



- GENERAL NOTES:**
- FOR CONCRETE FINISHES SEE SPECIFICATIONS
  - SEE DETAILS (0315-803), (0330-004) & (0330-812)  
TYPICAL FOR ALL WALLS BELOW GRADE AND ALL LIQUID RETAINING WALLS.
  - 1000mm WIDE MIN TYPE 2 CRUSHED ROCK COMPACTED TO 98% SPMD IN MAXIMUM LIFTS OF 300mm AGAINST WALL.
  - BACKFILL THE AREA WITH SELECT ONSITE FILL COMPACTED TO 98% SPMD IN MAXIMUM LIFTS OF 300mm.
  - 300mm THICK GEOFOAM TYPE EPS 15 OR EQUAL ON TOP OF SLAB WITH MAXIMUM 300mm EARTH COVER ON TOP OF GEOFOAM, TYPICAL OVER ENTIRE ROOF SLAB UNLESS NOTED OTHERWISE. PROVIDE 60 MIL PVC SHEET ON TOP OF GEOFOAM OVER ENTIRE FOOTPRINT, TAPE ALL SEAMS. EXTEND UP AND DOWN FROM WALL/SLAB/CURB INTERSECTIONS 1300mm ALL AROUND.
  - PROVIDE WEEPING TILE SYSTEM ALL AROUND. SEE DWG CGAD-S001 FOR LAYOUT AND DETAILS.
  - WHERE THE EXCAVATION LINE IS LOCATED BELOW THE UNDERSIDE OF THE VOID FORM, FILL THE AREA WITH CLASS 4 BACKFILL COMPACTED TO 98% SPMD.

**B SECTION**  
1:50

SGAD-S001, SGAD-S002,  
SGAD-S003, SGAD-S006,  
SGAD-S007, SGAD-S008,  
SGAD-S011, SGAD-S012, SGAD-S013



				ENGINEER'S SEAL PROVINCE OF MANITOBA S.L.E. LUI Member 3/003 REGISTERED PROFESSIONAL ENGINEER	
DESIGNED BY: A. THAKKAR		CHECKED BY: E. LUI		SCALE: 1:50 DATE: 2016/01/29	
DRAWN BY: G. OMORI		APPROVED BY: H.T. FREIHAMMER			
02 ISSUED FOR ADD. 5 - B.O. 899-2015 01 ISSUED FOR ADD. 2 - B.O. 899-2015 00 ISSUED FOR TENDER - B.O. 899-2015		03/2016 02/2016 01/2016		G.O. J.C. G.O. J.C. G.O. J.C.	
NO. REVISIONS		DATE		DESIGN CHECK	

THE CITY OF WINNIPEG  
 WATER AND WASTE DEPARTMENT  
 SOUTH END WATER POLLUTION CONTROL CENTRE  
 SEWPPC UPGRADING/EXPANSION PROJECT  
 STRUCTURAL  
 SECONDARY CLARIFIERS 4 AND 5  
 SECTION B  
 CITY DRAWING NUMBER: 1-0102-SGAD-S020  
 SHEET: 001  
 REV: 02  
 SIZE: A1