

Notes:
 LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

NOTE: DO NOT SCALE - DRAWING PLOT MAY NOT BE AT 100%

DATE ISSUED
 August 1, 2006

Note:
 Irrigation system exists on site. Locate and protect irrigation system in areas of Work.

Survey 14 October 2005
 SEG Engineering

- LEGEND
- +99.39 Existing Grades
SEG Engineering 2005 Survey
 - +99.8 Existing Grades
June 2, 2006
 - +BT 99.7 Proposed Grade
Bottom of Trench



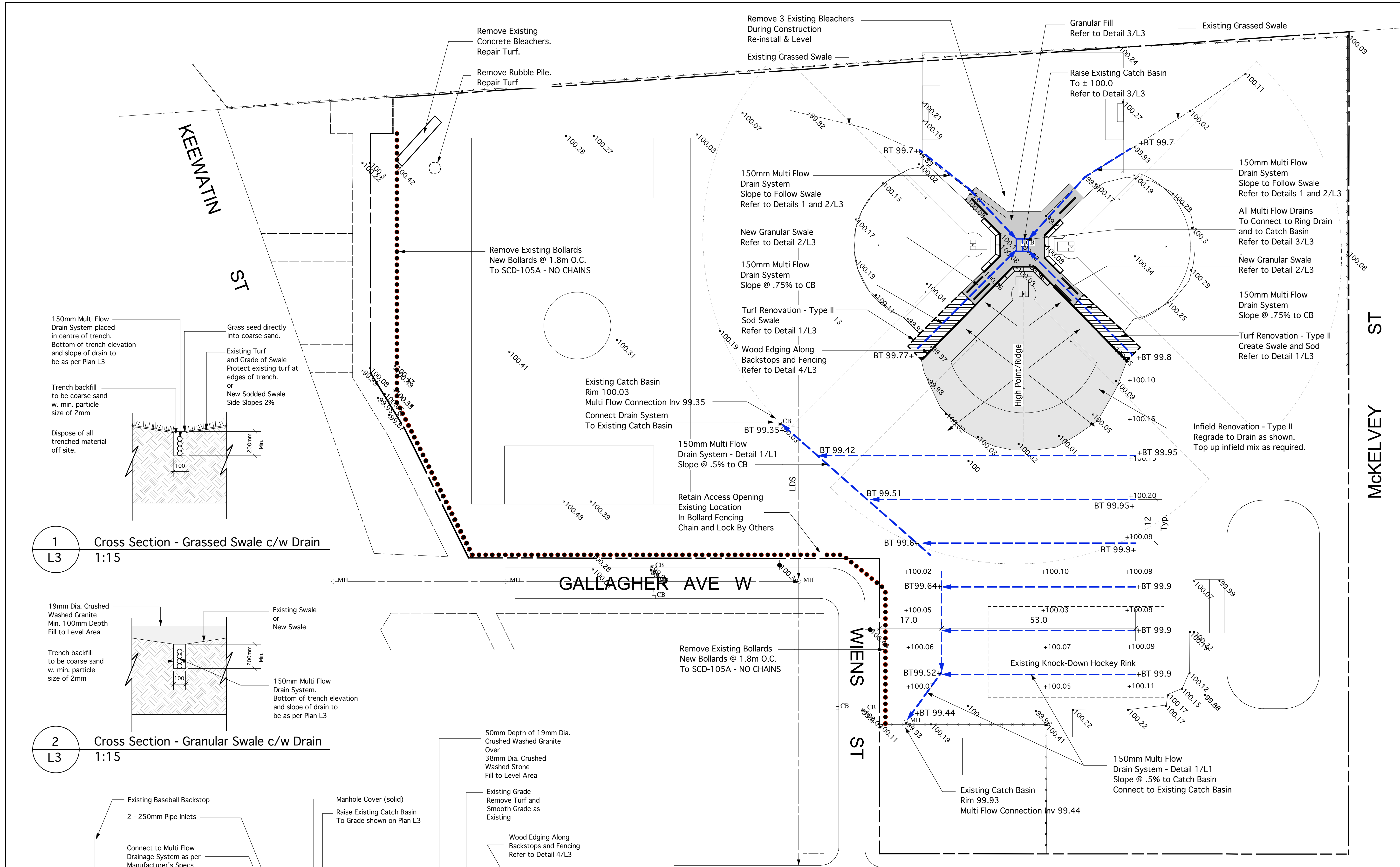
Manager Parks and Open Space Division
 Released For Construction Date

Project
Park and Athletic Field Renovations

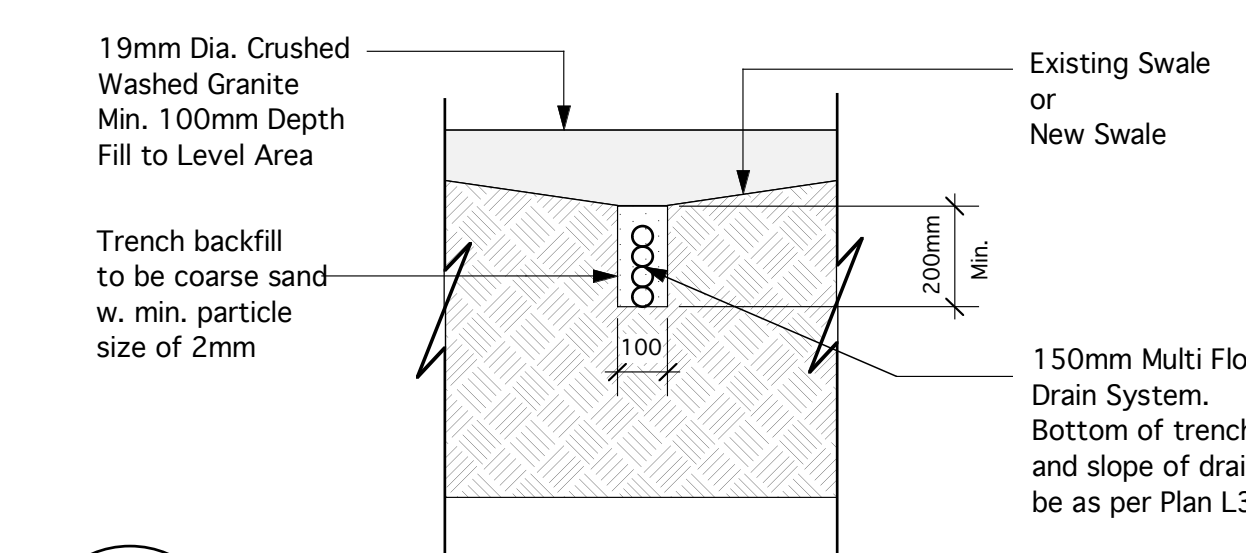
Sheet Title
Weston C.C.
 1625 Logan Ave.
 Winnipeg, Mb.
 R3E 1S8

Drawn	LLW / DW	Approved
Date	June 7, 2006	Scale
Job No.	0512 W	Drawing No.
		L3

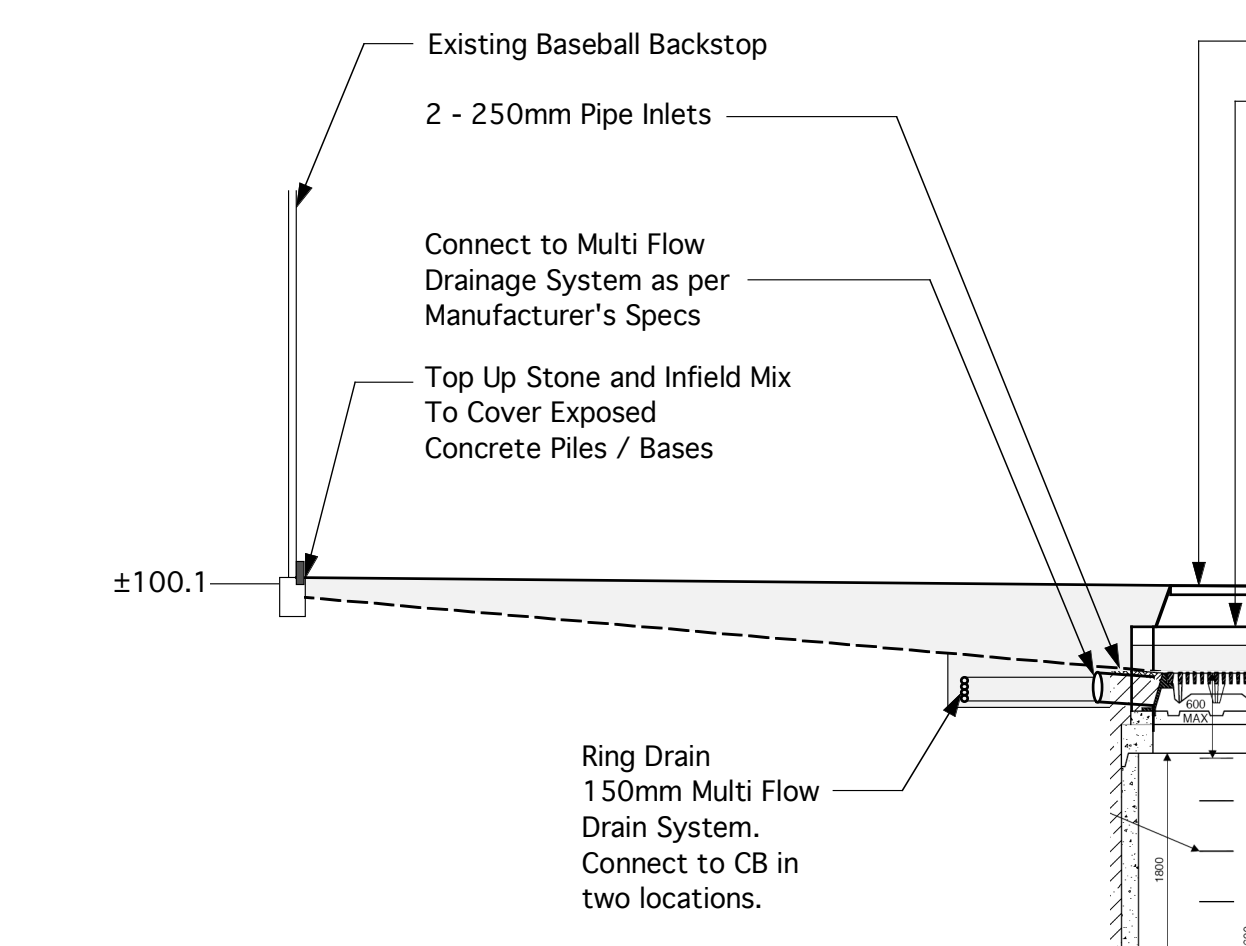
David Wagner Associates Inc.
 4 - 430 River Avenue Winnipeg, Manitoba. R3L 0C6 (204) 452-2426
 LANDSCAPE ARCHITECTURE • URBAN DESIGN • GOLF COURSE ARCHITECTURE



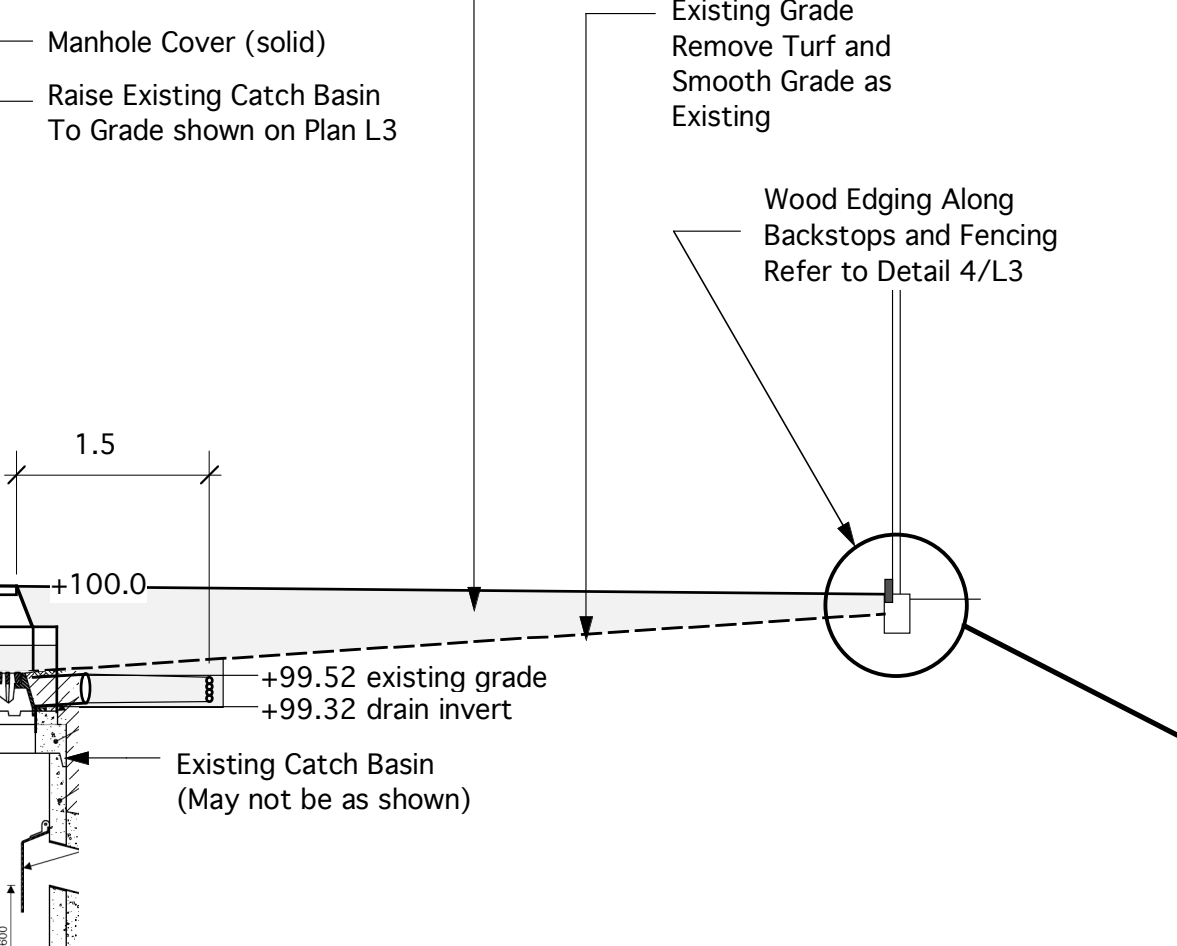
1 Cross Section - Grassed Swale c/w Drain
 1:15



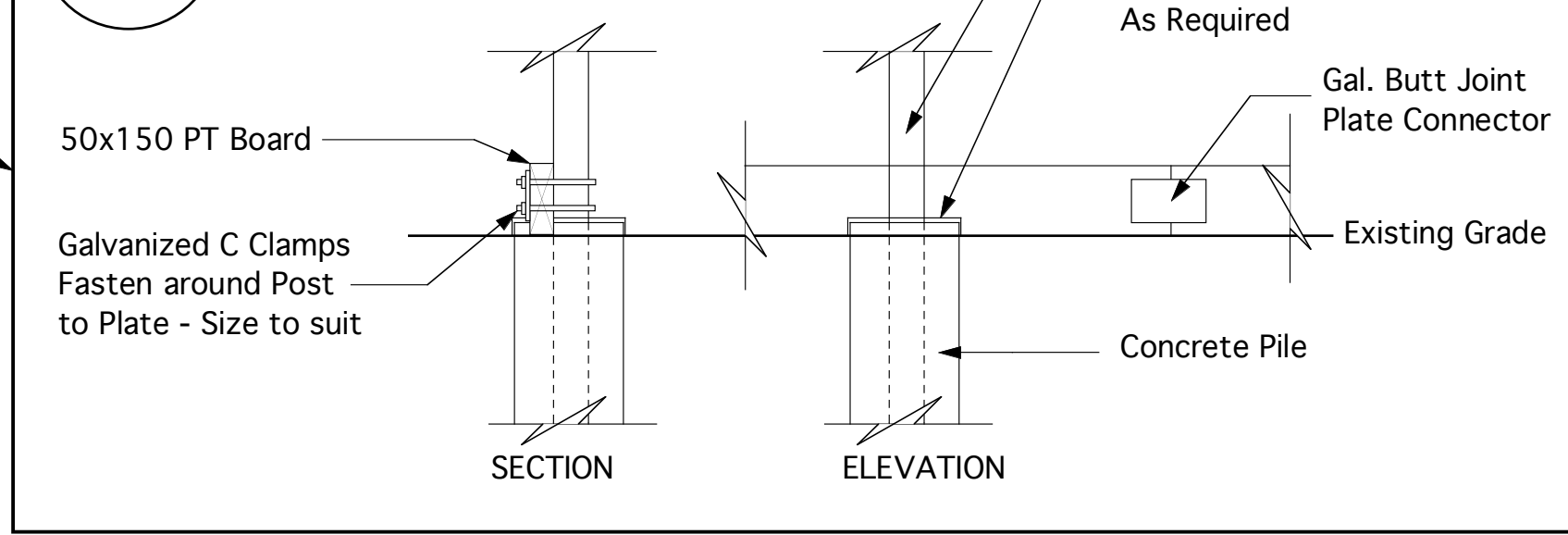
2 Cross Section - Granular Swale c/w Drain
 1:15



3 Catch Basin - Section Between Backstops
 1:50



4 Wood Edging Detail
 1:15



Drainage Design Notes.

1.	Rational Formula Used: Existing System				
	Q = CIA for 5 Yewar Storm				
	Q = CIA				
	C = .1	Given			
	I = 2.99	I = K / t + 8^0.828	K = 47.2	t = 20 + 8 min.	b = .828
	A = 1.85 Acres				
1.1	Design Flow	CFS = I x C x A	.55 CFS		
2	Proposed System				
2.1	Given no change to grades, and given that storm water drains to an existing system, event load to the existing system is insignificant.				
2.2	Direct connect to existing CB wwith 150mm Std. pipe.				