#### **APPLICATION INDEX**

- 01 Application
- 02 Owner Authorization
- 03 Justification Letter
- 04 Plans

#### **01 APPLICATION**





Community Development—Planning

1000 Central Ave, Suite 150 Los Alamos, NM 87544 505.662.8120 planning@lacnm.us

#### **DEVELOPMENT APPLICATION**

PROJECT INFORMATION	
Title:	
Project Address:	
Description:	
•	Site Plan* \$500 plus \$75 per/Million \$ estimated construction cost  Estimated Construction Cost:  Major Site Plan Amendment* \$500  Minor Site Plan Amendment \$250  Major Zone Map Amendment* \$150  No fee if initiated by County Council or County Manager  Minor Zone Map Amendment* \$150  No fee if initiated by County Council or County Manager  Master Plans* (Major, Minor) \$250  Text Amendment* \$150  No fee if initiated by County Council or County Manager  Variance \$250  No fee if application is a part of a Site Plan review  Administrative Wireless Telecommunication Facility \$250  Discretionary Wireless Telecommunication Facility* \$500  Small Wireless Facility \$250  Major Historic Demolition* \$250  Major Historic Property Alteration Certification* \$250  Minor Historic Property Alteration Certificate \$250
Lighting Plan\$500	
* Application reviews requi	re a pre-application meeting.

PROPERTY & OWNER INFORMATION	
Property	
Address:	ity State ZIP
Zoning District:	Lot Size - Acres / Sq. Ft.:
Existing Structure(s) Sq. Ft.:	Lot Coverage: %
Property Owner(s) Name:	
Owner(s) Email:	
Owner(s) Phone(s)#:	
Owner's Address same as Property Address	
Owner(s)	
Address:	Tity State ZIP
APPLICANT / OWNER'S AGENT INFORMATION	
Applicant is same as Owner	
Applicant Name:	
Applicant	
Address:	State ZIP
Applicant Email:	
Applicant Phone(s)#:	
ASSOCIATED APPLICATONS	
Application Type:	
Case Number:	
I hereby certify and affirm, under penalty of perjury, the accurate to the best of my knowledge, information, and	at the information I have provide in this application is true and belief. [NMSA 1978, §30-25-1]
Signature:	Date:
STAFF USE ONLY	
Date Received:	Staff:
Case No.#:	Meeting Date:
SUBMITTALS	
<ul><li>☐ Proof of Ownership or</li><li>Letter of Authorization from Owner</li><li>☐ Items from associated Application Checklist</li></ul>	Complete Application – Date: Payment – Accepted upon verification of a complete application - Date:

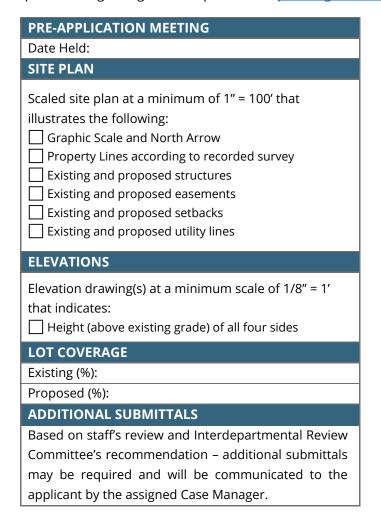


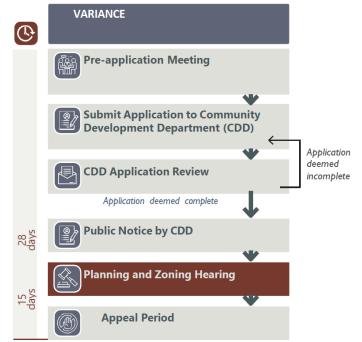
Community Development—Planning

1000 Central Ave, Suite 150 Los Alamos, NM 87544 505.662.8120 planning@lacnm.us

#### VARIANCE CHECKLIST

Applicants for all development application reviews must complete this checklist and submit it with the Development Application. Refer to the referenced code sections for additional information. Contact the Planning Division with questions regarding these requirements: <a href="mailto:planning@lacnm.us">planning@lacnm.us</a>.





See Reverse.

# **DECISION CRITERIA 16-74-(g)(3)** a. The variance will not be contrary to the public safety, health, or welfare. Explain. Staff finds that this criterion has been met Staff finds that this criterion has not been met – more information is needed b. The variance request will not undermine the intent of the Development Code, the applicable zone district, other County adopted policies or plans, or violate the Building Code. Explain. ☐ Staff finds that this criterion has been met Staff finds that this criterion has not been met – more information is needed c. Granting of the variance will not cause an intrusion into any utility or other easements unless approved by the owner of the easement. Explain. Staff finds that this criterion has been met Staff finds that this criterion has not been met – more information is needed

	DECISION CRITERIA 16-74-(g)(3)
d.	The variance request is caused by an unusual physical characteristic or hardship inherent in the lot or lot improvements and that the peculiarity or hardship is not self-imposed. Explain.
	Staff finds that this criterion has been met  Staff finds that this criterion has not been met – more information is needed
e.	The variance will not create any significant adverse impacts on properties within the vicinity. Explain.
 	Staff finds that this criterion has been met  Staff finds that this criterion has not been met – more information is needed
f.	Granting of the approved variance is the minimum necessary easing of the Code requirements making possible the reasonable use of the land, structure, or building. Explain.
 	Ctaff finds that this system has been met
-	Staff finds that this criterion has been met  Staff finds that this criterion has not been met – more information is needed

Attach additional sheets, if needed.

#### **02 OWNER AUTHORIZATION**

October 31, 2024

Desirae Lujan Senior Planner Los Alamos County Community Development 1000 Central Ave Suite 150 Los Alamos, NM 87544

Re: UC Guest House Application Submittal - Authorization Letter

400 Trinity

Los Alamos, New Mexico 87544

Dear Desirae Lujan,

The purpose of this letter is to authorize Dekker to act as our Agent on the submittal to the County for Site Plan approval for UC Guest House in Los Alamos, NM. If you have any questions or need clarification of anything contained herein, please contact me via email at <a href="mailto:tsharp@oceanrockcp.com">tsharp@oceanrockcp.com</a> or by phone at 310.854.2771.

Sincerely,

D. Tucker Sharp

Managing Member

Grand Mesa Partners 400 Trinity

Drive Hilltop Owners LLC



Community Development—Planning

1000 Central Ave, Suite 150 Los Alamos, NM 87544 505.662.8120 planning@lacnm.us

Case	No.			

#### **OWNER AFFIDAVIT**

(Authorizing an agent to act on behalf of a	property owner when making a land development application.)
STATE OF NEW MEXICO COUNTY OF LOS ALAMOS	) ) ss. )
plan; variance; zone change; subdivision; s facility; historic property; or development p Furthermore, (I) (we) hereby appoint Rebecca	perty located at, legally described as, for which (I am) (we are) requesting a miditional use permits; sketch, preliminary and final plats; site summary plat; temporary use permit; telecommunication plans) through the County of Los Alamos, New Mexico.
Subscribed and sworn to before me this  Bth day of Wovember, 20 24.  Place Sle affacted  Notary Public	My Commission Expires:

#### **CALIFORNIA JURAT**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California County of Los Angeles	
	Subscribed and sworn to (or affirmed) before me on this 8th day of Normber, 2014, by Month  T. Sharp  (1)
MICHAEL M. JARRARD Notary Public - California Los Angeles County Commission # 2378668 My Comm. Expires Oct 16, 2025	(and (2)).  Name(s) of Signer(s)
Place Notary Seal and/or Stamp Above	proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.  Signature  Signature of Notary Public
OP1	IONAL
	deter alteration of the document or form to an unintended document.
	Afficiant  Number of Pages:
Signer(s) Other Than Named Above:	

©2019 National Notary Association

#### LEGAL DESCRIPTION OF PROPERTY

Street Address: 400 Trinity Drive, Los Alamos, New Mexico 87544

Legal Description:

Consolidated Tract S, Eastern Area 2, as shown on plat entitled "#400 Trinity Drive Boundary and Class A ALTA/ ACSM Land Title Survey Prepared for the Hilltop House, LLC...", recorded on September 23, 2005, in Book 131, page 810, as Document No. 185925.

#### **03 JUSTIFICATION LETTER**

January 29, 2025

To: Desirae Lujan, Community Development Senior Planner Los Alamos County Community Development Department 1000 Central Ave Suite 150 Los Alamos. NM 87544

Re: The Guest House Hotel - Variance Request

400 Trinity Rd, Los Alamos, NM 87544

Dear Ms. Lujan,

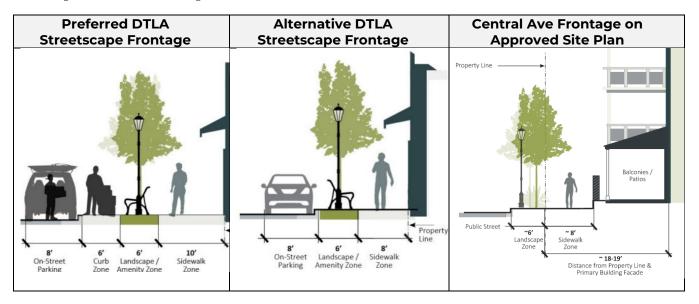
Dekker, as the agent for the owners of 400 Trinity Drive in Los Alamos, is requesting a Variance and an Administrative Site Plan Amendment to alter the streetscape configuration of the DTLA district along Central Avenue to facilitate the development of The Guest House Hotel at 400 Trinity Road.

The Guest House Hotel serves as a welcoming gateway to the Los Alamos Downtown district, located on an approximate 1.8-acre lot at the juncture of Central Avenue and Trinity Drive. This thoughtfully designed three-story, 60-unit hotel -offering short and extended stay options – transforms a blighted parcel at the forefront of downtown Los Alamos into a vibrant space. By revitalizing this key location, the project creates a welcoming sense of arrival for visitors, professionals, and residents alike.

The Guest House Hotel will showcase the unique aesthetic of northern New Mexico, with a design that complements the character of Los Alamos. The Guest House is tailored to meet a diverse array of visitors' needs with private suite with kitchenettes to shared kitchenettes, a guest amenity including a 3<sup>rd</sup> floor terrace with scenic views, bocce ball court, fire pit, and inviting outdoor seating and gathering areas fostering the essence of community and relaxation. A conference space just under 1,000 square feet located on the first floor is available for booking to the public and residents. The conference space is an ideal venue for local events and gatherings, enhancing its role in the community. As a new destination for short and long-term stay visitors, The Guest House Hotel aims to create a vibrant sense of arrival into downtown Los Alamos.

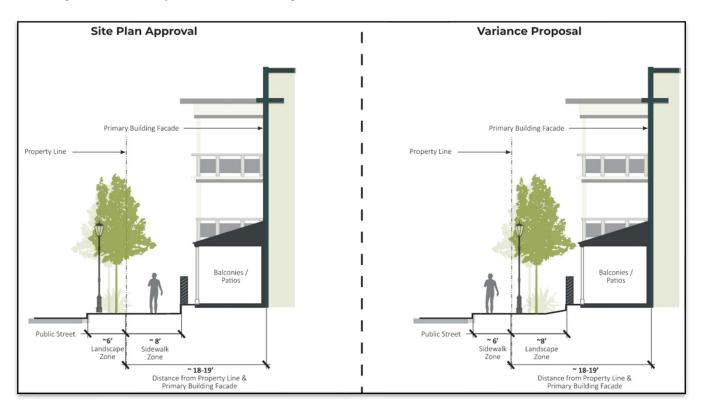
The subject site is located within the Downtown Los Alamos (DTLA) Zone District. The DTLA zone district lays out a variety of district development standards including streetscape standards. Streetscape frontage design standards of §16-6(c)(3) of the County's Development Code call, to the greatest extent feasible, for conditions to mimic the layout further west along Central Avenue with on-street parking, a curb zone directly adjacent to the back of curb, landscape / amenity zone, and a sidewalk zone directly adjacent to the property line that is intended to interact with adjacent commercial frontage. The Site Plan for The Guest House Hotel, approved by the Planning and Zoning Commission on January 8, 2025, contains a condition similar to the alternative DTLA Streetscape Frontage featuring a 6-foot landscape strip along Central Avenue and an 8-foot sidewalk within the property line adjacent to the building facades, depicted in Figure 1 of this letter.

Figure 1 DTLA Street Frontage



The applicant is seeking a variance to the streetscape design requirements of the DTLA zone district; we propose to flip the landscape and sidewalk, with a 6-foot sidewalk adjacent to the curb and an 8-foot landscape zone adjacent to the hotel patios walls, as illustrated below in Figure 2.

Figure 2 Variance Proposed Central Ave Frontage



The requested variance is needed to accommodate several site constraints, including the property's small lot size, irregular shape, and corner location at the intersection of Central Avenue and Trinity Drive near the roundabout, and guest privacy concerns. The requested variance would also help align this segment of Central Avenue streetscape with the sidewalk improvements directly east of the site that are associated with the roundabout.

The site's unique characteristics and position at a busy intersection limit the flexibility needed to comply with DTLA streetscape frontage design standards along Central Avenue. As a corner lot at the intersection of two major roads, adjacent to a roundabout, the property faces spatial constraints that challenge adherence to required streetscape elements. Specifically, the limited lot depth and width prevent the incorporation of necessary building setbacks, grade changes, , and other streetscape features while maintaining functional site circulation, emergency access, and guest privacy.

Adding to the complexity, there is an approximately 4-foot grade change between the northeastern property line and the building's main frontage. This elevation difference requires a retaining wall for a portion of the northern property line between the Site Plan approved sidewalk and the building, which conflicts with the prescribed DTLA streetscape design. Combined with the site's size, irregular shape, and proximity to the roundabout, these factors make full compliance with the streetscape frontage requirements along Central Avenue unachievable.

If implemented as prescribed by the DTLA zone district, the streetscape design would position the sidewalk directly adjacent to ground-level patios, creating privacy concerns for hotel guests. While the DTLA district's streetscape frontage Central Avenue design standards seek to extend the design eastward, the proposed hotel serves a fundamentally different purpose than the ground-floor retail spaces west of 15th Street, which the standards were designed to support. Those retail spaces are intentionally positioned to abut the street and promote pedestrian interaction and activation. In contrast, the hotel requires greater separation to provide guests with the privacy and residential-like atmosphere essential to its use.

Despite these challenges, the requested variance upholds the intent of the DTLA zoning district standards by prioritizing a functional and inviting pedestrian environment while accommodating the unique requirements of the site constraints. The following outlines how the proposal aligns with the decision criteria for variances as defined in Los Alamos County Code of Ordinances  $\S$ 16-74-(g)(3).

#### a. The variance will not be contrary to the public safety, health, or welfare.

Applicant Response: The proposed development does not compromise public safety, health, or welfare. The adjustments to the street frontage design maintain a safe and accessible pedestrian environment while accommodating the unique needs of The Guest House Hotel. The revised design preserves clear and unobstructed pedestrian pathways and ensures emergency access to and from the property. Additionally, the new design eliminates the need for a harsh line of a retaining wall, allowing a sloped grade with aesthetically pleasing landscaping. The revised landscaping improvements within the landscape buffer zone adjacent to the sidewalk will further enhance the area by creating a more pleasant and shaded condition than currently exists, contributing to a more comfortable and welcoming pedestrian experience. Moreover, by addressing privacy concerns for hotel guests, the variance enhances the overall well-being of residents and visitors without introducing risks or hazards to the public realm. These adjustments strike a balance between maintaining pedestrian functionality and meeting the operational needs of a hospitality-focused development, ensuring that both safety and aesthetic improvements are prioritized.

#### b. The variance request will not undermine the intent of the Development Code, the applicable zone district, other County adopted policies or plans, or violate the Building Code.

**Applicant Response:** The variance request will not undermine the intent of the Development Code, the DTLA zone district, or other County adopted policies or plans, and does not violate the Building Code. The DTLA district streetscape requirements are designed to create a pedestrianoriented experience that enhances the urban environment. The proposed development, while incorporating adjustments, continues to meet the primary intent of these streetscape standards by maintaining a functional and inviting pedestrian realm. The requested variance accommodates the unique constraints of the site, including its proximity to the roundabout, which limits the ability to fully comply with the street frontage requirements. Despite these challenges, the variance ensures that the streetscape will still provide a safe, accessible, and pleasant environment for pedestrians, aligning with the overarching goal of the DTLA district to create vibrant, walkable, urban spaces. Furthermore, the proposed landscaping buffer adjacent to the sidewalk will enhance the pedestrian experience by providing shaded areas and a visually appealing environment, thus continuing to support the intent of the streetscape standards. Additionally, the project complies with the County Public Works Design and Construction Standards Code §3.9, which requires 6-foot-wide sidewalks, ensuring that the proposal adheres to the required sidewalk width while accommodating the necessary design adjustments. This approach strikes a balance between the regulatory standards and the unique circumstances of the site, ensuring that public safety, comfort, and aesthetic quality are preserved.

#### c. Granting of the variance will not cause an intrusion into any utility or other easements unless approved by the owner of the easement.

Applicant Response: Granting of the variance will not cause an intrusion into any utility or other easements. The approved Site Plan required a Condition of Approval that any portions of the sidewalk located on private property be dedicated to the County. The proposed variance, which moves the sidewalk closer to the street, significantly reduces the need for a County dedication or easement. The only exception is a small portion on the northeastern side of the sidewalk, where the property line intersects with newly constructed curb and sidewalk built as part of the roundabout project. For this small area, the property owner would establish an easement, ensuring compliance with all relevant easement and utility regulations. This adjustment has been carefully designed to avoid any adverse impacts on existing easements, and no encroachment into utility or other easement areas will occur without the necessary approvals from the easement owner. The proposed changes ensure that utility access, pedestrian flow, and public infrastructure will remain unaffected, while also complying with all necessary easement requirements. Please see the graphic below of Figure 3 for a detailed view of the location.

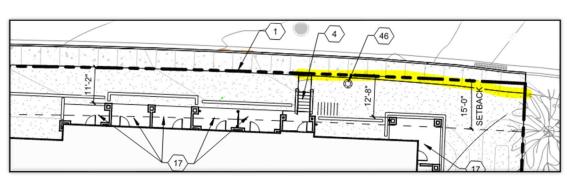


Figure 2 Variance Proposed Central Ave Frontage

d. The variance request is caused by an unusual physical characteristic or hardship inherent in the lot or lot improvements and that the peculiarity or hardship is not self-imposed.

**Applicant Response:** The variance request arises from the unique challenges posed by the subject parcel's small size, irregular shape, location near a roundabout and significant grade changes, which create inherent difficulties in meeting the strict requirements of the DTLA zone district. The property is only 1.8 acres, which places limitations on how the site can be developed while meeting the full range of zoning requirements, including sidewalk, landscaping, and parking standards. The property's location at the inter§ of Central Avenue and Trinity Drive further exacerbates these constraints, as its corner placement creates additional spatial challenges that limit design flexibility.

Additionally, the site is impacted by grade changes that complicate the placement of infrastructure such as sidewalks and landscaping that meet typical streetscape standards, which do not account for parcels with varying grade levels. The combination of a small parcel size, irregular shape, and challenging topography leaves little room for flexibility in meeting the required setbacks and streetscape frontage conditions without compromising the functionality of the site or the quality of the development.

The property is further constrained when landscape coverage and parking requirements are factored in, while also providing guests with on-site amenities to the maximum extent feasible, as described in §16-6(c)(3)(b), Site Design. The requested variance ensures that these operational needs are met without compromising the intent of the Development Code or the overall quality of the urban environment. The hardship is not self-imposed but is rather a consequence of the site's unique configuration and location within the DTLA zone.

e. The variance will not create any significant adverse impacts on properties within the vicinity.

**Applicant Response:** The variance will not create any significant adverse impacts on properties within the vicinity. The proposed alignment makes a better connection of the streetscape to the east associated with the roundabout improvements. The proposed streetscape will also transition on the west side to coordinate with proposed streetscape improvements on the approved Mari Mac site. There are no anticipated adverse effects on pedestrian safety, property access, or the overall functionality of the surrounding area. Additionally, the variance aligns with the broader goals of the area's development framework, ensuring harmony with adjacent properties.

f. Granting of the approved variance is the minimum necessary easing of the Code requirements making possible the reasonable use of the land, structure, or building.

**Applicant Response:** Granting the requested variance is the minimum necessary adjustment to ease the Development Code requirements and allow for the reasonable use of the land, structure, or building. Specifically, the variance would address the owner's constraints tied to the Site Plan Condition of Approval, which currently requires a sidewalk dedication prior to obtaining a building permit. Eliminating this requirement will streamline the construction timeline for The Guest House Hotel, enabling the project to move forward efficiently.

The variance is a necessary tool to address the unique challenges of this smaller corner lot which is oddly shaped and in close proximity to the roundabout between Central Avenue and Trinity Drive. Despite these constraints, the project has been designed to meet the DTLA zone district standards to the greatest extent feasible. Additionally, as a corner lot infill development with two access points, the property requires thoughtful design solutions to balance functionality with the

goal of creating a welcoming gateway feature for downtown Los Alamos. This variance provides the flexibility needed to achieve those objectives while adhering to the broader intent of the Development Code.

Based upon the rationale presented in this letter, we respectfully request approval of this variance request for The Guest House Hotel and subsequent Site Plan Administrative Amendment to vary the streetscape frontage design along Central Avenue. As stated above, this request is necessary due to the hardships ownership faces due to small site size, multiple access points, topography, and location constraints. Upon completion, we feel that this project will contribute to the successful growth of Los Alamos County and further the goals stated in the Comprehensive Plan and the DTLA Master Plan. If you have any questions or need clarification of anything contained herein, please contact me at (505)761-9700 or willg@dekkerdesign.org.

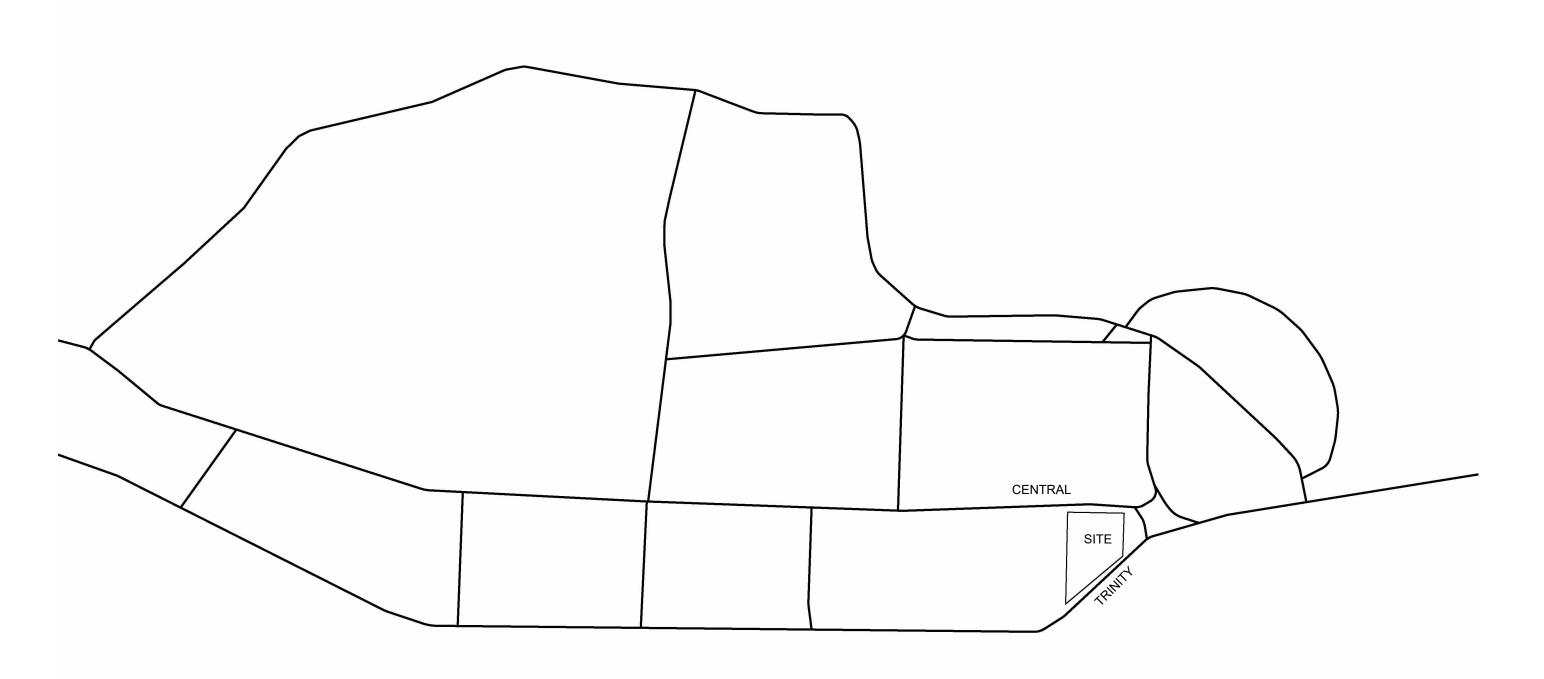
Sincerely,

William Gleason, AICP, LEED AP

Principal, Dekker

Agent for Ocean Rock Capital Partners and Grand Mesa Partners 400 Trinity Drive Hilltop Owners LLC

#### **04 PLANS**



NOTE: IMAGE IS CONCEPTUAL IN NATURE AND MAY NOT REFLECT THE REQUIREMENTS OF THESE PLANS

# GUEST HOUSE

OWNER
GRAND MESA PARTNERS
HILLTOP DEVELOPER LLC
23823 MALIBU ROAD, SUITE
343
MALIBU, CA 90265

CIVIL ENGINEER
ISAACSON & ARFMAN INC.
128 MONROE ST NE
ALBUQUERQUE, NM 87108
(505) 268-8828

ARCHITECT
DEKKER
7601 JEFFERSON NE, SUITE 100
ALBUQUERQUE, NM 87109
(505) 761-9700

LANDSCAPE ARCHITECT DEKKER 7601 JEFFERSON NE, SUITE 100 ALBUQUERQUE, NM 87109 (505) 761-9700

**DRAWING INDEX** 

**COVER SHEET** 

**UTILITY PLAN** 

PAVING PLAN

LANDSCAPE PLAN

**GRADING & DRAINAGE** 

**GRADING & DRAINAGE** 

**EXTERIOR ELEVATIONS** 

**EXTERIOR ELEVATIONS** 

ELECTRICAL SITE LIGHTING PLAN

FIRE HYDRANT LOCATION & ACCESS PLAN

ELECTRICAL SITE LIGHTING PLAN WITH LIGHTING LEVELS

ELECTRICAL SITE LIGHTING SCHEDULES AND STATISTICS

SITE PLAN

CV

ASP 1

FIRE 1.

CG-101.

CG-102.

CU-100.

CP-100.

LP 1

EP100

EP101

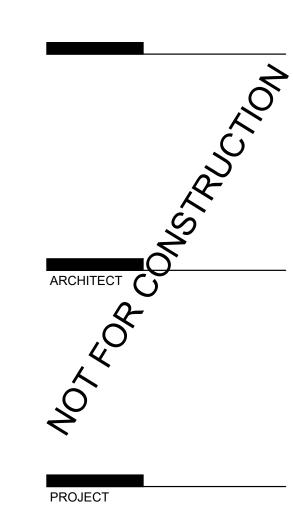
EP102

AEL 1

AEL 2

ELECTRICAL ENGINEER
INDOOR ENVIRONMENTS USA
1920 13TH STREET, SUITE B1
BOULDER, CO 80302
(720) 742-1587

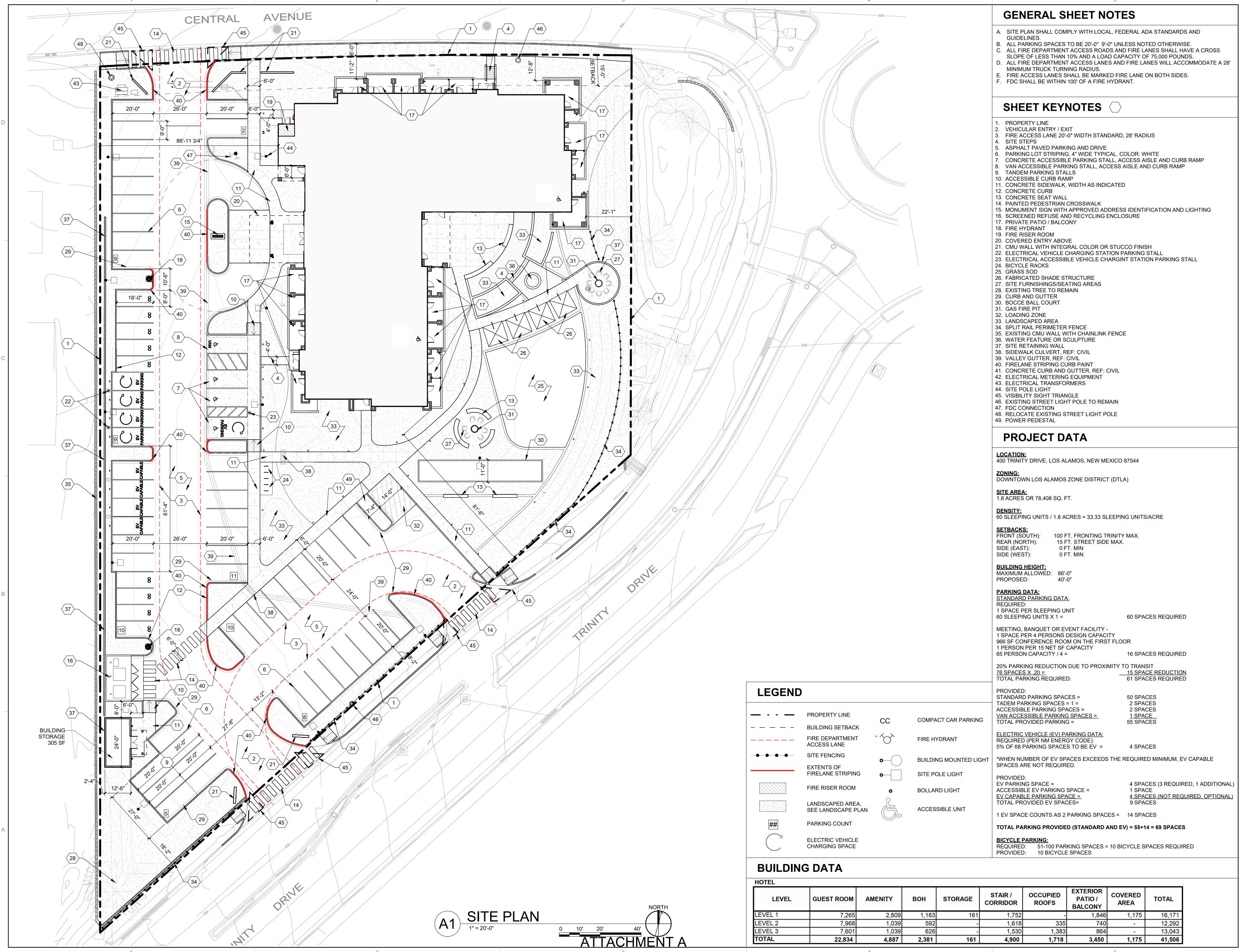
# Dekker



# 400 TRINITY DRIVE LOS ALAMOS, NM 87544

LAC SUBMITTAL

ATE	01/28/2025
ROJECT NO:	23-0069
SUE PURPOSE	



SEAL CONTRACTOR OF THE PROJECT

JUESI HOUSE 400 TRINITY DRIVE

LAC SUBMITTAL

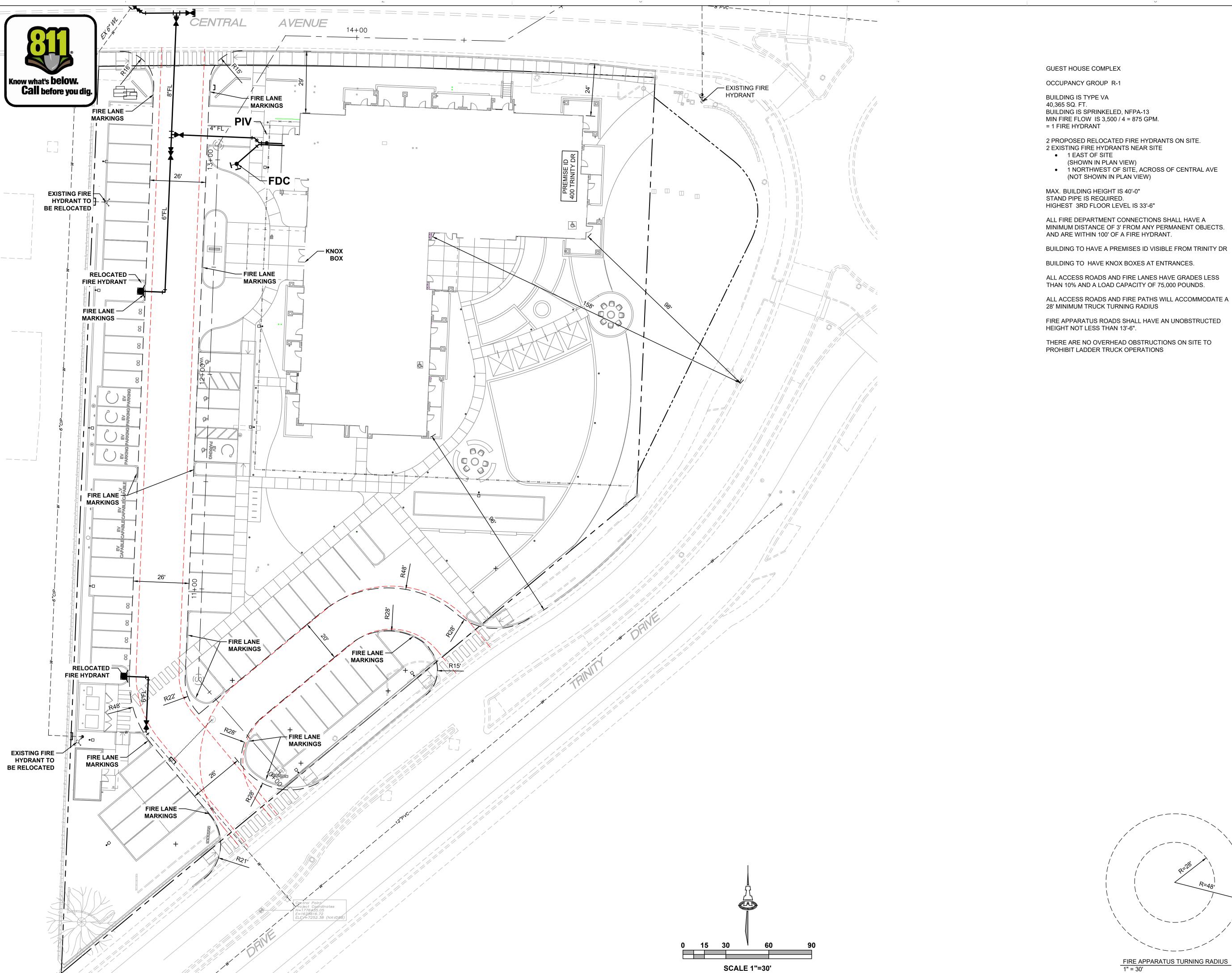
DRAWN BY
DEKKER
REVIEWED BY
DEKKER

DATE
01/28/2025
PROJECT NO
23-0069

DRAWING NAME

SITE PLAN

SHEET NO ASP 1



ATTACHMENT A

1 NORTHWEST OF SITE, ACROSS OF CENTRAL AVE

MINIMUM DISTANCE OF 3' FROM ANY PERMANENT OBJECTS.

BUILDING TO HAVE A PREMISES ID VISIBLE FROM TRINITY DR

ALL ACCESS ROADS AND FIRE PATHS WILL ACCOMMODATE A

FIRE APPARATUS ROADS SHALL HAVE AN UNOBSTRUCTED

Isaacson & Arfman, Inc. Civil Engineering Consultants 128 Monroe Street NE Albuquerque, NM 87108

505-268-8828 | www.iacivil.com

PROJECT

G

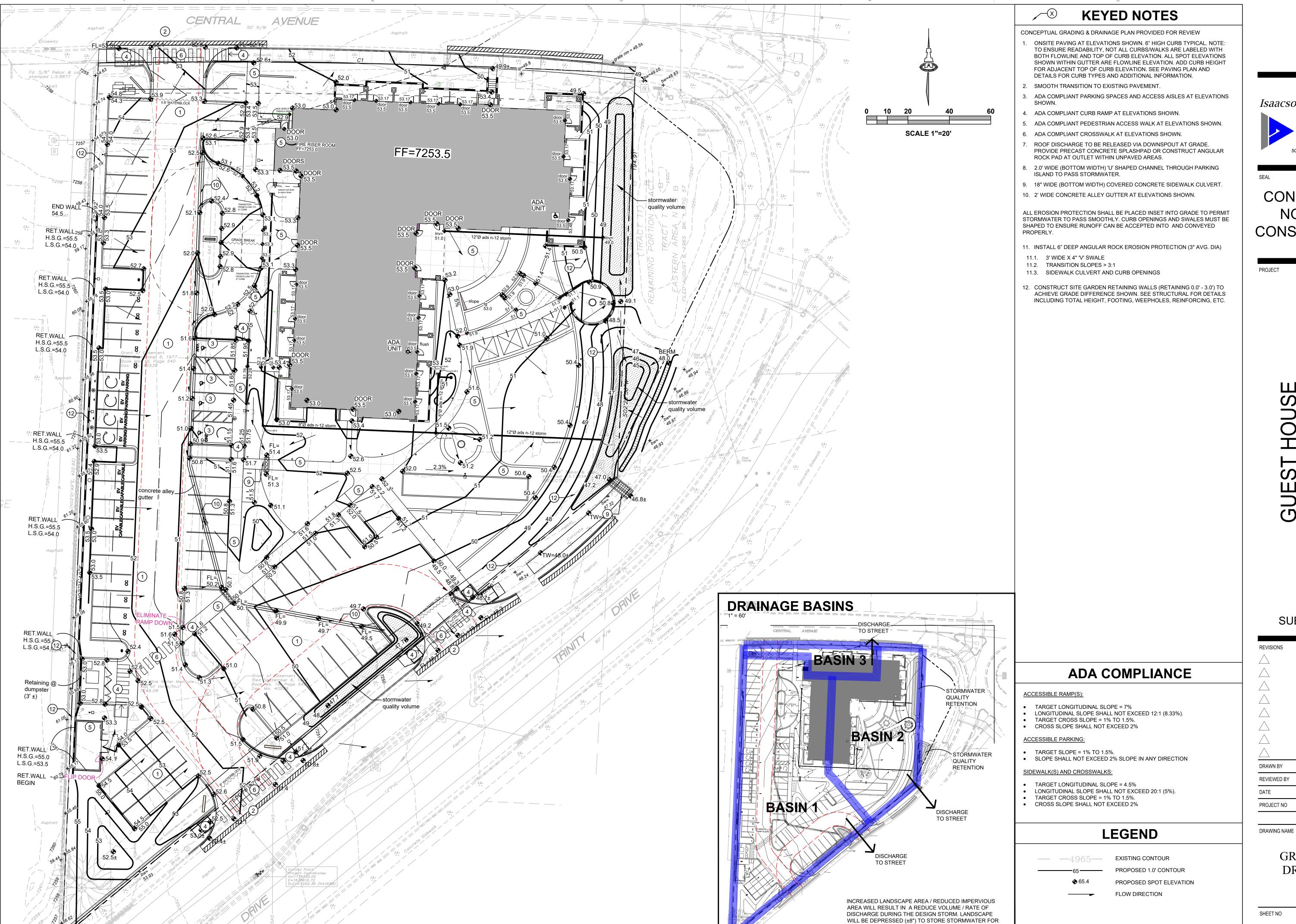
LAC SUBMITTAL

DRAWN BY REVIEWED BY

DRAWING NAME

FIRE HYDRANT LOCATION & ACCESS PLAN

FIRE 1



ATTACHMENT A

WATER HARVESTING WHERE ABLE.

Isaacson & Arfman, Inc. Civil Engineering Consultants 128 Monroe Street NE Albuquerque, NM 87108 505-268-8828 | www.iacivil.com

CONCEPTUAL NOT FOR CONSTRUCTION

PROJECT

LAC SUBMITTAL

**CG-101** 

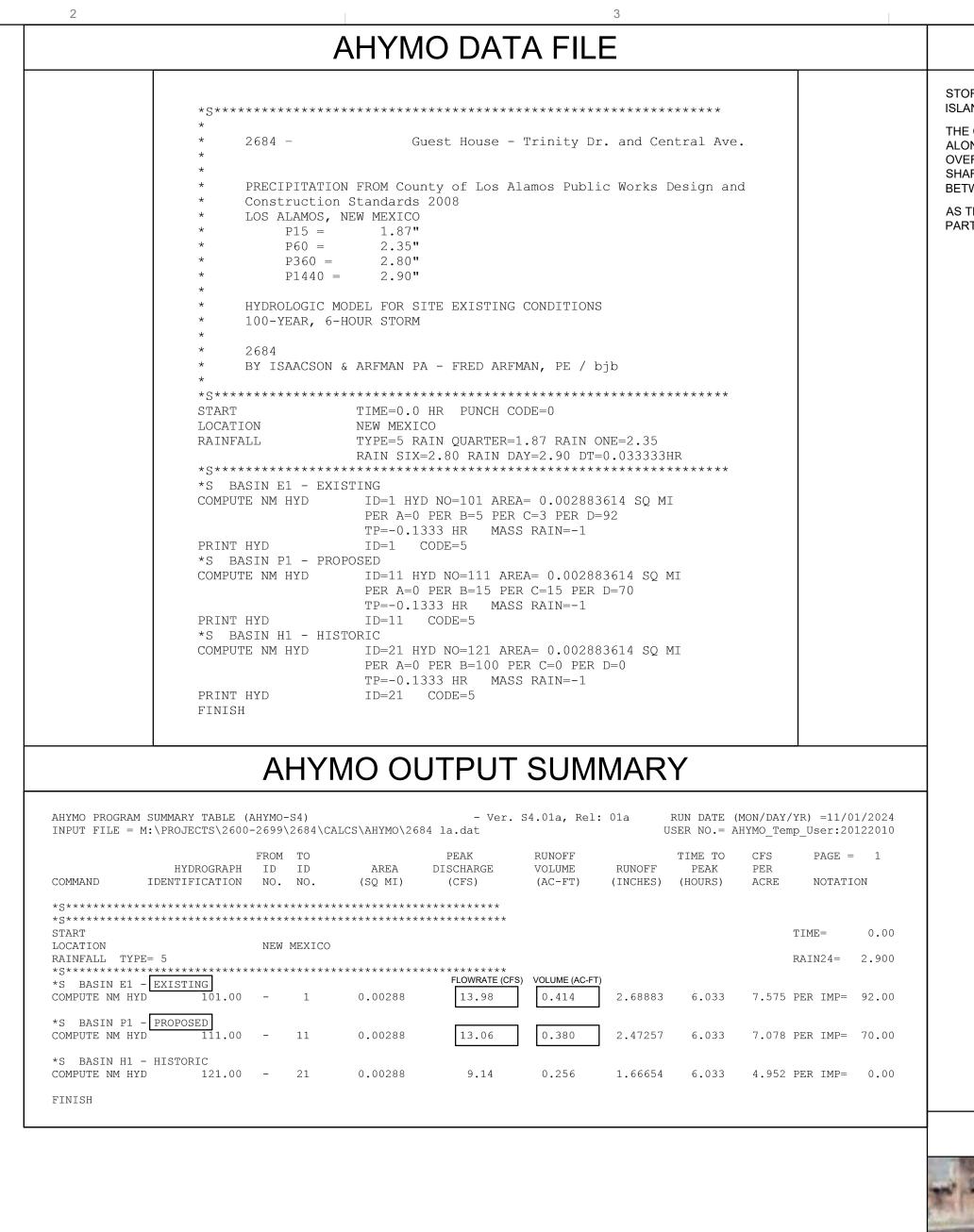
GRADING &

DRAINAGE

**PLAN** 

01/28/2025

I&A #2684

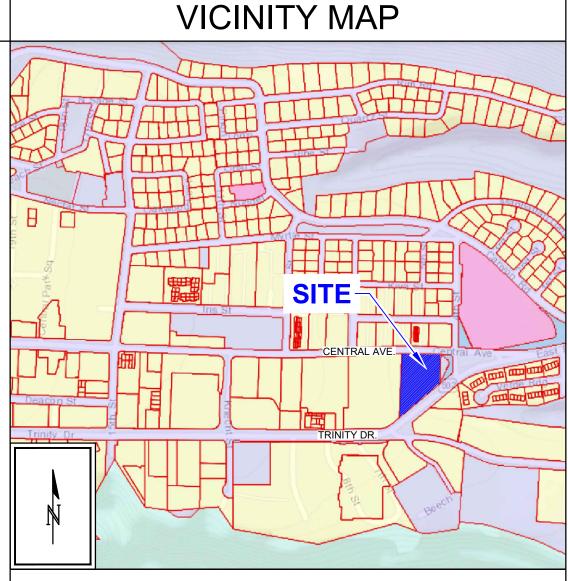


#### STORMWATER QUALITY

STORMWATER QUALITY RETENTION PONDING WILL INCLUDE DEPRESSED PARKING ISLANDS AND PROPOSED SURFACE RETENTION PONDS.

THE CONCEPTUAL PLAN PROVIDED WITH THIS SUBMITTAL IDENTIFIES AREAS ALONG THE EAST PROPERTY BOUNDARY THAT WILL RETAIN VOLUME WITH EXCESS OVERFLOWING TO THE SOUTH TO EXIT THE PROPERTY. OPTION TO UTILIZE SHARED LANDSCAPE ALONG THE EAST PROPERTY LINE SHALL BE COORDINATED BETWEEN THE PROPERTY OWNERS.

AS THE SITE DEVELOPS. FINAL LOCATIONS AND DESIGN WILL BE PROVIDED AS PART OF THE BUILDING PERMIT CONSTRUCTION DOCUMENTS.



#### **FEMA MAP**



#### HISTORIC IMAGE



#### PROJECT INFORMATION

#### PROPERTY:

THE SITE IS PREVIOUSLY FULLY DEVELOPED COMMERCIAL PROPERTY. THE SITE IS BOUND TO THE SOUTH BY TRINITY DR., TO THE NORTH BY CENTRAL AVE., TO THE WEST BY FULLY DEVELOPED COMMERCIAL PROPERTY, AND TO THE EAST BY COUNTY LANDSCAPE TRACT AND PUBLIC R.O.W.

PROPOSED IMPROVEMENTS: THE PROPOSED IMPROVEMENTS INCLUDE DEMOLITION OF THE EXISTING DEVELOPMENT, CONSTRUCTION OF A MULTI-STORY MULTI-FAMILY RESIDENTIAL BUILDING WITH ASSOCIATED PAVED ACCESS AND PARKING, AND SITE LANDSCAPING AND OUTDOOR AMENITIES.

 $\underline{\mathsf{LEGAL}} :$  Consolidated tract seastern area no. 2, city of los alamos, los alamos county, new mexico

ADDRESS: 400 TRNITY DRIVE

ELEVATION = 7331.54 FEET (NAVD 88).

BENCHMARK: VERTICAL DATUM SHOWN HEREON IS BASED UPON THE NATIONAL GEODETIC CONTROL SURVEY MONUMENT "D-81"

OFF-SITE: NO OFF-SITE DRAINAGE AFFECTS THIS PROPERTY.

FLOOD HAZARD: THE SUBJECT PROPERTY (AS SHOWN HEREON) LIES WITHIN ZONE "X" (AREA OF MIMIMAL FLOOD HAXARD) IN ACCORDANCE WITH THE NATIONAL FLOOD INSURANCE PROGRAM RATE MAP NO. 35028C0045 C, EFFECTIVE DATE

#### EXISTING CONDITION:

THE PROPERTY HAS BEEN FULLY DEVELOPED (90%+ IMPERVIOUS) FOR THE PAST 30+ YEARS. THE PROPERTY SLOPES WEST TO EAST/SOUTHEAST AT ±3.5% (AVERAGE). THE MAJORITY OF SITE DISCHARGE EXITS THE PROPERTY ALONG THE SOUTH PROPERTY LINE TO ENTER THE EXISTING PUBLIC STORM DRAIN SYSTEM AT INLETS ADJACENT TO THE PROPERTY.

#### PROPOSED CONDITION:

THE MAJORITY OF THE SITE WILL CONTINUE TO DRAIN TO THE SOUTH / EAST, ENTER TRINITY DR., AND ACCESS THE EXISTING PUBLIC STORM DRAIN SYSTEM. TOTAL RUNOFF WILL BE REDUCED DUE TO AN INCREASE IN LANDSCAPE AND PERVIOUS SITE AMENITIES.

A PRIVATE STORM DRAIN STUB MAY BE DESIGNED AS PART OF THE FINAL DRAINAGE SOLUTION (IF REQUIRED TO ACCOMMODATE SITE USAGE) - TO BE COORDINATED WITH LOS ALAMOS COUNTY ENGINEERING.

NEW DEVELOPED RUNOFF IS BASED ON 70% IMPERVIOUS AREA. FREE DISCHARGE IS APPROPRIATE FOR THE SITE AS TOTAL DISCHARGE IS REDUCED.



CONCEPTUAL NOT FOR CONSTRUCTION

PROJECT

LAC SUBMITTAL

REVISIONS

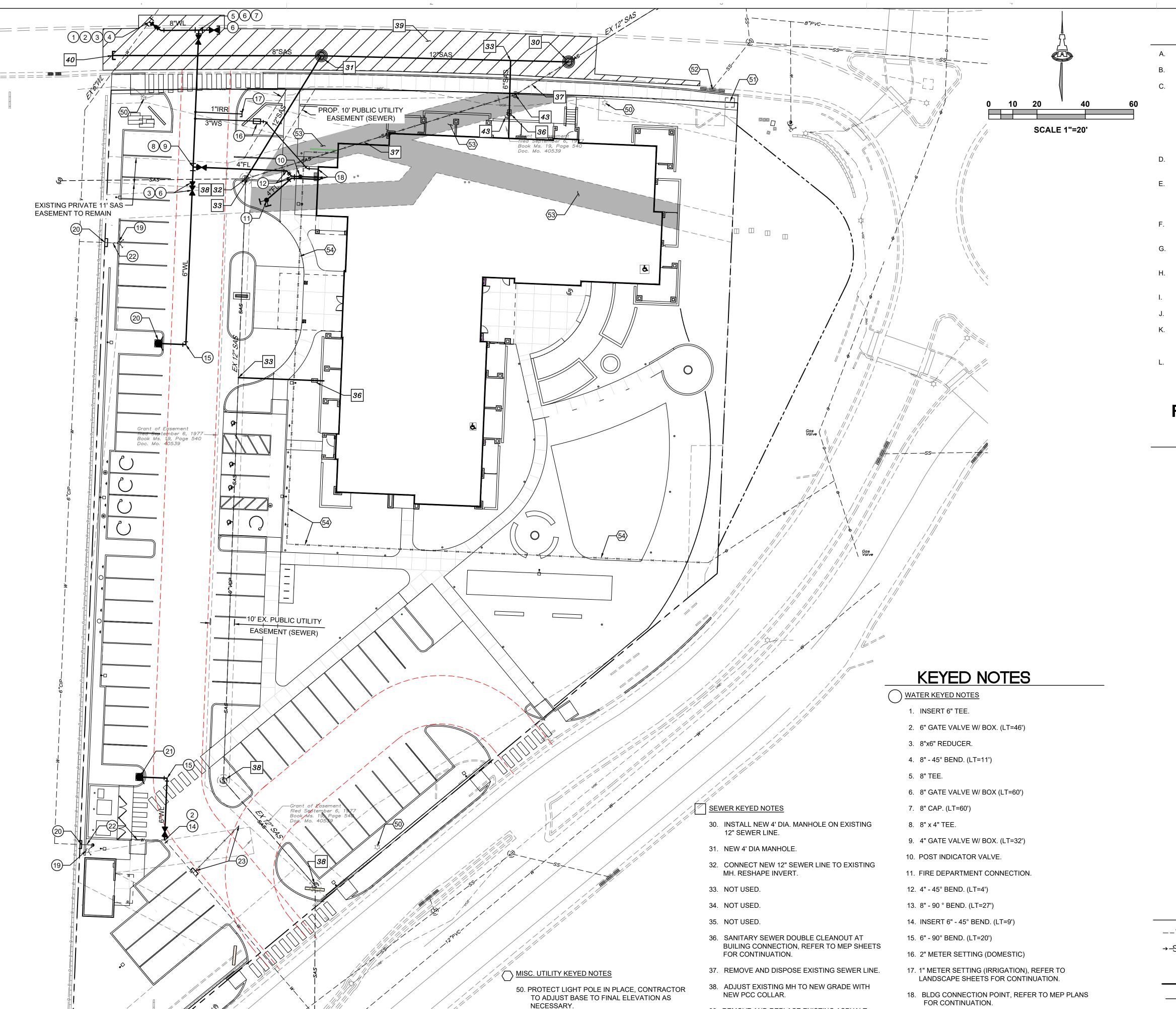
DRAWN BY REVIEWED BY FCA DATE 01/28/2025 PROJECT NO I&A #2684

DRAWING NAME

GRADING & DRAINAGE NOTES AND CALCULATIONS

**CG-102** 

ATTACHMENT A



51. EXISTING TRAFFIC BOX TO REMAIN,

EXISTING SIDEWALK REMOVAL.

52. EXISTING PUBLIC STM CI TO REMAIN.

VACATED (SHADED AREA)

53. EXISTING PUBLIC UTILITY EASEMENT TO BE

54. PROPOSED GAS SERVICE SHOWN FOR

CONTRACTOR TO PROTECT IN PLACE DURING

REFERENCE, CONTRACTOR TO COORDINATE

WITH NM GAS FOR FINAL SERVICE ALIGNMATTACHMENT A

#### **GENERAL NOTES**

- A. INSTALL 8" SAS MAIN AT 2% SLOPE TYP.
- B. INSTALL SAS SERVICES WITH WYE/TEE.
- C. EXISTING UTILITY LINES ARE SHOWN IN AN APPROXIMATE MANNER ONLY AND MAY BE INCOMPLETE OR OBSOLETE. SUCH LINES MAY OR MAY NOT EXIST WHERE SHOWN OR NOT SHOWN. ALL UTILITIES SHOULD BE FIELD VERIFIED AND LOCATED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES.
- CONTRACTOR SHALL NOT USE VIBRATORY COMPACTION EQUIPMENT OR HEAVY VEHICLES OVER EXISTING UTILITIES.
- E. SITE STORM DRAIN, ELECTRIC LINES & TRANSFORMERS ARE SHOWN FOR GENERAL INFORMATION ONLY TO PROVIDE AN OVERVIEW OF SITE UTILITIES AND POTENTIAL CONFLICTS. SEE PLUMBING SITE PLAN (SHEET P 100) FOR GAS LINE LOCATIONS AND SIZING. SEE CG-101 FOR STORM DRAIN DESIGN.
- F. ALL WATER FITTINGS SHALL HAVE JOINT RESTRAINTS (LT). SEE RESTRAINED JOINT CRITERIA NOTES THIS SHEET.
- G. ALL ABOVE GROUND UTILITY EQUIPMENT AND FITTINGS SHALL BE PAINTED IN COLORS TO MATCH BUILDING COLORS.
- H. WATERLINES 4" IN DIAMETER OR LARGER SHALL BE PVC PIPE MEETING AWWA C900 DR-18 REQUIREMENTS.
- I. SANITARY SEWER LINE MATERIALS SHALL BE PVC SDR-35 PIPE.
- J. ALL SANITARY SEWER LINES ONSITE TO BE PRIVATE.
- K. FINAL DESIGN SHALL BE PROVIDED WITH BUILDING PERMIT REVIEW AND SHALL INCLUDE INFORMATION ON EXISTING UTILITIES THAT WILL BE REMOVED & ABANDONED IN PLACE.
- L. JOINT UTILITY TRENCH SHOWN TO BE FOR DRY UTILITIES, INCLUDING BUT NOT LIMITED TO GAS LINES, ELECTRIC LINES, AND COMMUNICATIONS.

# RESTRAINED JOINT LENGTHS FOR WATERLINE FITTINGS

RESTRAINED JOINT LENGTHS, L , <sub>T</sub> FOR HORIZONTAL BENDS, VALVES, AND DEAD ENDS, (FT.)							
		VALVES & DEAD					
SIZE	90°	45°	22 1/2°	11 1/4°	ENDS		
12	29	12	6	3	78		
10	24	10	5	3	66		
8	20	9	4	2	55		
6	16	7	4	2	42		
4	11	5	3	2	30		

THESE TABLES ARE BASED UPON THE FOLLOWING CRITERIA:

DEPTH OF BURY: 4.0 FT. MINIMUM FACTOR OF SAFETY: 1.50
MATERIAL: PVC

SOIL TYPE: GM/SM - SILTY GRAVELS AND SILTY SANDS, GRAVEL-SAND-SILT MIXTURES.

TEST PRESSURE: 150 PSI

TRENCH TYPE 4: PIPE BEDDED IN SAND, GRAVEL, OR CRUSHED STONE TO DEPTH OF 1/8 PIPE DIAMETER, 4 INCH MINIMUM; BACKFILL

DIFFERENT CRITERIA, E.G., GREATER DEPTH OF BURY, ETC., WILL REQUIRE DIFFERENT RESTRAINED LENGTHS. THESE MUST BE CALCULATED BY A QUALIFIED PROFESSIONAL ENGINEER AND APPROVED BY ABCWUA.

COMPACTED TO TOP OF PIPE.

#### NOTES:

- 1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
- 2. THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS. ALL PIPE JOINTS WITHIN 20 LF OF A MECHANICAL JOINT SHALL BE RESTRAINED AT THE CONTRACTOR'S EXPENSE.
- 3. THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ON THIS SHEET.
- THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANT JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.

#### **LEGEND**

--WL-- EXISTING WATERLINE

→-SAS→- EXISTING SEWER LINE

EXISTING FIRE HYDRANT

NEW WATERLINE

NEW FIRE HYDRANT

NEW WATER METER

19. REMOVE AND RELOCATE EXISTING FIRE HYDRANT.

NEW SEWER LINE

20. 6" CAP (LT=46') AT PROPERTY LINE

21. RELOCATED FIRE HYDRANT LOCATION.

39. REMOVE AND REPLACE EXISTING ASPHALT

43. EX. SAS MH TO BE DEMOLISHED AND

40. 8" SAS PLUG.

41. NOT USED.

42. NOT USED.

REMOVED

PAVING FOR UTILITY INSTALLATION (HATCHED

AREA). MATCH EXISTING PAVEMENT SECTION.

22. REMOVE AND DISPOSE EXISTING 6" WATERLINE.

23. REMOVE AND DISPOSE EXISTING METER ASSEMBLY AND BOX. CAP SERVISE LINE AT CORP STOP.

NEW MANHOLE

NEW CLEAN OUT

EX EASEMENT TO BE VACATED

EX UTILITY TO BE DEMOLISHED AND REMOVED

Know what's below.

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LAC SUBMITTAL

REVISIONS

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IA

REVIEWED BY

FCA

DATE

01/28/2025

PROJECT NO

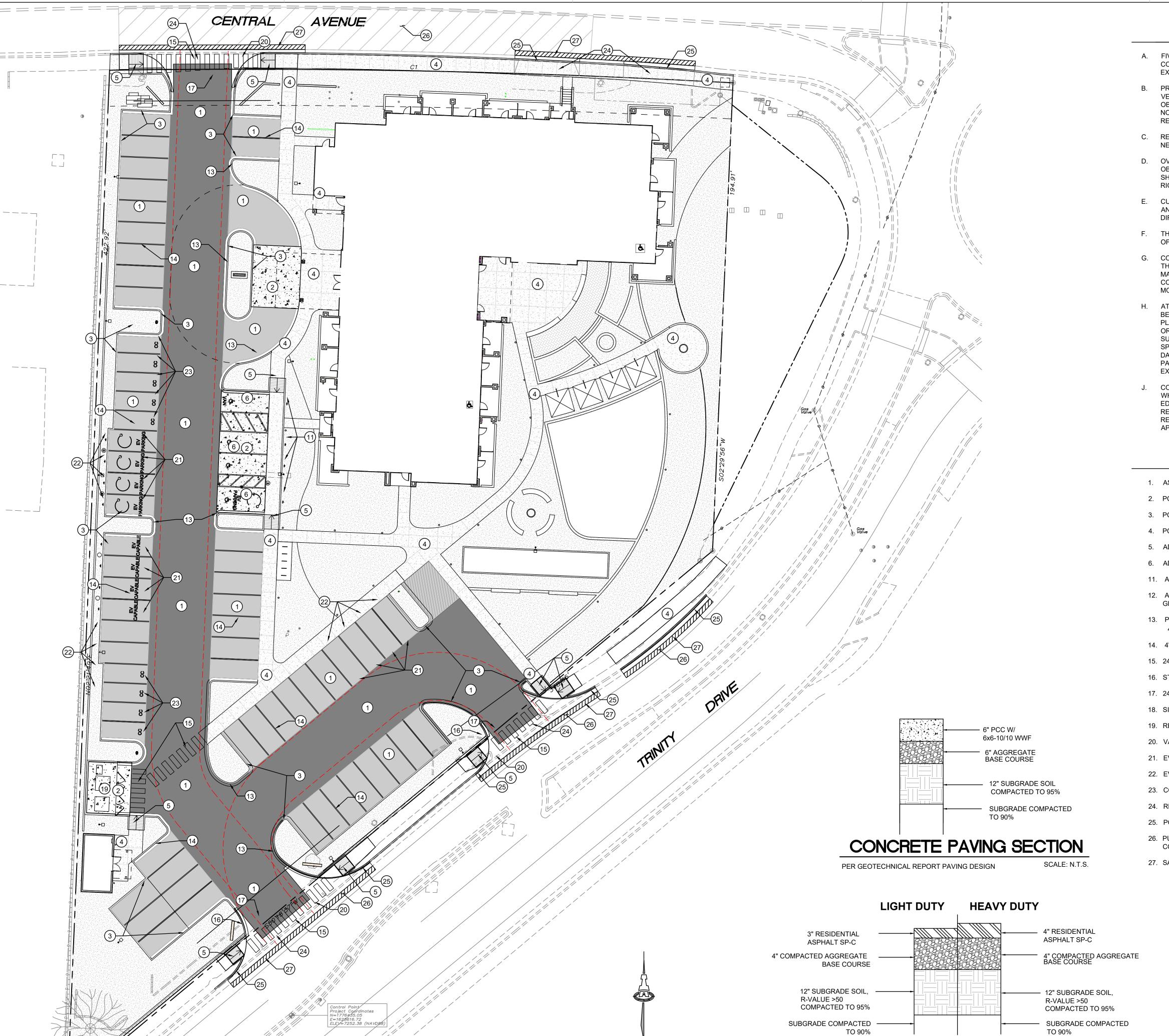
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UTILITY

DRAWING NAME

PLAN

CU-100



SCALE 1"=20'

ATTACHMENT A

#### **GENERAL NOTES**

- A. FIVE WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (505-260-1990) FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS, SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- C. REMOVAL OF EXISTING CURB & GUTTER AND SIDEWALKS SHALL BE TO THE NEAREST JOINT.

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- D. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
- E. CURB AND GUTTER, SIDEWALKS, AND DRIVE PADS SHALL MATCH THE LINE AND GRADE OF ABUTTING EXISTING AREAS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER.
- F. THE SUBGRADE PREP SHALL EXTEND ONE FOOT BEYOND THE FREE EDGE OF NEW CURB AND GUTTER AND SIDEWALK.
- G. CONTRACTOR TO TEST SUBGRADE R-VALUE PRIOR TO CONSTRUCTION. IN THE EVENT THE R-VALUE IS LESS THAN 50, REMOVE 2 FEET OF SUBGRADE MATERIAL AND IMPORT MATERIAL WITH R-VALUE GREATER THAN 50 OR CONTACT THE ENGINEER IMMEDIATELY SO THE PAVEMENT SECTION CAN BE MODIFIED.
- H. AT ALL PAVEMENT REMOVAL AND REPLACEMENTS, SAW-CUT EDGES SHALL BE STRAIGHT AND CLEAN, AND LONGITUDINAL JOINTS SHALL NOT BE PLACED WITHIN WHEEL PATHS. PATCHES SHALL BE REGULAR AND SQUARE OR RECTANGULAR, WITH FOUR STRAIGHT SIDES. FINISHED PAVEMENT SURFACE SHALL BE FLUSH WITH EXISTING PAVEMENT SURFACE, WITH NO SPILLOVER OF ASPHALT OR TACK COAT. CARE MUST BE TAKEN TO AVOID DAMAGING THE INTEGRITY OR APPEARANCE OF SURROUNDING PAVEMENTS; IF DAMAGED, THE ENTIRE SURFACE PATCH MUST BE EXPANDED TO COVER DAMAGES.
- CONTRACTOR WILL ENSURE THE ASPHALT HAS A SMOOTH, UNIFORM EDGE WHEN REMOVING AND REPLACING CURB AND GUTTER. IF THE ASPHALT EDGE IS NOT SMOOTH AND UNIFORM, CONTRACTOR WILL SAW CUT AND REPLACE A ONE-FOOT STRIP OF ASPHALT ALONG THE FULL SECTION BEING REPLACED; REFER TO C.O.A. STANDARD DRAWING # 2465 WITH THE APPROPRIATE PAVING SECTION BASED ON ROADWAY CLASSIFICATION.

#### KEYED NOTES

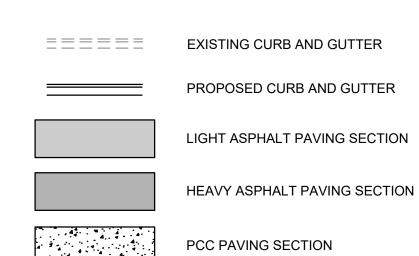
- ASPHALT PAVING.
- 2. PCC PAVING SECTION.
- 3. PCC MEDIAN CURB AND GUTTER.
- PCC SIDEWALK.
- 5. ADA ACCESSIBLE RAMPS.
- ADA PARKING.
- 11. ADA SIGN.
- 12. ADJUST VALVE BOXES, CLEAN-OUTS AND STORM INLETS TO FINISHED GRADES.
- 13. PAINT CURB RED & RED STENCIL WHITE TEXT "FIRE LANE NO PARKING", 4" HIGH LETTERS,  $\frac{1}{2}$ " STROKE.
- 14. 4" WHITE PARKING STRIPE.
- 15. 24" WIDE WHITE CROSSWALK STRIPE AT 4' OC.
- 16. STOP SIGN.
- 17. 24" x 18' PAINTED STOP BAR.
- 18. SITE PARKING LIGHTING, SEE ELECTRICAL SITE PLAN
- 19. REFUSE ENCLOSURE.
- 20. VALLEY GUTTER.
- 21. EV PARKING PAVEMENT MARKING.
- 22. EV PARKING SIGN.
- 23. COMPACT CAR PAVEMENT MARKING.
- 24. REMOVE AND DISPOSE EXISTING PCC DRIVEPAD.
- 25. PCC STD CURB & GUTTER.

ASPHALT PAVEMENT SECTIONS

SCALE: N.T.S.

- 26. PUBLIC ASPHALT PAVING RECONSTRUCTION. SECTION PER LOS ALAMOS COUNTY PUBLIC ROADWAY STANDARD.
- 27. SAWCUT, REMOVE AND REPLACE EXISTING ASPHALT PAVEMENT.

#### **LEGEND**



ADA / STOP SIGNS

**CP-100** 

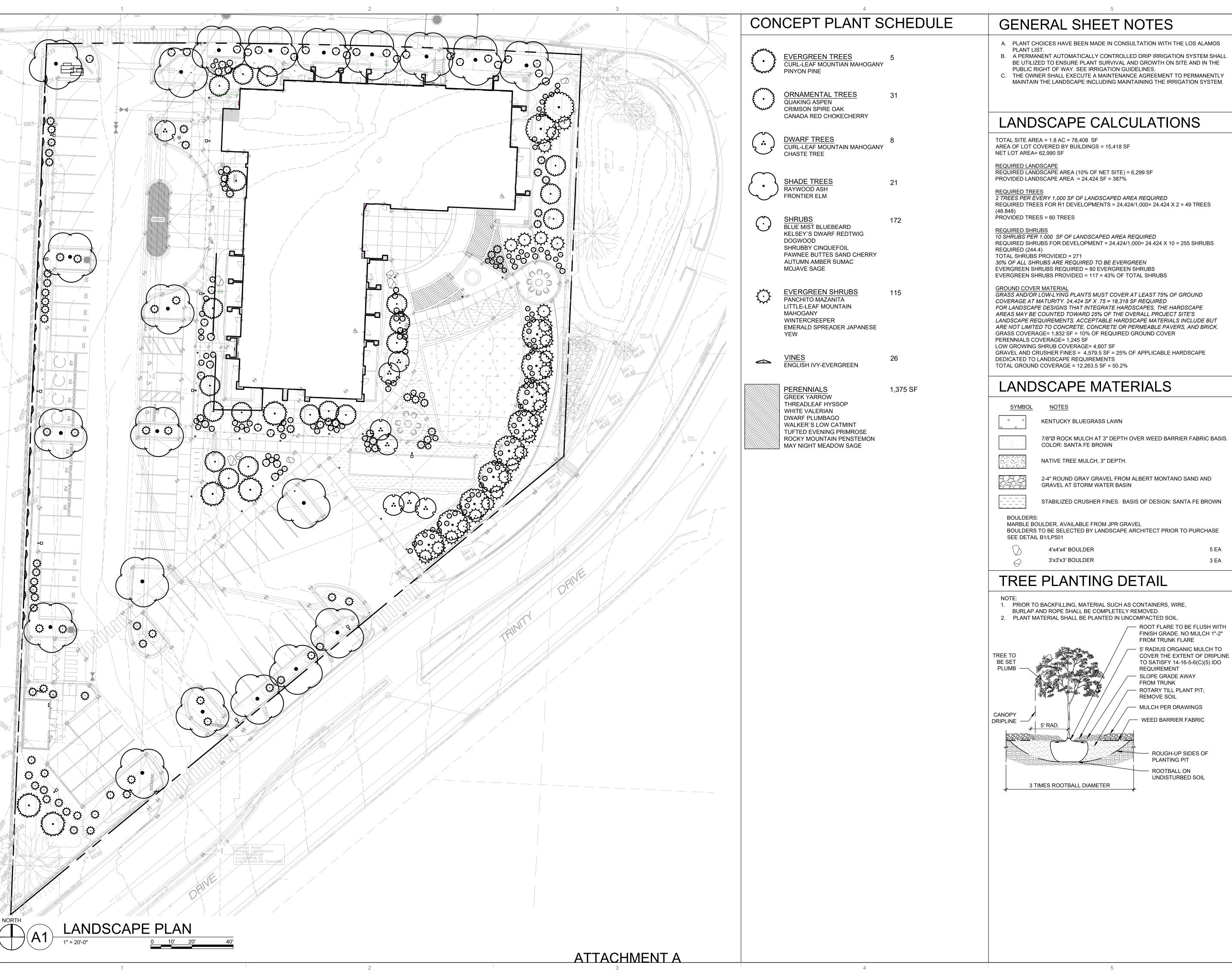
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PROJECT

GUEST HOUSE
400 TRINITY DRIVE
OS ALAMOS, NM 87544

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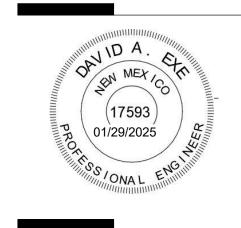
PROJECT NO

LANDSCAPE PLAN

SHEET NO

LP1

23-0069



SEAL

PROJEC

EST HOUSE

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Author

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Approver

DATE

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PROJECT NO

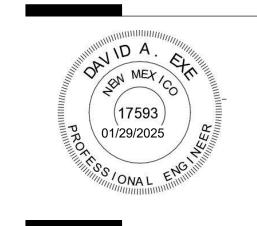
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DRAWING NAME

ELECTRICAL SITE LIGHTING PLAN

SHEET NO

EP100



SEAL

PROJECT

EST HOUSE

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DRAWN BY

Author

REVIEWED BY

Approver

DATE

01/28/2025

DRAWING NAME

PROJECT NO

ELECTRICAL SITE LIGHTING PLAN WITH LIGHTING LEVELS

SHEET NO

EP101

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ENTIRE SITE	Illuminance	FC	1.67	32.6	0.0	N.A.	N.A.
PARKING AND DRIVES	Illuminance	Fc	1.97	26.4	0.1	19.70	264.00

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SEAL

PROJECT

GUESI HOUSE 400 TRINITY DRIVE LOS ALAMOS, NM 87544

LAC SUBMITTAL

DRAWN BY Author

REVIEWED BY Approver

DATE 01/28/2025

PROJECT NO 60561

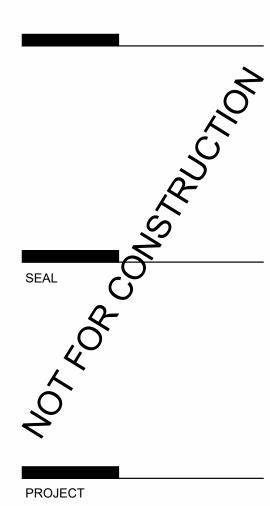
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ELECTRICAL SITE LIGHTING SCHEDULES AND STATISTICS

SHEET NO

EP102





GUEST HOUSE
400 TRINITY DRIVE
LOS ALAMOS, NM 87544

LAC SUBMITTAL

DRAWING NAME

EXTERIOR ELEVATIONS

SHEET NO

AEL 1



#### SHEET KEYNOTES FINISH GRADE STUCCO FINISH, EARTHTONE AND PASTEL COLORS OF NON-EARTHTONE HUES,

WHITES, GRAYS

WHITES, GRAYS

**LEGEND** 

**KEY PLAN** 

17. ALUMIŃUM STOREFRONT SYSTEM 18. ALUMINUM STOREFRONT DOOR

3. BALCONY SOLID GUARDRAIL, STUCCO FINISH OR SOLID PANEL

10. WINDOW WITH CLEAR GLAZING AND NEUTRAL COLORED FRAME

9. FRAMED PRIVACY WALL - STUCCO FINISH, CMU WITH INTEGRAL COLOR OR NATURAL

16. PARAPET WITH MANUFACTURED METAL COPING OVER CONTINUOUS WATERPROOFING (COLOR TO MATCH STUCCO FINISH OF ADJACENT EXTERIOR

STUCCO EARTHTONE AND PASTEL COLORS OF NON-EARTHTONE HUES, WHITES, GRAYS

STUCCO\_EARTHTONE AND PASTEL COLORS

CENTRAL AVENUE

A1

NORTH

15. METAL CLAD DOOR, EARTHTONE AND PASTEL COLORS OF NON-EARTHTONE HUGES,

# PROJECT

# 400 LOS AI

LAC SUBMITTAL

DEKKER DRAWN BY DEKKER **REVIEWED BY** 01/28/2025 PROJECT NO 23-0069

DRAWING NAME

**EXTERIOR ELEVATIONS** 

SHEET NO

AEL 2