THE CORPORATION OF THE TOWN OF AMHERSTBURG

BY-LAW NO. 2005-74

A by-law to authorize the signing of a Development Agreement.

WHEREAS Andy Pelan, Trustee, Peter Beck, Trustee, Nathan Krey, Trustee, have proposed the development of property at 11 Third Concession North for use as a church/day care facility;

AND WHEREAS the Council of the Town of Amherstburg and owners of the said property have agreed to the terms and conditions of a Development Agreement in the form annexed hereto;

NOW THEREFORE THE COUNCIL OF THE CORPORATION OF THE TOWN OF AMHERSTBURG HEREBY ENACTS AS FOLLOWS:

- 1. That the Mayor and Clerk be and they are hereby authorized to execute the original and copies of a Development Agreement in the form annexed hereto and affix the Corporate Seal thereto.
- 2. This By-law shall come into force and effect on the date of final passage hereof.

Read a first, second and third time and finally passed this 22nd day of August, 2005.

Maron Dusi

Certified to be a true copy of By-law No. 2005-74 passed by the Amherstburg Municipal Council on August 22, 2005.

•		Province of Ontario	De	Ocument orm 4 — Land Registra	Generai	o Proces	ss Software l	_td. • (41	(6) 322-61°	11	D
				(1) Registry X	Land Titles	(2)	Page 1 of	15	pages		
	7	TION	- 	(3) Property Identifier(s)	Block 01543	Property 0162	<i>'</i>		Se	ditiona e hedule	
	423	IFICATE OF REGISTRATION FICAT D'ENREGISTREMENT ESCEX (12) WINDSOR	13.46 13.46		ment NT AGREEMEN	ſ					
NLY=	- T	OF RI ENAE (2) ₩	d	(5) Consideration							
SE O	***	CATE AT D	~~~	(6) Description			Dollars	\$			\dashv
FOR OFFICE USE ONLY		CERTIFICATE CERTIFICAT D' ESCEX (ZIIIS SEP	Part Lot 1, Cor Part 1 on 12R- Town of Amhe County of Esse Essex (No.12)	21940 rstburg						
	New Property Identif	iers	Additional: See Schedule								
	Executions		Additional: See Schedule	(7) This Document Contains:	(a)Redescription New Easement Plan/Sketch	¬	ichedule for: Description	Add Par	ditional ties	Oth	er X
) This Document pro ee Development		ws:			<u> </u>					$\neg \langle$
(1	o) This Document rela o) Party(ies) (Set ou Name(s) HE CORPORATION OF	t Status or Inter			Sgnature(s) Armando F. DeLu	Ca, Q.C	C.	Cont	Date of 2005	Signa	
(1	1) Address for Service		271 S	andwich St. S.	Amherstburg, Ont	ario N	9V 273	· · · · · ·		<u> </u>	
(1	2) Party(ies) (Set ou	t Status or Inter									\prec
ъ	Name(s)	TDHCTEE			Signature(s)				Date of	Signa M	ture D
	ELAN, ANDY,						••••••				
	ECK, PETER, 1 KREY, NATHAN		E								
	OWNERS										
(1	Address for Service		c/o	97 Rankin, An	aherstburg, Ontari	o N9V	1E7				,
(1	4) Municipal Addres	s of Property	(15) D	ocument Prepared	by:			Fees a	and Tax		\preceq
			ľ	ando F. DeLuca		SE ONLY:	Registration	Fee	60	_	:
	acant property ox Road and Alr	na St.	Mou LLP	sseau,DeLuca,N	AcPherson,Prince	E USE			247.207.299.4		
1	mherstburg, On		500-2	251 Goyeau St.							
			Wind	dsor, Ontario N	9A 6V2	FOR OFFICE	Total		62		
(\downarrow			샜딲	rotai		(2))

Document prepared using Form'L'Ware LandForms

DEVELOPMENT AGREEMENT

Register	Registered					
THIS AGREEMENT	made in quintuplicate this <u>22nd</u> , 2005.	day of				
BETWEEN:	ANDY PELAN, TRUSTEE					

PETER BECK, TRUSTEE NATHAN KREY, TRUSTEE

hereinafter called the "OWNER"

OF THE FIRST PART

-and-

THE CORPORATION OF THE TOWN OF AMHERSTBURG

hereinafter called the "CORPORATION" OF THE SECOND PART

WHEREAS the lands affected by this Agreement are described in Schedule "A" attached hereto, and are hereinafter referred to as the "said lands";

AND WHEREAS the Owner warrants it is the registered owner of the said lands;

AND WHEREAS, in this Agreement the "Owner" includes an individual, an association, a partnership or corporation and, wherever the singular is used therein, it shall be construed as including the plural;

AND WHEREAS the Official Plan in effect in Amherstburg designated parts of the area covered by the Official Plan as a Site Plan Control area;

AND WHEREAS the Owner intends to develop or redevelop the said lands for a church/day care facility in accordance with the Site Plan attached hereto as Schedule "B", and hereinafter referred to as the "Site Plan";

AND WHEREAS the Corporation as a condition of development or redevelopment of the said lands requires the Owner to enter into a Development Agreement;

NOW THEREFORE THIS AGREEMENT WITNESSETH that in consideration of other goods and valuable consideration and the sum of FIVE (\$5.00) DOLLARS of lawful money of Canada, now paid by each of the parties hereto to each of the other parties hereto, (the receipt of which is hereby acknowledged), the Owner hereby covenants and agrees with the Corporation as follows:

1. The following Schedules, which are identified by the signatures of the parties to this Agreement, and which are attached hereto, are hereby made a part of this Agreement as fully and to all intents and purposes as though recited in full herein:

SCHEDULE "A" - Legal description of the said lands

SCHEDULE "B" - Site Plan

SCHEDULE "C" – Site Servicing Plan

SCHEDULE "D" – Elevations

SCHEDULE "E" – Landscape Plan SCHEDULE "F" – Stormwater Management Plan

- 2. Schedule "A" hereto describes the lands affected by this Agreement.
- 3. Schedule "B" hereto shows:
 - (a) The location of all buildings and structures to be erected;
 - (b) The location and provision of off-street vehicular loading and parking facilities and access driveways including driveways for emergency vehicles:
 - (c) Walkways and all other means of pedestrian access;
 - (d) The location and provision for the collection and storage of garbage and other waste materials.
- 4. Schedule "C" hereto shows:
 - (a) Site Servicing.
- 5. Schedule "D" hereto shows:
 - (a) Elevation drawings for the structure.
- 6. Schedule "E" hereto shows:
 - (a) Landscaping Plan.
- 7. Schedule "F" hereto shows:
 - (a) Stormwater Management Plan
- 8. The Owner shall be responsible for consulting with and obtaining any necessary approvals from Essex Power Lines Corporation regarding any matters that relate to services provided by Essex Power Lines Corporation.
- 9. The Owner shall be responsible for consulting with and obtaining any necessary approval from the Ministry of the Environment or the Essex Region Conservation Authority.
- 10. The Owner shall be responsible for consulting with and obtaining any necessary approval from the authority having jurisdiction regarding the private septic system.
- 11. All of the exterior walls of the building shall be as per the elevation drawings as shown on Schedule "D" hereto.
- 12. All parking or loading areas and lanes and driveways shall be paved with asphalt or a concrete Portland cement or other material capable of permitting accessibility under all climatic conditions, as shown on Schedule "B" and together with crushed stone, slag, gravel, crushed brick, tile, cinders or like materials, having a combined depth of at least 15.2 cm. and with provisions for drainage facilities.
- 13. The Owner shall maintain a minimum of parking spaces, as designated on Schedule "B".

14. All walkways on the said lands, where so designated on Schedule "B", shall be constructed of either concrete or interlocking paving stone by the Owner to the satisfaction of the Corporation.

-3-

- 15. If any curbs, sidewalks, boulevards or highway surfaces of the Corporation are damaged during the development by the Owner, such damage shall be repaired or replaced by the Owner.
- 16. Snow removal from the parking or loading areas and lanes, driveways and walkways shall be the responsibility of the Owner.
- 17. The Owner shall install and maintain a system for the disposal of storm and surface water as indicated on Schedule "C" and Schedule "F" so that no such water will flow along the surface from the said lands onto any adjoining lands. All storm and surface water disposal systems shall be to the satisfaction of the Corporation's Engineer.
- 18. Any garbage or refuse that is stored outside shall be stored in a non-combustible container and maintained so that the garbage or refuse does not blow or fall out of the container.
- 19. Any and all lighting shall be installed and maintained so as to not, in the opinion of the Corporation, interfere with the use or enjoyment of adjacent properties or with the safe flow of traffic on abutting or adjacent streets.
- 20. The Owner shall landscape and maintain in plants and ground cover acceptable to the Corporation those lands so indicated on Schedule "E". The Owner agrees that the site will be inspected on an annual basis and any deficiencies will require immediate correction in accordance with the approved site plan.
- 21. All driveways for emergency vehicles shall:
 - (1) Be connected with a public thoroughfare;
 - (2) Be designed and constructed to support expected loads imposed by firefighting equipment;
 - (3) Be surfaced with concrete, asphalt or other material capable of permitting accessibility under all climatic conditions;
 - (4) Have a clear width of 3 metres at all times;
 - (5) Be located not less that 3 metres and not more than 15.2 metres measured horizontally and at right angles from the face of the building;
 - (6) Have an overhead clearance not less than 4.5 metres;
 - (7) Have a change in gradient of not more than 1 in 12.5 over a minimum distance of 15.2 metres; and
 - (8) Have approved signs displayed to indicate the emergency route.
- 22. If the Ontario Building Code requires that an architect or professional engineer or both shall be responsible for the field review of any new building or extension provided for in this Agreement, the Owner shall not occupy or use or permit to be occupied or used any said new building or extension until after an architect or professional engineer has given to the Corporation a letter addressed to the Corporation and signed by him certifying that all services on or in the said lands, required for this development or

redevelopment, newly installed by the Owner in connection with this development or redevelopment and not contained within a building, have been installed and completed in a manner satisfactory to the architect or professional engineer.

- 23. The Corporation through its servants, officers and agents including its building inspector, plumbing inspector, fire chief, public works head and municipal engineer may from time to time and at any time enter on the premises of the Owner to inspect:
 - (1) The progress of development;
 - (2) The state of maintenance as provided for in this Agreement.
- 24. In the event of any servant, officer or agent of the Corporation determining upon inspection the development is not proceeding in strict accord with the plans and specifications filed, such servant, officer or agent shall forthwith place a notice requiring all work to be stopped upon the premises and forward a copy by registered mail to the Owner at his last address as shown by the revised assessment rolls, and the Owner shall forthwith correct the deficiency or deviation.
- 25. In the event of any servant, officer or agent of the Corporation upon inspection being of the opinion that the state of maintenance is not satisfactory, such servant, officer or agent shall forthwith forward notice of such opinion to the Owner by registered mail at his last address as shown from the revised assessment rolls, and the Owner shall forthwith correct the deficiency or appeal to Council of the Corporation as hereinafter provided.
- 26. In the event that an Owner should disagree with the opinion of the servant, officer or agent of the Corporation as to the state of maintenance, such Owner shall appear before Council of the Corporation, which after hearing the Owner, shall express its opinion as to whether the maintenance is satisfactory by resolution, which shall constitute a final determination of the matter.
- 27. In the event that an Owner should fail to obey a stop work order issued under Section 24 hereof, the Owner recognizes the right of the Corporation to apply to the Courts for a restraining order.
- 28. In the event that an Owner should fail to correct a deviation or deficiency after notice pursuant to Section 25 or after notice of an opinion, which Council of the Corporation determines is correct under Section 26, the Council of the Corporation may by law direct or default of the matter or thing being done by the Owner, after two (2) weeks notice to it by registered mail at the last shown address of the Owner pursuant to the revised assessment rolls of passage of such by-law, that such matter or thing be done by the Corporation at the expense of the Owner, which expense may be recovered by action or like manner as municipal taxes.
- 29. In the event of an Owner wishing to change at any time any of the buildings, structures or facilities described in the plans annexed or referred to in Section 3 hereof, it shall make application to Council of the Corporation for approval and shall not proceed with such change until approval is given by such Council, or in default by the Ontario Municipal Board, under the procedure set out in Section 41 of the Planning Act, R.S.O. 1990 herebefore referred to.

/

- 30. This Agreement and the provisions thereof do not give to the Owner or any person acquiring any interest in the said lands any rights against the Corporation with respect to the failure of the Owner to perform or fully perform any of its obligations under this Agreement or any negligence of the Owner in its performance of the said obligations.
- 31. In the event that no construction on the said lands has commenced within one (1) year from the date of registration of this Agreement, the Corporation may, at its option, on one month's notice to the Owner, declare this Agreement to be subject to re-negotiation, whereupon the Owner agrees that it will not undertake any construction on the said lands until this Agreement has been re-negotiated.
- 32. The Developer agrees that, if required by the Corporation, 6m of property will be conveyed to the Town of Amherstburg for the purposes of road widening along Alma Street at no cost to the Corporation.
- 33. All facilities and matters required by this Agreement shall be provided and maintained by the Owner at its sole risk and expense to the satisfaction of the Corporation and in accordance with the standards determined by the Corporation and in default thereof and without limiting other remedies available to the Corporation, the provisions of Section 469 of The Municipal Act shall apply.
- 34. A financial guarantee (Performance Bond, Letter of Credit or other security acceptable to the Corporation) for 100% of the cost of on-site improvements (other than buildings or structures) is required as part of the site plan agreement. The said amount to be approved by the Corporation's Manager of Public Services. A one (1) year maintenance security is also a requirement of this agreement with the option of reducing the security to 15% of the cost of the site improvements during the one (1) year maintenance period after the Town has inspected and initially approved same.
- 35. This Agreement shall be registered against the land to which it applies, at the expense of the Owner, and the Corporation shall be entitled, subject to the provisions of The Registry Act and The Land Titles Act, to enforce its provisions against the Owner named herein and any and all subsequent owners of the land.

IN WITNESS WHEREOF the Owner executed this Agreement.

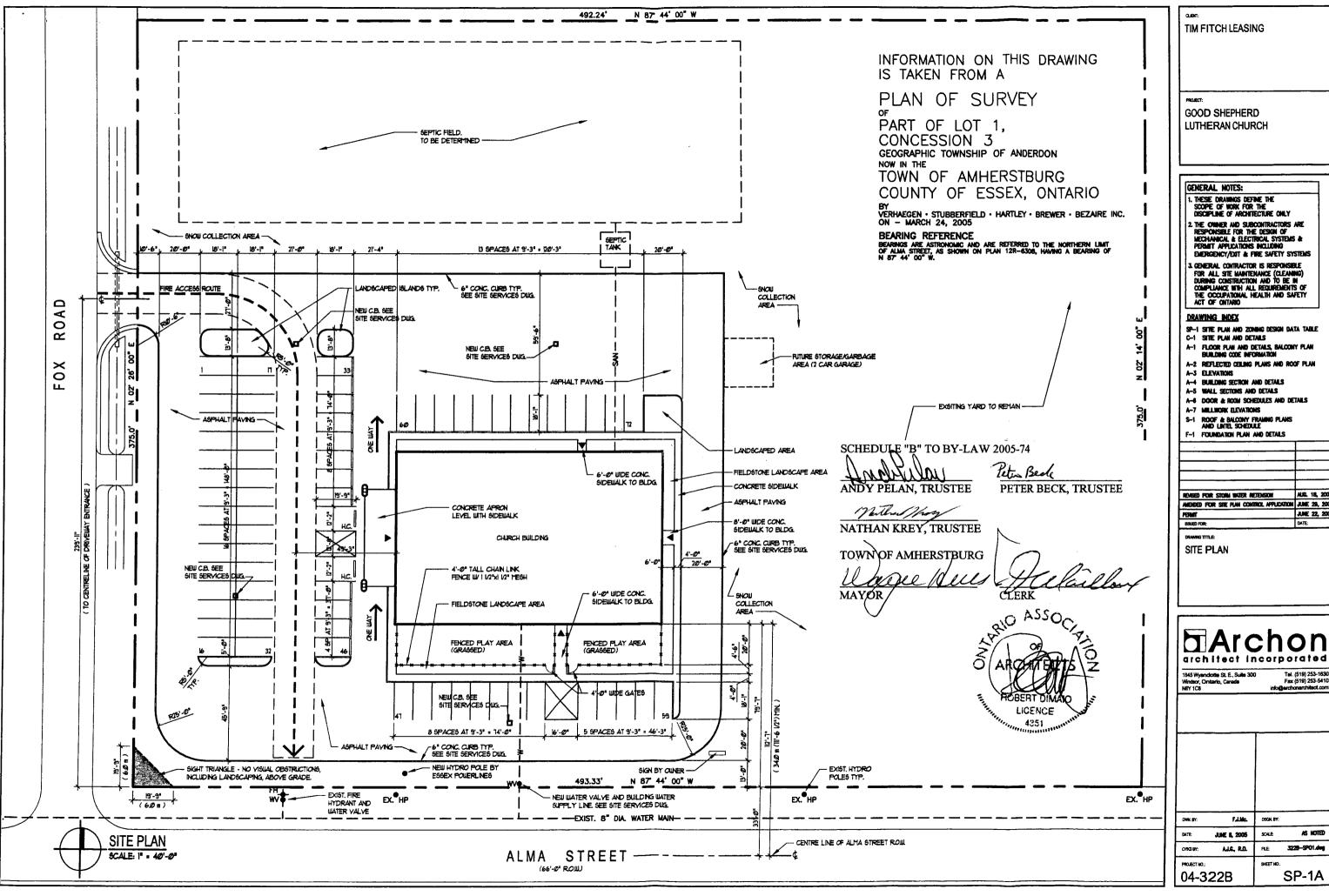
OWNER: Andulah	THE CORPORATION OF THE TOWN OF AMHERSTBURG
Andy Pelan, Trustee Lity Beck	Mayor Wayne Hurst
Peter Beck, Trustee Notemany	Clerk David Mailloux
Nathan Krey Trustee	-

Authorized and approved by Bylaw No. 2005-74 enacted the 22nd day of August, 2005.

SCHEDULE "A"

The following is a description of the land to which this instrument applies:

Part Lot 1, Concession 3, Being Part 1 on 12R-21940, Town of Amherstburg, County of Essex, Province of Ontario Essex (No. 12)



	<u> </u>
REMSED FOR STORM WATER RETENSION	AUG. 18, 200
AMENDED FOR SITE PLAN CONTROL APPLICATION	JUNE 29, 200
PERMIT	JUNE 22, 200
KOUEN STAD-	DATE



DWN. BY:	F.I.Mo.	OSGAL BY:	
DATE	JUNE 8, 2005	SCALE	AS MOTED
CHIND BY:	AJE, RD.	PLE	3228-SP01.dwg
PROJECT NO.:	200	SHEET NO.:	CD 1A

SCHEDULE "B" TO BY-LAW 2005-74 CONTINUED

DESIGN DATA	TABLE	
ZONING	INSTITUTIONAL (REQ'D.)	PROVIDED
INTENDED USE	PLACE OF WORSHIP, DAYCARE	PLACE OF WORSHIP, DAYCARE
MINIMUM LOT AREA	NO MINIMUM	184,998.75 sq. ft. (17,186.9 sq. m.) 4.24 acres (1.71 ha)
MINIMUM LOT FRONTAGE	NO MINIMUM	375 <i>0</i> ′ (114.3 m)
MAXIMUM LOT COVERAGE	50% of the lot area	6.4 percent
MINIMUM FRONT YARD DEPTH	492' (50 m)	127'-i" (38.74 m)
MINIMUM REAR YARD DEPTH	32 <i>8</i> ' (២ <i>୭</i> m)	252'-0" (768 m)
MINIMUM SIDE YARD WIDTH	32.8' (100 m) (INTERIOR) 49.2' (150 m) (EXTERIOR)	212'-8" (64.8 m) (INTERIOR) T1'-1" (23.5 m) (EXTERIOR)
MIN LANDSCAPED OPEN SPACE YD.	30 percent	61 percent
MAXIMUM BUILDING HEIGHT	32.8' (10.0 m)	28'-0" (853 m) TO ROOF PEAK
BUILDING AREA	N/A	11,104 sq. ft. (1,031,60 sq. m.)
GROSS FLOOR AREA	NA	11,875 sq. ft. (1,10320 sq. m.)
NIMBER OF FLOORS	NA	I floor
LOOR AREA RATIO (GFA / lot area)	NA	1:0064
PAVED AREA	NA	41,697,0 sq. ft. (3,873,8 sq. m.)
PARKING SPACES	Church - 60 req'd. Daycare - 4 req'd.	12 spaces provided 4 spaces provided
SARRIER-FREE PARKING SPACES	2 spaces required	2 spaces provided
SICYCLE PARKING SPACES	Ø spaces required	0 spaces provided
OADING SPACES	0 spaces required	Ø spaces provided

TIM FITCH LEASING

GOOD SHEPHERD LUTHERAN CHURCH

GENERAL HOTES:

- 1. THESE DRAWINGS DEFINE THE SCOPE OF WORK FOR THE DISCIPLINE OF ARCHITECTURE ONLY
- C THE OMER AND SUBCONTRACTORS ARE RESPONSILE FOR THE DESIGN OF MECHANICAL & ELECTRICAL SYSTEMS & PERMIT APPLICATIONS INCLIDING EMERGENCY/ENT & FIRE SAFETY SYSTEMS
- 3. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL STE MANIFEMANCE (CLEANING) DURBING CONSTRUCTION AND TO BE IN COMPLAINE WITH ALL REQUIREMENTS OF THE COCUPATIONAL HEALTH AND SAFETY ACT OF ONTARIO.

DRAWING INDEX

- SP-1 SITE PLAN AND ZONING DESIGN DATA TABLE G-1 SITE PLAN AND DETAILS A-1 FLOOR PLAN AND DETAILS, BALCORY PLAN BUILDING CODE INFORMATION
- A-2 REFLECTED CELLING FLANS AND ROOF FLAN
- A-3. ELEVATIONS
- A-4 BUILDING SECTION AND DETAILS
 A-5 WALL SECTIONS AND DETAILS
 A-6 DOOR & ROOM SCHEDULES AND DETAILS
- A-7 MELWOOK ELEVATIONS
- ROOF & BALCONY FRAMING PLANS AND LINTEL SCHEDULE
- F-1 FOUNDATION PLAN AND DETAILS

ENDED FOR SIE FLAN COMMOL APPLICATION	JUNE 28, 2005
THE T	JUNE 22, 2005
HIER SOP	DATE

DIVINOIS TITLE

ZONING DESIGN DATA TABLE

	l	_	
ı	T Ar	∧h	on
		UII	OII
	architect	Incorp	betpro

1645 Wyandotte St. E., Suite 300 Windsor, Ontario, Canada NBY 1CB

04-322B

Tel. (519) 253-1630 Fax (519) 253-5410 info@archosenthinct.com

SP-1B

1				
	l			
ı				
	1			
	DMIL BY:	FASE	OSGN. SY:	
	DATE	JUE 8, 2005	SCALE	AS NOTED
	CHIND INT:	AJG, RD	FLE	3228-SP01.dwg

GENERAL NOTES:

- DISTING CONDITIONS AND ELEVATIONS AND SHOWN TO ASSET THE CONTRACTOR OILY, NO CLAM IS MAKE TO THEIR WALDITY, THE CONTRACTOR AND SUB-CONTRACTORS SHALL WEIT THE SITE PRIOR TO SUBMITTING A UP AND PROPRIET FOR COSTING TO DEAL WITH ALL DISTING CONDITIONS NO ALLIGNANCE WILL BE MADE RESILTING FROM FAILURE TO CARRY OUT SUCH AN EXAMBATION.

SILE RESISTANCIAN THIS TIMEN FROM A SUPPLY OF PART OF LOF 1, CONCESSION 1, ECONOMINATOR THIS POP OF PROCESSION 1, NOR IN THE TOTAL OF OR PARTICULAR OF CONCESSION OF AMERICAN OF THE PARTICULAR OF THE PARTICULAR OF THE PARTICULAR OF THE PARTICULAR OF THE BARROL 23, 2005. AS PREPARED BY VERHACEOR, STUBBLEFFELD, HARTLEY, BREWER, BEZIMFE MC. CONTRIBUTO LAWS SUPPLY OF THE PARTICULAR OF THE PAR

TOP OF WATER WILVE BOX, NE COMMEN OF ALMA ST. AND FOX NO. REV. — 803. 70 FT.

HER GRADES ARE DENOTED GOT AND ENSURE GRADES ARE DENOTED TO

precast concrete manholes small be in accordance with OPSD — 701, of Standard complete with grafe and frame OPSD — 400, 62

PRECAST CATOGRASMS SHALL BE IN ACCORDANCE WITH OPSD - 702 OF STANDARD COMPLETE WITH GRANE AND FRANK OPSD - 400, OZ ALL CATOGRASMS SHALL HAVE A TRE TRAP ON OUTLET PRE SENER BEDONG DETAIL SHALL BE CLASS B GRANULAR FOUNDATION

SENER WENCH BACGELL BELOW MY PANED SUNFACE SHALL BE FULLY COMPACTED CRAME AN 'A' ALL STORM DRAIN PIPING SHALL BE PVC DR36 ASTN 3034

ALL SANITARY DRAW PIPING SHALL BE PIC DR35 ASSN 3034

CLEAN CUTS LOCATED IN PANED MEAS SHALL BE RITHED WITH 6" INSPICTION FRAME MID COMER OF 47-60 AS SHIPTLED BY UNDERBROUND SPECIAL RES. CLEAN CUTS LOCATED IN LIMIN MEAS SHALL BE A PLASTIC SCREW ON THYSE SET PLUSH TO THE GRADE SO AS NOT TO BE AFFECTED BY LAWN CUTTING EQUIPMENT.

ASPHALT PANEMENT SHALL CONSET OF THE FOLLOWING;
1 1/2" NLJ (OPSS 1150)
12" GENELAR "A" (OPSS 1610)

E. ENCAVABOR

CONTRACTOR TO REMOVE ALL ORGANIC MATERIAL FROM ALL AREAS PAVED AND FROM NITHIN BUILDING PLOCAS AND FOLIARIATIONS.

ALL EXCESS EXCAVATED MATERIAL TO BE REMOVED FROM STE.

CONTRACTOR SHALL BESIZE THAT ALL DICAMBIONS FOR THE INSTALLABOR OF UNDERGRADIO SERVICES ARE CONSTRUCTED AND SHORED AS RESEARCH TO CONFORM WITH THE MINISTRY OF UNBOUR SAFETY REQUIREMENTS AND SHALL PROVIDE ALL REQUIRED MAKERIALS TO MEET HESE REQUIREMENTS INCLIDING SHOWNER PROPERTION, BADDEL AND RESTORATION.

BACKFILL

BEFORE RISTALLATION OF THE CRANULAR 'A' BARE MATERIAL IN PAYONG MEAN THE EPOCHED ON THE PRESENCE OF THE CENTED-MEAN COMPANIANT OF WHEN'T HE COMPETIONS OF THE SHE SHAME MATERIAL. MIT SHE BASE MATERIALS FORM) TO BE MADERIALTE SHALL BE REMOVED AND REPLACED WITH GRANULAR OF THYE II (1975) 1010) FULLY COMPACIES.

ALL GRANULAR FILL SHOULD BE COMPACTED TO 1008 OF ITS STANDARD PROCTOR MANNAM DRY OBJESTY.

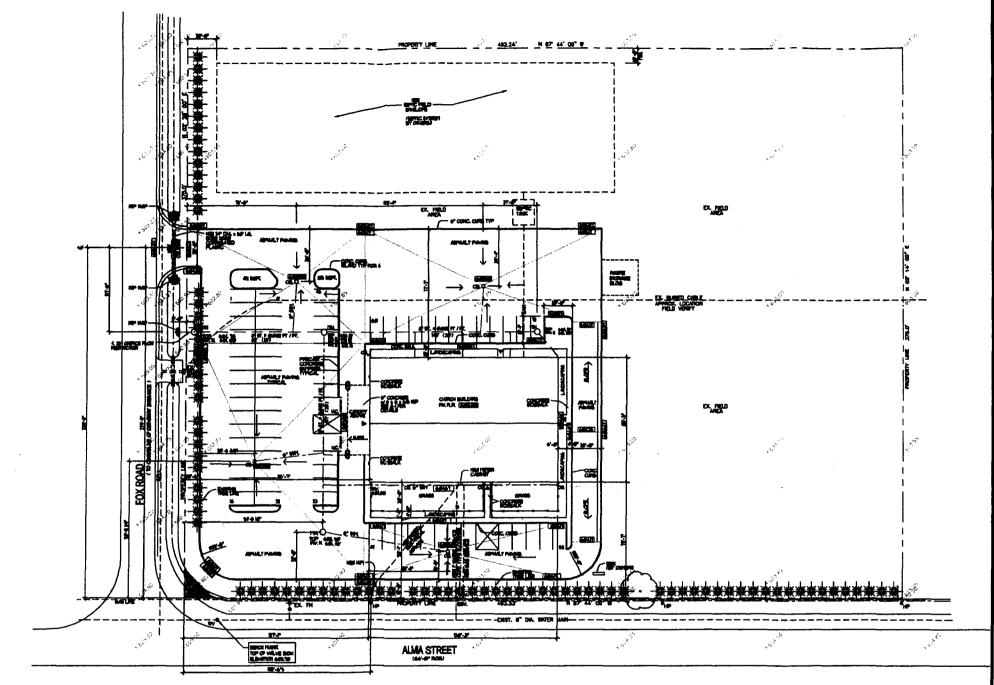
9. ELECTRICAL SERVICE INFORMATION

| BASC LOAD (1108.83 = 20) | 22,114.80 INTIS | LOGITHS LOAD | 15,346.00 INTIS | 24,025.73 INTIS | 27,000.00 INTIS | 107AL LOAD | \$3,470.10 INTIS LOAD/ SQ. N. (\$3,470.10/105.63) 84.52 MATTS

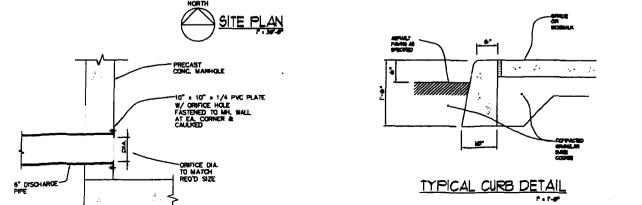
DEMAND LOAD A: 80% (97.82 = 900) = 60.858.08 BATTS B: 65% (84.92 = 205.83) = 17,306.75 BATTS TOTAL 78,254.75 BATTS

HEW HYDRO POLE BY ESIEX POWERLINES

J- 22KM 600/347V TRANSFORMER BANK BY ESSEX POWERLINES.
REW 4/5 AL SECONDARY CONNUCTOR BY ELECTRICAL CONTRACTOR.
NEW METER CASINET BY ELECTRICAL CONTRACTOR.



ORIFICE DETAIL



TIM FITCH LEASING

GOOD SHEPHERD LUTHERAN CHURCH

FEV. STORY SYSTEM AMENDED FOR SITE PLAN -

PEI

CONTROL APPLICATION JUNE 22, 2001

JUNE 22, 2000

POUTI ENGINEERING INC

232 Drouillard Road Windsor Ontario N8Y 2P3

tel. 255~9322 fax. 255-9319 email peinc@bellnet.ca



in charge		
designed a.E.	K.	
drawn by G. H.	K	
checked		
approved	date	JUNE ADD
sheet title		
	PLAN DETAILS	,
lob number	st	neet number

CI

*050*63

SCHEDULE "C" TO BY-LAW 2005-74

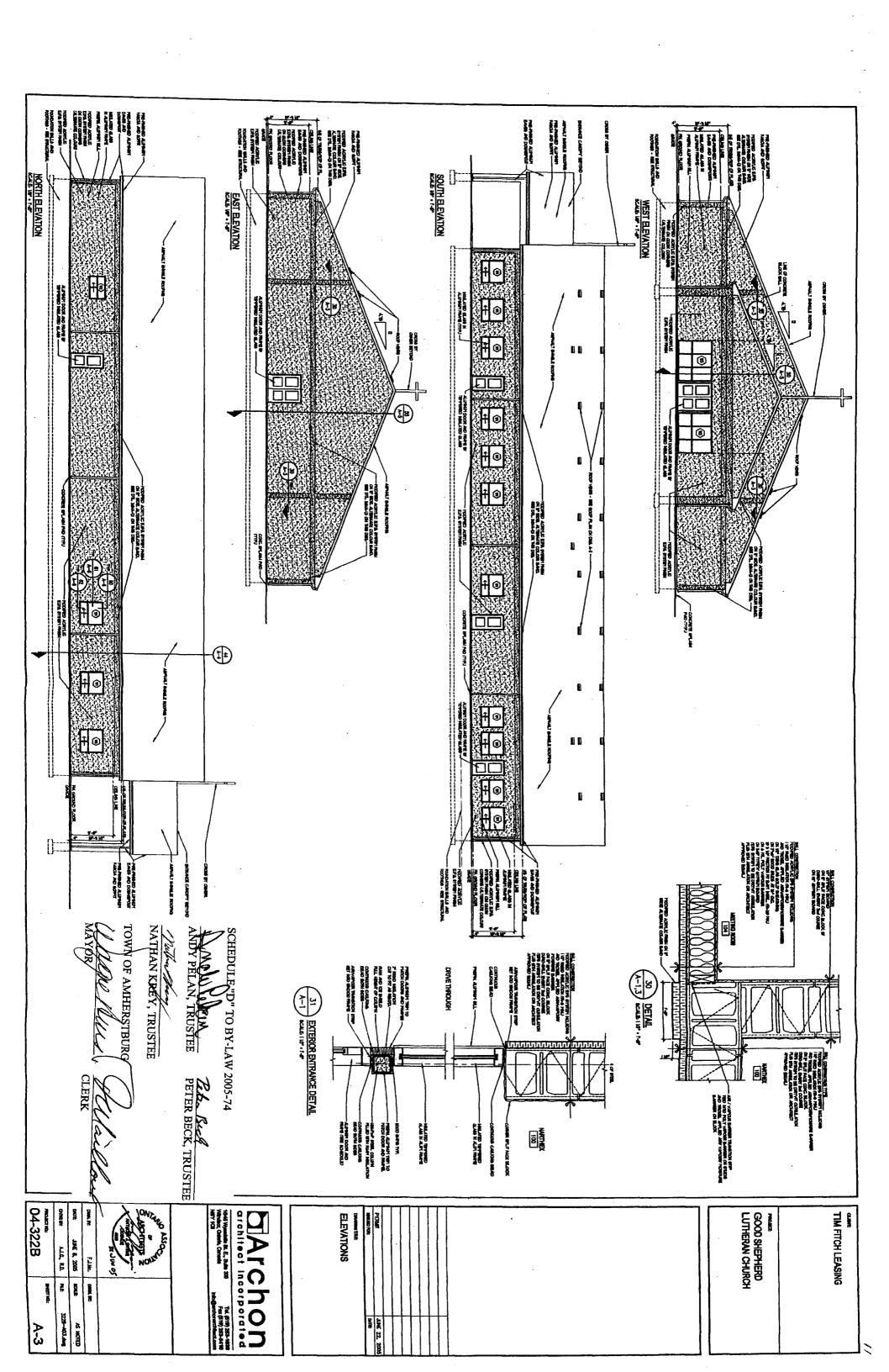
Harvielan ANDY PELAN, TRUSTEE

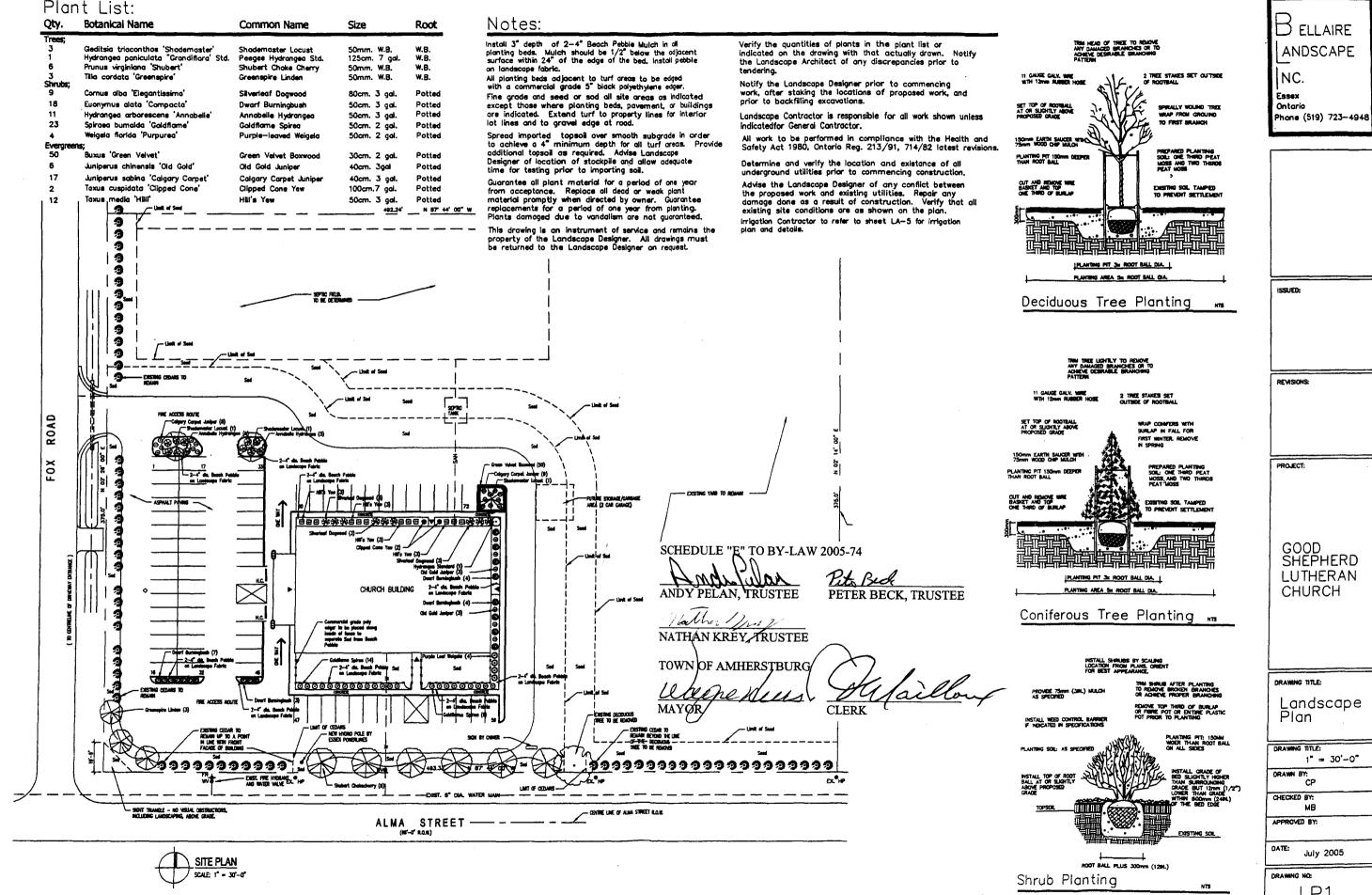
Keter Bed PETER BECK, TRUSTEE

Nathan KREY, TRUSTEE

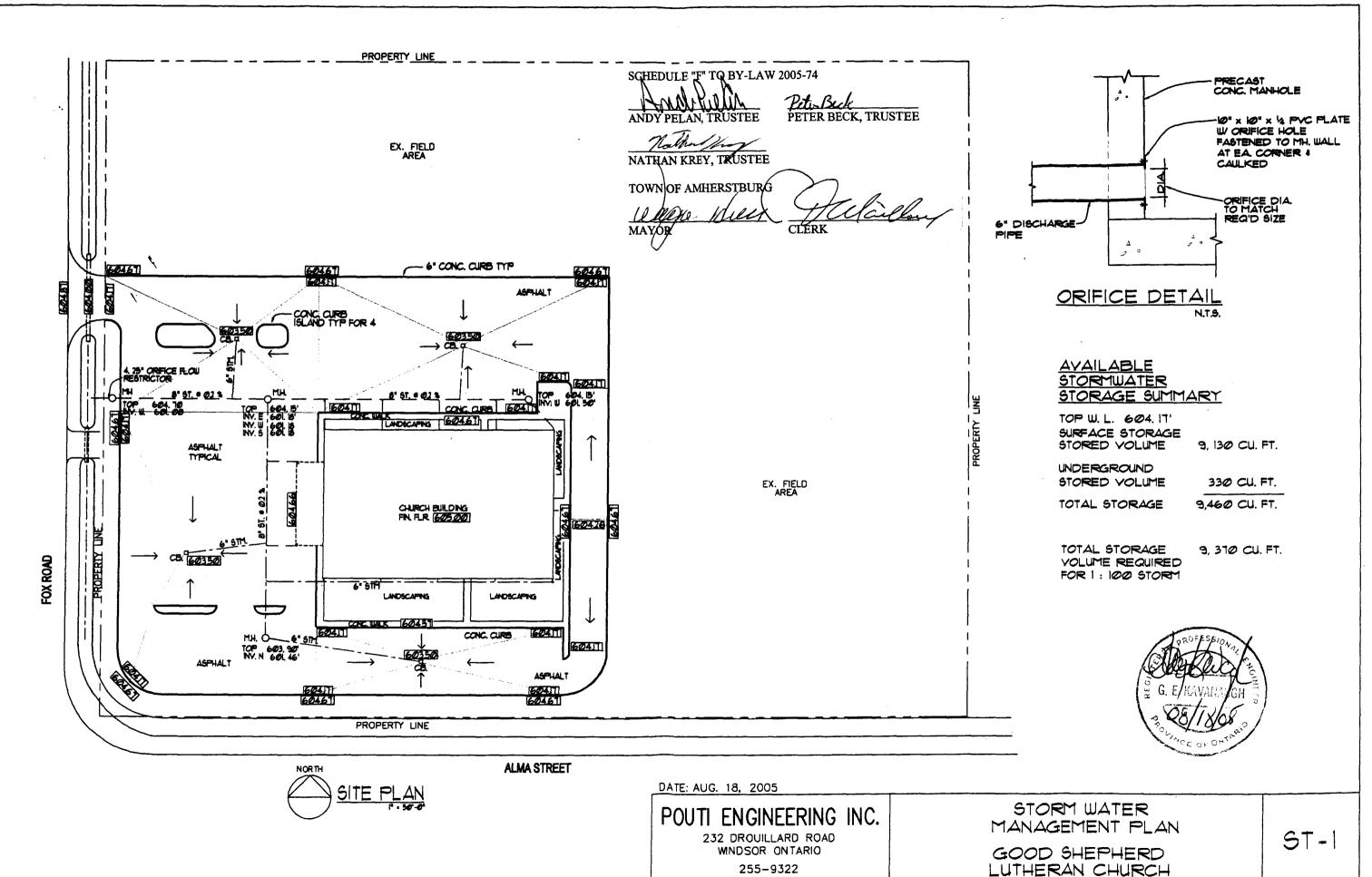
TOWN OF AMHERSTBURG

CLERK





LP1



POUTI ENGINEERING INC.

232 Drouillard Road (at Riverside) Windsor, Ontario N8Y 2P3 TEL. (519) 255-9322 FAX. (519) 255-9319 EMAIL peinc@bellnet.ca

PROJECT NAME	GOOD SHE	PERD CHU	RCH	DATE TIME	18-Aug-05 1:35 PM	
PROJECT NUMBER	5063			1 11112	1.551 14	
PREDEVELOPED SITE	_ AREA	C' VALUE		'C' VALUE		
TOTAL AREA (SQ. FT.) TOTAL AREA (ACRES)	72710 1.669		·			
ROOF AREA (SQ. FT.) GRAVEL AREA (SQ. FT.) PAVED AREA (SQ. FT.) GRASS AREA (SQ. FT.) TOTAL	0 0 0 85175 85175	0.95 0.55 0.9 0.2	0 0 0 17035 17035			_
FLOW RATE (Q=CIA)	0.801	CFS (ALLO	WABLE)	0.200	PREDEVELOPED (7
DEVELOPED SITE	_					QROFFS GIONAL
TOTAL AREA (SQ. FT.) TOTAL AREA (ACRES)	72710 1.669					G. E. KAVANAUAH
ROOF AREA (SQ. FT.) GRAVEL AREA (SQ. FT.) PAVED AREA (SQ. FT.) GRASS AREA (SQ. FT.) TOTAL (SQ. FT.)	11865 0 49580 11285 72710	0.95 0.55 0.9 0.2	11271.75 0 44622 2253 58146.75	0.800	DEVELOPED 'C'	308/18/00 0
FLOW RATE (Q=CIA)	1.33	5 TIMES I				
DURATION (MIN.) 1 IN 100 YEAR	INTENSITY IN./HR.	FLOW CFS	PK. VOL. CU. FT.	ALL. REL. RATE CFS	ALL. REL. VOL. CU. FT.	REQ'D STORAGE CU. FT.
5 10 15 20 25 30 35 40	9.84 6.89 5.91 5.11 4.52 4.00 3.75 3.50 3.20	13.135 9.197 7.889 6.821 6.034 5.339 5.006 4.672 4.272	3941 5518 7100 8185 9050 9611 10512 11213 11533	0.801 0.801 0.801 0.801 0.801 0.801 0.801 0.801	240 481 721 981 1202 1442 1683 1923 2163	3700 5038 6379 7224 7849 8169 8830 9290 9370
VOL. TO BE STORED	9370	Cu. Ft.				

PAGE 1

POUTI ENGINEERING INC.

232 Drouillard Road (at Riverside) Windsor, Ontario N8Y 2P3 TEL. (519) 255-9322 FAX. (519) 255-9319 EMAIL peinc@bellnet.ca

PROJECT NAME

GOOD SHEPERD CHURCH

DATE

19-Aug-05 7:15 AM

PROJECT NUMBER

5063

ORIFICE CALC. NEW DRAINAGE AREA ROOF FLOW RESTRICTED

ALLOWABLE RELEASE RATE TOTAL AREA (SQ. FT.) TOTAL AREA (ACRES)	DRAINAGE AREA 72710 1.87	ALL. C'VALUE 0.200	INTENSITY(1 IN 2 YR) 2.83
FLOW RATE (Q=CIA)	0.94	CFS	1 IN 2 YEAR
ORIFICE CALCS			FORMULA Q=CxAx(2gh)^.5
	Q=	0.80	ALL. FLOW RATE
	C=	0.600	CONSTANT (SHARP EDGE PLATE)
	G=	32.2	CONSTANT
	HEAD=	3.17	INV. 601.0' TO T.W.L. 604.2'
	REQ'D DIA. =	4.14	INCHES USE 4.25" ORIFICE

