

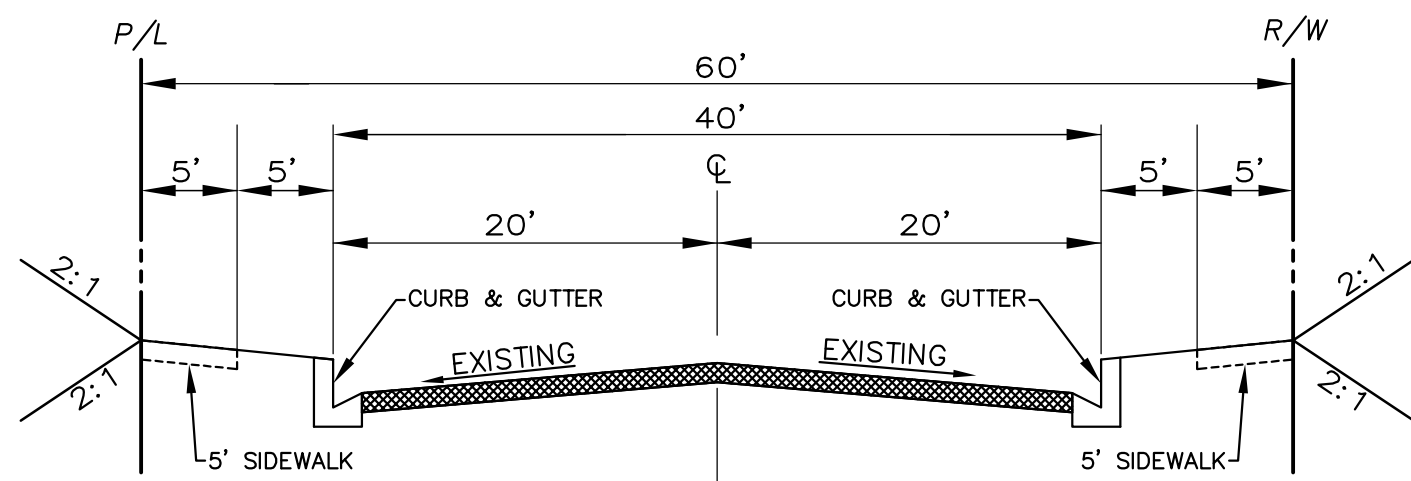
RAW EARTHWORK ESTIMATE		
EARTHWORK ESTIMATE	QUANTITIES	
	CUT	FILL
ROUGH GRADING	14,303 CY	39,826 CY
OVER EXCAVATION	29,051 CY	29,051 CY
SUBSIDENCE (0.15")	(2,179) CY	
SHRINKAGE (12.5%)	(5,419) CY	
SUBTOTAL PROJECT EARTHWORK QUANTITIES	35,756 CY	68,877 CY
NET	33,121CY (SHORT)	

**EARTHWORK ESTIMATE INCORPORATING
INCORPORATING ENVIRONMENTAL RECOMMENDATIONS**

SOIL REUSE:
80% OF THE CUT VOLUME = 0.8*35,756 CY = 28,605 CY

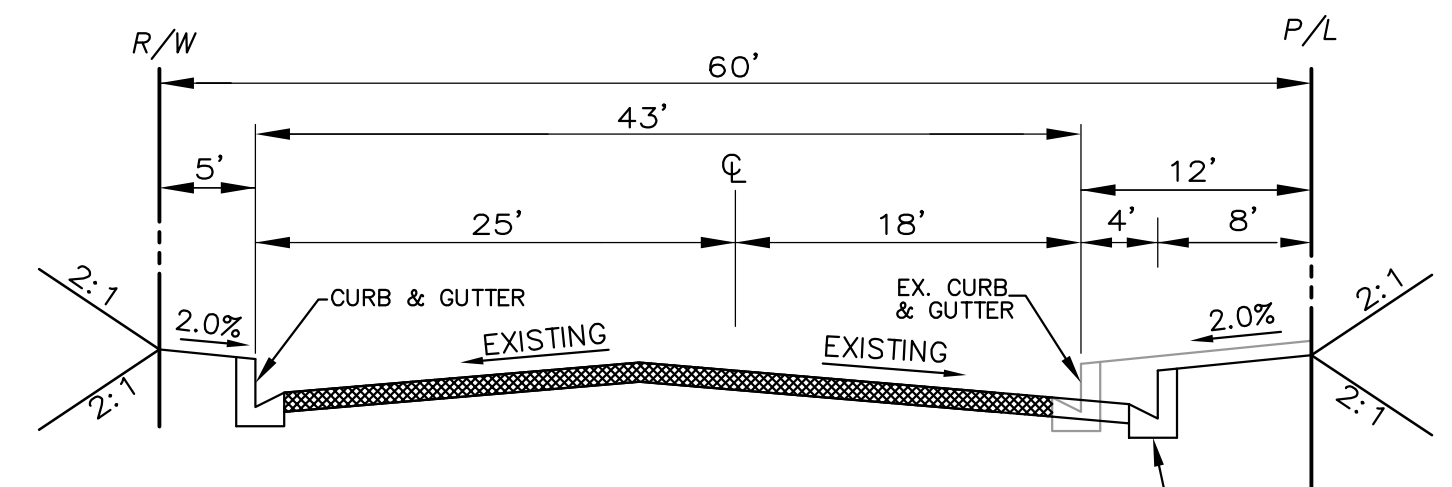
SOIL EXPORT:
20% OF THE CUT VOLUME + ADDITIONAL 1,400 CY =
0.2*35,756 CY + 1,400 CY = 8,551 CY

SOIL IMPORT:
FILL VOLUME + ADDITIONAL 1,400 CY - SOIL REUSE =
68,877 CY + 1,400 CY - 28,605 CY = 41,672 CY



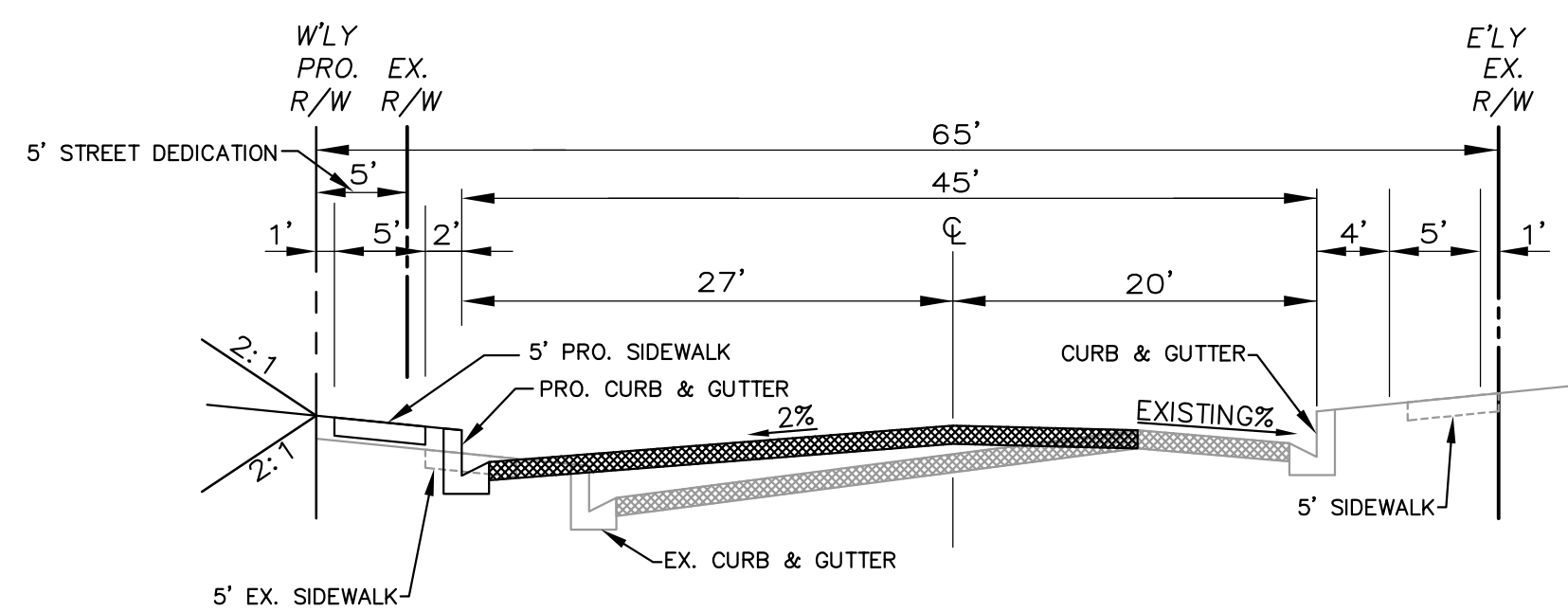
**GAVIOTA AVENUE & ALAMOS AVENUE
TYPICAL STREET SECTION**

NOT TO SCALE



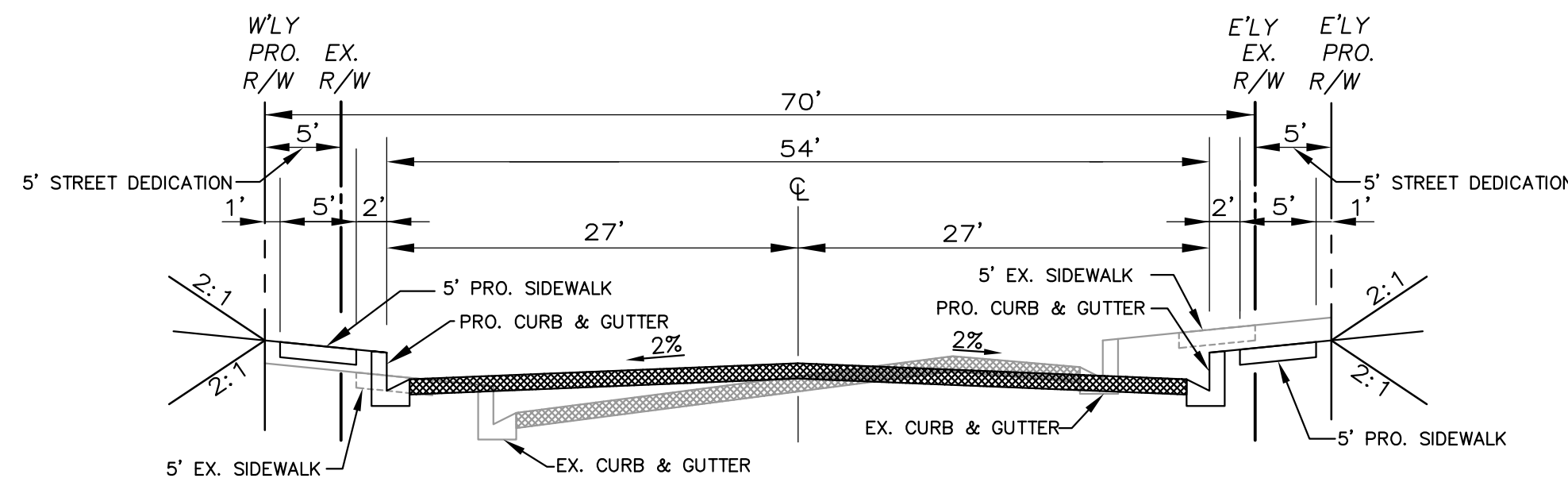
**GUNDRY AVENUE
TYPICAL STREET SECTION**

NOT TO SCALE



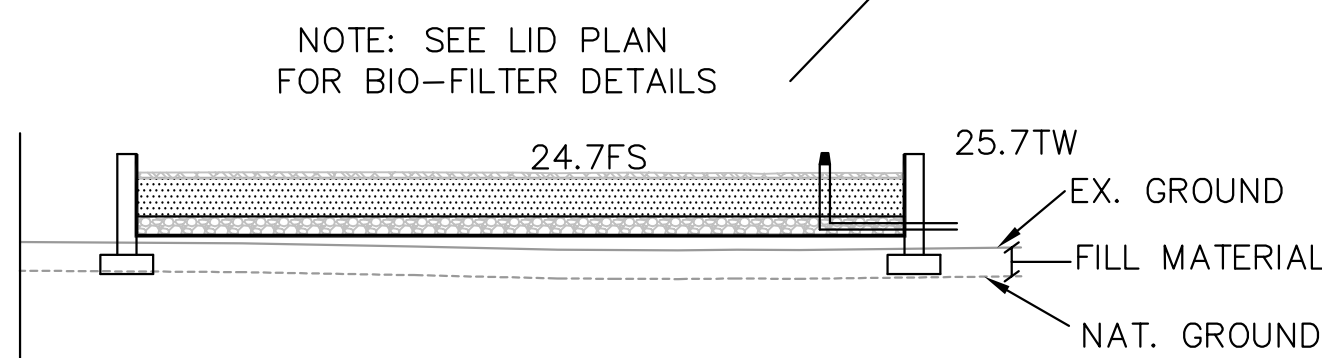
**NORTH SECTION
WALNUT AVENUE
TYPICAL STREET SECTION**

NOT TO SCALE



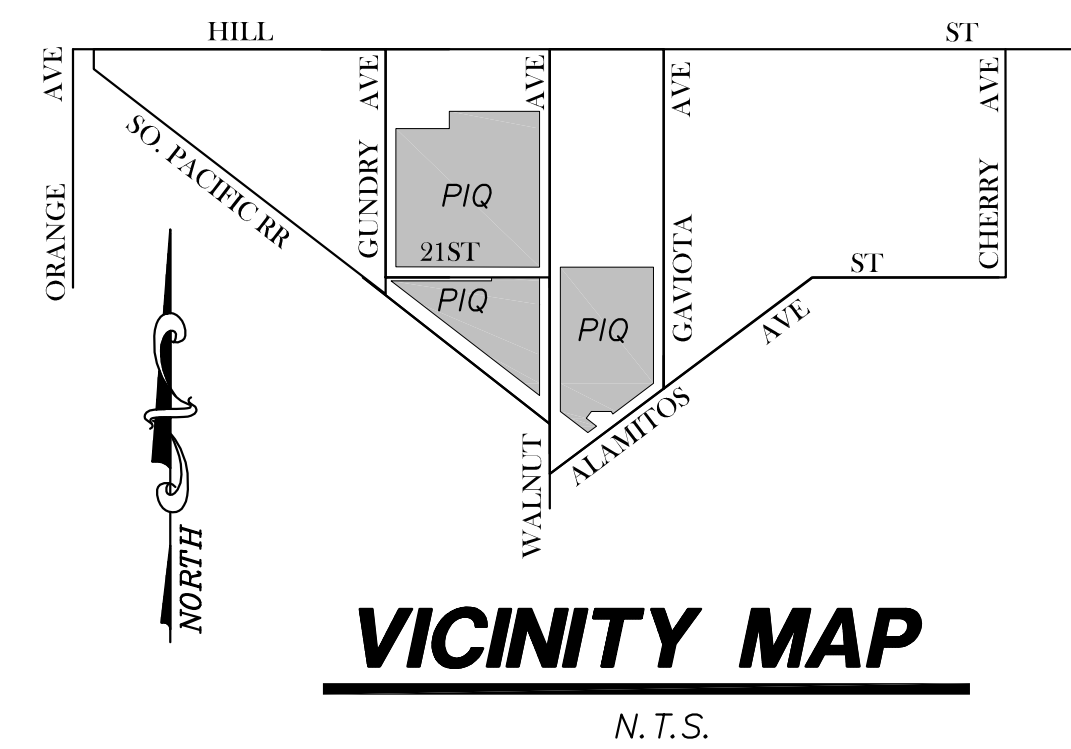
**SOUTH SECTION
WALNUT AVENUE
TYPICAL STREET SECTION**

NOT TO SCALE



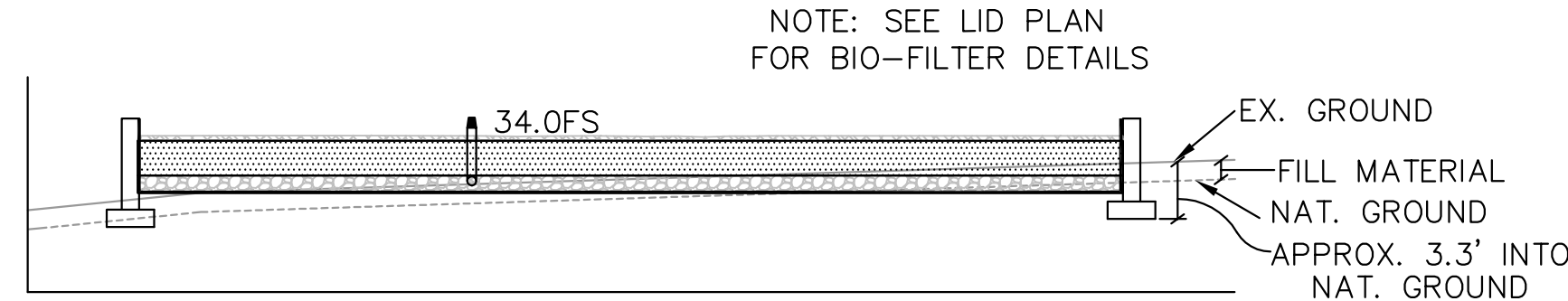
BIO-FILTER SECTION

SCALES: HOR. 1"=10'; VERT. 1"=10'



VICINITY MAP

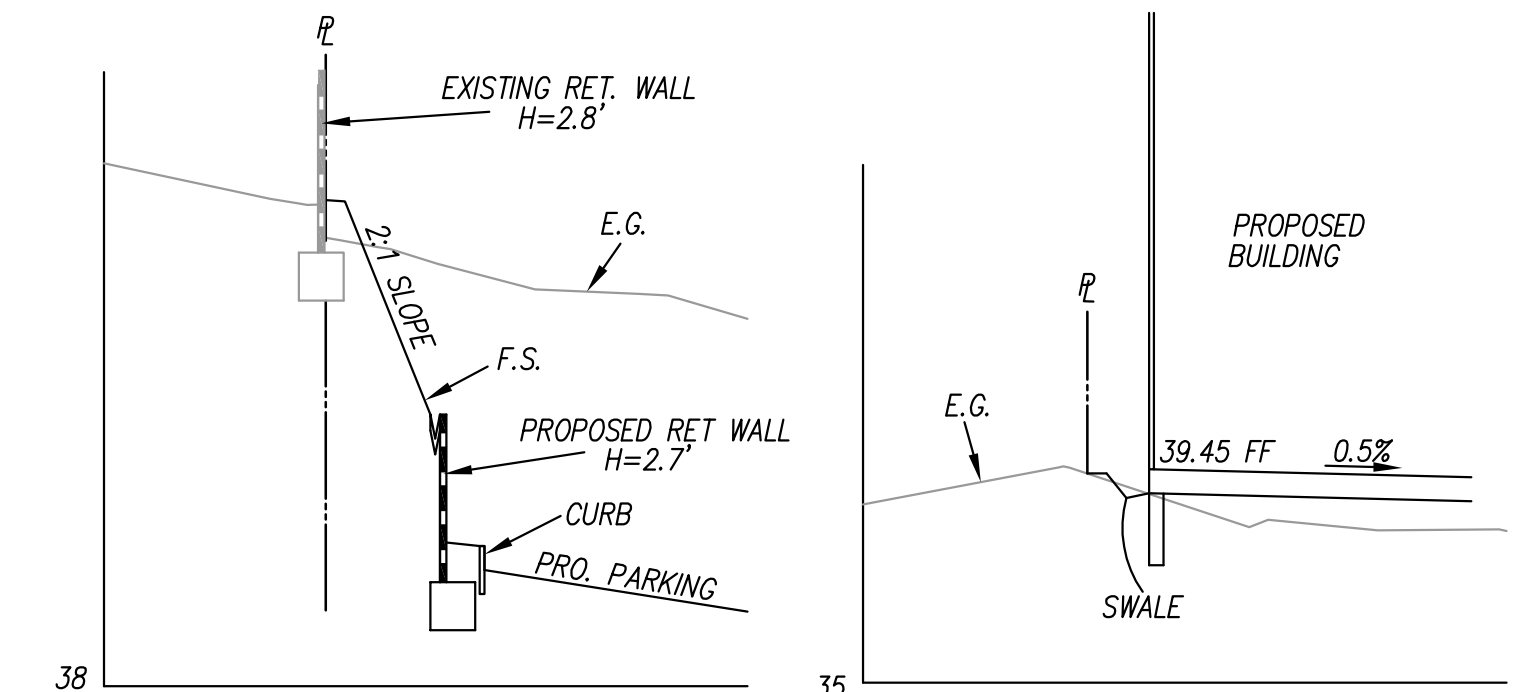
N.T.S.



BIO-FILTER SECTION

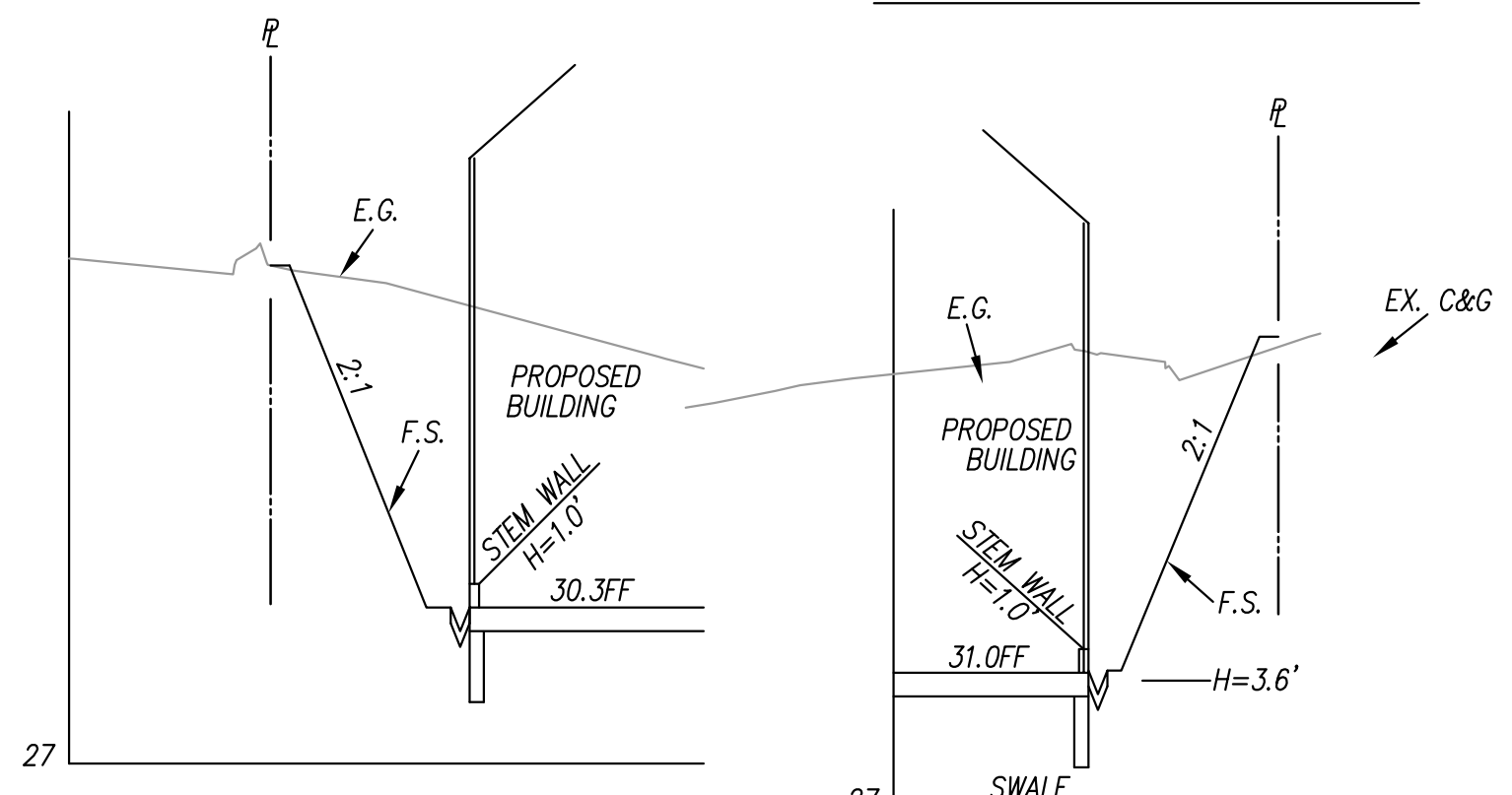
SCALES: HOR. 1"=10'; VERT. 1"=10'

- LEGEND**
- SD PROPOSED STORM DRAIN
 - SS PROPOSED SEWER
 - WT EXISTING WATER
 - WT EXISTING WATER
 - SW STEM WALL
 - RW RETAINING WALL
 - EG EXISTING GROUND
 - FS FINISHED SURFACE



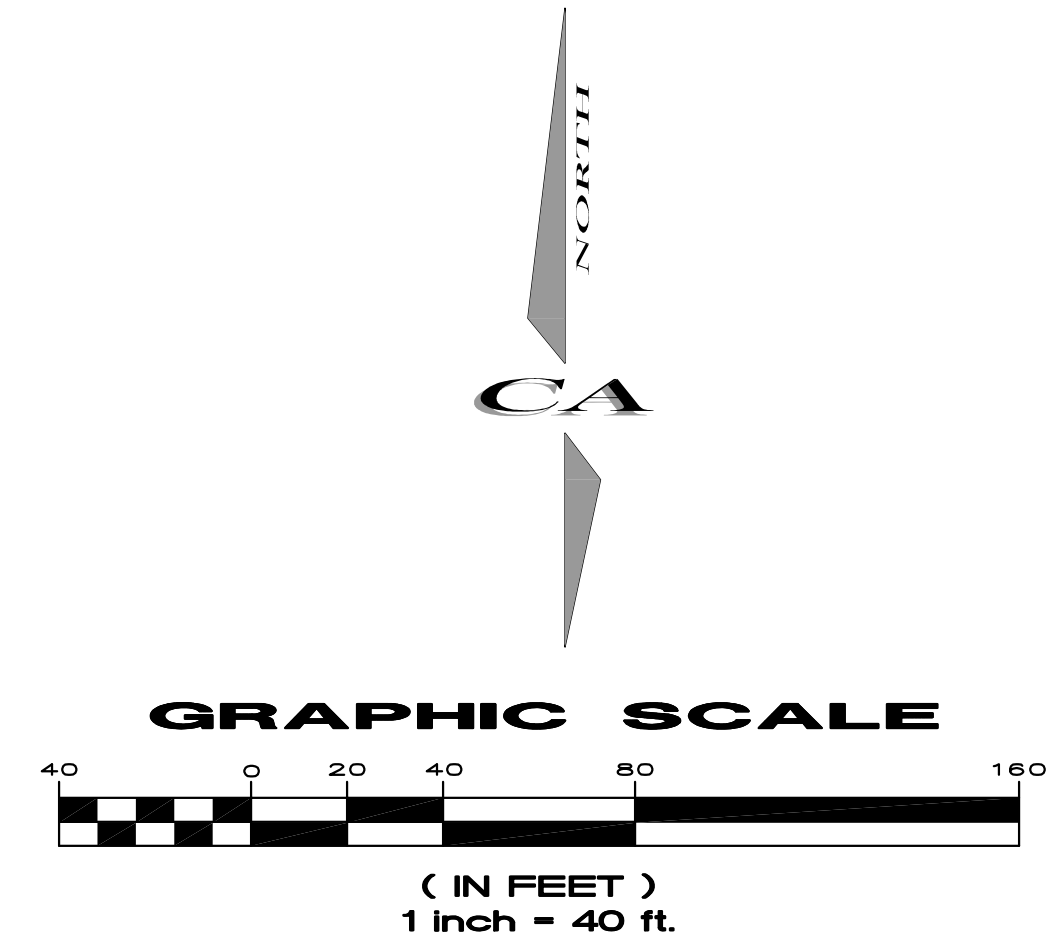
SECTION B-B

SECTION A-A



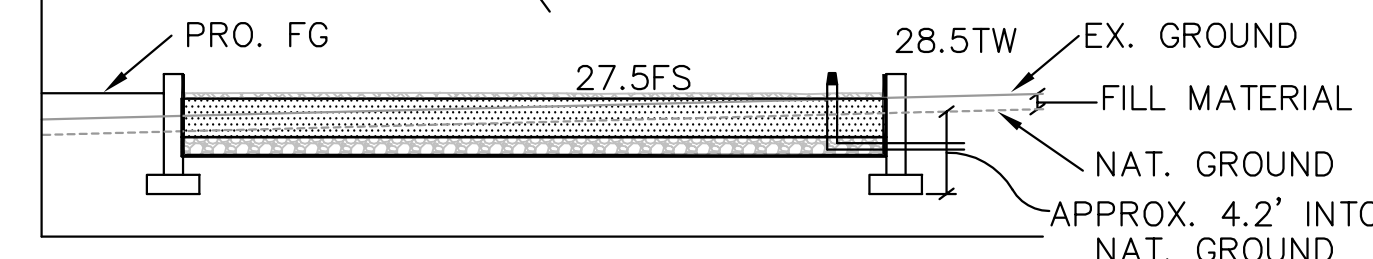
SECTION C-C

SECTION D-D



GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.



BIO-FILTER SECTION

SCALES: HOR. 1"=10'; VERT. 1"=10'



FRED CORNWELL R.C.E. 45591

DATE

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LAST REV.
Nov 21 2019

JOB NO.
215-39

Sht. 1 of 1