

1  
BL2

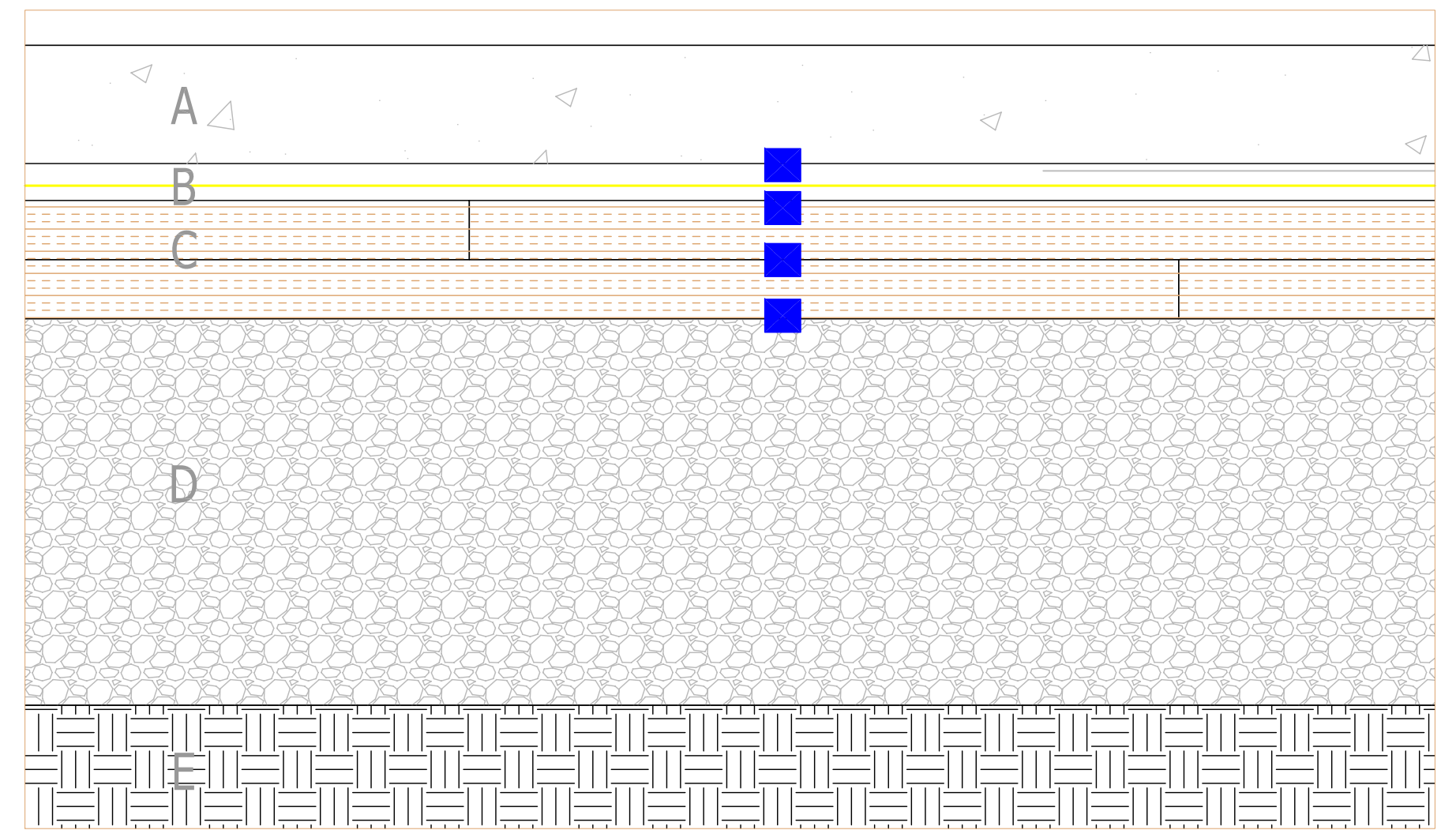
Top Plan

Survey Monitor (Typ.)

Electronic and Mechanical  
Water Level Sensors

Notes:

- 1) Concrete lids and chanel between labs to be reinforced with welded wire mesh and 15M rebar
- 2) Form lab openings with dimensional lumber and pour lids as seperate pour. Place 1/4" oiled foam board around opening perimeter before pouring lids to allow independent settlement of lids.
- 3) All insulation slabs seams to be offset.
- 4) Cut seam into vapour barrier 6" inboard of each lab opening and seal with tape
- 5) Ensure insulation panel seams do not intersect with removable insulation samples
- 6) Survey Monitor - place wide headed nail during pour or drive in after set.



2  
BL2

Front Cross  
Section

**Assembly**

Layer	Description
A	4" Concrete Lid
B	15mil Vapour/Soil gas Barrier
C	Sub-Slab Insulation
D	6" - 12" Granular Fill
E	Undisturbed Native Soil

EMS

Embedded Moisture Sensor

Moisture Content and Temperature

Project Title		<b>The Enclosure</b>	
		Pemberton Heights, North Vancouver - British Columbia	
Drawing		<b>Building Lab - Sub Slab Instrumentation</b>	
Scale:	Not to scale	Dwg. #:	<b>BL02</b>
Date:	June 2, 2017		
Drawn By:	SW		