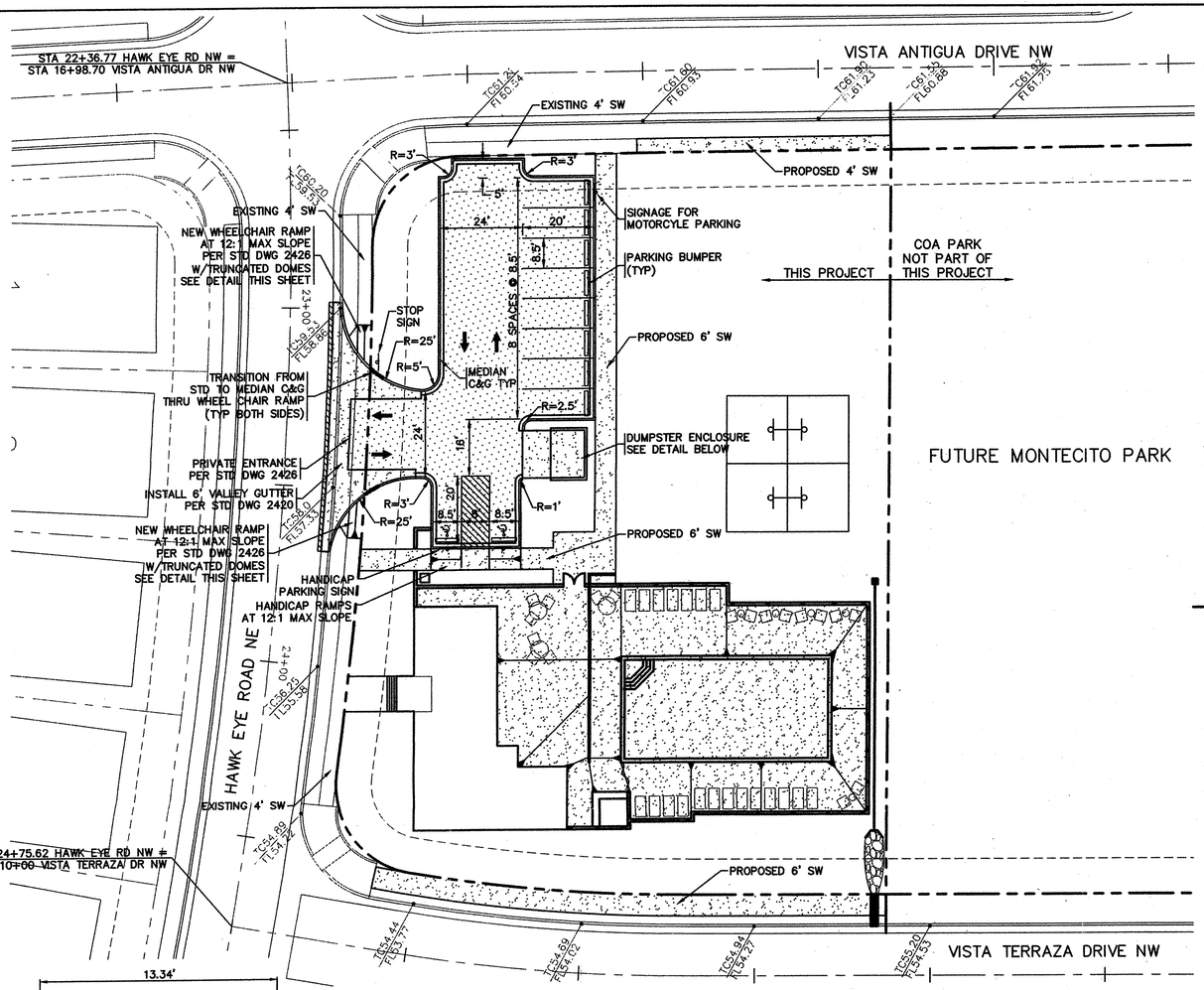


PARKING REQUIREMENTS:

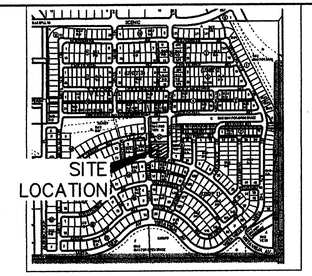
14-16-2-23 SU-2 SPECIAL NEIGHBORHOOD ZONE
NO SPECIFICATION

14-16-3-1 A(5) CLUB
A(21) OFFICES
ONE SPACE FOR EACH 200 SQUARE FEET

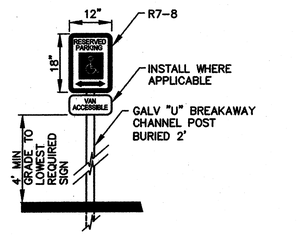
1859 Sq Ft = 1859/200 = 9 SPACES

SPACES PROVIDED:

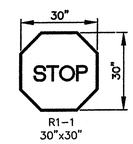
ADA PARKING = 2
OTHER = 8
10 TOTAL SPACES



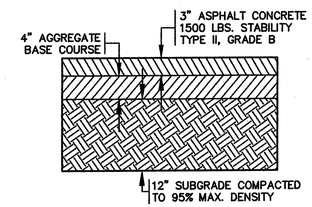
LOCATION MAP
ZONE ATLAS MAP NO. D-9



HANDICAP PARKING SIGN
NTS



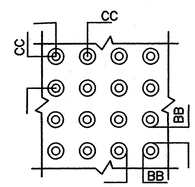
STOP SIGN



PAVEMENT SECTION
SCALE: 1" = 1'

Public Infrastructure shown on these plans for information only and not part of approval. Separate DRC/Permit approval and Work Order required.

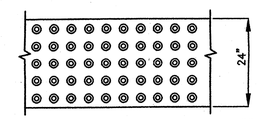
TRAFFIC CIRCULATION LAYOUT APPROVED
Signed 9/25/08 Date



DOME SPACING
NTS

CC – CENTER TO CENTER SPACING 1.6" TO 2.4" MAX

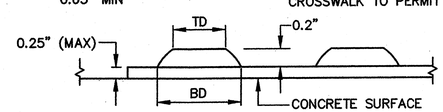
BB – BASE TO BASE SPACING 0.65" MIN



DOME ALIGNMENT
NTS

ALL WHEELCHAIR RAMPS LOCATED WITHIN THE PUBLIC RIGHT OF WAY MUST HAVE TRUNCATED DOMES.

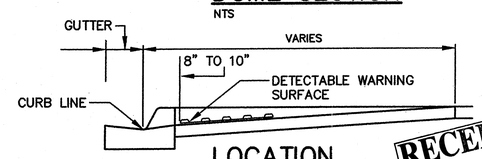
DETECTABLE WARNING SURFACES SHALL EXTEND 24" MIN IN THE DIRECTION OF TRAVEL AND FULL WIDTH OF THE CURB RAMP, LANDING, OR TRANSITION. DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF THE CROSSWALK TO PERMIT WHEELS TO ROLL BETWEEN DOMES.



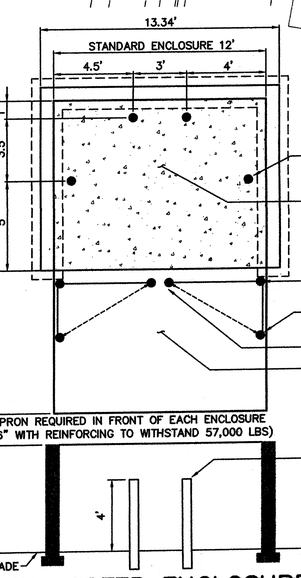
BD – BASE DIAMETER
0.9" MIN TO 1.4" MAX

TD – TOP DIAMETER
50% OF BD MIN TO 65% OF BD MAX

DOME SECTION
NTS



LOCATION
NTS



NOTES:
DIMENSIONS GIVEN ARE THE MINIMUM WIDTH, LENGTH AND HEIGHT FOR VARIED TYPES OF ENCLOSURES. DIMENSIONS GIVEN ARE TO THE INSIDE OF ENCLOSURE WALLS AND ARE THE MINIMUM SIZES REQUIRED FOR THE SLAB ITSELF. FOOTING WILL VARY WITH THE DESIGN OF THE ENCLOSURE.

SIDE BOLLARDS MAY BE REQUIRED
BOLLARDS ARE TO BE 6" FROM WALL

CONCRETE SLAB:
6" THICK, 4000 PSI, 3/4" AGGREGATE
W/6x6-10/10 WWM OR
EQUAL SLOPE TO DRAIN 1/8" PER FOOT

SEPARATE BOLLARDS FOR GATES

HOLES IN APRON FOR GATE PIN

DRILL HOLES IN PAD FOR GATE PIN

APRON:
6" THICK, 4000 PSI, 3/4" AGGREGATE
W/5x6-10/10 WWM OR EQUAL 12' x 8'
WITH 1/2" EXPANSION JOINT
FOOTING: AS REQUIRED BY DESIGN

APRON REQUIRED IN FRONT OF EACH ENCLOSURE (6" WITH REINFORCING TO WITHSTAND 57,000 LBS)

6" OUTSIDE DIAMETER CONCRETE FILLED STEEL PIPE SHALL BE ENCASED IN 12" CONRETE ALL AROUND AND EMBEDDED 2'

(A) DUMPSTER ENCLOSURE DETAIL
SCALE: 1"=4'

TRAFFIC CERTIFICATION

I, Jason R. Woodruff, NMPE OR NMRA 17179, OF THE FIRM Wilson & Company, HEREBY CERTIFY THAT THIS PROJECT IS IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE DRB, AA OR TCL APPROVED PLAN DATED 9-25-08 I FURTHER CERTIFY THAT I HAVE PRERSONALLY VISTED AND INSPECTED THE PROJECT SITE ON 7-13-09. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR C.O.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE TRAFFIC ASPECTS OF THIS PROJECT. THOSE RELYING ON THE RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

Jason R. Woodruff, NMPE # 17179

7-14-09
Date

JASON R. WOODRUFF NEW MEXICO 17179 REGISTERED PROFESSIONAL ENGINEER 7-14-09

LEGEND

CONCRETE

ASPHALT PAVING

SCALE: 1 INCH = 20 FT.

WCEA #X3218078
SEP 2008

VISTA VIEJA COMMUNITY CENTER
(WITHIN VISTA VIEJA SUBDIVISION – UNIT 4)

RECEIVED
SEP 25 2008
HYDROLOGY SECTION

RECEIVED
JUL 15 2009
HYDROLOGY SECTION

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

VISTA VIEJA COMMUNITY CENTER
TRAFFIC CIRCULATION LAYOUT

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
7633.84	D-9	1	1

WILSON & COMPANY

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY
INSPECTOR'S ACCEPTANCE BY
FIELD VERIFICATION BY
DRAWINGS CORRECTED BY
DATE

BENCH MARKS
THE STATION IS A 3 1/2" ALUMINUM CAP SET FLUSH IN THE LAVA OUTCROP, AND IS STAMPED "ACS B-C10, 1986". (NAD 1927).
X= 361860.83, Y= 1521476.37
ELEVATION = 5390.130 FT. (SLD 1929)

MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
JASON R. WOODRUFF NEW MEXICO 17179 REGISTERED PROFESSIONAL ENGINEER 9-25-08

NO.	DATE	REMARKS	BY

REVISIONS

WILSON & COMPANY, ENGINEERS & ARCHITECTS		
DESIGNED BY	RSM	DATE DEC 2007
DRAWN BY	STAFF	DATE DEC 2007
CHECKED BY	DSA	DATE DEC 2007

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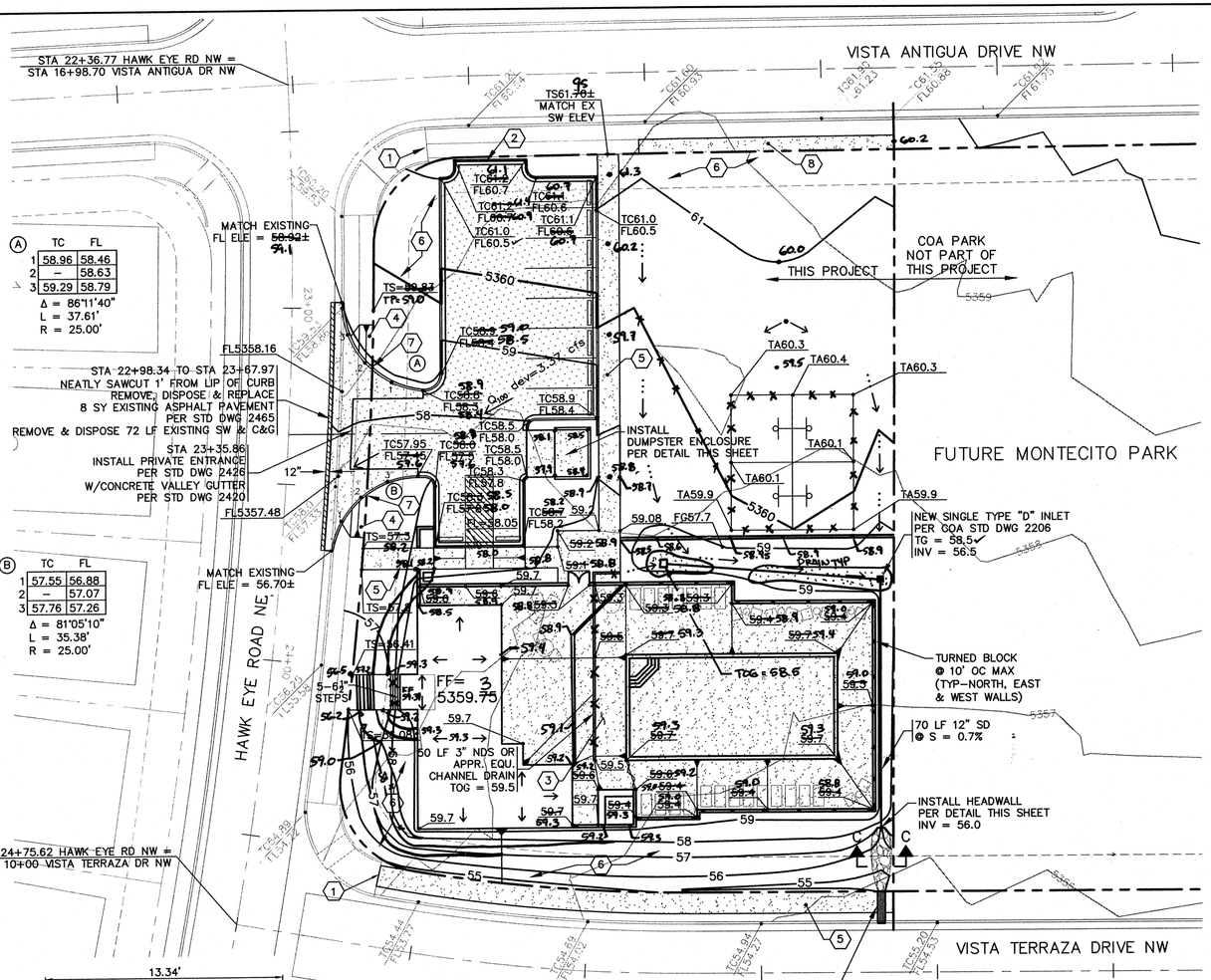

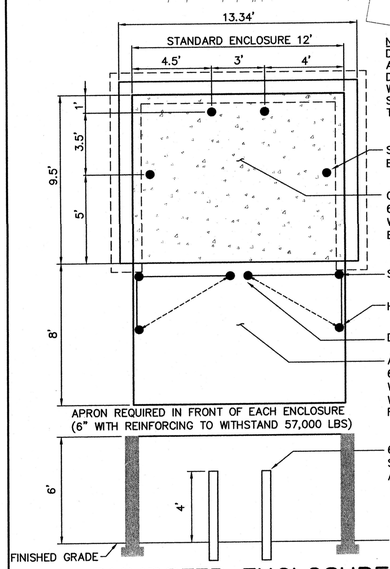

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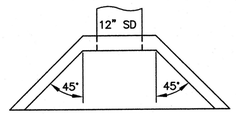
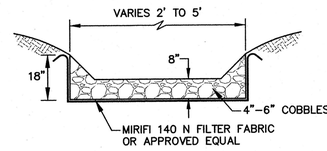
- SEPARATE BOLLARDS FOR GATES
- HOLES IN APRON FOR GATE PIN
- DRILL HOLES IN PAD FOR GATE PIN
- APRON: 6" THICK, 4000 PSI, 3/4" AGGREGATE W/5x6–10/10 WWM OR EQUAL 12' x 8' WITH 1/2" EXPANSION JOINT FOOTING: AS REQUIRED BY DESIGN
- 6" OUTSIDE DIAMETER CONCRETE FILLED STEEL PIPE SHALL BE ENCASED IN 12" CONRETE ALL AROUND AND EMBEDDED 2'

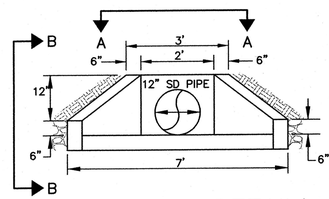
(A) DUMPSTER ENCLOSURE DETAIL
SCALE: 1"=4'



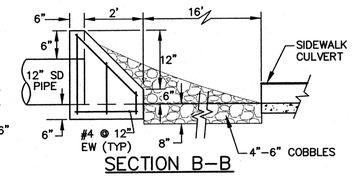
SECTION A–A



SECTION C–C



(B) HEADWALL DETAIL
SCALE: 1" = 2'



SECTION B–B

VISTA VIEJA COMMUNITY CENTER
(WITHIN VISTA VIEJA SUBDIVISION – UNIT 4)

Project Location

The proposed Community Center site covers approximately 0.715 acres and is bounded by Vista Terraza Drive on East, Vista Antigua Drive on West of Future City Park on the North and Hawk Eye Road on Southside. The current Legal description of site is TRACT E, UNIT 4 PLAT OF VISTA VIEJA SUBD UNITS THREE & FOUR.

The property is contained within the Vista Vieja development for which the Master Drainage Plan was approved. The purpose of the report is to present the drainage management plan for the new Community Center building in order to obtain the Building Permit and Grading and Drainage Plan approval. All applicable ordinances of the DPM and AHYMO were utilized to prepare this plan.

Drainage Design Criteria

The design criteria used in this report is in accordance with Section 22.2 of the City of Albuquerque Development Process Manual (DPM). The 100-year, 6-hour storm event was utilized to determine site runoff using P (1 hr) = 1.87, P (6 hr) = 2.20 and P (24 hr) = 2.66 obtained from the Table A-2 page 22-8 of DPM. The onsite developed Land Treatment values used were Treatment B=5%, Treatment C=15% and Treatment D= 80%.

Existing Driange Condition

The existing topography slopes from west to the east. The proposed development is found on FEMA flood insurance rate map number 3500020007-C (See Flood Map). The Web Soil Survey designates the existing earth to be sandy soils of the Madurey-Wink and Latene (LTB) Assocaition. Wilson & Company submitted a master driange plan covering the subject property in connection with its work on the original Vista Vieja development dated October 2004. According the approved driange master plan, the runoff from the site is designed to enter into Existing Pond located in Vista Vieja One. As a result there is no additional public drainge infrastructure needed in connection with the propsed Community Center. There are no offsite flows that enter into the site.

Developed Driange Condition

According to AHYMO, the total Developed Conditions flow from this site is 3.37 cfs, which is less than the allowable maximunm 8 cfs from the approved master Grading and Drainage Plan for Vista Vieja development dated October 2004. The runoff from the devloped site is freely discharged into Hawk Eye Road and from there it is carried into the 4 Ac.ft Detention Pond located at the Southwest corner of Vista Vieja Subdivision Unit One

Conclusions

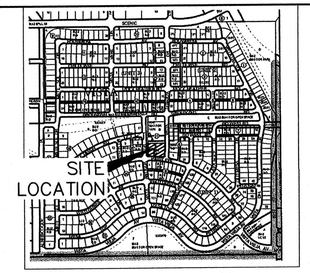
The proposed driange scheme for the new building can be easily accommodated with the implementation of this plan. It has been adequately shown in this report that the internal conveyance of storm water to off-site facilities can be accomplished while meeting all current City requirements.

KEYED NOTES

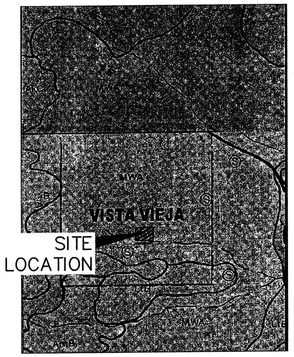
1. MATCH NEW 4' SIDEWALK TO EXISTING WHEELCHAIR RAMP ELEVATIONS
2. NEW MEDIAN CURB & GUTTER PER COA STD DWG 2415A
3. GRADE CONCRETE AWAY FROM POOL TO DRAIN
4. NEW WHEELCHAIR RAMP PER COA STD DWG 2426
5. NEW 6' PCC SIDEWALK PER COA STD DWG 2430
6. NEW LANDSCAPE AREA – SEE LANDSCAPE PLANS
7. TRANSITION CURB FROM STANDARD TO MEDIAN CURB AT WHEELCAHIR RAMP
8. NEW 4' PCC SIDEWALK PER COA STD DWG 2430

LEGEND

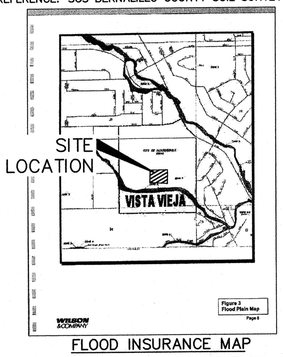
5360	PROPOSED INDEX CONTOUR
59	PROPOSED INTERMEDIATE CONTOUR
5360	EXISTING INDEX CONTOUR
	EXISTING INTERMEDIATE CONTOUR
TCXX.XX / TAXX.XX	PROPOSED SPOT ELEVATION
TA	TOP OF ASPHALT
TC	TOP OF CURB
TS	TOP OF SIDEWALK
FL	FLOW LINE
FG	FINISHED GRADE
	NEW CONCRETE
→	FLOW DIRECTION



LOCATION MAP
ZONE ATLAS MAP NO. D–9



SOILS MAP
REFERENCE: SCS BERNALILLO COUNTY SOIL SURVEY



FLOOD INSURANCE MAP
REFERENCE: FLOOD INSURANCE STUDY
PANEL.07

"DRAINAGE CERTIFICATION"

I, Jason R. Woodruff, NMPE # 17179 , OF THE FIRM Wilson & Company , 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 9-25-08 . THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY Thomas W. Patrick , NMPS # 12651 , OF THE FIRM Community Sciences Inc . I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 7-13-09 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 FOR A REQUEST FOR Certificate of Occupancy .

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 THE RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

Jason R. Woodruff, NMPE # 17179
7-20-09
Date

JASON R. WOODRUFF NEW MEXICO 17179 LICENSED PROFESSIONAL ENGINEER

SCALE: 1 INCH = 20 FT.

WCEA #X3218078
SEP 2008

WILSON & COMPANY

AS–BUILT INFORMATION
CONTRACTOR / DATE
WORK STAKED BY / DATE
INSPECTOR'S ACCEPTANCE BY / DATE
FIELD VERIFICATION BY / DATE
DRAWINGS CORRECTED BY / DATE
MICRO–FILM INFORMATION
RECORDED BY / DATE
NO.

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SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
JASON R. WOODRUFF NEW MEXICO 17179 LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

WILSON & COMPANY, ENGINEERS & ARCHITECTS
DESIGNED BY RSM DATE DEC 2007
DRAWN BY STAFF DATE DEC 2007
CHECKED BY DSA DATE DEC 2007

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

VISTA VIEJA COMMUNITY CENTER
GRADING & DRAINAGE PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
7633.84	D–9		

RECEIVED
JUL 20 2009
HYDROLOGY SECTION

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