

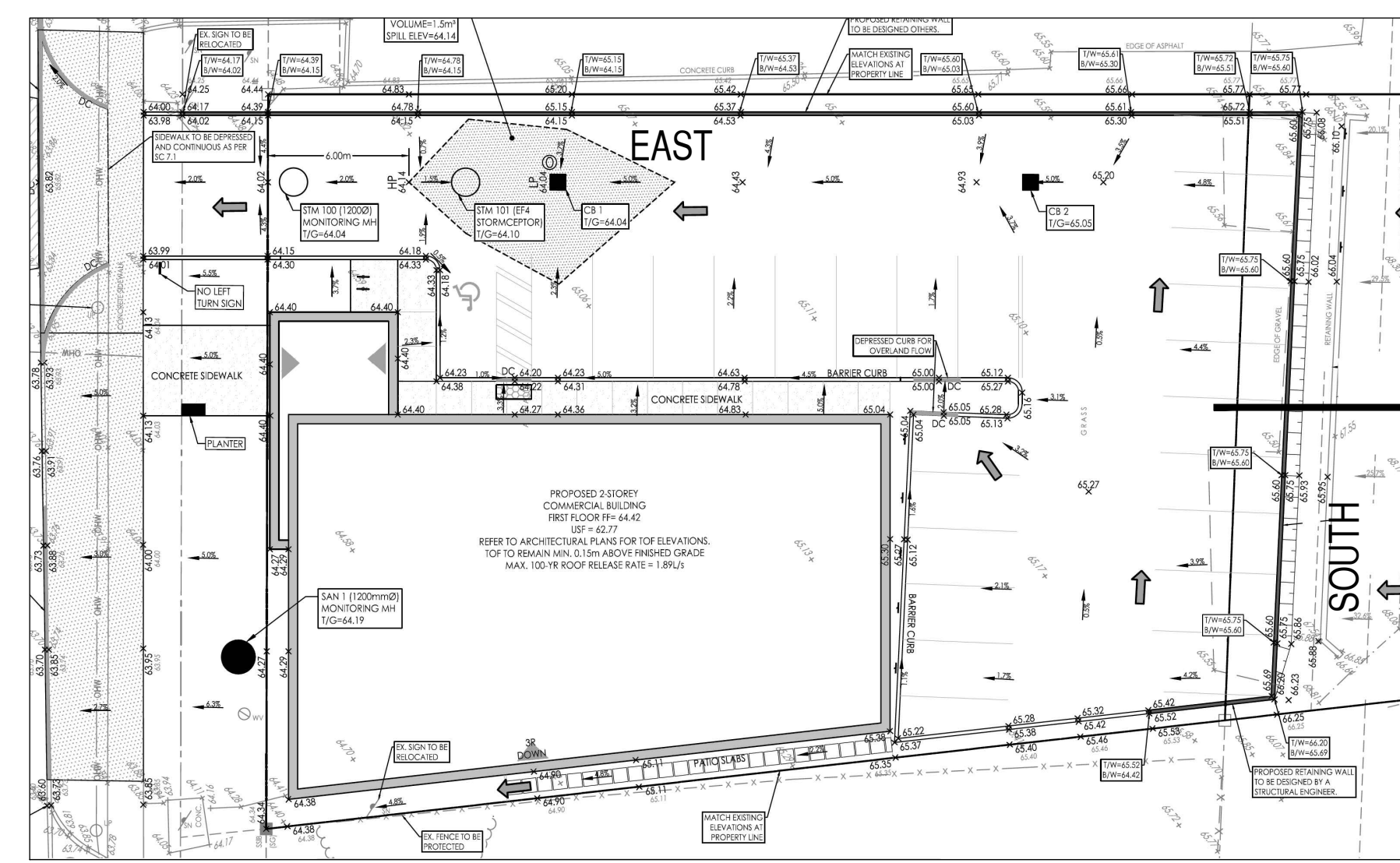
IMPORTANT NOTES

- (1) The existing retaining wall footing is too shallow, and not meeting the frost depth requirements. It is important to obtain rigid insulation details from the soil engineer; otherwise, these retaining walls could fail. The rigid insulation details shown in this drawing are only for discussions. (do not use this insulation detail. Follow the soil engineer's detailed instructions)
- (2) Minimum soil bearing capacity = 150 kPa (ULS) at the elevation as shown, must be confirmed by the soil engineer before proceed

respect this line (1:1.5 slope) anything beyond the right hand side of this line will undermine the existing footing

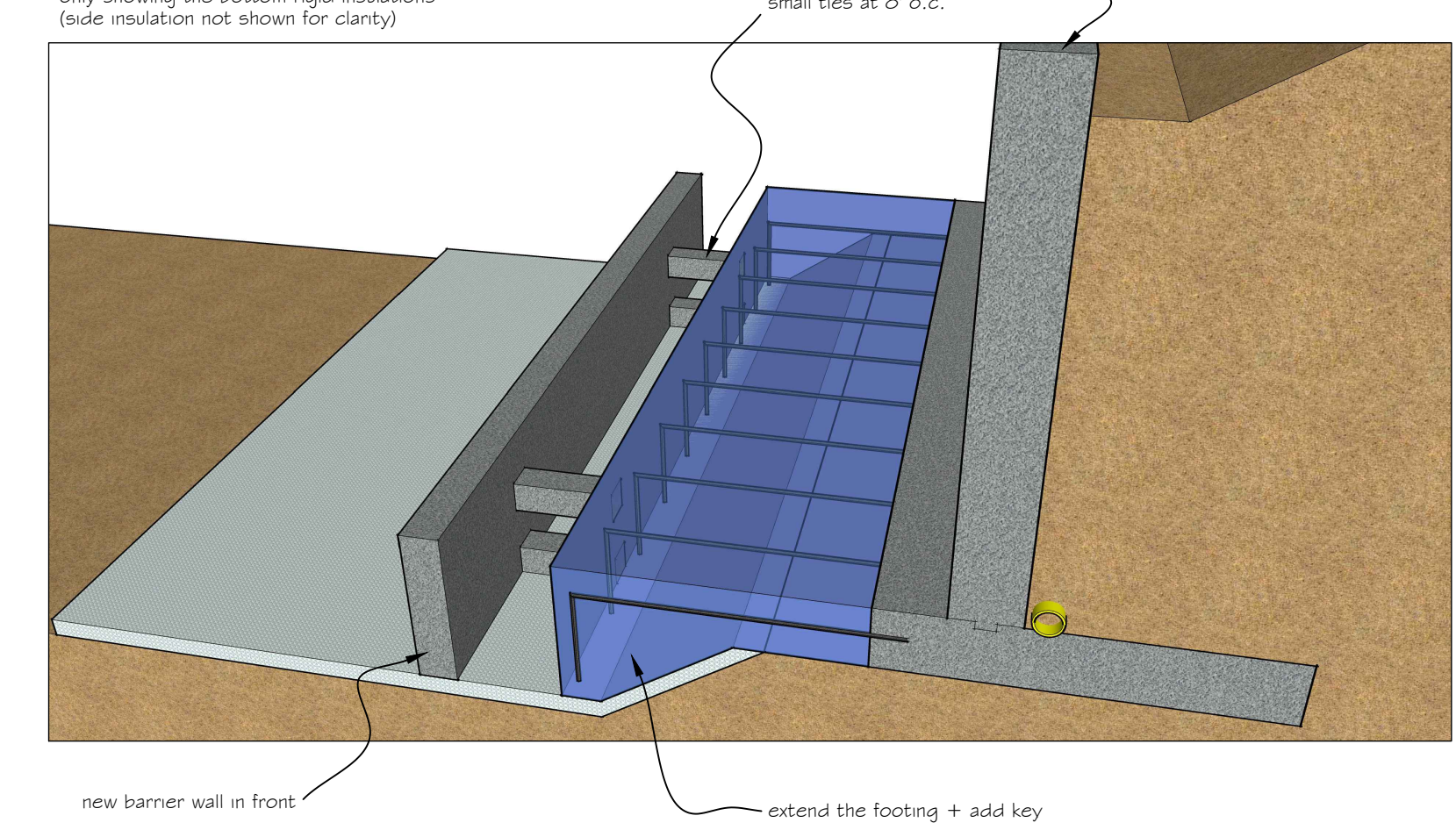
#9.1 ~ REINFORCE TO EXISTING RETAINING WALL (SOUTH)

- Notes:
- ~ Concrete to be 30 mPa at 28 days, with 5% air (+/-1%) Cement GU General Use Hydraulic Cement
 - ~ Rebar 400 mPa. Galvanized (note that the soil is corrosive, according to soil report)
 - ~ Lap 42 x bar diameter, which is 630mm for 15m bar
 - ~ concrete cover 3" [76mm] typical
 - ~ vertical control joint (1/4" wide x 3/4" deep), at 25' o.c. maximum
 - ~ retaining wall at the south west corner is not built yet, step foundation (and with larger foundation/heavier reinforcement is expected) details to be provided to suit the site conditions, at the time of excavation



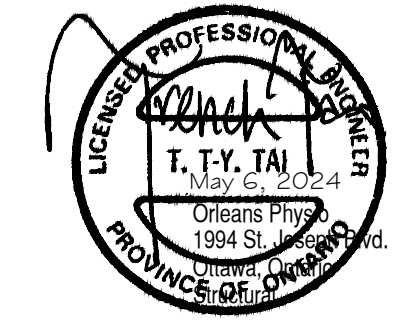
RETAINING WALL KEY PLAN

3d illustrations



13		
12		
11		
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5		
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3		
2	addition to existing retaining wall (grade is proposed to be lowered)	May 6, 2024
1	preliminary	January 2021

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PROJECT
Orleans Physio
 1994 St. Joseph Blvd.,
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TITLE
REINFORCEMENT TO EXISTING RETAINING WALL DETAILS (South Wall)

DRAWN
 TRENCH TAI

OUR REF. DRAWINGS
 V0404 1994StJosephWallDetail.dwg
 V0404 1994StJosephWall.dwg
 V0404 1994StJoseph.dwg

DRAWING NO.
S9
 (of 11)