

B

Type

Docs

Plans

GRD04-0044

Building Permit Number

4505

Street Number

PINE FLAT RD

Street Name

Community Code

APN

Please Print Your Name: **MR. & MRS. P. HOLEWINSKI** Date Applied: **3/9/04**

INFORMATION WITHIN HEAVY LINE TO BE COMPLETED BY APPLICANT.

SITE LOCATION INFORMATION: PRINT CLEARLY

Site Address: **4505 FINE FLAT RD.** City: **HEALDEBURG.** ZIP: **95448**

Cross-Street: **RED WINERY RD. (MI)** APN: **131-050** Project Phone #: () Project Fax #: ()

Directions: **Highway 129 Alexander Valley to FINE FLAT RD** Subd. Name: **008** Unit #: Lot #

Describe Project: **DWELLING WITH GARAGE** Living Area: Garage: Deck: Contract Price:

Grading for driveway & house pad

OWNER NAME AND ADDRESS Name: **MR. & MRS. P. HOLEWINSKI** Address: **1186 FOLK ST. SERRAS CA 93906**

APPLICANT NAME AND ADDRESS Name: **SAME** Address: **SAME**

City: **SERRAS** State: **CA** ZIP: **93906** City: State: ZIP:

Day Ph: **831/49/6506** Fax: **831/49/6506** Day Ph: () Fax: ()

CONTRACTOR INFORMATION Company Name: Address: City: State: ZIP: Day Ph: () Fax: ()

OTHER PERSONS (ARCHITECT, ENGINEER, ETC.) Name: **ARCHITECT / ENGINEER STRUCTURAL ENGINEER C365** Address: **2715 PORTER ST SERRAS CA** City: **SERRAS CA** State: **CA** ZIP: **95073** Day Ph: **831/476/3681** Fax: **831/476/3721** License No: **1664** Exp Date: **6/30/05**

WORKER'S COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a certificate of consent to self-insure or worker's compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

I have and will maintain worker's compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My worker's compensation insurance carrier and policy number are:

Carrier: Policy No:

(This section need not be completed if the permit is for one hundred dollars (\$100) or less.)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the worker's compensation laws of California, and agree that if I should become subject to the worker's compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Exp. Date: Applicant:

WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3708 OF THE LABOR CODE, INTEREST, AND ATTORNEYS FEES.

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500):

I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 Business and Professions Code). The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 704 Business and Professions Code). The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.

I am exempt under Sec. B & C, for the following reason:

Date: **3/9/04** Owner: **Peter J. Holewinski**

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Lic. Class: Lic. No.: Exp. Date: Contractor:

ASBESTOS DECLARATION

Written asbestos notification pursuant to Part 61 of Title 40 of the Code of Federal Regulations is required when asbestos exists in buildings, or portions thereof, undergoing demolition. I hereby declare that demolition authorized by this permit is from construction that does does not contain asbestos, or that no demolition is authorized by this permit.

I certify that I have read this application and affirm under penalty of perjury that the above information is correct. I agree to comply with all local Ordinances and State laws relating to building construction. I hereby authorize representatives of the County of Sonoma to enter upon the above-mentioned property for inspection purposes. If, after making the Certificate of Exemption for the Worker's Compensation provision of the Labor Code I should become subject to such provisions, I will forthwith comply. In the event I do not comply with the Worker's Compensation law, this permit shall be deemed void.

PETER HOLEWINSKI

PERMITTEE SIGNATURE
1186 FOLK ST. SERRAS CA 93906
 ADDRESS City ZIP

Contractor Owner Agent for Contractor Agent for Owner

Permit # **GRD04-0044** Area:

Permit Coordinator: **Freele** 3904

CONSTRUCTION LENDING DECLARATION

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued. (Sec. 3097, Civ. C.)

Lenders Name: **NONE**
 Lenders Address:

ZONING

Zoning: **RD086** FOR DEPARTMENT USE **2201-0022**

Existing Use/Structures: **GRASSY FIELD / BLDG**

Proposed Use/Structures: **NEW SFD / GAR**

Zoning Min. Yard Requirements: Front Left Right Back

NOTE: Fire Safe Bldg. Standards require all parcels greater than 1 Acre to have a min. 30' setback unless mitigated. Mitigation Required Address subject to change

Approved for Permit Issuance: Approved for Occupancy:

By: **MD** By: **MD**

Date: **1/18/04** Date:

Conditions: **GRADING OF THE LOT FOR NEW SFD / GAR SEE SPECIFIC MESSAGE UNIT**

Sewer Connection: Available Fees Paid

Approved by: Date:

Road Encroachment: Fees Paid

Approved by: **MD** Date: **3/19/04**

Septic System Permit/Clearance:

Approved by: **D. WADSWORTH** Date: **1-7-04**

Flood Zone: Yes No 100 Year Flood Elevation:

Site Review:

Code Enforcement Violation: Yes No Violation #

Is permit limited to _____ days.

Work Authorized: **GRADING FOR SFD & DRIVEWAY**

New Addition Alteration Repair Moving Occ/Cng

THIS PERMIT SHALL EXPIRE IN THREE(3) YEARS FROM DATE FEES ARE PAID UNLESS OTHERWISE NOTED BY CODE ENFORCEMENT

Plans Approved No Plans Subject to Field Inspection

Machine Space for Permit Fee

Permit Fee: **7/4/04** Date: **1/18/05**

Permit Cleared for Issuance By: **MD** Date:

Post FIRM Pre FIRM Geotechnical report Available

Type of Construction: Occupancy: No. of Stories: No. of Bedrooms:

Auto Fire Sprinklers Req'd: No. of Units: Certificate of Occupancy:

Final Date: **12-23-06** Inspected: **SR**

PAYMENT REC'D \$ 532.17

JAN 8 2005

PERMIT AND RESOURCE MANAGEMENT DEPARTMENT
 COUNTY OF SONOMA

Distribution: White - File Canary - Applicant Pink - Audit Copy Blue - Assessor Cardstock - Inspector

JOB ADDRESS: **4505 FINE FLAT RD**

PERMIT NUMBER: **GRD04-0044**

INSPECTION AREA: **9**

CURTIS & ASSOCIATES

SURVEYING - ENGINEERING

805 HEALDSBURG AVENUE
HEALDSBURG, CALIFORNIA 95448
707-433-4808 FAX 707-433-9918

January 6, 2004

2001-140

LANDS OF HOLEWINSKI

4505 Pine Flat Road
Healdsburg, California

DRAINAGE REVIEW PROJECT NARRATIVE

This project involves construction of a single family dwelling and a detached garage on a 62 acre parcel. Site improvements have been designed to minimize impact on the existing landscape.

Existing drainage above and at the proposed house site flows generally in a westerly, then northwesterly direction. The bulk of the drainage water flowing toward the site is intercepted by an existing ditch on the easterly side of a private gravel road which flows into an established natural watercourse and is carried under the road in a 12" CMP. A smaller drainage area to the south flows westerly into an existing ditch on the westerly side of said road. This last mentioned ditch will be crossed by the proposed driveway, and a culvert will need to be designed to accommodate same. Said westerly ditch then flows northerly to the abovementioned natural watercourse.

The proposed driveway comes off the existing road bank in a fill section for approximately 125 feet until it can meet the existing grade. Thereafter it continues at approximately 6" above existing grade (for base rock drainage) to the turnaround at its end. The driveway more or less follows the fall line of the existing ground and therefore does not alter the existing drainage pattern.

Erosion control should be minimal, and is addressed on the accompanying Private Drive Plans.

Development Submittal Information for Drainage Review

DRN-002

Please type or print the following information:			
Name of Development: <u>LAND OF PETER HOLEWINSKI</u>			
Property Address: <u>4505 FINE FLAT RD.</u>		City, Zip: <u>HEALDSBURG 95448</u>	
Nearest Cross Street: <u>RED WINERY RD.</u>			
Assessor's Parcel Number: <u>131-150-008</u>		Developer: <u>PETER HOLEWINSKI</u>	
Design Engineer: <u>CURTIS & ASSOC. (GORDON)</u>		Applicant Name: <u>PETER HOLEWINSKI</u>	
Address: <u>805 HEALDSBURG AVENUE</u>		Address: <u>1186 FOLK STREET</u>	
City, State, Zip: <u>HEALDSBURG, CA 95448</u>		City, State, Zip: <u>SALINAS, CA 93906</u>	
Phone No.: <u>(707) 433-4808</u>		Phone No.: <u>(831) 449-6506</u>	
Land Use (Planning) File #:		Permit Application #:	
Number of Units: <u>1 (PROPOSED)</u>		<u>DISTURBED</u> Area: <u>0.55 ACRES</u>	
<input type="checkbox"/> To Be Completed by Drainage Review <input checked="" type="checkbox"/>			
File/Unique #:		Quad Maps:	
Major Dev. (MJS/UP/DR):		Permit Referral:	Flood Zone:
Minor Dev. (MNS/UP/DR):		Public Project:	
Fee based on: _____ base fee, _____ Units @ _____ per unit = _____			
Permit Referral Fee: _____		Flood Zone Fee: _____	Date: _____ Receipt #: _____
MJS/UP/DR Fee: _____		Amount: _____	Date: _____ Receipt #: _____
Base/minimum: _____			
Balance or Total: _____			
Review Engineer/Technician:		Final Letter Date:	
Comments:			

DRAINAGE REVIEW

Sonoma County Permit and Resource Management Department

2550 Ventura Avenue ♦ Santa Rosa, CA ♦ 95403-2829 ♦ (707) 565-1900 ♦ Fax (707) 565-1103

development discharge, or flow rate, equal to the maximum pre-development flow rate for given design storm (i.e. 10-yr, 25-yr, etc.). Given these conditions, outlet piping must be sized according to pre-development flow rates. Figure 3 illustrates flow capacities for corrugated polyethylene pipe (CPEP) with a smooth interior.

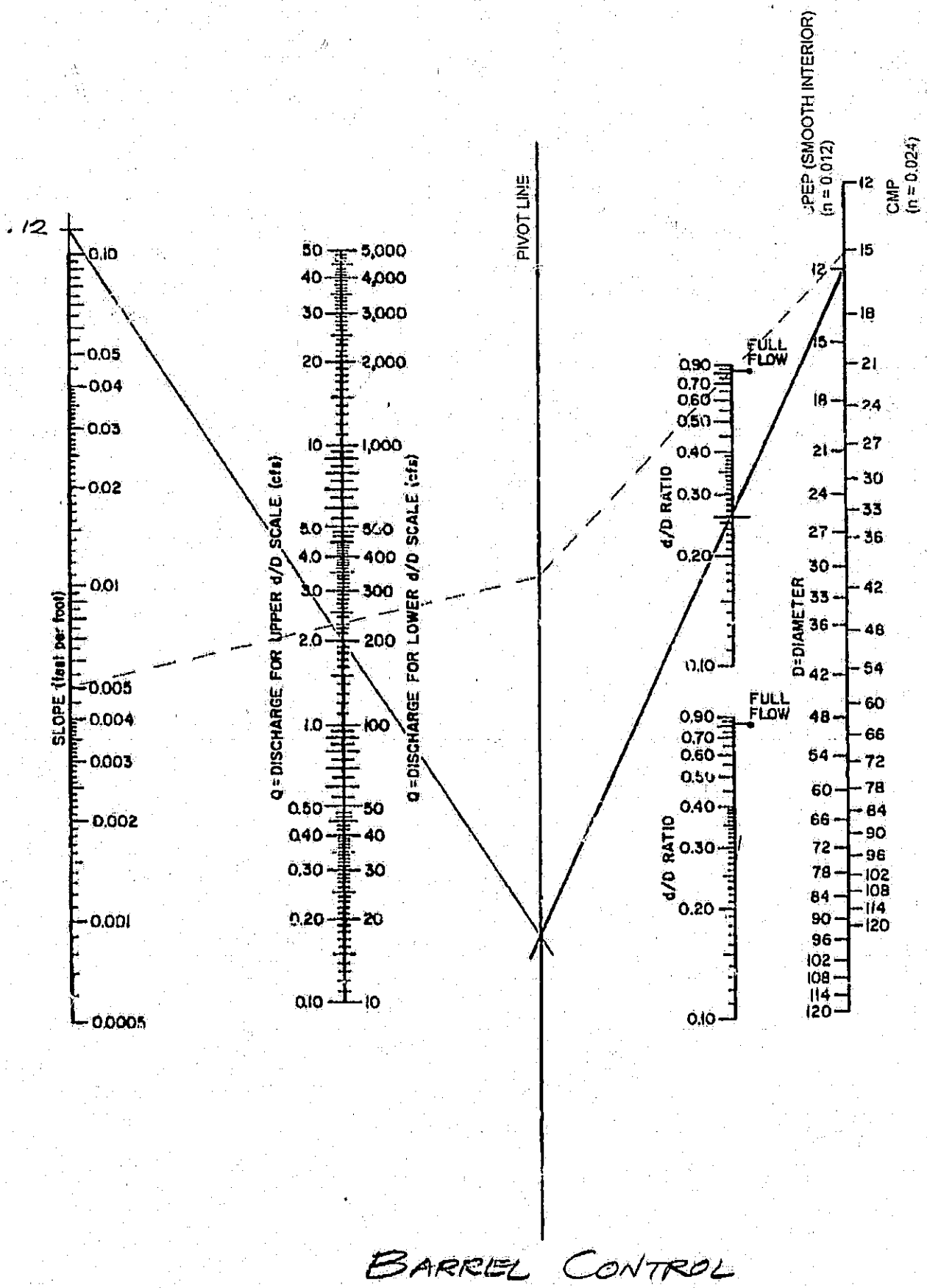
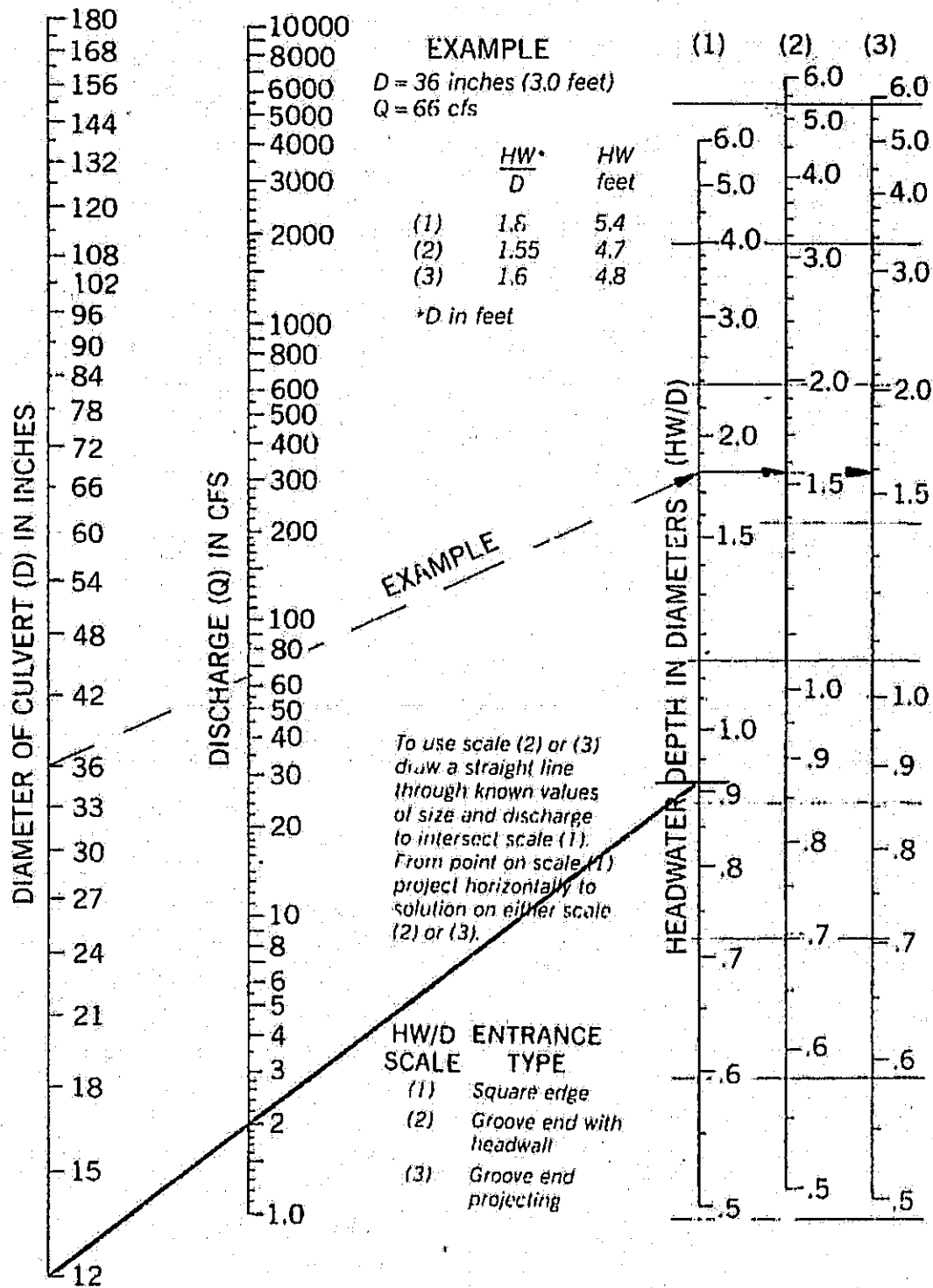


Figure 3: Flow capacities of corrugated polyethylene pipe (CPEP)

FIGURE 33

HEADWATER DEPTH FOR CIRCULAR CONCRETE PIPE CULVERTS WITH INLET CONTROL



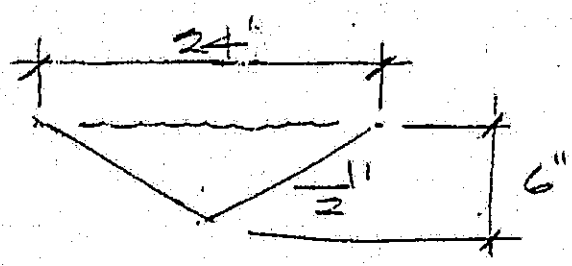
HOLEWINS!!
4505 PINE FLAT RD.

HYDRAULIC CALC'S.

7 JAN '04
01-140

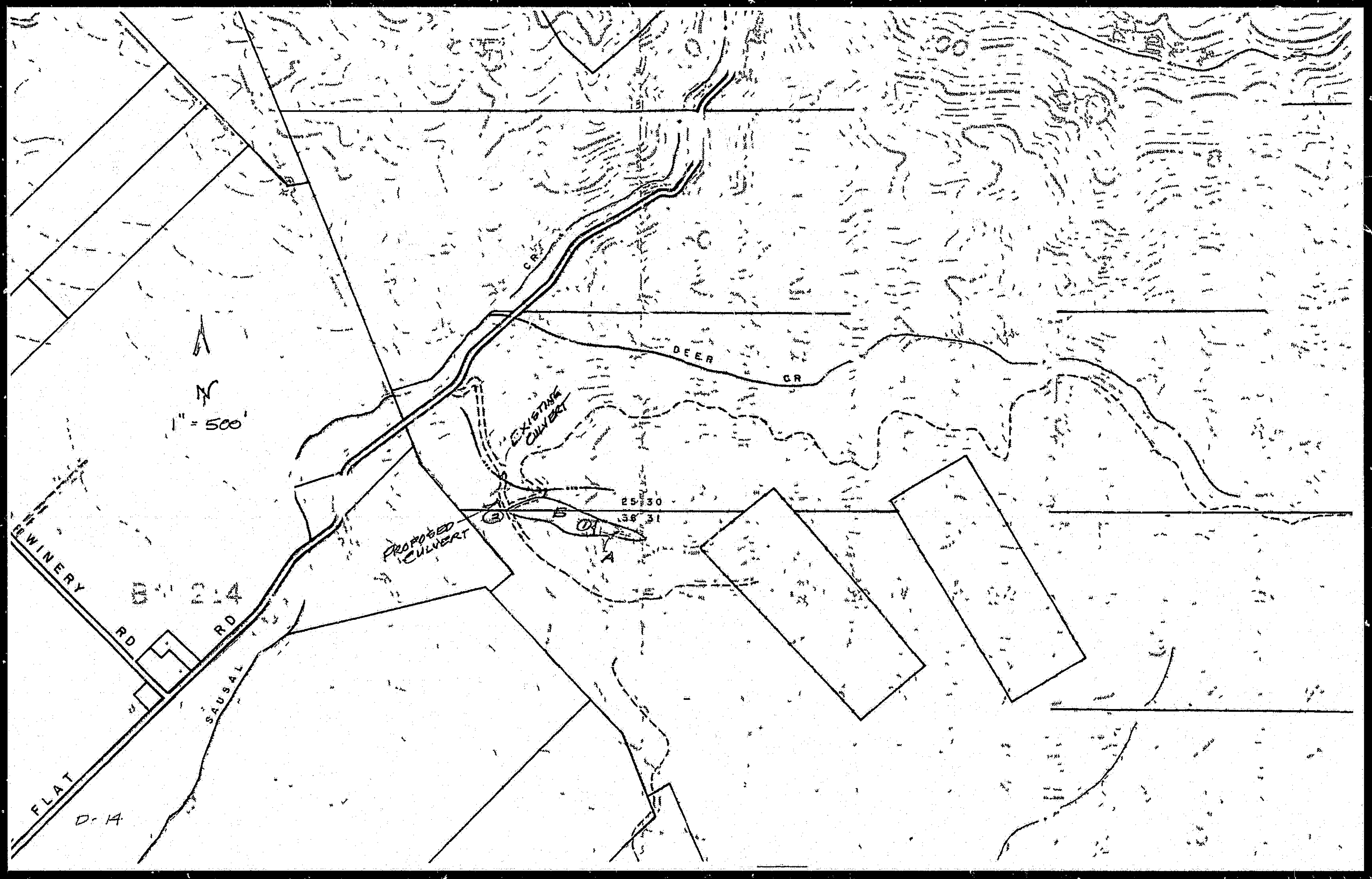
FLOW CAPACITY NOMOGRAPHS: WHILE THERE WILL BE SOME LOSS @ THE INLET, I BELIEVE THE ACTUAL DEPTH OF FLOW IN THE PROPOSED 12" HDPE WILL BE CLOSER TO THAT SHOWN IN THE BARREL CONTROL NOMOGRAPHS. BOTH, HOWEVER, INDICATE A SATISFACTORY CONDITION.

RECONSTRUCTED DITCH



$$A = \frac{2(.5)}{2} = .5 \text{ ft}^2$$
$$R = .5 / 2.24 = .22$$
$$S = .07$$

$$Q = \frac{1.49}{n} A R^2 S^{1/2}$$
$$= \frac{1.49}{.030} (.5) (.22)^2 (.07)^{1/2} = 2.4 > 2.0 \text{ OK}$$



1" = 500'



EXISTING CULVERT

PROPOSED CULVERT

DEER CR

ERWINERY RD

FLAT RD

SAUSAL RD

25/30

38/31

10/1

10/1

10/1

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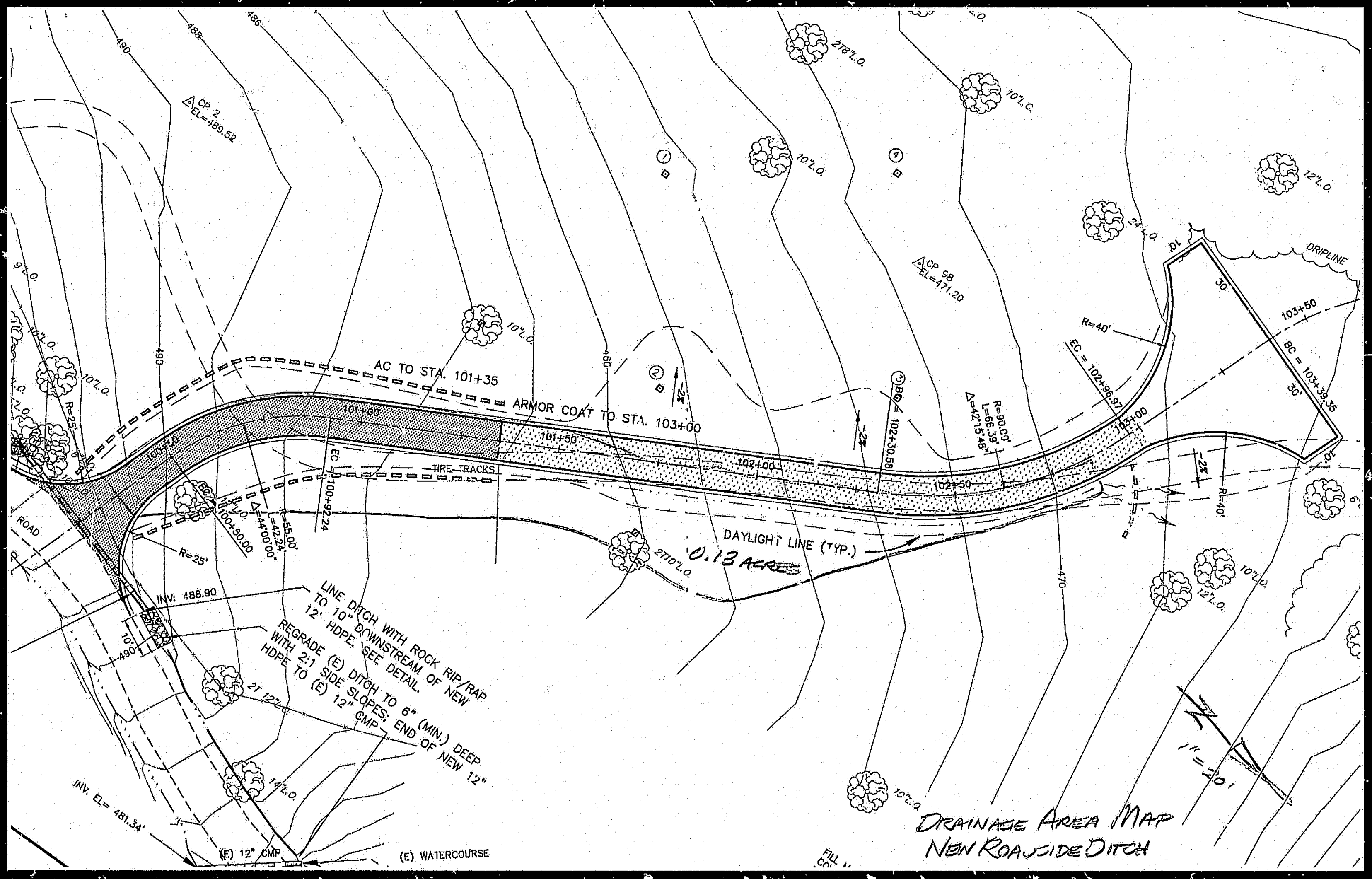
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CP 2
EL=489.52

CP 98
EL=471.20

AC TO STA. 101+35

ARMOR COAT TO STA. 103+00

R=40'

EC = 102+96.97

103+50

BC = 103+39.35

30'

EC = 100+92.24

TIRE TRACKS

DAYLIGHT LINE (TYP.)

0.13 ACRES

LINE DITCH WITH ROCK RIP/RAP TO 10" DOWNSTREAM OF NEW 12" HDPE. SEE DETAIL.
 REGRADE (E) DITCH TO 6" (MIN.) DEEP WITH 2:1 SIDE SLOPES; END OF NEW 12" HDPE TO (E) 12" CMP

(E) 12" CMP

(E) WATERCOURSE

DRAINAGE AREA MAP
 NEW ROADSIDE DITCH



INV. EL= 481.34'

INV: 488.90

21' 12" L.O.

14' L.O.

270' L.O.

10' L.O.

12' L.O.

10' L.O.

10' L.O.

12' L.O.

10' L.O.

24' L.O.

10' L.O.

10' L.O.

278' L.O.

9' L.O.

10' L.O.

10' L.O.

10' L.O.

10' L.O.

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10' L.O.

10' L.O.

10' L.O.

RATIONAL METHOD DRAINAGE STUDY

By S. WEININGER Date OCT. '03 Subject HOLEWINSKI, 4505 PINE FEAR ROAD

Sheet No. 1 of 1

Chkd. By _____ Date _____ Storm Freq. 10 % 10 yr.

Job. No. 01-140

Point of Conc.	Area	EL Distance	Slope	v	Time of Conc. (in minutes)		I	K	C	ΔA Total	KΔAC	ΣKΔAC	Q	Design	Remarks
					Travel Time	Total Time									
1	A	660				15	1.70	1.33	.45	.5	.30	.30	.51		
2	B	425 570	.42	6.0	1.6	16.6	1.62	"	"	1.6	.96	1.26	2.0	12" HDPE	MTN. CHNL.
1	A	660				15	1.70	1.33	.45	.5	.30	.30	.51		
2	B	425 570	.42	.73	13	28	1.23	"	"	1.6	.96	1.26	1.6	12" HDPE	OVERLAND
ROADSIDE DITCH, STA. 101+50 ~ 102+85 RIGHT															
102+85			.05			15	1.70	1.33	.56	.13	.10	.10	.17	ROADSIDE DITCH	

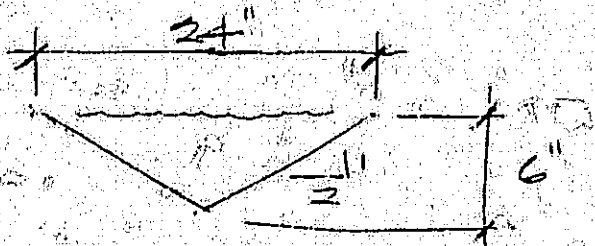
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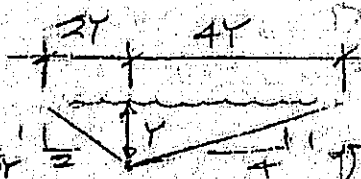
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$$R = \frac{.5}{2.24} = .22$$

$$S = .07$$

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

$$= \frac{1.49}{.030} (.5)(.22)^{2/3} (.07)^{1/2} = 2.4 > 2.0 \text{ OK}$$



NEW ROADSIDE DITCH

$$A = \frac{2Y^2}{2} + \frac{4Y^2}{2} = \frac{6Y^2}{2} = 3Y^2 \quad P_w = (2Y + 4Y \cdot 1.7) Y = 6.26 Y$$

$$A R^{2/3} = \frac{nQ}{1.49 S^{1/2}} = \frac{.022(.17)}{.052} = .011$$

$$\text{TRY } Y = .15 : A = .068, P_w = .954, R = .07, R^3 = .172, A R^3 = .012 \approx .011$$

DITCH FLOW = 0.15' DEEP @ 2.5 FT/SEC.