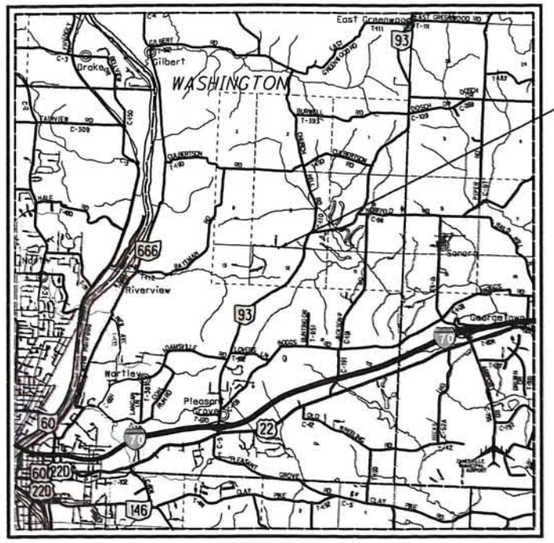
EASTPOINTE DRIVE ROAD IMPROVEMENTS

MUS-T.R.723

WASHINGTON TOWNSHIP

MUSKINGUM COUNTY



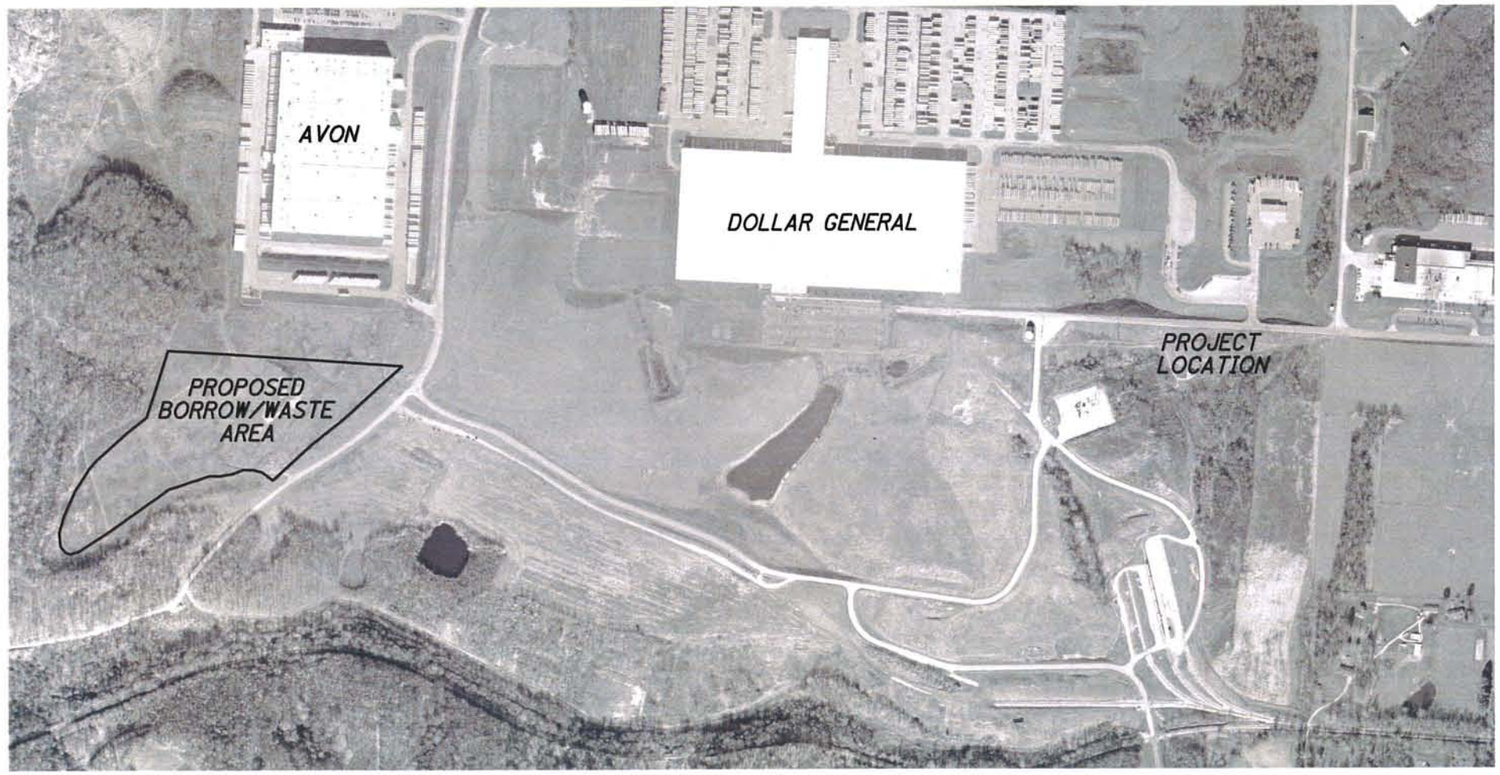
SCALE IN MILES

0 1 2 3 4

N

2016 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.



UNDERGROUND UTILITIES
CONTACT BOTH SERVICES CALL TWO WORKING DAYS BEFORE YOU DIG
CALL 1-800-362-2764 (TOLL FREE) OHIO UTILITIES PROTECTION SERVICE NON-MEMBERS MUST BE CALLED DIRECTLY
OIL & GAS PRODUCERS UNDERGROUND PROTECTION SERVICE CALL: 1-800-925-0988

ENGINEERS SEAL:

STATE OF OHIO
MARK J. EICHER
E-65010
REGISTERED
PROFESSIONAL ENGINEER

SIGNED: Mark J. Eicher

DATE: 8-6-18

STANDARD CONSTRUCTION DRAWINGS					SUPPLEMENTAL SPECIFICATIONS
BP-3.1 1/20/12					
MT-97.10 10/15/10					
MT-97.11 10/15/10					
MT-101.60 4/17/09					SPECIAL PROVISIONS

INDEX OF SHEETS:

TITLE SHEET	1
TYPICAL SECTIONS	2
ROADWAY PLAN	3
CROSS SECTIONS	4-10

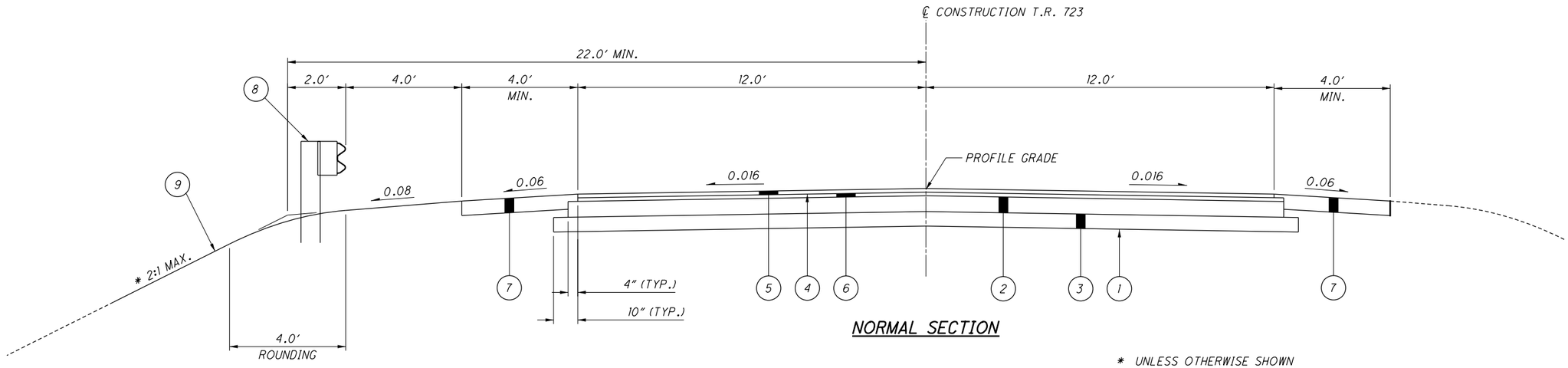
PLAN PREPARED BY:

Muskingum County ENGINEER'S OFFICE

Mark J. Eicher, P.E., P.S.
155 Rehl Road
Zanesville, Ohio 43701
740-454-0155

TITLE SHEET

MUS-T.R. 723

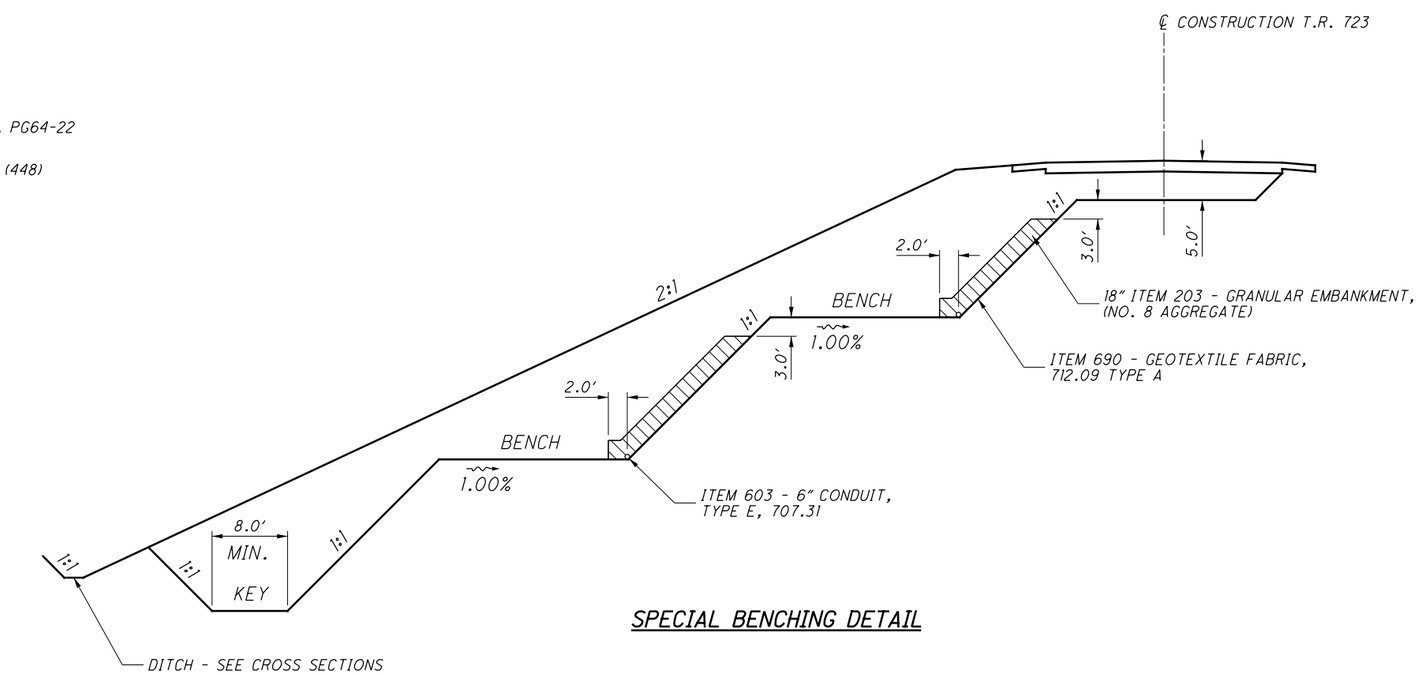


NORMAL SECTION

* UNLESS OTHERWISE SHOWN ON THE CROSS SECTIONS

LEGEND

1. ITEM 204 - SUBGRADE COMPACTION
2. ITEM 301 - 6″ ASPHALT CONCRETE BASE, PG64-22
3. ITEM 304 - 6″ AGGREGATE BASE
4. ITEM 407 - TACK COAT (@ 0.05 GAL./SY)
5. ITEM 441 - 1¼″ ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), PG64-22
6. ITEM 441 - 1¾″ ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (448)
7. ITEM 411 - 8″ STABILIZED CRUSHED AGGREGATE
8. ITEM 606 - GUARDRAIL REBUILT, TYPE 5
9. ITEM 659 - SEEDING AND MULCHING



SPECIAL BENCHING DETAIL

TYPICAL SECTIONS

MUS-T.R.723

END PROJECT
STA. 30+75.00

EXISTING 36" CONCRETE CULVERT

EXISTING WATERLINE NOT TO BE DISTURBED

BEGIN PROJECT
STA. 25+50.00

400.00'
ROADWAY REPAIR

24.00'

PREVIOUS CRACK IN PAVEMENT

REPLACE 300' OF GUARDRAIL

GRADED SHOULDER

SEE CROSS SECTIONS
FOR CONDUIT DETAILS

SEE CROSS SECTIONS
FOR CONDUIT DETAILS

CONSTRUCTION LIMITS

OUTLET
(55'x4'x1.5') ROCK CHANNEL
PROTECTION, TYPE D WITH
FABRIC FILTER

OUTLET
(45'x4'x1.5') ROCK CHANNEL
PROTECTION, TYPE D WITH
FABRIC FILTER

DUMPED ROCK FILL, TYPE C

CONSTRUCTION LIMITS

DITCH - ROCK CHANNEL
PROTECTION, TYPE D

DITCH - ROCK CHANNEL
PROTECTION, TYPE D

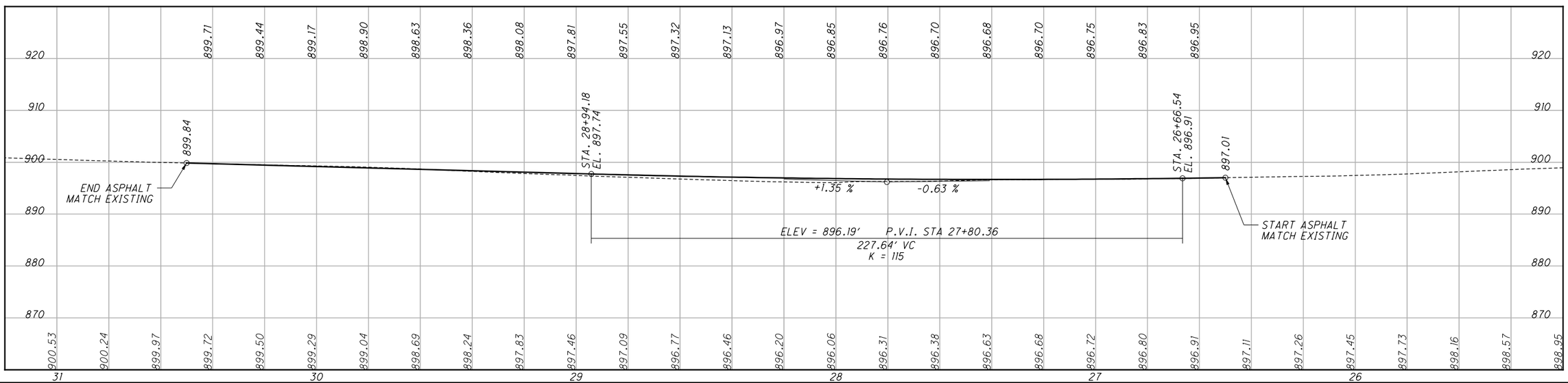
NOTE:

CONTRACTOR TO FIELD VERIFY GRAVITY SANITARY LINE AND
ADJUST BENCHING/CONDUIT ELEVATIONS AS DIRECTED BY
ENGINEER TO AVOID DAMAGING THE PIPE DURING COMPACTION.

EXISTING 36" CONCRETE CULVERT
OUTLET INV. EL. =847.29

EXISTING 18" METAL CULVERT
OUTLET INV. EL. =846.19

RE-GRADE DITCH TO DRAIN



HORIZONTAL
SCALE IN FEET

CALCULATED SEJ
CHECKED MJE

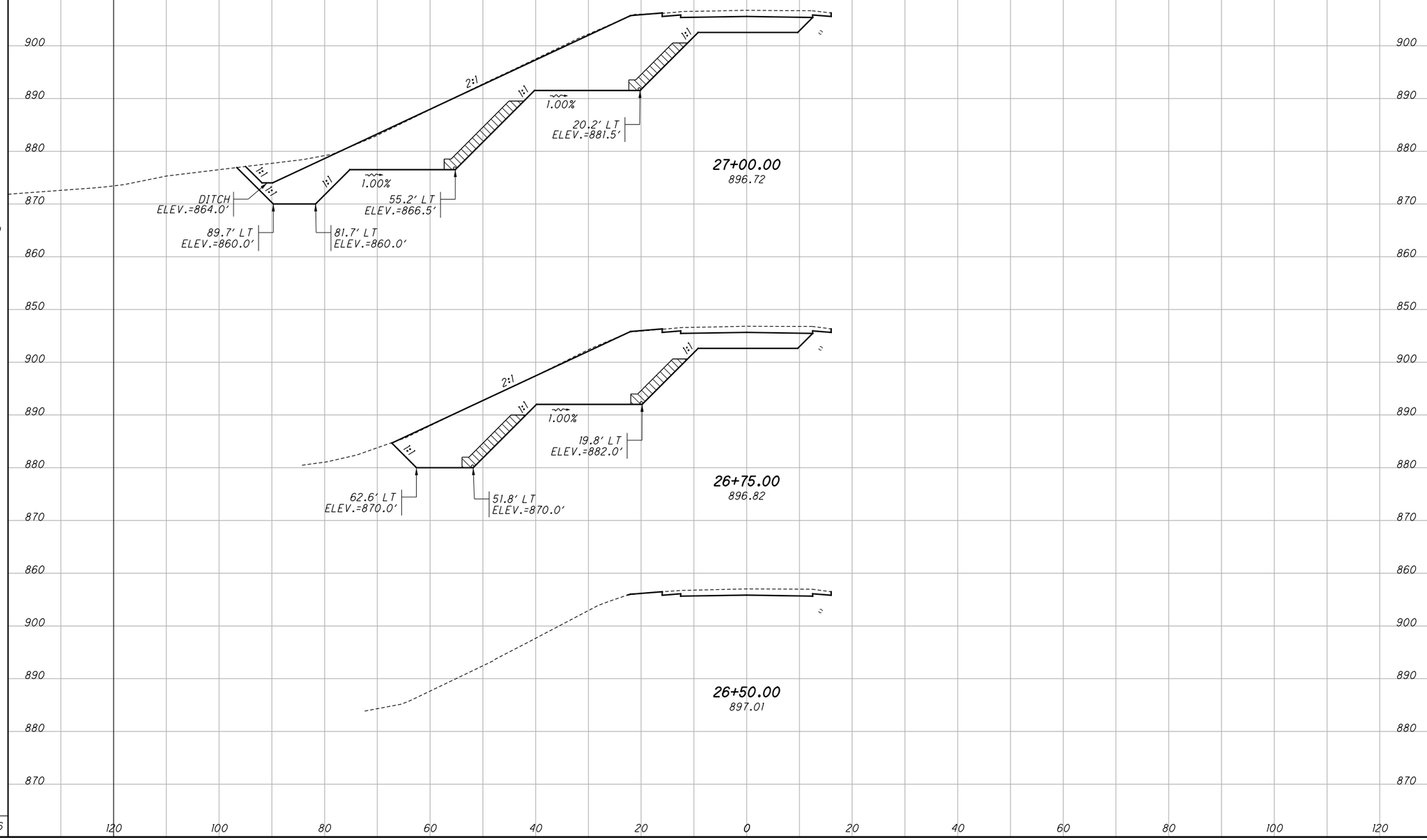
PLAN AND PROFILE - EAST POINTE DR
STA. 25+20 TO STA. 31+20

MUS-T.R.723

3
10

SEEDING		END AREA		VOLUME		
END WIDTH	SQ. YDS.	CUT	FILL	CUT	FILL	
87.31	199	787	710	629	558	27+00.00
55.98	87	572	495	281	229	26+75.00
	286			910	787	

ITEM 203 - GRANULAR EMBANKMENT



CALCULATED

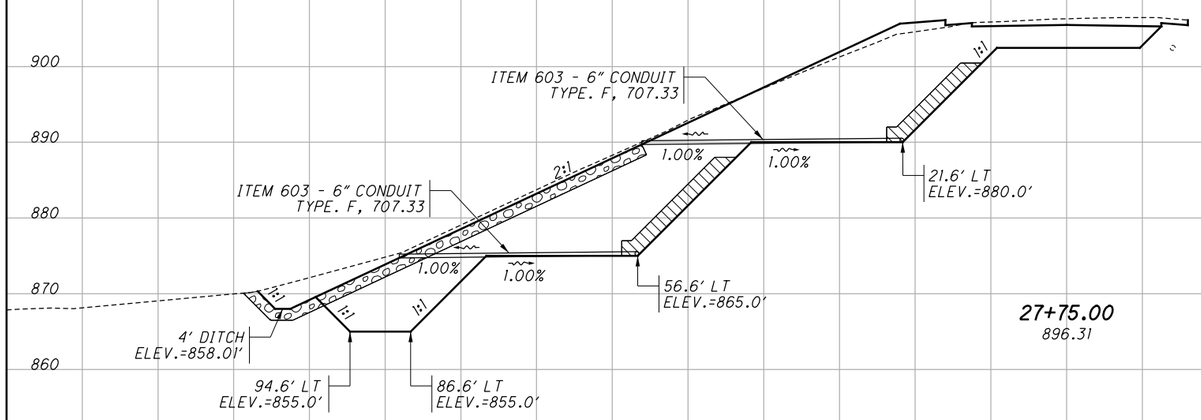
CHECKED

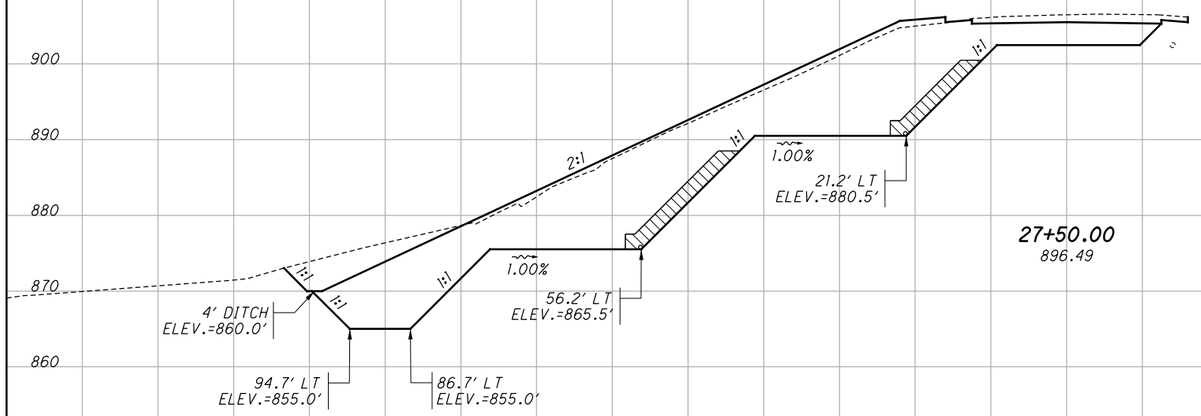
CROSS SECTIONS

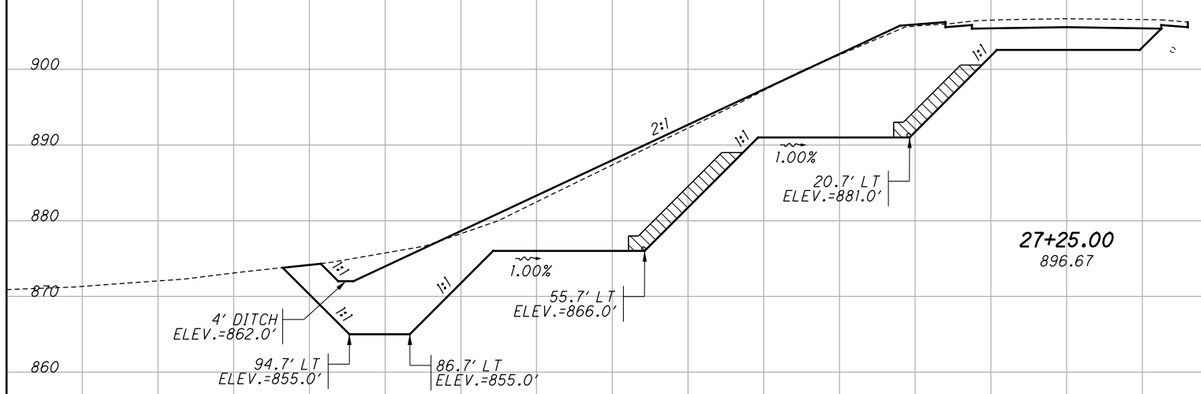
MUS-T.R.723

SEEDING END WIDTH	SEEDING SQ. YDS.	END AREA CUT	END AREA FILL	VOLUME CUT	VOLUME FILL
100.19	273	895	834	810	765
96.59	268	855	816	800	758
96.32	255	872	821	768	709
	796			2378	2232

ITEM 203 - GRANULAR EMBANKMENT







CALCULATED

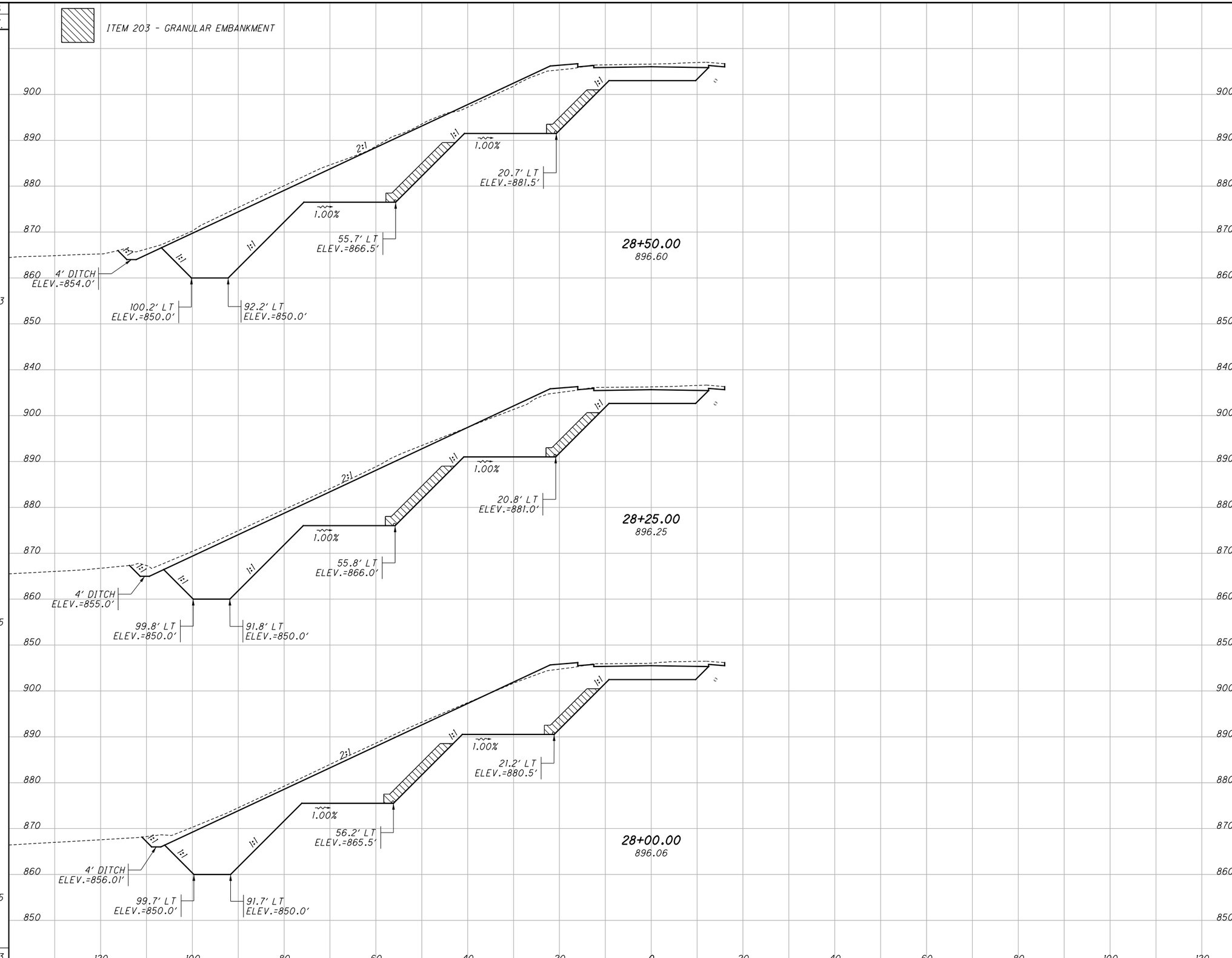
CHECKED

CROSS SECTIONS

MUS-T.R.723

5
10

SEEDING END WIDTH	SEEDING SQ. YDS.	END AREA CUT	END AREA FILL	VOLUME CUT	VOLUME FILL
110.45	303	964	903	892	835
107.78	295	964	900	899	839
104.71	285	978	910	867	808
	883			2658	2482



CALCULATED

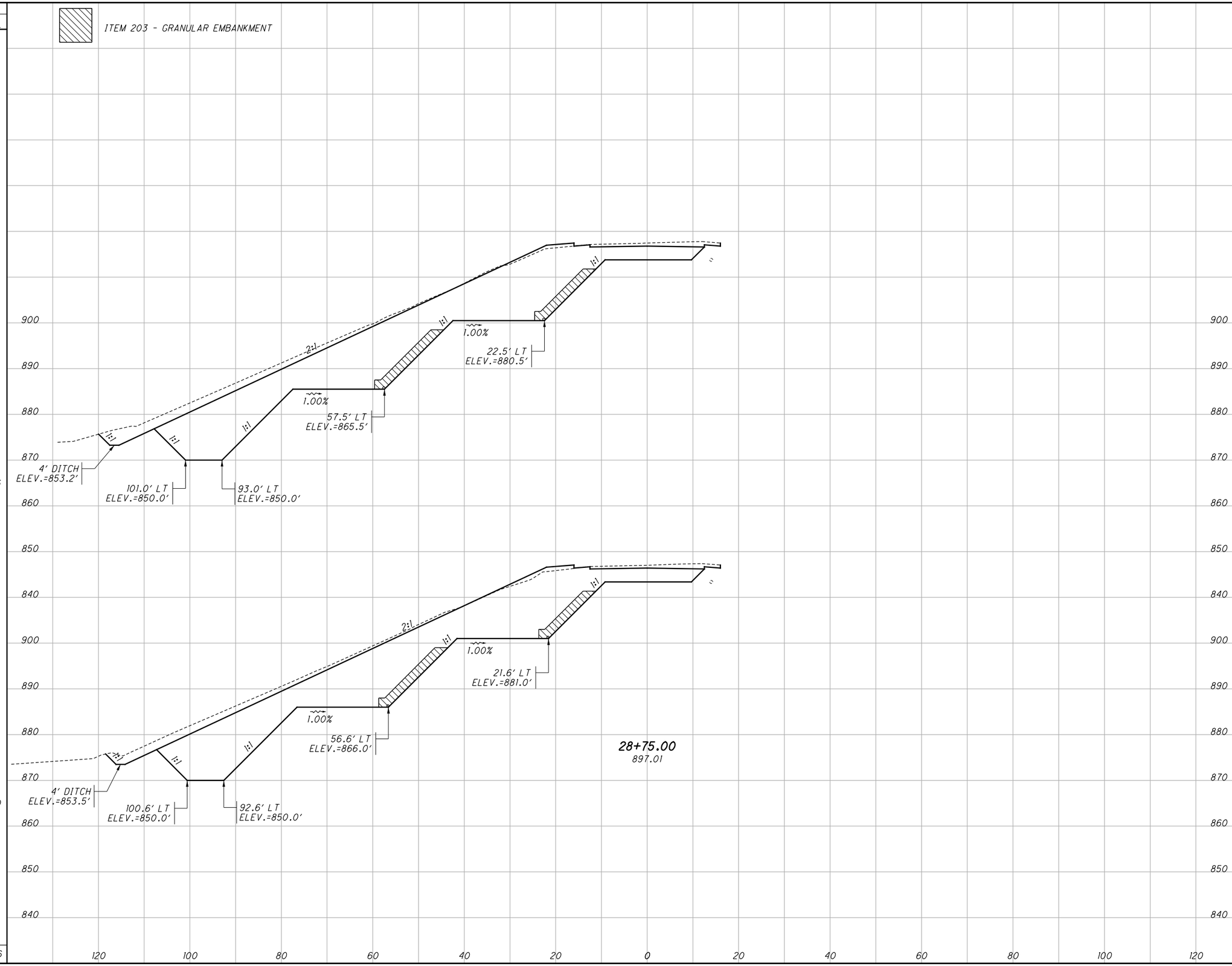
CHECKED

CROSS SECTIONS

MUS-T.R.723

6
10

SEEDING		END AREA		VOLUME		
END WIDTH	SQ. YDS.	CUT	FILL	CUT	FILL	
114.69	316	1061	990	960	897	
112.96	310	1013	946	915	857	
	626			1875	1754	



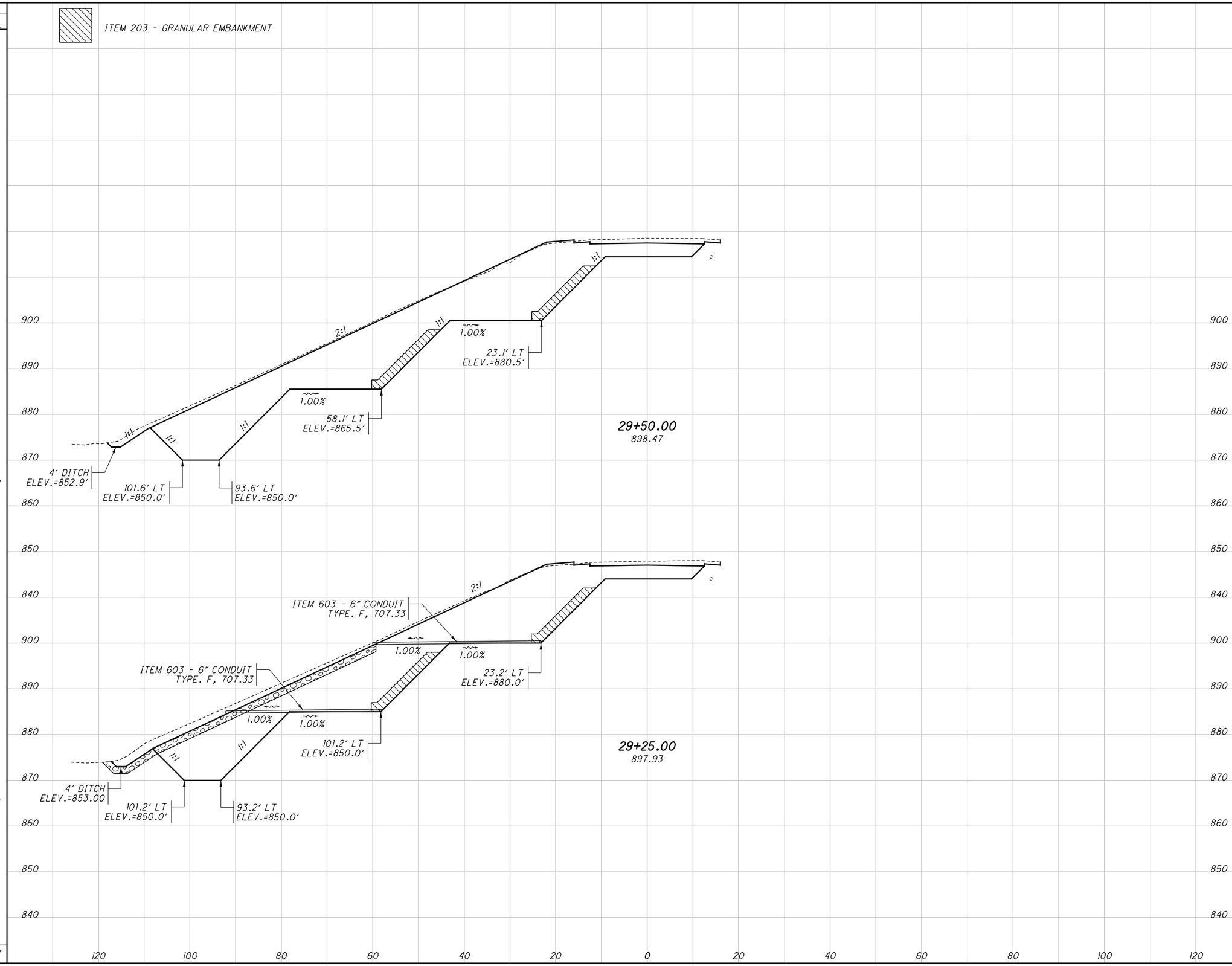
CALCULATED

CHECKED

CROSS SECTIONS

MUS-T.R.723

SEEDING		END AREA		VOLUME		
END WIDTH	SQ. YDS.	CUT	FILL	CUT	FILL	
112.73	312	1103	1031	1021	953	29+50.00
111.79	315	1103	1026	1002	934	29+25.00
	627			2023	1887	



CALCULATED

CHECKED

CROSS SECTIONS

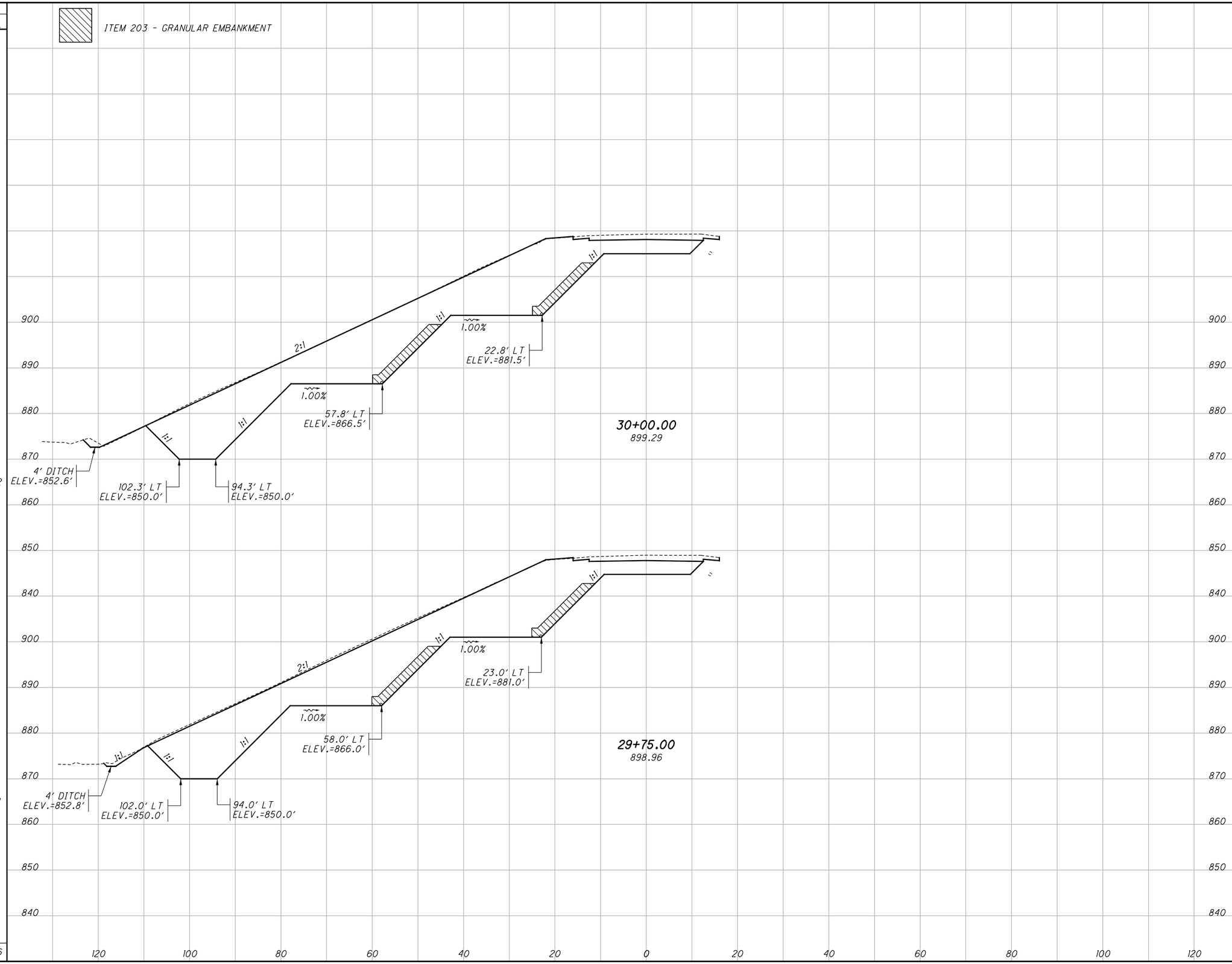
MUS-T.R.723

8
10

SEEDING		END AREA		VOLUME		
END WIDTH	SQ. YDS.	CUT	FILL	CUT	FILL	
118.13	322	1114	1036	1032	958	30+00.00
113.43	314	1110	1032	1025	956	29+75.00
	636			2057	3971	

CALCULATED

CHECKED

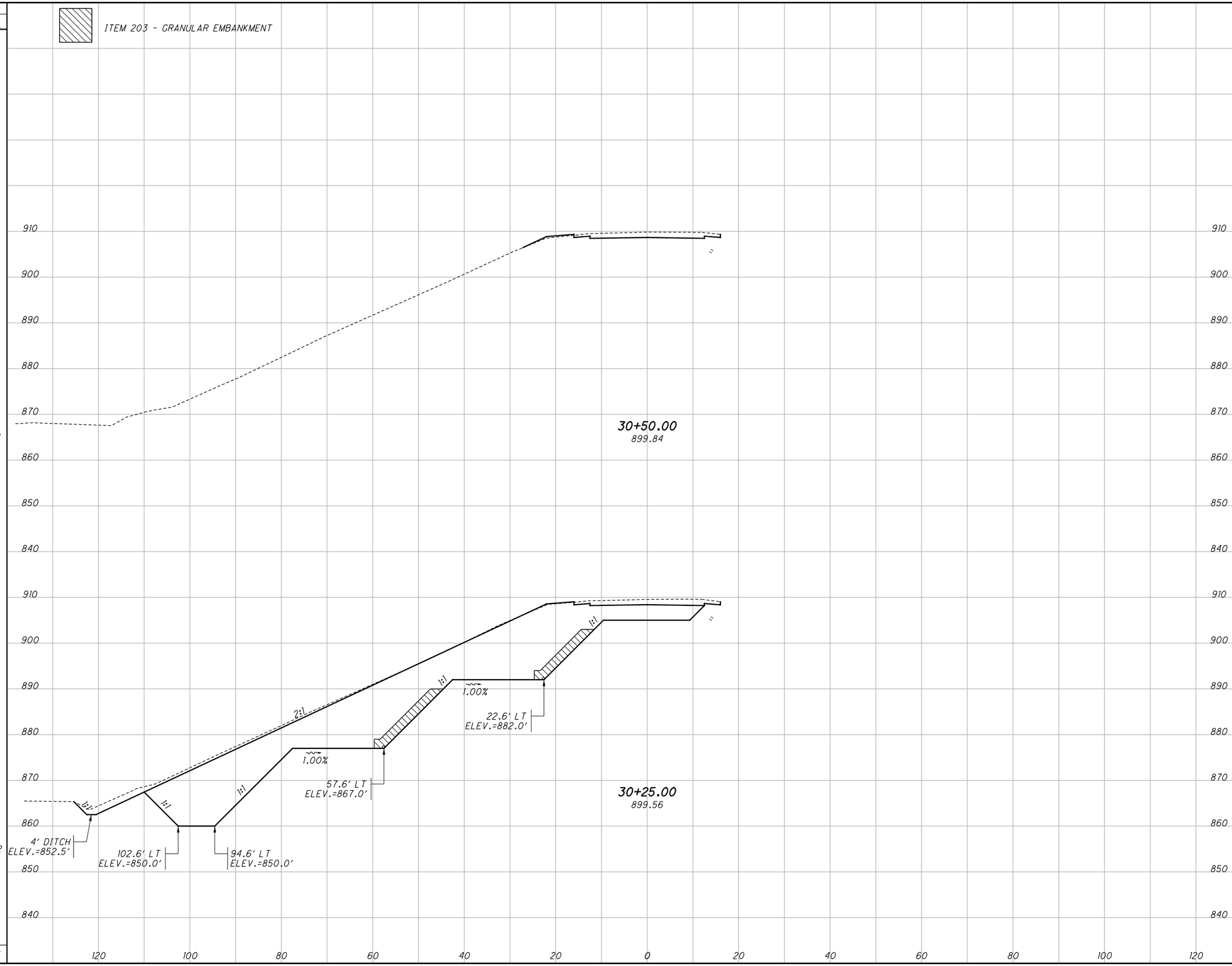


CROSS SECTIONS

MUS-T.R.723

9
10

SEEDING		END AREA		VOLUME		
END WIDTH	SQ. YDS.	CUT	FILL	CUT	FILL	
11.67	184	34	2	532	481	30+50.00
120.81	332	1114	1036	1033	960	30+25.00
	516			1565	1441	



CALCULATED

CHECKED

CROSS SECTIONS

MUS-T.R.723

10
10