)	PROJECT TITLE: Pardo's Addition	ZONE ATLAS/DRNG. FILE #: J-22/D64
		WORK ORDER #:
	LEGAL DESCRIPTION: Tr. A, Block 4, Roya	
	CITY ADDRESS: 100 Juan Tabo N	
	ENGINEERING FIRM: TMA	CONTACT: Gracus Means
	ADDRESS: 6010-B MIDWAY PARK BUD N	E PHONE: 345-4250
	OWNER: Mark "Pardo" Gonzales	CONTACT: Mark
	ADDRESS: 100 Juan Taloo N.E.	PHONE: 298-2983
	ARCHITECT: KGA	CONTACT: Simon Bialobroda
	ADDRESS: 127 Jefferson NE, SUITE A	PHONE: 255-4975
	SURVEYOR: JMA (AS-BUILT SURVEY)	CONTACT: Chuck Cala
	ADDRESS:	PHONE: 345-4250
	CONTRACTOR: Enterprise Bulders	CONTACT: Wayne Mitchell
	ADDRESS: P.O. BOX 3987, Alb NM 8719	O PHONE: 857-0050
:		
	TYPE OF SUBMITTAL: CH	ECK TYPE OF APPROVAL SOUGHT:
	DRAINAGE REPORT	SKETCH PLAT APPROVAL
•	DRAINAGE PLAN	PRELIMINARY PLAT APPROVAL
	CONCEPTUAL GRADING & DRAINAGE PLAN	S. DEV. PLAN FOR SUB'D. APPROVAL
	GRADING PLAN	S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
	EROSION CONTROL PLAN	SECTOR PLAN APPROVAL
	<pre> ENGINEER'S CERTIFICATION</pre>	FINAL PLAT APPROVAL
	X OTHER Green Tag	FOUNDATION PERMIT APPROVAL
		BUILDING PERMIT APPROVAL
	PRE-DESIGN MEETING:	CERTIFICATE OF OCCUPANCY APPROVAL
	YES	GRADING PERMIT APPROVAL
		PAVING PERMIT APPROVAL
	COPY PROVIDED FEB 2 4 1999	S.A.D. DRAINAGE REPORT
	HYDROLOGY SECTION	DRAINAGE REQUIREMENTS LOTHER SO # 19 Green trip (SPECIFY)
XC'.	Mark Gorzales	
	Simon Bialobroda	
	DATE SUBMITTED: 2/24/99	
	BY: Graeme Means	

- 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, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE 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 CONCLUSIVE, AND MAY NOT BE COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES 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.
- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
- BACKFILL COMPACTION SHALL BE ACCORDING TO RESIDENTIAL STREET USE.
- MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
- 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.

The following items concerning the Pardo's Addition Drainage Plan are contained hereon:

> Vicinity Map Grading Plan Calculations

As shown by the Vicinity Map, the site is located at the northeast corner of the intersection of Juan Tabo Boulevard and Mountain Road N.E. At present, the site is developed with an existing building and asphalt paving. The surrounding area is also developed making this a modification to an existing site within an infill area.

As shown by FIRM Panel 359 of 825 published by the National Flood Insurance Program for Bernalillo County, New Mexico, and Incorporated Areas, dated September 20, 1996, this site does not lie within a designated flood hazard zone. Flooding (Zone AO, Depth 1) is identified at the intersection of Juan Tabo Boulevard N.E. and Mountain Road N.E. The proposed finished floor elevation of 5593.10 is more than one foot above the corresponding existing flood hazard zone elevation. This site currently drains directly to this flood hazard zone.

This site currently accepts offsite flows from the paved public alley which lies to the east of the site. These flows are passed through the site in a westerly direction and discharged back to public right-of-way via an existing drivepad providing access to Mountain Road N.E.

The Grading Plan shows: 1) existing grades indicated by spot elevations and contours at 1'0" intervals, as shown on the "Topographic Survey of Mark Pardo's The Barber Shop", prepared by Marquez Surveying Company, Inc., 2) the limit and character of the existing improvements, as shown on the "Topographic Survey of Mark Pardo's The Barber Shop", prepared by Marquez Surveying Company, Inc., 3) proposed grades indicated by spot elevations and contours at 1'0" and 4) the limit and character of the proposed improvements. As shown by this Plan, the proposed construction consists of a new building addition which lies within an existing paved area. The new building addition will replace existing impervious area and therefore will not create any additional developed runoff. In conjunction with the proposed improvements, new landscaping areas will be created in areas which are currently paved. The proposed construction also consists of new curb construction and entrance modifications including closure of the aforementioned drivepad which provides access and a drainage outfall to Mountain Road. A new Storm Drain Inlet will be constructed and connected to the existing inlet in Mountain Road N.E. to allow site runoff to continue to drain to Mountain Road. As shown by the Calculations, the introduction of landscaped areas to the site will produce a net decrease of 70 cf in the volume of runoff generated by this site and draining to the existing flood hazard zone. The proposed improvements will not block the offsite flows which enter the site from the east. These flows will continue to pass through the site unimpeded.

The Calculations which appear hereon analyze both the existing and developed conditions for the 100-year, 6-hour rainfall event. The Procedure for 40acre 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 shown by these calculations, there will be a net decrease of 70 cf in developed runoff discharging from this site.

EROSION CONTROL MEASURES:

1. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY.

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 THE STREET.

THE CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION.

ANY AREAS OF EXCESS DISTURBANCE (TRAFFIC ACCESS, STORAGE YARD, EXCAVATED MATERIAL, ETC.) SHALL BE RE-SEEDED ACCORDING TO C.O.A. SPECIFICATION 1012 "NATIVE GRASS SEEDING". THIS WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE

DRAINAGE CERTIFICATION

AS INDICATED BY THE AS-BUILT INFORMATION SHOWN HEREON, THIS SITE HAS BEEN GRADED AND DRAINED IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED GRADING AND DRAINAGE PLAN. THIS CERTIFICATION EVALUATES GRADING AND DRAINAGE ISSUES ONLY AND DOES NOT ADDRESS COMPLIANCE WITH A.D.A. GUIDELINES. IT IS BASED UPON THIS EVALUATION OF AS-CONSTRUCTED CONDITIONS THAT ISSUANCE OF A PERMANENT CERTIFICATE OF OCCUPANCY IS HEREBY RECOMMENDED. THE AS-BUILT INFORMATION SHOWN HEREON HAS BEEN OBTAINED BY ME OR UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

1. Precipitation Zone = GRATE SHALL BE 18" x 18" NEENAH R-6672-C 2 . $^{9}6.100 = ^{9}360 = ^{2.90}$ in. WITH TYPE 'Y' FRAME OR APPROVED SUBSTITUTE 3. Total Area $(A_T) = 12,900 \text{ sf}/0.30 \text{ ac}$ FINISHED GRADE — 4. Existing Land Treatment Area (sf/ac) 470/0.01 250/0.01 12,180/0.28 2" CLR. Developed Land Treatment Area (sf/ac) Treatment 1,210/0.03 11,690/0.27 # 4 REBAR @ 10" O.C. (TYP.) Existing Condition 3000 PSI CONCRETE $E_W = (E_A A_A + E_B A_B + E_C A_C + E_D A_D)/A_T$

Site Characteristics

02 09

CALCULATIONS

Developed Condition

1. Volume

 $E_{W} = (E_{A}A_{A} + E_{B}A_{B} + E_{C}A_{C} + E_{D}A_{D})/A_{T}$

 $V_{100} = (E_W/12)A_T$

 $E_{W} = [(0.03)(1.08) + (0.27)(2.64)]/(0.30) = 2.48 \text{ in.}$

PROJECT BENCHMARK

VICINITY MAP

SCALE: $1" = 750' \pm$

STATION IS A STANDARD ACS 3 1/4" ALUMINUM CAP STAMPED '15-J22, 1990", SET FLUSH IN THE TOP OF THE CURB ON THE MEDIAN NOSE OF CONSTITUTION AVE AND JUAN TABO BLVD ELEVATION = 5597.10 (M.S.L.D.)

SUBD R-3 SU-1 PRO

1/2" REBAR AT THE NORTHEAST CORNER OF THE PARCEL -ELEVATION -5595.23

FINISHED FLOOR OF EXISTING BUILDING: ASSUMED ELEVATION-959310 FEE LEGAL DESCRIPTION

∧ Kevin Georges & Associates

127 Jefferson Street NE - Suite A Albuquerque, New Mexico 87108-1216 505/255-4975

Architecture & Planning

J-22-Z

TRACT A, BLOCK 4, ROYAL HIEGHTS ADDITION

THIS NOT A TOPOGRAPHIC OR A BOUNDARY SURVEY. APPARENT PROPERTY CORNERS ARE SHOWN FOR ORIENTATION ONLY. BOUNDARY DATA AND TOPOGRAPHIC DATA SHOWN HEREON ARE FROM A BOUNDARY AND TOPOGRAPHIC SURVEY OF TRACT A, BLOCK 4, ROYAL HEIGHTS, ALBUQUERQUE, NEW MEXICO PREPARED BY MARQUEZ SURVEYING COMPANY. SUPPLEMENTED BY INFORMATION PROVIDED BY KEVIN GERGES AND ASSOCIATES.

) KEYED NOTES:

INSTALL: 1- AREA DRAIN (TG 93.03); √ 4" D.I.P. DRAINLINE @ S=0.01 CONNECT DRAINLINE TO EXISTING SANITARY SEWER. REFER TO MECHANICAL PLANS

FEB 2 4 1999 FOR AREA DRAIN AND CONNECTION. HYDROLOGY SECTION

TOP OF ASPHALT

Legend:

. WM=WATER METER EXISTING CONTOUR TC= TOP OF CURB FL= FLOW LINE WATER VALVE FH= FIRE HYDRANT CB= CATCH BASIN FIRE HYDRANT MH=MANHOLE PROPOSED CONTOUR GRD=GROUND BL DG=BUIL DING PROPOSED SPOT ELEVATION BS=BACK DF SIDEWALK RETAINING WALL (REFER TO ARCHITECTURAL PLAN) WV=WATER VALVE WC RAMP=WHEELCHAIR RAMP TOA= TOP OF ASPHALT TOP OF WALL

PP=POWER POLE L RD=CENTERLINE OF ROAD. AS-BUILT ELEVATION AS-BUILT ELEVATION AS-BUILT = AS DESIGNED ELEVATION

Pardo's Addition

1100 Juan Tabo NE Albuquerque, New Mexico

Project Title

€ 93.80 >

Proj.9721.00

DRAINAGE CERTIFICATION A REVISED GRADING FOR SITE PLAN REVISIONS 5/26/98

Revisions

Architect

Sheet 5 of

GRADING AND DRAINAGE PLAN

Sheet Title △ 970832 3 △

