

REFER TO ARCHITECTURAL DRAWINGS FOR  
EXPOSED CONCRETE FINISHES, REVEALS,  
SEALING & DAMPROOFING REQUIREMENTS

350/300 CONC FND WALL  
1-15M T & B EF CONT  
15M @ 400 H EF  
15M @ 400 V O.F.  
15M @ 200 V I.F.  
15M DWLS @ 400 O.F.  
15M DWLS @ 200 I.F.

- COMPACTED GRANULAR FILL.

SLOPE 0.F. 50mm FROM  
T.O. WALL TO FOOTING

WALL CONCRETE COMPRESSIVE  
STRENGTH TO BE 35 MPa  
WITH 5-8 % AIR ENTRAINMENT  
(CLASS C1 EXPOSURE)

DRAINAGE & WEEP HOLES  
AS PER GEOTECHNICAL  
ENGINEER'S REQUIREMENTS.

WALL FTN'G 1800 x 400 DP  
15M x 1700 @ 200 TUL (H.E.E.)  
5-15M CONT. TLL & BUL  
15M x 1700 @ 400 BLL (H.E.E.)  
CONCRETE STRENGTH 25 MPa

SOUND BEARING SURFACE & GRANULAR  
BASE IS TO BE INSPECTED & APPROVED  
BY GEOTECHNICAL ENGINEER PRIOR TO  
PLACEMENT OF CONCRETE.

TYPICAL SECTION @ RETAINING WALL – CONDITION B (MID GRADE DIFFERENCE)

**LILY XU, MCIP, RPP**

**(A) MANAGER, DEVELOPMENT REVIEW - SOUTH  
PLANNING, INFRASTRUCTURE & ECONOMIC  
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA**

**APPROVED**

*By Lily Xu at 11:12 am, Jan 29, 2020*

03/27/2019  
B.J.ARMSTRONG  
100068864  
PROVINCE OF ONTARIO



**CUNLIFFE & ASSOCIATES**  
CONSULTING STRUCTURAL ENGINEERS  
102-1737 WOODWARD DR. OTTAWA ON. K2C 0P9

TEL 729-7242  
FAX 728-1461

No.	DESCRIPTION	M / D / Y
1	ISSUED FOR SITE PLAN APPROVAL	01/29/2018
2	RE-ISSUED FOR SITE PLAN APPROVAL	03/27/2019

TITLE:        RETAINING WALL – CONDITION B	DATE:         MAR 27, 2019
PROJECT:    2510 WALKLEY ROAD	PROJ No.:    18–006
ARCHITECT: CHRISTOPHER SIMMONDS ARCHITECT INC.	DWG. No.:    SK2