

12/06/07

COMPUTED BY: _____ DATE: _____

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* Information taken from Subsurface investigation from Kleinfelder Inc. in May 2024.

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PROJECT REFERENCE NO.
1-5880

SHEET NO.
36-1

(9-17-24)
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SUMMARY OF SUBSURFACE DRAINAGE

LINE	STATION	STATION	LOCATION LT/RT/CL	DRAIN TYPE* UD/BD/SD	LF
CONTINGENCY				SD	200
				TOTAL LF:	200

*UD = Underdrain
*BD = Blind Drain
*SD = Subsurface Drain

*Subsurface Drainage quantity taken from report from Feb. 2022.

SUMMARY OF AGGREGATE SUBGRADE /STABILIZATION

LINE	STATION	STATION	Aggregate Type* ASU(1/2)/ AST	Aggregate Thickness [8" for ASU(2)]	Shallow Undercut CY	Class IV Subgrade Stabilization TONS	Geotextile for Subgrade Stabilization SY	Stabilizer Aggregate TONS	Class IV Aggregate Stabilization TONS
L	27 + 75	33 + 75	1	12	1200	2400	3600		
L	33 + 75	34 + 75	1	12	100	200	300		
L	36 + 75	37 + 75	2	8		175	400		
L	37 + 75	38 + 46	2	8		275	600		
L	40 + 21	43 + 95	2	8		1175	2675		
L	45 + 00	46 + 50	2	8		50	75		
L	46 + 50	48 + 25	2	8		200	425		
L	48 + 25	50 + 75	2	8		275	600		
Y1	6 + 15	13 + 75	2	12	1850	3700	5550		
Y1	24 + 25	24 + 65	1	8		150	325		
Y1	33 + 75	35 + 40	2	8	400	800	1200		
RPB	10 + 00	16 + 75	2	8		1350	3075		
RPC	10 + 00	21 + 00	2	8		1825	4175		
CONTINGENCY					1100	3200	3750	500	
			TOTAL CY/TONSSY:		4650	15975**	26750**	500	0

*ASU(1/2) = Aggregate Subgrade (Type 1 or 2)*AST = Aggregate Stabilization
**Total tons of "Class IV Subgrade Stabilization" and total square yards of "Geotextile for Subgrade Stabilization"
are only the estimated quantities for ASU(1/2)/AST and may only
represent a portion of the subgrade stabilization and geotextile quantities shown in the Item Sheets of the Proposal.