1"= 4 (noruz.) -BLOCK WALL I" = 2' CVERT 95 93 92 91 23 0 067 3.67 SECTION 6-6 SECTION D-D 95 95 94 -w.s.L. c9266 93 92 -3 SEKTION (D-(D) 91 SECTION (D) 95 94 93 92 AREA CALCULMONS e W.S.L. 92.66 0 < F -3 SECTION (1)-(1) SECTION (3)-(3) SECTION & (2/0.4/0.16) + 2(0.16+0.26/11) + (2/0.67/0.26) = 2.43 sf SECTION 3-3 A=(870.87 X0.26) + 2(0.26+0.8 XII)+ (12 (0.16 (0.36) = 2.45 sf -w.s.L. 9266 SECTION (D-4) A=({\(\frac{1}{2}\)\)\(0.56) + (8\(\frac{1}{2}\)\(0.56) + 93 (2x0.56)(3.45) = 562 sf A MARKET MARKET SECTION S-S A= (0:46 X-2 YO.71) + (5 X 0.46 + 0.36 X 10) 7 (2×262×0.36) = 4.73 sf SECTION 6-6 A= (0.66 / 1/2/11) = 3.63 SF SECTION (D. F) A = (0.76X1/2X11.4) = 4.33 sf SECTION (1)-(1) 95 VOLUME CALCULATIONS 94 V=(Az+Az/2/20) = 48.8 cf 93 DISTANCE (1)-(5) = 20 ft V=(A4+ A5)(2)(20) = 103.5cf DISTANCE 60-60 = 10ft V=(A5+A6X2X10) = 41.80F DISTANCE 6-6) = 12 Ft U=(A6+A4 X5X12) = 47.8 of 92 1 1 1 Eva = 322.6 cf > Vaguired -101 SECTION (3-6) UPPER POND LIMIT -- 15' PRIVATE DRAINAGE ESMT.

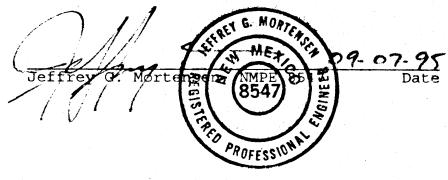
SECTION CUT PLAN (1"=20')

DRAINAGE CERTIFICATION

As indicated by the as-built information shown hereon, the Goodwill Industries site has been constructed in substantial compliance with the approved Grading Plan with four (4) exceptions:

- 1) The 1'- 0" curb opening near the northwest corner of the building has not been constructed. This opening must be provided.
- 2) The proposed 6' wide curb opening to allow the parking lot runoff to enter the drainage easement has been constructed only 1.7 feet in width and must be widened per the approved
- 3) There is a low spot in the paving near the southwest corner of the building which puddles water. This should be corrected/improved for positive drainage.
- 4) At the time of the as-built survey, the final grading and rip-rap installation within the 15' private drainage easement was in progress, but not yet complete. This work must be completed prior to final acceptance.

Issuance of a Temporary Certificate of Occupancy is recommended until the above corrections are made. Issuance of a Permanent Certificate of Occupancy will be recommended upon correction and recertification. The As-built information has been obtained by me or under my direct supervision and is true and correct to the best of my knowledge and belief.



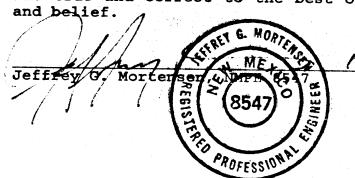
DRAINAGE CERTIFICATION

The two curb openings which had not been constructed at the time of the first Certification have now been provided in accordance with the approved Plan. The rip-rap installation and grading within the 15' drainage easement is in

A Temporary Certificate of Occupancy is requested at this time. Issuance of a Permanent Certificate of Occupancy will be recommended upon satisfactory completion of the grading and subsequent recertification. The As-Built information has been obtained by me or under my direct supervision and is true and correct to the best of my knowledge and belief.



As indicated by the As-Built information shown hereon, combined with the analysis of the as-built ponding capacities, the Goodwill Industries project has been constructed in substantial compliance with the approved Grading and Drainage Plan. The sediment pond along the east edge of the property has been brought into compliance with the approved plan. In addition, the "bird bath" within the parking lot has been corrected. It is based upon this information that issuance of a Permanent Certificate of Occupancy is hereby recommended. The As-Built information and analyses have been performed by me or under my direct supervision and are true and correct to the best of my knowledge

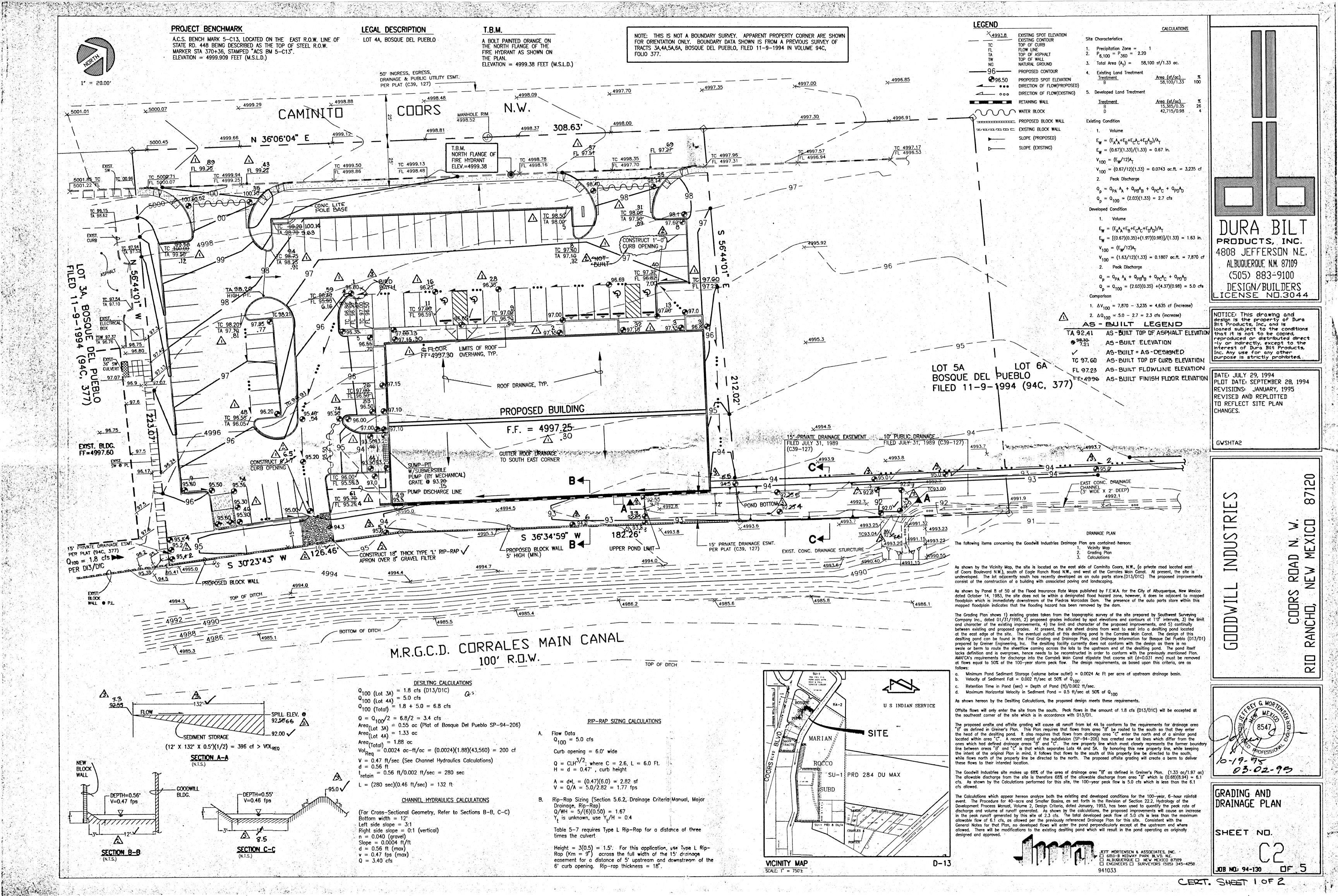


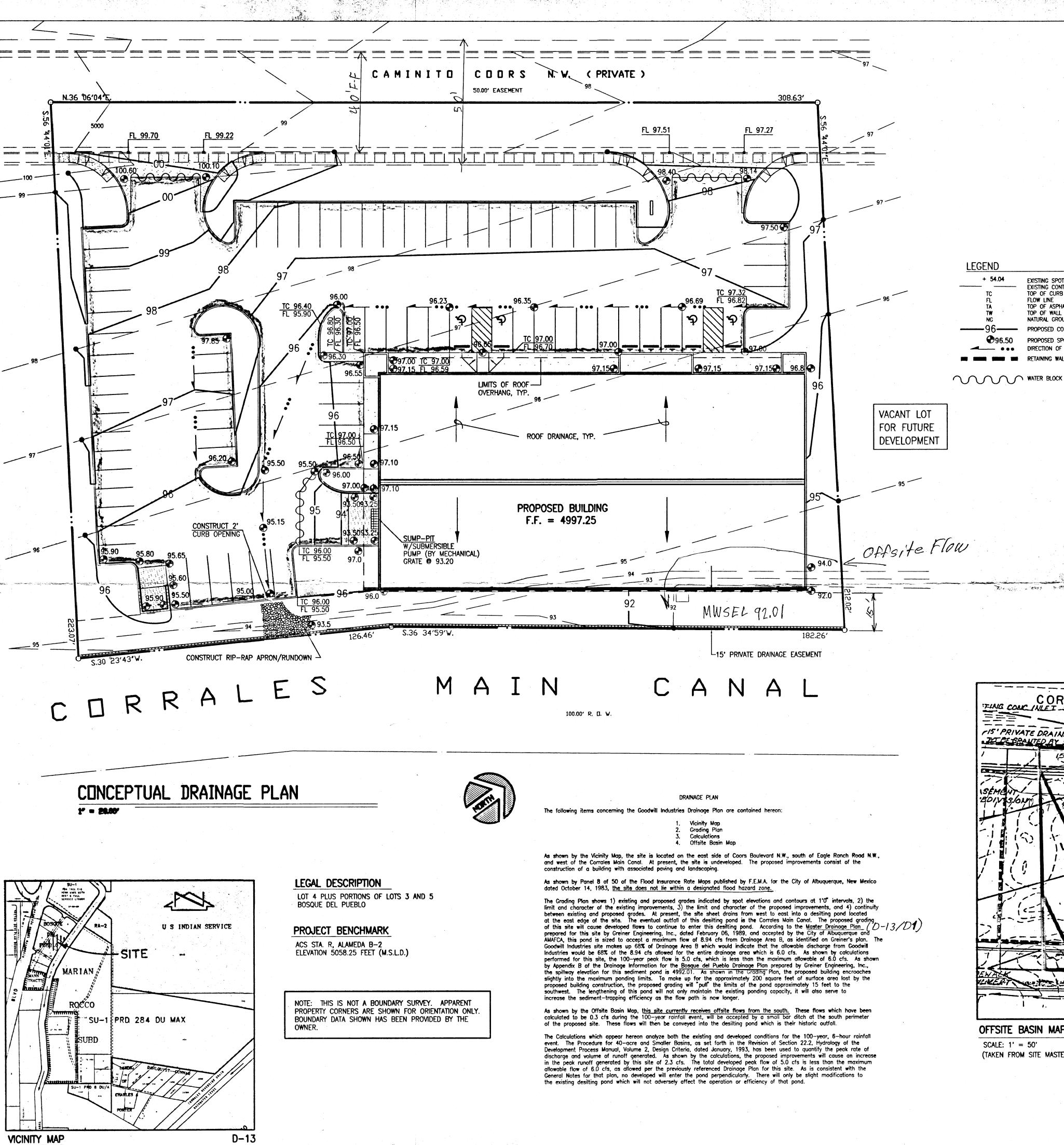
10-17-75

VOLUMES AND DRAINAGE CERTIFICATION POND AS-BUILT INDUSTRIES GOODWILL

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REVISIONS NO. DATE BY 941034 DESIGNED BY G.M. 10/95 G.M. CREATE THIS SHEET, AS-BUILT & CERTIFY A 9/95 G.M. AS-BUILT AND CERTIFY 10 - 1995 DRAWN BY G.M. 1 9195 G.M. AS-BUILT AND CERTIFY APPROVED BY J.G.M





CALCULATIONS Site Characteristics Precipitation Zone = $P_{6,100} = P_{360} = 2.20$ 3. Total Area $(A_T) = 58,100 \text{ sf}/1.33 \text{ ac.}$ Existing Land Treatment Area (sf/ac) 15,385/0.35 42,715/0.98 $E^{\mathbf{M}} = (E^{\mathbf{A}} \mathbf{y}^{\mathbf{A}} + E^{\mathbf{B}} + E^{\mathbf{C}} \mathbf{y}^{\mathbf{C}} + E^{\mathbf{D}} \mathbf{y}^{\mathbf{D}}) / \mathbf{y}^{\mathbf{L}}$ $E_W = (0.67)(1.33)/(1.33) = 0.67$ in. $V_{100} = (E_{W}/12)A_{T}$ $V_{100} = (0.67/12)(1.33) = 0.0743$ ac.ft. = 3,235 cf 2. Peck Discharge $d^{b} = d^{bV} V^{A} + d^{bB}V^{B} + d^{bC}V^{C} + d^{bD}V^{D}$ $Q_p = Q_{100} = (2.03)(1.33) = 2.7 \text{ cfs}$ $E^{M} = (E^{V}y^{V} + E^{B} + E^{C}y^{C} + E^{D}y^{D})/y^{L}$ $E_{W} = [(0.67)(0.35) + (1.97)(0.98)]/(1.33) = 1.63 in.$ $V_{100} = (E_{W}/12)A_{T}$ $V_{100} = (1.63/12)(1.33) = 0.1807 \text{ ac.ft.} = 7,870 \text{ cf}$ 2. Pecik Discharge $d^{b} = d^{bV} y^{V} + d^{bB}y^{B} + d^{bC}y^{C} + d^{bD}y^{D}$ $Q_p = Q_{100} = (2.03)(0.35) + (4.37)(0.98) = 5.0 cfs$ 1. $\Delta V_{100} = 7,870 - 3,235 = 4,635$ cf (increase) 2. $\Delta Q_{100} = 5.0 - 2.7 = 2.3 \text{ cfs (increase)}$

EXISTING CONTOUR

TOP OF CURB

TOP OF ASPHALT

PROPOSED CONTOUR

DIRECTION OF FLOW

PROPOSED SPOT ELEVATION

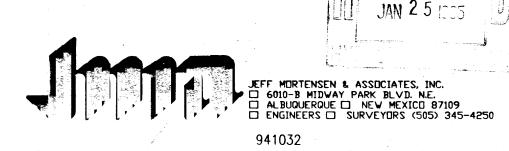
TOP OF WALL NATURAL GROUND

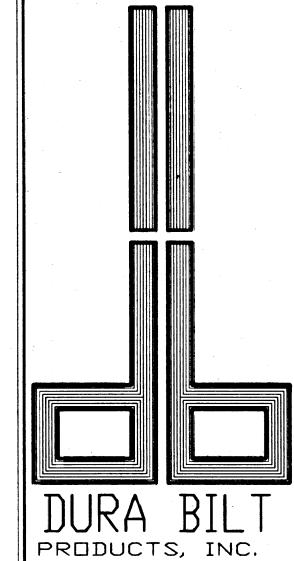
> A = 0.15 acLand Type: B Q = (0.15 ac)(2.03 cfs/ac) = 0.3 cfs

CANAL CORRALES

STR. MAIN. PIS' PRIVATE DRAINAGE EASEMENT OFFSITE BASIN MAP

SCALE: 1' = 50'(TAKEN FROM SITE MASTER PLAN PREPARED BY GREINER, INC, - APPROVED BY AMAFCA 2/6/89)





4808 JEFFERSON N.E. ALBUQUERQUE N.M. 87109 (505) 883-9100 DESIGN/BUILDERS ICENSE NO.3044

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DATE: JULY 29, 1994 PLOT DATE: SEPTEMBER 28, 1994 REVISIONS: JANUARY, 1995 REVISED AND REPLOTTED TO REFLECT SITE PLAN CHANGES.

GWSHTA2

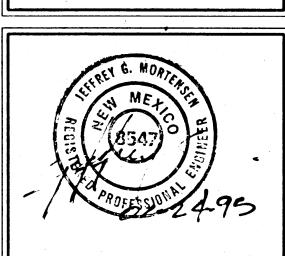
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GOODWILL

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DRAINAGE PLAN SHEET NO.

JDB ND: 94-130 □F 5

