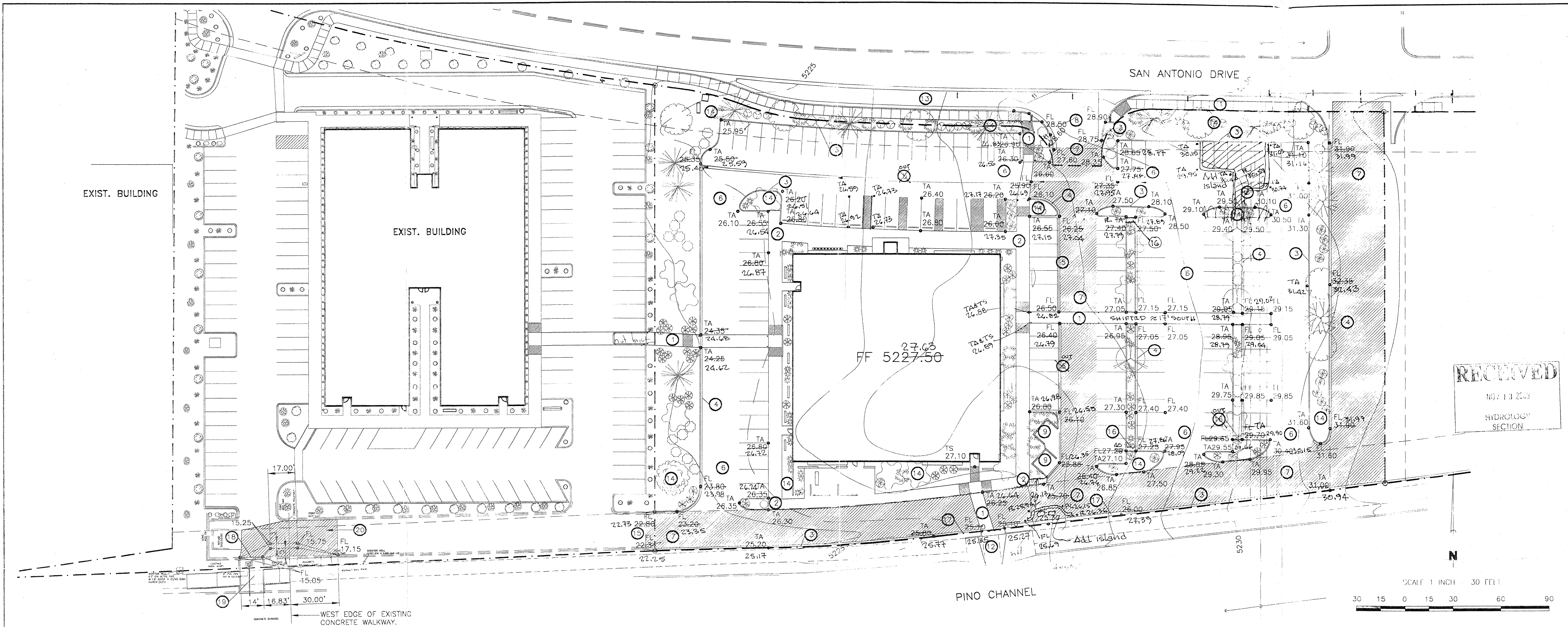
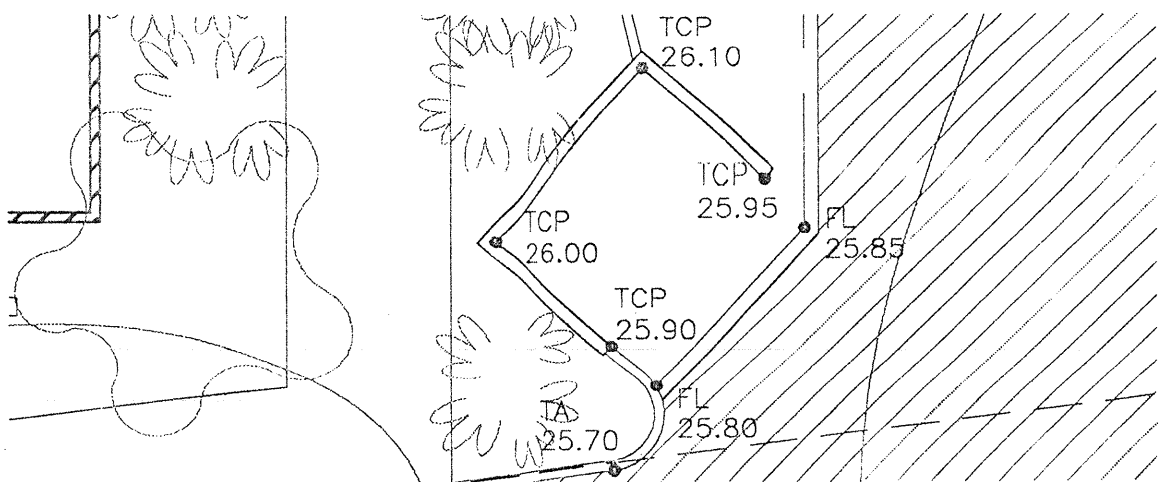
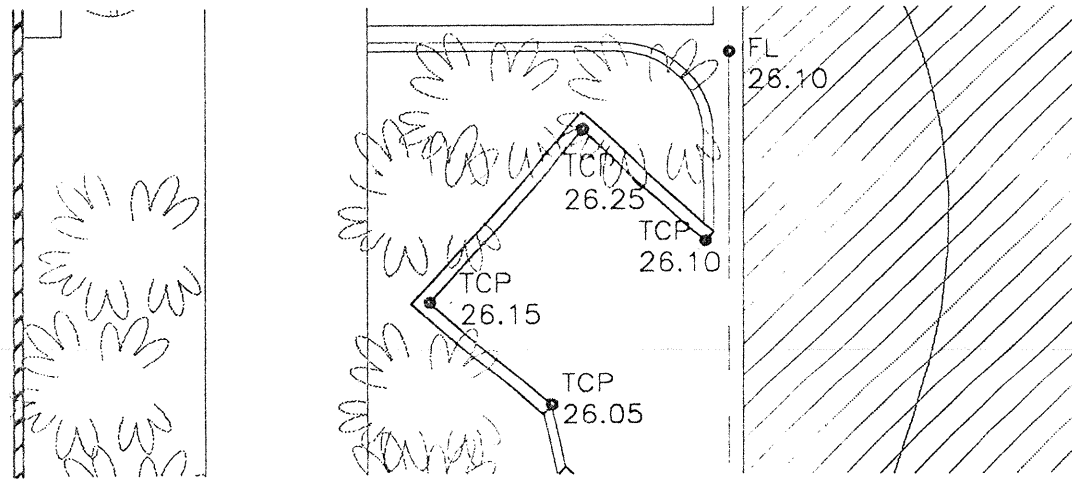
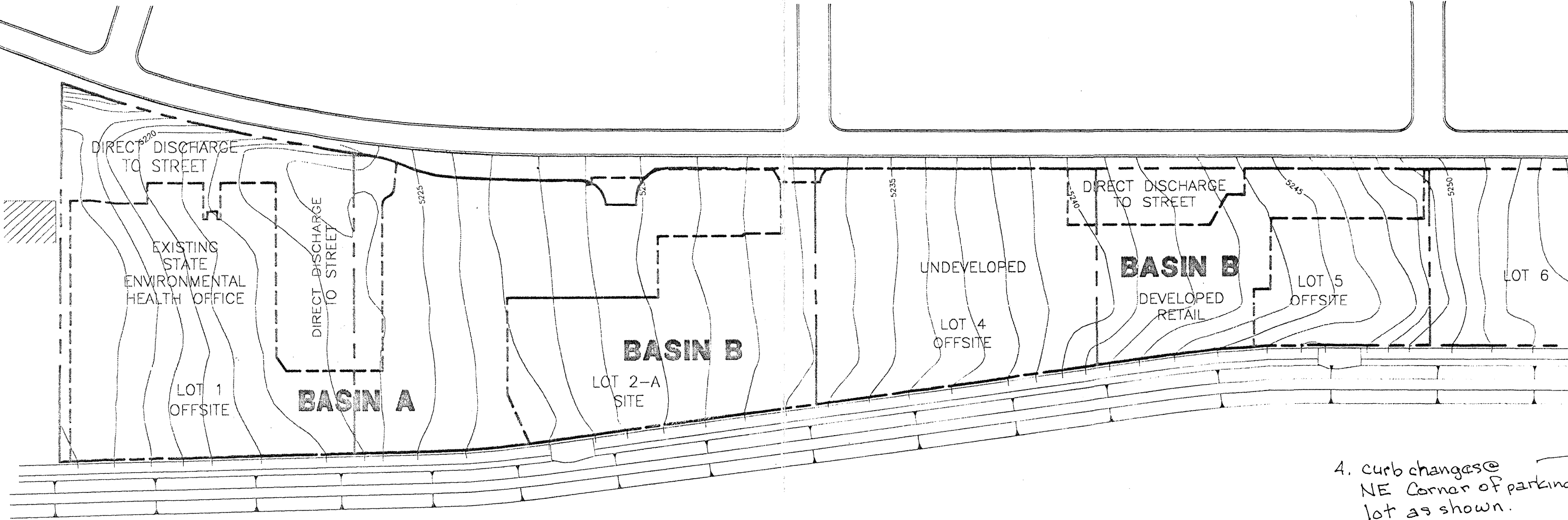
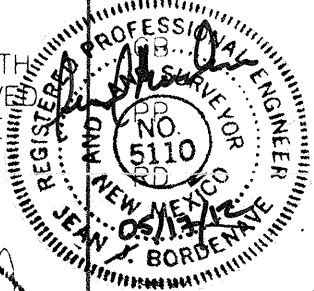




SOUTH REFUSE ENCLOSURE GRADING		NORTH REFUSE ENCLOSURE GRADING		DRAINAGE NOTES		LEGAL DESCRIPTION		KEYED NOTES	
				1. THE ENTIRE SUBDIVISION IS BEING BUILT ON AN OLD LANDFILL; THE SURFACE IS DISTURBED AND COMPACTED. LANDSCAPING IS RESTRICTED TO XERIC PLANTS AND STONE. RUNOFF FROM LOTS 4 AND A PORTION OF LOT 5 ARE DESIGNED TO ENTER THE SUBJECT SITE VIA A PLATTED DRAINAGE EASEMENT ALONG THE SOUTH SIDE OF THE LOTS TO ACCESS THE PINO ARROYO CHANNEL AT AN EXISTING SIDE CHANNEL INLET LOCATED NEAR THE MIDDLE OF THE SUBJECT SITE. THE RUNOFF FROM THE WESTERLY SIDE OF THE SUBJECT SITE AND LOT 1 IS ROUTED TO THE WEST SIDE OF LOT 1 TO A SIDE CHANNEL INLET TO BE CONSTRUCTED IN CITY PROJECT NO. 735184. LOT 1 IS DEVELOPED, LOT 2A IS THE SUBJECT SITE, LOT 4 IS VACANT AND LOT 5 IS UNDER CONSTRUCTION. LOTS 4 & 5 ARE CALCULATED AS BEING 90% AND 96% IMPERVIOUS RESPECTIVELY WITH THE BALANCE OF THE LOT BEING LAND TREATMENT C. 2. THE SITE IS LOCATED IN COA PRECIPITATION ZONE 3. FLOW RATES TO THE PINO ARROYO FROM BASINS A & B INCREASE BY 12.06 CFS AND 13.24 CFS FOR THE 10 YEAR AND 100 YEAR, 6 HOUR STORMS DUE TO DEVELOPMENT. RUNOFF VOLUMES INCREASE BY 22331 CF AND 26301 CF FOR THE TWO STORMS. 3. THE SITE IS LOCATED IN ZONE X PER FEMA FIRM MAP NO. 137 DATED NOVEMBER, 2003. 4. TOPO SHOWN ON THIS PLAN WAS OBTAINED BY BASELINE FIELD SERVICES, INC. IN 2004 AND 2008.		LOT 2A, JJ SUBDIVISION		1. SIDEWALK. SEE DETAIL SHEET CD. THICKEN TO 7" IN PARKING AREAS. 2. TURNDOWN SIDEWALK. SEE DETAIL SHEET CD. 3. SHADER CURB. SEE DETAIL SHEET CD. 4. CURB AND GUTTER. SEE DETAIL SHEET CD. 5. CONCRETE VALLEY GUTTER. 6. ASPHALT PAVEMENT - LIGHT DUTY. SEE DETAIL SHEET CD. 7. ASPHALT PAVEMENT - HEAVY DUTY (HATCHED AREA). SEE DETAIL SHEET CD. 8. 30' FOOT WIDE PRIVATE ENTRANCE DETAIL. SEE COA PROJECT NO. 735184. 9. REFUSE ENCLOSURE. 10. REMOVE EXISTING ASPHALT, REGRADE AND REPLACE PAVEMENT. 11. BUILD NEW SIDE INLET TO PINO CHANNEL PER CITY PROJECT NO. 735184. 12. EXISTING SIDE INLET TO PINO ARROYO CHANNEL w/ CONCRETE FILLED STEEL PIPE BOLLARDS. SEE COA PROJECT NO. 735184 FOR DETAILS. EXTEND CONCRETE FROM EXISTING INLET TO BACK OF CURB. 13. N-W DECELERATION LANE, CURB & GUTTER AND SIDEWALK PER CITY PROJECT NO. 735184. 14. LANDSCAPE 15. CONNECT TO EXISTING CURBS AND ASPHALT PAVEMENT APPROXIMATELY 5 FEET WEST OF PROPERTY LINE. 16. 2' WIDE CONCRETE CHANNEL. SEE DETAIL SHEET CD. 17. CURB AND GUTTER PER CITY OF ALBUQUERQUE STD. DWG. 2415A MODIFIED TO 10" HIGH CURB FACE. 18. 14" WIDE CURB OPENING. 19. N-W SIDE CHANNEL INLET TO PINO ARROYO CHANNEL. SEE CITY PROJECT 735184 FOR DETAILS. 20. SAW CUT, REMOVE AND DISPOSE EXISTING ASPHALT (CROSS HATCHED AREA). PLACE NEW ASPHALT (HEAVY DUTY) FORMING SWALE PER SHOWN ELEVATIONS AND TO MATCH EXISTING AT SAW CUTS AND EXISTING CURBS. EXISTING CURB OPENINGS AT WALKWAY TO REMAIN.	
DRAINAGE BASIN MAP				ENGINEER'S CERTIFICATION					
				I, JEAN J. BORDENAVE, NMPE&LS NO. 5110, OF THE FIRM BORDENAVE DESIGNS, HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADDED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH THE RECORD INFORMATION PRESENTED ON THE EDITED DESIGN DOCUMENT. THE RECORD INFORMATION PRESENTED ON THE EDITED DESIGN DOCUMENT IS NOT NECESSARILY COMPLETE AND INTEND TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THE EDITED DESIGN DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE. EXCEPTIONS AND/OR QUALIFICATIONS: 1. DRAINAGE CATCH BASIN ON LOT 1 & LOT 2A 2. DECELERATION LANE & ENTRY 3. CONCRETE VALLEY GUTTERS ELEM. BY OWNER					
4. curb changes @ NE corner of parking lot as shown. 5. Delete curb opening @ south end of east island. 6. Add curb opening @ north end of next island west. 7. Add island @ SE corner of building.									

REGISTERED PROFESSIONAL ENGINEER
NEW MEXICO
NO. 5110
JEAN J. BORDENAVE

JOB NO:

DATE: 07 APRIL, 2009

REVISIONS

Street Title

GRADING & DRAINAGE PLAN

Drawn By: MTO

Checked By: JB

TM OIT / DEVELOPER

5600 VANCE AVE NE SUITE G

ALBUQUERQUE, NM 87113

(505) 250-4675

BORDENAVE DESIGNS

P.O. BOX 91194, ALBUQUERQUE, NM 87199

(505) 250-4675

(505) 823-1344

Project Name

NEW MEXICO OFFICE OF THE STATE ENGINEER

ALBUQUERQUE BUILDING

ALBUQUERQUE, NEW MEXICO

SHEET NO.

CG

RECEIVED

MAY 17 2012

HYDROLOGY SECTION

E-18005-78