CITY OF ALBUQUERQUE



April 20, 2015

Scott Steffen, PE Bohannan-Huston 7500 Jefferson St NE Courtyard I Albuquerque, NM 87109

Re: Andalucia Villas 5300 Antequera NW, Buildings 3, 4, 13 and 14 Request Permanent C.O. - Accepted Engineer's Stamp dated: 1-18-13 (E12D015C) Certification dated: 4-13-15

Dear Mr. Broughton,

Based on the Certification received 4/13/2015, the site is acceptable for release of Certificate of Occupancy by Hydrology for the above named buildings.

If you have any questions, you can contact me at 924-3695 or Rudy Rael at 924-3977.

PO Box 1293

Albuquerque

New Mexico 87103

New Mexico 8/103

www.cabq.gov C:

RR/RH email

Sincerel

Rita Harmon, P.E. Senior Engineer, Hydrology Planning Department



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title:	Building Permit #:	City Drainage #:
DRB#: EPC#:		Work Order#:
Legal Description:		
City Address:		
Engineering Firm:		Contact:
Address:		
Phone#: Fax#:		E-mail:
Owner:		Contact:
Address:		
Phone#: Fax#:		E-mail:
Architect:		Contact:
Address:		
Phone#: Fax#:		E-mail:
Surveyor:		Contact:
Address:		
Phone#: Fax#:		E-mail:
Contractor:		Contact:
Address:		
Phone#: Fax#:		E-mail:
TYPE OF SUBMITTAL:	CHECK TYPE OF APPROV	AL/ACCEPTANCE SOUGHT:
DRAINAGE REPORT	SIA/FINANCIAL GUARAN	TEE RELEASE
DRAINAGE PLAN 1st SUBMITTAL	PRELIMINARY PLAT APPI	ROVAL
DRAINAGE PLAN RESUBMITTAL	S. DEV. PLAN FOR SUB'D	APPROVAL
CONCEPTUAL G & D PLAN	S. DEV. FOR BLDG. PERMI	IT APPROVAL
GRADING PLAN	SECTOR PLAN APPROVAL	_
EROSION & SEDIMENT CONTROL PLAN (ESC)	FINAL PLAT APPROVAL	
ENGINEER'S CERT (HYDROLOGY)	CERTIFICATE OF OCCUPA	ANCY (PERM)
CLOMR/LOMR	CERTIFICATE OF OCCUPA	ANCY (TCL TEMP)
TRAFFIC CIRCULATION LAYOUT (TCL)	FOUNDATION PERMIT AP	PROVAL
ENGINEER'S CERT (TCL)	BUILDING PERMIT APPRO	DVAL
ENGINEER'S CERT (DRB SITE PLAN)	GRADING PERMIT APPRO	VAL SO-19 APPROVAL
ENGINEER'S CERT (ESC)	PAVING PERMIT APPROV	AL ESC PERMIT APPROVAL
SO-19	WORK ORDER APPROVAL	ESC CERT. ACCEPTANCE
OTHER (SPECIFY)	GRADING CERTIFICATION	N OTHER (SPECIFY)
WAS A PRE-DESIGN CONFERENCE ATTENDED:	Yes No Co	ppy Provided
DATE SUBMITTED:	By:	

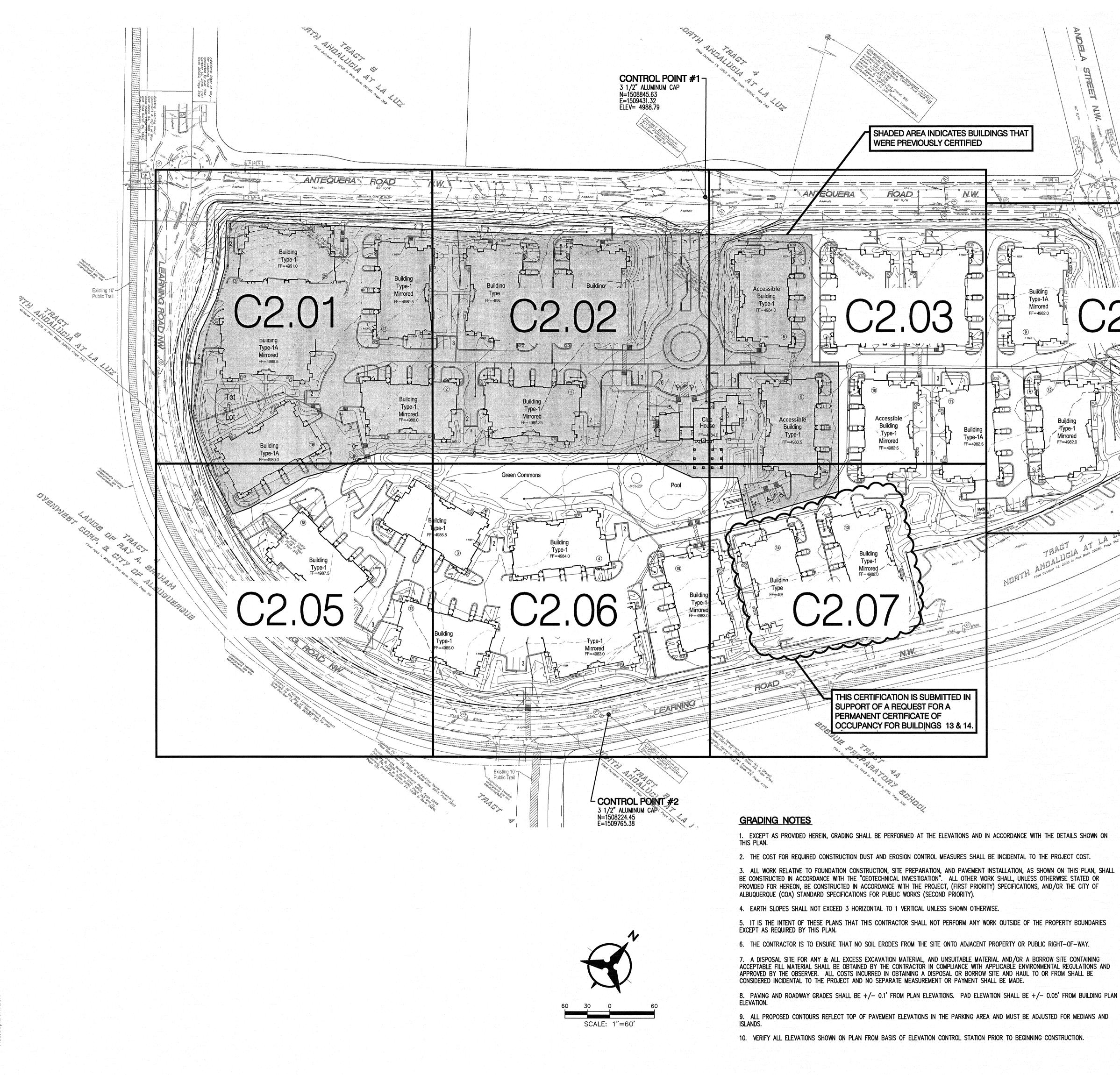
Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location, and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following

1. Conceptual Grading and Drainage Plan: Required for approval of Site Development Plans greater than five (5) acres and Sector Plans

2. Drainage Plans: Required for building permits, grading permits, paving permits and site plans less than five (5) acres

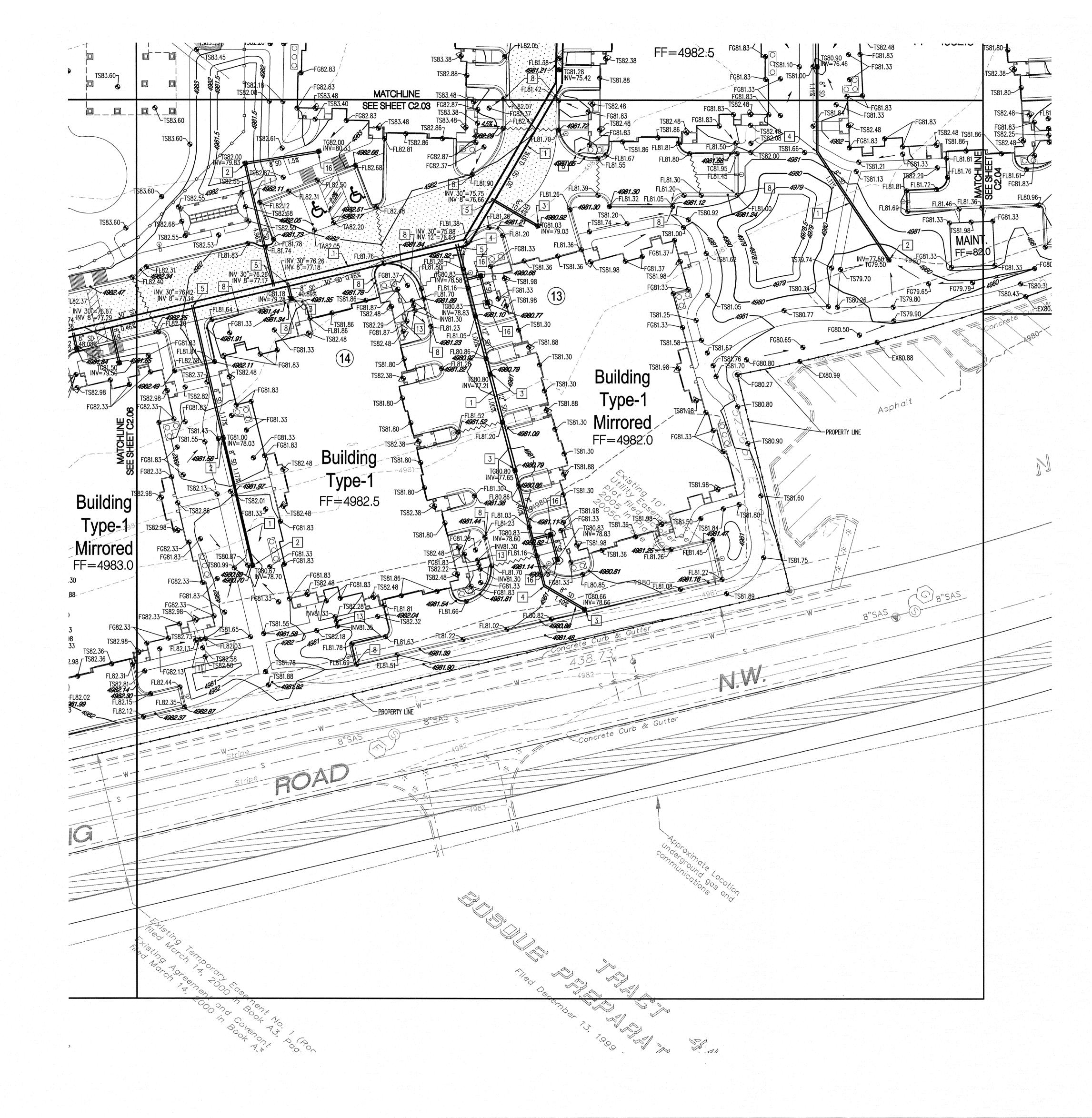
3. **Drainage Report**: Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more

4. Erosion and Sediment Control Plan: Required for any new development and redevelopment site with 1-acre or more of land disturbing area, including project less than 1-acre than are part of a larger common plan of development



7. A DISPOSAL SITE FOR ANY & ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL AND/OR A BORROW SITE CONTAINING ACCEPTABLE FILL MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL OR BORROW SITE AND HAUL TO OR FROM SHALL BE

Designed by: PROJECT BENCHMARK Drawn by: Architect of Record 1/18/13 Date Plotted: Albuquerque Control Survey Monument "13-E11" Issue for Pricing / Bidding: ĊD New Mexico State Plane, Central Zone (NAD 83) coordinates as published: North= 1,511,150.048 Issue for Permit Application: East= 1,507,830.738 Elevation= 5,109.053 feet (NAVD 88) Delta Alpha= -00°15'19.38" Issue for Construction R evisions: Combined ground to grid factor= 0.999679673 # DATE COMMENTS , NM OPMENT S UERQUE, DEVEL(UCIA ALBUQU BAY HILLS I AL AND, Thicklight Dos offon 14171 \sum **usto** $\langle \langle$ DRAINAGE CERTIFICATION Bohannan I, GLENN S. BROUGHTON, NMPE 14171, OF THE FIRM BOHANNAN HUSTON INC., HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 1/18/2013. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY DAVID P. ACOSTA, NMPS 21082, OF THE FIRM CONSTRUCTION SURVEY TECHNOLOGIES, INC. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 4/1/2015 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR A PERMANENT CERTIFICATE OF OCCUPANCY FOR BUILDINGS 13 & 14. THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT SHEET CONTENTS: VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER **OVERALL GRADING &** PURPOSE. DRAINAGE PLAN 4/13/15 DATE: GLENN S. BROUGHTON, NMPE 14171 SHEET NO. LEGEND C2.00 FL70.22 DESIGN GRADE -4984.88 AS-BUILT GRADE 10350



(20120057)(CDP/Plans)(General\20120057gp07.dwg, April 13, 2015 - 8:4 other hvr BORTFGA

☐ GRADING KEYED NOTES

1. INSTALL HDPE STORM DRAIN WITH WITH WATER TIGHT JOINTS. SEE PLAN FOR SIZE, SLOPE & INVERT ELEVATIONS.

2. INSTALL NYLOPLAST INLINE DRAIN WITH 12" DOMED GRATE.

3. INSTALL NYLOPLAST 2'x2' TRAFFIC RATED INLET & GRATE.

4. INSTALL PREFABRICATED BEND WITH WATER TIGHT JOINTS.

5. INSTALL PREFABRICATED INSERTA TEE.

6. CONNECT TO EXISTING STORM DRAIN STUB OUT WITH CONCRETE COLLAR.

7. INSTALL 18" WIDE SIDEWALK CULVERT PER COA STD DWG 2236.

8. CONSTRUCT 12" WIDE CURB OPENING FOR DRAINAGE.

9. INSTALL PREFABRICATED INSERTA WYE.

10. INSTALL 4' DIA TYPE "E" STORM DRAIN MANHOLE PER COA STD DWG 2102.

11. INSTALL 12" WIDE SIDEWALK CULVERT PER COA STD DWG 2236.

12. INSTALL 6' DIA TYPE "E" STORM DRAIN MANHOLE PER COA STD DWG 2102.

13. INSTALL 6" SDR-35 PVC PIPE.

14. TRANSITION FROM 6" HIGH CURB TO FLUSH CURB.

15. MAINTAIN A 4' WIDE PEDESTRIAN WALKWAY WITH A 2.0% MAXIMUM CROSS SLOPE.

16. INSTALL NYLOPLAST INLINE DRAIN WITH 8" DOMED GRATE.

17. INSTALL NYLOPLAST INLINE DRAIN WITH 18" DOMED GRATE.18. INSTALL NYLOPLAST JUNCTION STRUCTURE.

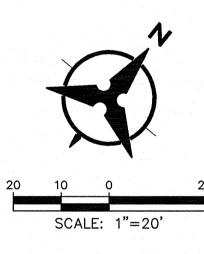
19. INSTALL 4' DIA TYPE "C" STORM DRAIN MANHOLE PER COA STD DWG 2101.

20. CONSTRUCT 12" WIDE CONCRETE RIBBON CHANNEL PER COA STD DWG 2236, OMIT CHECKERED STEEL PLATE.

21. CONSTRUCT 3'-0" WIDE x 12" DEEP RIP-RAP RUNDOWN. 4"-6" ROCK OVER NON-WOVEN FILTER FABRIC.

22. INSTALL NYLOPLAST 2'x2' TRAFFIC RATED INLET & GRATE. CONNECT TO SANITARY SEWER SYSTEM. SEE UTILITY PLAN FOR DETAILS.

NOTE: IN LOCATIONS REQUIRING CURB OPENINGS FOR DRAINAGE (KEYED NOTE 8) THE FINISHED SURFACE OF LANDSCAPE MATERIAL SHALL BE AT EQUAL ELEVATION WITH THE ADJACENT ASPHALT PAVEMENT OR CONCRETE GUTTER.



DRAINAGE CERTIFICATION

I, GLENN S. BROUGHTON, NMPE 14171, OF THE FIRM BOHANNAN HUSTON INC., HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 1/18/2013. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY DAVID P. ACOSTA, NMPS 21082, OF THE FIRM CONSTRUCTION SURVEY TECHNOLOGIES, INC. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 4/1/2015 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR A PERMANENT CERTIFICATE OF OCCUPANCY FOR BUILDINGS 13 & 14.

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PURPOSE. GLENN S. BROUGHTON, NMPE 14171 LEGEND FL70.22 DESIGN GRADE

∽*4984.88* AS-BUILT GRADE

Desig	ned by:	BJS / GSB		
Drawn by:		BO		
				1/18/13
		Issue	for Pricing / Bidding:	
Issue	for Permit Applicatio	n:		
Issue	for Construction			
Revisi	ons:			
#	DATE	COMMENTS		







SHEET CONTENTS: GRADING & DRAINAGE PLAN

SHEET NO.

C2.07

10350



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title:	Building Permit #:	City Drainage #:
DRB#: EPC#:		Work Order#:
Legal Description:		
City Address:		
Engineering Firm:		Contact:
Address:		
Phone#: Fax#:		E-mail:
Owner:		Contact:
Address:		
Phone#: Fax#:		E-mail:
Architect:		Contact:
Address:		
Phone#: Fax#:		E-mail:
Surveyor:		Contact:
Address:		
Phone#: Fax#:		E-mail:
Contractor:		Contact:
Address:		
Phone#: Fax#:		E-mail:
TYPE OF SUBMITTAL:	CHECK TYPE OF APPROV	AL/ACCEPTANCE SOUGHT:
DRAINAGE REPORT	SIA/FINANCIAL GUARAN	TEE RELEASE
DRAINAGE PLAN 1st SUBMITTAL	PRELIMINARY PLAT APPI	ROVAL
DRAINAGE PLAN RESUBMITTAL	S. DEV. PLAN FOR SUB'D	APPROVAL
CONCEPTUAL G & D PLAN	S. DEV. FOR BLDG. PERMI	IT APPROVAL
GRADING PLAN	SECTOR PLAN APPROVAL	_
EROSION & SEDIMENT CONTROL PLAN (ESC)	FINAL PLAT APPROVAL	
ENGINEER'S CERT (HYDROLOGY)	CERTIFICATE OF OCCUPA	ANCY (PERM)
CLOMR/LOMR	CERTIFICATE OF OCCUPA	ANCY (TCL TEMP)
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ENGINEER'S CERT (TCL)	BUILDING PERMIT APPRO	DVAL
ENGINEER'S CERT (DRB SITE PLAN)	GRADING PERMIT APPRO	VAL SO-19 APPROVAL
ENGINEER'S CERT (ESC)	PAVING PERMIT APPROV	AL ESC PERMIT APPROVAL
SO-19	WORK ORDER APPROVAL	ESC CERT. ACCEPTANCE
OTHER (SPECIFY)	GRADING CERTIFICATION	N OTHER (SPECIFY)
WAS A PRE-DESIGN CONFERENCE ATTENDED:	Yes No Co	ppy Provided
DATE SUBMITTED:	By:	

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Bohannan 🛦 Huston

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335

www.bhinc.com

voice: 505.823.1000 facsimile: 505.798.7988 toll free: 800.877.5332

April 13, 2015

Ms. Racquel Michel, P.E. Transportation Development Section City of Albuquerque 600 2nd Street NW Albuquerque, NM 87102

Re: Traffic Circulation Layout Engineer's Certification – Buildings 3 and 4 Andalucia Villas (F12)

Dear Racquel:

Enclosed for your review is the approved Site Plan dated February 3, 2012. I visited the site on April 1, 2015 and it is my belief that the traffic and pedestrian improvements have been constructed in substantial compliance with the approved site plan.

Your review and approval is requested for a **Permanent Certificate of Occupancy** for the buildings noted above. I appreciate your time and consideration. If you have questions or require additional information, please contact me at 823-1000.

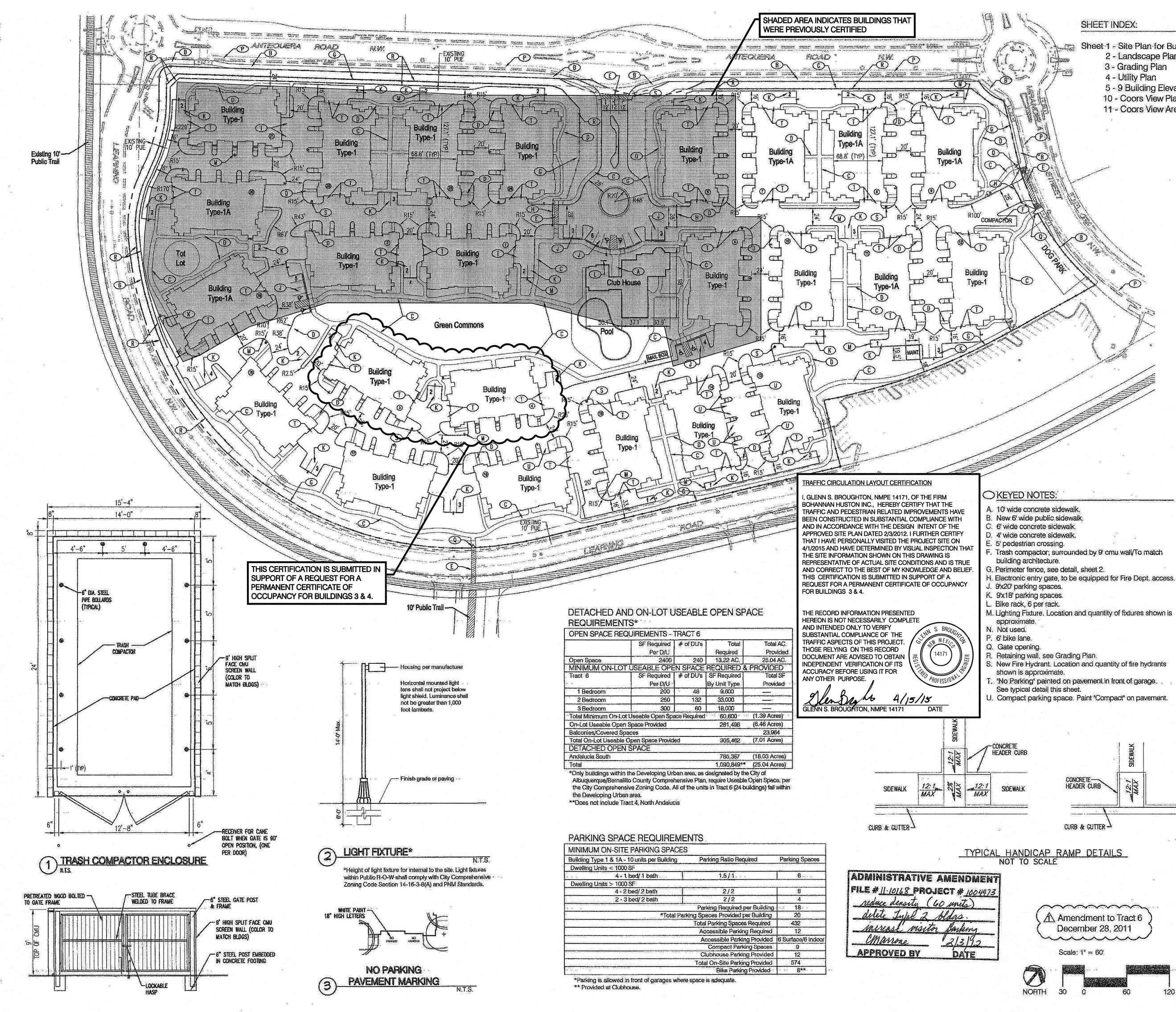
Sincerely,

Glenn S. Broughton, P.E. Senior Project Manager Community Development & Planning

GSB/jcm Enclosure

Engineering **A**

- Spatial Data 🔺
- Advanced Technologies **A**



CONCRETE-

CURB & GUTTER -

December 28, 2011

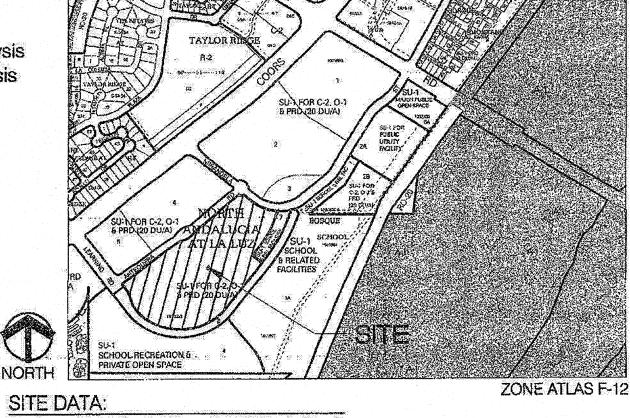
Scale: 1'' = 60'

30

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SHEET INDEX:

- Sheet 1 Site Plan for Building Permit
 - 2 Landscape Plan
 - 3 Grading Plan
 - 4 Utility Plan
 - 5 9 Building Elevations
 - 10 Coors View Plane Analysis
 - 11 Coors View Area Analysis



Zoning: SU-1 for C-2 Uses (±23.3 Acres Max.), O-1 Uses (±11.7 Acres Max.),

SITE VICINITY

PRD (20 du/ac.) Land Use designation per Site Plan for Subdivision:PRD Acreage: 15.86 Ac.

PLUEDING CALCULATIONS:

Building Type	#Bldgs	Total Units
Type 1 - 10 Units	18	180
Type 1A - 10 Units	6	60
Total	24	240

GENERAL NOTES:

- 1. This Site Development Plan for Building Permit amends the EPC approved Site Development Plan for Building Permit (Project #1004433-05EPC01567-06DRB01888):
- 2. This Site Development Plan for Building Permit applies to Tract 6, North Andalucia at La Luz only. It shall be consistent with the approved Site Plan for
- Subdivision (Project #1003859; 04EPC01845). 3. Site design shall comply with the Coors Corridor Plan view guidelines. (see
- Sheets 10-11 for more detail).
- 4. Overall Gross Density is 15.13 du/ac.

PROJECT NUMBER: 1004473

Application Number: 0558001567 060KB-01888

Is an infrastructure List required? () Yes () No If yes, then a set of approved DRC plans with a work order is required for any construction within Public Right-of-Way or for construction of public improvements. DRB SITE DEVELOPMENT PLAN APPROVAL:

Jel Asc	9-5-05
Transpostation Division	Date
Nater Utility, epartment	Date
Parks and Recreation Department	8/23/06 Date
Bradley J. Bringham City Engineer	<u>8:23/06</u> Date ;
N/A * Environmental Health Department-(conditional)	Date
Michael Holton	Flelit
Solid Waste Management	Date 3-29-11
DRB Chairperson, Planning Department	Date
*** A second se Second second seco	PT0. 7

North Andalucia

at Ca Cuz

Amendment Tract 6, Site Plan for Building Permit

Prepared for: Andalucia Villas, LLP 300 Benton Road Bossier City, LA 71111



Prepared by:

Consensus Planning, Inc. 302 Eighth St NW Albuquerque, NM 87102

Bohannan Huston, Inc. Courtyard 1, 7500 Jefferson St. NW Albuquerque, NM 87109

Humprey's and Partners Architects, LP 5350 Alpha Rd Dallas, Tx 75240

> Sheet 1 of 11 August 9, 2006