

WALL NOTES

- 250 PSF LOADING BEHIND WALL A.
- WALL A - SOIL REINFORCEMENT REQUIRED, USE VERSA-GRID 10.0. QUANTITY = 20 S.Y.
- WALL A - VERSA-LOK SQUARE FOOT UNIT QUANTITY = 140 SQ. FT.
- WALL A - VERSA-LOK SQUARE FOOT CAP UNIT QUANTITY = 50 L.F.
- WALL A - BACKFILL TO CONSIST OF CLEAN GRANULAR MATERIAL, SUCH AS SAND AND GRAVEL, WITH LESS THAN TEN PERCENT (10%) BY WEIGHT PASSING THE NO. 200 SIEVE. A UNIT WEIGHT OF 125 PCF AND FRICTION ANGLE OF 32 DEGREES HAS BEEN ASSUMED IN DESIGN.
- 250 PSF LOADING BEHIND WALL B.
- WALL B - SOIL REINFORCEMENT REQUIRED, USE VERSA-GRID 3.0. QUANTITY = 185 S.Y.
- WALL B - VERSA-LOK SQUARE FOOT UNIT QUANTITY = 600 SQ. FT.
- WALL B - VERSA-LOK SQUARE FOOT CAP UNIT QUANTITY = 145 L.F.
- WALL B - BACKFILL FOLLOWING THE MINIMUM 12" THICK DRAINAGE AGGREGATE LAYER TO CONSIST OF COMPACTED ON-SITE COHESIVE SOILS. A UNIT WEIGHT OF 120 PCF AND FRICTION ANGLE OF 24 HAS BEEN USED IN DESIGN.

SITE NOTES

- SITE RUNOFF WILL BE PREVENTED FROM DISCHARGING OVER THE PROPOSED RETAINING WALLS BY WAY OF CURB AND GUTTER AND AN ON SITE STORMWATER COLLECTION SYSTEM. SEE PROJECT PLANS PREPARED BY TOTTH & ASSOCIATES, DATED JULY 22, 2022.

#	DESCRIPTION	DATE
1	CONSTRUCTION DOCUMENTS ISSUED FOR REVIEW	10/21/2022

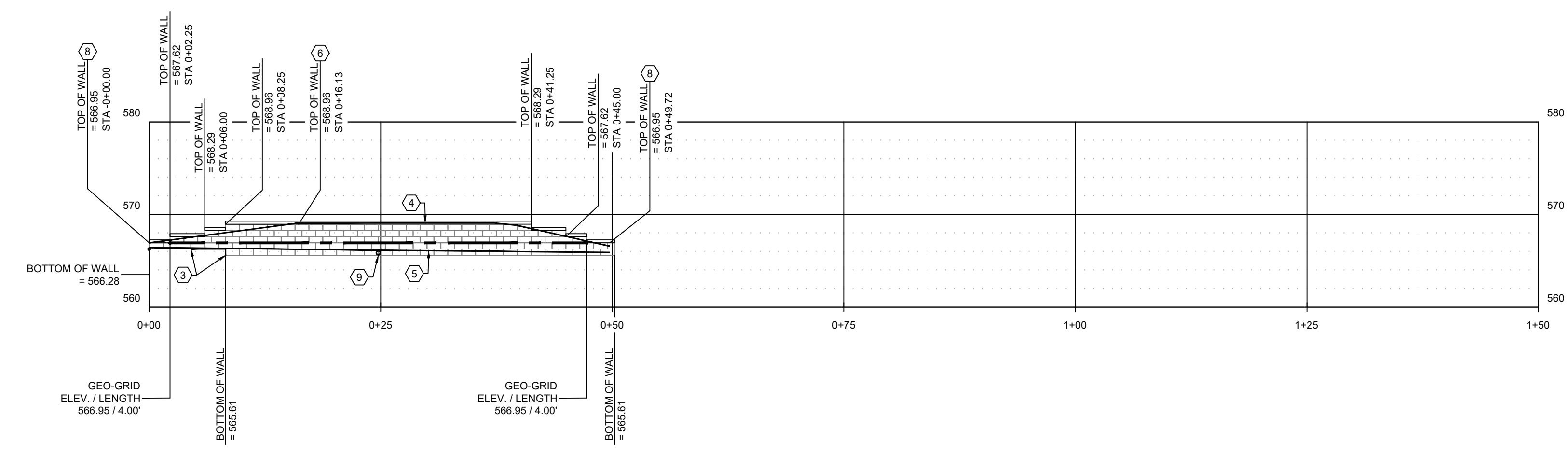


SHAWN W. BARRY - ENGINEER
MO# PE-200901053

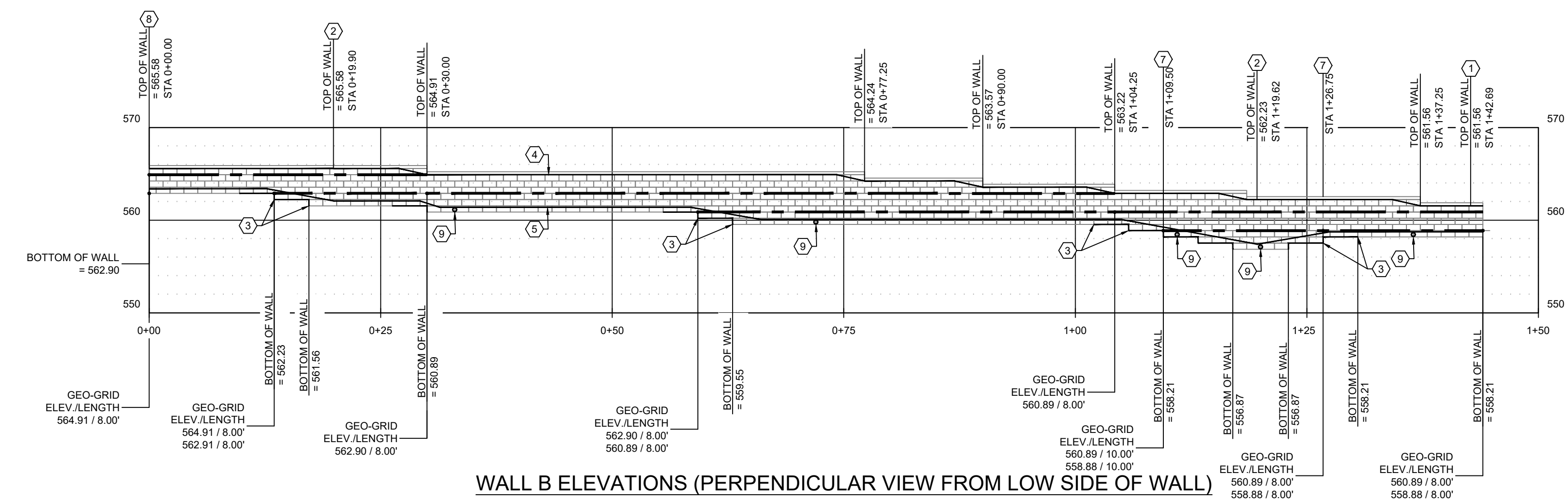
OWN. BY:	JDEB
DES. BY:	SMB
APP. BY:	SMB
DATE:	10/21/2022
SCALE:	AS SHOWN

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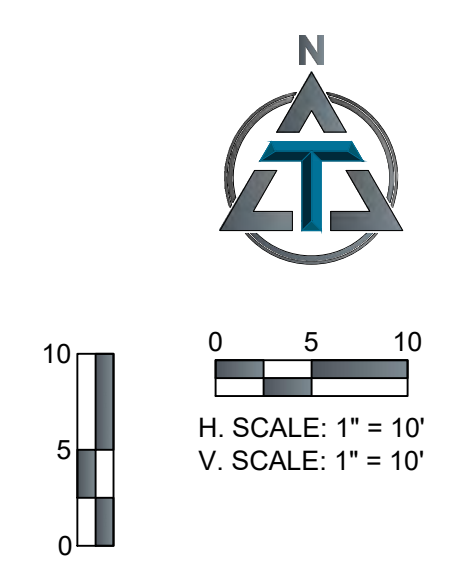
WALL A ELEVATIONS (PERPENDICULAR VIEW FROM LOW SIDE OF WALL)



WALL B ELEVATIONS (PERPENDICULAR VIEW FROM LOW SIDE OF WALL)

KEY NOTES:

- CONNECTION TO EXISTING RETAINING WALL. ELEVATIONS AT CONNECTION POINT ARE AS FOLLOWS, TW = 561.51, TG = 558.75.
- INSIDE CORNER. SEE PLAN VIEW FOR ANGLE.
- 8 INCH ELEVATION STEP, TYPICAL.
- PROPOSED GRADE - HIGH SIDE OF WALL.
- PROPOSED GRADE - LOW SIDE OF WALL.
- BEGIN CONCAVE CURVE RADIUS. SEE PLAN VIEW FOR RADIUS.
- CHANGE IN VERSA-GRID VG 3.0 GEOSYNTHETIC GRID LENGTH.
- END WALL.
- RETAINING WALL DRAIN OUTLET PER DRAIN DETAIL, SHEET W3.
- WALL A - INSTALL 50 L.F. ± OF 4" PERFORATED HDPE DRAIN PIPE @ 1.00% MINIMUM SLOPE.
- WALL B - INSTALL 145 L.F. ± OF 4" PERFORATED HDPE DRAIN PIPE @ 1.00% MINIMUM SLOPE.
- TRUNCATED DOME DETECTABLE WARNING SURFACE PROVIDED.



7 BREW COFFEE - ON SITE RETAINING WALL

CITY OF OFFALLOM, ST. CHARLES COUNTY, MISSOURI 65336

CITY OF OFFALLOM

WALL ELEVATIONS

PROJECT:	
LOCATION:	
CLIENT:	
TITLE:	
SHT NO.:	W2 OF 4