



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

November 12, 2002

Mark Goodwin, P.E.
Mark Goodwin & Assoc.
P.O. Box 90606
Albuquerque, New Mexico 87199

RE: SANDIA DOG OBEDIENCE SCHOOL (D-18/D48)
(7050 San Pedro NE)
ENGINEERS CERTIFICATION FOR CERTIFICATE OF OCCUPANCY
ENGINEERS STAMP DATED 5/23/2002
ENGINEERS CERTIFICATION DATED 11/11/2002

Dear Mr. Goodwin:

Based upon the information provided in your Engineers Certification submittal dated 11/12/2002, the above referenced site is approved for Permanent Certificate of Occupancy.

If I can be of further assistance, please contact me at 924-3981.

Sincerely,

Teresa A. Martin
Hydrology Plan Checker
Development & Bldg. Ser. Division
365

C: Certificate of Occupancy Clerk, COA
approval file
✓ drainage file



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

June 17, 2002

Amy Driscoll, PE
Mark Goodwin & Associates
PO Box 90606
Albuquerque, NM 87119

**RE: Sandia Dog Obedience School Grading and Drainage Plan (D18-D48)
Engineer's Stamp Dated May 23, 2002**

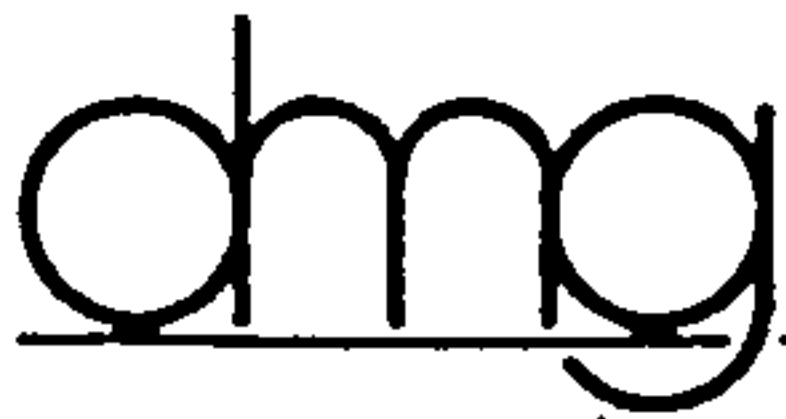
Dear Ms. Driscoll:

The above referenced grading and drainage plan received May 24, 2002 is approved for Building Permit. The engineer will submit grading certification per the DPM to Hydrology upon completion of the project.

If you have any questions please call me at 924-3982

Sincerely,

Carlos A. Montoya, PE
City Floodplain Administrator



D. Mark Goodwin & Associates, P.A.
Consulting Engineers

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 828-2200 FAX 797-9539
e-mail: dmgs@swcp.com

PROJECT SANDIA DOG OBEDIENCE SCH.

SUBJECT DRAINAGE SWALES

BY D.B.S. DATE 5-22-02

CHECKED _____ DATE _____

SHEET 1 OF 1

SWALE AT SECTION D-D

SWALE NEEDS TO HOLD 0.43 C.F.S.

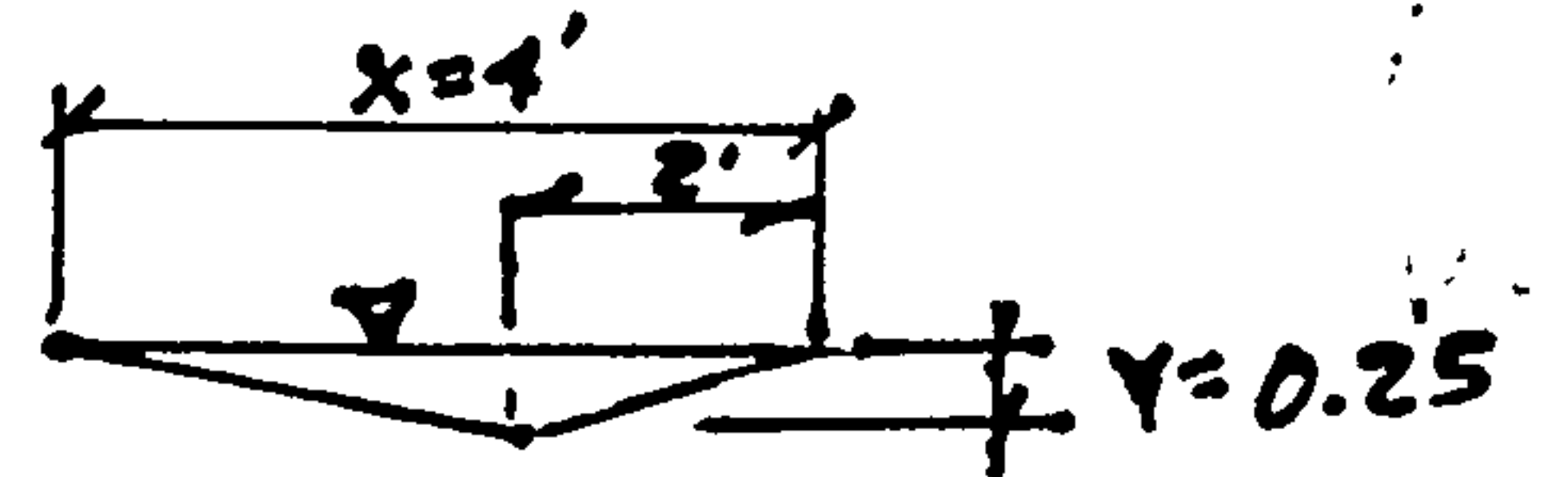
$$A = 0.5 \quad R = 0.124 \quad S = 0.007 \quad n = 0.021$$

$$Q = 1.49 A R^{2/3} S^{1/2} / n$$

$$Q = (1.49)(0.5)(0.124^{2/3})(0.007^{1/2}) / 0.021$$

$$Q = (0.745)(0.24865)(0.0837) / 0.021$$

$$Q = 0.738 \quad \underline{\text{USE!}}$$



$$WP = 4.03$$

$$R = 0.124$$

$$A = 0.5$$

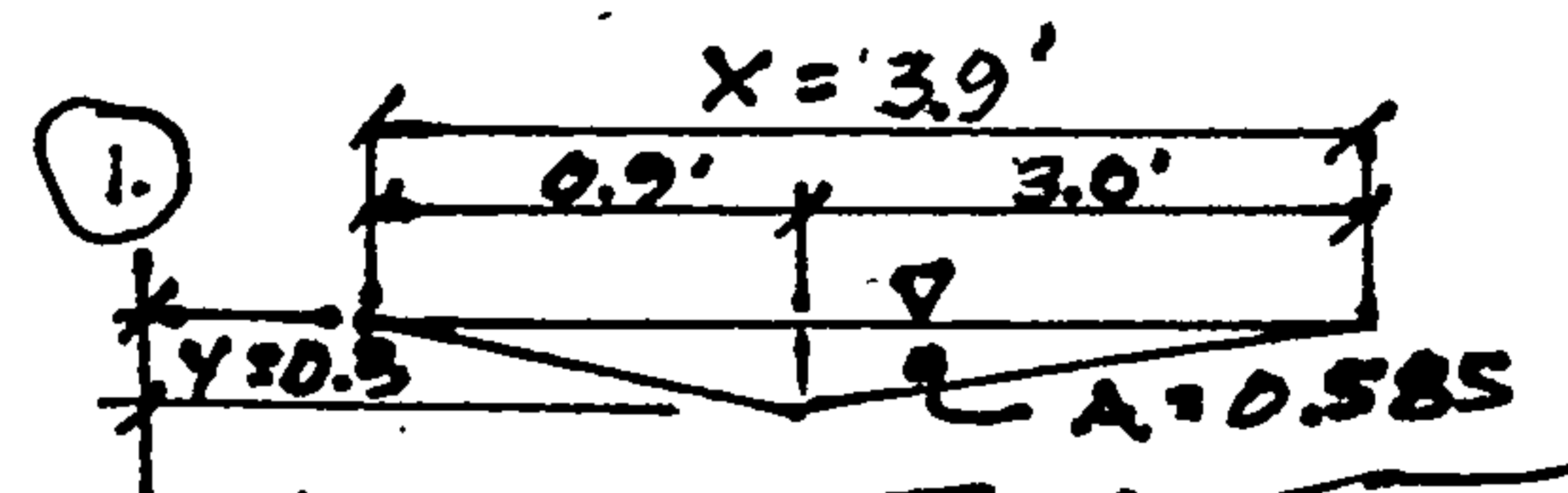
$$\sqrt{0.25^2 + 2^2} \times 2 = 4.03$$

SWALE AT SECTION E-E

SWALE NEEDS TO HOLD 0.42 C.F.S.

① $Q = 1.49 A R^{2/3} S^{1/2} / n$
 $A = 0.585 \quad R = 0.1476 \quad S = 0.01 \quad n = 0.021$
 $Q = (1.49)(0.585)(0.1476^{2/3})(0.01^{1/2}) / 0.021$
 $Q = (0.872)(0.2793)(0.1) / 0.021$
 $Q = 1.159 \text{ C.F.S.} \quad \underline{\text{VOID!}}$

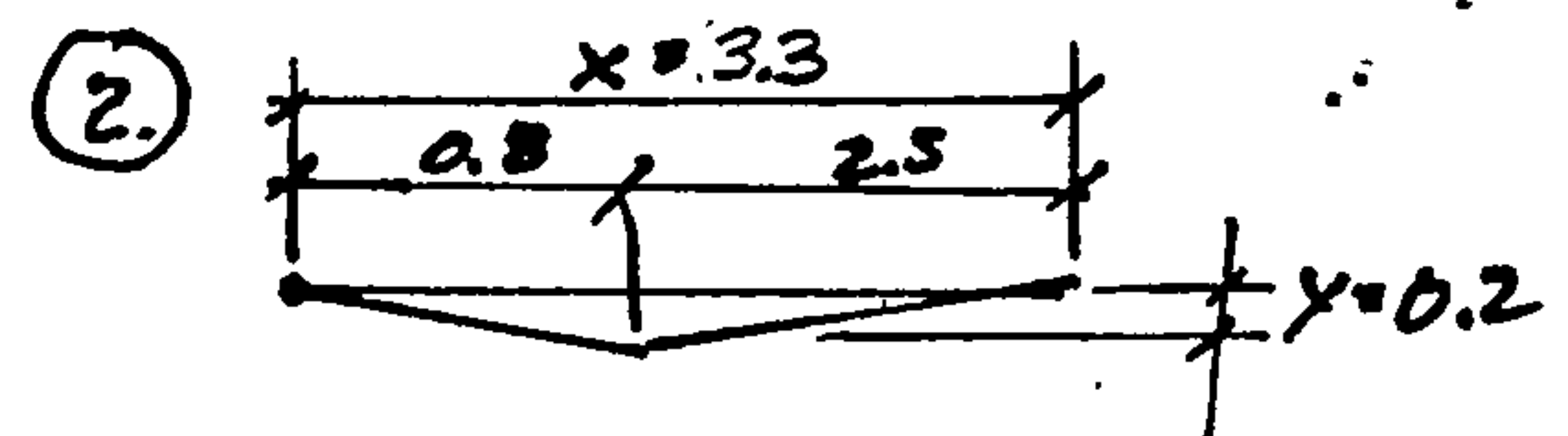
② $A = 0.33 \quad R = 0.099 \quad S = 0.007 \quad n = 0.021$
 $Q = (1.49)(0.33)(0.099^{2/3})(0.007^{1/2}) / 0.021$
 $Q = (0.4917)(0.214)(0.0837) / 0.021$
 $Q = 0.419 \text{ C.F.S.} \quad \underline{\text{USE!}}$



$$WP = \sqrt{0.9^2 + 0.3^2} + \sqrt{3.0^2 + 0.3^2}$$

$$WP = 3.9637$$

$$R = 0.585 / 3.9637 = 0.1476$$



$$A = 0.33$$

$$WP = 3.353$$

$$R = 0.099$$

SWALE AT SECTION F-F

SWALE NEEDS TO HOLD 0.43 C.F.S.

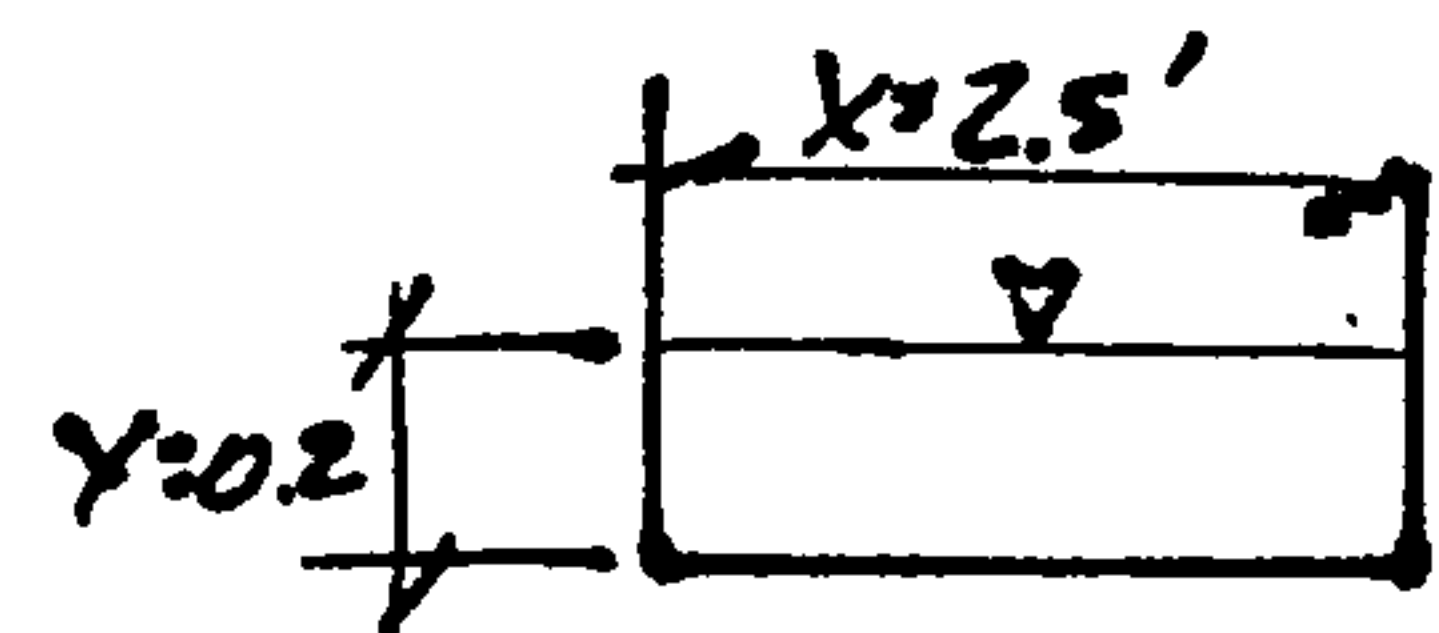
$$A = 0.5 \quad R = 0.1724 \quad S = 0.01 \quad n = 0.021$$

$$Q = (1.49)(0.5)(0.1724^{2/3})(0.01^{1/2}) / 0.021$$

$$Q = (0.745)(0.3097)(0.1) / 0.021$$

$$Q = 1.099 \text{ C.F.S.}$$

USE!



$$A = 0.5$$

$$WP = 2.9$$

$$R = 0.5 / 2.9$$

$$R = 0.1724$$



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

***Planning Department
Transportation Development Services Section***

November 5, 2002

James Lewis, Registered Architect
1620 Central SE
Albuquerque, NM 87106

Re: Certification Submittal for Final Building Certificate of Occupancy for
Sandia Dog Obedience School, [D18 / D48]
7050 San Pedro NE
Architect's Stamp Dated received 11-04-02

Dear Mr. Lewis:

The TCL / Letter of Certification submitted on Nov. 4, 2002 is sufficient for acceptance by this office for final Certificate of Occupancy (C.O.). Notification has been made to the Building and Safety Section.

For future reference, please use a copy of the site plan that was stamped as "approved" from this office as the plan you send with your certification.

Sincerely,

Richard Dourte, PE
Development and Building Services
Planning Department

c: file -
Hydrology file



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

***Public Works Department
Transportation Development Services Section***

May 6, 2002

James Lewis, Reg. Architect
Schlegel Lewis Architects
1620 Central Ave. S.E.
Albuquerque, NM 87106

Re: TCL Submittal for Building Permit Approval for Sandia Dog Obedience Club
7050 San Pedro N.E., [D18 / D048]
Architect's Stamp Dated 04/02/02

Dear Mr. Lewis:

The location referenced above, dated April 19, 2002, is not acceptable and requires modification to the Traffic Circulation Layout (TCL) prior to Building Permit release as stated on the attached PRELIMINARY TCL checklist, and red-lined TCL markup with comments. Completion of some comments will allow further evaluation of that area of concern.

Please resubmit revised TCL after addressing marked up comments, along with checklist and all current and past red-lined, mark-up copies. Submit package with fully completed Drainage and Transportation Information Sheet. Complete the Information Sheet for every submittal.

Sincerely,

Mike Zamora, Commercial Plan Checker
Development and Building Services
Planning Department

c: Engineer
Hydrology file
Mike Zamora