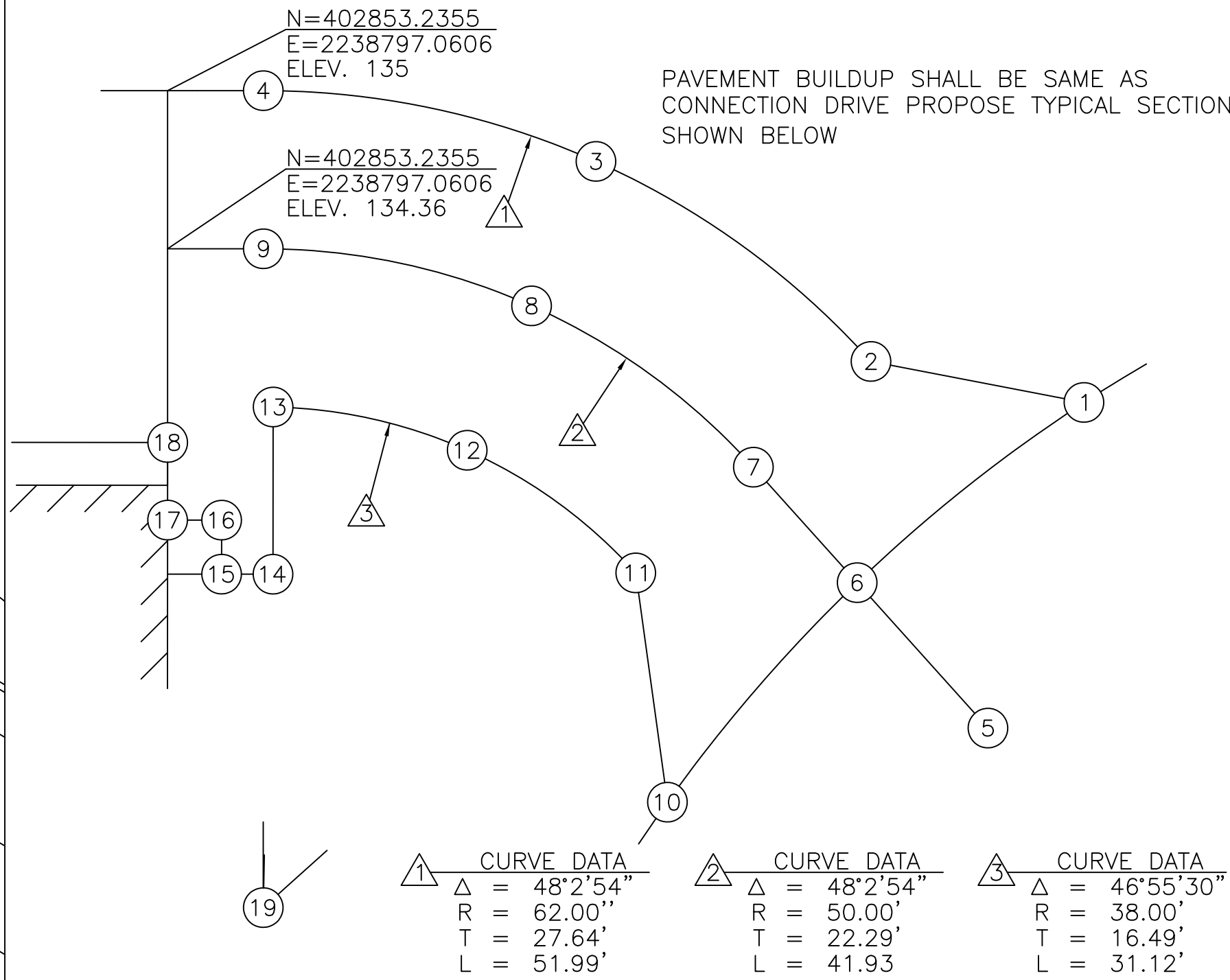
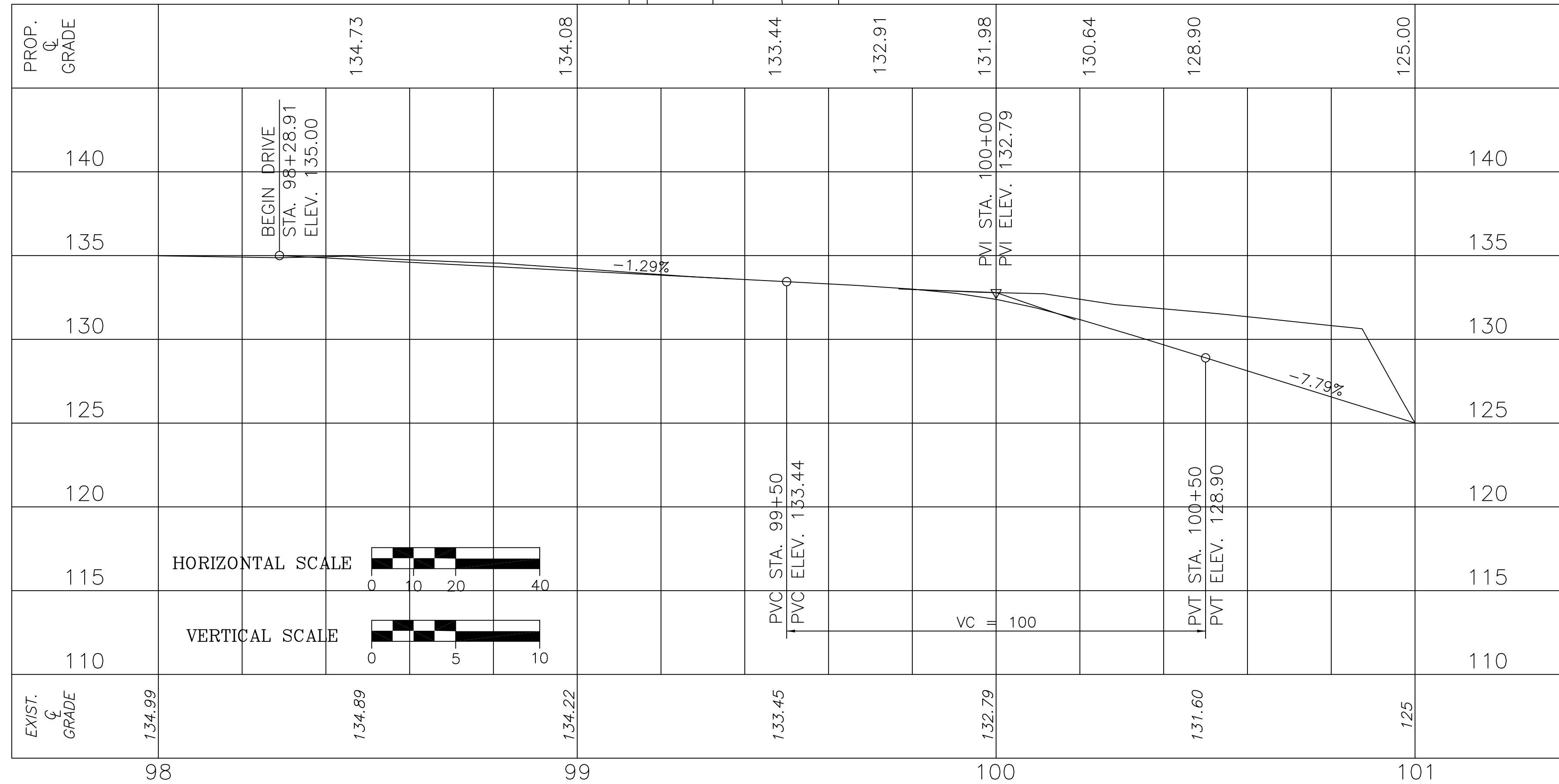
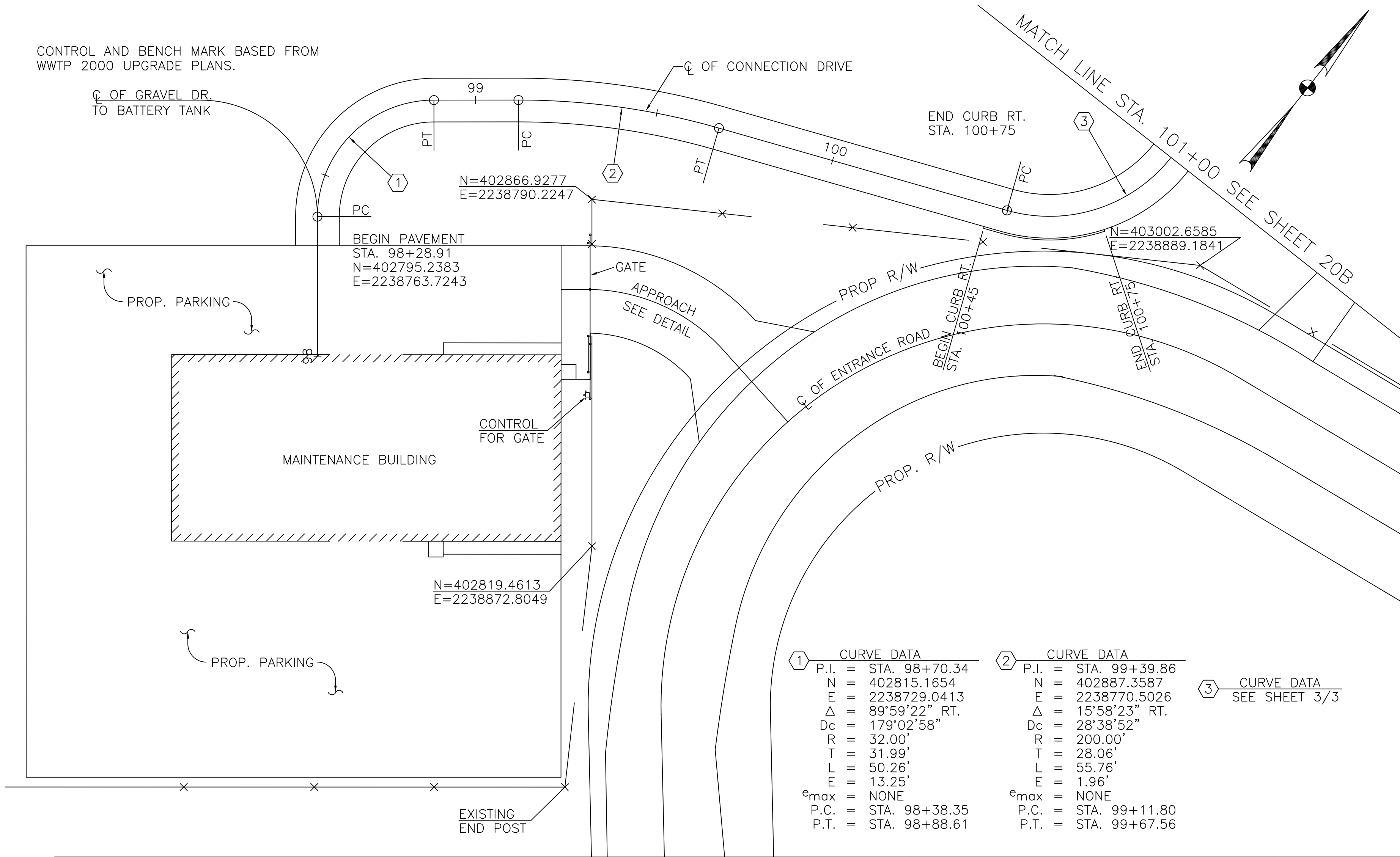
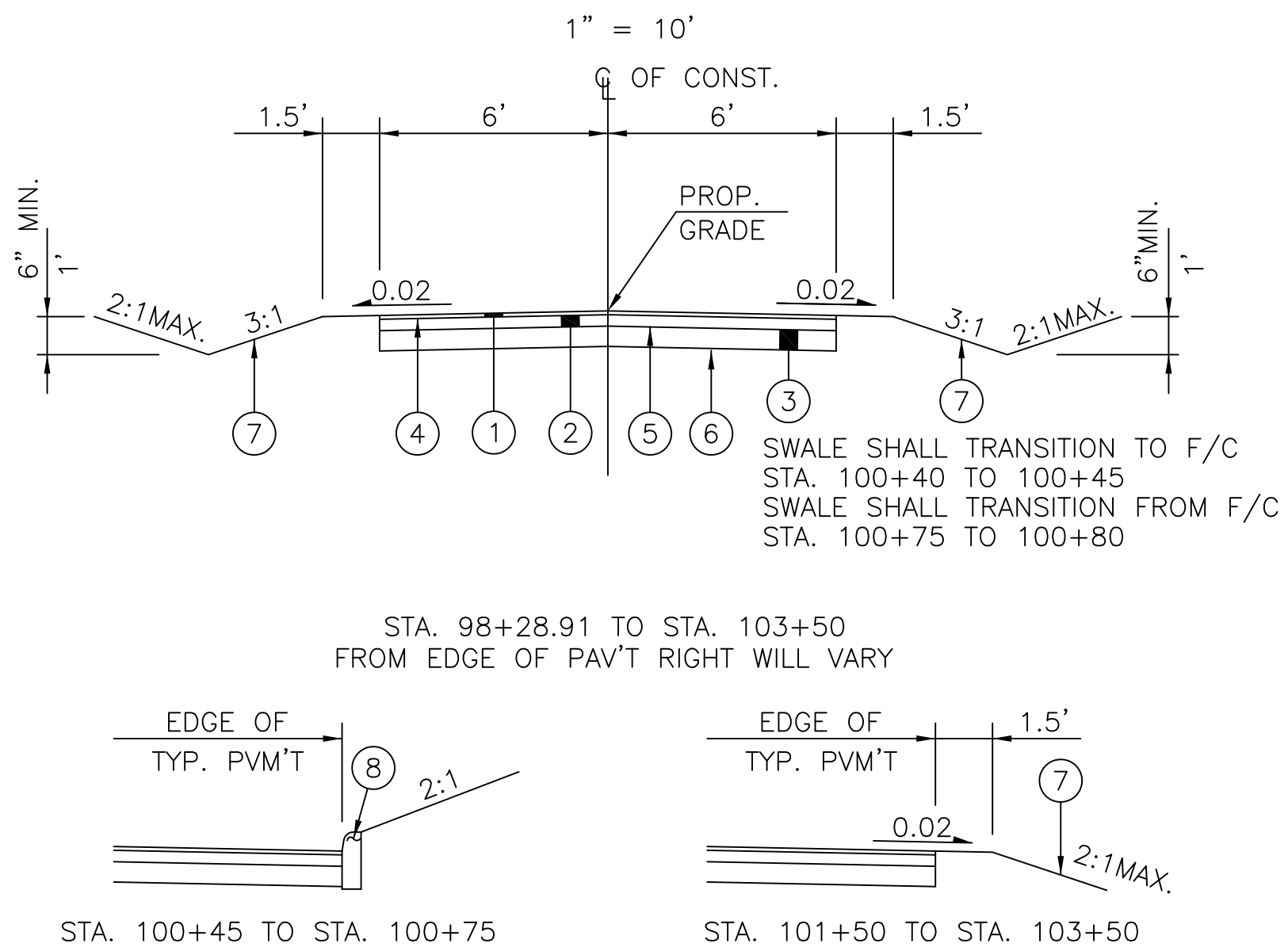


CONTROL AND BENCH MARK BASED FROM
WWTP 2000 UPGRADE PLANS.



REF.	NORTH	EAST	ELEVATION
1	402901.7227	2238852.2244	132.65
2	402889.2635	2238841.4753	133.18
3	402878.7367	2238817.9134	134.01
4	402859.5291	2238800.6782	134.84
5	402883.0923	2238870.0209	N/A
6	402879.9908	2238855.5063	132.90
7	402877.5285	2238843.9829	133.19
8	402869.0390	2238824.9813	133.74
9	402853.5491	2238811.0820	134.24
10	402859.2069	2238862.7749	134.38
11	402865.7934	2238846.4905	133.10
12	402859.5593	2238832.3514	133.66
13	402848.2112	2238821.8633	134.65
14	402841.8799	2238832.8606	134.75
15	402838.5000	2238830.8148	134.96
16	402840.5457	2238827.3615	134.92
17	402836.9925	2238825.3158	135.00
18	402839.9312	2238820.2113	134.94



- 1 - ITEM 404-1 1/2" ASPHALT CONCRETE
- 2 - ITEM 402-4 1/2" ASPHALT CONCRETE
- 3 - ITEM 304-8" AGGREGATE BASE
- 4 - ITEM 407-TACK COAT
- 5 - ITEM 408-PRIME COAT
- 6 - ITEM 203-SUBGRADE COMPACTION
- 7 - ITEM 659-SEEDING AND MULCHING
- 8 - ITEM 609-TYPE 6 CONCRETE CURB

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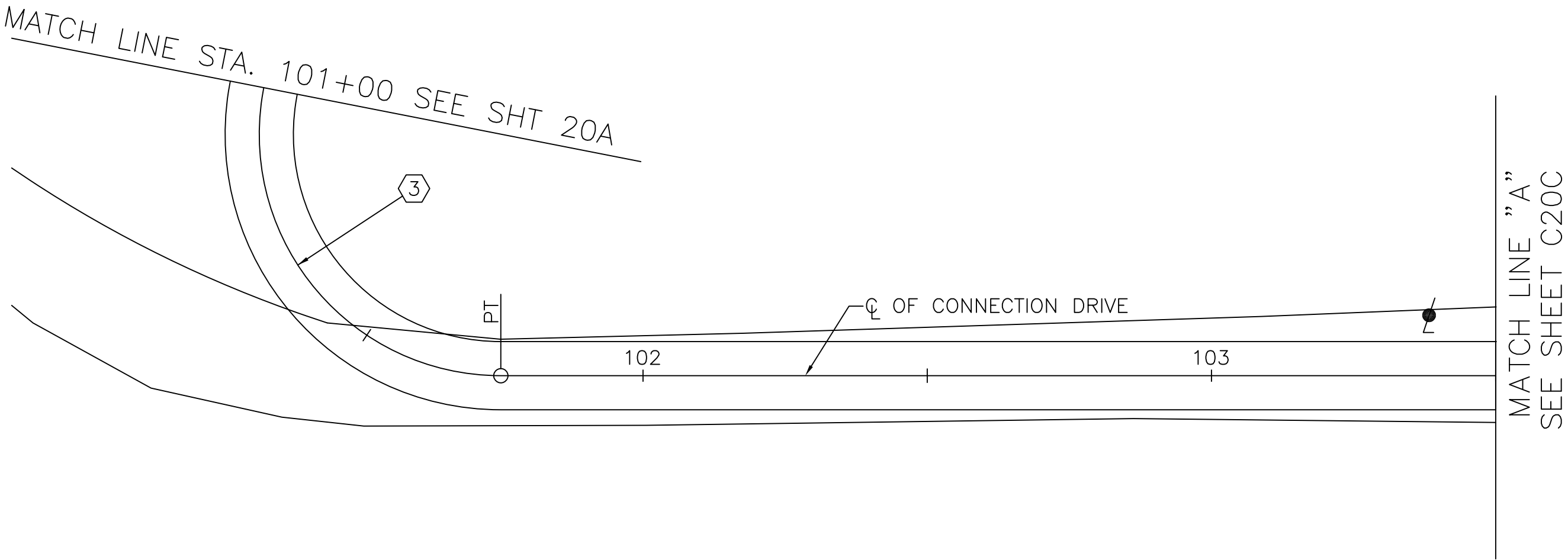
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NO.	DESCRIPTIONS	DATE	BY	APP'D
1	ADDENDUM NO. 2	10/18	AJP	WAD
2	RECORD DRAWING	12/15	RWR	WAD
CHECKED BY				
SDH				
APPROVED BY				
SDH				

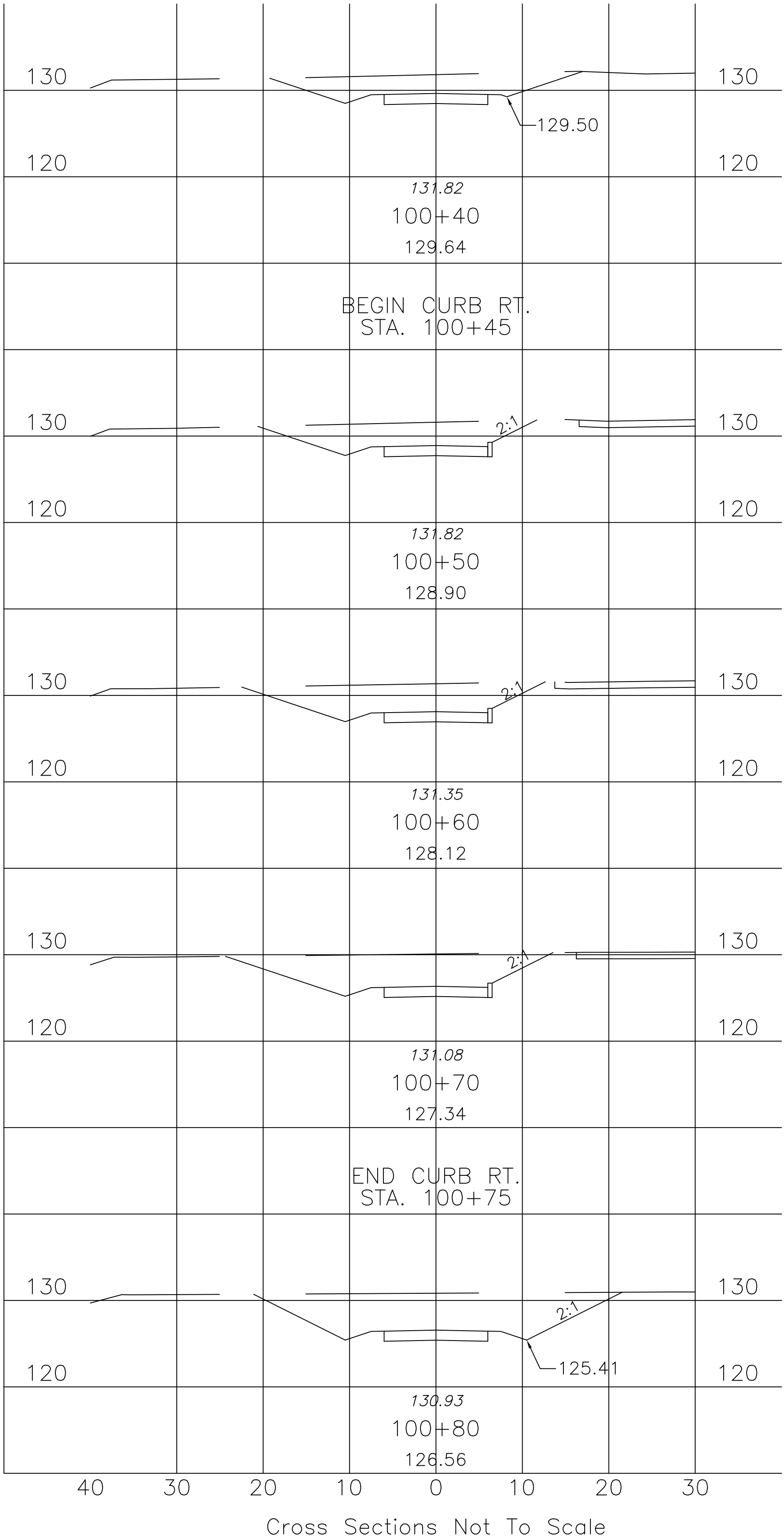
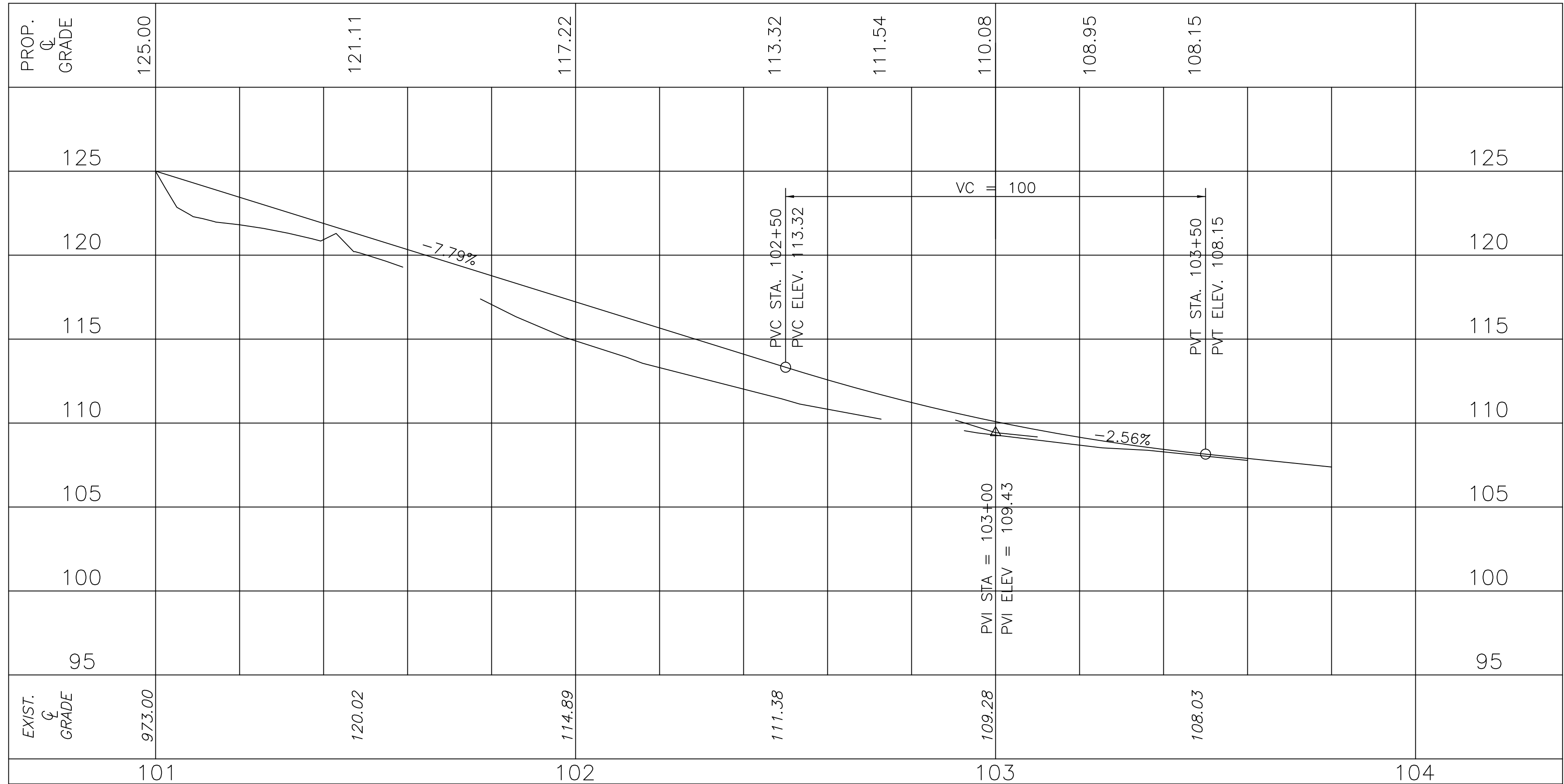
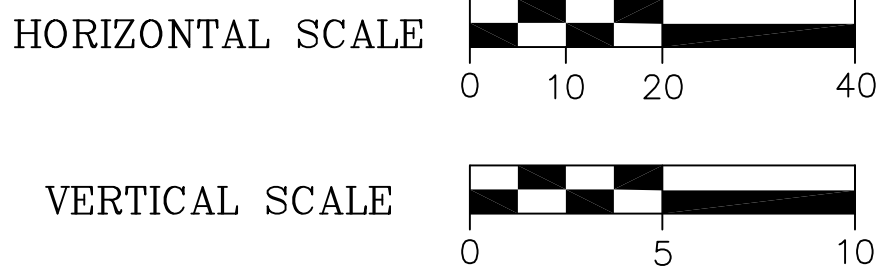
ENVIRONMENTAL, INC.
ENGINEERS IN WATER AND EARTH SCIENCES
UNIONTOWN, OHIO

CITY OF MASSILLON, OHIO
WWTP UPGRADE 2000
INTRAPLANT ACCESS ROAD (CART PATH)
PLAN & PROFILE

JOB NO. E9031
DATE 8/13/01
SCALE 1"=20'
SHEET C20A



③ CURVE DATA
P.I. = STA. 104+82.28
 Δ = 168°46'30" LT.
Dc = 134°48'49"
R = 42.50'
T = 432.48
E = 125.19
F = 392.06'
e_{max} = NONE
P.C. = STA. 100+49.80
P.T. = STA. 101+75.00



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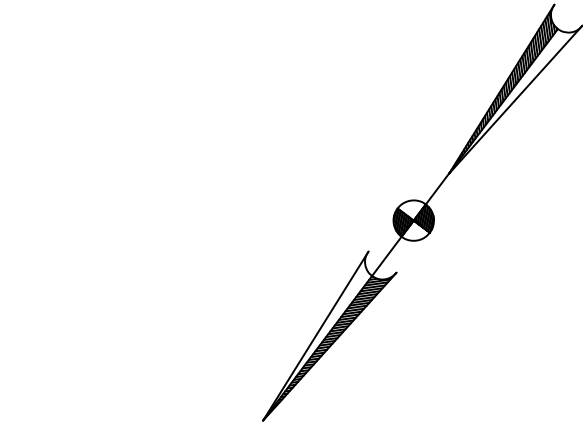
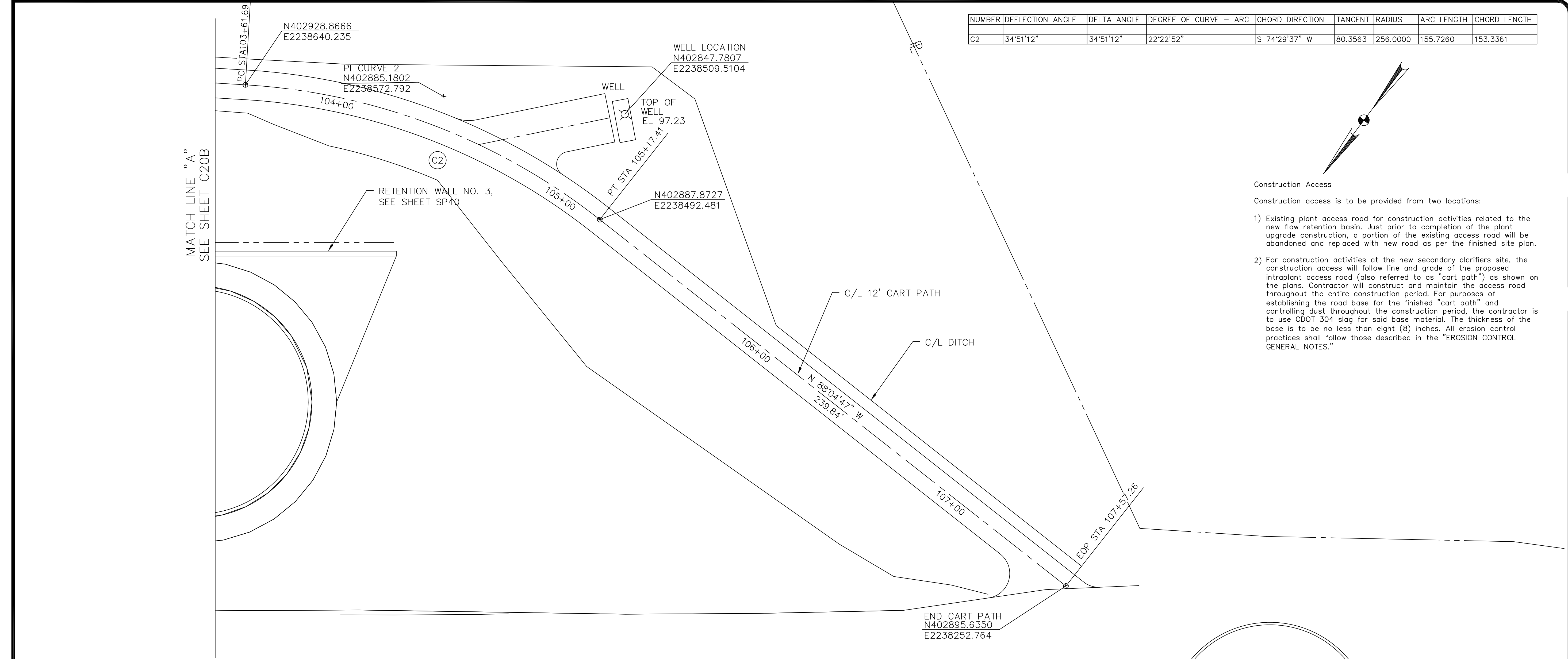
REVISIONS			
NO.	DESCRIPTIONS	DATE	BY
1	ADDENDUM NO. 2	10/18	A.P.
2	RECORD DRAWING	12/15	RWR
			WAD

DESIGNED BY	FPW
DRAWN BY	FPW
CHECKED BY	SDH
APPROVED BY	SDH

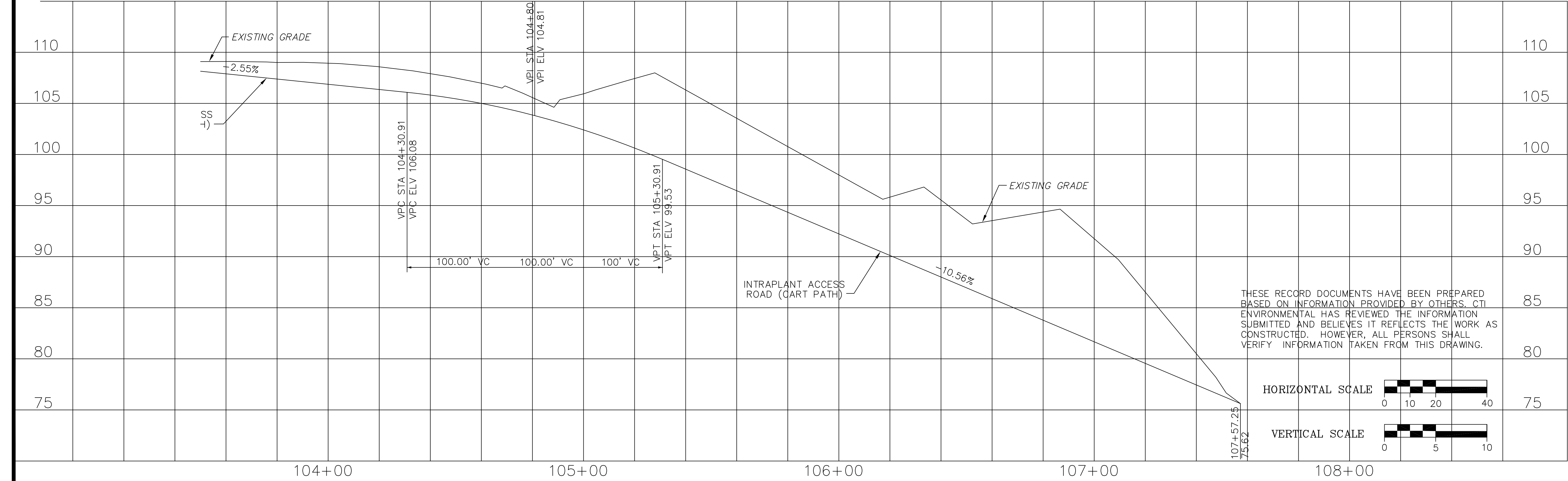
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ENGINEERS IN WATER AND EARTH SCIENCES
UNIONTOWN, OHIO

CITY OF MASSILLON, OHIO
WWTP UPGRADE 2000
INTRAPLANT ACCESS ROAD (CART PATH)
PLAN, PROFILE & SECTIONS

JOB NO. E9031
DATE 8/13/01
SCALE 1"=20'
SHEET C20B



- Construction Access
- Construction access is to be provided from two locations:
- Existing plant access road for construction activities related to the new flow retention basin. Just prior to completion of the plant upgrade construction, a portion of the existing access road will be abandoned and replaced with new road as per the finished site plan.
 - For construction activities at the new secondary clarifiers site, the construction access will follow line and grade of the proposed intraplant access road (also referred to as "cart path") as shown on the plans. Contractor will construct and maintain the access road throughout the entire construction period. For purposes of establishing the road base for the finished "cart path" and controlling dust throughout the construction period, the contractor is to use ODOT 304 slag for said base material. The thickness of the base is to be no less than eight (8) inches. All erosion control practices shall follow those described in the "EROSION CONTROL GENERAL NOTES."



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DESIGNED BY
AJP

DRAWN BY
AJP

CHECKED BY
WAD

APPROVED BY
WAD

REVISIONS			
NO.	DESCRIPTIONS	DATE	BY
1	ADDENDUM NO. 1	9/14	AJP
2	ADDENDUM NO. 2	9/21	AJP

ENVIRONMENTAL, INC.
ENGINEERS IN WATER AND EARTH SCIENCES
UNIONTOWN, OHIO

CTI

CITY OF MASSILLON, OHIO
WWTP UPGRADE 2000
INTRAPLANT ACCESS ROAD (CART PATH)
PLAN & PROFILE

JOB NO. E9031
DATE 9/21/01
SCALE AS SHOWN
SHEET C20C