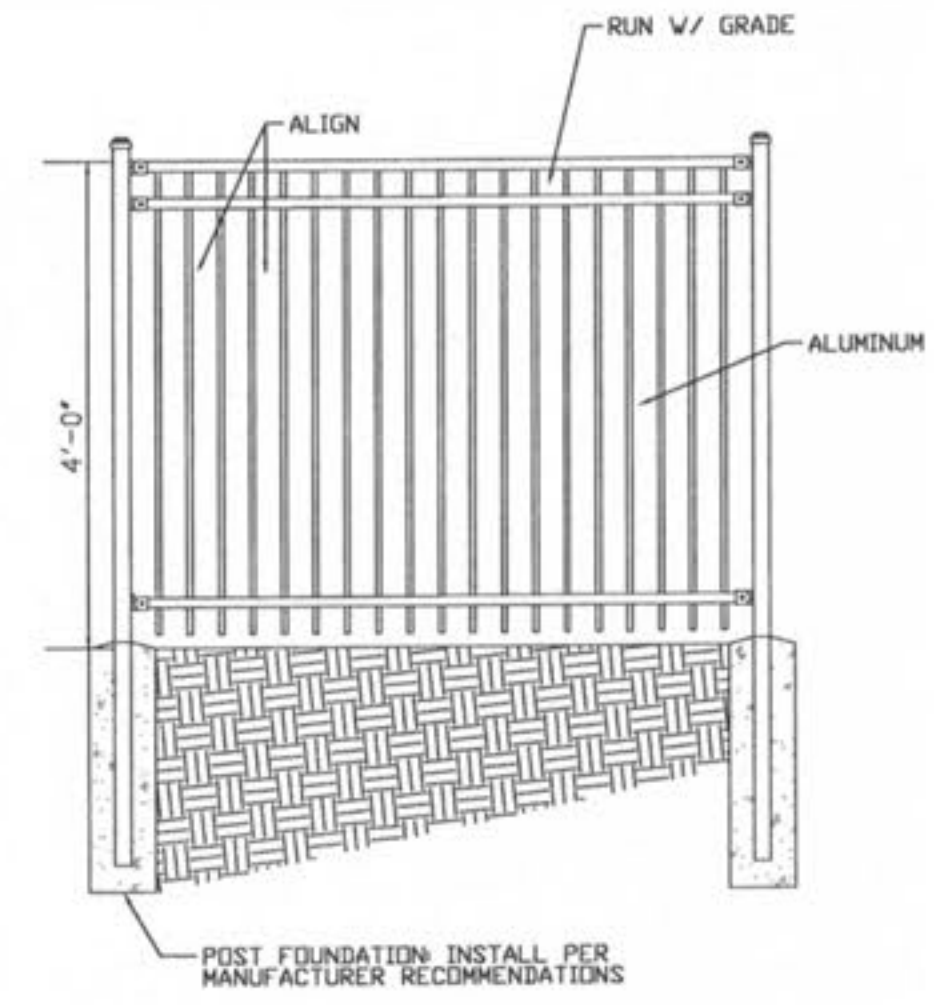


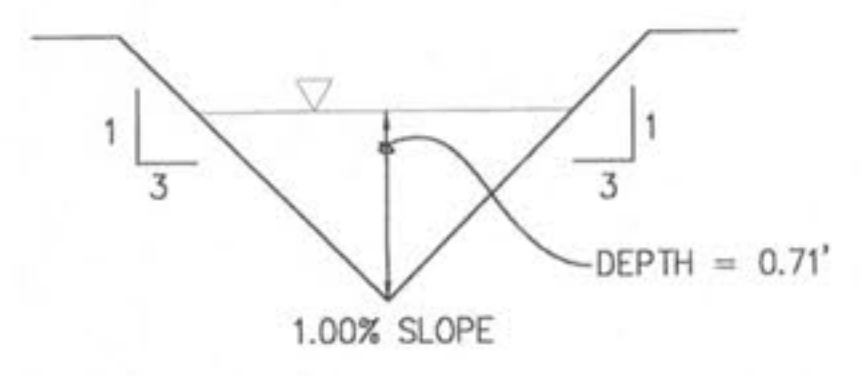
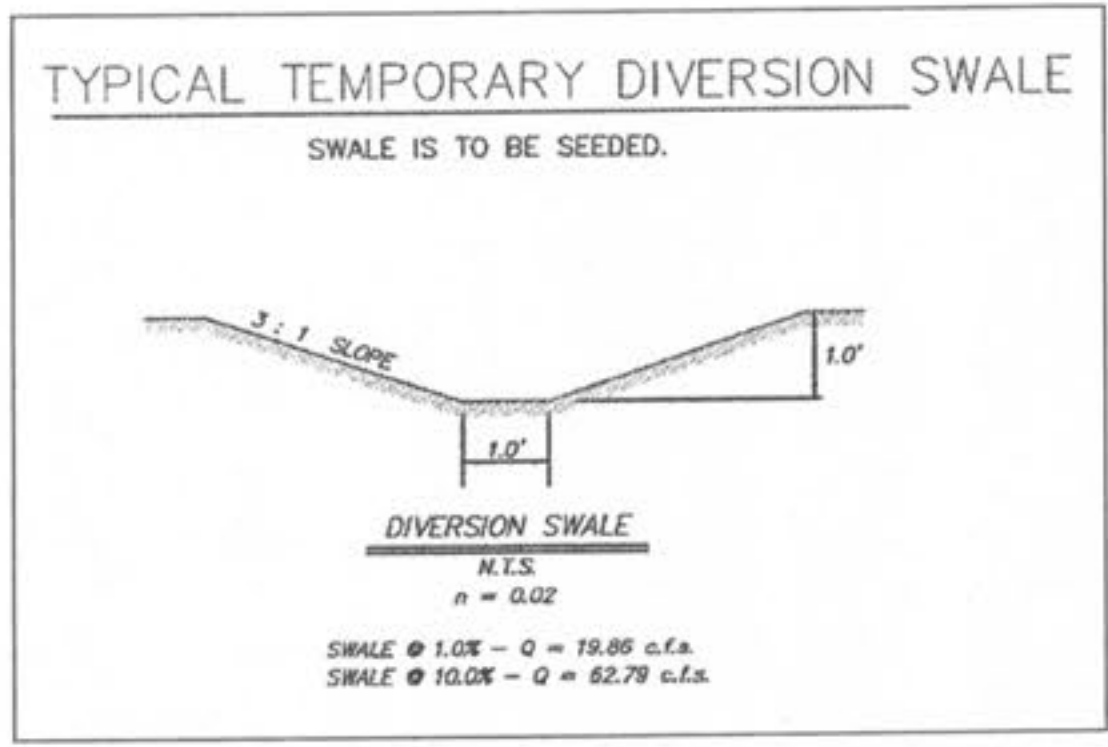


1 TYP. LOT FLOW PATTERN DETAIL
SCALE: N.T.S. REF. DWG.



2 ALUMINUM FENCE DETAIL
SCALE: N.T.S. REF. DWG.

NOTE:
1. FENCE TO BE INSTALLED ON ALL RETAINING WALLS OVER 4 FEET IN HEIGHT.
2. A FENCE PERMIT FROM COMMUNITY DEVELOPMENT IS REQUIRED PRIOR TO INSTALLATION OF FENCING

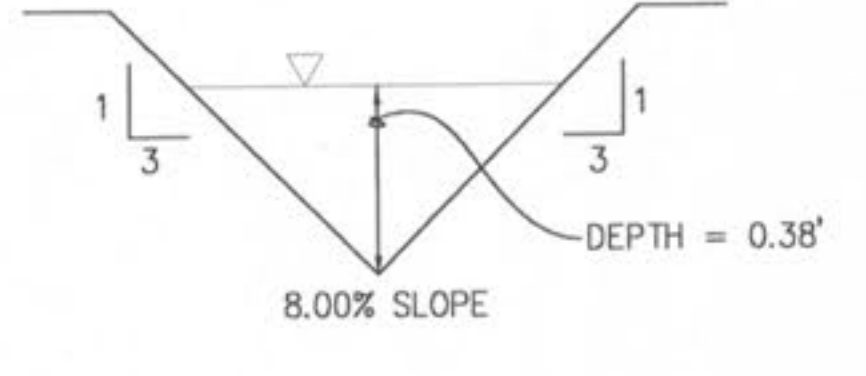


September 21, 2007

PROGRAM INPUT DATA	
DESCRIPTION	VALUE
Flow Rate (cfs)	4.0
Channel Bottom Slope (ft/ft)	0.01
Manning's Roughness Coefficient (n-value)	0.027
Channel Left Side Slope (horizontal/vertical)	3.0
Channel Right Side Slope (horizontal/vertical)	3.0
Channel Bottom Width (ft)	0.01

COMPUTATION RESULTS	
DESCRIPTION	VALUE
Normal Depth (ft)	0.71
Flow Velocity (fps)	2.66
Froude Number	0.789
Velocity Head (ft)	0.11
Energy Head (ft)	0.82
Cross-Sectional Area of Flow (sq ft)	1.50
Top Width of Flow (ft)	4.25

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Phone: (281) 440-3787, Fax: (281) 440-4742, Email: software@dodson-hydro.com
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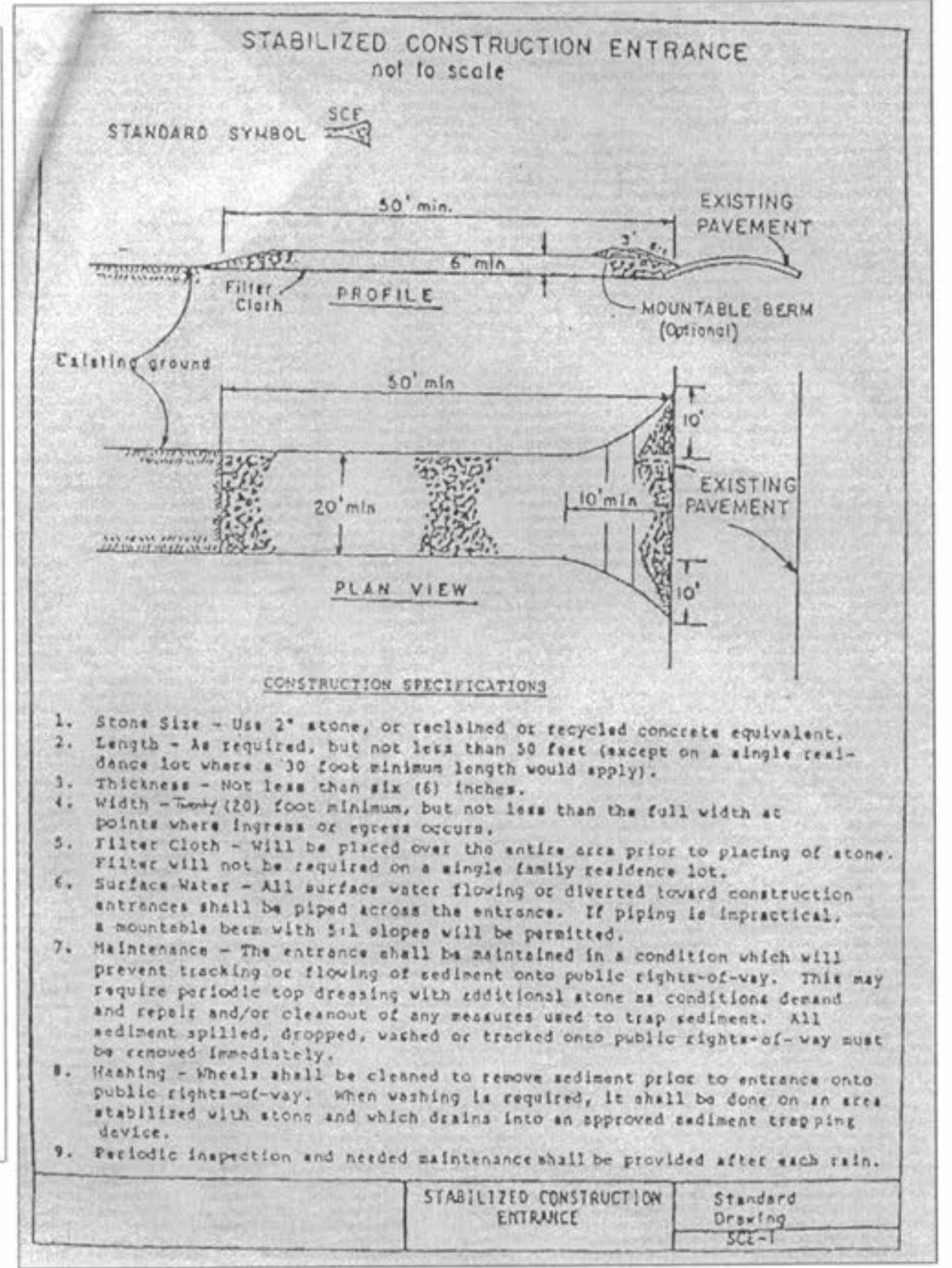
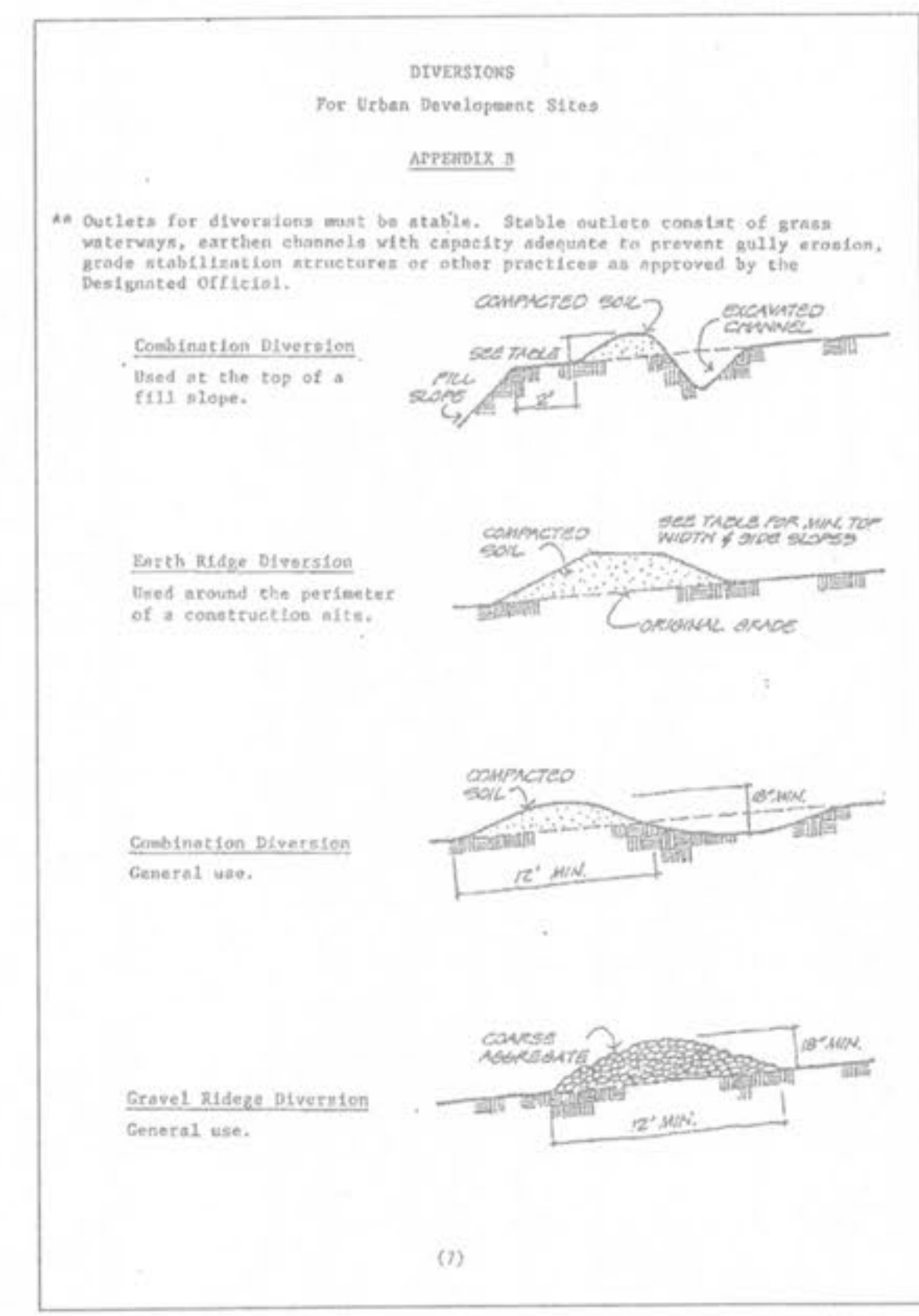


September 26, 2007

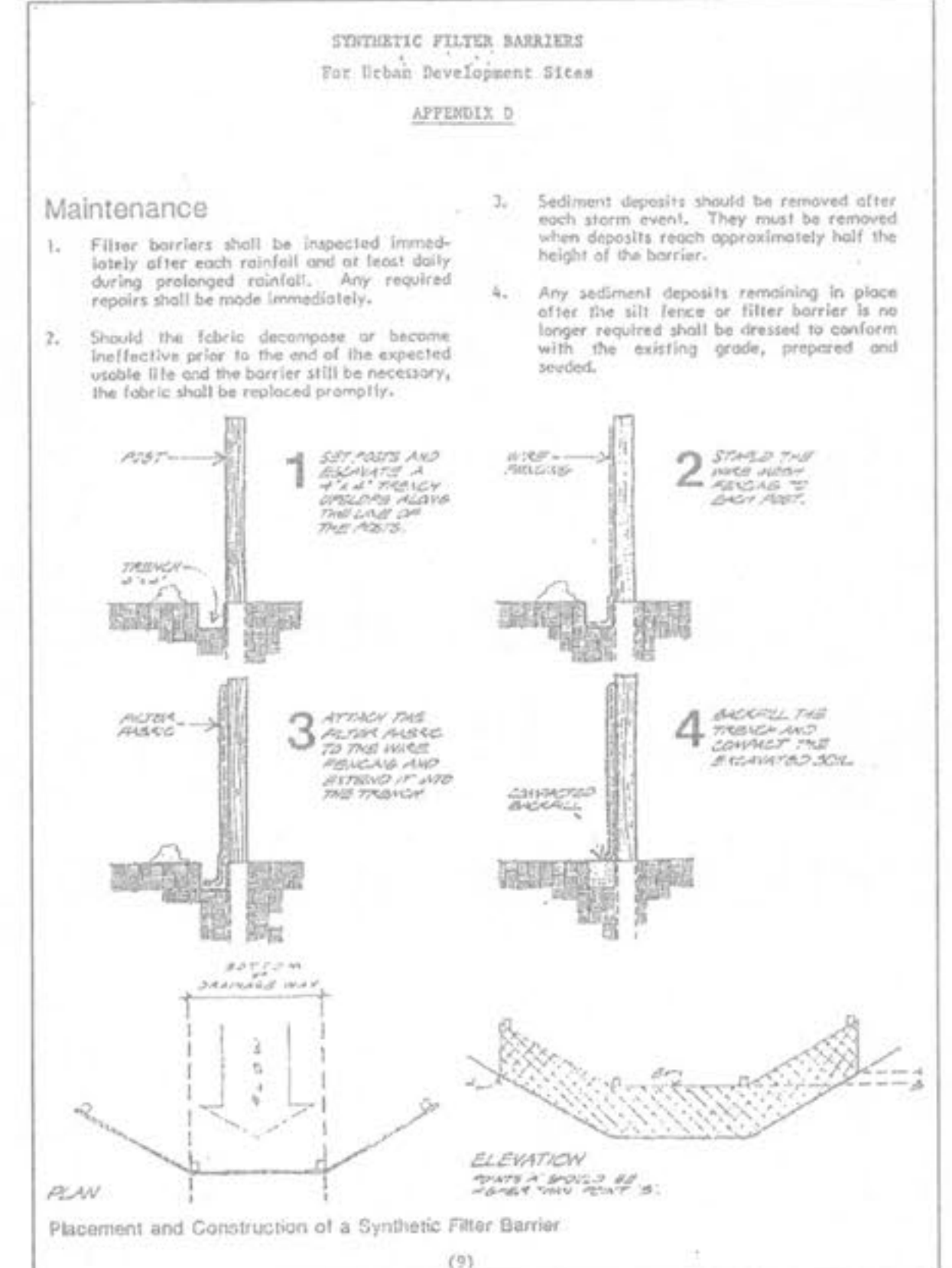
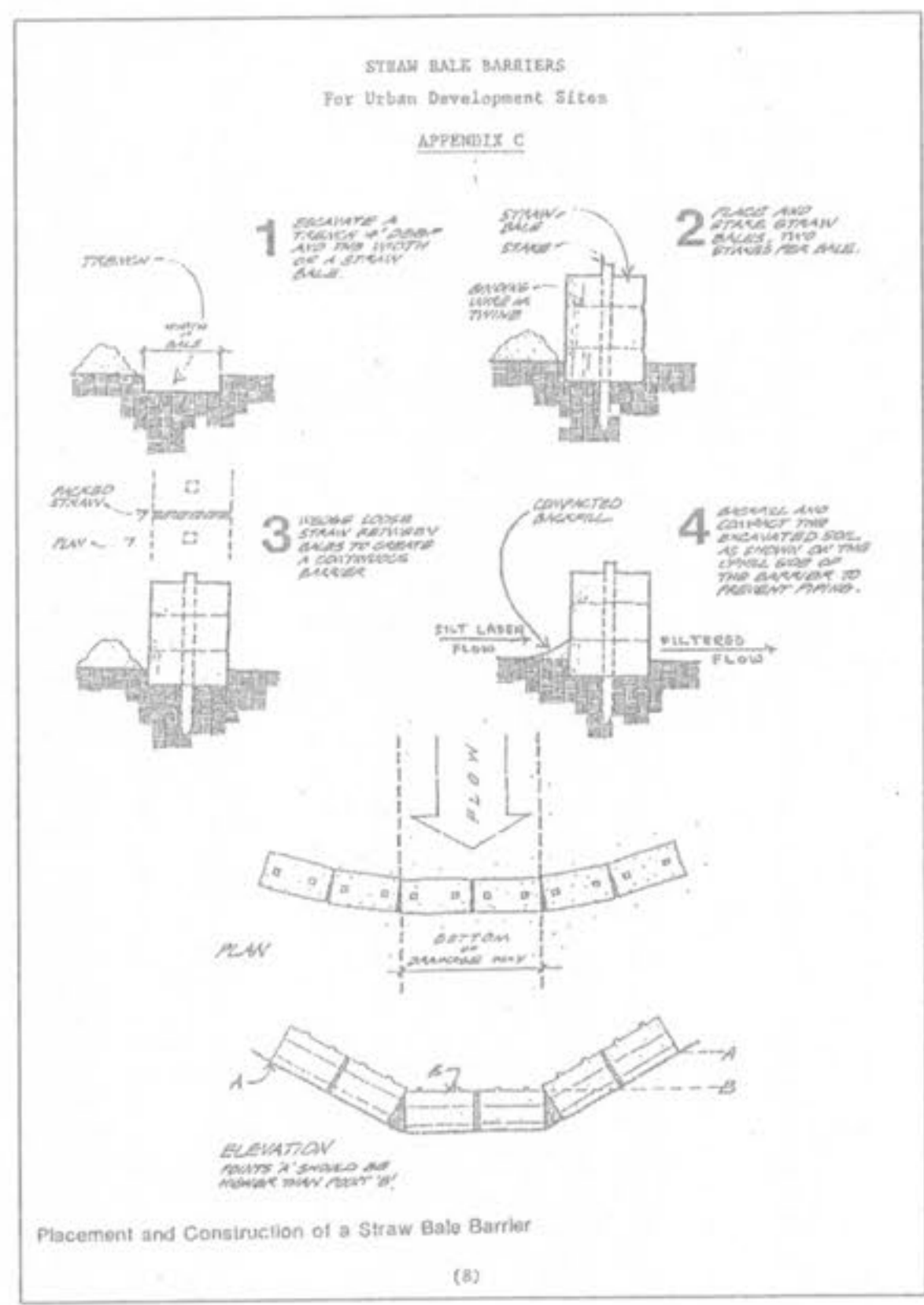
PROGRAM INPUT DATA	
DESCRIPTION	VALUE
Flow Rate (cfs)	2.16
Channel Bottom Slope (ft/ft)	0.08
Manning's Roughness Coefficient (n-value)	0.027
Channel Left Side Slope (horizontal/vertical)	3.0
Channel Right Side Slope (horizontal/vertical)	3.0
Channel Bottom Width (ft)	0.01

COMPUTATION RESULTS	
DESCRIPTION	VALUE
Normal Depth (ft)	0.38
Flow Velocity (fps)	4.99
Froude Number	2.02
Velocity Head (ft)	0.39
Energy Head (ft)	0.77
Cross-Sectional Area of Flow (sq ft)	0.43
Top Width of Flow (ft)	2.28

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IF WATER IS NOT AVAILABLE, A WATER TRUCK WILL BE PROVIDED.



LAND SURVEYING DETAIL SHEET 10.9
DRAWING: S:\2005\2007\107-0075\107-0075.dwg IMPROVEMENT PLANS\01-PLAN_C10.0-DETAILS_07-075.dwg

PLANNING AND DEVELOPMENT DEPARTMENT FILE #9831.57 (AREA PLAN-APPROVED MAY 24TH, ORDINANCE #5178) - 9831.57.01 (FINAL PLAN)

DESIGNED BY: C.B
DRAWN BY: KDK
CHECKED BY: JFH
DATE: 11/6/07
Job Number: 07-075
Sheet Number: C10.9

REVISIONS

NO.	DATE	DESCRIPTION
1	07/17/2008	CITY OF FALLON/7850 # 7050 COMMENTS
2	07/17/2008	CITY OF FALLON/7850 # 7050 COMMENTS
3	07/17/2008	CITY OF FALLON/7850 # 7050 COMMENTS
4	07/17/2008	CITY OF FALLON/7850 # 7050 COMMENTS

DEVELOPER/OWNER:
THE VILLAGE AT PARK PLACE LLC.
1001 BOARDWALK SPRINGS PL.
OFALLON, MO 63366
PHONE: (636) 561-9323

PROFESSIONAL SEAL AND SIGNATURE OF DESIGNER:
C. B. BROWN
REGISTERED PROFESSIONAL ENGINEER
NO. 000000000
STATE OF MISSOURI
EXPIRES 12/31/2010

SEAL