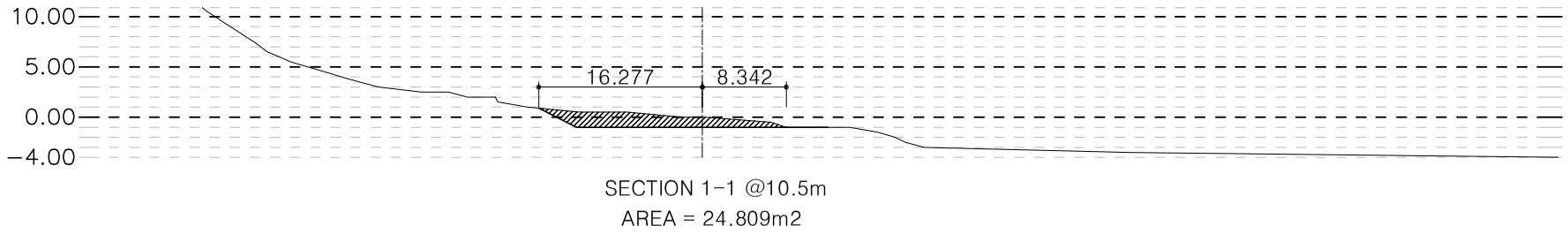
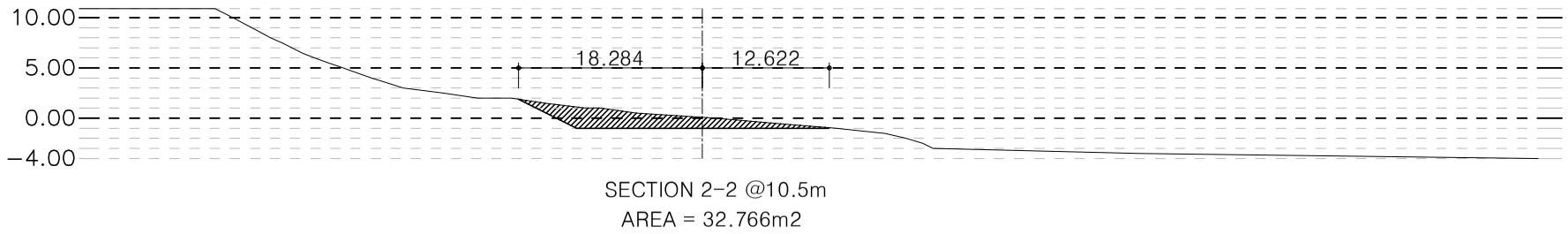
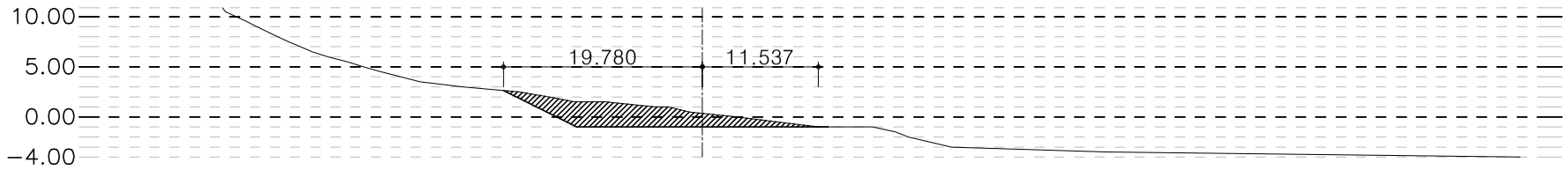
Cross Sectional View of Dredging Area



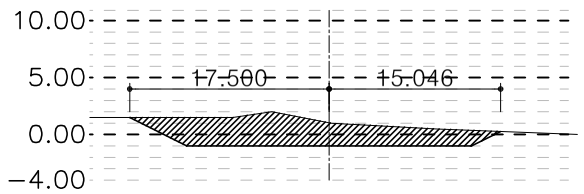
SECTION 1−1 @10.5m
AREA = 24.809m2



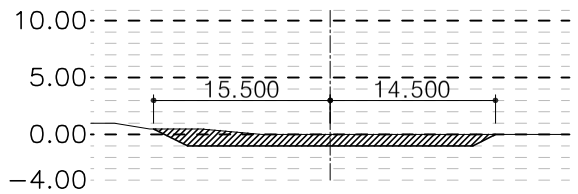
SECTION 2−2 @10.5m
AREA = 32.766m2



SECTION 3−3 @10.5m
AREA = 44.027m2



SECTION A−A @10.5m
AREA = 61.171m2



SECTION B−B @10.5m
AREA = 30.158m2

SECTION C−C @10.5m
AREA = 0.000m2

Volume calcuation by the prismoidal formular(Simpson's Rule)
Sections @ 10.500m centres − the end sections are taken as being of zero area, which is approximately correct in this case

Section	Area(m2)
End	0
1−1	24.809
2−2	32.766
3−3	44.027
End	0

The excavated volume is thus approximately:
V=(10.5/3)x(0+4x24.809+2x32.766+4x44.027+0)
=1193m3 approx. − conservatively take V as = 1200m3

SWT−MM−SW−20−04−Rev 0