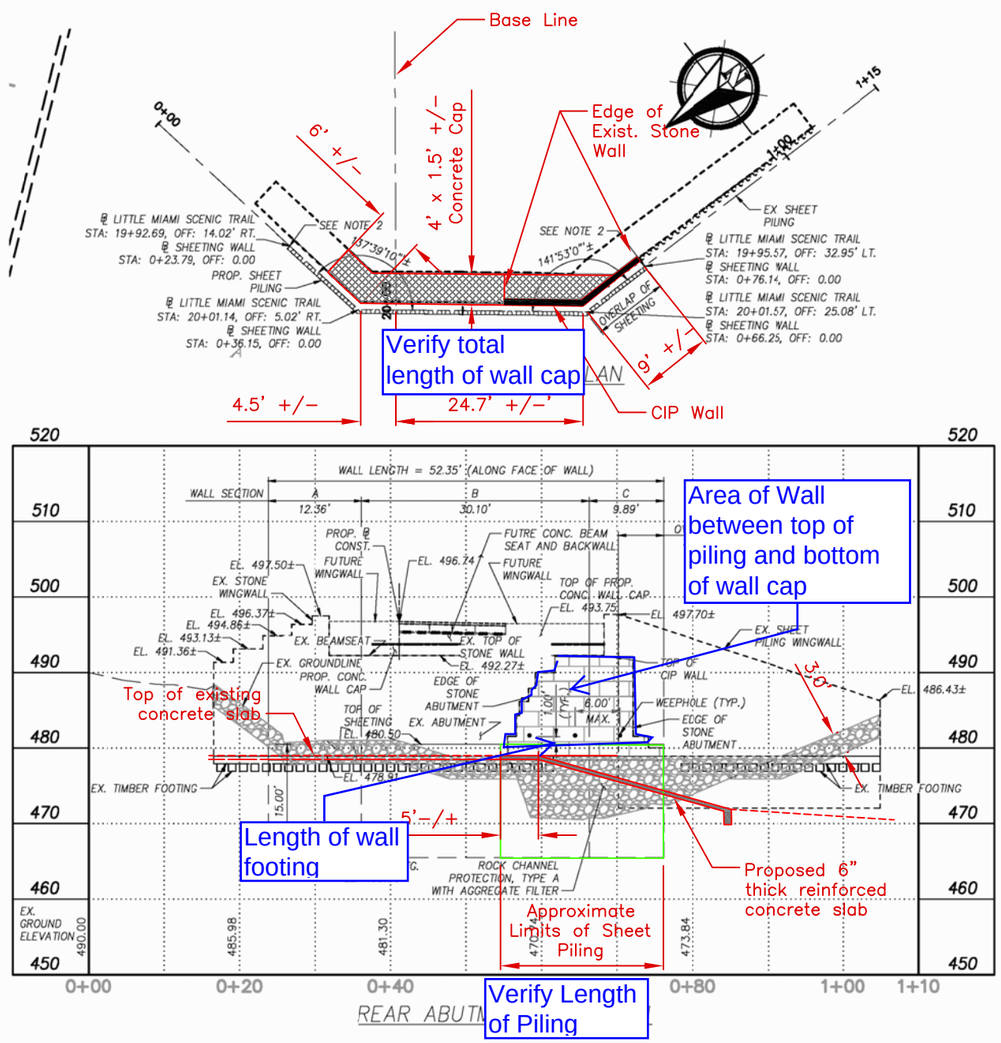

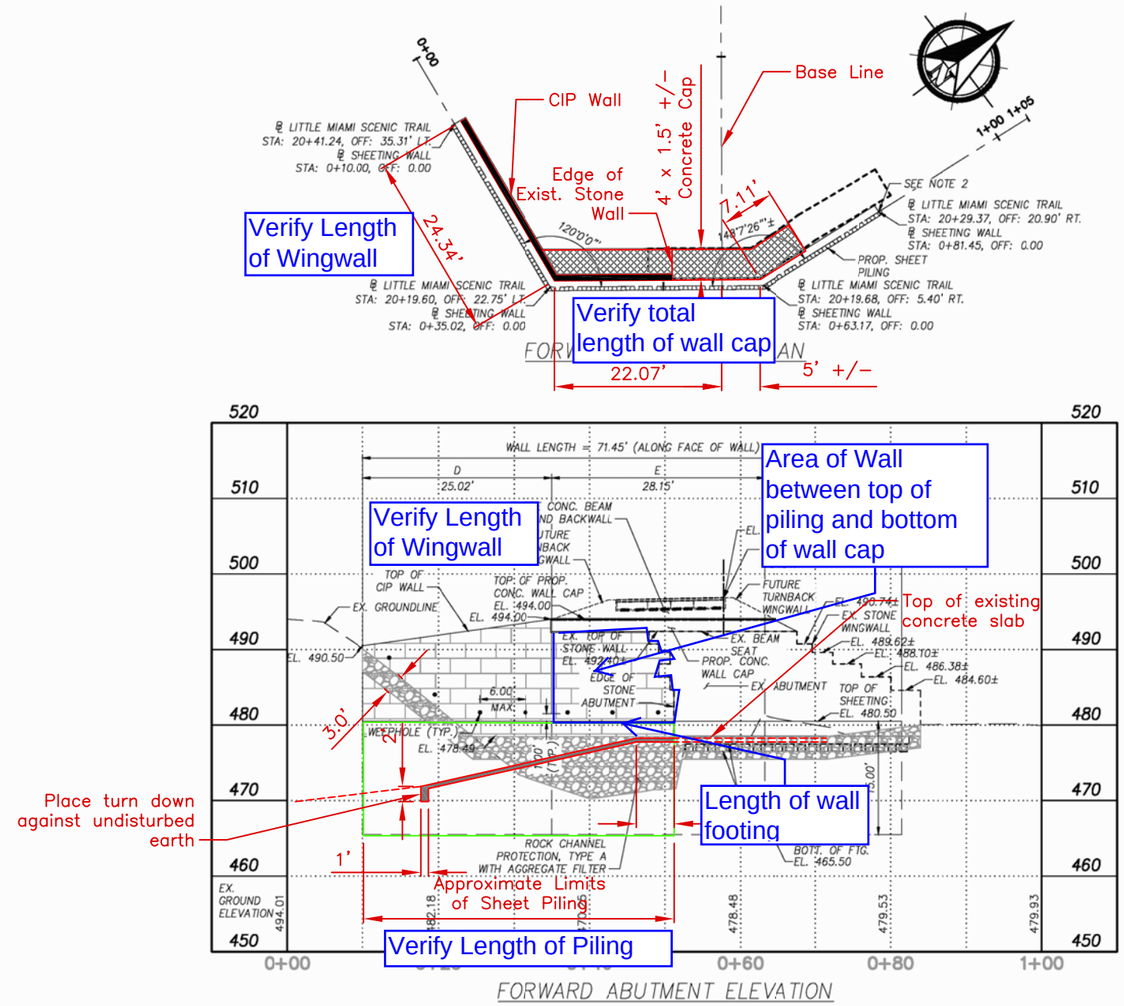

SHORING WALL							
SECTION	LITTLE MIAMI SCENIC TRAIL STATION*		LENGTH	LITTLE MIAMI SCENIC TRAIL OFFSET*		TOTAL SHEETING HEIGHT	SECTION MODULOUS IN3/FT
	FROM	TO		FROM	TO		
A	19+92.69	20+01.14 **	12.36'	14.02' RT.	5.02' RT.	15.00	16.00
B	20+01.14 **	20+01.57 **	30.10'	5.02' RT.	25.08' LT.	15.00	16.00
C	20+01.57 **	19+95.57	9.89'	25.08' LT.	32.95' LT.	15.00	16.00
D	20+41.24	20+19.60 **	25.02'	35.31' LT.	22.75' LT.	15.00	16.00
E	20+19.60 **	20+19.68 **	28.15'	22.75' LT.	5.40' RT.	15.00	16.00
F	20+19.68 **	20+29.37	18.28'	5.40' RT.	20.90' RT.	15.00	16.00

* – WALL STATIONS AND OFFSETS ARE GIVEN AT BACK FACE OF WALL.

** – INDICATES BEND POINT.

^ – ELEVATION GIVEN AT ℄ BEARING.

NOTES:

1. CONTRACTOR SHALL VERIFY SITE CONDITIONS HAVE NOT CHANGED FROM DESIGN DATE PRIOR TO INSTALLING SPECIFIED SHEETING.
2. CONTRACTOR SHALL TURN BACK SHEET PILING TO CONTAIN CLASS QC1 CONCRETE AS NECESSARY.
3. CONTRACTOR SHALL PLACE ROCK CHANNEL PROTECTION, TYPE A WITH AGGREGATE FILTER IN FRONT OF PROPOSED SHEET PILING PRIOR TO BACKFILLING WITH CLASS QC1 CONCRETE.
4. FUTURE BEAM SEAT, BACKWALL, AND WINGWALLS NOT SHOWN IN PLAN VIEWS FOR CLARITY.
5. HORIZONTALLY SPACE CONSTRUCTION JOINTS ARE PERMISSIBLE BUT THERE SHALL BE NO MORE THAN 2 PER ABUTMENT.
6. VERTICALLY SPACED CONSTRUCTION JOINTS ARE PERMISSIBLE AS APPROVED BY THE ENGINEER.

FINAL PAY QUANTITIES

REAR ABUTMENT
SHEET PILING – LENGTH X 15'

WALL CAP (ABUTMENT) – LENGTH X 4.0' X 1.5'/27

CONCRETE SHEET PILING BACKFILL – PILE LENGTH X 2.0' X 4.0'/27

CIP WALL (ASSUME WALL THICKNESS AVERAGE IS 12")
SHAFT VOLUME – (AREA X 1.0') + (FOOTING LENGTH X 4.0' X 1.0')

FOOTING VOLUME - FOOTING LENGTH X 2.0' X 1.0'

TOTAL VOLUMES/27=

FINAL PAY QUANTITIES

FORWARD ABUTMENT
SHEET PILING – LENGTH X 15'

WALL CAP (ABUTMENT) – LENGTH X 4.0' X 1.5'/27

CONCRETE SHEET PILING BACKFILL – PILE LENGTH X 2.0' X 4.0'/27

CIP WALL (ASSUME WALL THICKNESS AVERAGE IS 8")
SHAFT VOLUME – (AREA X 8/12) + (FOOTING LENGTH X 4.0' X 1.0')

FOOTING VOLUME - FOOTING LENGTH X 2.0' X 1.0'

WING WALL SHAFT – (LENGTH X 8/12 X ((490.5+494.0)/2 – 477.5)

WING WALL FOOTING - LENGTH X 1.0' X 2.0'

TOTAL VOLUMES/27=

45/56

Great Parks of Hamilton County

#	REVISION	DATE
		xx/xx/xx

GREAT PARKS OF HAMILTON COUNTY
PLANNING DIVISION
10245 Winton Road
Cincinnati, OH 45231
(513) 521-PARK GreatParks.org

LITTLE MIAMI SCENIC TRAIL
WALTON CREEK BRIDGE
PLAN MODIFICATIONS

DATE : 01/24/20

2/2