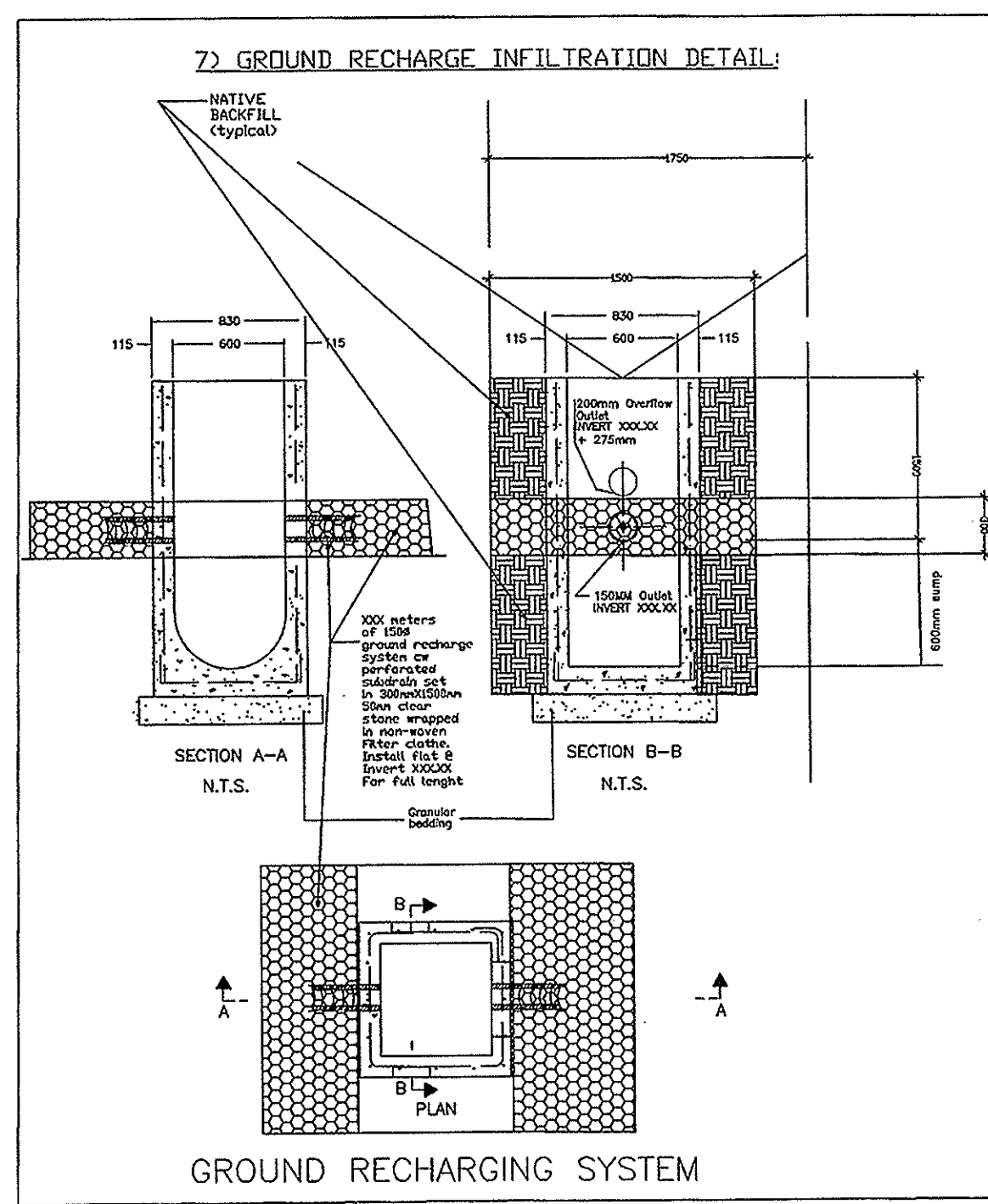
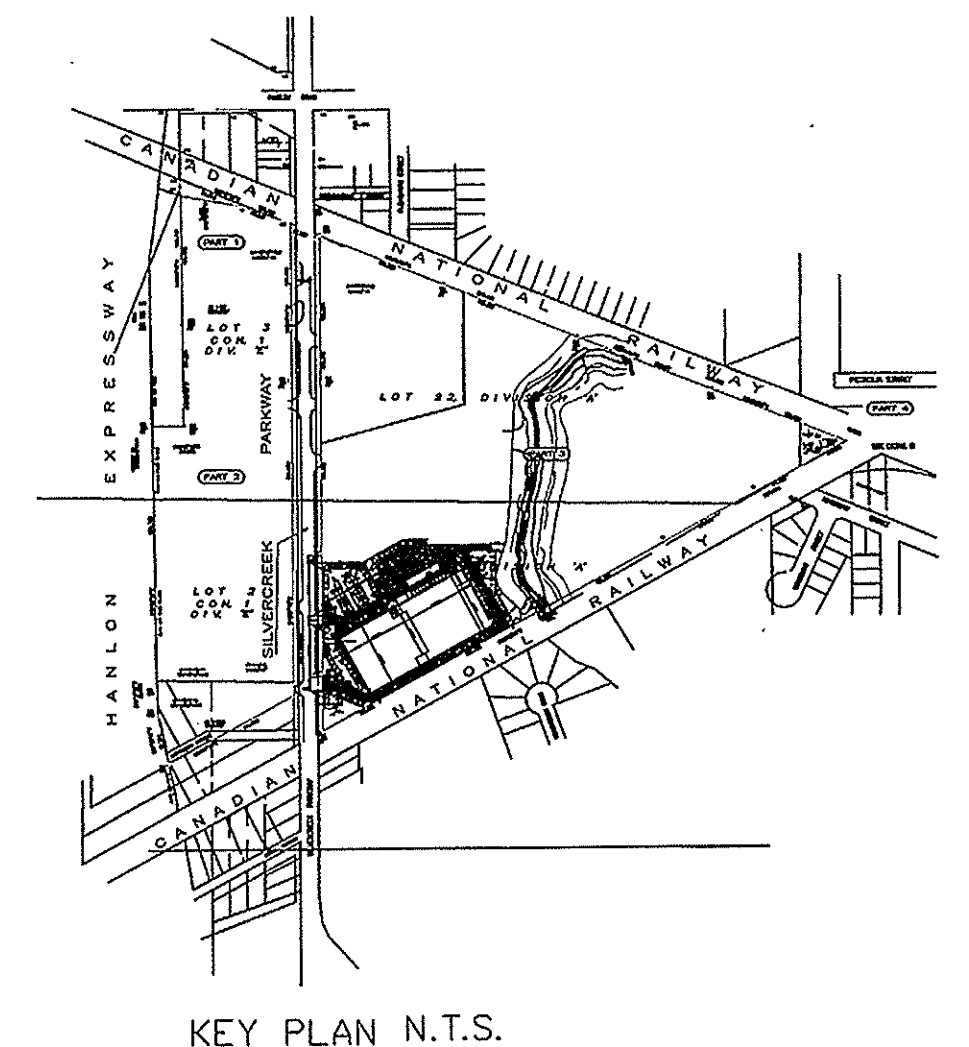


APPURTANCES DETAILED INFORMATIONS NOT SHOWN ON SITE PLAN DUE TO SPACE RESTRICTIONS

GUIDE TO LEGEND USED:			
SAN1	CBMHNV5	CBMHNEC5	T321.50
MHH45	T319.70	E1318.56	DMHHAx: APPURTANCES AROUND BLDG A
T321.90	N1316.48	V1318.33	2MHNVx: APPURTANCES NW SITE
E1318.98	S1316.45	S1318.36	3MHNVx: APPURTANCES SW SITE
V1318.95	E1316.48		4MHNVx: APPURTANCES LEDN SITE
SE1318.98			5MHNVx: APPURTANCES CENTRAL EAST SITE
			6MHNVx: APPURTANCES SILVER CREEK SOUTH ROADWAY
			7MHNVx: APPURTANCES SILVER CREEK NORTH ROADWAY
			8MHNVx: APPURTANCES IN 15M CITY OF GUELPH EASEMENT
			9MHNVx: APPURTANCES CENTRAL EAST SITE



- GENERAL NOTES:**
- FOR DETAILED DESIGN OF UNDERPASS & SILVERCREEK GRADING & DRAINAGE & CITY OF GUELPH EASEMENT STORM & SANITARY UNDER THE HAMILTON PARKWAY DESIGN REFER TO THE ENGINEERS & ARCHITECTS & PLANNERS' DESIGN DRAWINGS.
  - ALL WORK WITHIN THE CITY OF GUELPH R.O.W. SHALL BE CITY FORCES UPON APPLICATION.
  - IT IS THE OWNER'S RESPONSIBILITY TO CONDUCT ROUTINE MAINTENANCE OF GROSS TRAPS & / OR ANY OTHER OIL/ GRIT SYSTEMS INSTALLED ON THE OWNER'S PROPERTY.
  - DETAILED EROSION & SILT CONTROL DRAWINGS SHALL BE SUBMITTED TO THE CITY OF GUELPH PUBLIC WORKS DEPARTMENT TO THEIR SATISFACTION AT TIME OF SITE PLAN APPROVAL APPLICATION.
  - CONTROL FLOW ROOF DRAINS SEE DETAIL OF DRAIN ON SP4 OF 4 & IN SWM REPORT.
  - RELEASE RATE OF EACH CONTROL FLOW DRAIN SHALL BE 1 L/S FOR THE 5 YEAR STORMS & 1.5 L/S FOR THE 100 YEAR STORMS. FOR NUMBER OF CONTROL FOR EACH BUILDING IS NOTED IN THE DRAWING & IN THE SWM REPORT.
  - FOR EXACT LOCATIONS OF DRAINS REFER TO ARCHITECTURAL, STRUCTURAL & MECHANICAL DRAWINGS.
  - ROOFS SHALL BE CAPABLE OF STORING A MAXIMUM OF 150 MM & AND AN AVERAGE OF 100MM.
  - PERIMETER OVERFLOW SCUPPERS SHALL BE INSTALLED ON EACH BUILDING TO LIMIT THE MAXIMUM 150MM OF STORAGE ON EACH ROOF. ONE MINIMUM 300MM WIDE X 150MM HIGH FOR EACH ROOF DRAIN.
  - ALL SANITARY MANHOLE LOCATED IN SWM PONDING AREAS TO HAVE WATER TIGHT LIDS.



- EROSION & SEDIMENTATION**
- All silt fencing to be installed prior to any grading, excavating, or demolition commencing.
  - Erosion control fencing to be installed around the base of all stockpiles.
  - Erosion protection to be provided around all storm & sanitary MH's and CB's.
  - Additional erosion controls may be required as the site progresses, contractor to provide all additional erosion control structures.
  - The consultant is to monitor erosion control structures to ensure fencing is installed & maintenance is performed to City requirements.
  - erosion control structures to be monitored regularly and any damage repaired immediately. Sediments to be removed when accumulation reach a maximum of 1/2 the height of the silt fence.
  - All erosion control structures to remain in place until all disturbed ground surfaces have been stabilized either by paving or restoration of vegetative ground cover.
  - no alternative methods of erosion protection shall be permitted unless approved by the consultant and the City of Guelph Works Department.
  - The contractor is responsible for municipal road way to be cleaned as all sediments from vehicular tracking etc., at the end of each workday.



NO.	DATE	REVISIONS	BY
12	01/02/08	Submitted to Council for Planning application (submitted in 2007 for Site & San. Control) the Hamilton Permit application.	PVA
10	08/02/07	Submitted to Michael Spitzer at Point of View 08007	PVA
8	04/20/06	Submitted to Glen & Neil Robinson to White	PVA
5	04/07/06	Submitted to Sarah Manney	PVA
4	03/25/06	BEST OF CREEK DEVELOPMENT LINE PERMITTED	PVA
3	03/23/06	REVISIONS TO SWM REPORT	PVA
2	03/22/06	ISSUED FOR DISCUSSION WITH GRCA	PVA
1	02/28/06	ISSUED FOR DISCUSSION	PVA

**DRAWING ISSUE**

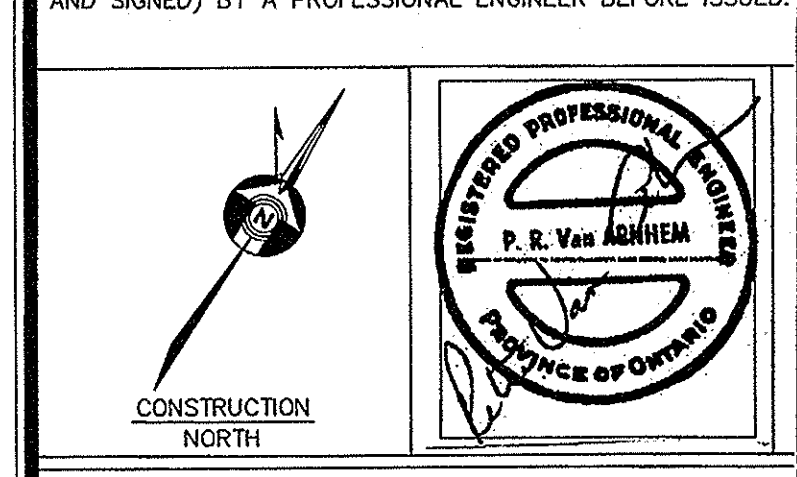
DATE	PARTICULARS	BY
02/02/03	Issued for Design Approval	PVA
02/08/03	Issued for Site Plan Approval	PVA
	Issued for Pricing and Budgeting	
	Issued for Building Permit	
	Issued for Tendering	
	Issued for Construction	
	Issued for Record Set of Docs.	

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DO NOT SCALE THIS DRAWING. ALL DIMENSIONS SHALL BE OBTAINED FROM THE ARCHITECTURAL OR CIVIL DIMENSIONS CAPACITIES & OVERLAND FLOW ROUTES CW HWITT CREEK 1-100 YR ATTENUATION POND CONCEPT ACCEPTED PER GRCA MAY 17 2007.

ANY AND ALL DISCREPANCIES OR PERCEIVED DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO PVA CONSULTANTS FOR WRITTEN CLARIFICATIONS AND/OR INSTRUCTIONS.

THIS DRAWING TO BE VALID MUST BE CERTIFIED (STAMPED AND SIGNED) BY A PROFESSIONAL ENGINEER BEFORE ISSUED.



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email: pvanarnhem@cocego.ca

CLIENT: SILVERCREEK DEVELOPMENTS (GUELPH) LIMITED

PROJECT: GUELPH CREEK JUNCTION MARKETPLACE

DRAWING NAME: SITEPLAN-PRELIMINARY SWM CW MAXIMUM PLUGGED DRAIN STORAGE CAPACITIES & OVERLAND FLOW ROUTES CW HWITT CREEK 1-100 YR ATTENUATION POND CONCEPT ACCEPTED PER GRCA MAY 17 2007

SCALE	DATE OF DWG.	PROJECT NO.
1:750	FEB 2006	0507

DRAWN BY: PVA  
CHECKED BY: PVA

SHEET NO. CSP3-E  
OF 4

REV. NO. 12

- LEGEND**
- EX SANITARY MANHOLE
  - EX STORM MANHOLE
  - KEY SHADOW MANHOLE
  - KEY STORM MANHOLE
  - CATCH BASIN
  - CBMH
  - SIAMSE CONNECTION
  - HYDRANT w/ VALVE & BOX w/ BRAMPER POSTS
  - HYDRANT w/ VALVE & BOX w/ BRAMPER POSTS
  - WATERMAIN
  - STORM SEWER
  - SANITARY SEWER
  - LIMIT OF CONSTRUCTION
  - PLUG VALVE AND VALVE BOX
  - OR IN VALVE
  - EXISTING ELEVATIONS
  - PROPOSED ELEVATIONS
  - PROPOSED ELEVATIONS
  - UNLESS INDICATED OTHERWISE
  - UNLESS INDICATED OTHERWISE
  - UNLESS INDICATED OTHERWISE
  - PROPERTY BOUNDARY
  - HEAVY DUTY ASPHALT
  - OVERLAND FLOW
  - EXISTING ELEVATIONS TO REMAIN
  - PROPOSED ELEVATIONS BOTTOM OF CURB, ADD 150mm TO OBTAIN TOP OF CURB, UNLESS INDICATED OTHERWISE
  - PROPOSED ELEVATIONS TOP OF CURB, DEDUCT 150mm TO OBTAIN BOTTOM OF CURB, UNLESS INDICATED OTHERWISE
  - BRIDGE: N/A
  - DEPRESSED CURB
  - TOPOGRAPHIC SURVEY PRODUCED BY: VAN HARTEN SURVEYORS GUELPH, ON.
  - DATE: FEBRUARY, 2006
  - LEGENS: CONTROL POINTS, TEMPORARY BENCHMARKS
  - SWM PONDING
  - MAXIMUM PONDING (PLUGGED DRAIN)
- ALL CURBS (typical) as per OPSD 600.110 SEE detail CURBS, otherwise specified
- NOTE: ALL CB'S AND CBMH'S TO HAVE 3 METER DRAINAGE SPIGOTS SEE ALSO DETAILS ON SP4