APPENDIX C

SEISMIC SCREENING FORM

SEISMIC SCREENING INVENTORY FORM

89 Prideaux Parks and Rec Equipment Bays City of Nanaimo Building No. B104

Comments:

- Single Storey (14 FT)
- Load bearing masonry walls exterior
- Load bearing interior wood frame walls cw 1/2 ply sheathing and diagonal X- Bracing
 - (sheathing one side only)
- stiff soils (visible rock outcrops)
- wood joists and shiplap sheathing roof

SEISMIC SCREENING FORM								p. 1 of 2	ITEM No.: B 104	
Address: 89 Prideaux Postal Code: 1982							9R2M6	Bldg. Name: Equipment Bays		
No. of storeys: Total Floor Area: 144			n	m ² Year Built: 1970			Design NBC: 1965			
Primary use (see list on p. 2): Storage							Heritage	Designatio	n: N/k	
		GK Date:		A	oril	/17/	2012	Checked	by:	
Inspector.	See attached See attached See attached									
TWO OF OTO	HOTUDE :	circle appropriate descriptors) see	432 1	<i>S</i> вм	ketch	LDING IRR	EGULARITIE	S (circle appro	Photo priate descriptors) see 4.3.3	
Wood	WLF WPB	Wood Light Frame Wood, Post and Beam		90	1. Ver		Abrupt cha (e.g. setba	anges in plan ack or building	dimensions over height g on hill)	
Steel	SMF SBF SLF	Steel Moment Frame Steel Braced Frame Steel Light Frame Steel Frame with Concrete Sho	aar	90	Irre (To	rizontal gularity rsion)	eccentric s one side c	stiffness in pla of building)	es such as "L", "V", "E", "T", an (e.g. shear wall on only ed by partial storey height	
	SCW	Walls Steel Frame with Infill Masonry Shear Walls			Co	ncrete lumns	walls (stru	ctural or infill) or deep spandrels	
Concrete	CMF CSW CIW	Concrete Moment Frame Concrete Shear Walls Concrete Frame with Infill Mas	onry			ft Storey unding	discontinu Separation	ous shear wa n between bu	fness caused by alls, openings, etc.	
	PCF PCW	Shear Walls Precast Concrete Frame Precast Concrete Walls		85		ijor idifi- ions	Any chang	o. of storeys (ge in function significant inc	in mm) , use or addition which xease in loading or weight	
Masonry	RML	Reinforced Masonry Bearing V with Wood or Metal Deck Flo or Roofs Reinforced Masonry Bearing V	ors	90	7. De	terior- ion	building is	apparent (co	e damaged, poor condition of proded reinforcement or or concrete or masonry)	
	URM	with Concrete Diaphragms Unreinforced Masonry Bearing Wall Building			8. (N	- Andrews	<u> </u>	ne irregulariti	es listed above is present.	
	RUCTU	RAL HAZARDS (Circle appro	opriate	e de	scripto	rs) see 4	.3.4			

F₁ Falling Hazards to Life:

Exterior: Masonry chimneys, parapets, veneer or stone / precast panels, non-safety glass, or canopies over exits and walkways Interior: Heavy components; masonry partitions; non-safety glass in egress areas; storage shelves which may collapse onto areas of human occupancy

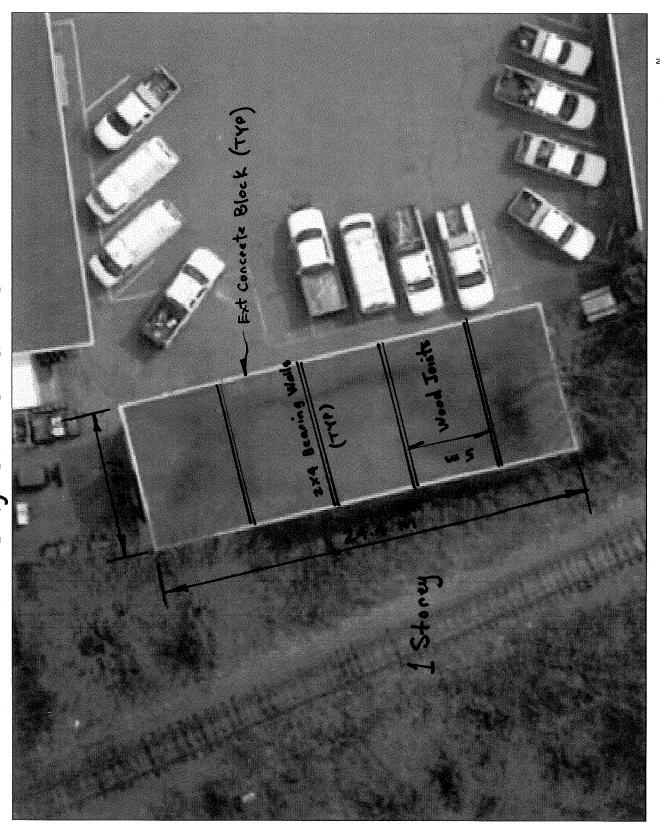
F₂ Hazards to Continuous Operation of Special Buildings: Equipment or lifetines required for continuous operation of special facilities. The owner or authority should provide a list of critical items needed for continuing operations.

	SEISMIC S											p. 2 o				B104
SEISMIC PRIORITY INDEX: Circle appropriate value and enter each result on right side. Use asterisk (*) with uncertain value									n values							
		Design		Effective Seismic Zone (Z _V , or Z _V + 1 if Z _a > Z _V)												
	A Seismicity	NBC	2		<u> </u>	3			4			5		6		A= 1.3
Α		Pre - 65	1.0		ļ	1.5		2.0		ļ		.0		4. 2.		7-1-7
		65 - 84 Post - 85	1,0 1.0			1.0 (1.3) 1.0 1.0			1.5 1.0			1.0				
					<u> </u>			Soil C	ategory	'						
	Soil	Design NBC	Rock or		Stiff	Soil	Π	Soft So			Very S				nown	B = /.0
В	Conditions		Stiff Soil		> 50		ļ	> 15 m	}		Liquefial				oil	- 1.0
		Pre - 65 Post - 65	1.0 1.3 1.0 1.0				1.5 1.0			2.0 1.5			1.5 1.5			
		24.			(Constru	ction	Type an	d Syml	ool (s	see p. 1)					
		Design NBC	Wood		Steel		Co	ncrete	Pre	cast	Mas In	onry fill	٨	lasoi	nry	
С	Type of Structure		WLF WPB	SLF SI	MF SE	F SCW	СМР	csw	PCF	PCW	v siw,	CIW	RML,	RMC	URM	C=2.5
		Pre - 70	1.2 2.0 1.2 2.0	1.0 1	.2 1. .2 1.	5 2.0 5 1.5	2.5	2.0	2.5	2.0	3.		(2.5		3.5 3.5	
	(BM = Benchmark year, see p.1)	70 - BM Post - BM	1.2 2.0 1.0 1.0	1.0 1 1.0 1	.2 1. .0 1.	0 1.0	1.5 1.0		1.8 1.0	1.5 1.0	2. 1 1.		1.0		3.5	
		Design	d Markingt	2. Ho		3. Sho Concre		4 .Soft		5.		odifi-	7, Del	:e-	8. None	D = product
D	Building	NBC	1. Vertical	2. 110		Colum		Storey	Pou	ndin	g cat	cation ric		on	1	of circled Numbers
	Irregularities	Pre - 70	1.3	1.5	- 1	1.5		2.0	- 1	.3	1.		1,3 1.3		1.0	(Max of 4.0) =
		Post - 70	1.3	1.5		1.5	<u></u>	1.5		.3	1.					1
	D. O. O. O. O.	Design	Low Occu		* I Occupancy i		High Occupancy V 0 N = 301 - 3000		Post Disaster, or Very High Occup. N > 3000 R		Oper	ecial ationaļ				
	Building Importance	NBC	N < 1	15 - 10 00		ÓO					H H	Requirements 3.0		E= 1.4		
		Pre - 70 Post - 70	0.7			1.0 1.0		1. 1.				.0 .5			.0	
E	N = Occupied A		1	ty x Du	ıratior		* = .			,	01	٠١	=	- /	•4	
	Primary Use:	•		ccupan		isity	Α	verage W	leekly H		;					ual to the
	Assembly				1			5	- 50 - 80							rs of human by 100, not
	Mercantile, Pe Offices, Institu	rsonai service tional, Manufa	acturing	0	.2 .1 .05			50	- 60 100				greate			,, 100, 1101
	Residential Storage			<u> 0.01</u>	- 0.02	<u> </u>		_ <	00					-		
S	STRUCT	URALIN	DEX =	A · B	· c	. D .	end ent tende ent jeder						->	!	31 = <i>4</i>	4.5
	NON - STRUC	TURAL HA	ZARDS	De	script	ion (se	e p. 1				Non		Yes		Yes *	F = max (F ₁ , F ₂)
F	F ₁ Falling Haz	ards to Life							- 70 N st - 70		(1.0		3.0 2.0		6.0 3.0	= 1
'		Vital Operati	ons				***********		Year		(1.0	Service Company	3.0		6.0	- 1
	* applies only if o	ne or more of	the following) descri	ptors	on page	1 are	circled: 9	MF, CN	IF, so	ft storey	torsion	********			
N	SI NON - S'	TRUCTU	RALIND	EX :	. B	·E•	F =						->		NSI =	1.4
SI	SPI SEISMIC PRIORITY INDEX = SI + NSI = SPI = 5-9															
C	Comments: Low Priority															
		-	"manari "Sil	100	- 4	vor 71		1								

SEIS	MIC SCREENING INVENTORY FOR	RM Attac	h asterisks	(*) to unce	rtain values	Page No.:
Item No.	Address and/or Name of Building	SI Structural Index	NSI Non- Structural Index	SPI Seismic Priority Index	Priority for Evaluation	Comments
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					anada Ottawa	

From: Manual for Screening of Existing Buildings for Seismic Investigation, IRC / NRC, Canada, Ottawa, September 1992

City of Nanaimo





SCALE 1: 219

20
40
FEET

SOUTHWEST VIEW



NORTHEAST VIEW



EAST VIEW

APPENDIX "G"

BUILDING COST ANALYSIS CITY OF NANAIMO **PARKS MAINTENANCE EQUIPMENT BAYS 89 PRIDEAUX STREET**



APPRAISAL BUILDING #:

B104

EFFECTIVE DATE:

FEBRUARY 8, 2008

GROSS FLOOR AREA: 2,000 FT ² CLASS: C	YEAR(S) BUILT:	CIRCA 1970
BELOW GRADE ASSETS	CRN	CRNLD
EXCAVATION, BACKFILL AND SITE PREPARATION:	3,200	1,500
FOUNDATIONS:	8,300	4,100
ARCHITECTURAL OR ENGINEERING FEES:	800	400
TOTAL BELOW GRADE ASSETS:	12,300	6,000
ABOVE GRADE ASSETS		
BUILDING FRAMING:	3,500	1,700
FLOOR STRUCTURE:	10,700	5,200
INTERIOR CONSTRUCTION, MEZZANINES, STAIRS:	29,400	14,300
FLOOR AND CEILING FINISHES:		
PLUMBING SYSTEM, FIXTURES, AND SEWERAGE:		
HEATING, VENTILATION AND AIR CONDITIONING:	1,000	500
ELECTRICAL AND LIGHTING:	4,000	1,900
EXTERIOR WALL CONSTRUCTION, BALCONIES:	48,600	23,700
ROOF STRUCTURE, ROOF COVERING, AND CANOPIES:	8,500	4,100
FIRE PROTECTION:		-
ELEVATORS:	-	-
ADDITIONAL CONSTRUCTION:	-	*, -
ARCHITECTURAL OR ENGINEERING FEES:	7,800	3,800
TOTAL ABOVE GRADE ASSETS:	113,500	55,200
TOTAL BELOW AND ABOVE GRADE ASSETS:	125,800	61,200

BUILDING CODES & BYLAWS			
PARKING SPACES	MEETS CODE		
SPECIAL NEEDS ACCESS	MEETS CODE		
FIRE PROTECTION	MEETS CODE	-	-
TOTAL BUILDING CODES & BYLAWS:	4 5	_	-

TOTAL YARD IMPROVEMENTS:	4,900	4,900

TOTAL CRN COST:	130,700	66,100

FOUNDATIONS: FRAMING: FLOOR STRUCTURE: **INTERIOR CONSTRUCTION:** REINFORCED CONCRETE FOUNDATIONS LOAD BEARING MASONRY WALLS & PART STEEL COLUMNS

REINFORCED CONCRETE SLAB ON GRADE

PLUMBING SYSTEM: H.V.A.C.:

PLYWOOD ON WOOD FRAME PARTITIONS, EXPOSED ROOF STRUCTURE NIL

ELECTRICAL AND LIGHTING:

ADDITIONAL CONSTRUCTION:

PARTIAL ELECTRIC HEAT

EXTERIOR WALLS:

PAINT CONCRETE BLOCK WOOD JOIST & WOOD DECK WITH BUILT-UP ROOFING

ROOF: FIRE PROTECTION:

NIL

ELEVATORS:

NIL NIL

"G"-119