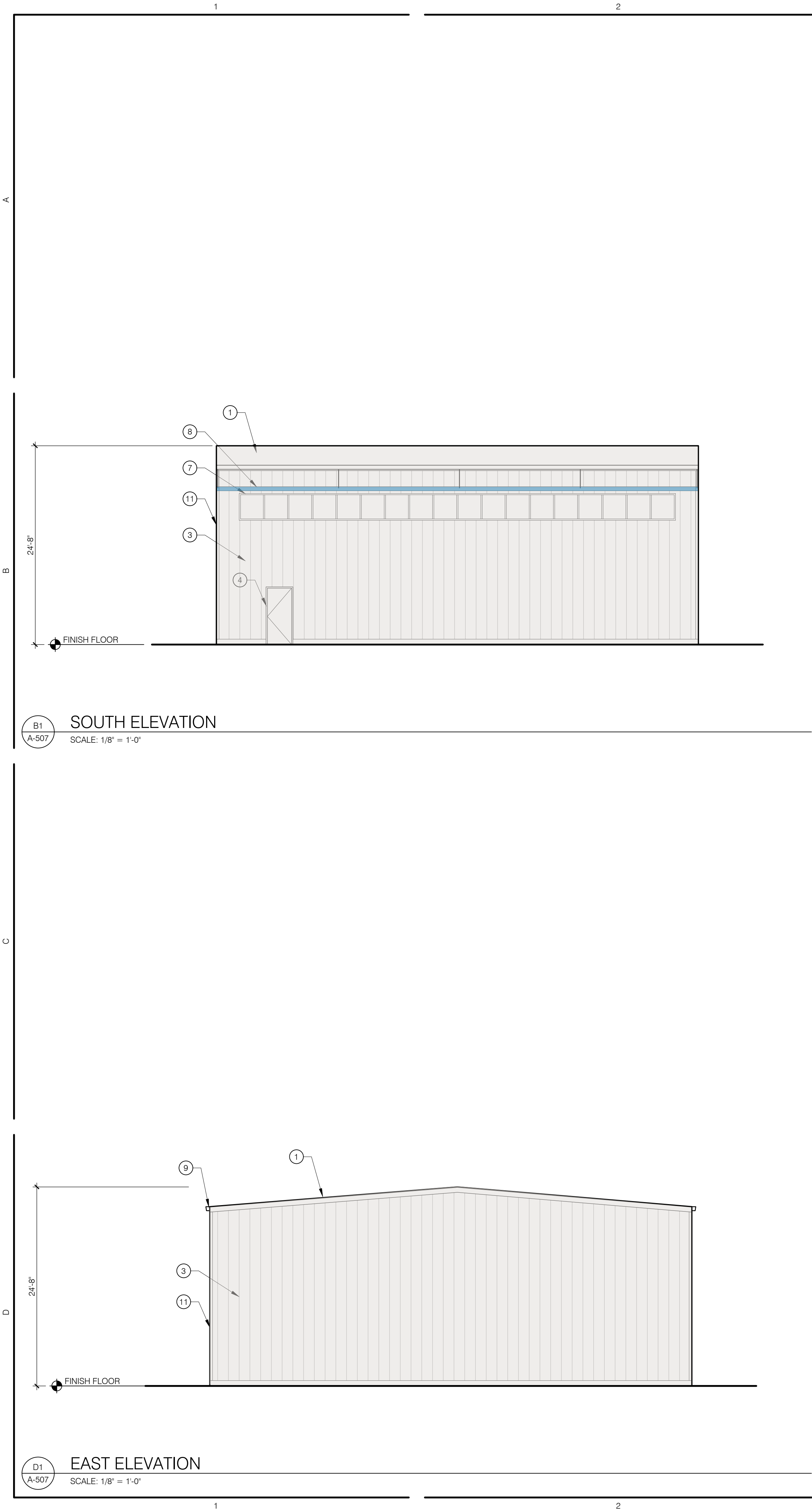
KAIROIS POWER FACILITY  
SALT PLANT EXPANSION

NOT FOR CONSTRUCTION

EXTERIOR ELEVATIONS  
BUILDING 8

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

A-506



Greenbox Architecture

Kairos Power

NOT FOR CONSTRUCTION

KAIROIS POWER FACILITY  
SALT PLANT EXPANSION

NOT FOR CONSTRUCTION

5201 HAWKING DRIVE SE, ALBUQUERQUE, NM 87106  
TR D-1-A, MESA DEL SOL INNOVATIONPARK II (A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATIONPARK II)

EXTERIOR ELEVATIONS  
BUILDING 9 & 11

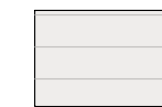
PROJECT NO.: 8003-22  
DRAWN BY:  
DATE: JANUARY 3, 2025

A-507

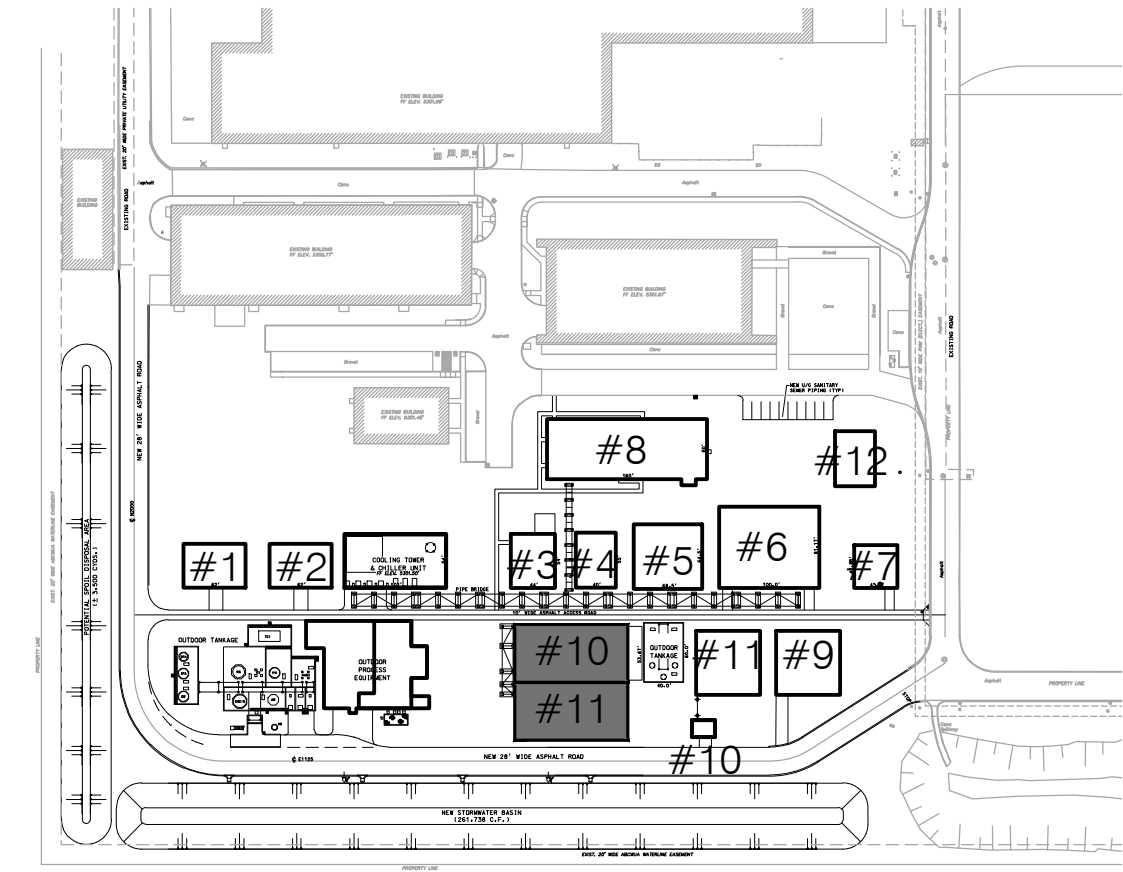
KEY NOTES:

- |     |                                                        |     |                             |
|-----|--------------------------------------------------------|-----|-----------------------------|
| 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:



### SITE PLAN KEY



NOT FOR  
CONSTRUCTION

# KAIRO'S POWER FACILITY SALT PLANT EXPANSION

5201 HAWKING DRIVE SE, ALBUQUERQUE, NM 87106  
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

# LAND USE REVIEW

A



10'-0" TYP

FINISH FLOOR

10, 13, 19, 21

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

104'-0"

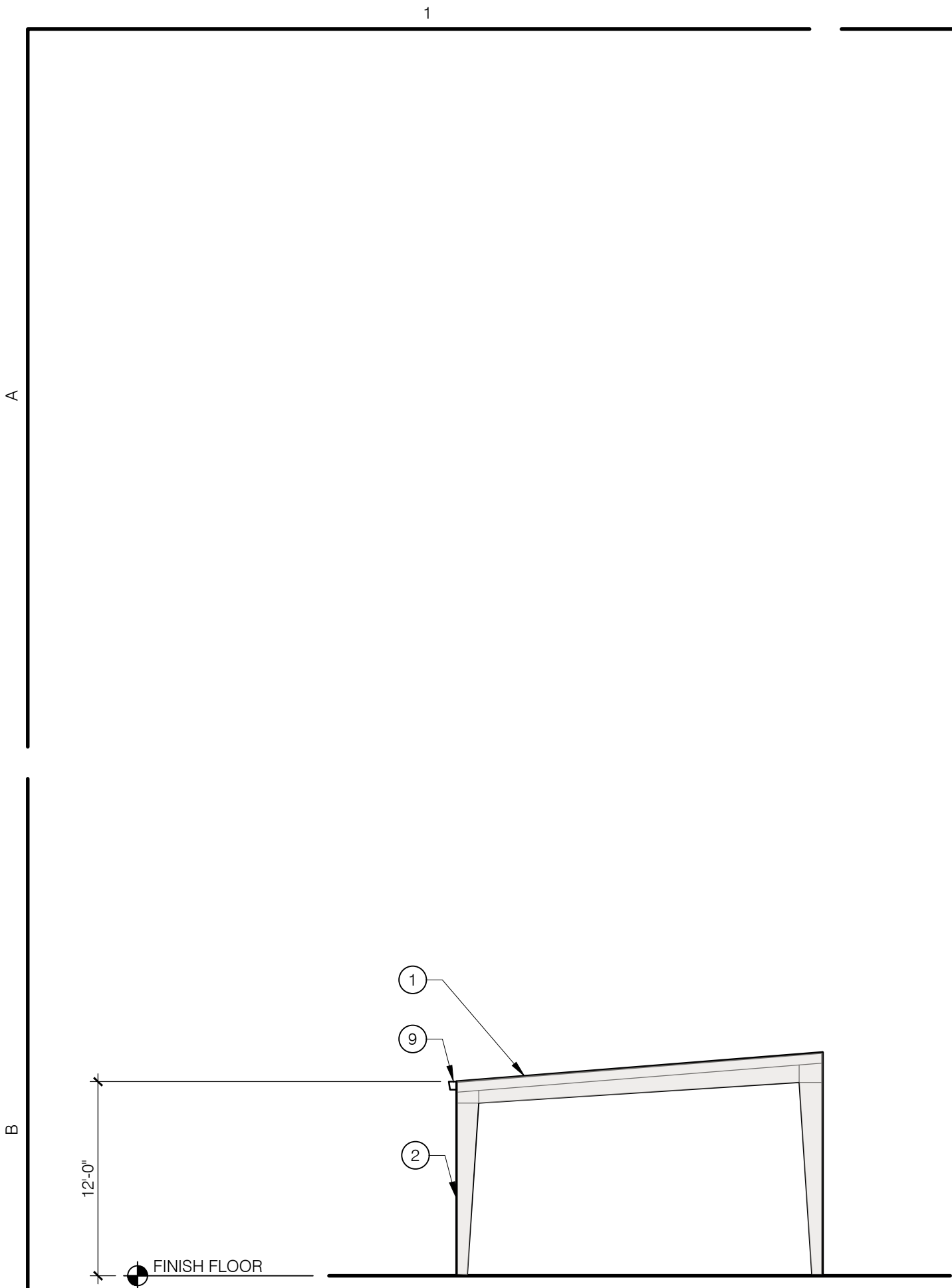
10'-0" TYP

PMS Color  
Process Blue

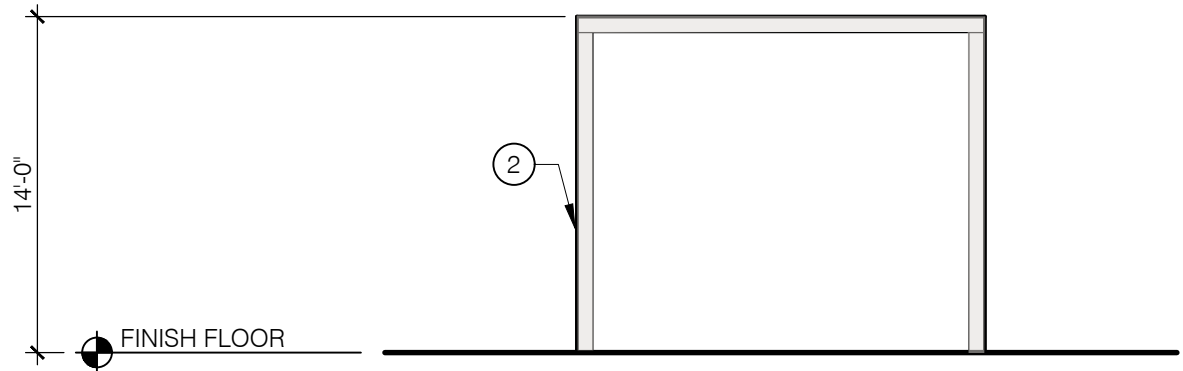
10, 13, 19, 20, 21

FINISH FLOOR

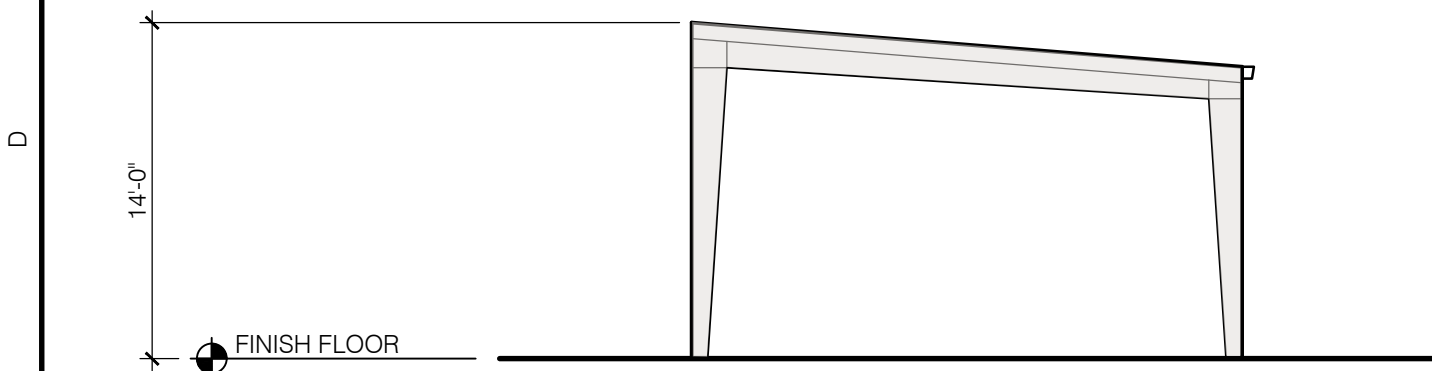
D1 NORTH ELEVATION (SOUTH MIRRIORED)  
A-508 SCALE: 1/8" = 1'-0"



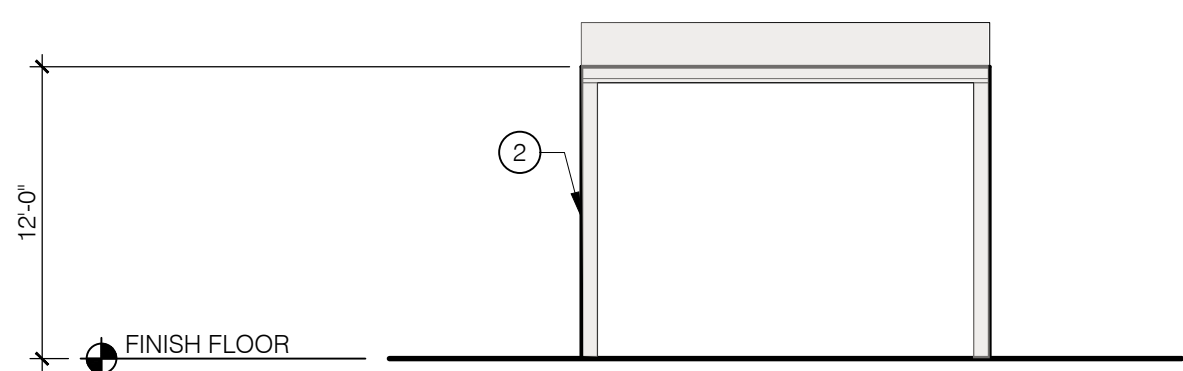
B1  
A-509  
SOUTH ELEVATION  
SCALE: 1/8" = 1'-0"



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

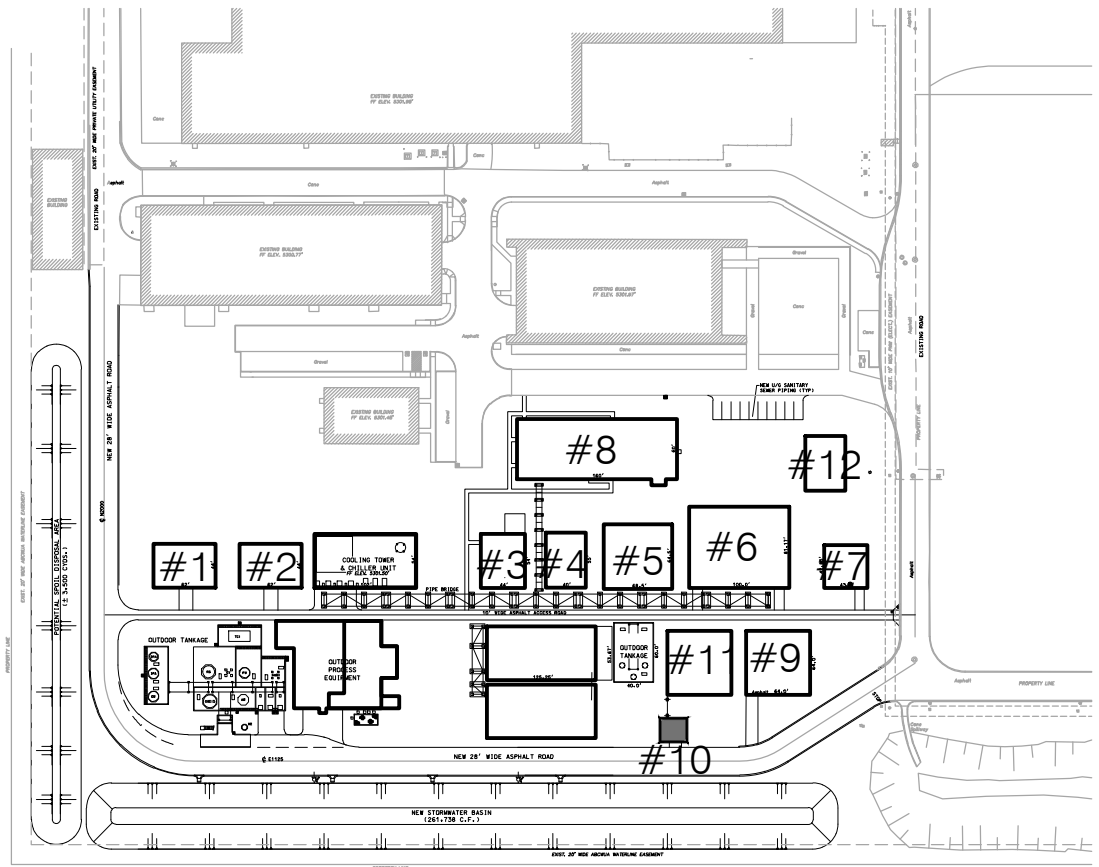


D1  
A-509  
NORTH ELEVATION  
SCALE: 1/8" = 1'-0"



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

## SITE PLAN KEY



## 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)

NOT FOR  
CONSTRUCTION

KAIROIS POWER FACILITY  
SALT PLANT EXPANSION

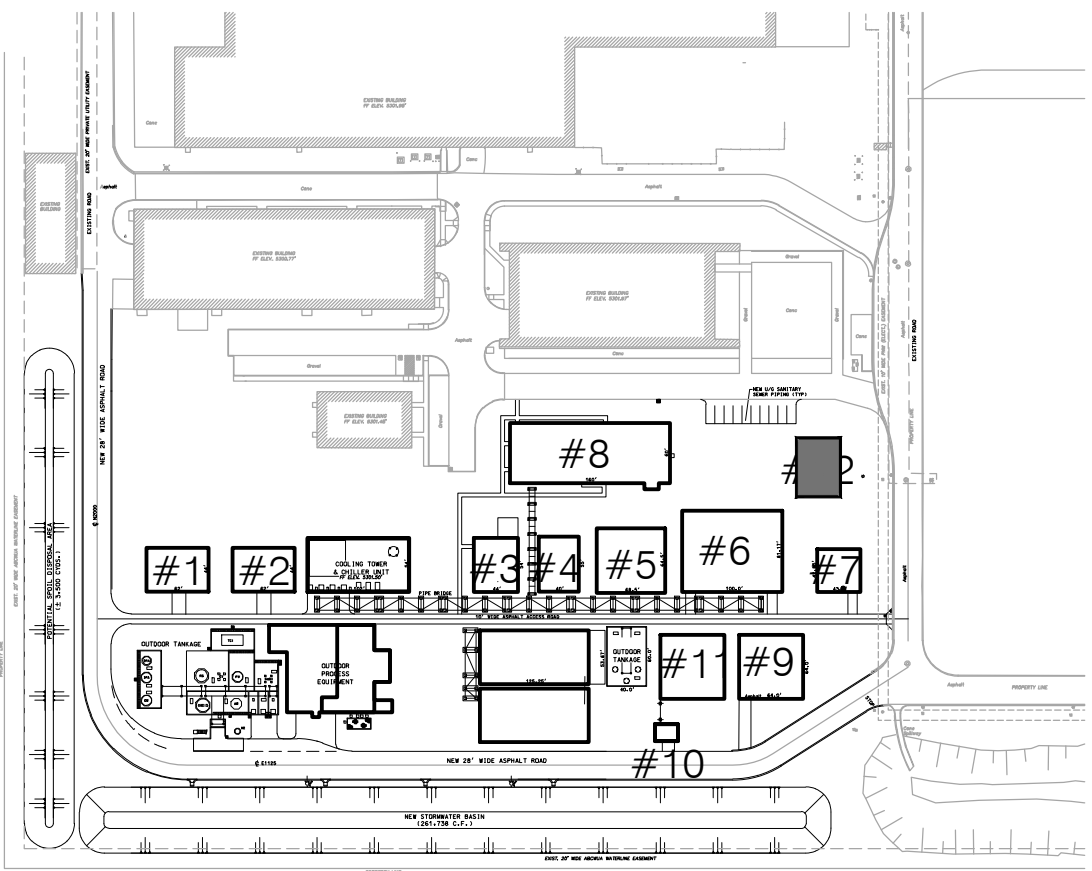
NOT FOR CONSTRUCTION

5201 HAWKING DRIVE SE, ALBUQUERQUE, NM 87106  
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



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)

SOUTH ELEVATION

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

## WEST ELEVATION

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

## NORTH ELEVATION

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

SOUTH ELEVATION

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

SOUTH ELEVATION ALONG ENTIRE PROPERTY

SCALE: 1" = 50'

NOT FOR  
CONSTRUCTION

# KAIROS POWER FACILITY SALT PLANT EXPANSION

5201 HAWKING DRIVE SE, ALBUQUERQUE, NM 87106  
TR D-1-A MESA DEL SOL INNOVATIONPARK II (A SUBDIVISION OF TRACT D MESA DEL SOL INNOVATIONPARK II

# EXTERIOR ELEVATIONS

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## BUILDING 12

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

A-510