



 \bigcirc

LEGEND				
SYMBOL	DESCRIPTION			
	PROPERTY LINE			
	EXISTING EASEMENT			
AC AC	UNDERGROUND AC			
X	PERIMETER WALL (DESIGN BY OTHERS)			
oo	SUBSTATION FENCE			
	LIMIT OF DISTURBANCE			
	AUGMENTATION GROUP 1			
	AUGMENTATION GROUP 2			
	AUGMENTATION GROUP 3			
	AUGMENTATION GROUP 4			
	AUGMENTATION GROUP 5			
	POWER CONTROLLER			
о ^{V,} МН, СВ	EX STRUCTURES			
\bigcirc	EX TREES/VEGETATIONS			
	EX MINOR CONTOUR			
	EX MAJOR CONTOUR			
	STORM DRAIN MAIN AND STRUCTURE			
	PROPOSED CONCRETE			
	PROPOSED GRAVEL ROADWAY			
	PROPOSED DRAINAGE SWALE			
	PROPOSED STORMWATER BASIN			
	EX WELL			
	DETECTABLE WARNING			





dk JOB NO: 24-1013

			AGENCY
			AGE
			÷
SEMENT DETAILS	S OF ADJACENT P	ROPERTIES	
			DESCRIPTION
			DESCH
			DATE
			FEY BA
			ST SH MEXIC TY
			P (29498) C
			PRO 29498
			SSIONAL ENG
			ico ico
			NY OF NEW MEXICO 90% DESIGN SET 90% DESIGN SET NDITIONS 2-512-2-06-67 NEV
			N (S
			N = 1 S = 0 S
			CE COMPANY OF NE SE COMPANY OF NE S SITE - 90% DE STING CONDITIONS STRUCTION DOCUMENTS 1-021-055-162-512-2-06-67
	LE	EGEND	90%
	SYMBOL	DESCRIPTION	
		PROPERTY LINE EXISTING EASEMENT	
	V, MH, CB	EX STRUCTURES	
\sim $ $	 	EX TREES/VEGETATIONS	ERVICE COMP/ BESS SITE - EXISTING CO CONSTRUCTION APN 1-021-055-16
		EX MINOR CONTOUR	
		EX MAJOR CONTOUR EX FIRE HYDRANT	PUBLIC SE SANDIA
		EX WELL	
	SS	EX SEWER MAIN LINE	PUBLIC S SANDIA
	SD	EX STORM DRAIN MAIN LINE EX WATER MAIN LINE	
V	T	EX COMMUNICATIONS LINE	
ŏ	–	EX SIGN	
	TOPO PREPARED BY: LW SURVEY CO		
10 .41	<u>GRADING NARRATIVE:</u> THE EXISTING SITE IS UNDEVELOPED AN		
.41 [HRU 5486.38	5489 TO 5495. THE ADJACENT PROPER BUILDINGS TO THE WEST AND SOUTH A	ND ROADWAYS. INNOVATION	
	PARKWAY TO THE EAST SLOPES TOWAR INNOVATION PARKWAY AND GIBSON BLV	D. GIBSON BLVD TO THE NORTH	
	SLOPES TOWARDS THE WEST. THE PROF WITH A 2:1 MAX SLOPE FROM EXISTING	GROUND UP TO ELEVATION	<u>%</u> ≥
	5496-5499 TO PROTECT THE PROPOSE	D INFRASTRUCTURE.	ANNING PHONE: (925) 932-6868 DKENGIN.COM
EX SDCB 1 VINV OUT 5489.79 (NW)>			ANNING DKENGIN.CC









LANDSCAPE LEGEND

QTY.

59

TOTAL TREES:

TREES

SIZE	COMMON/BOTANICAL NAME	DIMS	WATER USE
	Existing Tree to Remain		
2" CAL	<mark>Modesto Ash</mark> Fraxinus velutina	4Ø'x35'	Μ
2" CAL	Gold Rain Tree Koelreuteria paniculata	25'x25'	Μ
2" CAL	Flowering Pear Pyrus calleryana	35'x25'	Μ
2" CAL	Cockspur Hawthorn Crataegus persimilis	25'x25'	Μ

SHRUBS & GROUNDCOVERS

	QTY.	SIZE	COMMON/BOTANICAL NAME	DIMS	WATER USE
2°10 2°10	22	5 Gal	India hawthorne Raphiolepis indica	3'x4'	Μ
۵	5	5 Gal	Gro-Low Sumac Rhus aromatica 'Gro–Low'	3'x8'	Μ
The	23	5 Gal	Yellow Bird of Paradixe Caesalpinia gillesii	8'x10'	RW
\odot	٦	5 Gal	Blue Mist Caryopteris x clandonensis	3'x5'	Μ
(9	5 Gal	Lil ac Syringa vulgaris	8'x8'	Μ
	60	5 Gal	Buffalo Juniper Juniperus tamariscifolia 'Buffalo	, l'xl2'	Μ
\odot	4Ø	5 Gal	Apache Plume Fallugia paradoxa	6'x5'	L
\odot	4Ø	5 Gal	Chamisa Chrysothamnus nauseosus	5'x5'	L
*	15	5 Gal	Red Yucca Hesperaloe parviflora	3'x3'	RW
TOTAL SHRUBS:	221				

Gravel and Other Landscape Covers

8	Boulders Bury 1/3, Moss Rock or Equal, To be placed at contractor discretion
61870	Santa Fe Brown Landscape Gravel/Filter Fabric <i>3/4" Crushed - 3" Depth</i>
2546	Oversize Landscape Gravel / Filter Fabric 2-4" Mountain Rose
64416.00	

cape Gravel / Filter 25C

59748*.00*

LANDSCAPE CALCULATIONS

TOTAL LOT AREA
TOTAL FENCED STORAGE AREA (SF)
TOTAL NET LOT AREA (SF)
LANDSCAPE REQUIREMENT
TOTAL LANDSCAPE REQUIRED

TOTAL

LANDSCAPING:

TOTAL ON-SITE

LANDSCAPING:

TOTAL ON-SITE LANDSCAPE PROVIDED (SF) TOTAL VEGETATIVE COVERAGE REQUIRED (SF) TOTAL VEGETATIVE COVERAGE PROVIDED (SF) TOTAL GROUND VEGETATIVE COVERAGE REQUIRED (SF) TOTAL GROUND VEGETATIVE COVERAGE PROVIDED (SF)

233481.6 165092.4 68389.20 15% 10258

> 59748*.00* 44811 69897.86 112Ø3

11380.42



(A)





IRRIGATION LEGEND

	COMPONENT	M
P	POINT OF CONNECTION, PROVIDED BY OTHERS	S
C	IRRIGATION CONTROLLER	H
X	REDUCED PRESSURE ASSEMBLY	F
\oplus	MASTERVALVE ASSEMBLY	H
*****	MAINLINE	S
•	ELECTRIC ZONE VALVE	R
		С
	Drip Line, Tree Netafim Rings	С
\sim	Drip Line, Shrub Drip Emitter Line	P
Q	Tree Netafim Rings	No

Size Equipment as Required for Flow Rate

IRRIGATION NOTES

- CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, 1. EQUIPMENT QUANTITIES, AND UTILITY LOCATIONS PRIOR TO BEGINNING WORK.
- CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IN PLANS OR SPECIFICATIONS PRIOR TO BEGINNING OR CONTINUING WORK.
- 3. THE IRRIGATION CONTRACTOR SHALL MAKE NO SUBSTITUTIONS, DELETIONS, OR ADDITIONS TO THIS PLAN WITHOUT APPROVAL OF THE LANDSCAPE ARCHITECT.
- 4. ALL CONSTRUCTION SHALL CONFORM TO CITY, COUNTY, STATE, AND FEDERAL REQUIREMENTS. IT SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO ENSURE THAT ALL IRRIGATION EQUIPMENT MEETS GOVERNMENT REGULATIONS, CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS OR APPROVALS.
- 5. THIS PLAN IS SCHEMATIC AND DUE TO THE NATURE OF CONSTRUCTION SLIGHT FIELD MODIFICATIONS MAY BE NECESSARY TO IMPLEMENT PLAN.
- 6. IRRIGATION SYSTEMS CONNECTED TO POTABLE WATER SUPPLY, SHALL HAVE A BACKFLOW PREVENTER INSTALLED.
- 7. IRRIGATION LATERAL LINES, MAIN LINES AND EQUIPMENT MAY BE SHOWN OUTSIDE PROPERTY LINES ON THIS PLAN, ALL IRRIGATION LINES AND EQUIPMENT ARE TO BE WITHIN AND INSTALLED WITHIN THE LIMITS OF THE PROPERTY LINE.
- 8. ALL IRRIGATION SLEEVING TO BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR. ELECTRICAL WIRES FOR IRRIGATION VALVES AND IRRIGATION LINES ARE TO BE PLACED IN. SEPARATE SLEEVES. SEE SLEEVING DETAIL.
- 9. SUPPLY LINE AND WATER METER TO BE PROVIDED BY OWNERBACKFLOW PREVENTOR TO BE PROVIDED BY IRRIGATION CONTRACTOR IRRIGATION CONTRACTOR'S POINT OF CONNECTION TO BEGIN DOWNSTREAM OF THE IRRIGATION WATER METER.

IRRIGATION NOTES:

- l. Irrigation shall be a complete underground system.
- 2. Trees and shrubs shall be on separate valves. 3. Point of connection for irrigation system shall be as indicated on the Utility Plan, Civil drawings. Landscape Contractor point of connection and responsibility shall begin downstream of the point of connection.
- 4. Irrigation will be operated by smart irrigation system
- automatic controller, capable of multi-programming ability. 5. Location of controller to be field determined and power
- source for controller to be provided by the owner. 6. Irrigation maintenance shall be the responsibility of the Property Owner.
- Water and Power source for irrigation system shall be the responsibility of the Property Owner.
- Per 5-6(CX14Xa), irrigation systems shall comply with Section 8 of the ABCWUA Legislation and Ordinances (Cross Connection Prevention and Control Ordinance).
- 9. Per 5-6(CX14Xb), all irrigation systems shall be designed to minimize the use of water.
- 10. 5-6(CX14Xc), all non-residential landscape irrigation shall have automatic timers and/or programmable settings to avoid overwatering.
- II. Per 5-6(CX14Xd), the irrigation system shall not spray or irrigate impervious surfaces, including sidewalks, driveways, drive aisles, streets, and parking and loading areas.



MANUFACTURERSIZE / NOTESSEE CIVIL PLANS1 1/2", 100gpm, 70psi requiredHUNTERAs Required FEBCO (OR EQUAL) 11/2" WITH FROST PROTECTION

> 3/4" with Pressure Regulation and Y Filter 2 SIZES LARGER THAN PIPE TO BE SLEEVED. 1 1/2" 3/4"- 1" SEE DETAIL

90% Not For Construction

SCALE: 1" = 40'-0"





TRENCHING DETAIL

N.T.S.













SHRUB EMITTER PLACEMENT DETAIL

CONTROLLER AS SPECIFIED WITH TREYED LOCK OR PADLOCK.

_CONTROL WIRE AND COMMON WIRE CONNECTIONS

-FINISHED FLOOR ELEVATION RIGER AND "ELL" (BY GENERAL CONTRACTOR). -CONDUIT TO IRRIGATION SYSTEM (BY GENERAL CONTRACTOR).

N.T.S.

/ EMITTER PLACED WITHIN 6" OF PLANT STEM

2-2GPH DRIP EMITTERS PER SHRUB NOTE: PLACE EMITTER ABOVE PLANT ON SLOPE

N.T.S.

PUBLIC SERVICE COMPANY OF NEW MEXICO PUBLIC SERVICE COMPANY OF NEW MEXICO SANDIA BESS SITE - 90% DESIGN SET construction Documents and 1-021-055-162-512-2-06-67 of the public set of the public	Construction bocuments APN 1-021-055-162-512-2-06-67 APN 1-021-055-162-512-5-06-67 APN 1-021-055-162-512-5-06-67 APN 1-021-055-162-512-5-06-67 APN 1-021-055-162-512-5-06-67 APN 1-021-055-162-512-5-06-67 APN 1-021-055-162-512-5-06-67 APN 1-021-055-162-512-5-06-67 APN 1-021-055-162-512-5-06-67 APN 1-021-512-5-06-67 APN 1-021-512-5-06-57 APN 1-021-512-5-06-57 APN 1-021-512-5-06-57 APN 1-021-512-5-07 APN 1-021-512-5-07 APN 1-021-512-5-06-57 A	PUBLIC SERVICE COMPANY OF NEW MEXICO PUBLIC SERVICE COMPANY OF NEW MEXICO SANDIA BESS SITE - 90% DESIGN SET CONSTRUCTION DOCUMENTS APN 1-021-055-162-512-2-06-67 Interview Mexico Description Interview Mexico Interview Mexico Int
Construction documents APN 1-021-055-162-512-2-06-67 APN 1-021-055-162-67 APN 1-021-055	PUBLIC SERVICE COMPANY OF NEW MEXICO PUBLIC SERVICE COMPANY OF NEW MEXICO SANDIA BESS SITE - 90% DESIGN SET CONSTRUCTION DOCUMENTS CONSTRUCTION DOCUMENTS APN 1-021-055-162-512-2-06-67 New MEXICO DATE - 00% DESIGN SET	Mitchell Associates, inc PUBLIC SERVICE COMPANY OF NEW MEXICO PUBLIC SERVICE COMPANY OF NEW MEXICO PUBLIC SERVICE COMPANY OF NEW MEXICO PUBLIC SERVICE COMPANY OF NEW MEXICO POLICI SERVICE SERVICE COMPANY OF NEW MEXICO POLICI SERVICE SERVICE COMPANY OF NEW MEXICO POLICI SERVICE SERVICE SERVICE COMPANY OF NEW MEXICO POLICI SERVICE SERVI
Construction documents APN 1-021-055-162-512-2-06-67 Interview Maximum APN 1-021-055-162-512-2-06-67 Interview Maximum Interview Maximum I	CITY OF ALBUQUEROL	Mitchell Associates, inc. Mitchell Associates, inc. Mitchell Associates, inc. Image: Stand
Construction bocuments APN 1-021-055-162-512-2-06-67 In 1-021-055-162-512-2-06-67 In 1-021-055-162-512-2-06-67	PUBLIC SERVICE COMPANY OF NEW MEXICO SANDIA BESS SITE - 90% DESIGN SET I/22/2057 New MEXICO ICTY OF ALBUQUEROU	Mitchell Associates, inc Mitchell Associates, inc PUBLIC SERVICE COMPANY OF NEW MEXICO PUBLIC SERVICE SERVI
C SERVICE COMPANY OF NEW MEXICO IA BESS SITE - 90% DESIGN SET CONSTRUCTION DOCUMENTS APN 1-021-055-162-512-2-06-67 NEW MEXICO	PUBLIC SERVICE COMPANY OF NEW MEXICO SANDIA BESS SITE - 90% DESIGN SET CONSTRUCTION DOCUMENTS CITY OF ALBUQUERQUE APN 1-021-055-162-512-2-06-67 NEW MEXICO	Antocates, inc. Mitchell Associates, inc. Mitchell Associates, inc. Mitchell Associates, inc. Antocates, inc. Mitchell Associates, inc. Ant
		Mitchell Associates, inc L a w d s o a p e A r o h i t e o t u r e Dany Mitchell Momentenellassociatesincom

90% Not For Construction



dk JOB NO: 24-1013





dk JOB NO: 24-1013



DMA 1 AREA SUMMARY					
TOTAL TREATABLE AREA	IMPERVIOUS AREA	REQUIRED TREATMENT	PROVIDED TREATMENT		
159,378 SF	21,410 SF	0.017 AC-FOOT	0.036 AC-FOOT		



10'

8" CURB

	L	EGEND
	SYMBOL	DESCRIPTION
		PROPERTY LINE
		EXISTING EASEMENT
	AC AC	UNDERGROUND AC
	×	PERIMETER WALL (DESIGN BY OTHERS)
	o	SUBSTATION FENCE
		LIMIT OF DISTURBANCE
		AUGMENTATION GROUP 1
		AUGMENTATION GROUP 2
		AUGMENTATION GROUP 3
		AUGMENTATION GROUP 4
		AUGMENTATION GROUP 5
		POWER CONTROLLER
	⊖ ^{V, MH, CB}	EX STRUCTURES
	C)	EX TREES/VEGETATIONS
		EX MINOR CONTOUR
		EX MAJOR CONTOUR
		STORM DRAIN MAIN AND STRUCTURE
		PROPOSED CONCRETE
		PROPOSED GRAVEL ROADWAY
		PROPOSED DRAINAGE SWALE
		PROPOSED STORMWATER BASIN
		EX WELL
5' 10'	20000	DETECTABLE WARNING





AC	SET	TECHNICAL	REPORT		
			DEPCOM – Sandia		
ENGINI	EERING	JOB NUMBER:	23231		
SUBJECT:	Site Lighting Study			CALC NO.: SHEET NO.:	
BY:	ASSET Engineering	DATE:	<u>11/12/24</u>	REV:	
	<u> </u>				—
1					
1					
		CT	T		
		<u>51</u>	TE		
		LIGHTIN		\mathbf{V}	
		LIGHIIN	IG SI UD		
		1 -			
		ed For (Constri	uction)	
1					



PROJECT: DEPCOM – Sandia

SUBJECT: <u>Site Lighting Study</u>

BY: <u>ASSET Engineering</u>

DATE: <u>11/12/24</u>

CALC NO.: <u>E-416</u> **SHEET NO.:** <u>2 OF 6</u> **REV:** <u>B</u>

TABLE OF CONTENTS

1.0	Purpose and Scope	. 3
2.0	Design Requirements	. 3
3.0	Design Methodology	. 3
4.0	Design Results	. 4
5.0	References	. 5
6.0	Revision Control	. 5

	G	GET	TECHNICAL				
		ERING		DEPCOM – S	andia		
ENG	INE	ERING	JOB NUMBER:	23231			
SUBJE	CT:	Site Lighting Study			CALC	NO.:	<u>E-416</u>
DV.		ACCET Engineering	DATE.	11/12/24	SHEET		
BY:		ASSET Engineering	DATE:	<u>11/12/24</u>	1	REV:	<u>B</u>
1.0	Purp	oose and Scope					
		Purpose of this Site Lig 34.5 kV Substation, wh			ighting levels within the exico.	DEP	COM POWER
	direc detai	tly associated with th	e substation yard v wings. The study d	which include	ing levels , fixtures, lames the control building unt for light from exist	's ext	erior lights, as
2.0	Desig	gn Requirements					
	engin 1 – I	neering practice. NES	C Foot-candle Reco Lighting levels ran	mmendations	the NESC/IEEE stand are presented in Attach foot-candles (fc) for g	nment	C "Table 111-
	(LLF	-	ion 3.3 below, and	represents the	nd value incorporates the minimum target-main		
		ghts used in the yard a querque Acres and Sar		nt to conform	with the "Outdoor Lig	hting	Code for North
3.0	Desig	gn Methodology					
	3.1	Computer Software					
		by Acuity Brands I facility, locate ligh height and orientation	Lighting, Inc. This ting fixtures in plan on (direction and tilt	s software all n, assign fix t angle) of the	020 (Version 2.11.0094 ows the user to impor sure/lamp properties, an e fixtures. The software ed further in this section	t a C nd set also	AD file of the the mounting
	3.2	Fixtures and Mount	ing				
		• •	table Area Lights.	-	t the facility: LED wa ure information in the		-
	3.3	Light Loss Factor					
					or the physical condition orld" losses or gains cor		
I							

	S	SET	TECHNICAL PROJECT:	REPORT DEPCOM – Sandia		
ENG	INE	ERING	JOB NUMBER:			
SUBJE	ECT:	Site Lighting Study			CALC NO.: <u>E-416</u> SHEET NO.: 4 OF 6	
BY:		ASSET Engineering	DATE:	<u>11/12/24</u>	REV: $\underline{\underline{B}}$	
			e		vorld" losses or gains compared to the uding the following:	
		(lumens) as	-		ants for the diminished light output dependent on the lamp type (mercury	
	• Luminaire Dirt Depreciation (LDD), which accounts for dirt accumulation on lamps at fixtures. A LDD factor of 0.80 is used for outdoor, which reflects cleaning every tw years in a "Dirty" environment.					
		6			tion of light output (lumens) due to the used for outdoor lighting.	
		The resulting LLF =	= LLD * LDD * VE	is calculated to be	0.60 for LED fixtures.	
	3.4	Design Clarification	<u>18</u>			
		The following desig	gn assumptions and l	imitations are noted	d:	
		1. Outdoor ligl	nting designs conside	er direct lighting or	ly and do not consider reflectance.	
		2. The mounting	ng angle of the lights	are at a fixed angle	e of 45°.	
		3. RAB Field-	Adjustable Flood lig	hts are at a height c	of 35'.	
		-	will be updated wit vings are received.	h the control buil	ding's exterior lights evaluated once	
4.0	Desi	gn Results				
	level	-	contoured lighting le		plan view, which shows spot lighting e walking surface. A summary of the	
	4.1	General Yard Light	ing			
		lighting levels drav areas and 2 fc for C	vn at 0.2 and 2 fc.	The minimum targ g are well maintair	view in Attachment B, with contoured get lighting levels of 0.2 fc for remote ned. Lighting levels are lost around the	
	4.2	Other Consideration	18			
		several years. T	The lead time for lam	ps is expected to b	nd should not need to be replaced for e relatively short, perhaps stock to two at the time of the first failure, and that	



TECHNICAL REPORT PROJECT: DEPCOM – Sandia

JOB NUMBER: 23231

SUBJECT:	Site Lighting Study			CALC NO.:	<u>E-416</u>
				SHEET NO.:	<u>5 OF 6</u>
BY:	ASSET Engineering	DATE:	<u>11/12/24</u>	REV:	<u>B</u>

all lamps be replaced at one time for preventive maintenance. Stocking of spare lamps is at the Customer's discretion.

2. It is recommended that fixtures be cleaned as part of a regularly scheduled maintenance plan.

5.0 References

- 5.1 National Electric Safety Code, 2023 Edition.
- 5.2 Visual 2020 (version 2.11.0094).
- 5.3 *Outdoor Lighting Code for the City of Tucson, Arizona and Prima County Arizona, 2012.*

6.0 Revision Control

Rev. No.	By	Date	Purpose	Description
А	CTW	08/21/24	Issued For Construction	Original Issue
В	CTW	11/12/24	Issued For Construction	Original Issue

ASSE	NG TECHNICAL REPORT PROJECT: DEPCOM – Sandia JOB NUMBER: 23231	
	<u>Sengineering</u> DATE: <u>11/12/24</u>	CALC NO.: <u>E-416</u> SHEET NO.: <u>6 OF 6</u> REV: <u>B</u>
Attachment	Description	Page No.
А	Lighting Fixture Information	7
В	Design Results	10
С	Selected Project Data	12

	SET E R I N G	TECHNICAL PROJECT: JOB NUMBER:	DEPCOM – Sandia		
SUBJECT:	Site Lighting Study			CALC NO.:	<u>E-416</u>
BY:	ASSET Engineering	DATE:	<u>11/12/24</u>	REV:	<u>B</u>

Attachment A

Lighting Fixture Information

FXLED78SFN

78W

4000K (Neutral)

100,000 Hours

10,195 lm

129.2 lm/W



Technical Specifications

Compliance

UL Listed:

Suitable for wet locations. Suitable for mounting within 4ft (1.2m) of the ground.

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

IP Rating: Ingress protection rating of IP66 for dust and water

Performance

Lifespan: 100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Wattage Equivalency: Equivalent to 250W Metal Halide

LED Characteristics

LEDs: Long-life, high-efficacy, surface-mount LEDs

Color Stability:

LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Construction

EPA:

2

Ambient Temperature: Suitable for use in up to -40°C (-40°F) to 40°C (104°F)

Lens: Tempered glass lens included

Housing: Die-cast aluminum housing and door frame

Mounting: Heavy-duty slipfitter for 2 3/8"OD pipe

Finish: Formulated for high durability and long-lasting color

Tilt Increment: Rotates in 6 degree increments

Other

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.66A, 208V: 0.38A, 240V: 0.33A, 277V: 0.29A

THD: 6.1% at 120V, 7.67% at 277V

Power Factor: 99.8% at 120V, 95% at 277V

FXLED78SFN





Features

66% energy cost savings vs. HID NEMA Type - 6H x 6V "Air-Flow" technology heat dissipation

- 100,000-hour LED lifespan
- 5-Year, No-Compromise Warranty

Ordering Matrix							
Family	Wattage	Mounting	Color Temp	Finish	Driver	Options	Other Option
FXLED	78	SF	Ν				
	105 = 105W 125 = 125W 150 = 150W 78 = 78W	SF = Slipfitter T = Trunnion	Blank = 5000K Cool N = 4000K Neutral Y = 3000K Warm	W = White Blank = Bronze	Blank = Standard /D10 = 0-10V Dimming /BL = Bi-Level /480 = 480V	Blank = No Option /LC = Lightcloud Controller /PCT = 100-277V Twistlock /PCT4 = 480V Twistlock	Blank = Standard USA = BAA Compliant

	SET	TECHNICAL PROJECT: JOB NUMBER:	DEPCOM – Sandia		
SUBJECT:	Site Lighting Study			CALC NO.:	<u>E-416</u>
BY:	ASSET Engineering	DATE:	<u>11/12/24</u>	REV:	<u>B</u>

Attachment B

Design Results



В	11/05/24	90% DESIGN REV
А	08/21/24	60% DESIGN REV
REV	DATE	DESCRIPTION







SCHEDULE:



RAB FIELD-ADJUSTABLE FLOOD LIGHTS MOUNTED AT 35', TILTED AT A 45 DEGREE ANGLE FROM GROUND.

NTS	DEPCOM POWER-SANDIA SUBSTATION STORAGE PROJECT 115/34.5kV SUBSTATION	FILE NAME 23231-E-415
1/27/23		JOB NUMBER
CTW	SUBSTATION LIGHTING PLAN	23231
sked JAM	SUDSTATION LIGHTING FLAN	DRAWING NUMBER
RDJ	LOCATION ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO	E - 415

	SET E R I N G	TECHNICAL PROJECT: JOB NUMBER:	DEPCOM – Sandia		
SUBJECT:	Site Lighting Study			CALC NO.:	<u>E-416</u>
BY:	ASSET Engineering	DATE:	11/12/24	REV:	<u>B</u>

Attachment C

Selected Project Documentation

Sec. 30-181. Title.

This division shall be known as the North Albuquerque Acres and Sandia Heights Light Pollution Ordinance. (Ord. No. 1997-18, § 1, 11-4-97)

Sec. 30-182. Declaration of necessity.

WHEREAS, the regulation of the use of outdoor light fixtures can reduce light pollution and conserve energy; and

WHEREAS, the night sky is an important aspect of our environment; and

WHEREAS, it is pleasing to the senses and intellect of mankind to be able to gaze at the night sky with minimum interference from light pollution; and

WHEREAS, many of the residents of North Albuquerque Acres and Sandia Heights enjoy amateur astronomy, but light pollution interferes with their enjoyment; and

WHEREAS, light pollution interferes with astronomical research facilities which are engaged in the study of planets, comets, stars, galaxies, and satellites; and

WHEREAS, the residents of North Albuquerque Acres and Sandia Heights reside in an area of the unincorporated area of Bernalillo County that contain highly significant views; and

WHEREAS, North Albuquerque Acres and Sandia Heights are bounded on the North by the Sandia Indian Reservation; on the South by the City of Albuquerque; on the East by the Sandia Mountain and the West by the City of Albuquerque.

NOW, THEREFORE, the Board of County Commissioners for the County of Bernalillo hereby, finds and declares that the night sky is an important aspect of our environment and that it is essential for the County of Bernalillo to regulate the use of outdoor light fixtures in North Albuquerque Acres and Sandia Heights.

(Ord. No. 1997-18, § 2, 11-4-97)

Sec. 30-183. Intent and purpose.

This division is intended to create standards for outdoor lighting so that its use does not unreasonably interfere with the enjoyment of adjacent property owners, and with astronomical observations, and to promote energy conservation without jeopardizing safety, utility, security and productivity. The purpose of this division is to minimize light pollution, which has a detrimental effect on the night sky environment, interferes with the enjoyment of the night sky, and causes unnecessary illumination of adjacent properties.

(Ord. No. 1997-18, § 3, 11-4-97)

Sec. 30-184. Conformance with applicable codes.

All outdoor electrically powered illuminating devices within the area controlled by this division, including outdoor light futures on facilities or lands owned, operated, controlled or protected by the State of New Mexico, the County of Bernalillo, the City of Albuquerque, or other public entity or public agencies, must comply with the requirements of this division, unless exempted through the provisions of section 30-190 of this division, and shall be installed and thereafter maintained in conformance with the provisions of this division, the Zoning Ordinance, the Building Code, the Electrical Code and all other applicable provisions of the Bernalillo County Code.

Federally funded and state funded roadway construction projects, such as Paseo Del Norte and its intersections with other local streets and roadways are exempted from the requirements of this division only to the extent it is necessary to comply with federal and state requirements.

(Ord. No. 1997-18, § 4, 11-4-97)

Sec. 30-185. Definitions.

The following words, terms and phrases, when used in this division, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning. The "IES" (Illuminating Engineering Society of North America) Lighting Handbook, 1981 most recent edition Application Volume, the Bernalillo County Zoning Ordinance, Building Code, and Electrical Code shall be used for the definition of terms used in this division but not defined herein. In the case where a definition of a term of this division is found to be in conflict with a definition of a term of any other ordinance, "IES" handbook or regulation, the more restrictive definition will apply.

Automatic timing device means a device that automatically controls the operation of a light fixture or fixtures, circuit or circuits. Photocells and light and or motion sensors shall be considered automatic-timing devices

Cutoff means a light fixture designed, installed, and operated so that the light distribution meets the following criteria: the candlepower per 1,000 lamp lumens does not numerically exceed 25 (2½ percent) at an angle of 90 degrees above nadir (horizontal), and 100 (10 percent) at an angle of 80 degrees above nadir. This applies to any lateral angle around the light fixture.

Filtration means outdoor light fixtures, which have glass, acrylic or translucent enclosures.

Installed means the attachment or assembly fixed in place whether or not connected to a power source.

Light pollution means artificial light which causes a detrimental effect on the night sky environment, interferes with astronomical observation, or diminishes enjoyment of the night sky.

Outdoor light fixtures means outdoor electrically powered illuminating devices, outdoor lighting, internally illuminated or reflective surfaces, bare lamps, and similar devices, permanently installed or portable. Such devices may be used for but are not limited to:

- (1) Outdoor lighting of buildings and structures, including building overhangs and canopies;
- (2) Outdoor lighting of recreational areas or parking lots;
- (3) Security lighting;
- (4) On-premises signs;
- (5) Street lighting;
- (6) Landscape lighting;
- (7) Building mounted area lighting; and
- (8) Building facade lighting.

Person means any individual, firm, co-partnership, joint venture, association, social club, fraternal organization, corporation, estate, trust, business trust, receiver, syndicate, political subdivision, or other group or combination, acting as a unit.

Premises means a tract, lot or parcel of land together with all buildings and structures thereon.

Private area light means a light installed by a public utility company under a public utility company's rate schedule for private use and owned by the public utility company.

Semicutoff means a light fixture designed, installed, and operated so that the light distribution meets the following criteria: the candlepower per 1000 lamp lumens does not numerically exceed 50 (five percent) at an angle of 90 degrees above nadir (horizontal) and 200 (20 percent) at a vertical angle of 80 degrees above nadir. This applies to any lateral angle around the light fixture.

Shielded means a technique or method of construction which causes all the light emitted from an outdoor light fixture to be projected below a horizontal plane passing through the fixture.

Shielded aimable means a technique or method of construction which causes all the light emitted to be directed to the surface or area to be illuminated, so that the emanating source of light is not visible from any angle except those angles that exist between the fixture and the target to be illuminated. The emanating source shall not be visible from any adjacent properties or roadways to minimize light pollution.

(Ord. No. 1997-18, § 5, 11-4-97)

Sec. 30-186. General requirements.

Searchlights, spotlights, floodlights or lighting fixtures used to illuminate off-premises signs are hereby prohibited. Any other outdoor light fixtures or illuminated on-premises signs installed after the effective date of this division shall comply with all applicable county ordinances and with the following:

- (1) All outdoor light fixtures and illuminated on-premises signs shall be (1) designed and operated as cutoff or shielded aimable fixtures, (2) equipped with and controlled by light and motion sensors or automatic timing devices, and (3) shall remain off between 11:00 p.m. and sunrise except for illuminating walkways or driveways.
- (2) Outdoor light poles and standards shall not exceed 16 feet in height above existing grade. Public streetlight poles and standards are exempt from this height requirement.
- (3) All outdoor lighting fixtures mounted on buildings or structures shall be mounted at a height no more than 16 feet above finished grade.
- (4) All outdoor lighting systems shall be designed, or re-designed, and operated so that the area ten feet beyond the property line of the premises receives no more than 0.25 (one quarter) of a footcandle of light from the premises lighting system.

(Ord. No. 1997-18, § 6, 11-4-97)

Sec. 30-187. Approved materials and methods of installation.

The provisions of this division are not intended to prevent the use of any design, material or method of installation or operation not specifically prohibited by this division, provided such alternative design, material or method conforms with the intent of this division and has been approved by the zoning administrator.

- (1) The zoning administrator may approve any such proposed alternative design provided he finds that;
 - a. It complies with the applicable specific requirements of this division; or
 - b. It has been designed or approved by a registered professional engineer and complies with the intent of this division.
- (2) Such determination shall be made in accordance with the procedures in the Administrative Section 24.A.4, of the Bernalillo County Zoning Ordinance.

(Ord. No. 1997-18, § 7, 11-4-97)

```
(Supp. No. 87)
```

Sec. 30-188. Nonconforming outdoor fixtures.

All non-conforming outdoor fixtures installed prior to and operable on the effective date of this division shall he removed or converted to a conforming use within three years for non-residential use and five years for residential use.

(Ord. No. 1997-18, § 8, 11-4-97)

Sec. 30-189. Exemptions.

Existing public streetlights installed before the effective date of this division are exempt from the requirements of this division; however, when they become unrepairable, their replacements are subject to all provisions of this division.

(Ord. No. 1997-18, § 9, 11-4-97)

Sec. 30-190. Administrative exemption.

Any person may submit an application for an administrative exemption from the requirements of the division. This request shall be done in accordance with the procedures enumerated in the Administrative Section 24.A.4, of the Bernalillo County Zoning Ordinance. In addition the request shall state fully:

- (1) The circumstances and conditions relied upon as grounds for administrative exemptions; and
- (2) The circumstances and conditions by which strict application of the provisions of this division would deprive the applicant reasonable use of the land, building or outdoor light fixtures; and
- (3) The grounds by which the granting of the administrative exemption will not be injurious to the neighborhood or otherwise detrimental to the public welfare.

(Ord. No. 1997-18, § 10, 11-4-97)

Sec. 30-191. Penalty.

Any owner, tenant, agent, or person in charge of any premises or any other person who violates any of the provisions of this division, shall be deemed guilty of a misdemeanor, and upon conviction thereof, shall be punished by a fine not exceeding \$300.00 per day of the violation, or imprisonment in the county jail for a period not exceeding 90 days, or both fine and imprisonment. Unless otherwise specified, each day that a prohibited condition exists shall constitute a separate offense.

(Ord. No. 1997-18, § 11, 11-4-97)

Sec. 30-192. Severability.

The provisions of this division are severable, and if any provision, sentence, clause, section, or part thereof is held illegal, invalid, unconstitutional, or inapplicable to any person or circumstance, the illegality, invalidity, unconstitutionality, or inapplicability shall not affect or impair any of the remaining provisions, sentences, clauses, sections or parts of this division or their application to the persons or circumstances.

It is hereby declared to be the intent of the board of county commissioners that this division would have been adopted if such illegal, invalid, or unconstitutional provision, sentence, clause, section, or part had not been

(Supp. No. 87)

included therein, and if the person or circumstance to which this division or part thereof is inapplicable had been specifically exempted therefrom.

(Ord. No. 1997-18, § 12, 11-4-97)

Secs. 30-193-30-200. Reserved.

Receptacles in damp or wet locations abled of boolnod ton carboot, and experte agree an be E.

All 120 V ac permanent receptacles shall be provided with one or more of the following:

- Ground-fault circuit interrupter (GFCI) protection. 1.
- Be on a grounded circuit that is tested at such intervals as experience has shown to be 2. necessary.
- Be applied in conjunction with a GFCI device between the receptacle and the load. 3.00

Table 111-1—Illumination levels

footcandles	112. Fixulies, flo
104 of 1125 1941 Co	slugy . 270 stug
15	160
10	A. 011073
l have eten surfaq	[sde z10:55]
	10 1241251170 201 15

107 Copyright © 2022 IEEE. All rights reserved.

Table 111-1

Part 1: Safety Rules for Electric Supply Stations

Rule 112A

Location	footcandles	alam Clux, and	
Generating station (exterior)	to miniving vol !	generally avoids	
Building pedestrian main entrance	10	110	
Critical areas ⁵ and a side and a side areas a side to be the boot areas and a	- to have done to	pol gin 55 avado	
	2. materia	22	
Areas occupied occasionally by vehicles ⁷	1	11	
Areas occupied infrequently ⁸	0.5	5.5	
Remote areas ⁹	0.2	2.2	
e grounding type. Receptaules connected to circuits has noise	fold of the stars	ac branch c	
Control building interior	HINTICHES, OF LYDER	55	
General exterior horizontal and equipment vertical	2	22	
Remote areas 10 111 shot reacted about to solve bits about 1491 st	ni GEO 0.2 MA 2011	2.2 50 8	

Table 111-1—Illumination levels (continued)

¹ Such as: Chemical laboratory, large centralized control room 66 in (1.68 m) above floor, section of duplex facing away from operator, bench boards (horizontal level), dispatch boards—horizontal plane (desk level), dispatch boards—vertical face of board [48 in (1.22 m) above floor, facing operator]—system load dispatch room.

² Such as: Ordinary control room 66 in (1.68 m) above floor, secondary dispatch room, turbine room.

³ Such as: Auxiliaries, battery areas, boiler feed pumps, tanks, compressors, gage area, burner platforms, hydrogen and carbon dioxide manifold area, screen house, power switchgear, communications equipment room, turbine bay sub-basement, visitors' gallery, water treating area.

⁴ Such as: Air-conditioning equipment, air preheater and fan floor, ash sluicing, boiler platforms, cable room, circulator, or pump bay, coal conveyor, crusher, feeder, scale area, pulverizer, fan area, transfer tower, condensers, de-aerator floor, evaporator floor, heater floors, area inside duplex switchboards, rear of all switchboard panels (vertical), precipitators, soot or slag blower platform, steam headers and throttles, piping tunnels or galleries.

⁵ Such as: Coal unloading dock (loading or unloading zone), coal unloading car dumper, gate house conveyor entrance, fuel-oil delivery headers, platforms—boiler, turbine deck.

⁶ Such as: Catwalks, coal unloading tipple, conveyors, secondary building entrances.¹⁰⁰⁰⁰

⁷ Such as: Oil storage tanks, roadway between or along buildings.

8 Such as: Coal unloading barge storage area, roadway not bordered by buildings. 100001 to who grass in colour poor

⁹ Such as: Cinder dumps, fence, open yard.

¹⁰Such as: Fence, open yard. ¹⁰Such as: Fence, open yard.



SANDIA PROJECT SIGNAGE



- 1. Entrance Sign by Gate (Left Side) : "Sandia Energy Center" 4' x 4' (See example Below)
 - a. Sign should be lighted at night.
 - b. PNM LOGO attached.
 - c. Sign should utilize Klavika Fonts (Attached)
 - d. Sign should utilize PNM Colors
 - i. Pantone 3145 = PNM Blue
 - ii. Pantone 144 = PNM Orange
 - e. The logo provided has PNM Blue Letters, this will be White on PNM Blue Background, as example shows... Logo is intended for Graphic purposes....
- 2. Also provide 8 of the attached 12" x 18" "No Trespassing" Signs. Posting location TBD
- 3. At the entrance also provide the 2' x 10" Warning Sign found below











DEVELOPMENT FACILITATION TEAM (DFT) APPLICATIONS

Effective 11/16/2023

Please check the appropriate box(es) and refer to supplemental forms for submittal requirements. All fees must be paid at the time of application.				
MISCELLANEOUS APPLICATIO	NS	Extension of Infrastructure List or IIA (Form S3)		
□ Site Plan Administrative DFT (Forms SP & P2)		PRE-APPLICATIONS		
□ Final EPC Sign-off for Master Development/Site Pl	ans - EPC <i>(Form P2)</i>	□ Sketch Plat Review and Comment (Form S3)		
□ Infrastructure List or Amendment to Infrastructure I	_ist (<i>Form</i> S3)	□ Sketch Plan Review and Comment <i>(Form S3)</i>		
□ Temporary Deferral of S/W (Form S3)		APPEAL		
Extension of IIA: Temp. Def. of S/W (Form S3)		Decision of Site Plan Administrative DFT (Form A)		
BRIEF DESCRIPTION OF REQUEST				
Applicant/Owner:			Phone:	
Address:			Email:	
City:		State:	Zip:	
Professional/Agent (if any):			Phone:	
Address:			Email:	
City:		State:	Zip:	
Proprietary Interest in Site:		List <u>al</u> l owners:		
SITE INFORMATION (Accuracy of the existing legal description is crucial! Attach a separate sheet if necessary.)				
Lot or Tract No.:		Block:	Unit:	
Subdivision/Addition:	1	MRGCD Map No.:	UPC Code:	
Zone Atlas Page(s):	Existing Zoning:		Proposed Zoning	
# of Existing Lots:	# of Proposed Lots: Total Area of Site (Acres):			
LOCATION OF PROPERTY BY STREETS				
Site Address/Street: and:				
CASE HISTORY (List any current or prior project and case number(s) that may be relevant to your request.)				
I certify that the information I have included here and sent in the required notice was complete, true, and accurate to the extent of my knowledge.				
Signature:		Date:		
Printed Name:			□ Applicant or □ Agent	

FORM P2: SITE PLAN ADMINISTRATIVE – Development Facilitation Team (DFT) as of 12/25/2022

_ SITE PLAN ADMINISTRATIVE – DFT

A Single PDF file of the complete application including all documents being submitted must be emailed to <u>PLNDRS@cabq.gov</u>. Zipped files or those over 9 MB cannot be delivered via email, in which case the PDF must be provided to City Staff using other online resources such as Dropbox or FTP. <u>The PDF shall</u> <u>be organized in the number order below</u>. Divide the PDF with a title sheet for each of the three documentation sections in **bold** below.

SITE PLAN DOCUMENTATION

- _____1) DFT Application form completed, signed, and dated
- _____ 2) Form P2 with all the submittal items checked/marked
- _____ 3) Form SP with signatures from Hydrology, Transportation, and ABCWUA
- _____ 4) Zone Atlas map with the entire site clearly outlined and labeled
- _____ 5) Site Plan and related drawings (include a Site Plan key of the sheets submitted)
- _____ 6) Copy of the original approved Site Plan or Master Development Plan (for amendments to or Extensions of the Site Plan)
- _____ 7) Infrastructure List, if required for building of public infrastructure
- 8) Sensitive Lands Site Analysis for new site design in accordance with IDO Section 5-2(C) (The Sensitive Lands Site Analysis form can be obtained online at): <u>https://documents.cabq.gov/planning/development-review-</u> board/Sensitive lands analysis form.pdf
- 9) Responses to climatic and geographic responsive design considerations (Recommended to promote sustainability, but not required. The Climatic and Geographic Responsiveness form can be obtained online at): <u>https://documents.cabq.gov/planning/IDO/SubmittalFormIDO5-</u> <u>2(D)ClimaticGeographic_Responsiveness.pdf</u>

SUPPORTIVE DOCUMENTATION

- _____ 10) Completed Site Plan Checklist
- _____ 11) Letter of authorization from the property owner if application is submitted by an agent
- 12) Justification letter describing and justifying the request per the criteria in IDO Section 16-6-5(G)(3)
- 13) Explanation and justification of requested deviations, if any, in accordance with IDO Section 14-16-6-4(P). Note: If requesting more than allowed by deviation, a Variance – ZHE or Waiver –DHO will be required, as applicable
- 14) Sites 5 acres or greater: Archaeological Certificate in accordance with IDO Section 14-16-6-5(A) (not required for Extension)
- 15) Landfill disclosure statement per IDO Section 14-16-6-4(S)(5)(d)(2)(d) if site is within a designated landfill buffer zone
- 16) Architectural Review Committee approval letter if the site is located within a Master Development Plan area or a Framework Plan area

PUBLIC NOTICE DOCUMENTATION

- _____ 17) Sign Posting Agreement
- 18) Proof of a <u>Pre-Submittal</u> Neighborhood Meeting per IDO 6-4(C)(1)(b) for new building or multiple new buildings that include a total of more than 100 multi-family residential dwelling units or more than 50,000 square feet of non-residential development
 - ___Office of Neighborhood Coordination neighborhood meeting inquiry response
 - Proof of email with read receipt OR Certified Letter offering meeting to applicable associations
 - ___ Completed neighborhood meeting request form(s)
 - ___ If a meeting was requested or held, copy of sign-in sheet and meeting notes
 - 19) Required Content of Notice <u>at Submittal</u> per IDO Section 14-16-6-4(K)(1) (not required for an extension)
 - ___ Office of Neighborhood Coordination notice inquiry response
 - Completed notification form(s), proof of additional information provided in accordance with IDO Section 6-4(K)(1)(b)
 - ___ Proof of emailed notice to affected Neighborhood Association representatives

_ FINAL SIGN-OFF FOR MASTER DEVELOPMENT PLANS AND SITE PLANS – EPC

A Single PDF file of the complete application including all documents being submitted must be emailed to <u>PLNDRS@cabq.gov</u> prior to making a submittal. Zipped files or those over 9 MB cannot be delivered via email, in which case the PDF must be provided to City Staff using other online resources such as Dropbox or FTP. <u>The PDF shall be organized in the number order below.</u>

- _____1) DFT Application form completed, signed, and dated
- _____ 2) Form P2 with all the submittal items checked/marked
- _____ 3) Zone Atlas map with the entire site clearly outlined and labeled
- _____ 4) Site Plan and related drawings
- _____ 5) Infrastructure List, if require
- _____ 6) Copy of EPC Notice of Decision and letter explaining how each EPC condition has been met
- _____ 7) Letter of authorization from the property owner if application is submitted by an agent
- _____ 8) Solid Waste Department signature on Site Plan
- 9) Signed Form DRWS Drainage Report, Grading and Drainage Plan, and Water & Sewer Availability Statement filing information
- _____ 10) Approved Grading and Drainage Plan
- _____ 11) Copy of Site Plan with Fire Marshal's stamp, i.e. "Fire 1" plan (not required for Master Development Plans)

FORM SP: PRE-APPROVALS/SIGNATURES

Legal Description & Location: TR F-2A PLAT OF TRACTS F-2A AND F-2B SANDIA SCIENCE & TECHNOLOGY PARK CONT 5.3533 AC

1401 Innovation Parkway SE Albuquerque NM 87123

Request Description: Site Plan - Administrative for the Sandia Energy Storage System (ESS) - PR-2024-011242 / SI-2024-00106

□ <u>Hydrology:</u>

 Sensitive Lands Analysis (5-2(C)) Grading and Drainage Plan AMAFCA Bernalillo County NMDOT MRGCD <u>Tregue Chan</u> Hydrology Department <u>Transportation:</u>	Approved X Approved Approved Approved Approved 11/21/2024 Date	X NA NA X NA X NA X NA X NA
 Traffic Circulations Layout (TCL) Traffic Impact Study (TIS) Neighborhood Impact Analysis (NIA) Bernalillo County MRCOG NMDOT MRGCD Ernest Ornigo Transportation Department 	x Approved Approved Approved Approved Approved Approved Approved 1/14/2025 Date	XNAXNAXNAXNAXNAXNAXNA

Albuquerque Bernalillo County Water Utility Authority (ABCWUA):

•	Request for Availability submitted?	Yes	No	<u>×</u> NA	
---	-------------------------------------	-----	----	-------------	--

Availability Statement/Serviceability Letter Number N/A (Irrigation Only) •

Note: Commitment for service is required prior to application approval. •

in Gul ABCWUA

1/8/2025 Date

	Infrastructure	Improvements	Agreement ((IIA*)	
--	----------------	--------------	-------------	--------	--

Infrastructure Improvements Agreement (IIA*)	Approved	NA
Solid Waste Department Signature on the Plan	Approved	NA
Fire Marshall Signature on the Plan	Approved	NA

* Prior to Final Site Plan approval submittals (include a copy of the recorded IIA)





CITY OF ALBUQUERQUE



FINANCIAL GUARANTY AMOUNT

January 14, 2025

	Type of Estimate:	I.I.A. Procedure B Non	Work Order with FG		
	Project Description: Project ID #:	673782	PNM Sandia Energy St	orage s	ite
	Requested By:	Russell Brito			
		Approved Estimate Am	ount:	\$	79,438.08
		Continency Amount:	10.00%	<u>\$</u>	7,943.81
		Subtotal:		\$	87,381.89
PO Box 1293		NMGRT:	7.625%	\$	6,662.87
		Subtotal:		\$	94,044.76
Albuquerque		Engineering Fee:	6.60%	\$	6,206.95
New Mexico 8710	03	Testing Fee:	2.00%	<u>\$</u>	1,880.90
		Subtotal:		\$	102,132.61
www.cabq.gov		FINANCIAL GUARANTY	RATE:		1.25
	TOTAL FINANCIAL GU	JARANTY REQUIRED:		\$	127,665.76

APPROVAL: emercelaede

Notes. Non work order

DATE: an. 14 2025

PNM - Sandia ESS

PROJECT N	O. <u>673782</u> DATE <u>01/13/20</u>)25				SHEET 1	OF <u>1</u>
6.	7.	8.		<i>9</i> .	10.	11.	11.
Item	Short	Est.		Est.	Est.	As-Built.	As-Built.
<u>No.</u>	<u>Description</u>	Unit Price		<u>Quantity</u>	<u>Amount</u>	<u>Quantity</u>	<u>Amount</u>
4.01	STAKING	1.43%		1	\$1,025.34		
4.02	SURVEY	0.74%		1	\$530.60		
6.05	MOB	4.26%		1	\$3,054.48		
6.06	DEMOB	0.30%		1	\$215.11		
30.020	NPDES PERMITTING	0.63%		1	\$451.72		
301.020	SUBGRADE PREP, 12"	4.08	SY	415	\$1,693.20		
340.010	SDWK, 4", PCC (10' wide						
	Innovation Parkway)	69.55	SY	576	\$40,060.80		
340.010	SDWK, 4", PCC (5' wide Gibson)	69.55	SY	139	\$9,667.45		
340.025	WLCHR ACC RAMP, 4" PCC	2907.36		2	\$5,814.72		
340.020	DRVPD, 6", PCC (Gibson)	101.72	SY	86	\$8,747.92		
801.059	PRESS CONN, w/FIT, WL	2059.18		1	\$2,059.18		
802.062	1" WTR SVC, SGL	2312.27		1	\$2,312.27		
340.025	SDWK, 4" PCC, R & D	13.91	SY	9.62	\$133.82		
343.113	RES PVMT, R&R (1" WTR SVC)	39.45	SY	10	\$394.50		
343.08	CURB & GUT, PCC R&D	10.22	LF	80	\$817.60	0	ed
19.01	Traffic Control & Barricading	3.43%		1	\$2,459.37		0
	0					U U U U U	O
						<u> </u>	<u> </u>
						ot	ot
						<u> </u>	<u> </u>
						<u> </u>	<u> </u>
						<u> </u>	<u> </u>
						<u> </u>	<u> </u>
						0	o
		·				<u>_</u>	
						E	
. <u> </u>							
	TOTAL			Г	\$79,438.08		
						-	

Estimate approved as basis of financial guaranty amount, Jan. 14, 2025

Somealbelen

Date Submitted:	Date Preliminary Plat Approved:	Date Preliminary Plat Expires	DFT Application No.: SI-2024-01606			PARK) CONT 5.3533 AC		complete listing. During the SIA process ting, the DRC Chair may include those may be deleted as well as the related sions to the listing will be incorporated onsibility will be required as a condition of	Construction Certification Private City Cnst Inspector P.E. Engineer	1 1 1										1 1 1		1 1	
Date S	Date Prelimir	Date Prelir		ASTRUCTURE LIST	MENT PLAN	& TECHNOLOGY PARK (A REPLAT OF TRACT F-2, SANDIA SCIENCE AND TECHNOLOGY PARK) CONT 5.3533 AC	VG ACTION	Following is a summary of PUBLIC/PRIVATE Infrastructure required to be constructed or financially guaranteed for the above development. This Listing is not necessarily a complete listing. During the SIA process and/or in the review of the construction drawings, if the DRC Chair determines that appurtenant items and/or unforeseen items have not been included in the infrastructure listing, the DRC Chair determines that appurtenant items and/or unforeseen items have not been included in the infrastructure listing, the DRC Chair determines that appurtenant or non-essential items can be deleted from the listing, those items may be deleted as well as the related portions of the financial guarantees. All such revisions require approval by the DRC Chair, the User Department and agent/owner. If such approvals are obtained, these revisions to the listing will be incorporated administratively. In addition, any unforeseen items which arise during construction which are necessary to complete the project and which normally are the Subdivider's responsibility will be required as a condition of project acceptance and close out by the City.	From To	on PRKWY		novation Pkwy		to Gibson	way	tion	1" Water Service Line, new single connection to existing watermain, cip	Removal of exisiting ADA ramp cmr of Gibson and Innovation		compl.		nplete	
FIGURE 12	INFRASTRUCTURE LIST	(Rev. 2-16-18) EXHIBIT "A"	UBDIVISION IMPROVEMENTS AGREEMENT	DEVELOPMENT FACILITATION TEAM (DFT) REQUIRED INFRASTRUCTURE LIST	PROPOSED NAME OF PLAT AND/OR SITE DEVELOPMENT PLAN	CHNOLOGY PARK (A REPLAT OF TF	EXISTING LEGAL DESCRIPTION PRIOR TO PLATTING ACTION	d or financially guaranteed for the abo ppurtenant items and/or unforeseen ite nines that appurtenant or non-essentia Chair, the User Department and agent hich are necessary to complete the pro	Location	ds Corner of Gibson and Innovation PRKWY	.5 x 2 = \$2642.9	185.9yds 10' Sidewalk adjacent to Innovation Pkwy		s 5' Wide Sidewak adjacent to Gibson	@ 86yds Gibson Entrance Driveway	VL Pressurized Water connection	1" Water Service Line, ne	_		Construction Mobilization, compl.		Construction Staking, Complete 37	PAGE OF
DRAFT		Approved infrastructure list required prior to IIA submittal.	ed to match. το s uвр	DEVELOPMENT FACILIT		TR F-2A PLAT OF TRACTS F-2A AND F-2B SANDIA SCIENCE & TE	EXISTING LEGA	iffastructure required to be constructe is, if the DRC Chair determines that a es. Likewise, if the DRC Chair deterr visions require approval by the DRC wisions require during construction w	Type of Improvement	2 qty ADA Ramps @ 4	4.81yds x 69.55 = 1321.45 x	340.01 SDWK, 4", PCC @	185.19yds x 69.55 = \$12880	<pre>t" 340.01 SDWK, 4", PCC @ 139yds</pre>	340.02 DRVPD, 6", PCC @ 8 86yds x 101.72 = \$8747.92		802.621" WTR SVC, SGL \$2312.27	1	4.81yds x 13.91 = 66.90	6.05 MOB	4.26% of \$27,718.35 = \$1180.80	4.01 Staking 1.43% of \$27,718.35 = \$396.37	
		t required	t be verifi			TRACTS F-2		PRIVATE In ction drawing noial guarant s. All such re inforeseen ite y the City.	Size	10' x4' x4"		10' × 500' × 4"		5' × 250'x 4"	77' x 10 x 6"'			10' x 4 x 4"					
673782 er:		nfrastructure lis	Scope of approved IL must be verified to match.	DNIM Sandia Energy Contar		TR F-2A PLAT OF		Following is a summary of PUBLIC/PRIVATE and/or in the review of the construction drawi items in the listing and related financial guara portions of the financial guarantees. All such administratively. In addition, any unforeseen project acceptance and close out by the City.	Constructed Under	DRC #													
Current DRC Project Number:		Approved ir	Scope of a					Following is a and/or in the I items in the lit portions of the administrative project accept	Financially Guaranteed	DRC #													



PAGE ____ OF _____ (Rev. 2-16-18)

The items listé listing. The lté	d below are on the second s	e CCIP and appr re subject to the	The items listed below are on the CCIP and approved for Impact Fee credits. Signatures fi listing. The Items listed below are subject to the standard SIA requirements.	rom the Impact Fee Admini	Signatures from the Impact Fee Administrator and the City User Department is required prior to DRB approval of this	ed prior to DRB approval of this
Financially	Constructed					Construction Certification
Guaranteed	Under	Size	Type of Improvement	Location	From To	1
DRC #	DRC #					Inspector P.E. Engineer
		I				
					Approval of Creditable Items:	Approval of Creditable Items:
					Impact Fee Admistrator Signature Date	City User Dept. Signature Date
		If the site is	NOTES If the site is located in a floodplain, then the financial guarantee will not be released until the LOMR is approved by FEMA.	NOTES guarantee will not be releas	sed until the LOMR is approved by FEMA.	
÷			Street ligh:	Street lights per City rquirements.		
2						
۲ ۳						
	AGENT / OWNER			DEVELOPMENT FACILITATION TEAM APPROVALS	TION TEAM APPROVALS	
	NAME (print)		PLANNING - date	3 - date	PARKS & RECREATION - date	te
	FIRM		TRANSPORTATION DEVELOPMENT - date	:VELOPMENT - date	AMAFCA - date	
l o	SIGNATURE - date		UTILITY DEVELOPMENT - date	IPMENT - date	CODE ENFORCEMENT - date	te
			CITY ENGINEER - date	ER - date	HYDROLOGY - date	
			DESIGN RE	DESIGN REVIEW COMMITTEE REVISIONS	NS	
	REVISION	DATE	DRC CHAIR	USER DEPARTMENT		AGENT /OWNER

PAGE _____ OF _____ (Rev. 2-16-18)

From:	Rodenbeck, Jay B.
To:	Chen, Tiequan; Wolfley, Jolene
Cc:	Brito, Russell
Subject:	[External] RE: Sandia Energy Storage System (SI-2024-01606)
Date:	Thursday, November 21, 2024 2:48:45 PM
Attachments:	image002.png
	image004.png
	image005.png



Good afternoon Russell,

Thanks for the Sensitive Lands Analysis for the proposed Sandia Energy Storage System, your Analysis confirms that no sensitive lands are affected by the proposed development. You will need to include this Analysis in your Site Plan submittal.

<u>Tiequan,</u> you can go ahead and sign Form SP provided there are no outstanding issues preventing you from signing the form.



Jay Rodenbeck Planning Manager Development Review Services o (505) 924-3994 c (505) 553-0682 e jrodenbeck@cabq.gov cabq.gov/planning

From: Chen, Tiequan <tchen@cabq.gov>
Sent: Thursday, November 21, 2024 2:07 PM
To: Wolfley, Jolene <jwolfley@cabq.gov>; Rodenbeck, Jay B. <jrodenbeck@cabq.gov>
Cc: Russell Brito PNM <Russell.Brito@pnm.com>

Subject: Fw: Sandia Energy Storage System (SI-2024-01606)

Hi Jolene and Jay:

Could you please review this sensitive lands analysis report and let me know if this is good enough for me to sign the form SP?

Thanks!



TIEQUAN CHEN, P.E.

principal engineer, hydrology

development review services

o 505.924.3695

e tchen@cabq.gov

cabq.gov/planning

From: Brito, Russell <<u>Russell.Brito@pnm.com</u>>

Sent: Wednesday, November 20, 2024 4:55 PM

To: Chen, Tiequan <<u>tchen@cabq.gov</u>>; Planning Development Review Services <<u>PLNDRS@cabq.gov</u>> Cc: Montoya, Anthony <<u>amontoya@cabq.gov</u>>; Martinez, Richard <<u>richardmartinez@cabq.gov</u>>; Webb, Robert L. <<u>rwebb@cabq.gov</u>>; Wolfley, Jolene <<u>jwolfley@cabq.gov</u>>; Rodenbeck, Jay B.<<<u>jrodenbeck@cabq.gov</u>>

Subject: Sandia Energy Storage System (SI-2024-01606)

[EXTERNAL] Forward to phishing@cabq.gov and delete if an email causes any concern.

Tiequan,

Please find attached the Sensitive Lands Analysis and the Drainage Report for the Sandia Energy Storage System at 1401 Innovation Parkway SE (SI-2024-01606) for your review and for the file.

Thank you,

Russell Brito Land Use & Permitting Administrator Environmental Services & Land Use Permitting 2401 Aztec Rd NE, Albuquerque NM 87107 505.241.2798



From: Brito, Russell <<u>Russell.Brito@pnm.com</u>>
Sent: Friday, November 15, 2024 9:49 AM
To: Chen, Tiequan <<u>tchen@cabq.gov</u>>; Planning Development Review Services <<u>PLNDRS@cabq.gov</u>>
Cc: Montoya, Anthony <<u>amontoya@cabq.gov</u>>; Martinez, Richard <<u>richardmartinez@cabq.gov</u>>
Subject: RE: [External] Re: Form P: Pre-Approvals/Signatures

Tiequan,

Please find attached the 1401 Innovation Parkway SE 90% G&D Plan for your review and approval for the form SP signature. Also attached is the DTIS form.

Thank you,

Russell Brito

Land Use & Permitting Administrator Environmental Services & Land Use Permitting 2401 Aztec Rd NE, Albuquerque NM 87107 505.241.2798



From: Chen, Tiequan <<u>tchen@cabq.gov</u>>
Sent: Thursday, November 14, 2024 1:35 PM
To: Planning Development Review Services <<u>PLNDRS@cabq.gov</u>>; Brito, Russell
<<u>Russell.Brito@pnm.com</u>>
Cc: Montoya, Anthony <<u>amontoya@cabq.gov</u>>; Martinez, Richard <<u>richardmartinez@cabq.gov</u>>;

Subject: Re: [External] Re: Form P: Pre-Approvals/Signatures

Yes, it requires an application, new G&D for site plan for building permit. Sorry I forgot to ask Russell submitting the DTIS.

Hi Russell: Please fill in the DTIS form

(https://documents.cabq.gov/planning/DevelopmentReviewServices/DRAINAGE%20AND% 20TRANSPORTATION%20APPLICATION.pdf) and resubmit.

Thanks!



TIEQUAN CHEN, P.E.

principal engineer, hydrology

development review services

• 505.924.3695

e tchen@cabq.gov

cabq.gov/planning

From: Montoya, Yolanda <<u>volandamontoya@cabq.gov</u>> on behalf of Planning Development Review
Services <<u>PLNDRS@cabq.gov</u>>
Sent: Thursday, November 14, 2024 1:15 PM
To: Brito, Russell <<u>Russell.Brito@pnm.com</u>>
Cc: Montoya, Anthony <<u>amontoya@cabq.gov</u>>; Martinez, Richard <<u>richardmartinez@cabq.gov</u>>; Chen, Tiequan <<u>tchen@cabq.gov</u>>
Subject: RE: [External] Re: Form P: Pre-Approvals/Signatures

Tiequan,

Does this submittal require an application? If yes what type.

From: Brito, Russell <<u>Russell.Brito@pnm.com</u>> Sent: Thursday, November 14, 2024 1:11 PM To: Planning Development Review Services <<u>PLNDRS@cabq.gov</u>> Cc: Montoya, Anthony <<u>amontoya@cabq.gov</u>>; Martinez, Richard <<u>richardmartinez@cabq.gov</u>>; Chen, Tiequan <<u>tchen@cabq.gov</u>> Subject: RE: [External] Re: Form P: Pre-Approvals/Signatures

[EXTERNAL] Forward to phishing@cabq.gov and delete if an email causes any concern.

Tiequan,

Please find attached the 1401 Innovation Parkway SE 90% G&D Plan for your review and approval for the form SP signature. Let me know if you have any questions and/or need more information.

Thank you,

Russell Brito

Land Use & Permitting Administrator

Environmental Services & Land Use Permitting

2401 Aztec Rd NE, Albuquerque NM 87107

505.241.2798



From: Brito, Russell Sent: Thursday, November 14, 2024 10:41 AM To: Chen, Tiequan <<u>tchen@cabq.gov</u>> Cc: Montoya, Anthony <<u>amontoya@cabq.gov</u>>; Martinez, Richard <<u>richardmartinez@cabq.gov</u>> Subject: RE: [External] Re: Form P: Pre-Approvals/Signatures

Tiequan,

Please find attached the 90% G&D Plan for your review and approval for the form SP signature. Let me know if you have any questions and/or need more information.

Thank you,

Russell Brito

Land Use & Permitting Administrator

Environmental Services & Land Use Permitting

2401 Aztec Rd NE, Albuquerque NM 87107

505.241.2798



From: Chen, Tiequan <<u>tchen@cabq.gov</u>> Sent: Friday, November 8, 2024 8:15 AM To: Brito, Russell <<u>Russell.Brito@pnmresources.com</u>> Cc: Montoya, Anthony <<u>amontoya@cabq.gov</u>>; Martinez, Richard <<u>richardmartinez@cabq.gov</u>> Subject: [External] Re: Form P: Pre-Approvals/Signatures



Hi Mr. Brito:

Please see answers below.

Thanks!



TIEQUAN CHEN, P.E.

principal engineer, hydrology

development review services

o 505.924.3695

e tchen@cabq.gov

cabq.gov/planning

From: Brito, Russell <<u>Russell.Brito@pnmresources.com</u>> Sent: Thursday, November 7, 2024 4:09 PM To: Chen, Tiequan <<u>tchen@cabq.gov</u>> Subject: Form P: Pre-Approvals/Signatures

[EXTERNAL] Forward to phishing@cabq.gov and delete if an email causes any concern.

Tiequan,

PNM is preparing a Site Plan – Administrative application for a new Energy Storage System at 1401 Innovation Parkway SE in the Sandia Science & Technology Park. I have a few questions:

Would a 90% G&D Plan be sufficient for your review and signature on the form P: Pre-Approvals? - Yes, if the plan was approved by Hydrology. If not, please submit it as conceptual G&D to us for review and approval. Form P evolved to form SP now, I believe. You do need the Planning group approval for sensitive lands analysis prior to Hydrology signature.

And who do we contact at AMAFCA for that approval? Or are you designated to review for AMAFCA? - Please contact Jared Romero, P.E., CFM, Albuquerque Metropolitan Arroyo Flood Control Authority, Drainage Engineer, jromero@amafca.org, (505) 884-2215.

Please provide your guidance.

Thank you,

Russell Brito

Land Use & Permitting Administrator

Environmental Services & Land Use Permitting

2401 Aztec Rd NE, Albuquerque NM 87107

505.241.2798



Hydrology:

•	Grading and Drainage Plan	Approved	NA
•	AMAFCA	Approved	NA
•	Bernalillo County	Approved	NA
•	NMDOT	Approved	NA
•	MRGCD	Approved	NA

Hydrology Department

Date



City of Albuquerque - Planning Department 600 2nd St. NW, Suite 300 Albuquerque, New Mexico 87102 <u>www.cabq.gov/planning</u> <u>planningdepartment@cabq.gov</u>

Updated 11/2/2020

SENSITIVE LANDS ANALYSIS FORM

The following administrative instructions outline submittal requirements that must accompany an application for subdivision of land or site design, as applicable, for sensitive lands (ref. §14-16-5-2 of the IDO). The analysis should be conducted and signed by the professional(s) skilled in that landform, i.e., civil engineer, landscape architect, or geotechnical engineer.

Applications must include:

- 1. An inventory of each sensitive land feature, including:
 - a. Location of features on a scaled map overlaid on an aerial photo;
 - b. Photographs to capture all angles of the feature(s);
 - c. Pertinent dimensional descriptions (see detail in table); and
 - d. Other details (see table).
- 2. For each sensitive land featured, identify those features that will be saved. Identify how the feature will be protected during construction. For any features that will not be saved, provide justification as to why it is not practicable to save this feature.

FEATURE	MAP LOCATION	PHOTOS	DIMENSIONS	OTHER DETAILS
Floodplains and flood	Х			FEMA map, LOMR
hazard areas				
Steep slopes	x	Х	Percentage or vertical to horizontal rise	Description of erosive forces
Unstable soils	X	Х	Geotechnical report ref. existence of clay, blowing sand, and/or high-water table	Description of soil characteristics
Wetlands (constant supply of water)	Х	Х		Description of animal and plant species in ecosystem
Arroyos	x	Х	Historical CFS Side slopes Width and depth	Identify the arroyo in the natural drainage system
Irrigation facilities (acequias)	X	X	Height and width of levee Location of tope of slope Is it a community or MRGCD facility?	Identify the acequia in the irrigation system
Escarpment	Х	Х	Slope Length	Existence of petroglyphs; description of escarpment face
Rock outcroppings	Х	х	Height, length and width	Describe co-existence of trees and shrubs
Large stands of mature trees	X	Х	Trunk caliper by species Number in each cluster Native species and non- native species?	Identify tree species and health *Evaluation of City Forrester required
Archeological sites	X			>5 acres, archeological certificate

The Sensitive Lands Analysis is based on these Comprehensive Plan Goals:

POLICY 11.3.1

Natural and Cultural Features:

Preserve and enhance the natural and cultural characteristics and features that contribute to the distinct identity of communities, neighborhoods, and cultural landscapes. [ABC]

- a) Minimize negative impacts and maximize enhancements and design that complement the natural environment, particularly features unique to Albuquerque, in development and redevelopment in light of the relationship to and effect upon the following:
 - i. Indigenous vegetation and other materials appropriate to landscapes;
 - ii. Topography and landscape features such as arroyos, the Rio Grande and Bosque, the foothills, and escarpments;
 - iii. Soils and erosion potential;
 - iv. Colors and textures of the natural environment; and
 - v. Scenic views from the public right-of-way
- b) Minimize the visibility of structures in highly scenic areas and on the western horizon as seen throughout the city through building design and materials that blend with the natural colors of the landscape and limit reflectivity.
- c) Protect important views from public rights-of-way through regulations on street orientation, site layout, building height, and signs.
- d) Encourage site design that enhances and leverages views to cultural landscapes.
- e) Encourage appropriate edge treatments, transitions, and buffers through site design and development standards for development adjacent to Open Space.
- f) Plat single-loaded streets to maintain scenic edges next to Open Space.
- g) Encourage reconstruction and revegetation to a natural setting.

11.3.1.1 Adopt site development standards and/or view protection overlays for orientation of new streets, building and wall height and placement, massing, frontage, color, signs, utilities, and/or tree preservation as needed to protect cultural landscapes and significant views from the public right-of-way along key corridors. [ABC]

POLICY 11.3.3

Bosque: Regulate development on adjacent lands to preserve and enhance the Bosque as an important cultural landscape that contributes to the history and distinct identity of the region, as well as nearby neighborhoods. [ABC]

- a) Minimize grading, changes to natural topography, and land disturbance to preserve natural features.
- b) Encourage reconstruction and revegetation to a natural setting on lands adjacent to the Bosque.

POLICY 11.3.6

Volcano Mesa: Preserve open space, natural and cultural landscapes, and other features of the natural environment within Volcano Mesa. [A]

- a) Respect Albuquerque's culture and history, including Hispanic and Native American, through context-sensitive development.
- b) Encourage development that is sensitive to the open, natural character of the area and geological and cultural conditions.
- c) Protect important views, vistas, and view corridors from within Volcano Mesa to the Rio Grande basin, across the city of Albuquerque, and to the Sandia Mountains.
- d) Protect the area's natural and archaeological resources, including the Monument and significant rock outcroppings, while encouraging urban development in the Volcano Heights Urban Center to create a vibrant, walkable district with an identity, character, and sense of place inextricably linked to the volcanic landscape.



November 20, 2024

Tiequan Chen, P.E. Principal Engineer, Hydrology c/o CABQ Planning Department via Electronic Mail

Subject: Sensitive Lands Analysis – SI-2024-01606 (1401 Innovation Parkway SE)

Dear Mr. Chen,

Please accept this as the Sensitive Lands Analysis for a Site Plan – Administrative for the Sandia Energy Storage System (ESS) facility.

Attached is a map from AGIS showing flood zones and photos of from the center of the site to the four cardinal directions.

Also attached is a Drainage Modeling Summary that contains specific details about the existing site conditions and the proposed site conditions that are reflected on the Grading and Drainage Plan submitted for your review.

The site has been previously graded and may of the features in the sensitive lands section of the Integrated Development Ordinance (14-16-5-2(C)).

Please let me know if you need any additional information.

Thank you,

Russell Brito Land Use and Permitting Administrator Public Service Company of New Mexico

FEATURE	MAP LOCATION	PHOTOS	DIMENSIONS	OTHER DETAILS
Floodplains and	Х			The site is not in a floodplain or
flood				flood hazard area (see AGIS map
hazard areas				and Drainage Modeling Summary).
Steep slopes	Х	Х	Percentage or vertical to	Previously graded, the site gently slopes gradually to the west and
			horizontal rise	south (see Drainage Modeling Summary).
Unstable soils	Х	Х	Geotechnical report	Site soils are HSGs A (20%) and B
			ref. existence of clay,	(80%) with moderate to high
			blowing sand,	infiltration and low runoff tendency
			and/or high-water table	(see Drainage Modeling Summary).
Wetlands (constant	Х	Х		The site is not located in a wetland
supply of water)				area.
Arroyos	Х	Х	Histori	The site is not located adjacent to
			cal CFS	nor drains to any arroyos.
			Side	
			slopes	
			Width and depth	
Irrigation	Х	Х	Height and width of	The site is not located adjacent to
facilities			levee Location of	nor near any irrigation facilities
(acequias)			tope of slope Is it a	(acequias).
			community or	
			MRGCD facility?	
Escarpment	Х	Х	Slope	The site is not located adjacent to
			Length	nor near any escarpment.
Rock outcroppings	Х	Х	Height, length and width	There are no rock outcroppings on the site.
Large stands of	Х	Х	Trunk caliper by	There are no large stands of mature
mature trees			species Number	trees on the site.
			in each cluster	
			Native species	
			and non-	
			native species?	
Archeological sites	Х			>5 acres, archeological certificate

Flood Plain Information from AGIS



Photos



View North





View South



View East

Project #: _____ Application #: _____

This checklist will be used to verify the completeness of site plans submitted for review by the Planning Department. Because development proposals vary in type and scale, there may be submittal requirements that are not specified here. Also there may additional requirements if a site is located in CPO, HPO, and/or VPO or if located in DT-UC-MS or PT areas. See the IDO or AGIS for boundaries. Nonetheless, applicants are responsible for providing a complete submittal. Certification as specified below is required.

I CERTIFY THAT THE SUBMITTED SITE PLAN IS COMPLETE AND ACCURATE, AND THAT ALL APPLICABLE INFORMATION AS SPECIFIED IN THIS CHECKLIST IS PROVIDED. FURTHER, I UNDERSTAND THAT THIS APPLICATION IS BEING ACCEPTED PROVISIONALLY AND THAT INACCURATE AND/OR INCOMPLETE INFORMATION MAY RESULT IN THE SUBSEQUENT REJECTION OF THE APPLICATION OR IN

A DELAY OF ONE MONTH OR MORE IN THE DATE THE APPLICATION IS SCHEDULED FOR PUBLIC HEARING.

13 January 2025

Applicant or Agent Signature / Date

Site plan packets shall be composed of the following plan sheets (unless otherwise approved in writing prior to submittal by the Planning Department):

- 1. Site Plan (including utilities and easements)
- 2. Landscaping Plan
- 3. Grading and Drainage Plan
- 4. Utility Plan
- 5. Building and Structure Elevations
- 6. **Previously approved Development Plan (if applicable)**

The electronic format must be organized in the above manner.

The following checklist describes the minimum information necessary for each plan element. The Applicant must include all checklist items on their site plan drawings and confirm inclusion by checking off the items below. Non-applicable items must be labeled "N/A." Each non-applicable designation must be explained by notation on the Checklist.

NOTE: There may be addition information required if site is located with a CPO, VPO or HPO and/or any other special areas as defined by the IDO.

<u>NOTE: If there requests for deviations (Section 14-16-6-4(O), they must be clearly labelled on the site plan</u> (Sheet 1) as well as addressed in the application letter made with the submittal.

SHEET #1 - SITE PLAN

A. General Information

X1.Date of drawing and/or last revisionX2Scale: 1.0 acre or less 1" = 10'

 Scale:
 1.0 acre
 or less
 1" = 10'

 1.0 - 5.0 acres
 1" = 20'

 Over 5 acres
 1" = 50'
 5.3 Acres 1=40

 Over 20 acres
 1" = 100'

- <u>×</u> 3. Bar scale
- ×_4. North arrow
- Х 5. Legend
- Scaled vicinity map
- <u>×</u>5. <u>×</u>6. <u>×</u>7. Property lines (clearly identify)
- × 8. Existing and proposed easements (identify each)
- N/A 9. Phases of development, if applicable

B. Proposed Development

1. Structural

- × А. Location of existing and proposed structures (distinguish between existing & proposed) and include any accessory structures
- <mark>×</mark> В. Square footage of each structure There is only one structure that will allow physical entry, we have listed SQFT
- ×_c. Proposed use of each structure
- × D. Signs (freestanding) and other improvements
- <mark>х</mark> Е. Walls, fences, and screening: indicate height, length, color and materials See Wall Detail attachement for details on Wall pattern and color
- × F. Dimensions of all principal site elements or typical dimensions
- N/A G. Loading facilities
- Site lighting (indicate height & fixture type) Included an extra page on site plan showing locations, see lighing study for details on type of fixture. Х Н.
- х I. Indicate structures within 20 feet of site
- N/A J. Elevation drawing of refuse container and enclosure, if applicable.
- <mark>х</mark> К. Existing zoning/land use of all abutting properties

2. Parking, Loading and Internal Circulation

- N/AA. Parking layout with spaces numbered per aisle and totaled. No desginated parking, unmanned facility
 - Location and typical dimensions, including motorcycle spaces, bicycle spaces, ADA 1. accessible spaces, and compact spaces
 - Calculations: spaces required and proposed (include any reduction calculations) for ____2. motorcycle, bicycle, compact and ADA spaces
 - On street parking spaces ____3.
- N/A B. **Bicycle parking & facilities**
 - Bicycle racks location and detail ____1.
 - ____2. Other bicycle facilities, if applicable
- <u>×</u> C. Vehicular Circulation (Refer to DPM and IDO)
 - × 1. Ingress and egress locations, including width and curve radii dimensions
 - N/A 2. Drive aisle locations, including width and curve radii dimensions
 - N/A 3. End aisle locations, including width and curve radii dimensions
 - N<u>/A</u> 4. Location & orientation of refuse enclosure, with dimensions
 - N/A____5. Loading, service area, and refuse service locations and dimensions
- ×____ D. **Pedestrian Circulation**
 - × 1. Location and dimensions of all sidewalks and pedestrian paths (including ADA connection from ROW to building and from ADA parking to building)

- × 2. Location and dimension of drive aisle crossings, including paving treatment
- N/A 3. Location and description of amenities, including patios, benches, tables, etc.

^{N/A} E. Off-Street Loading

Location and dimensions of all off-street loading areas 1.

N/A_F. Vehicle Stacking and Drive-Through or Drive-Up Facilities

- Location and dimensions of vehicle stacking spaces and queuing lanes 1.
- Landscaped buffer area if drive-through lanes are adjacent to public R/W 2.
- Striping and Sign details for one-way drive through facilities ____ 3.

3. Streets and Circulation

- _____A. Locate and identify adjacent public and private streets and alleys.
 - Existing and proposed pavement widths, right-of-way widths and curve radii
 - Identify existing and proposed turn lanes, deceleration lanes and similar features related to the functioning of the proposal, with dimensions
 - N/A _____3. Location of traffic signs and signals related to the functioning of the proposal
 - X 4. X 5. 6. Identify existing and proposed medians and median cuts
 - Sidewalk widths and locations, existing and proposed
 - Location of street lights
 - Show and dimension clear sight triangle at each site access point
 - X 8. Show location of all existing driveways fronting and near the subject site.
- X B. Identify Alternate transportation facilities within site or adjacent to site
 - × _ 1. Bikeways and bike-related facilities
 - X 2. Pedestrian trails and linkages
 - N/A_ 3. Transit facilities, including routes, bus bays and shelters existing or required

4. Phasing

N/A A. Proposed phasing of improvements and provision for interim facilities. Indicate phasing plan, including location and square footage of structures and associated improvements including circulation, parking and landscaping.

SHEET #2 - LANDSCAPING PLAN

- X 1. Scale must be same as scale on sheet #1 Site plan
- _ 2. Bar Scale
- X 3. North Arrow
- X 4. Property Lines
- X 5 Existing and proposed easements Can be found on site plan
- Х 6. Identify nature of ground cover materials
 - ×____A. Impervious areas (pavement, sidewalks, slope pavings, curb and gutters, etc.)
 - Х В. Pervious areas (planting beds, gravel areas, grass, ground cover vegetation, etc.)
 - X C. Ponding areas either for drainage or landscaping/recreational use No other than found grading and drainage

- X 7. Identify type, location and size of plantings (common and/or botanical names).
 - X A. Existing, indicating whether it is to preserved or removed.
 - X B. Proposed, to be established for general landscaping.
 - X C. Proposed, to be established for screening/buffering.
- X 8. Describe irrigation system Phase I & II . . .
- <u>×</u> 9. Planting Beds, indicating square footage of each bed
- <u>N/A</u> 10. Turf Area only 20% of landscaped area can be high water turf; provide square footage and percentage.
- X 11. Responsibility for Maintenance (statement)
- X 12. Landscaped area requirement; square footage and percent (specify clearly on plan)
- × 13. Landscaped buffer areas provided; dimensions, label clearly that it is a landscape buffer, square footage and percent (specify clearly on plan)
- X 14. Planting or tree well detail
- X 15. Street Trees (only trees from the Official Albuquerque Plant Palette and Sizing list or 8 inch caliper or larger will be counted)
- N/A 16. Parking lot edges and interior calculations, dimensions and locations including tree requirements
- 17. Show Edge Buffer Landscaping (14-16-5-6(D)) location, dimensions and plant material

SHEET #3 – GRADING AND DRAINAGE PLAN

A separate grading and drainage plan (and drainage report) must be submitted to the DRS Hydrology Section prior to the DRB submittal for a site plan (See DRWS Form).

A. General Information

- 1. Scale must be same as Sheet #1 Site Plan
- X 2. Bar Scale
- X 3. North Arrow
- X 4. Property Lines
- X 5. Existing and proposed easements See Site plan for easement details
- N/A 6. Building footprints No buildings exist by electrical equipment pads are pictured
- X 7. Location of Retaining walls

B. Grading Information

- 1. On the plan sheet, provide a narrative description of existing site topography, proposed grading improvements and topography within 100 feet of the site.
- 2. Indicate finished floor elevation and provide spot elevations for all corners of the site (existing and proposed) and points of maximum cut or fill exceeding 1 foot.
- X 3. Identify ponding areas, erosion and sediment control facilities.
- X 4. Cross Sections

Provide cross section for all perimeter property lines where the grade change is greater than 4 feet at the point of the greatest grade change. Provide one additional cross section in each direction within no more than 100 feet of the reference point.

SHEET #4- UTILITY PLAN

- X A. Fire hydrant locations, existing and proposed. (or submit signed off Fire One Plan)
- X B. Distribution lines
- X C. Right-of-Way and easements, existing and proposed, on the property and adjacent to the boundaries, with identification of types and dimensions. See Site plan for easement details
- Unmanned site has no onsite D. Existing water, sewer, storm drainage facilities (public and/or private).
- X E. Proposed water, sewer, storm drainage facilities (public and/or private). E. Proposed water, sewer, storm drainage facilities (public and/or private). E. Evicting planted only for landscaping outside of Wall.
- X F. Existing electric lines both overhead and underground. Power Poles shown with dimensions to
- proposed buildings and structures must be clearly shown. No building are proposed, site will only contain utility scale electrical equipment.

SHEET #5 - BUILDING AND STRUCTURE ELEVATIONS

A. General Information N/A There are no buildings planed on the site, the site will consist of a Swithyard, Relay Enclosure, Battery Containers, and Inverters. The site is unmanned; no water, no sewer and no living facilities of any kind exitst on site.

- N/A A Scale
- N/AB. **Bar Scale**
- N/A_C. Detailed Building Elevations for each facade
 - Identify facade orientation 1.
 - Dimensions of facade elements, including overall height and width 2.
 - Location, material and colors of windows, doors and framing _____3.
 - Materials and colors of all building elements and structures ____4.
 - Location and dimensions of mechanical equipment (roof and/or ground mounted) ____5.

B. Building Mounted Signage See Sandia Project Sinage Document

- X 1. Site location(s)
- X 2. Sign elevations to scale
- Х_{З.} Dimensions, including height and width
- ×_4. Sign face area - dimensions and square footage clearly indicated
- × 5. Lighting
- <mark>Х</mark>_6. Materials and colors for sign face and structural elements.
- ×_7. List the sign restrictions per the IDO



January 9, 2025

City of Albuquerque Development Facilitation Team 600 Second Street NW Albuquerque NM 87102

Subject: Site Plan Administrative - Sandia Energy Storage System – 16-6-5(G)(3)

Dear DFT Members,

Public Service Company of New Mexico (PNM) respectfully requests approval of a Site Plan – Administrative for the Sandia Energy Storage System (ESS) located in the Sandia Science & Technology Park (SS&TP). Modern society depends on safe and reliable electric service to protect the health, safety, and welfare of residents, businesses, and institutions.

The State of New Mexico recently adopted the Energy Transition Act (ETA) that requires all energy generation to be emissions-free by 2045. PNM is leading the way to a carbon free future in New Mexico and PNM's corporate goal is to fully achieve this transition to renewable generation by 2040. To meet this goal, PNM is retiring its dated carbon resources and investing in new renewable energy generation and complementary energy storage.

The Project

The Sandia ESS Project is a PNM owned 60MW 4Hour resource approved by the New Mexico Public Regulation Commission (NMPRC) as one of the replacement resources for the retired San Juan Generating Station. The resource will interconnect to the existing Sandia Substation to store excess renewable generation on the system and help serve the increasing loads of the Southeast quadrant, Sandia National Labs, and the Sandia Science & Technology Park (SS&TP).

Site Location and Zoning

The subject site is at 1401 Innovation Parkway SE in the SS&TP at the intersection of Gibson Ave. and Innovation Parkway. Per the City's Integrated Development Ordinance (IDO), Energy Storage Systems (ESSs) are permissive land uses in all Zone Districts, including the subject site's NR-BP (non-residential business park) Zone District.

Land Ownership

PNM owns the site, TR F-2A PLAT OF TRACTS F-2A AND F-2B SANDIA SCIENCE &TECHNOLOGY PARK (A REPLAT OF TRACT F-2, SANDIA SCIENCE ANDTECHNOLOGY PARK) CONT 5.3533 AC.

Project Description

The Sandia ESS is a state-of-the-art facility that will increase the reliability of the Sandia load center by providing immediately available energy storage. Due to the importance of the loads the Sandia Substation serves, this location has been identified for the first PNM owned transmission interconnected battery facility. This 5.3-acre ESS facility located at Gibson Blvd and Innovation Parkway is approximately ½ mile to the north of the existing Sandia Substation, which is also located in the SS&TP.

The Sandia ESS will consist of 72, 20' long battery containers with each housing 530AH of rechargeable lithium-ion batteries, together capable of acting as 60MW of controllable load for a duration of 4 hours. The batteries represent the newest generation in Lithium-Ion battery systems and provide a robust and reliable storage solution that fits the growth profile. These batteries will employ that latest safety, control, and regulation equipment available on the market today.

The site will be surrounded by a 12' tall ballistic rated wall that will comply with PNM standards and will visibly shield the energy containers behind the wall. The wall is aesthetically pleasing and provides an appropriate backdrop for the adjacent types of properties. The site will also house various transformers, inverters, communication enclosures and other utility scale electrical equipment which will not extend above the elevation of the wall and cannot be seen from street level.

The only structures that will be visible above the wall be the buss-works and tower structures that interconnects to the 115KV High Voltage line. The wall also ensures any electrical equipment sounds are contained and the site remains conducive to the business nature of the immediate neighbors. The site is designed to be unmanned and controlled remotely, therefore, except for construction, there will not be any daily PNM traffic or trucks regularly accessing the site.

6-5(G) Site Plan – Administrative

This application for Site Plan – Administrative meets all of the Review and Decision Criteria contained in 6-5(G)(3):

6-5(G)(3)(a) The Site Plan complies with all applicable standards in this IDO, the DPM, other adopted City regulations, and any conditions specifically applied to development of the property in a prior permit or approval affecting the property.

Response:

The site plan depicts an ESS facility designed per the IDO's applicable Use Specific Standards (USS) 14-16-4-3(E)(9):

- (a) The facility is surrounded by a 12 feet high perimeter security wall, cast-in-place with pilasters at least every 20 feet and is set back at least 10 feet to allow a landscaped buffer area per (4-3(E)(9)(b).
- (b) Landscaped buffer area.
 - 1. There is at least 1 tree for every 25 feet along the lot line.
 - 2. The landscaped buffer complies with the safety and maintenance requirements for an ESS as follows:

- a. A 115KV Monopole transmission line is proposed to interconnect to the site along the West side of the property and proceed due South to the Sandia Substation. For maintenance and ongoing safety purposes on the private west side of the site, a surface of crushed rock without any vegetation under the HV lines helps ensure the safe operation and maintenance of the facility.
- b. The site is encumbered by an access easement on the south/southwest side of the site that benefits the abutting property. To avoid encumbering this easement, trees from this area and the west side of the site are moved to the north and east public facing sides of the site. The sidewalks along Gibson and Innovation Parkway and the intersection of these streets benefit from these "reallocated" trees from the west and south/southwest sides of the site. This will result in a very pleasing, public-facing frontage for this new ESS facility while maintaining the safety and maintenance requirements for this ESS.
- 3. The site is not in a Residential zone district.
- 4. The landscape buffer is at least 10 feet wide
- (c) All onsite utility lines and associated equipment is underground or pad mounted, except the main service connections and new interconnection equipment, including transmission poles.
- (d) This project is a new ESS and not an expansion.
- (e) PNM will remove all ESS facilities not in use for 1 year within the following six months and will revegetate the site and notify the City when removal of the ESS occurs.
- (f) This use is on the same premises as a substation located inside the same perimeter security wall. The Site Plan meets all USSs for Substations, which mirror but are fewer and less detailed than those for an ESS.
- (g) No geothermal energy use.
- (h) No solar generation use.
- (i) No wind energy use.
- (j) Not in a Residential zone district.

The proposed curb cut from Gibson Blvd, the new sidewalks and pedestrian ramps along Gibson Blvd and Innovation Parkway, and the grading and drainage plan are designed per the applicable standards from the Development Process Manual (DPM).

There is no prior permit or approval for this site.

6-5(G)(3)(b) The City's existing infrastructure and public improvements, including but not limited to its street, trail, drainage, and sidewalk systems, have adequate capacity to serve the proposed development or the applicant has agreed to install required infrastructure and public improvements pursuant to Subsection Subsection 14-16-1-7(B)(2) and 14-16-5-4(N) and/or a signed an Infrastructure Improvements Agreement (IIA) pursuant to Subsection 14-16-5-4(O) to add adequate capacity.

Response:

This project will install sidewalks and ramps per DPM standards and will comply with all drainage requirements as detailed on the Grading and Drainage Plan. PNM agrees to install this required infrastructure and public improvements per an IIA.

6-5(G)(3)(c) If the subject property is within an approved Master Development Plan, the Site Plan shall meet any relevant standards in the Master Development Plan in addition to any IDO standards applicable in the zone district the subject property is in.

Response:

There are no buildings and there will be no public access to this facility. The Site Plan design meets the relevant standards of the Sandia Science & Technology Park Master Plan, including:

Streetscape and Landscape treatments: The landscaping plan is designed to conform to the local vegetation and aesthetic requirements of the IDO, the Sandia Science & Tech Park Master Plan, and surrounding infrastructure. A winding sidewalk will continue from the adjacent properties through a canopy of trees and irrigated vegetation on each side of the sidewalk along the Gibson Blvd and Innovation Parkway frontages.

Screening/Buffering: The facility is surrounded by a 12 feet high perimeter security wall, cast-inplace with pilasters at least every 20 feet and is set back at least 10 feet to allow a landscaped buffer area. The internal, utility-scale equipment is screened from pedestrians and motorists.

Signage: As there will be no public access, there are no monument or advertising signs proposed for this ESS facility. Building mounted safety and identification signage is proposed at the entry gate area from Gibson Blvd, intended for visibility to Albuquerque Fire and Rescue and other first responders (please see approved Fire 1 Plan).

6-5(G)(3)(d) If the subject property is within an approved Framework Plan, the Site Plan shall meet any relevant standards in the Framework Plan in addition to any IDO standards applicable to the type of development.

<u>Response</u>: The property is not within an approved Framework Plan.

Conclusion

PNM requests approval of this Site Plan for the Sandia ESS because it meets all relevant SS&TP, DPM, and IDO design standards per the applicable IDO Review and Decision Criteria.

Sincerely,

Russell Brito Land Use and Permitting Administrator Public Service Company of New Mexico



Tim Keller, Mayor Sarita Nair, CAO

City of Albuquerque

P.O. Box 1293 Albuquerque, NM 87103 **Planning Department** Alan Varela, Interim Director

DATE: November 25, 2024

SUBJECT: Albuquerque Archaeological Ordinance - Compliance Documentation

Case Number(s):	PR-2024-011242 SI-2024-01644
Agent:	
Applicant:	PNM
Legal Description:	R F-2A PLAT OF TRACTS F-2A ANDF-2B SANDIA SCIENCE & TECHNOLOGY PARK
Zoning:	NR-BP
Acreage:	5.35
Zone Atlas Page(s):	M-21-Z

CERTIFICATE OF NO EFFECT:	Ves Yes	No
CERTIFICATE OF APPROVAL:	Yes	V No

SUPPORTING DOCUMENTATION:

Historic Google Earth Images, ARMS/NMCRIS Records

SITE VISIT: N/A

RECOMMENDATIONS:

ARMS/NMCRIS records show the property was surveyed under NMCRIS 35346 with no significant finds, therefore

CERTIFICATE OF NO EFFECT ISSUED-under 6-5(A) (3)(a) criterion 1 "an archaeological investigation has been conducted..."

SUBMITTED BY:

11-25-2024

Douglas H. M. Boggess, MA, RPA Date Senior Principal Investigator Acting City Archaeologist Lone Mountain Archaeological Services, Inc.

SUBMITTED TO:

Planning, Development Services

DFT SIGN POSTING AGREEMENT – A PUBLIC NOTICE REQUIREMENT

All development applications are required to complete public notice under the Integrated Development Ordinance, Section 6-1, Table 6-1-1. <u>https://www.cabq.gov/planning/codes-policies-regulations/integrated-development-ordinance-1</u> All applicants are obligated to satisfy all of the public notice requirements, i.e., sending email notifications, mailing notices, and posting signage on the subject property. **This form covers posting signs.** Adherence to sign posting requirements will inform the public of a proposed project and relevant project details.

Signs should be picked up at the Development Review Services office, located at 600 2nd St in the Plaza Del Sol building. Signs are available upon the acceptance of the application. The cost for the signs is included in the project application fee. It is critical that the signs be prominently located and clearly visible without any obstructions from each street frontage.

Applicants are responsible to maintain posting from time of application through the appeal period (15 days following a final decision on the application). Signs must be posted within 3 days of application acceptance and remain for at least 15 days. Evidence of the sign posting must also be provided within 3 days. In addition, applicants must ensure that required signs are in place during the 15-day appeal period after the project approval. Evidence of posting includes: Time stamped photographs of the sign at the location must be submitted as a supplement to the application.

Failure to install or replace the signs during the required timeframe may result in your application being deferred.

LOCATION

A. The sign shall be conspicuously located, i.e, within twenty feet of the public sidewalk (or edge of a street).

B. The face of the sign shall be parallel to the street.

C. No barrier shall prevent a person from coming within five feet of the sign to read it.

NUMBER

A. One sign shall be posted on each street frontage.

B. If the land does not abut a public street, a sign shall be placed at the edge of the public right-of-way of the nearest paved street, in addition to the sign placed on the property.

PHYSICAL POSTING

A. A heavy stake with two crossbars or a full plywood backing works best to keep the sign in place, especially during high winds.

B. Large nails or staples are best for attaching signs to a post or backing; the sign tears out less easily.

I have read and understand all of the public notice requirements. By my signature, I acknowledge that: I understand (A) I have read the sign posting requirements; (B) I understand my obligation to keep the signs posted for (15) days at the time of application, and (15) days after application approval, (C) where/how the sign(s) should be posted, and (D) agree to provide evidence of posting.

I further certify that the required public notice signs were posted per the instructions above.

SIGNATURE & DATE: Flat

13 January 2025

PROJECT NUMBER & ADDRESS:

PR-2024-011242 1401 Innovation Parkway SE 87123

From:	Flores, Suzanna A.
To:	Brito, Russell
Subject:	[External] 1401 INNOVATION PKWY SE _Public Notice Inquiry Sheet Submission
Date:	Tuesday, January 7, 2025 11:18:18 AM
Attachments:	image001.png
	Sandia ESS - Zone Atlas M-21.pdf



Dear Applicant:

As of January 7, 2025 there are **NO** neighborhood associations to notify. You will need to attach a copy of this e-mail from the Office of Neighborhood Coordination (ONC) to your application when you submit it to the Planning Department.

Please note that the ONC does not have any jurisdiction over any other aspect of your application beyond this neighborhood contact information. We can't answer questions about sign postings, pre-construction meetings, permit status, site plans, buffers, or project plans, so we encourage you to contact the Planning Department at: 505-924-3857 Option #1, e-mail: <u>devhelp@cabq.gov</u>, or visit: <u>https://www.cabq.gov/planning/online-planning-permitting-applications</u> with those types of questions.

Thank you,

Suzie



Suzie Flores Senior Administrative Assistant

Office of Neighborhood Coordination (ONC) | City Council Department | City of Albuquerque (505) 768-3334 Office E-mail: <u>suzannaflores@cabq.gov</u> Website: <u>www.cabq.gov/neighborhoods</u>

From: webmaster@cabq.gov <webmaster@cabq.gov>
Sent: Tuesday, January 7, 2025 9:19 AM
To: Office of Neighborhood Coordination <Russell.Brito@pnm.com>
Cc: Office of Neighborhood Coordination <onc@cabq.gov>
Subject: Public Notice Inquiry Sheet Submission

[EXTERNAL] Forward to phishing@cabq.gov and delete if an email causes any concern.

Public Notice Inquiry For: Administrative Decision If you selected "Other" in the question above, please describe what you are seeking a Public Notice Inquiry for below: Contact Name Russell Brito Telephone Number 5052412798 Email Address Russell.Brito@pnm.com

Company Name

PNM Company Address 2401 Aztec Rd NE City Albuquerque State NM ZIP 87107 Legal description of the subject site for this project: TR F-2A PLAT OF TRACTS F-2A AND F-2B SANDIA SCIENCE & TECHNOLOGY PARK (A REPLAT OF TRACT F-2, SANDIA SCIENCE AND TECHNOLOGY PARK) CONT 5.3533 AC Physical address of subject site: 1401 INNOVATION PKWY SE ALBUQUERQUE NM 87123 Subject site cross streets: Gibson Blvd / Innovation Parkway Other subject site identifiers: This site is located on the following zone atlas page: M-21 Captcha Х