



TEMPORARY SEDIMENT TRAP #1 CALC'S

TOTAL DRAINAGE AREA =	1.89 ACRES
TOTAL DISTURBED AREA =	1.34 ACRES
REQUIRED SEDIMENT STORAGE =	113.23 C.Y.
PROVIDED SEDIMENT STORAGE =	141.74 C.Y.
SPILLWAY WIDTH =	10 FT
SPILLWAY CREST ELEV. =	958 FT
VOLUME @ CLEANOUT ELEVATION =	37.74 C.Y.
CLEANOUT ELEVATION =	956.00 FT
10 YEAR PEAK FLOW =	11.39 CFS
10 YEAR STAGE IN SPILLWAY =	959.51 FT
TOP OF DIKE =	960.00 FT

Ds1 Ds2
GRASS ALL DISTURBED AREAS AS SOON AS CONSTRUCTION PERMITS

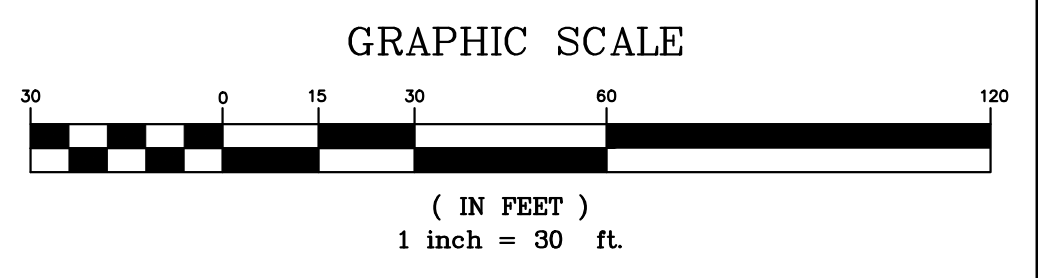
CAUTION

CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING THE SERVICES OF A PRIVATE UTILITY LOCATOR FIRM DURING THE ENTIRE COURSE OF CONSTRUCTION. CONTRACTOR SHALL PAY FOR SAID SERVICES. CONTRACTOR SHALL REPAIR ALL UTILITIES DAMAGED BY CONSTRUCTION ACTIVITIES, AT NO ADDITIONAL COST TO THE OWNER/DEVELOPER.

THE UTILITIES SHOWN ARE SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE SITE DESIGN PROFESSIONAL ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF UTILITIES WITHIN THE LIMITS OF THE WORK. DAMAGE TO EXISTING UTILITIES BY THE CONTRACTOR, FROM HIS/HER OPERATIONS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

CONTRACTOR SHALL BE RESPONSIBLE FOR COMPACTION OF BACKFILL OF ALL UTILITY TRENCHES WITHIN SITE WORK LIMITS. THIS INCLUDES TRENCHES DUG AND BACKFILLED BY LOCAL UTILITIES SUCH AS POWER, GAS, TELEPHONE, ETC. CONTRACTOR SHALL PROVIDE ADDITIONAL BACKFILL AND COMPACTION AS NECESSARY, IF SETTLEMENT OCCURS.

DO NOT DUPLICATE DRAWINGS WITHOUT PERMISSION



ESPC PHASE I NARRATIVE

DURING THE FIRST PHASE OF EROSION CONTROL INSTALL ALL PERIMETER BMPs SHOWN ON THIS PLAN - CONSTRUCTION ENTRANCE, SILT FENCE, ETC. THE DETENTION POND WITH SKIMMER SHALL BE INSTALLED DURING THIS PHASE AND UTILIZED FOR SILT STORAGE.

THERE ARE 1.34 ACRES OF DISTURBANCE IN THIS PHASE.

1.34AC X 67CY/AC = 89.78CY

SEDIMENT STORAGE PROVIDED SD4: 141.74 CY

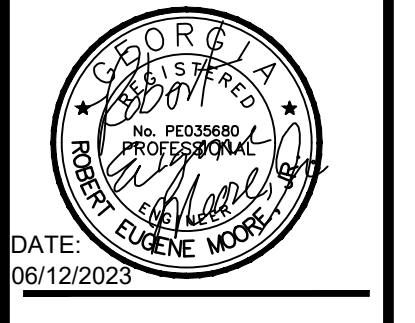
1.357 LF OF SILT FENCE X 1.25 X 2FT: 125.64CY

TOTAL PROVIDED: 267.38 CY

TOTAL REQUIRED: 89.78 CY



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REVISIONS:

6/21/22	GRADING PLAN
10/21/22	1st LDP SUBMITTAL
10/21/22	1ST GDOT SUBMITTAL
01/30/2023	NEW LAYOUT
02/21/2023	NEW LAYOUT
05/09/2023	2nd LDP SUBMITTAL
05/09/2023	2nd GDOT SUBMITTAL
12/19/2023	3rd GDOT SUBMITTAL
12/19/2023	3rd LDP SUBMITTAL
03/05/2023	4rd LDP SUBMITTAL
03/05/2023	3rd GDOT SUBMITTAL
04/24/2024	6TH GDOT SUBMITTAL
05/21/2024	7TH GDOT SUBMITTAL
12/12/2024	8TH GDOT SUBMITTAL
03/06/2025	5TH LDP SUBMITTAL
07/03/2025	6TH LDP SUBMITTAL

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SHEET TITLE:
EROSION CONTROL PHASE I

SHEET NUMBER:
C.610