April 5, 2016

Mr. Jack Cloud, DRB Chairman Development Review Board, City of Albuquerque 600 2nd Street NW, Albuquerque, NM 87102

RE: APD SE Area Command Center Project – Narrative

Dear Mr. Cloud,

We are pleased to submit a site development plan for your consideration. The City of Albuquerque (COA) and APD have plans to update the existing SE Area Command Center facility. The Environmental Planning Commission has approved this case (EPC Project # 1003450 / 15EPC-40029) with conditions. Please see the next page and the attached Site Development Plan for information on how the conditions have been met. This project has been previously seen by the DRB and was deferred. We have addressed the Board's comments and feel confident that the DRB can approve this plan.

The attached site development plan illustrates the plan of action for the proposed improvements. This is a phased project that will require the completion of a facility use assessment to accurately evaluate the needs of the APD at the SE Area Command Center. The findings of this assessment will result in a facility reconstruction, renovation, or expansion project. A Site Development Plan for the final proposed facility and site design will be presented to the EPC and DRB for final approval.

In order to complete the final reconstruction, renovation, or expansion project, a temporary modular building will be located on site so that normal functions can continue throughout the facility improvements. Upon completion of the final facility, the modular building will be removed, and the final site-work will be completed.

If you have any questions, please let us know.

Respectfully,

Stephen Mora, AIA, NCARB Associate Architect

- 1. There are minor changes that have been made to the Site Development Plan. The changes that have been made to address the Development Review Board's comments are listed in the attached document.
- 2. Other minor changes that have been made to the Site Development Plan. Some changes have been made to address the EPC conditions. These changes are outlined below. Other minor changes have been made in the development and resolution of the design. These changes do not affect any of the critical aspects upon which the EPC based their approval. These changes are as follows:
 - Stairs have been added to the West entry of the modular building
 - The ramp has increased in length to accommodate the slope of the site. The building elevations show a skirt around the base of the building to accommodate the slope.
 - An electrical transformer is required to bring power to the modular building. This transformer is located at the southwest corner of the modular building.
 - Initially the door at the east end of the north façade, and the door at the south end of the east façade had a set of stairs associated with them, these are not required due to the slope of the site and have been replaced with concrete pads.
 - A curb has been added to the vegetation buffer along the south façade of the modular building to eliminate erosion and water run-off into the adjacent property.
 - An additional "NO PARKING" label has been added to the asphalt striping near the concrete parking bumpers.
 - The parking area to the North of the modular building is being restriped and will accommodate two more parking spaces.
 - Five small existing planters are being removed and replaced with asphalt, or concrete curbs. (Phases 1 +2) New phasing note per staff planner recommendation: The parking area landscaping in Phase 3 shall meet general landscaping standards of the Zoning Code regarding the number and distribution of street trees. Existing street trees removed in Phases 1 and/or 2 shall be replaced accordingly.
 - New Landscape note per staff planner recommendation: Trees in and around offstreet parking areas are required per 14-16-3-10 in Phases 1 and 2 to the extent possible, and shall fully meet requirements in Phase 3.
 - The bike rack has moved to be located closer to the main entry of the modular building.
 - The ADA parking area has been revised to function better. No parking spaces were removed.
- 3. We have met with the staff planner to ensure that all conditions of approval are met.
- 4. This project does not affect the transportation facilities adjacent to the proposed development site plan. No improvements shall be required.
- 5. Pedestrian Access: on Sheet 2/Phasing Plan, the existing sidewalk along the west and south sides of the substation have been removed from the Phase 02-B work area to maintain a continuous pedestrian path from Louisiana to the modular building.
- 6. Landscaping: on Sheet 1, Landscape Keyed Note 17 now specifies the species and size of the shrubs in the planter; these shrubs are evergreen shrubs of a sufficient height to help mask a portion of the plain building façade behind it.
- 7. Signage: on Sheet 1/Phasing Notes, a note has been added Signage in Phase 2-B that complies with Section 14-16-2-22(B)(27) and applicable general sign regulations in Section 14-16-3-5 of the Zoning Code shall be placed on the site and/or west façade of the modular building, in order to direct visitors to the main entrance of the modular building while the existing substation is being renovated.
- 8. Miscellaneous corrections:
 - a. Sheet 1/Phasing Note 1, line 5: the words "staff or" has been removed from sentence.
 - b. Sheet 1/Parking Notes:

cherry/see/reames architects PC

- i. "Required Parking" heading has been changed to "Parking per Standard for Retail/Service Use"; also, "Subtotal" has been changed to "Total".
- ii. Under "Provided Parking": on line 1, the text after "47 spaces" has been deleted; on line 2 the words "Total = 54 spaces" have been added.
- c. Sheet 1/Legend, re. Light Poles: on line 1, the words "until Phase 03-B" have been removed; also on the last line, the word "other" has been removed.
- 9. The Site Development Plan shall comply with General Regulations of the Zoning Code, and all other applicable design regulations, except as specifically approved by the EPC.
- 10. The site development plans for this project have been submitted to the Fire Marshal's Office Plans Checking Division for an official review and approval prior to submitting for building permit. The approved site development plan is attached.
- 11. PNM:
 - a. All existing utility easements or rights-of-way that are located on or adjacent to the property have been shown on the site development plan. All conditions or terms of those easements shall be abided by.
 - b. It is necessary for the developer to contact PNM's New Service Delivery Department to coordinate electric service regarding this project. Any existing or proposed public utility easements are to be indicated on the site plan utility sheet prior to DRB review. PNM's standard for public utility easements for distribution is 10 feet in width to ensure adequate, safe clearances.

DEVELOPMENT REVIEW BOARD HYDROLOGY SECTION

DRB Project Number:	1003450) Heari	ng Date:	Feb 3, 2016
Project:	800 Louisia		em No:	
TYPE OF REQUEST:				
☐ Sketch Plat	☐ Minor Preliminary / Final Plat	☐ Preliminary Plat	☐ Final	Plat
☐ Temp Sidewalk Deferral	☐ Sidewalk Waiver/Variance	Site Plan for Building Permit	☐ Site F	Plan for ivision
☐ SIA Extension (2yr)	☐ SIA Extension - Sidewalk	☐ Vacation of Public Easement		tion of Public of Way
· Conceptul (IENTS: crading + Drainuc ent of this phase	ge Plan is nee	ded	with first fl
to the maxin	mum ex <i>tent poss</i> ainage Plan, along with o	1012.		
Parks & Rec:				
Water:				
Transportation:				
Planning:				
	GATEDTO: (TRANS		,	•
	L.) (SPSD) (SPBP) (FII)
	; DEN	 :		
Hydrolog	rrillo, P.E., Principal Eng yy Section; 505-924-3986 <u>@cabq.gov</u>			

DEVELOPMENT REVIEW BOARD

TRANSPORTATION DEVELOPMENT

DRB Project Number: 1003450

Phil Chacon Park

AGENDA ITEM NO: 01

SUBJECT: Site Plan for Building Permit

ENGINEERING COMMENTS:

- 1. Please list the length of the ADA parking spaces on the west side of the proposed modular building. The length for the ADA Spaces have been listed.
- 2. The ADA accessible parking sign must have the required language per 66-7-352.4C NMSA 1978 "Violators Are Subject to a Fine and/or Towing." Please show detail of ADA signs. The required language is met and the details are shown on Sheet #4.
- 3. Per the DPM, a 6 ft. wide ADA accessible pedestrian pathway is required from the public sidewalk to the building entrances. Please clearly show this pathway and provide details from Louisiana Blvd. A 6'-0" wide ADA accessible path is provided and labeled on Sheet #1.
- 4. Please detail ADA ramps from public right-of-way and proposed ADA ramps into modular building. ADA ramps are called out on Sheet #1 and details are shown on Sheet #4.
- 5. Truncated domes are required at public right-of-way curb cut crossings. These have been included.
- 6. Please show the sight distance triangle for both entrances/exits off of Louisiana Blvd. and Kathryn Ave. Sight Distance Triangles have been included.
- 7. Please add the following note to the clear sight triangle: "Landscaping and signage will not interfere with clear sight requirements. Therefore, signs, walls, trees, and shrubbery between 3 and 8 feet tall (as measured from the gutter pan) will not be acceptable in this area." Sight Triangle Notes have been included and all entrances/exits meet the requirements..
- 8. Please include a copy of your shared access agreement with the adjacent property owner. The site does not share access with any adjacent property.
- 9. All broken or cracked sidewalk must be replaced with sidewalk and curb & gutter. A build note must be provided referring to the appropriate City Standard drawing.
- A note to this affect has been included in the drawings on Sheet #1

 A public sidewalk easement needs to be granted for the sidewalk on Louisiana.

 We are in the process of applying and obtaining the easement requested.

<u>Disclaimer</u>: The comments provided are based upon the information received from the applicant. If new or revised information is submitted, additional comments may be provided by Transportation Development.

RESOLUTION	l:			
APPROVED _	_; DENIED; DEFERRED; C	OMMENTS PF	ROVIDED <u>/</u> ; WITHDRAWN	٧
DELEGATED	TC	D: (TRANS) (I	HYD) (WUA) (PRKS) (PLI	NG)
SIGNED:	Racquel M. Michel, P.E. Transportation Development 505-924-3991 or rmichel@cabq.gov	- /	DATE: February 3, 2016	

Agenda Item #1



Development Review Board (DRB) Review Comments Utility Development Section

Reviewer: Kristopher Cadena, P.E. Phone: 505.289.3301

1003450	02/03/16	#1
		"1
Zone Atlas Page:	LOCATION: Lot 2A, Phil	Chacon Park
L-19	800 Louisiana Blvd. SE	
Request For: 16DRB-70025	EPC Approved SDP for Build	ling Permit

ABCWUA Comment:

Please provide written description of how the following comments were addressed with the next submittal.

- 1. Request an availability/serviceability statement online at the following link: http://www.abcwua.org/Availability_Statements.aspx. Requests shall include fire marshal requirements. An executed statement must be obtained prior to approval.
- 2. Fire marshal stamp on the site plan did not include a required fire flow. This is needed to determine if the required fire flow can be met with existing waterline infrastructure.
- 3. Are new water and/or sanitary sewer services needed for this modular building or will it share the existing private services? Is a fire line going to be installed with this project?
- 1. The Accessibility/Serviceability Statement has been provided and included in this submission.
- 2. Fire Flow has been calculated and provided with this submission.
- 3. The Utility Plan included in this submission shows the Water and SS services provided.

 There will not be a fire line installed.

UTILITY DEVELOPMENT



City of Albuquerque

Planning Department

Richard J. Berry, Mayor

Interoffice Memorandum

January 18, 2016

To: Jack Cloud, Chair, DRB

From: Carol Toffaleti, Senior Planner, UDD Division

Cc: Steve Mora, Cherry/See/Reames Architects

Subject: Project # 1003450, Case # 15EPC-40029 – APD SE Area Command

On November 12, 2015, the EPC approved this site development plan for building permit amendment to redevelop APD's existing SE Area Command in 3 phases, subject to conditions,.

The applicant's agent has consulted me, as case planner, about the updated site development plan to meet the conditions, and about additional alterations to the east parking area and its landscaping. For logistical reasons, some of the landscaped islands are being reduced and trees removed to make way for bringing in the modular building on the site, which will be in place during Phases 1 and 2, and removed upon completion of the permanent facility. In consultation with the UDD manager, we have therefore requested that parking area landscaping, trees in particular, be reinstated in Phase 3 to meet general landscaping regulations. (See Note #5 in the Phasing Notes, and the last note in the Landscape Notes.) The total landscape area was recalculated accordingly, and is still in compliance.

A minor, but helpful addition for our records would be the date of this revised site development plan in the lower right-hand box of Sheet 1.

UDD considers that the applicant has satisfied the EPC conditions of approval and their intent.

If you have any questions, please do not hesitate to call me at 924-3345.

CITY OF ALBUQUERQUE

PLANNING DEPARTMENT URBAN DESIGN & DEVELOPMENT DIVISION 600 2nd Street NW, 3rd Floor, 87102 P.O. Box 1293, Albuquerque, NM 87103 Office (505) 924-3860 Fax (505) 924-3339



OFFICIAL NOTIFICATION OF DECISION

November 13, 2015

Albuquerque Police Department Southeast Area Command 800 Louisiana Blvd SE Albuquerque, NM 87108

Project# 1003450
15EPC-40029 Site Development Plan for Building Permit
Amendment

LEGAL DESCRIPTION:

The above action for all or a portion of Parcel 2-A Plat of Parcels 2-A & 2-B, Van Buren School Lands of Board of Education, zoned SU-1 for Police Substation, located on Louisiana Blvd. SE, between Kathryn Ave. and Continental Loop, containing approximately 1.8 acres. (L-19)

Staff Planner: Carol Toffaleti

PO Box 1293

On November 12, 2015, the Environmental Planning Commission (EPC) voted to APPROVE Project #1003450/15EPC-40029, a Site Development Plan for Building Permit Amendment, based on the following findings:

Albuquerque

New Mexico 87103

<u>FINDINGS - 15EPC 40029, November 12, 2015, Site Development Plan for Building Permit Amendment</u>

1. The proposal is a site development plan for building permit amendment for Parcel 2-A Plat of Parcels 2-A & 2-B, Van Buren School Lands of Board of Education, zoned SU-1 for Police Substation, located at 800 Louisiana Blvd. SE, between Kathryn Ave. and Continental Loop and containing approximately 1.8 acres.

www.cabq.gov

- 2. A site development plan was approved by the EPC on June 17, 1988 (Z-88-54) for one larger parcel (Parcel 2) that was later split into Parcels 2-A and 2-B. The APD sub-station was developed on Parcel 2-A. Parcel 2-B was developed as a public access easement, including a sidewalk on its north side, street trees and landscaping, which serves the Van Buren Middle School, Phil Chacon park and Cesar Chavez community center. Parcel 2-B is currently owned by the Board of Education.
- 3. The Albuquerque Police Department (APD) has secured substantial funding to renovate the existing Southeast Area Command substation on Parcel 2-A and proposes to install a modular building on part of the site during the renovation, in order to accommodate their

OFFICIAL NOTICE OF DECISION Project #1003450 November 13, 2015 Page 2 of 6

staff and improve the functionality of their operations and service. The substation has a square footage of approximately 9, 300 gross sf, and the modular building approximately 8,760 gross sf.

- 4. The EPC first heard the proposal on August 13, 2015 when they voted for a continuance for 90 days due to outstanding issues. At the September 10th hearing, the applicant requested that the continuance be rescheduled to October 8th, in order to move forward with the renovation project in a more timely and cost-effective manner. The EPC approved the rescheduling request.
- 5. The Albuquerque/Bernalillo County Comprehensive Plan, the Trumbull Neighborhood Sector Development Plan, Near Heights Metropolitan Redevelopment Area Plan, and the City of Albuquerque Zoning Code are incorporated herein by reference and made part of the record for all purposes.
- 6. The request furthers the Comprehensive Plan goal for the Established Urban Area, and furthers the goal for Public Safety and the following applicable policies:
 - a. <u>Policy II.B.5.i</u> by improving the quality of the urban environment through better screening and landscape buffering between a service and residential use;
 - b. Policy II.B.5.p by utilizing the cost-effective technique of a modular building to maintain police operations during renovation of the existing substation.
 - c. <u>Policies II.D.10.c, II.D.10.d and II.D.10.e</u> by providing a modular building that accommodates the full range of services provided by the Southeast Area Command to the community, while their permanent building is upgraded to improve their services in the longer term.
 - 7. The request furthers Objective 7.a (1) of the Trumbull Neighborhoods Sector Development Plan by allowing the existing police substation to be improved, while APD also continues to serve the neighborhood.
 - 8. The request implements the vision of the 2000 Near Heights MRA Plan referenced on page 17 of the plan by contributing to the safety and well-being promoted in the area.
 - 9. The site development plan for building permit dated 9/14/15 provides the necessary development details for the period when the site modular building is in place, and establishes the review process for subsequent phases and a deadline for removing the modular building. The packet also outlines

OFFICIAL NOTICE OF DECISION Project #1003450 November 13, 2015 Page 3 of 6

the phasing of the project and provides information that justifies the provided parking. The site development plan packet complies with applicable SU-1 and general regulations in the Zoning Code. Minor conditions are recommended to the site development plan primarily to provide a clearer record of the existing and proposed condition, which will also be useful for review of subsequent phase(s).

10. The affected neighborhood associations (NAs), the District 6 Coalition and surrounding property-owners were notified of the request. Supporting comments were received from a resident who volunteers at the substation and from a member of the Clayton Heights/Loma del Cielo NA and of Siesta Hills NA.

CONDITIONS - 15EPC 40029, November 12, 2015, Site Development Plan for Building Permit Amendment

- 1. The EPC delegates final sign-off authority of this site development plan to the Development Review Board (DRB). The DRB is responsible for ensuring that all EPC Conditions have been satisfied and that other applicable City requirements have been met. A letter shall accompany the submittal, specifying all modifications that have been made to the site plan since the EPC hearing, including how the site plan has been modified to meet each of the EPC conditions. Unauthorized changes to this site plan, including before or after DRB final sign-off, may result in forfeiture of approvals.
- 2. Prior to application submittal to the DRB, the applicant shall meet with the staff planner to ensure that all conditions of approval are met.
- 3. Developer is responsible for permanent improvements to the transportation facilities adjacent to the proposed development site plan, as required by the Development Review Board (DRB).
- 4. Pedestrian Access: on Sheet 2/Phasing Plan, remove the existing sidewalk along the west and south sides of the substation from the Phase 02-B work area to maintain a continuous pedestrian path from Louisiana to the modular building.
- 5. Landscaping: on Sheet 1, Landscape Keyed Note 17 shall specify the species and size of the shrubs in the planter, which shall include evergreen shrubs of a sufficient height to mask a portion of the plain building façade behind it.
- 6. Signage: on Sheet I/Phasing Notes, add a note signage in Phase 2-B that complies with Section 14-16-2-22(B)(27) and applicable general sign regulations in Section 14-16-3-5 of the Zoning Code shall be placed on the site and/or west façade of the modular

OFFICIAL NOTICE OF DECISION Project #1003450 November 13, 2015 Page 4 of 6

building, in order to direct visitors to the main entrance of the modular building while the existing substation is being renovated.

7. Miscellaneous corrections:

- a. Sheet 1/Phasing Note 1, line 5: remove "staff or" from sentence.
- b. Sheet 1/Parking Notes:
 - i. Change "Required Parking" heading to "Parking per Standard for Retail/Service Use"; change "Subtotal" to "Total".
 - ii. Under "Provided Parking": on line 1, delete text after "47 spaces"; on line 2 add "Total = 54 spaces"
 - c. Sheet I/Legend, re. Light Poles: on line 1, remove "until Phase 03-B"; on last line, remove "other".
- 8. The Site Development Plan shall comply with the General Regulations of the Zoning Code, and all other applicable design regulations, except as specifically approved by the EPC.
- 9. All site development plans for subdivisions and site development plans for building permit shall be submitted to the Fire Marshal's Office Plans Checking Division for an official review and approval prior to submitting for building permit.

10. PNM:

- a. It is the applicant's obligation to determine if existing utility easements or rights-of-way are located on or adjacent to the property and to abide by any conditions or terms of those easements.
- b. It is necessary for the developer to contact PNM's New Service Delivery Department to coordinate electric service regarding this project. Any existing or proposed public utility easements are to be indicated on the site plan utility sheet prior to DRB review. PNM's standard for public utility easements for distribution is 10 feet in width to ensure adequate, safe clearances.

OFFICIAL NOTICE OF DECISION Project #1003450 November 13, 2015 Page 5 of 6

APPEAL: If you wish to appeal this decision, you must do so within 15 days of the EPC's decision or by NOVEMBER 30, 2015. The date of the EPC's decision is not included in the 15-day period for filing an appeal, and if the 15th day falls on a Saturday, Sunday or Holiday, the next working day is considered as the deadline for filing the appeal.

For more information regarding the appeal process, please refer to Section 14-16-4-4 of the Zoning Code. A Non-Refundable filing fee will be calculated at the Land Development Coordination Counter and is required at the time the appeal is filed. It is not possible to appeal EPC Recommendations to City Council; rather, a formal protest of the EPC's Recommendation can be filed within the 15 day period following the EPC's decision.

You will receive notification if any person files an appeal. If there is no appeal, you can receive Building Permits at any time after the appeal deadline quoted above, provided all conditions imposed at the time of approval have been met. Successful applicants are reminded that other regulations of the City Zoning Code must be complied with, even after approval of the referenced application(s).

ZONE MAP AMENDMENTS: Pursuant to Zoning Code Section 14-16-4-1(C)(16), a change to the zone map does not become official until the Certification of Zoning (CZ) is sent to the applicant and any other person who requests it. Such certification shall be signed by the Planning Director after appeal possibilities have been concluded and after all requirements prerequisite to this certification are met. If such requirements are not met within six months after the date of final City approval, the approval is void. The Planning Director may extend this time limit up to an additional six months.

SITE DEVELOPMENT PLANS: Pursuant to Zoning Code Section 14-16-3-11(C)(1), if less than one-half of the approved square footage of a site development plan has been built or less than one-half of the site has been developed, the plan for the undeveloped areas shall terminate automatically seven years after adoption or major amendment of the plan: within six months prior to the seven-year deadline, the property owners shall request in writing through the Planning Director that the Planning Commission extend the plan's life an additional five years. Additional design details will be required as a project proceeds through the Development Review Board and through the plan check of Building Permit submittals for construction. Planning staff may consider minor, reasonable changes that are consistent with an approved Site Development Plan so long as they can be shown to be in conformance with the original, approved intent.

<u>DEFERRAL FEES</u>: Pursuant to Zoning Code Section 14-16-4-1(B), deferral at the request of the applicant is subject to a \$110.00 fee per case.

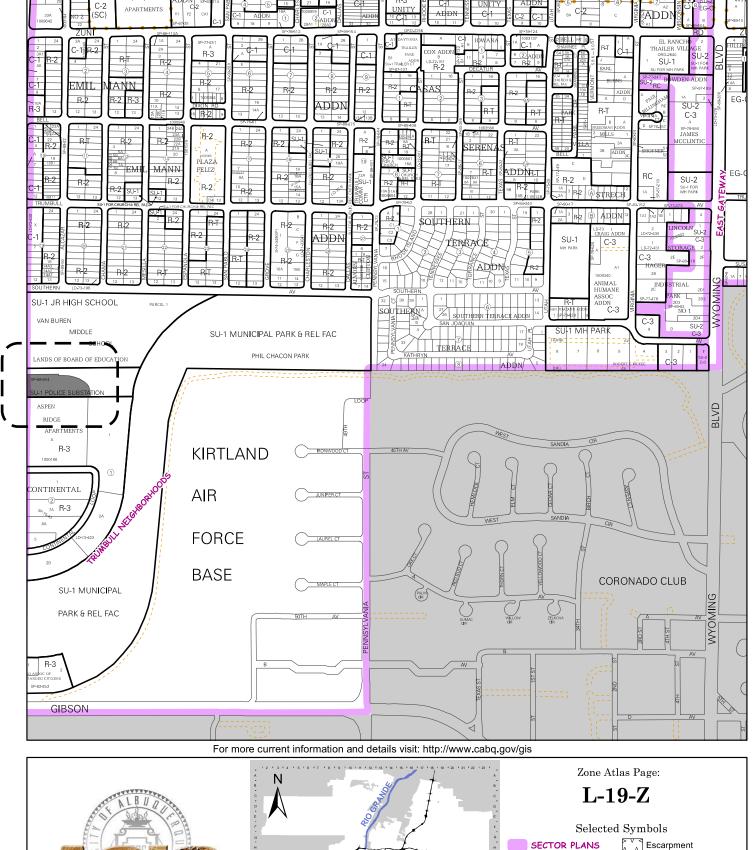
Sincerely,

Suzanne Lubar

OFFICIAL NOTICE OF DECISION Project #1003450 November 13, 2015 Page 6 of 6

SL/CT

cc: William Slauson, Albuquerque Police Department, 400 Roma Ave. NW, ABQ, NM 87102 Cdr J.M. Whisonant, Albuquerque Police Department, 800 Louisiana Blvd SE, ABQ, NM 87108 Tina M. Reames, Cherry/See/Reames Architects PC., 220 Gold Ave. SW, ABQ, NM 87102 Maria Garcia-Cunningham, Albuquerque Police Department, 400 Roma Ave. NW, ABQ, NM 87102 Stacy Herrera, Albuquerque Department of Municipal Development, City Hall, ABQ, NM 87103 Joanne Landry, Trumbull Village Assoc., 7501 Trumbull SE, ABQ, NM 87108 Valerie Gutierrez, Trumbull Village Assoc.,627 Chama SE, #4, ABQ, NM 87108 Reynaluz Juarez, South San Pedro NA, 816 San Pedro SE, ABQ, NM 87108 Donna Orozco-Geist, South San Pedro NA, 933 San Pedro SE, ABQ, NM 87108 Pete Stromberg, Siesta Hills NA, 1423 Ridgecrest SE, ABQ, NM 87108 Jeff Schleher, Siesta Hills NA, 1401 Odlum Dr. SE, ABQ, NM 87108 Marian Jordan, Elder Homestead NA, 816 Arizona SE, ABQ, NM 87108 Carmen Pennington, Elder Homestead NA, 1004 San Pedro SE, ABQ, NM 87108 Charles Bennett, La Mesa Community Improvement Assoc., 600 San Pablo NE, ABQ, NM 87108 Nancy Bearce, District 6 Coalition of NAs, 600 San Pablo NE, ABQ, NM 87108 Roger Flegel, District 6 Coalition of NAs, 605 Valencia NE, ABQ, NM 87108 Judy Jennings, Albuquerque, NM



Zone Atlas Page:

L-19-Z

Selected Symbols

SECTOR PLANS

Design Overlay Zones

Airport Noise Contours

H-1 Buffer Zone

Wall Overlay Zone

Petroglyph Mon.

Note: Grey Shading
Represents Area Outside of the City Limits

Note: The City Limits

Note: Grey Shading
Represents Area Outside of the City Limits



March 28, 2016

Chair Trudy E. Jones City of Albuquerque Councilor, District 8

Vice Chair
Art De La Cruz
County of Bernalillo
Commissioner, District 2

Richard J. Berry City of Albuquerque Mayor

Pat Davis City of Albuquerque Councilor, District 6

Maggie Hart Stebbins County of Bernalillo Commissioner, District 3

Debbie O'Malley County of Bernalillo Commissioner, District 1

Ken Sanchez City of Albuquerque Councilor, District 1

Ex-Officio Member Pablo R. Rael Village of Los Ranchos Board Trustee

Executive Director Mark S. Sanchez

Website www.abcwua.org

Steve Mora Cherry/See/Reames Architects PC 220 Gold Ave SW Albuquerque, New Mexico 87102

RE: Water and Sanitary Sewer Availability Statement #160205 APD SE Command Center - 800 Louisana Blvd SE Zone Atlas Map: L-19-Z

Dear Mr. Mora:

Project Information: The subject site is located on Kathryn Ave. SE at Louisana SE. The proposed development consists of approximately 0.5 acres, and the property is currently zoned SU-1 for municipal use. The property lies within the Pressure Zone 3E in the Ridgecrest trunk. The request for availability indicates plans to provide space for a temporary Albuquerque Police Department South East Command Center center building, or modular building.

Existing Conditions: Water infrastructure in the area consists of the following:

- Eight inch PVC distribution main in Kathryn Ave (Project #26-3542-94)
- Sanitary sewer infrastructure in the area consists of the following:

Eight Eight inch PVC collector line in Kathryn Ave SE (Project #26-4876.90-97)

Water and Sewer Service: New metered water service to the property can be provided via the routine connection to the eight inch main along Kathryn Ave. Service is also contingent upon compliance with the Fire Marshal's instantaneous fire flow requirements. Water service will not be sold without adequate fire protection. Water service will only be sold in conjunction with sanitary sewer service

Sanitary sewer service can be provided via routine connection to the eight inch main along Kathryn Ave .

Cross Connection Prevention: Per the Cross Connection Ordinance, all new non-residential premises must have a reduced pressure principle backflow prevention assembly approved by the Water Authority installed at each domestic service connection to the customer's water system or at a location approved by the Water Authority. All new fire line services to fire protection systems shall be equipped with a reduced pressure principal backflow prevention assembly approved by the Water Authority and Fire Marshal having jurisdiction at each service connection. A double check valve assembly approved by the Water Authority and Fire Marshal having jurisdiction may be installed instead of a reduced pressure backflow prevention assembly provided the fire protection system contains ANSI/NSF Standard 60 or 61 water piping throughout the entire fire protection system, the fire sprinkler drain discharges into atmosphere, and there are no reservoirs, fire department connections, connections from auxiliary water supplies, antifreeze nor other additives.

Fire Protection: From the request for availability the instantaneous fire flow requirements for the project are 2,000 gallons-per-minute. As modeled using InfoWater™ computer

software, the fire flow can be met. All new required hydrants as well as their exact locations must be determined through City of Albuquerque Fire Marshal's Office and verified through the Utility Development Office prior to sale of service.

Easements: Exclusive public water and sanitary sewer easements are required for all public lines that are to be constructed outside of any dedicated rights-of-way. A minimum width easement of 20 feet is required for a single utility and 25 feet for water and sewer both within the same easement. Easements for water meters need to be five feet by five feet and include the length of the water service if located on private property. Actual easement widths may vary depending on the depth of the lines to be installed. Acceptable easements must be documented prior to approval of service.

Pro Rata: Pro Rata is not owed and the property can utilize the services available upon completion of the requirements of this statement to connect to water and sanitary sewer.

Design and Construction of all required improvements will be at the developer / property owner's expense. Improvements can be coordinated through the Water Authority tapping permit process. Designs must be performed by a licensed, New Mexico registered, professional engineer. Construction must be performed by a licensed and bonded public utility contractor.

Costs and Fees: In addition to installation and construction costs, any new metered water services will be subject to both water and sanitary sewer Utility Expansion Charges (UEC) payable at the time of service application. All charges and rates collected will be based on the ordinances and policies in effect at the time service is actually requested and authorized.

Water Use: All new commercial developments shall be subject to the requirements for water usage and water conservation requirements as defined by the Water Authority, particularly the Water Waste Ordinance (O-07-13), Water Conservation Large Users Ordinance and Water Conservation Water by Request Ordinance.

Closure: This statement of service availability will remain in effect for a period of one year from the date of issue and applies only to the development identified herein. Its validity is, in part, contingent upon the continuing accuracy of the information supplied by the developer. Changes in the proposed development may require reevaluation of availability and should be brought to the attention of the Utility Development Section of the Water Authority as soon as possible.

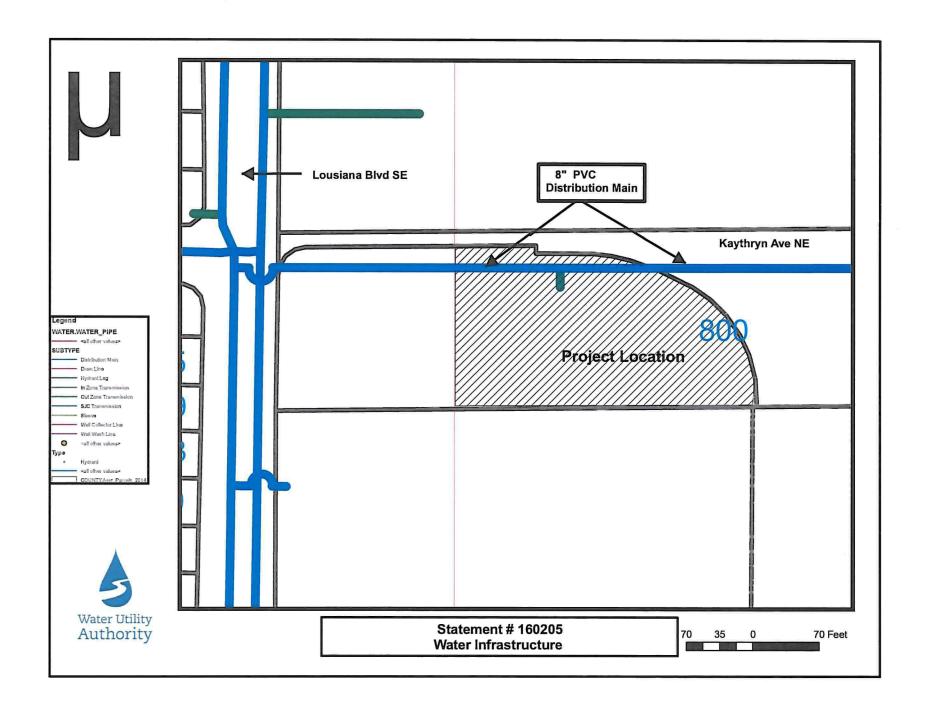
Please feel free to contact the Water Utility Development Office at (505) 289-3307, or by fax at (505) 289-3303 if you have questions regarding the information presented herein or need additional information.

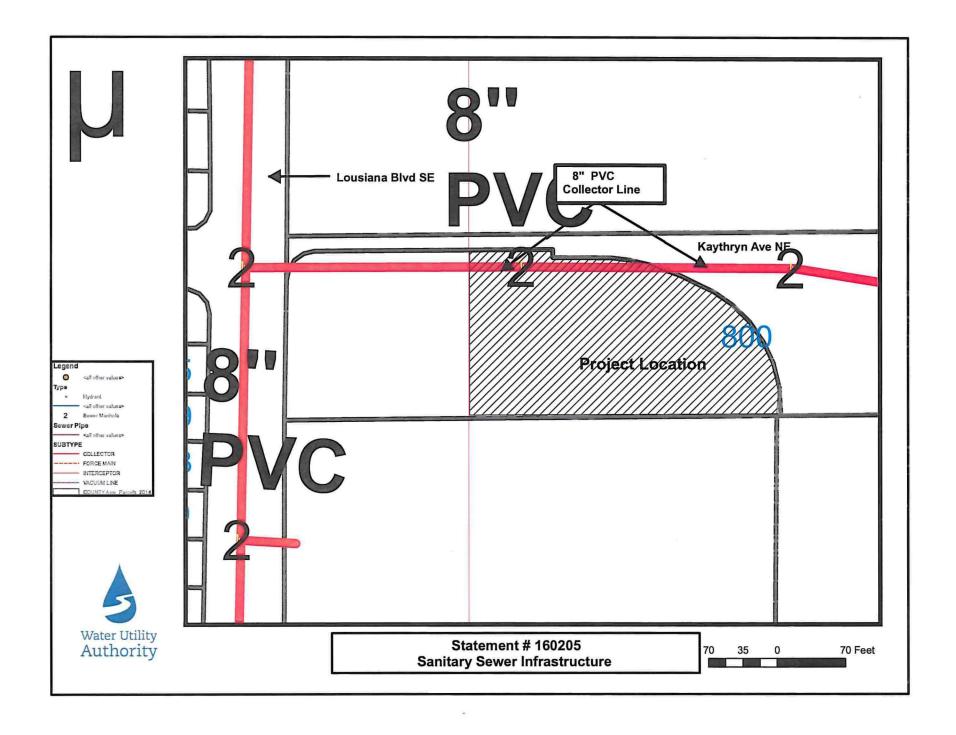
Sincerely,

Mark S. Sanchez Executive Director

Enclosures: Infrastructure Maps (2)

f/ Availability 160205





FIRE HYDRANT AND INSTANTANEOUS FIRE FLOW REQUIREMENTS

ALBUQUERQUE FIRE DEPARTMENT FIRE MARSHAL'S PLAN CHECKING OFFICE 600 2ND ST N.W, 8TH Floor, Plaza del Sol Albuquerque, New Mexico 87102 (505) 924-3611 / FAX (505) 924-3619

ZONE MAP NUMBER	REFERRAL#
SITE ADDRESS 800 LOUS AWA SE	
LEGAL DESCRIPTION: SUBJECT TRACT	
	*
NUMBER HYDRANTS REQUIRED FOR THE LARGEST BUILDING	57
INSTATANEOUS FLOW REQUIRED 2000 P (per	ERC Apen B:C)
SQUARE FOOTAGE – LARGEST BUILDING 8745 **	
TYPE CONSTRUCTION AS CONTRACTOR OF THE CONSTRUCTION AS CONTRACTOR OF THE CONTRACTOR	4
PERTINENT DATA FOR DETERMINATION AND LOCATI	ON OF FIRE HVDDANTS
ALL REQUIRED HYDRANIIS SHALL BE INSTALLED AND OPERA	
☐ ALL REQUIRED HYDRANTS SHALL BE WITHIN 450 FEET TO TH	//H /
AS A TRUCK ROLLS.	DIGITIES FORT OF THE BOILDING
☐ ALL REQUIRED HYDRANTS SHALL BE WITHIN 300 FEET TO THAS A TRUCK ROLLS.	E FURTHEST POINT OF THE BUILDING
TOTAL NUMBER HYDRANTS REQUIRED FOR THIS PHASE OF CONSTRU	CTION OR SITE
DATE: 215/16	
FIRE DEPARTMENT INSPECTOR:	
RECEIVED BY: STARE MONTH TELEPH	

NOTES:

- L. ALL HYDRANTS NEEDED TO PROTECT AN INDIVIDUAL BUILDING MUST BE ABLE TO PROVIDE A MINIMUM RESIDUAL OF 20 PSI, UNDER REQUIRED FIRE FLOW CONDITIONS.
- 2. DETERMINATION OF THE WATER SYSTEM CAPASITY TO PROVIDE REQUIRED FIRE FLOW SHALL BE MADE BY THE PUBLIC WORKS DEPARTMENT, UTILITY DEVELOPMENT SECTION (924-3987), BASED ON PEAK DAY CRITERIA.
- 3. DESIGN OF PRIVATE FIRE PROTECTION SYSTEMS IS THE RESPOSIBILITY OF THE DEVELOPER'S CONSULTANT. APPROVAL OF DESIGN MUST BE MADE BY THE PUBLIC WORKS DEPARTMENT, UTILITY DEVELOPMENT SECTION.

APPENDIX B

FIRE-FLOW REQUIREMENTS FOR BUILDINGS

The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinance.

SECTION B101 GENERAL

B101.1 Scope. The procedure for determining fire-flow requirements for buildings or portions of buildings hereafter constructed shall be in accordance with this appendix. This appendix does not apply to structures other than buildings.

SECTION B102 DEFINITIONS

B102.1 Definitions. For the purpose of this appendix, certain terms are defined as follows:

FIRE-FLOW. The flow rate of a water supply, measured at 20 pounds per square inch (psi) (138 kPa) residual pressure, that is available for fire fighting.

FIRE-FLOW CALCULATION AREA. The floor area, in square feet (m²), used to determine the required fire flow.

SECTION B103 MODIFICATIONS

B103.1 Decreases. The fire chief is authorized to reduce the fire-flow requirements for isolated buildings or a group of buildings in rural areas or small communities where the development of full fire-flow requirements is impractical.

B103.2 Increases. The fire chief is authorized to increase the ire-flow requirements where conditions indicate an unusual susceptibility to group fires or conflagrations. An increase shall not be more than twice that required for the building under consideration.

B103.3 Areas without water supply systems. For information regarding water supplies for fire-fighting purposes in rural and suburban areas in which adequate and reliable water supply systems do not exist, the fire code official is authorized to a tilize NFPA 1142 or the International Wildland-Urban Interface Code.

SECTION B104 FIRE-FLOW CALCULATION AREA

3104.1 General. The fire-flow calculation area shall be the otal floor area of all floor levels within the exterior walls, and inder the horizontal projections of the roof of a building, accept as modified in Section B104.3.

3104.2 Area separation. Portions of buildings which are seprated by *fire walls* without openings, constructed in accorance with the *International Building Code*, are allowed to be onsidered as separate fire-flow calculation areas.

B104.3 Type IA and Type IB construction. The fire-flow calculation area of buildings constructed of Type IA and Type IB construction shall be the area of the three largest successive floors.

Exception: Fire-flow calculation area for open parking garages shall be determined by the area of the largest floor.

SECTION B105 FIRE-FLOW REQUIREMENTS FOR BUILDINGS

B105.1 One- and two-family dwellings. The minimum fire-flow and flow duration requirements for one- and two-family dwellings having a fire-flow calculation area that does not exceed 3,600 square feet (344.5 m²) shall be 1,000 gallons per minute (3785.4 L/min) for 1 hour. Fire-flow and flow duration for dwellings having a fire-flow calculation area in excess of 3,600 square feet (344.5m²) shall not be less than that specified in Table B105.1.

Exception: A reduction in required fire-flow of 50 percent, as *approved*, is allowed when the building is equipped with an *approved automatic sprinkler system*.

B105.2 Buildings other than one- and two-family dwellings. The minimum fire-flow and flow duration for buildings other than one- and two-family dwellings shall be as specified in Table B105.1.

Exception: A reduction in required fire-flow of up to 75 percent, as approved, is allowed when the building is provided with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2. The resulting fire-flow shall not be less than 1,500 gallons per minute (5678 L/min) for the prescribed duration as specified in Table B105.1.

SECTION B106 REFERENCED STANDARDS

ICC	IBC-09	International Building Code	B104.2, Table B105.1
ICC	IWUIC-09	International Wildland- Urban Interface Code	B103.3
NFPA	1142-07	Standard on Water Supplies for Suburban and Rural Fire Fighting	B103.3

TABLE B105.1 MINIMUM REQUIRED FIRE-FLOW AND FLOW DURATION FOR BUILDINGS

		V CALCULATION ARE	EA (square feet)				
Type IA and IB ^a	Type IIA and IIIAa	Type IV and V-Aª	Type IIB and IIIB	Type V-Ba	FIRE-FLOW (galions per minute)b	FLOW DURATION (hours)	
0-22,700	0-12,700	0-8,200	0-5,900	0-3,600	1,500	(HOUIS)	
22,701-30,200	12,701-17,000	8,201-10,900	5,901-7,900	3,601-4,800	1,750		
30,201-38,700	17,001-21,800	10,901-12,900	7,901-9,800	4,801-6,200	2,000		
38,701-48,300	21,801-24,200	12,901-17,400	9,801-12,600	6,201-7,700	2,250	2	
48,301-59,000	24,201-33,200	17,401-21,300	12,601-15,400	7,701-9,400	2,500		
59,001-70,900	33,201-39,700	21,301-25,500	15,401-18,400	9,401-11,300	2,750	*(
70,901-83,700	39,701-47,100	25,501-30,100	18,401-21,800	11,301-13,400	3,000	0.40	
83,701-97,700	47,101-54,900	30,101-35,200	21,801-25,900	13,401-15,600	3,250		
97,701-112,700	54,901-63,400	35,201-40,600	25,901-29,300	15,601-18,000	3,500	3	
112,701-128,700	63,401-72,400	40,601-46,400	29,301-33,500	18,001-20,600	3,750	¥(
128,701-145,900	72,401-82,100	46,401-52,500	33,501-37,900	20,601-23,300	4,000		
145,901-164,200	82,101-92,400	52,501-59,100	37,901-42,700	23,301-26,300	4,250		
164,201-183,400	92,401-103,100	59,101-66,000	42,701-47,700	26,301-29,300	4,500		
183,401-203,700	103,101-114,600	66,001-73,300	47,701-53,000	29,301-32,600	4,750	W W	
203,701-225,200	114,601-126,700	73,301-81,100	53,001-58,600	32,601-36,000	5,000	1 II	
225,201-247,700	126,701-139,400	81,101-89,200	58,601-65,400	36,001-39,600	5,250		
247,701-271,200	139,401-152,600	89,201-97,700	65,401-70,600	39,601-43,400	5,500	*	
271,201-295,900	152,601-166,500	97,701-106,500	70,601-77,000	43,401-47,400	5,750	H 25	
295,901-Greater	166,501-Greater	106,501-115,800	77,001-83,700	47,401-51,500	6,000	4	
·	_	115,801-125,500	83,701-90,600	51,501-55,700	6,250	7	
		125,501-135,500	90,601-97,900	55,701-60,200	6,500		
<u> </u>		135,501-145,800	97,901-106,800	60,201-64,800	6,750		
	a — . =	145,801-156,700	106,801-113,200	64,801-69,600	7,000		
_		156,701-167,900	113,201-121,300	69,601-74,600	7,250		
	_ ,	167,901-179,400	121,301-129,600	74,601-79,800	7,500		
	_	179,401-191,400	129,601-138,300	79,801-85,100-	7,750	2	
		191,401-Greater	138,301-Greater	85,101-Greater	8,000		

For SI: 1 square foot = 0.0929 m², 1 gallon per minute = 3.785 L/m, 1 pound per square inch = 6.895 kPa.

a. Types of construction are based on the *International Building Code*.

b. Measured at 20 psi residual pressure.

APPENDIX C

FIRE HYDRANT LOCATIONS AND DISTRIBUTION

The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinance.

SECTION C101 GENERAL

C101.1 Scope. Fire hydrants shall be provided in accordance with this appendix for the protection of buildings, or portions of buildings, hereafter constructed.

SECTION C102 LOCATION

C102.1 Fire hydrant locations. Fire hydrants shall be provided along required fire apparatus access roads and adjacent public streets.

SECTION C103 NUMBER OF FIRE HYDRANTS

C103.1 Fire hydrants available. The minimum number of fire hydrants available to a building shall not be less than that listed in Table C105.1. The number of fire hydrants available to a complex or subdivision shall not be less than that determined by spacing requirements listed in Table C105.1 when applied to fire apparatus access roads and perimeter public streets from which fire operations could be conducted.

SECTION C104 CONSIDERATION OF EXISTING FIRE HYDRANTS

C104.1 Existing fire hydrants. Existing fire hydrants on public streets are allowed to be considered as available. Existing fire hydrants on adjacent properties shall not be considered available unless fire apparatus access roads extend between properties and easements are established to prevent obstruction of such roads.

SECTION C105 DISTRIBUTION OF FIRE HYDRANTS

C105.1 Hydrant spacing. The average spacing between fire hydrants shall not exceed that listed in Table C105.1.

Exception: The fire chief is authorized to accept a deficiency of up to 10 percent where existing fire hydrants provide all or a portion of the required fire hydrant service.

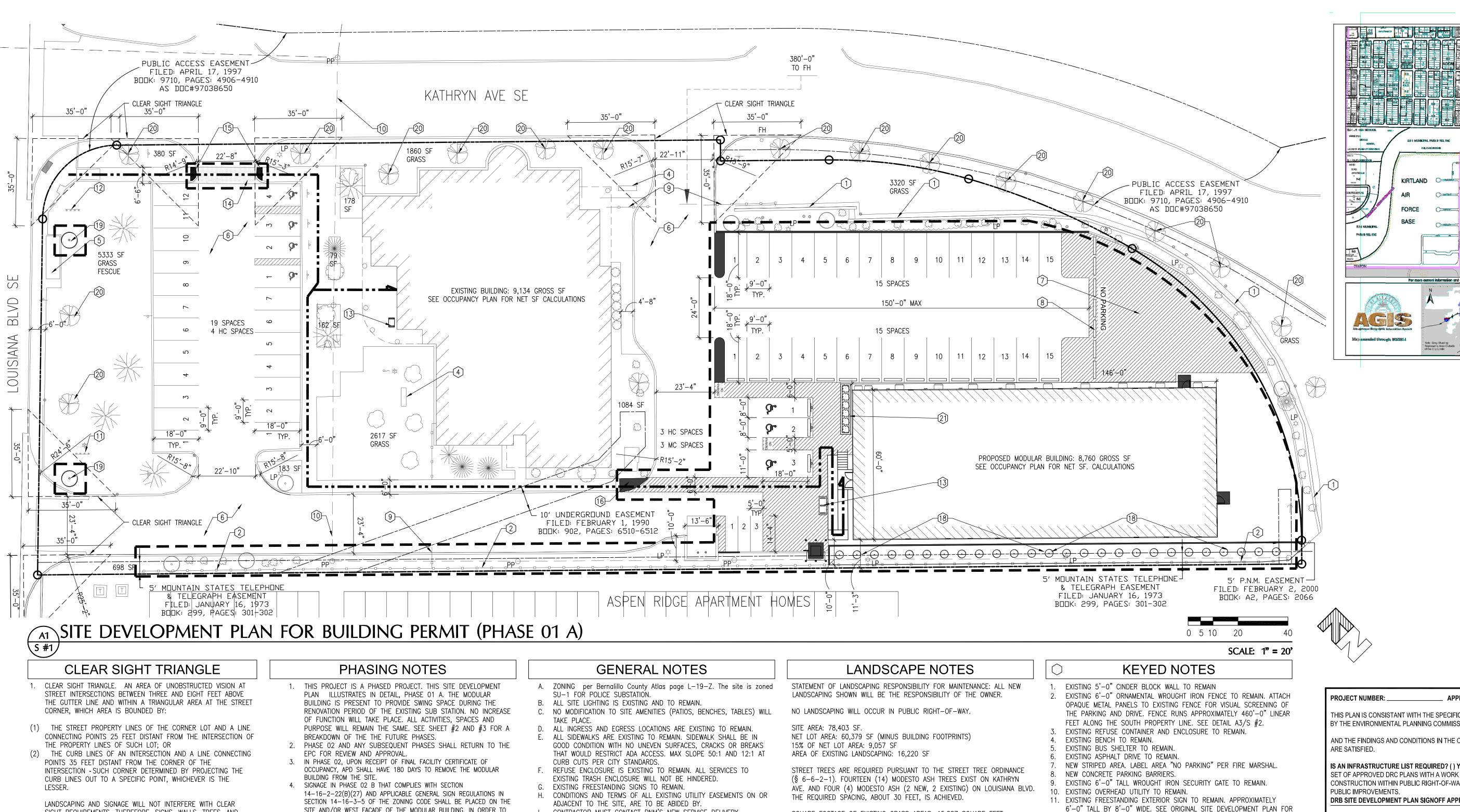
Regardless of the average spacing, fire hydrants shall be located such that all points on streets and access roads adjacent to a building are within the distances listed in Table C105.1.

TABLE C105.1
NUMBER AND DISTRIBUTION OF FIRE HYDRANTS

FIRE-FLOW REQUIREMENT (gpm)	MINIMUM NUMBER OF HYDRANTS	AVERAGE SPACING BETWEEN HYDRANTS ^{a, b, o} (feet)	MAXIMUM DISTANCE FROM ANY POINT ON STREET OR ROAD FRONTAGE TO A HYDRANT
1,750 or less	1	500	250
2,000-2,250	2	450	225
2,500	3	450	225
3,000	3	400	225
3,500-4,000	4	350	210
4,500-5,000	. 5	300	180
5,500	6	300	180
6,000	6	250	150
6,500-7,000	7	250	150
7,500 or more	8 or more	200	120

For SI: 1 foot = 304.8 mm, 1 gallon per minute = 3.785 L/m.

- a. Reduce by 100 feet for dead-end streets or roads.
- b. Where streets are provided with median dividers which cannot be crossed by fire fighters pulling hose lines, or where arterial streets are provided with four or more traffic lanes and have a traffic count of more than 30,000 vehicles per day, hydrant spacing shall average 500 feet on each side of the street and be arranged on an alternating basis up to a fire-flow requirement of 7,000 gallons per minute and 400 feet for higher fire-flow requirements.
- c. Where new water mains are extended along streets where hydrants are not needed for protection of structures or similar fire problems, fire hydrants shall be provided at spacing not to exceed 1,000 feet to provide for transportation hazards.
- d. Reduce by 50 feet for dead-end streets or roads.
- e. One hydrant for each 1,000 gallons per minute or fraction thereof.



SIGHT REQUIREMENTS. THEREFORE, SIGNS, WALLS, TREES, AND SHRUBBERY BETWEEN 3'-0" AND 8'-0" TALL (AS MEASURED FROM THE GUTTER PAN) WILL NOT BE ACCEPTABLE IN THIS AREA.

TREES IN THESE DESIGNATED AREAS HAVE CANOPIES THAT MEET THE CLEAR SIGHT TRIANGLE REQUIREMENTS. TRUNKS OF THE TREES IN THESE AREAS ARE NO LARGER THAN 1'-0" IN DIAMETER. SITE AND/OR WEST FACADE OF THE MODULAR BUILDING, IN ORDER TO DIRECT VISITORS TO THE MAIN ENTRANCE OF THE MODULAR BUILDING

WHILE THE EXISTING SUBSTATION IS BEING RENOVATED.

5. THE PARKING AREA LANDSCAPING IN PHASE 3 SHALL MEET GENERAL LANDSCAPING STANDARDS OF THE ZONING CODE REGARDING THE NUMBER AND DISTRIBUTION OF OFF-STREET PARKING AREA TREES. EXISTING OFF-STREET PARKING AREA TREES REMOVED IN PHASES 1 AND/OR 2 SHALL BE REPLACED ACCORDINGLY.

PARKING NOTES

PARKING CALCULATIONS ARE PROVIDED FOR MAXIMUM STAFF OCCUPIED SPACE ONLY. SEE SHEET #3 FOR DETAILS.

EXISTING BUILDING: 9,134 SF GROSS (APPROXIMATELY 5,435 NET SF.) PROPOSED BUILDING: 8,760 SF GROSS (APPROXIMATELY 5,220 NET SF.)

NET CALCULATIONS DO NOT INCLUDE TARE SPACE SUCH AS STORAGE, MECHANICAL ROOMS, ELECTRICAL ROOMS, CLOSETS, DATA ROOMS, JANITOR CLOSETS, RESTROOMS, SHOWERS, CORRIDORS, ETC.

PARKING REDUCTIONS: 10% WITHIN 300 FEET OF A REGULAR ALBUQUERQUE TRANSIT SYSTEM ROUTE. A BUS SHELTER IS LOCATED ON LOUISIANA BLVD. DIRECTLY IN FRONT OF THE EXISTING BUILDING.

PARKING PER STANDARD FOR RETAIL/SERVICE USE

Bicycle: 49/20 = 2.5 round up to 3 spaces

Vehicles: 5,435 + 5,220 = 10,655 sf/200 sf/space = 53.28 roundup to 54 spaces. 10% Reduction: .10 x 54 = 5.4 round down to 5 spaces. = 49 spaces Handicap 3 Motorcycles: 2

PROVIDED PARKING

Vehicles: 49 spaces Total: 56 spaces Handicap: 7 Motorcycles: 3 Bicycle: 5

- I. CONTRACTOR MUST CONTACT PNM'S NEW SERVICE DELIVERY DEPARTMENT PRIOR TO INITIATING ANY WORK ON SITE. COORDINATE ALL ELECTRICAL SERVICE REGARDING THIS PROJECT.
- J. ALL NEW CURB AND GUTTER, AND CURB CUTS SHALL MEET CITY STANDARD DETAILS FOR PAVING, DRAWING #2415A.

NEW MODULAR BUILDING

SQUARE FOOTAGE OF EXISTING GRASS AREAS: 15,887 SQUARE FEET

TREES IN AND AROUND OFF-STREET PARKING AREAS ARE REQUIRED PER 14-16-3-10 IN PHASES 1 AND 2 TO THE EXTENT POSSIBLE, AND SHALL FULLY MEET REQUIREMENTS IN PHASE 3.

EXISTING LOCUST TO REMAIN

EXISTING JUNIPER TO REMAIN

EXISTING REDBUD TO REMAIN.

EXISTING ELM TO REMAIN.

EXISTING CEDAR TO REMAIN.

EXISTING BRADFORD PEAR TO REMAIN.

EXISTING SUNBURST LOCUST TO REMAIN.

EXISTING CRAPE MYRTLE TO REMAIN.

- 12. EXISTING FREESTANDING EXTERIOR SIGN FOR THE COMMUNITY CENTER TO REMAIN.
- 13. NEW BIKE RACK.
- 14. NEW ASPHALT PAVING TO CREATE AN ADA ACCESSIBLE PEDESTRIAN PATHWAY TO THE BUILDING ENTRANCES.
- 15. TRUNCATED DOMES AT EXISTING PUBLIC RIGHT-OF-WAY CURB CUT CROSSINGS. CURB CUTS SHALL MEET CITY STANDARDS.
- 16. NEW CURB CUT FOR ADA ACCESS TO MODULAR BUILDING. SEE CITY STANDARD DETAIL 2415A. SLOPE 12:1.
- 17. NEW ADA ACCESSIBLE RAMP TO MODULAR BUILDING. SEE DETAIL A1 ON SHEET #4

EXISTING ASH TREE TO REMAIN

LANDSCAPE KEYED NOTES

- 18. NEW 10'-0" WIDE LANDSCAPE BUFFER. FEMALE SKYROCKET JUNIPERS IN A BED OF GROUND MULCH. TREES SHALL BE FEMALE TO COMPLY WITH POLLEN ORDINANCE. 2' TO 3' SPREAD 15' TO 20' HEIGHT AT MATURITY. SPACED AT 75% OF THE MATURE CANOPY DIAMETER. AT PLANTING, TREES SHALL BE A MINIMUM OF 10' TALL OR HAVE A MINIMUM OF 2" CALIPER MIN. PLANT ALONG SOUTH FENCE LINE DIRECTLY ADJACENT TO PROPOSED MODULAR BUILDING. APPROXIMATELY 180'-0" LINEAR FEET.
- 19. NEW MODESTO ASH STREET TREE.
- 20. EXISTING STREET TREE. SEE LANDSCAPE LEGEND FOR TYPE. 21. NEW PLANTER WITH NANDINA DOMESTICA SHRUBS. 3'-0" IN DIAMETER AND APPROXIMATELY 4'-0" TALL.

PROJECT NUMBER: APPLICATION NUM	BER:
THIS PLAN IS CONSISTANT WITH THE SPECIFIC SITE DEVELO BY THE ENVIRONMENTAL PLANNING COMMISSION (EPC) DAT	
AND THE FINDINGS AND CONDITIONS IN THE OFFICIAL NOTIFIED.	ICATION OF DECISION
IS AN INFRASTRUCTURE LIST REQUIRED? () YES () NO IF YESET OF APPROVED DRC PLANS WITH A WORK ORDER IS RECONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY OR FOR CONPUBLIC IMPROVEMENTS. DRB SITE DEVELOPMENT PLAN SIGNOFF APPROVAL:	UIRED FOR ANY
TRAFFIC ENGINEER, TRANSPORTATION DIVISION	Date
UTILITIES DEVELOPMENT	Date
PARKS AND RECREATION DEPARTMENT	Date
CITY ENGINEER	Date
ENVIRONMENTAL HEALTH DEPARTMENT (CONDITIONAL)	Date
SOLID WASTE MANAGEMENT	Date
DRB CHAIRPERSON, PLANNING DEPARTMENT	Date

- -							
	ВУ						
	REVISIONS/REMARKS				– DATE: –	– DATE: –	– DATE: –
	NO. DATE				DESIGNED BY: -	DRAWN BY:	CHECKED BY: -
ROUF							

CHERRY/SEE/REAMES

ARCHITECTS, PC 220 gold avenue sw albuquerque, nm 87102 505 - 842 - 1278 fax 505 - 766 - 9269

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SECTOR PLANS Encurpment
Dueign Overlay Zones 2 (die Airport

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H-1 Buller Zone Vitali Overlay Zone

	С	ITY OF ALBUG	QUERQUE		
ALBUQUERQUE	POLICE	DEPARTMENT	SE AREA	COMMAND	PROJECT

SITE DEVELOPMENT PLAN FOR BUILDING PERMIT & I ANDSCAPE PLAN (PHASE OT A)

	ast Design U		
Design Review Committee City Engineer Ap	Update lbvordo	MO./DAY/YR. 09/14/2015	MO./DAY/YR.

LEGEND	LANDSCAPE LEGEND
EXISTING BUILDING TO REMAIN	TREES:

NEW ASPHALT STRIPING PROPERTY LINE

EASEMENTS

AREA OF WORK TO TAKE PLACE IN THIS PHASE

ADA ACCESSIBLE PEDESTRIAN PATHWAY: SIDEWALK SHALL BE IN GOOD CONDITION WITH NO UNEVEN SURFACES, CRACKS OR BREAKS THAT WOULD RESTRICT ADA ACCESS. MAX SLOPE 50:1 AND 12:1 AT CURB CUTS PER CITY STANDARDS. DRAWING #2415A

EXISTING FIRE HYDRANT TO REMAIN

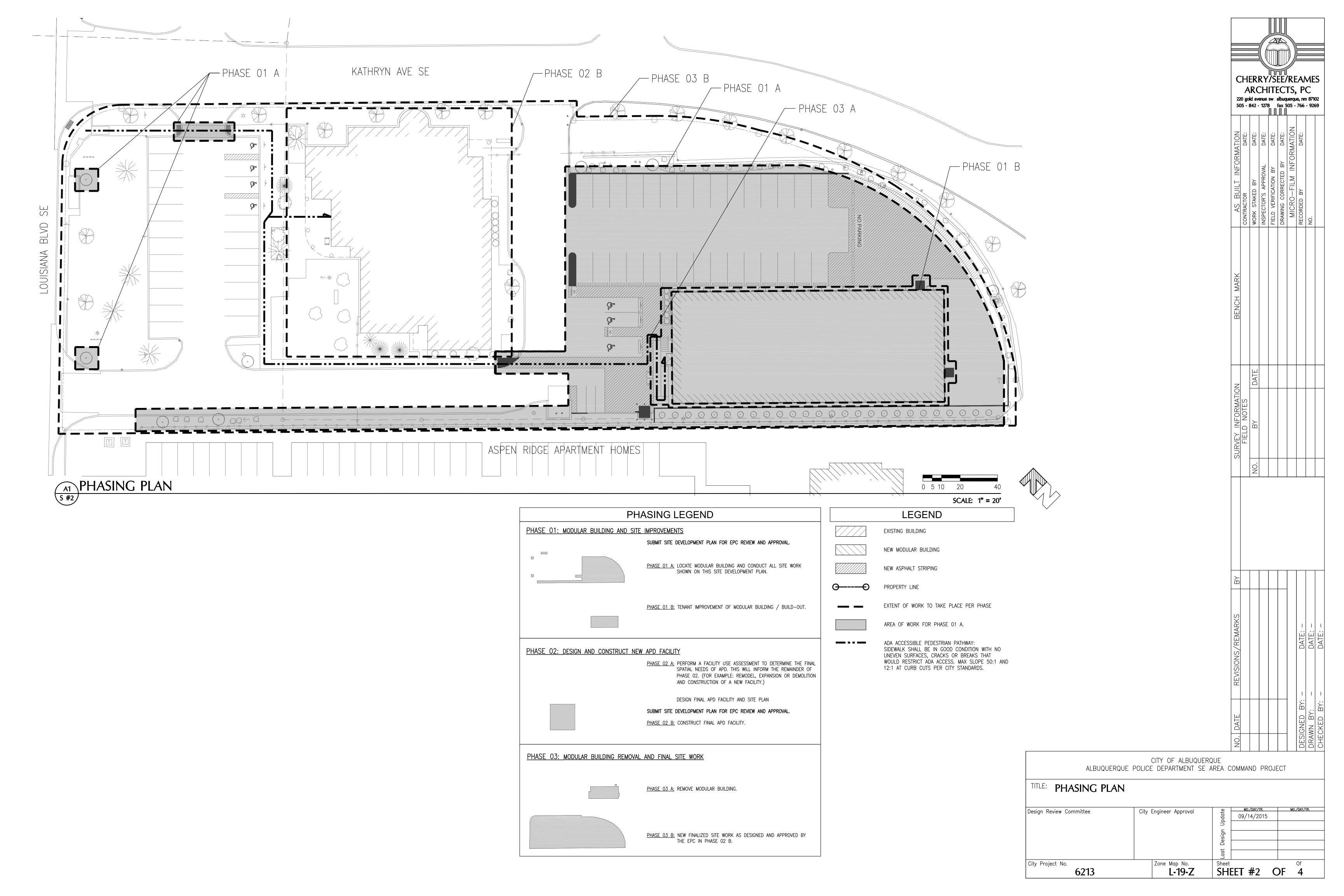
EXISTING LIGHT POLE TO REMAIN (20'-0" TALL) CUTOFF ANGLE: THE LOCATION OF THE PROPOSED LIGHTING FIXTURE TOGETHER WITH ITS CUT-OFF SHINE ON ANY PUBLIC RIGHT-OF-WAY OR ANY

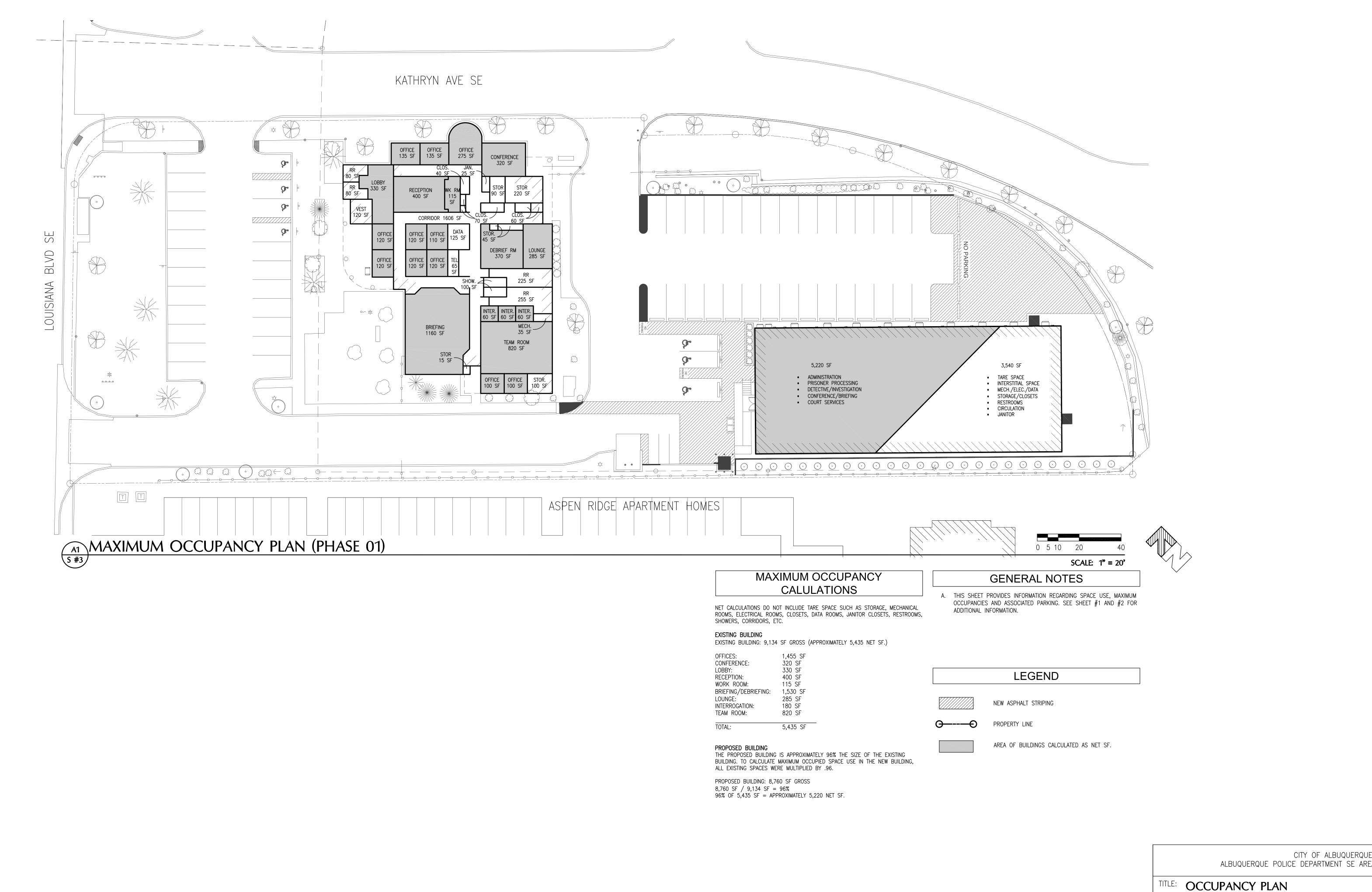
EXISTING POWER POLE TO REMAIN (14'-9" TALL)

ANGLE SHALL BE SUCH THAT IT DOES NOT DIRECTLY RESIDENTIAL PREMISES

EXISTING NANDINA TO REMAIN. EXISTING PHOTINIA TO REMAIN.

SHRUBS:





	ast Design Update										
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Engineer Approval	date			/DAY/ 4/2				МО.,	/day/	ſR.	
CITY OF ALBUQUER DEPARTMENT SE		COM	MAI	۷D	PR	OJE	ECT				
		NO. DATE							DESIGNED BY:	DRAWN BY:	CHECKED BY:
		REVISIONS/REMARKS							– DATE: –	_	– DATE: –
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Design Review Committee

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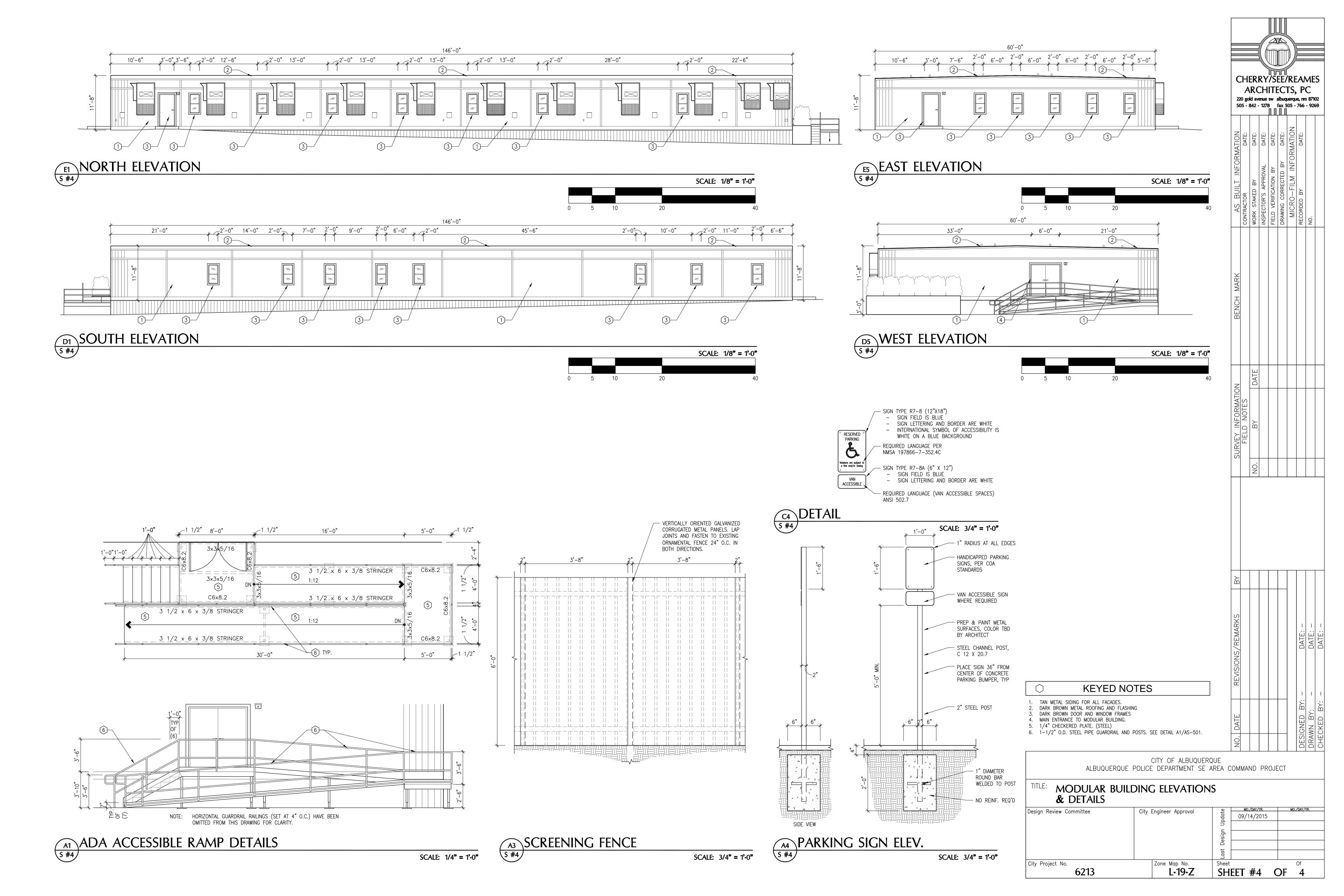
City Project No.

City Engineer Approval

CHERRY/SEE/REAMES

ARCHITECTS, PC

220 gold avenue sw albuquerque, nm 87102 505 - 842 - 1278 fax 505 - 766 - 9269



THIS PROJECT, LOCATED IN THE SOUTHEAST HEIGHTS OF THE ALBUQUERQUE METROPOLITAN AREA, REPRESENTS A MODIFICATION TO AN EXISTING CITY SITE WITHIN AN INFILL AREA. THE PROPOSED CONSTRUCTION CONSISTS OF A STAND—ALONE TEMPORARY MODULAR BUILDING WITHIN AN EXISTING PAVED PARKING LOT. MINOR MODIFICATIONS TO THE PARKING LOT ARE PROPOSED TO ACCOMMODATE LANDSCAPING REQUIRED BY THE EPC APPROVED SITE PLAN. THE PROPOSED LANDSCAPING ALLOWS FOR THE CAPTURE OF A PORTION OF THE FIRST FLUSH RUNOFF FROM THE NEW ROOF AREA. A VARIANCE IS REQUIRED FOR THE DIFFERENCE. THE DRAINAGE CONCEPT FOR THE SITE IS THE CONTINUED FREE DISCHARGE OF DEVELOPED RUNOFF PER THE ORIGINAL APPROVED PLAN DATED 04—29—88 WITH THE EXCEPTION OF ATTEMPTS TO CAPTURE FIRST FLUSH RUNOFF TO THE EXTENT PRACTICABLE FROM THE MODULAR BUILDING ROOF AREA.

THIS SUBMITTAL IS MADE IN SUPPORT OF BUILDING PERMIT TO BE ISSUED BY THE CITY OF ALBUQUERQUE.

II. PROJECT DESCRIPTION

AS SHOWN BY THE VICINITY MAP, THE EXISTING SITE IS GENERALLY LOCATED AT THE SOUTHEAST CORNER OF THE INTERSECTION OF LOUISIANA BLVD. SE AND SOUTHERN BLVD. SE, SOUTH OF THE EXISTING VAN BUREN MIDDLE SCHOOL SITE. AS SHOWN BY PANEL 352 OF 825 OF THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAPS PUBLISHED BY FEMA FOR BERNALILLO COUNTY, NEW MEXICO, SEPTEMBER 26, 2008, THIS SITE DOES NOT LIE WITHIN OR ADJACENT TO A DESIGNATED FLOOD HAZARD ZONE.

III. BACKGROUND DOCUMENTS

THE PREPARATION OF THIS PLAN RELIED UPON THE FOLLOWING DOCUMENTS:

- GRADING AND DRAINAGE PLAN FOR SOUTHEAST AREA SUBSTATION PREPARED BY HIGH MESA CONSULTING GROUP (FORMERLY TOM MANN & ASSOCIATES, INC.) DATED 04-29-88, NMPE 8547. THE 1988 PLAN ESTABLISHED THE PRECEDENT FOR FREE DISCHARGE FROM THE SITE TO LOUISIANA BLVD. SE, A PUBLIC CITY STREET. THE 1988 PLAN ESTABLISHED SURFACE DRAINAGE ACROSS AND THROUGH THE PAVED PARKING LOT AS THE PRIMARY ROUTE BY WHICH DEVELOPED RUNOFF IS DISCHARGED FROM THE SITE THEREBY MAKING IT DIFFICULT TO DIVERT RUNOFF TO LANDSCAPED AREAS TO ADDRESS FIRST FLUSH REQUIREMENTS.
- TOPOGRAPHIC SURVEY PREPARED BY WILSON AND COMPANY (UNDER CONTRACT WITH THE OWNER), NMPS 21081, DATED 6-12-15. THE SUBJECT SURVEY PROVIDES THE BASIS FOR THE EXISTING CONDITIONS OF THE SITE AS DEPICTED BY THIS SUBMITTAL.

IV. EXISTING CONDITIONS

THE PROJECT SITE PRESENTLY CONSISTS OF A CITY OF ALBUQUERQUE POLICE SUBSTATION CONTAINING THE MAIN BUILDING, PAVED PARKING AND LANDSCAPING. THE SITE IS BOUNDED ON THE NORTH BY A PRIVATE ROAD THAT SERVES THE SITE, THE NEGHBORING VAN BUREN MIDDLE SCHOOL AND THE CITY'S PHIL CHACON COMMUNITY CENTER FARTHER TO THE EAST. AT PRESENT, THE SITE DRAINS FROM EAST TO WEST DISCHARGING DEVELOPED RUNOFF DIRTECTLY INTO LOUSIANA BLVD. SE, A PAVED CITY STREET. FROM THIS POINT, RUNOFF FLOWS SOUTH TO GIBSON BLVD. SE WHERE PUBLIC STORM DRAINAGE IMPROVEMENTS COLLECT AND CONVEY STORM WATER WEST.

THERE ARE NO APPARENT OFFSITE FLOWS IMPACTING THE PROJECT SITE AS ESTABLISHED BY PRIOR SUBMITTAL REFERENCED ABOVE. VISUAL SITE INSPECTION BY THE ENGINEER HAS CONFIRMED THAT CONDICTIONS HAVE NOT CHANGED SIGNIFICANTLY SINCE 1988 WITH RESPECT TO OFFSITE FLOWS.

V. DEVELOPED CONDITIONS AND FIRST FLUSH

THE PROPOSED CONSTRUCTION CONSISTS OF THE INSTALLATION OF A TEMPORARY MODULAR BUILDING WITHIN THE EXISTING PARKING LOT AT THE SOUTHEAST CORNER OF THE SITE. THIS PROPOSED PROJECT WILL NOT INCREASE THE IMPERVIOUSNESS OF THE SITE AND THEREFORE WILL NOT INCREASE THE PEAK DISCHARGE AND/OR VOLUME OF RUNOFF GENERATED BY THE SITE. FURTHERMORE, THE MODULAR BUILDING WILL BE LOCATED ABOVE THE EXISTING ASPHALT PAVING THEREBY NOT CHANGING SURFACE DRAINAGE PATTERNS; RUNOFF WILL BE ALLOWED TO FLOW UNDER THE MODULAR BUILDING ON THE EXISTING PAVEMENT SURFACE.

A NEW LANDSCAPE BUFFER WILL BE ADDED ALONG THE SOUTH SIDE OF THE MODULAR BUILDING PROVIDING FOR THE CAPTURE OF FIRST FLUSH RUNOFF FROM THE SOUTH HALF OF THE NEW ROOF AREA. SITE PLAN CHANGES ON THE NORTH SIDE OF THE BUILDING, HOWEVER, WILL BE LIMITED TO A RELATIVELY SMALL PLANTER BED THAT CAN CONTAIN A PORTION OF THE ROOF RUNOFF, BUT IS NOT LARGE ENOUGH TO CONTAIN THE ENTIRE FIRST FLUSH. BECAUSE OF THIS, A VARIANCE TO THE CITY'S FIRST FLUSH REQUIREMENTS IS REQUESTED BASED UPON THE FOLLOWING:

- BUILDING LOCATED IN AN EXISTING PARKING LOT WITHOUT ZONING (SITE PLAN) REQUIREMENTS FOR SUFFICIENT LANDSCAPING AREAS TO CONTAIN FIRST FLUSH FROM ENTIRE ROOF RUNOFF
- WATER HARVESTING BED #3 IS EXISTING WITH MATURE LANDSCAPING THEREFORE UNABLE TO ACHIEVE SUFFICIENT DEPTH FOR REQUIRED VOLUME
- VOLUME CONTAINED IS THAT WHICH IS PRACTICABLE YET LESS THAN THE REQUIRED 0.44-INCH STORM AS CALCULATED

CAPTURING AND TREATING THE FIRST FLUSH OF RUNOFF FROM THE NEW ROOF AREA IS PROPOSED TO THE EXTENT PRACTICABLE GIVEN THE FACTORS LISTED ABOVE.

AS IN THE EXISTING CONDITION, THERE ARE NO OFFSITE FLOWS IMPACTING THE PROJECT SITE.

VI. GRADING PLAN

THE GRADING PLANS SHOW 1.) EXISTING AND PROPOSED GRADES INDICATED BY SPOT ELEVATIONS AND CONTOURS AT 1'-0" INTERVALS, 2.) THE LIMIT AND CHARACTER OF THE EXISTING AND PROPOSED IMPROVEMENTS, 3.) INTERIM BMPs, AND 4.) CONTINUITY BETWEEN EXISTING AND PROPOSED GRADES. AS SHOWN BY THIS PLAN, THE PROPOSED GRADING WILL MAINTAIN THE CURRENT DRAINAGE PATTERN OF DISCHARGE FROM EAST TO WEST TO THE EXISTING SIDE INLET TO THE NORTH GLENWOOD HILLS ARROYO.

VII. SEDIMENT AND EROSION CONTROL PLAN

THIS PROJECT DISTURBS LESS THAN ONE—ACRE OF LAND. A SEPARATE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) HAS NOT BEEN PREPARED. THE SMALL SIZE OF THIS PROJECT DOES NOT WARRANT THE PREPARATION OF A SITE SPECIFIC SEDIMENT AND EROSION CONTROL PLAN, HOWEVER, THIS PLAN PROPOSES GOOD HOUSEKEEPING BEST MANAGEMENT PRACTICES (BMPs) TO MITIGATE THE EFFECTS OF CONSTRUCTION RELATED SEDIMENT DISCHARGING TO THE ADJACENT AND DOWNSTREAM CITY STREET.

VIII. CALCULATIONS

THE CALCULATIONS CONTAINED HEREON ANALYZE THE EXISTING AND DEVELOPED CONDITIONS FOR THE 100-YEAR, 6-HOUR RAINFALL EVENT. THE PROCEDURE FOR 40 ACRE AND SMALLER BASINS, AS SET FORTH IN THE REVISION OF SECTION 22.2, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL, VOLUME 2, DESIGN CRITERIA, DATED JANUARY 1993, HAS BEEN USED TO QUANTIFY THE PEAK RATE OF DISCHARGE AND VOLUME OF RUNOFF GENERATED. AS DEMONSTRATED BY THESE CALCULATIONS, THE PROPOSED PROJECT WILL NOT INCREASE THE DEVELOPED RUNOFF GENERATED BY THE SITE. FIRST FLUSH CONTAINMENT VOLUMES HAVE BEEN EVALUATED USING THE AVERAGE END-AREA METHOD.

IX. CONCLUSIONS

THE FOLLOWING CONCLUSIONS HAVE BEEN ESTABLISHED AS A RESULT OF THE EVALUATIONS CONTAINED HEREIN:

- 1. THE PROPOSED IMPROVEMENTS WILL MAINTAIN AND NOT ALTER THE EXISTING DRAINAGE PATTERNS OF THE SITE 2. THE PROPOSED IMPROVEMENTS WILL NOT RESULT IN AN INCREASE IN THE DEVELOPED RUNOFF VOLUME GENERATED BY
- THE SITE

 3. EROSION AND SEDIMENT CONTROL MEASURES ARE PROPOSED DURING CONSTRUCTION; BMP SELECTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE CONSTRUCTION RELATED SEDIMENT DOES TO DISCHARGE FROM THE SITE TO MPUBLIC RIGHT—OF—WAY.
- 4. THE PROPOSED IMPROVEMENTS WILL NOT ADVERSELY IMPACT DOWNSTREAM PROPERTIES OR DOWNSTREAM DRAINAGE
- CONDITIONS
 5. THIS PROJECT IS NOT SUBJECT TO AN EPA NPDES PERMIT
- 6. THIS PROJECT REPRESENTS A MODIFICATION TO AN EXISTING SITE WITHIN AN INFILL AREA
- 7. A VARIANCE TO THE REQUIREMENT TO CAPTURE AND TREAT THE FIRST FLUSH OF RUNOFF FROM THE NEW IMPERVIOUS (ROOF) AREA CREATED BY THIS PLAN IS REQUESTED BASED UPON THE FOLLOWING:
 - A. BUILDING LOCATED IN EXISTING PARKING LOT
- B. REQUIRED LANDSCAPING BY EPC SITE PLAN LESS THAN THAT REQUIRED TO CONTAIN FULL VOLUME
- C. EXISTING MATURE LANDSCAPING PREVENTS DEEPENDING OF WATER HARVESTING PLANTER BED #3
 D. VOLUME CONTAINED IS THAT WHICH IS PRACTICABLE YET LESS THAN THE REQUIRED 0.44—INCH STORM

EXISTING LAND TREATMENT **TREATMENT** AREA (SF/AC) 0/0 8,500 / 0.20 8,500 / 0.20 58,000 / 1.32 2. DEVELOPED LAND TREATMENT TREATMENT AREA (SF/AC) 0/0 8,500 / 0.20 8,300 / 0.19 58,200 / 1.33 II. HYDROLOGY A. EXISTING CONDITION VOLUME $E_W = (E_A A_A + E_B A_B + E_C A_C + E_D A_D)/A_T$ (0.66*0.00) + (0.92*0.20) + (1.29*0.20) + (2.36*1.32)/1.72 = $V_{100,6 HR} = (E_W/12)A_T =$ (2.07/12)1.72 =0.2967 AC-FT =12,920 CF 2. PEAK DISCHARGE $Q_{P} = Q_{PA}A_{A} + Q_{PB}A_{B} + Q_{PC}A_{C} + Q_{PD}A_{D}$

2.60

75,000 SF

1.72 AC

B. <u>DEVELOPED CONDITION</u> 1. VOLUME $E_{W} = (E_{A}A_{A} + E_{B}A_{B} + E_{C}A_{C} + E_{D}A_{D})/A_{T}$

 $Q_P = Q_{100} = (1.87 * 0.00) + (2.60 * 0.20) + (3.45 * 0.20) + (5.02 * 1.32) =$

$E_W = (E_A A_A +$	·E _B A _B +E _C A _C +I	E _D A _D)/A _T		
E _W =	(0.66*0.00)	+ (0.92*0.20) + (1.29*0.1	9) + (2.36*1.33)/1.72 =	2.07 IN
$V_{100, 6 HR} = (1)$	$E_W/12)A_T =$	(2.07/12)1.72 =	0.2967 AC-FT =	12,920 CF
2. PEAK DISCH Q _P = Q _{PA} A _A	HARGE + Q _{PB} A _B + Q _{PC}	_C A _C + Q _{PD} A _D		
$Q_P = Q_{100} =$	(1.87*0.00)	+ (2.60*0.20) + (3.45*0.1	9) + (5.02*1.33) =	7.8 CFS

3. MODULAR BL	DG FIRST FLL	JSH - 90TH PERCENTILE ST	ORM EVENT (8,360 SF =	0.20 A
$E_W = (E_A A_A +$	E _B A _B +E _C A _C +E	$E_DA_D)/A_T$		
E _W =	(0.00*0.00) +	(0.00*0.00) + (0.00*0.00) + (0).44*0.20)/0.20 =	0.44
$V_{FF} = (E_W/12)$	$A \setminus A = A \setminus $	(0.44/12)0.20 =	0.0073 AC-FT =	320 0

C. <u>COMPARISON</u>

CALCULATIONS:

SITE CHARACTERISTICS

B. $P_{100, 6 HR} = P_{360} =$

D. LAND TREATMENTS

A. PRECIPITATION ZONE =

C. TOTAL PROJECT AREA (A_T) =

1.	VOLUME			
	$\Delta V_{100, 6 HR} =$	12,920 - 12,920 =	0 CF	(NO CHANG

2. PEAK DISCHARGE

I LAN DISCHA	NOL		
$\Delta Q_{100} =$	7.8 - 7.8 =	0 CFS	(NO CHANGE)

LEGEND: UTILITY, SANITARY SEWER MANHOLE UTILITY, POWERPOLE UTILITY, LIGHT POLE UTILITY, YARD LIGHT UTILITY, ELECTRICAL BOX UTILITY, TRANSFORMER (SB) UTILITY, JUNCTION SIGNAL BOX UTILITY, GUYWIRE UTILITY, FIRE HYDRANT UTILITY, WATER VALVE UTILITY, WATER METER UTILITY, GAS METER UTILITY, SPRINKLER HEAD UTILITY, WATER VAULT UTILITY, FIBER OPTIC VAULT UTILITY, CABLE TELEVISION VAULT UTILITY, UNKNOWN VAULT UTILITY, ELECTRICAL PULLBOX UTILITY, CLEANOUT UTILITY, TRAFFIC LIGHT SCB UTILITY, SPRINKLER CONTROL BOX SITE, FLAG POLE SITE, BOLLARD SITE, GATE SITE, SIGN SITE, SIGN-BILLBOARD SITE, TRASH BIN SITE, ROOF DRAIN SITE, BUILDING COLUMN (CONCRETE) SITE, DECIDUOUS TREE SITE, BUSH SITE, HANDICAPPED PARKING SITE, CONTROL POINT SITE, SPOT ELEVATION PROPOSED SPOT ELEVATION EXISTING FLOWLINE ELEVATION +24.86 PROPOSED CONTOUR EXISTING CONTOUR

PROPOSED FLOWLINE

EXISTING ROOF DRAINAGE

PUBLIC EASEMENT LINE

PROPOSED CONCRETE

EXISTING FLOWLINE

ROOF DRAINAGE

HIGH POINT

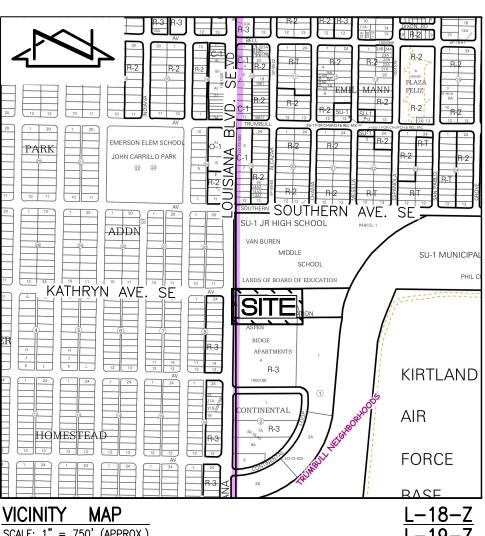
CONSTRUCTION NOTES:

- 1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 811, FOR
- DESIGNATION (LINE—SPOTTING) OF EXISTING UTILITIES.

 2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERPRETATIONS IT MAKES WITHOUT FIRST CONTACTING THE ENGINEER AS REQUIRED ABOVE.
- 3. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH
- 4. ALL CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.
- 5. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, TH LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLÉTE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CÓNCLUSIVE, AND MAY NOT BE COMPLETE, THEREFORE MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUME: NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. 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. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE lines and facilities.
- 6. THE DESIGN OF PLANTERS AND LANDSCAPED AREAS IS NOT PART OF THIS PLAN. ALL PLANTERS AND LANDSCAPED AREAS ADJACENT TO THE BUILDING(S) SHALL BE PROVIDED WITH POSITIVE DRAINAGE TO AVOID ANY PONDING ADJACENT TO THE STRUCTURE. FOR CONSTRUCTION DETAILS, REFER TO LANDSCAPING PLAN.

EROSION CONTROL NOTES:

- 1. THIS PLAN ADDRESSES GENERAL AND SPECIFIC MEASURES FOR CONSTRUCTION PHASE EROSION AND DUST CONTROL. REFER TO THE GRADING AND DRAINAGE PLAN PREPARED BY HIGH MESA CONSULTING GROUP., FOR GRADING NOTES AND INFORMATION.
- 2. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY.
- 3. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN



SCALE: 1" = 750' (APPROX.) $\frac{L-18-2}{L-19-2}$



 $\frac{\text{F.I.R.M.}}{\text{SCALE: 1"} = 500' \text{ (APPROX.)}}$

PANEL 352 OF 825

LEGAL DESCRIPTION:

PARCEL 2-A, VAN BUREN MIDDLE SCHOOL LANDS OF BOARD OF EDUCATION

TBM's

CONTROL POINT CP 102
ELEV: 5339.436
DESCRIPTION: REBAR w/CA

DESCRIPTION: REBAR w/CAP

CONTROL POINT CP 104

ELEV: 5338.072

DESCRIPTION: PK NAIL

CONTROL POINT CP 106
ELEV: 5338.568
DESCRIPTION: PK NAIL

CONTROL POINT CP 103 ELEV: 5338.997 DESCRIPTION: PK NAIL

CONTROL POINT CP 105 ELEV: 5339.166 DESCRIPTION: PK NAIL

ELEV: 5339.166
DESCRIPTION: PK NAIL

CONTROL POINT CP 107
ELEV: 5339.273
DESCRIPTION: PK NAIL

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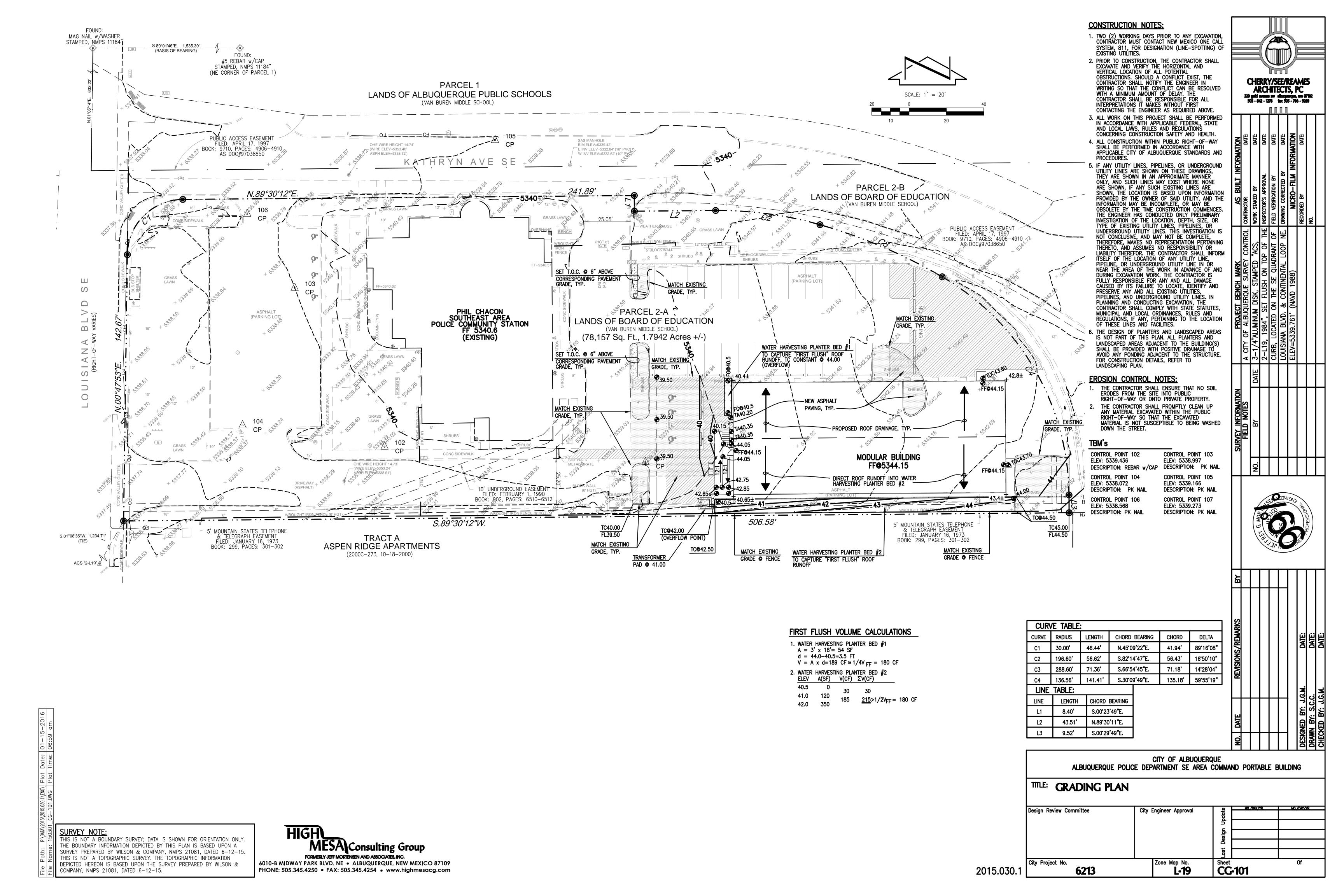
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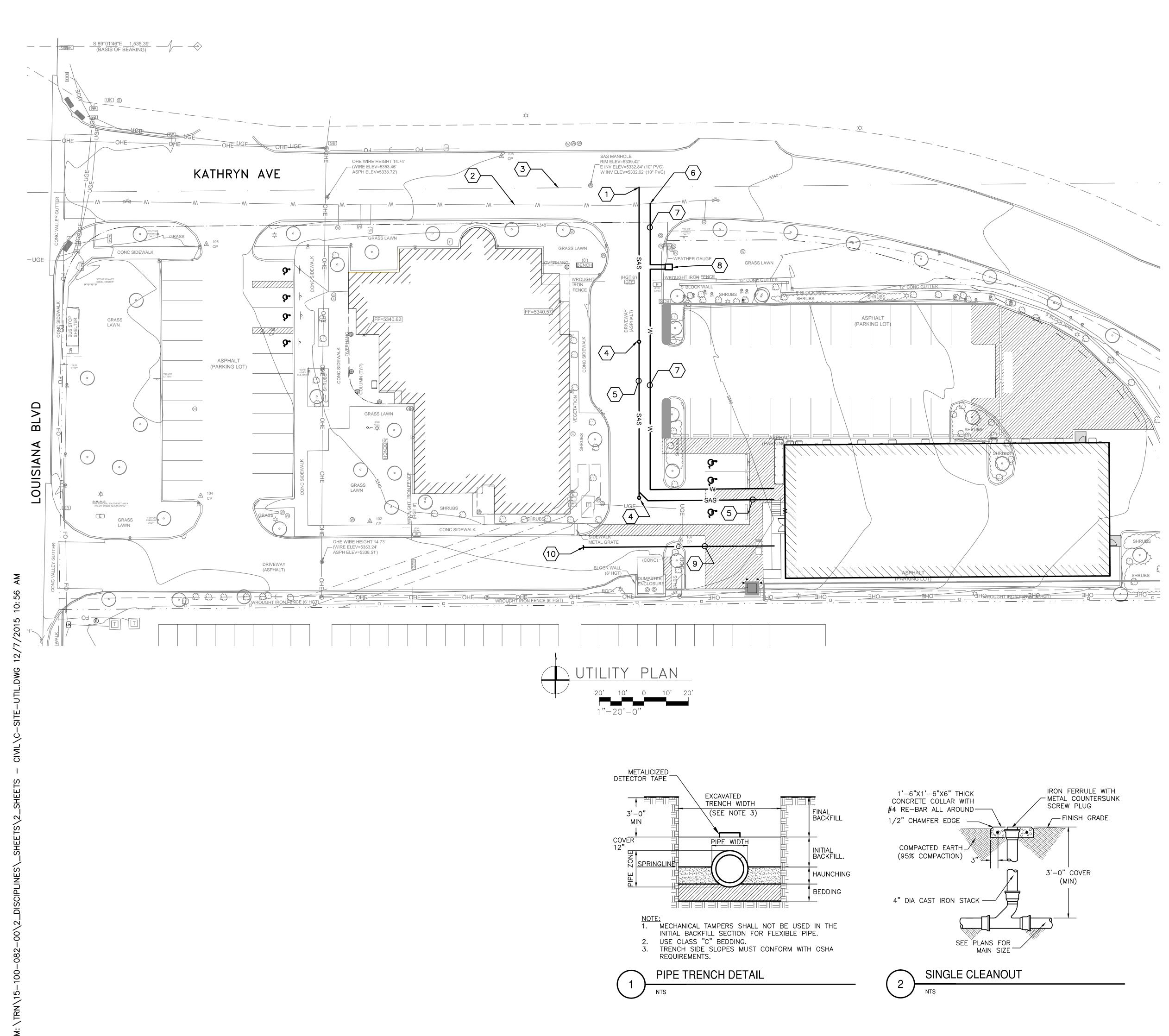
ARCHITECTS, PC

200 gold avenue aw albuquerque, nm 67102 505 - 842 - 1278 fax 505 - 766 - 9269

ALBUQUERQUE	CITY OF ALBUQUE POLICE DEPARTMENT SE AREA		ND PORTABLE E	BUILDING
TITLE: DRAINAGE PI & CALCULAT				
Design Review Committee	City Engineer Approval	Last Design Update	MO,/DAY/YR.	MO,/DAY/YR.
City Project No. 6213	Zone Map No. L-19	Sheet CC	-100	Of

HIGH Consulting Group



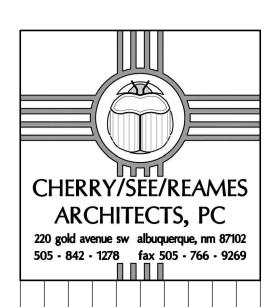


GENERAL NOTES

- 1. CONTRACTOR TO VERIFY EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- 2. CONTRACTOR TO STUB OUT UTILITY SERVICES 5' FROM BUILDING. COORDINATE UTILITY SERVICE LOCATIONS AT BUILDING.

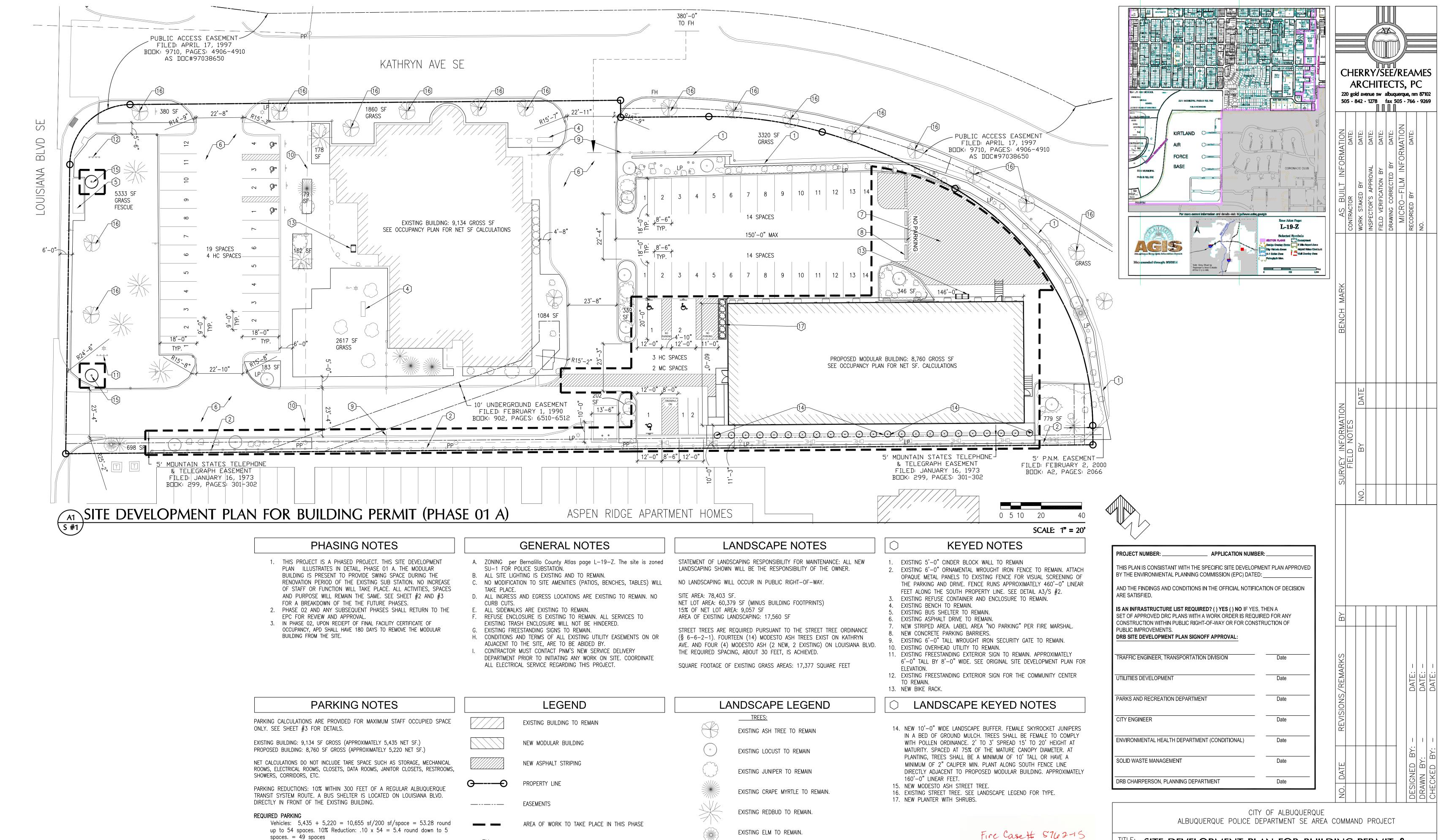
KEYED NOTES

- PROVIDE SANITARY SEWER SERVICE CONNECTION AT EXISTING 10" SANITARY SEWER MAIN, PER COA STD DWG 2125.
- 2. EXISTING 8" WATER LINE.
- 3. EXISTING 10" SANITARY SEWER MAIN.
- 4. PROVIDE SANITARY SEWER CLEANOUT AT THIS LOCATION. SEE DETAIL, THIS SHEET.
- 5. INSTALL 4" SANITARY SEWER. SEE PIPE TRENCHING DETAIL, THIS SHEET.
- 6. PROVIDE SADDLE TAP PRESSURE CONNECTION AT EXISTING WATER MAIN PER COA STD DWG 2301. PROVIDE GATE VALVE AT CONNECTION.
- 7. 2" WATER SERVICE LINE. SEE PIPE TRENCHING DETAIL, THIS SHEET.
- 8. INSTALL WATER METER SERVICE PER COA STD DWG 2362. PROVIDE SHUT-OFF VALVE AND BOX IN LIEU OF A METER AND BOX COORDINATE SIZE
- 9. INSTALL 2" GAS SERVICE LINE. SEE PIPE TRENCHING DETAIL, THIS SHEET.
- 10. CONNECT TO EXISTING GAS MAIN. CONTRACTOR TO FIELD VERIFY SIZE AND LOCATION OF GAS MAIN.



SURVEY INFORMATIONBENCH MARKAS BUILT INFORMATIONFIELD NOTESContractorDATEBYDATEWORK STAKED BYDATE:INSPECTOR'S APPROVALDATE:INSPECTOR'S APPROVALDATE: <tr< th=""><th></th></tr<>	
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ALBUQUERQUE	CITY OF ALBUQUERG POLICE DEPARTMENT SE .		COMMAND PROJ	JECT
LE:	UTILITY PLAN			
gn Review Committee	City Engineer Approval	Last Design Update	MO./DAY/YR.	MO./DAY/YR.
Project No. 6213	Zone Map No. $L-19-Z$	Sheet (C-100	Of



EXISTING CEDAR TO REMAIN.

EXISTING NANDINA TO REMAIN.

EXISTING PHOTINIA TO REMAIN.

SHRUBS:

EXISTING BRADFORD PEAR TO REMAIN.

EXISTING SUNBURST LOCUST TO REMAIN.

Subtotal: 52 spaces

Vehicles: 47 spaces + 7 HC spaces = 54 spaces (2 EXTRA)

Bicycle: 49/20 = 2.5 round up to 3 spaces

EXISTING FIRE HYDRANT TO REMAIN

OTHER RESIDENTIAL PREMISES

(20'-0" TALL)

EXISTING LIGHT POLE TO REMAIN UNTIL PHASE 03 B

CUTOFF ANGLE: THE LOCATION OF THE PROPOSED

ANGLE SHALL BE SUCH THAT IT DOES NOT DIRECTLY

LIGHTING FIXTURE TOGETHER WITH ITS CUT-OFF

SHINE ON ANY PUBLIC RIGHT-OF-WAY OR ANY

EXISTING POWER POLE TO REMAIN (14'-9" TALL)

Handicap 3

Handicap: 7

Bicycle: 5

Motorcycles: 2

PROVIDED PARKING

Motorcycles: 2

TITLE: SITE DEVELOPMENT PLAN FOR BUILDING PERMIT & LANDSCAPE PLAN (PHASE 01 A)

Design Review Committee

City Engineer Approval

City Project No.

Zone Map No.

L-19-Z

Sheet

Of

SHEET #1

OF

4

YDRANT AND FIRE ACCESS

LBUQUERQUE FIRE MARSHAL'S OFFICE

PLANS CHECKING DIVISION SOFT 8760 CONSTRUCTION TYPE

NUMBER OF HYDRANTS 4

APPROVED) DISAPPROVED

SIGNATURE / MAN NUMBER / DATE

