

110	.0m 115	5.0m 120	0.0m 125.0	m 130.0	Om 135.	0m 140	0.0m 145.0m
					GROUND LEVEL AT TOP OF WALL		
438 375 3 750 375 3 750 750 7 750 7	375 375 375 375 375 750 750 750 750 750 750 750 375 375 375 375 375 750 750 750 750 750 750 750 750 750 750 750 750 750 750 750 750 750 750	438 <td>TOW = 103.45 750 490 1484-4 438 438 438 438 543 750 375 375 438 543</td> <td>375 375 375 375 375 0 750 750 750 750 750 750 750 750 750 750 750 0 750 750 750 750 750 0 750 750 750 750 750</td> <td>\$0 750 750 750 375 33 750 750 750 750 750 750</td> <td>75 375 750 750H 50 750</td> <td></td>	TOW = 103.45 750 490 1484-4 438 438 438 438 543 750 375 375 438 543	375 375 375 375 375 0 750 750 750 750 750 750 750 750 750 750 750 0 750 750 750 750 750 0 750 750 750 750 750	\$0 750 750 750 375 33 750 750 750 750 750 750	75 375 750 750H 50 750	
			BOW = 102.05		GROUND LEVEL AT BOTTOM OF WALL	BOW = 102.05	

1.	PATERSON GROUP SHALL SAFETY OF WORKERS OR	L NOT BE RESPONSIBLE FOR R OF THE PUBLIC.	LITY CLEARANCES AND CONS MEANS OR METHODS OF CC	
2.	THIS DESIGN IS BASED ON PROPERTY	N THE FOLLOWING SOIL PRO	PERTIES: FOUNDATION ME	DIUM
	FRICTION ANGLE - ϕ		32°	
	UNIT WEIGHT - ɣ	22 kN/m3	18 kN/m3	
	COHESION - C		8 kPa	
	TERIAL PROPERTIES ARE		TION BY PATERSON GROUP	P AND DISCUSSIONS WI
BRI	DGE DESIGN CODE WITH	I A PEAK GROUND ACCELE ON THE CAD GRADING PL/	AN PROVIDED BY HUNTING	TON PROPERTIES, FILE
	BEARING RESISTANCE A	AT SLS OF 120 kPa. THE SI ONS AND ADJUST THE THIC	18, 2023. THE WALL BASE TE GEOTECHNICAL ENGINE CKNESS OF THE GRANULAF E CONDITIONS, IF NECESS	ER SHOULD OBSERVE R BASE OR RECOMMENT
4.	CONDITIONS AND 1.1 UN ABOVE AND BELOW THE ACTUAL SITE GRADES V	NDER SEISMIC CONDITION E WALL SHOULD CONFORM /ARY SIGNIFICANTLY FROI	ITY FACTOR GREATER THA S. WALL GEOMETRY AND G M WITH THE GRADING PLAN M THOSE SHOWN OR IF TH JNTIL THE DESIGN IS VERIF	GRADE ELEVATIONS N PROVIDED HERE IN IF E BACK SLOPE DOES NO
5.	PRECAST UNITS SHALL PERMACON.	BE GRANDE RETAINING W	ALL UNITS MANUFACTURE	D UNDER LICENSE FROI
6.	BEDDING LAYER SHOUL MINIMUM OF 200mm BEY COMPLETE CONTACT OF WITH FINER AGGREGATE	D EXTEND AT LEAST 200m YOND THE REAR BLOCK FA RETAINING WALL UNIT WITH TO AID LEVELING. ENSURE (S INTO BASE. THE THICKNES	0mm OF OPSS GRANULAR B IM BEYOND THE FRONT BL ACE. THE BASE SHALL BE SM BASE. SURFACE OF GRANU GRADATION OF DRESSING M/ SS OF DRESSING LAYER SHO	OCK FACE AND A OOTHED TO ENSURE LAR BASE MAY BE DRESS ATERIAL IS SUCH AS TO
7.			EDMENT WITH A GRANULAF E, AND A MINIMUM 200mm E	
8.	FOR WALL CONSTRUCT THE GEOTECHNICAL RE	ION IN EACH AREA TO COI PORT WITHIN THE FOOTP SUFFICIENT, THE USE OF (OTECHNICAL ENGINEER D NFIRM THE SUBSURFACE P RINT OF THE PROPOSED W CONCRETE BEDDING MAY F	ROFILE INDICATED BY
9.	AND SHOULD CONSIST MATERIAL. ALL FILL WIT COMPACTED. BACKFILL	OF OPSS GRANULAR B TY HIN A 1H:1V ZONE UP AND SHALL BE PLACED IN MAX MDD. MOISTURE CONTEN	E SITE GEOTECHNICAL ENG PE II B FOLLOWED BY SUIT BACK FROM THE HEEL SH (IMUM 300mm LOOSE LIFTS T SHOULD BE CONTROLLEI	ABLE BACKFILL OULD ALSO BE AND COMPACTED TO A
10.			ACE WATER AWAY FROM T E POSITIVE DRAINAGE AND	
11.		PE SHOULD BE PROTECTE S BY PLACEMENT OF TARP	D TEMPORARILY DURING C S.	CONSTRUCTION FROM
12.	INSTALLATION, ETC.) MU	JST BE COMPLETED BY PA	ARING SURFACE, COMPAC ITERSON GROUP. ONCE TH RING CONSTRUCTION, A C	IE WALL CONSTRUCTIO
13.	ANY CUTTING OF BLOCI OF THE CONTRACTOR.	KS TO SUIT SITE CONDITIC	ONS OR WALL DESIGN WILL	BE THE RESPONSIBILIT
14.	RETAINING WALL . PROV	VIDE CLEAR STONE SURR	/RAPPED WITH GEOTEXTIL DUND TO PROTECT PIPE FI NAGE DITCH OR GROUND \$	ROM CLOGGING AND
15.	15M REINFORCEMENT BA	AR INSTALLED BY CORING OULD BE GROUTED IN PLAC	THE RETAINING WALL SHC THROUGH THE COPPING BL CE WITH A MINIMUM 30MPA	OCK AND A MINIMUM OF
			SUPPLIER FOR ALL COURSE	
18.	THE CONTRACTOR SHOL		LATION MANUAL PROVIDED DNAL DETAILS ON ACCEPTA	• • • • • • • • • • • • • • • • • • • •
19.	WATER OF ADJACENT SI BE PROTECTED AND/OR	TE FROM DRAINING TO TH	THE STORM STORAGE SYS E RETAINING WALL. IMPERN DN IS COMPLETED NEAR TH SYSTEM.	MEABLE MEMBRANE MUS
20.	RELOCATED AS THE STO THE WALL. ANY FUTURE	DNE WEIGHT BEHIND THE W E MAINTENANCE WORK TO FIELD REVIEW BY A GEOTEG	IF THE STORAGE SYSTEM IS IALL CONTRIBUTES TO THE THE STORM STORAGE SYST CHNICAL CONSULTANT TO E	GLOBAL STABILITY OF TEM SHOULD BE
D	RAINAG	SE DETA	ILS:	
	.S.			
	- RETAINING WALL S	TANDARD UNITS		ING WALL STANDARD UNITS PER SITE IC DRAWING
_	-MIN. Ø100 TO OUTLE	Omm PERFORATED DRAIN c/w FILTER SOCK THROUGH FACE OF RETAINING OF WALL		RAINING SAND AND GRAVEL MATERIAL TE SPECIFIC DRAWING
-				FABRIC AROUND DRAIN OUTLET TO PREVENT TION OF GRANULAR MATERIAL THROUGH
-	<u> </u>		TO OUT	100mm PERFORATED DRAIN c/w FILTER SOCK FLET THROUGH NOTCH IN FACE OF ING WALL
		NG WALL UNITS TO BE ED AROUND DRAIN OUTLET		ILAR BASE PER SITE SPECIFIC DRAWING
		OPTION	STRUC	ITY AS SPECIFIED ON SITE SPECIFIC DRAWING
	MIN. Ø100	WALL STANDARD UNITS	SPECIF FREE-D	IING WALL STANDARD UNITS PER SITE IC DRAWING)RAINING SAND AND GRAVEL MATERIAL
-		ET THROUGH FACE OF RETAINING OF WALL	FILTER	TE SPECIFIC DRAWING
-			GAP MIN. Ø	TION OF GRANULAR MATERIAL THROUGH 100mm PERFORATED DRAIN c/w FILTER SOCK
-		AP IN RETAINING WALL UNITS	RETAIN	ILET THROUGH GAP IN FACE OF ING WALL
		W DRAIN OUTLET	ORIGIN	ILAR BASE PER SITE SPECIFIC DRAWING IAL COMPETENT SOIL OR COMPACTED TURAL FILL TO HAVE MINIMUM BEARING ITY AS SPECIFIC ON SITE SPECIFIC DRAWING
		<u>OPTION</u>	<u>н 2</u> сарас	ITY AS SPECIFIED ON SITE SPECIFIC DRAWING
):		Scale: AS SH	File No.:	00200
	PROFESSIONAL	Drawn by:	Drawing No.:	PG3798
EVSE	PROFESSIONAL 12/09/2023	NFRV Checked by:		
i i	F. I. ABOU-SEIDO 100156744	JV		C2700 (
2	The se	Approved by: FA		G3798-2
N	WINCE OF ONTARIO	Date:	Revision No.:	
		03/2023	3 I REVISION NO.:	4