

REDMOND
GEOTECHNICAL SERVICES, LLC

Memorandum

To:	Mr. Mark Grenz	From:	Daniel M. Redmond, P.E., G.E.
Company:	Multi/Tech Engineering Services	Date:	March 4, 2024
Address:	1155 13 th Street SE Salem, Oregon 97302		
Cc:			
RGS Project:	Libert Road Apartments West		
Re:	Stormwater Detention Pond		
<input type="checkbox"/> Urgent	<input type="checkbox"/> For Review	<input type="checkbox"/> Please Comment	<input type="checkbox"/> Please Reply

We understand that present plans are to construct a new stormwater detention pond at the Liberty Road Apartments West project site. Specifically, the proposed new stormwater detention pond will be located at the top of an existing structural fill slope which is sited to the west of Big Mountain Avenue and SW of the intersection with Rise Street. Reportedly, the stormwater detention pond will be approximately six (6) feet in depth and will be constructed with structural poured in-place concrete walls and bottom and will be sealed with a poly liner. Additionally, we understand that the stormwater detention pond will not be used to infiltrate but only treat and release through a stormwater outfall constructed along and/or descending down the existing 2H to 1V structural fill slope. Further, we understand that the structural walls will be designed to support the pressures of the stormwater against the inside of the detention pond and do not require any outside passive earth pressure resistance.

In this regard, we take no exceptions to the proposed construction of the stormwater detention pond as we understand it.

