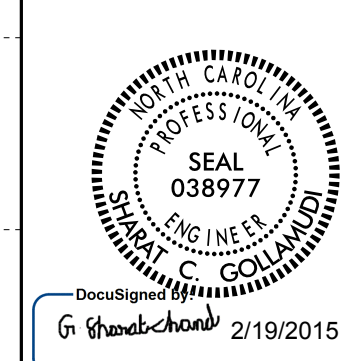
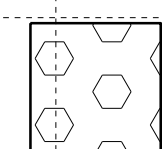


PROJ. REFERENCE NO. U-5008	SHEET NO. W-18
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NOTES:



LIGHTWEIGHT AGGREGATE IN MSE REINFORCED ZONE

LIMIT OF LIGHTWEIGHT AGGREGATE IN THE REINFORCED ZONE IS BASED ON REINFORCEMENT LENGTH (L) = 1.1 X H TO SATISFY GLOBAL STABILITY.

H = DESIGN HEIGHT + EMBEDMENT

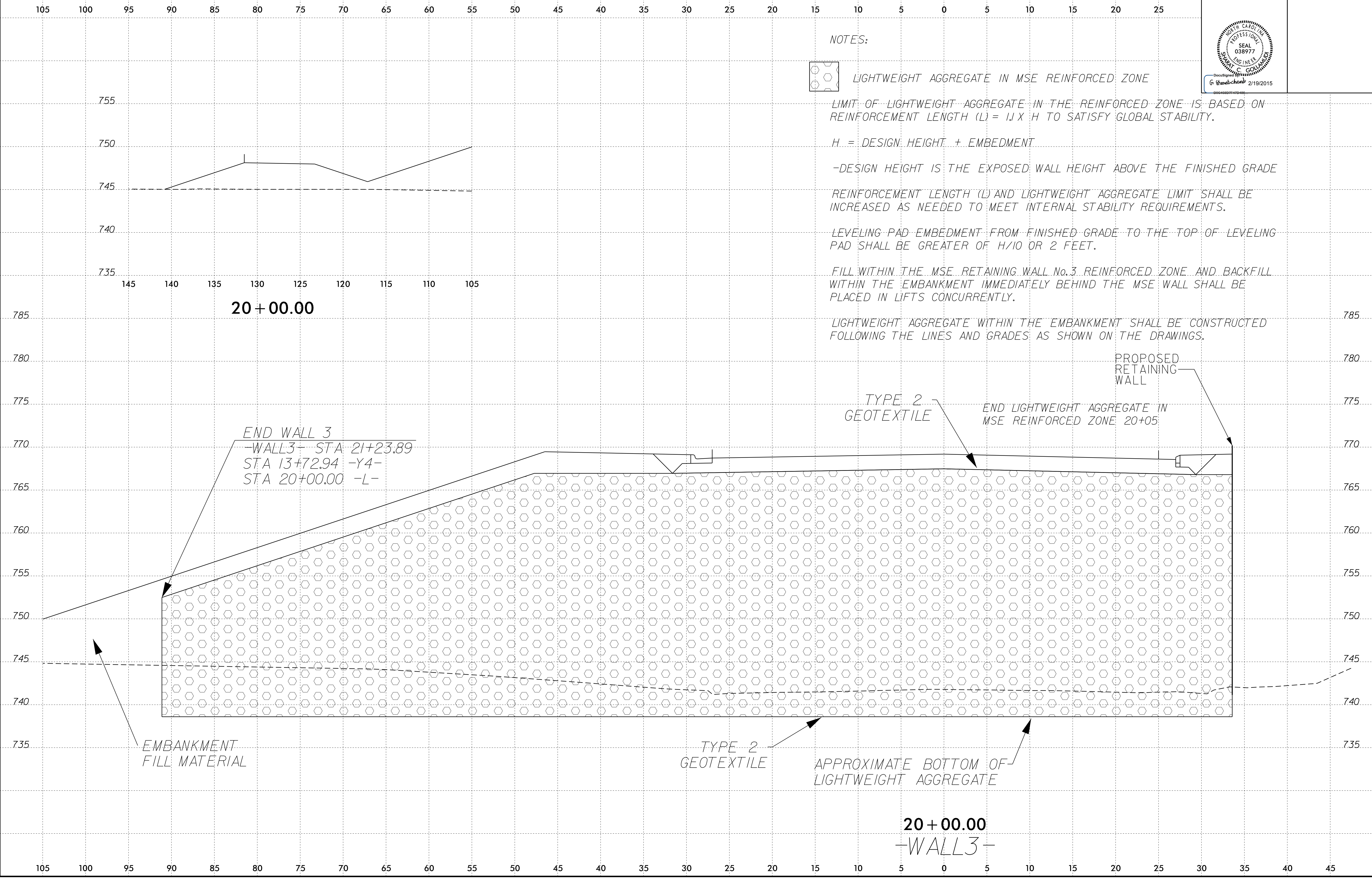
-DESIGN HEIGHT IS THE EXPOSED WALL HEIGHT ABOVE THE FINISHED GRADE

REINFORCEMENT LENGTH (L) AND LIGHTWEIGHT AGGREGATE LIMIT SHALL BE INCREASED AS NEEDED TO MEET INTERNAL STABILITY REQUIREMENTS.

LEVELING PAD EMBEDMENT FROM FINISHED GRADE TO THE TOP OF LEVELING PAD SHALL BE GREATER OF H/10 OR 2 FEET.

FILL WITHIN THE MSE RETAINING WALL No. 3 REINFORCED ZONE AND BACKFILL WITHIN THE EMBANKMENT IMMEDIATELY BEHIND THE MSE WALL SHALL BE PLACED IN LIFTS CONCURRENTLY.

LIGHTWEIGHT AGGREGATE WITHIN THE EMBANKMENT SHALL BE CONSTRUCTED FOLLOWING THE LINES AND GRADES AS SHOWN ON THE DRAWINGS.



20+00.00

END WALL 3
-WALL 3- STA 21+23.89
STA 13+72.94 -Y4-
STA 20+00.00 -L-

TYPE 2
GEOTEXTILE

END LIGHTWEIGHT AGGREGATE IN
MSE REINFORCED ZONE 20+05

PROPOSED
RETAINING
WALL

EMBANKMENT
FILL MATERIAL

TYPE 2
GEOTEXTILE

APPROXIMATE BOTTOM OF
LIGHTWEIGHT AGGREGATE

20+00.00
-WALL 3-