
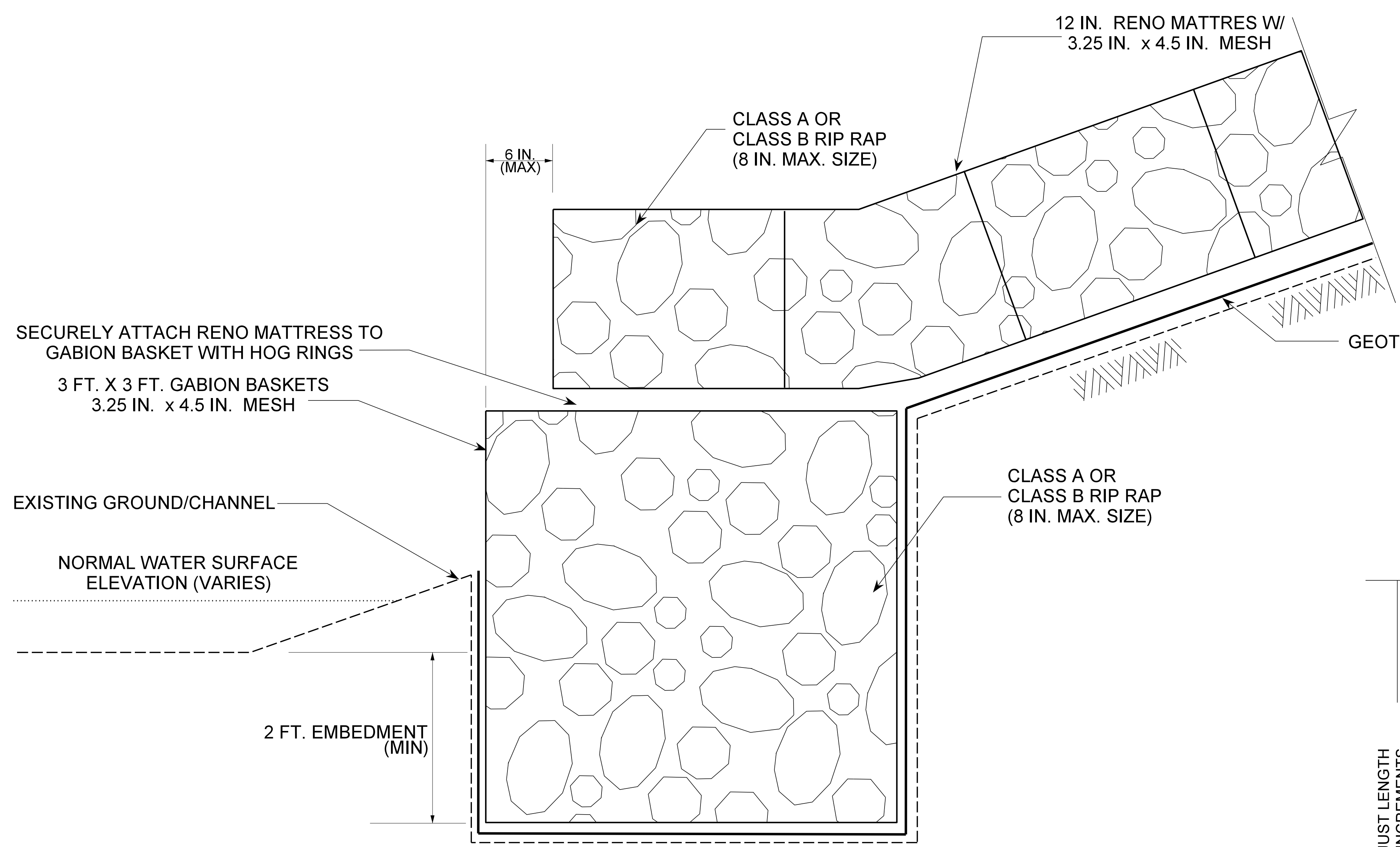


PROJECT REFERENCE NO. A-0009CA	SHEET NO. 2G-4
GEOTECHNICAL ENGINEER  D. Matthew Brewer 4/28/2022	ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



SECURELY ATTACH RENO MATTRESS TO GABION BASKET WITH HOG RINGS

3 FT. X 3 FT. GABION BASKETS
3.25 IN. x 4.5 IN. MESH

EXISTING GROUND/CHANNEL

NORMAL WATER SURFACE ELEVATION (VARIES)

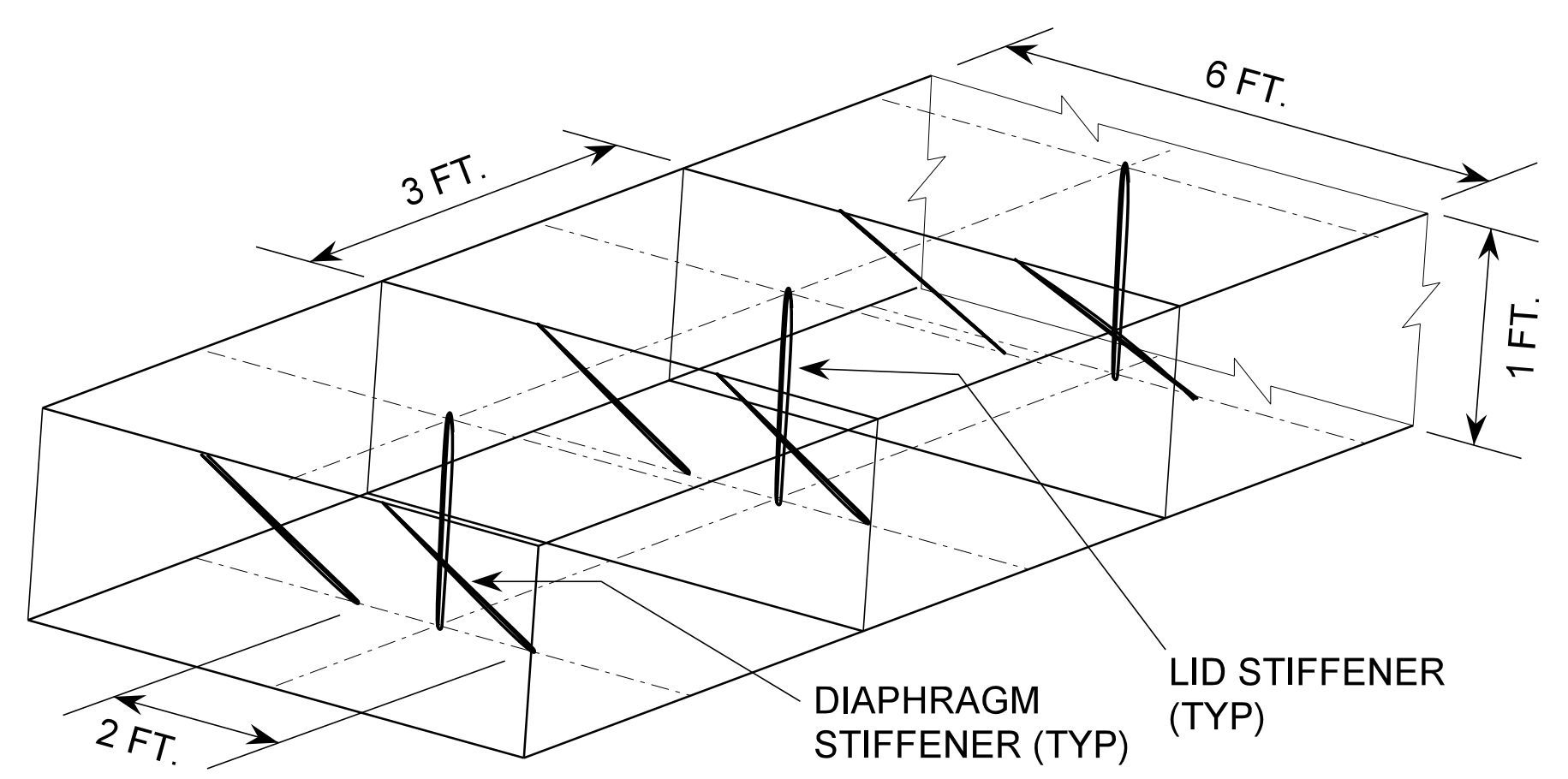
2 FT. EMBEDMENT (MIN)

CLASS A OR CLASS B RIP RAP (8 IN. MAX. SIZE)

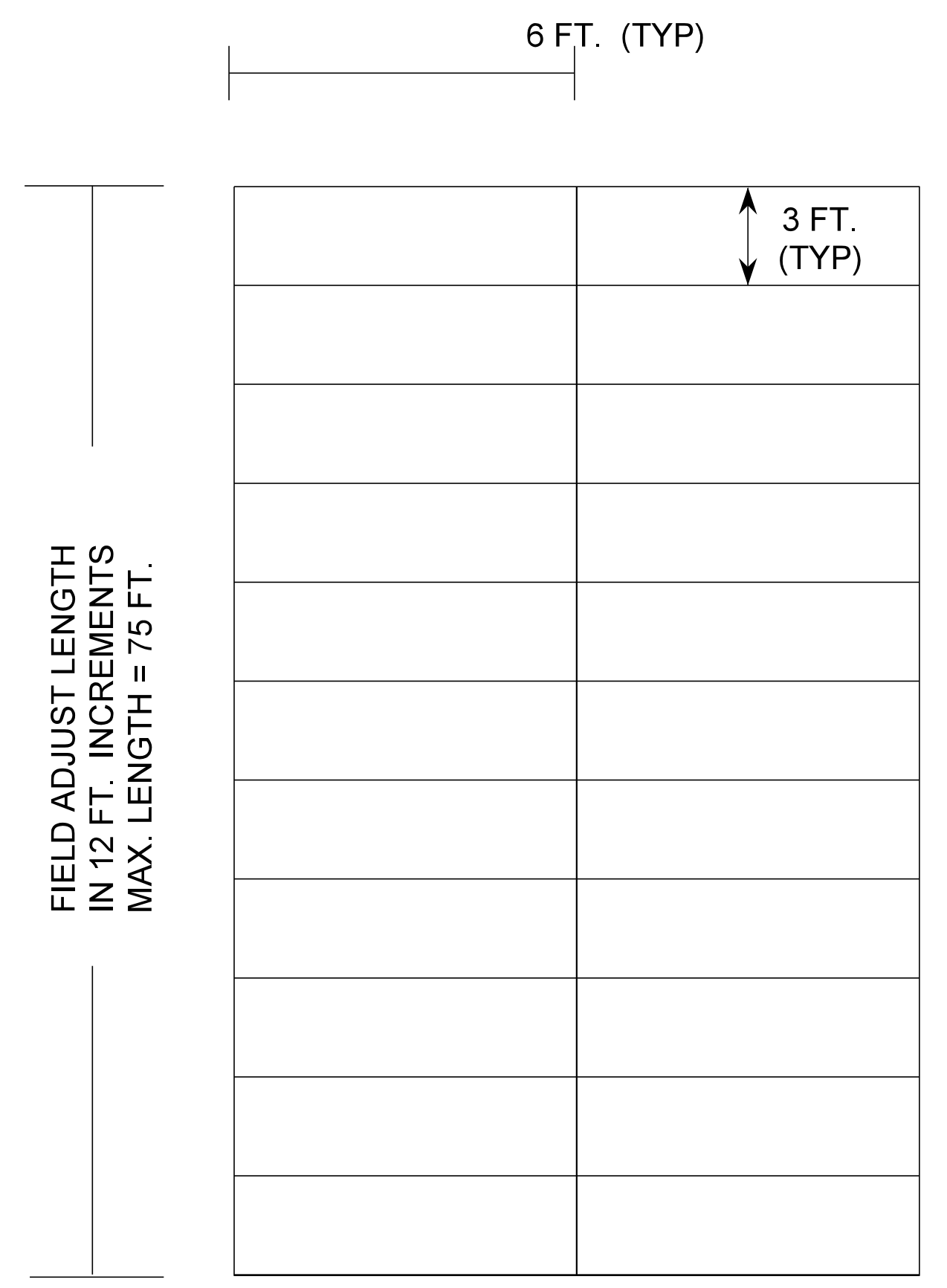
CLASS A OR CLASS B RIP RAP (8 IN. MAX. SIZE)

GEOTEXTILE, TYPE 2

DETAIL A
NOT TO SCALE



STIFFENER DETAIL
NOT TO SCALE



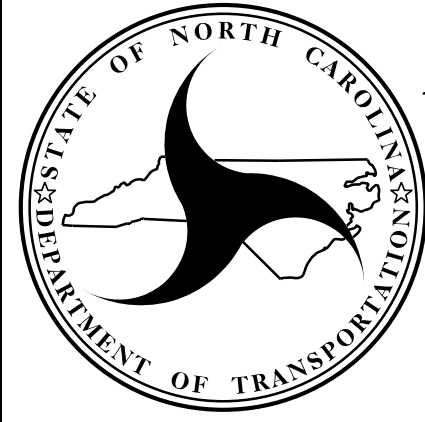
PLAN VIEW - RENO MATTRESS
NOT TO SCALE

PREPARED BY: D. MATTHEW BREWER, P.E.	DATE: 4/27/22
REVIEWED BY: ROBERT E. KRAL, P.E.	DATE: 4/27/22

Prepared in the Office of:



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NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

GEOTECHNICAL ENGINEERING UNIT

GEOTECHNICAL CONSTRUCTION DETAILS - GABION EROSION PROTECTION (SHEET 2 OF 3)

REVISIONS					
NO.	BY	DATE	NO.	BY	DATE
1			3		
2			4		