

BIORETENTION PROJECT	RAMP A CELL QUANTITY (CY)
BIORETENTION PLANTING SOIL LAYER PLUS 3 INCH COVER	1216
COMPOSITION BY VOLUME	
5 PARTS SAND - CMS FINE AGGREGATE AS PER 703.20	
1 PART TOPSOIL - CMS 659.05	
2 PARTS COMPOST - CMS 659.06	
FINE AGGREGATE AS PER CMS 703.20	111
COARSE AGGREGATE SIZE NO. 78 PER 703.20	111
COARSE AGGREGATE SIZE NO. 57 PER 703.20	442
TOTAL CUBIC YARDS	1880

ITEM NO.	ITEM DESCRIPTION	UNITS	TOTAL QUANTITY
203	EXCAVATION, AS PER PLAN	CY	1768
601	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC	CY	13
601	BIORETENTION CELL	CY	1880
602	CONCRETE MASONRY	CY	0.27
605	4" UNCLASSIFIED PIPE UNDERDRAIN, AS PER PLAN	FT	530
611	4" CONDUIT, TYPE C	FT	96
611	15" CONDUIT, TYPE C	FT	44
611	CATCH BASIN, NO. 2-2B	EACH	1
659	SEEDING AND MULCHING	SY	1857
671	EROSION CONTROL MAT	SY	1857

ITEM NO.	ITEM DESCRIPTION	UNITS	TOTAL QUANTITY
203	EXCAVATION	CY	1564
204	EMBANKMENT	CY	459

625

620

615

610

605

600

595

590

585

580

PROP. CB-2-2B
 GRATE ELEV.: 604.00'
 STA. 865+46.34
 OFF. 69.04' RT.
 4" (S) = 599.00
 15" (N) = 598.00

2' BENCH

4:1

4:1

44'-15" TYPE C @ 2.27%

HW-2.1 OR 2.2
 FL ELEV.: 597.00'
 STA. 865+32.35
 OFF. 27.86' RT.

6' L x 4' W x 1.5' D
 RCP TYPE C WITH
 GEOTEXTILE FABRIC

D-510

P-510

HW-510

601.35

597.55

625

620

615

610

605

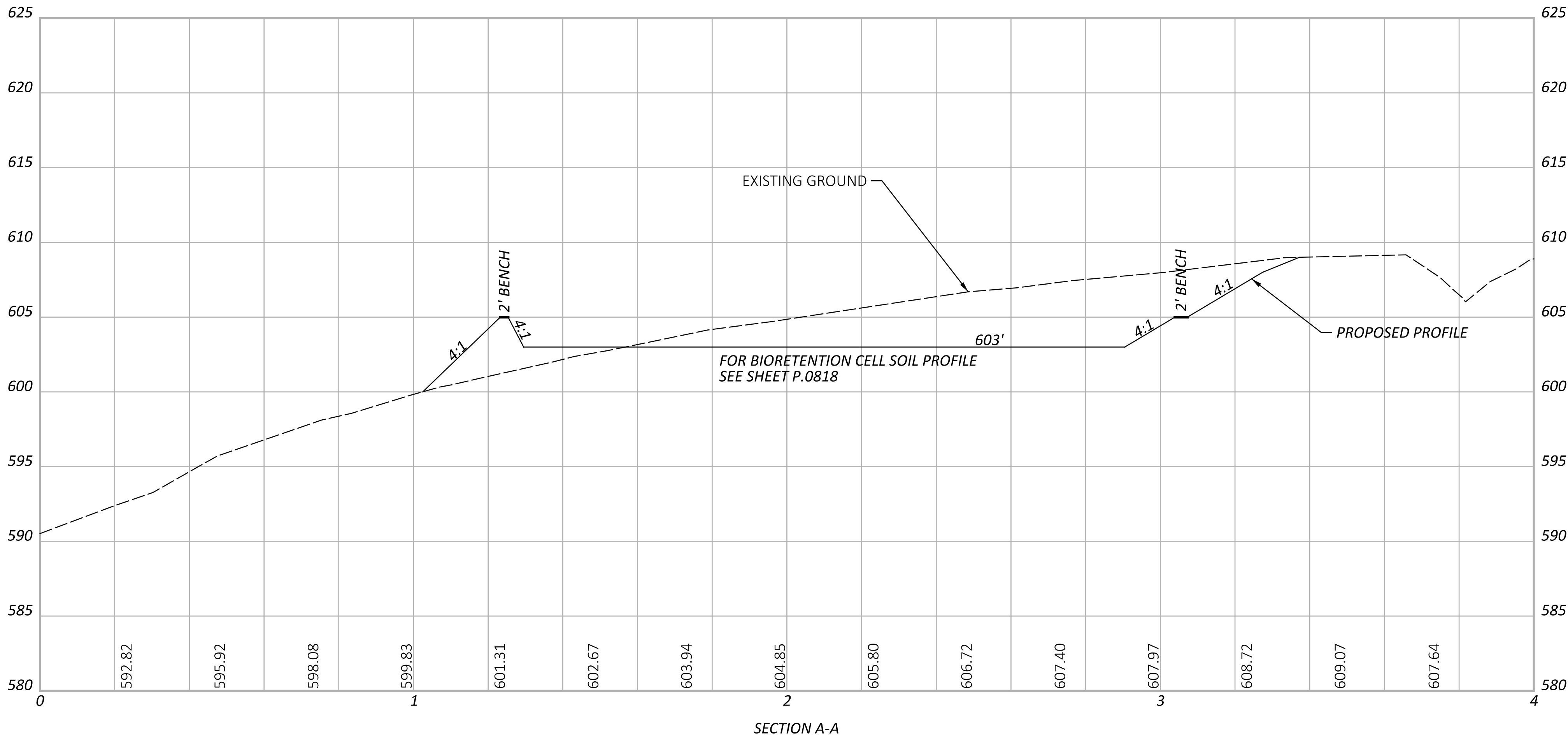
600

595

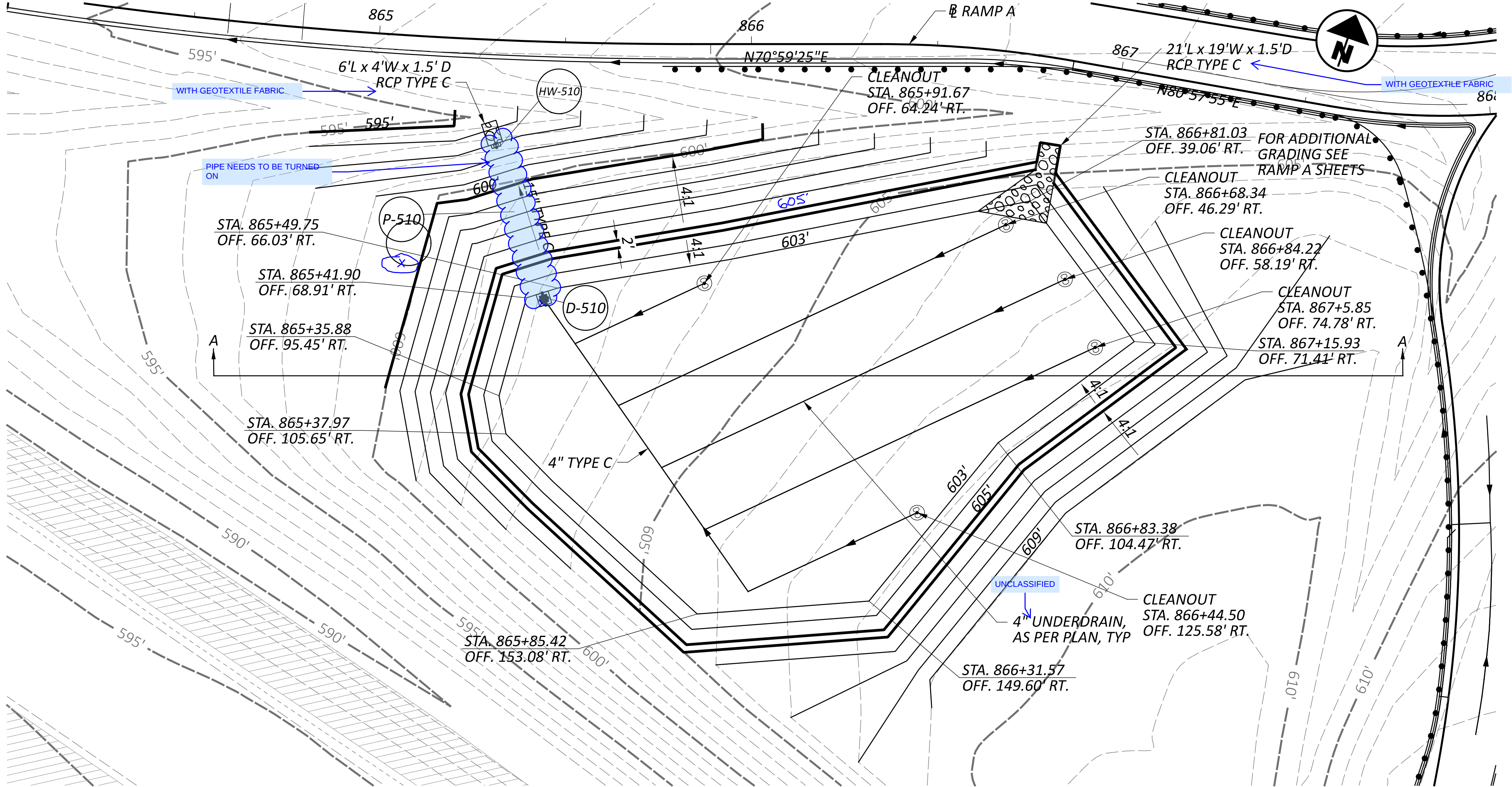
590

585

580



FOR ADDITIONAL BIORETENTION CELL DETAILS
AND NOTES SEE SHEETS P.0818 AND P.0822



HORIZONTAL
SCALE IN FEET



0

TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 2253
COLUMBUS, OHIO 43215

NLD

MHI 07/30/23

110570
CHEET TOTAL

SHEET TOTAL
D 0822 10

222 | 10