

23_24_EO_ENE_CRC_AU_AMX_17_00	OTTOBRE 2023	SEZIONI TRASVERSALI CORRENTI	Domenico Pignatelli	Arch. Paola Pastore	Ing. Leonardo Filotico
N. ELABORATO	DATA EMISSIONE	DESCRIZIONE	ESEGUITO	CONTROLLATO	APPROVATO

**OGGETTO:**

Progetto dell'impianto eolico denominato "Serra della Croce" della potenza complessiva di 48 MW con storage da 50 MW da realizzare nei Comuni di Stigliano (MT) e Aliano (MT).

**COMMITTENTE:**

**KHAKY ENERGY S.r.l.**  
**Z.I. Lotto n.31**  
**74020 San Marzano di S.G. (TA)**

**TITOLO:**

**A.16.a ELABORATI GENERALI**  
**A.16.a.17**  
**Sezioni trasversali correnti**

**PROJETTO engineering s.r.l.**

società d'ingegneria

direttore tecnico

**Ph.D. Ing. LEONARDO FILOTICO**

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 Sede Operativa: Z.I. Lotto 31 74020 San Marzano di S.G. (TA)

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P.IVA: 02658050733



SOSTITUISCE:

SOSTITUITO DA:

**CARTA:**  
**A4**

**SCALA:**  
**1:200**

**ELAB.**  
**AMX.17**

NOME FILE  
 A.16.a.17

Progetto dell'impianto eolico denominato "Serra della Croce" della potenza complessiva di 48 MW con storage da 50 MW da realizzare nei Comuni di Stigliano (MT) e Aliano (MT).

## 1 ADEGUAMENTO VIABILITÀ ESISTENTE E DI NUOVA REALIZZAZIONE

Di seguito si riportano i calcoli dei volumi di scavo, rinterro ed esubero in riferimento agli interventi di adeguamento della viabilità esistente e di nuova realizzazione.

Tabella 1 | Determinazione volumi di scavo, rinterro ed esubero – Adeguamento viabilità esistente e di nuova realizzazione

1

### Strade asfaltate esistenti da adeguare

Lunghezza tratto (m)	7113
Area sezione di scavo (m <sup>2</sup> )	0,500
Area sezione di rinterro (m <sup>2</sup> )	0,200
Volume di scavo (m <sup>3</sup> )	3556,500
Volume reimpiegato (m <sup>3</sup> )	1422,600
Volume esubero (m <sup>3</sup> )	2133,900

### Strade di nuova realizzazione

Lunghezza tratto (m)	3490
Area sezione di scavo (m <sup>2</sup> )	2,500
Area sezione di rinterro (m <sup>2</sup> )	1,000
Volume di scavo (m <sup>3</sup> )	8725,000
Volume reimpiegato (m <sup>3</sup> )	3490,000
Volume esubero (m <sup>3</sup> )	5235,000

<b>TOTALE SCAVO</b>	<b>12281,500</b>
<b>TOTALE RINTERRO</b>	<b>4912,600</b>
<b>TOTALE ESUBERO</b>	<b>7368,900</b>

Progetto dell'impianto eolico denominato "Serra della Croce" della potenza complessiva di 48 MW con storage da 50 MW da realizzare nei Comuni di Stigliano (MT) e Aliano (MT).

## 2 ALLARGAMENTI STRADALI (RAGGI DI CURVATURA)

Di seguito si riportano i calcoli dei volumi di scavo, rinterro ed esubero in riferimento agli interventi di allargamento in curva della sede stradale esistente al fine di consentire il trasporto eccezionale dei componenti di cantiere.

Tabella 2 | Determinazione volumi di scavo, rinterro ed esubero – Adeguamento viabilità esistente e di nuova realizzazione

2

<b>Allargamenti stradali per viabilità cantiere</b>	
Superficie allargamenti (m <sup>2</sup> )	10598,000
Profondità scavo (m)	0,5
Volume di scavo (m <sup>3</sup> )	5299,000
Profondità rinterro (m)	0,2
Volume reimpiegato (m <sup>3</sup> )	2119,600
Volume esubero (m <sup>3</sup> )	3179,400

<b>TOTALE SCAVO</b>	<b>5299,000</b>
<b>TOTALE RINTERRO</b>	<b>2119,600</b>
<b>TOTALE ESUBERO</b>	<b>3179,400</b>

Progetto dell'impianto eolico denominato "Serra della Croce" della potenza complessiva di 48 MW con storage da 50 MW da realizzare nei Comuni di Stigliano (MT) e Aliano (MT).

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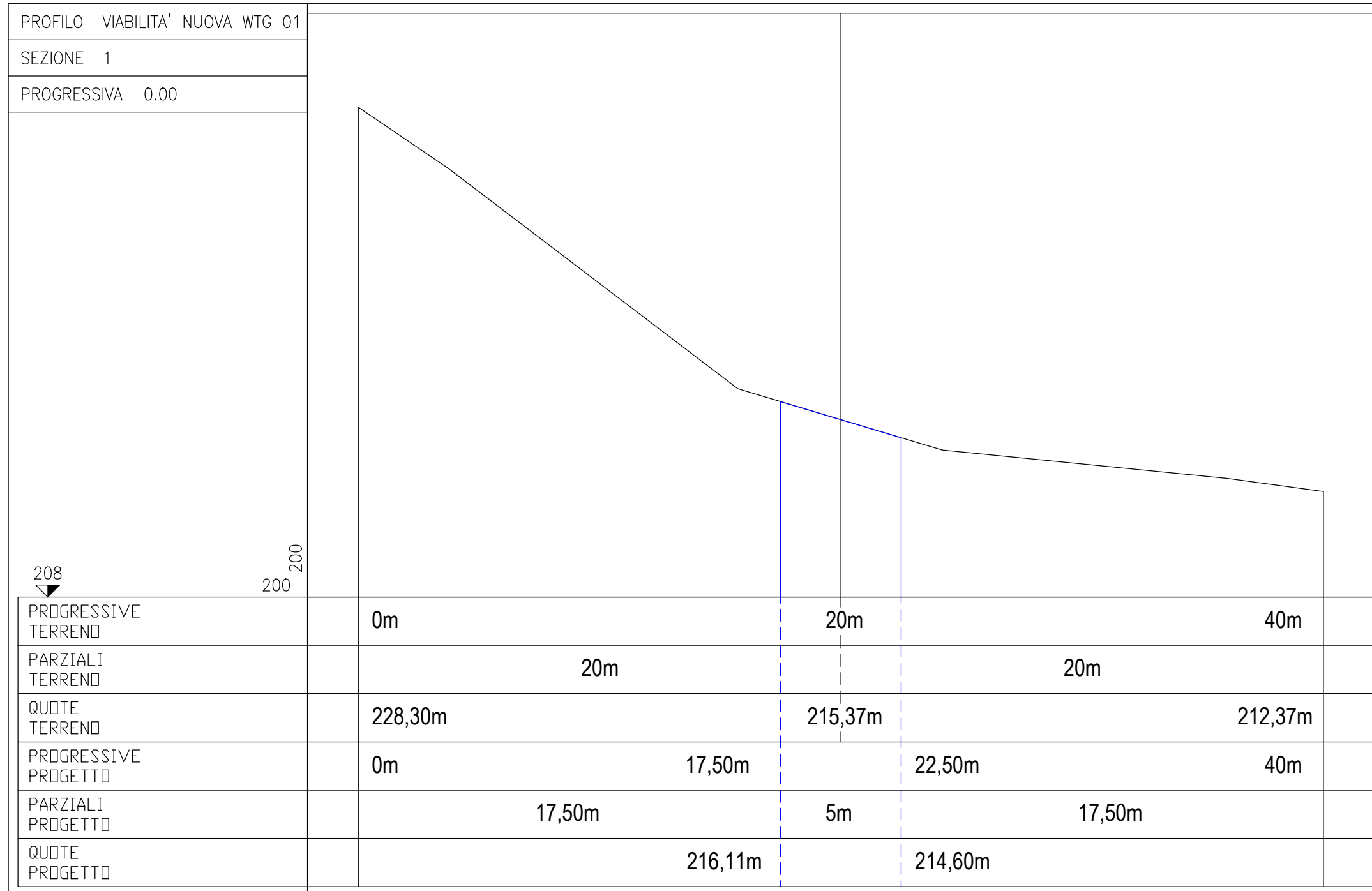
### Sezioni delle sedi stradali di accesso al parco

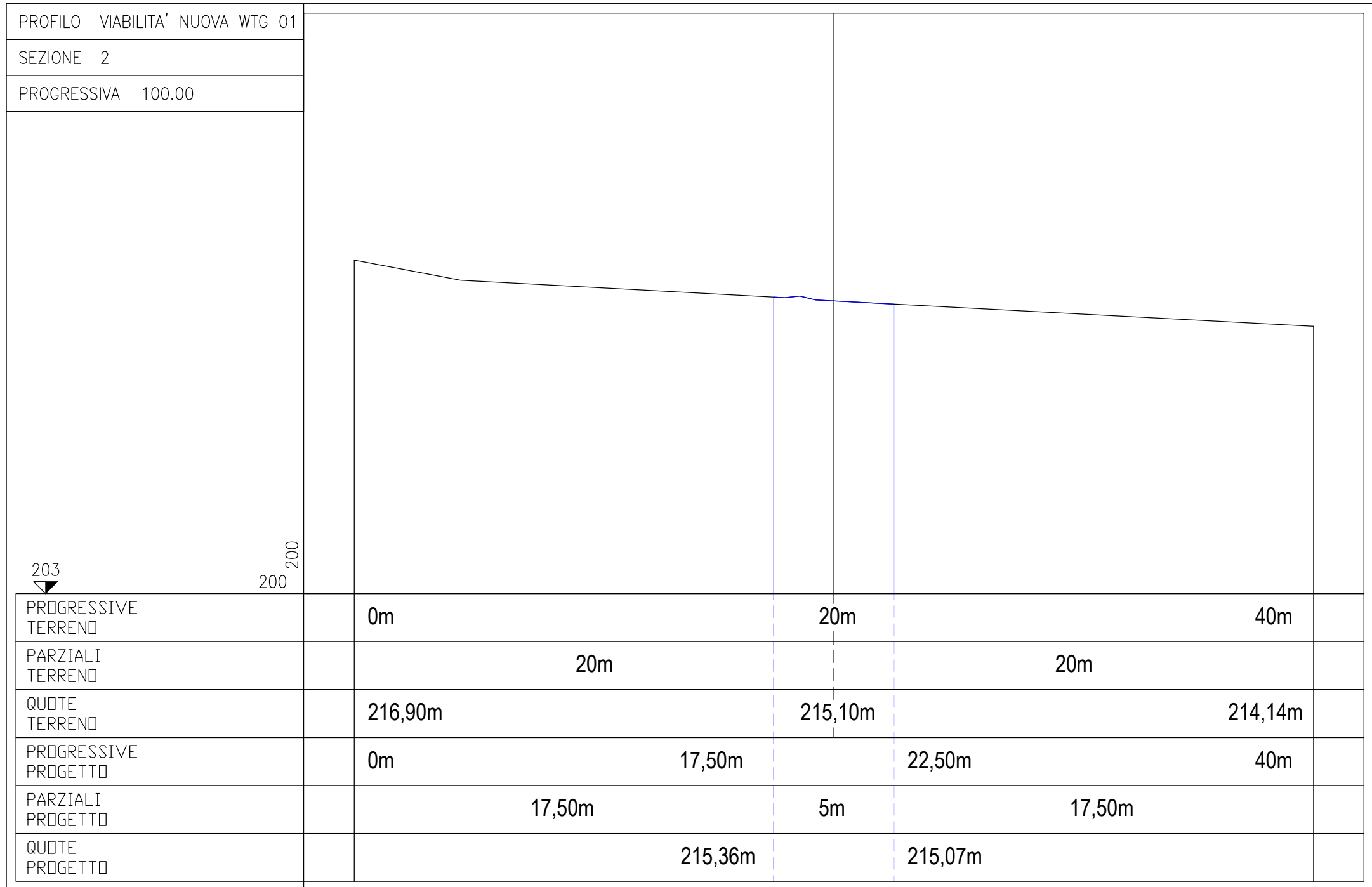
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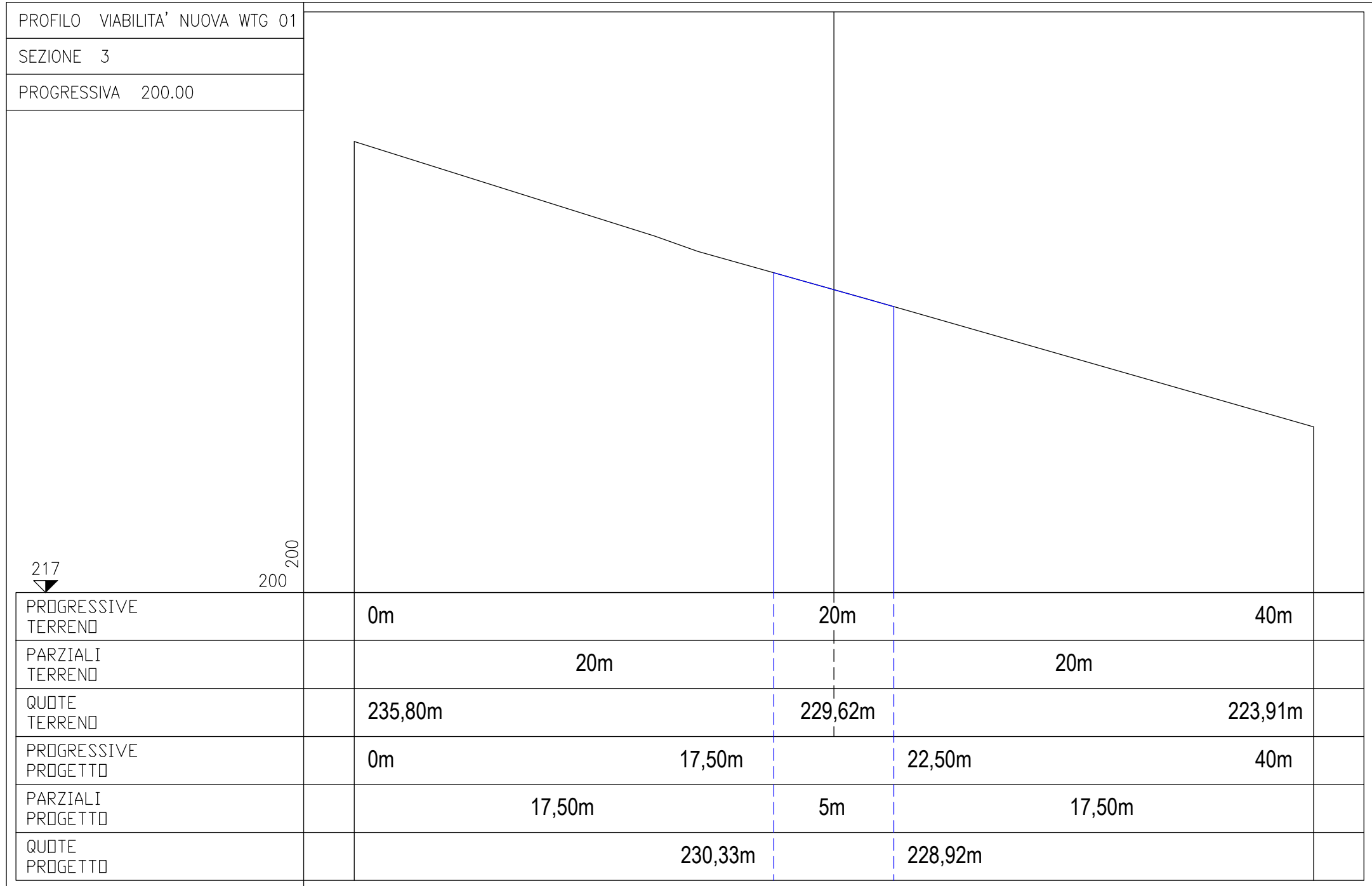
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- A.16.a.13.b;
- A.16.a.13.c;
- A.16.a.13.d;
- A.16.a.13.e;
- A.16.a.13.f;
- A.16.a.13.g;
- A.16.a.13.h;
- A.16.a.13.i;
- A.16.a.13.j;
- A.16.a.13.k;
- A.16.a.13.l;
- A.16.a.13.m;
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- A.16.a.13.o;
- A.16.a.13.p;
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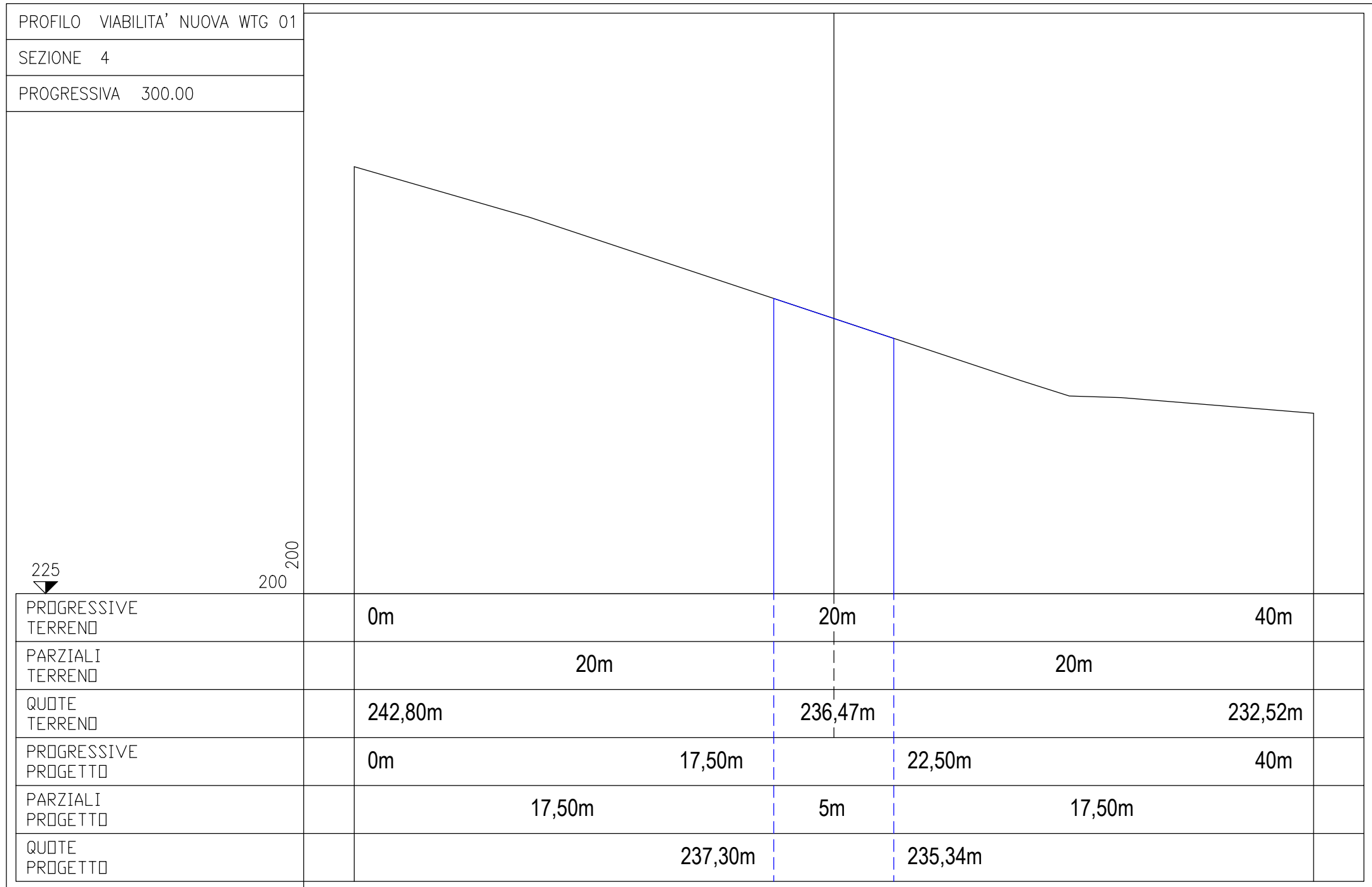
3

# Viabilità di nuova realizzazione wtg 01

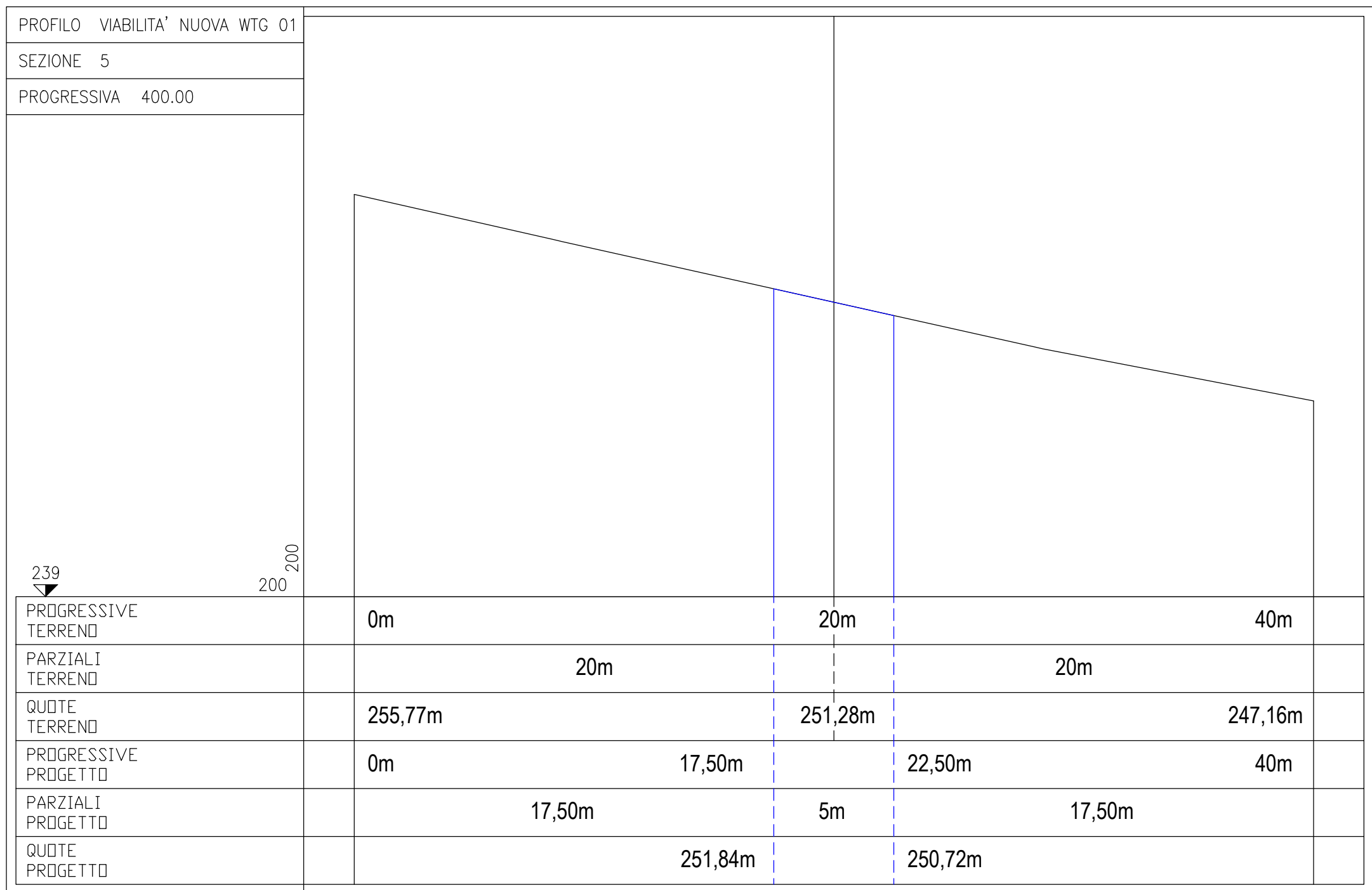


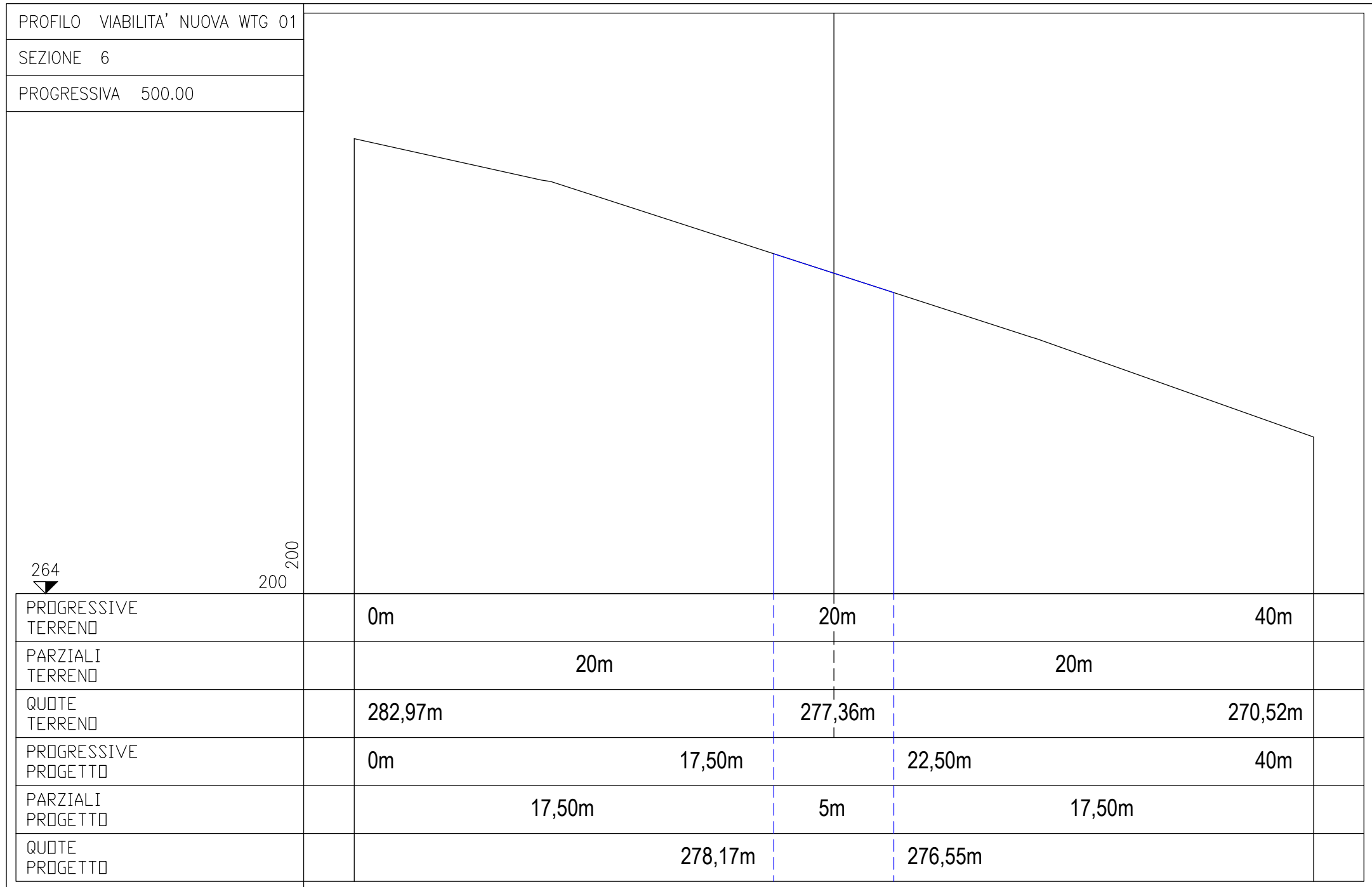


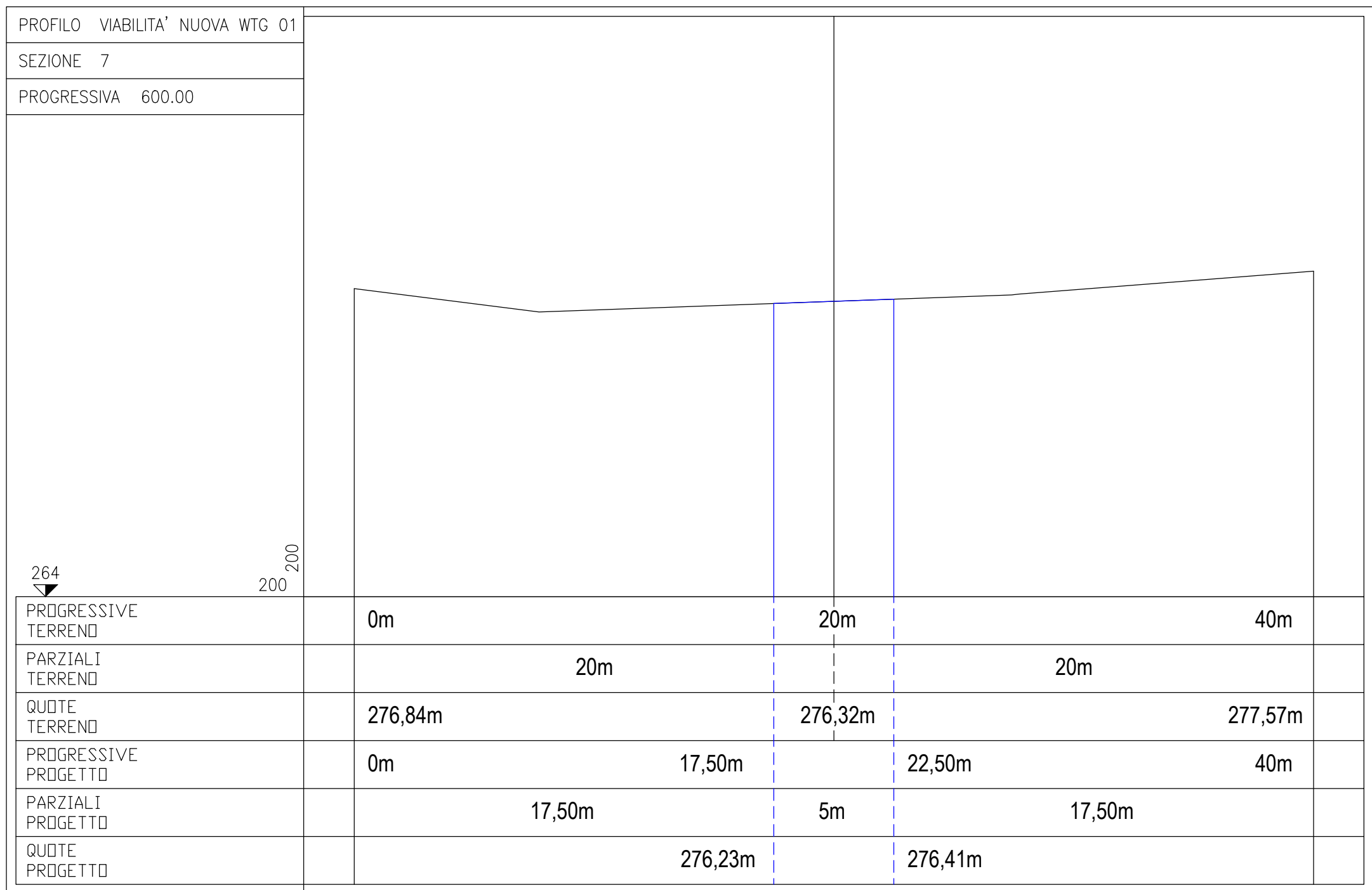


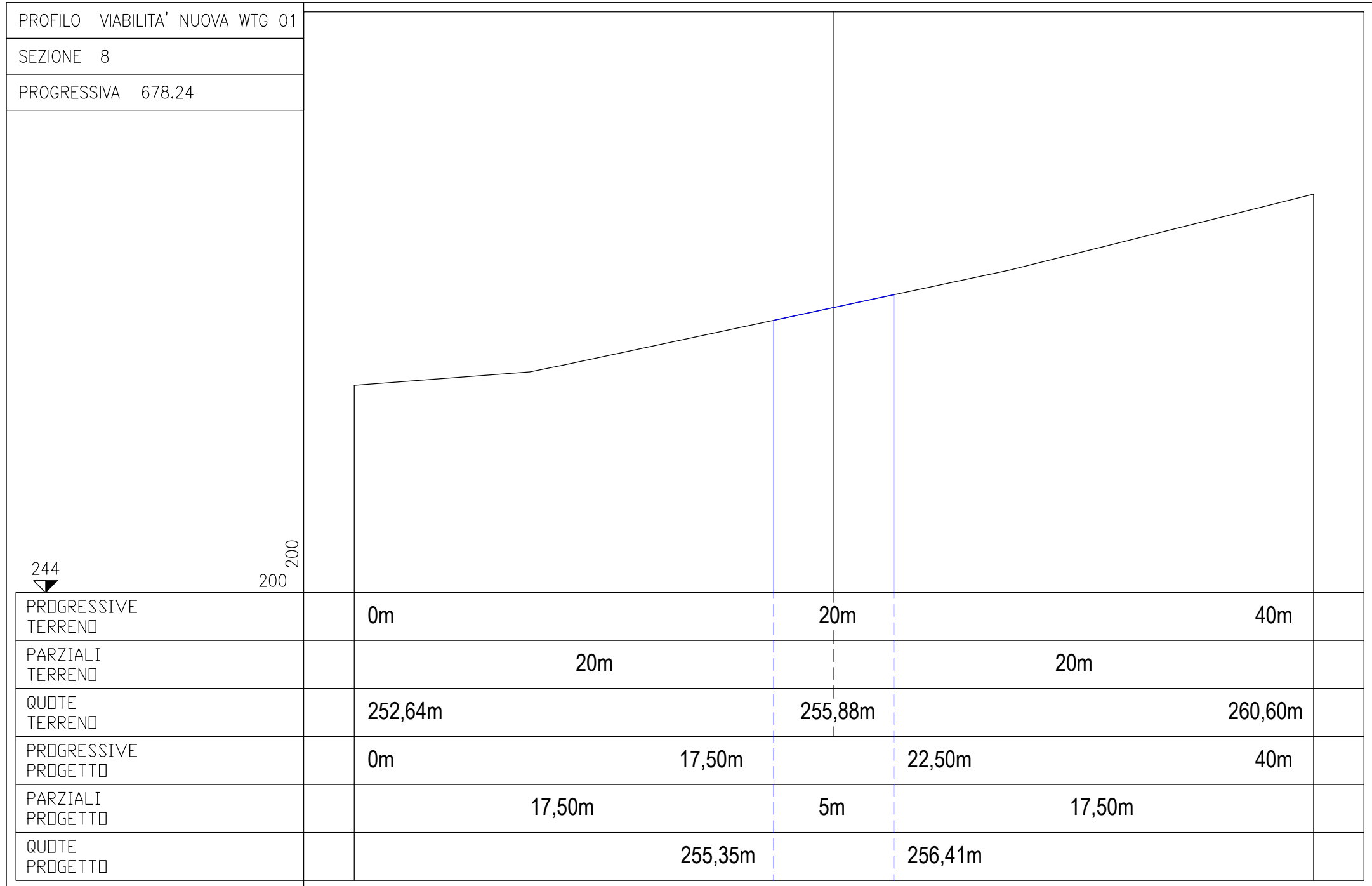




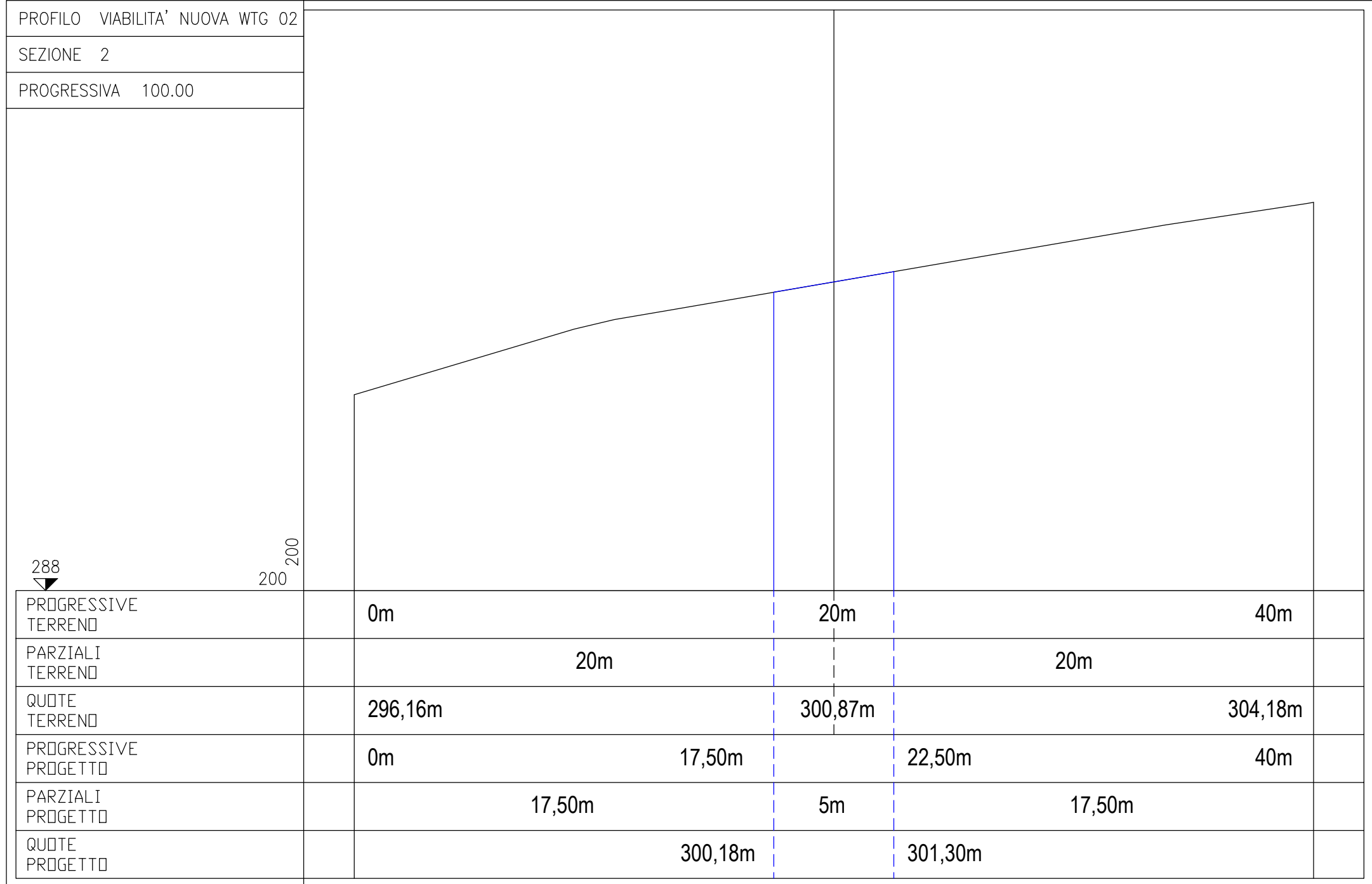


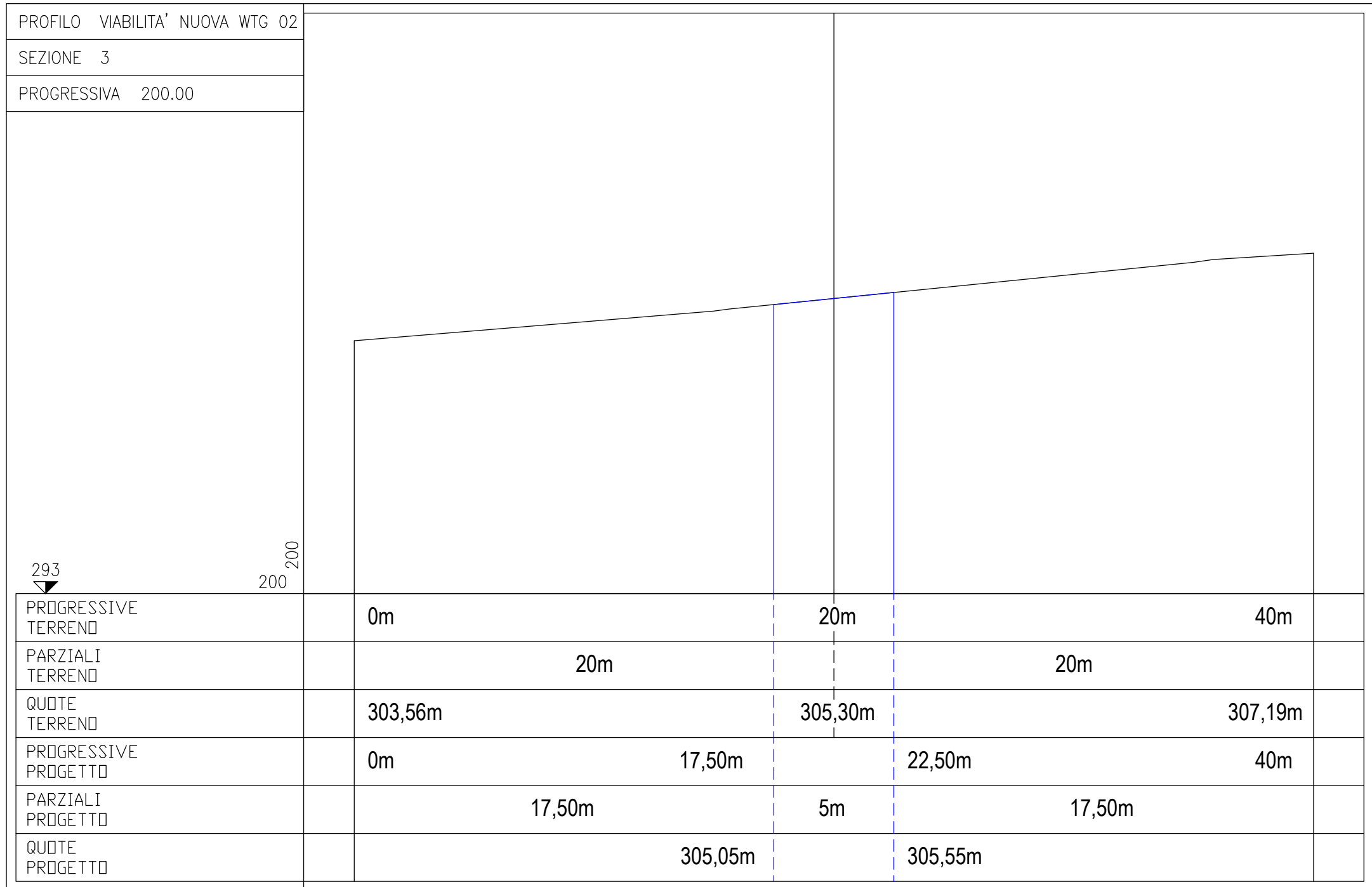


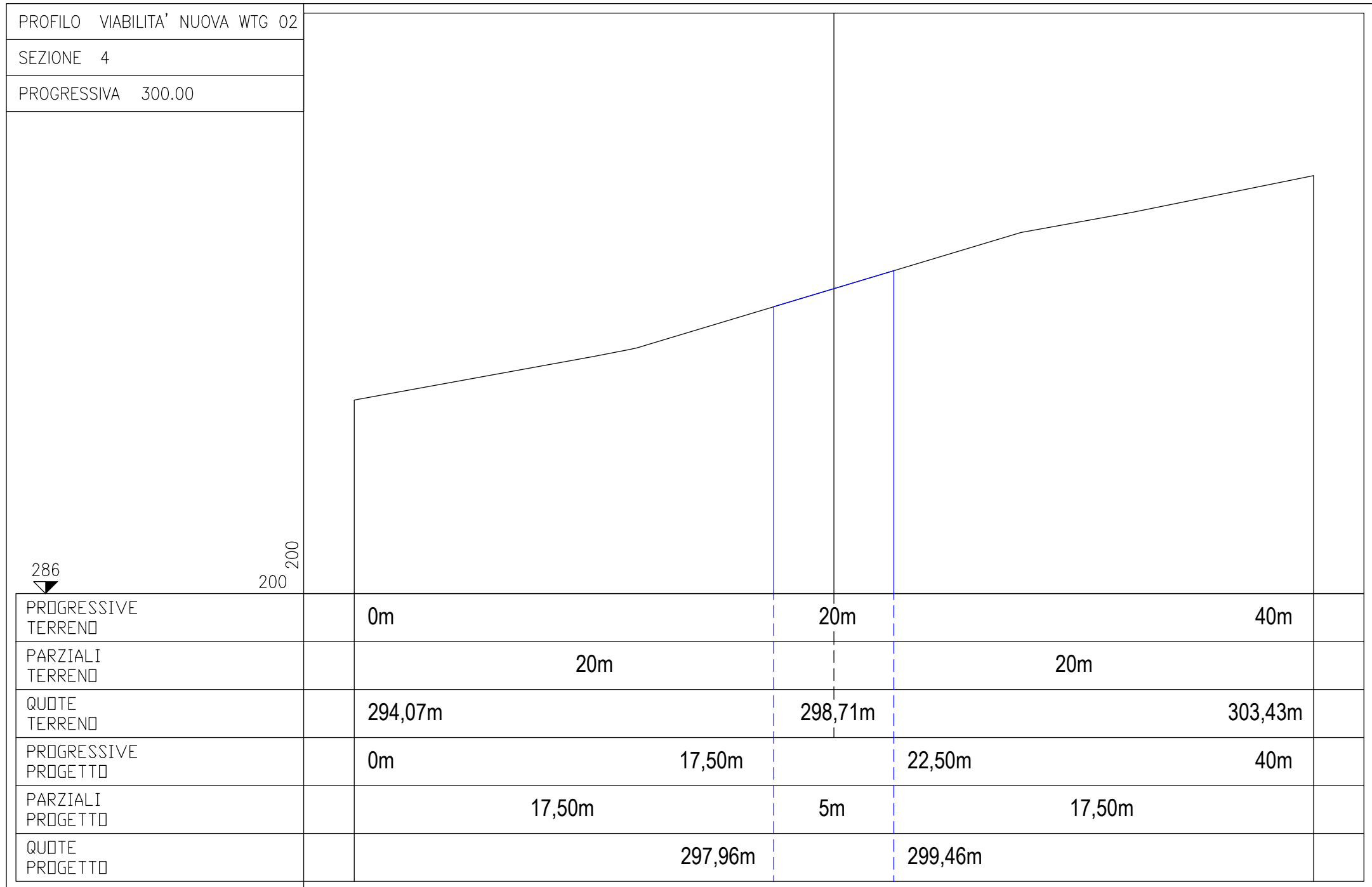




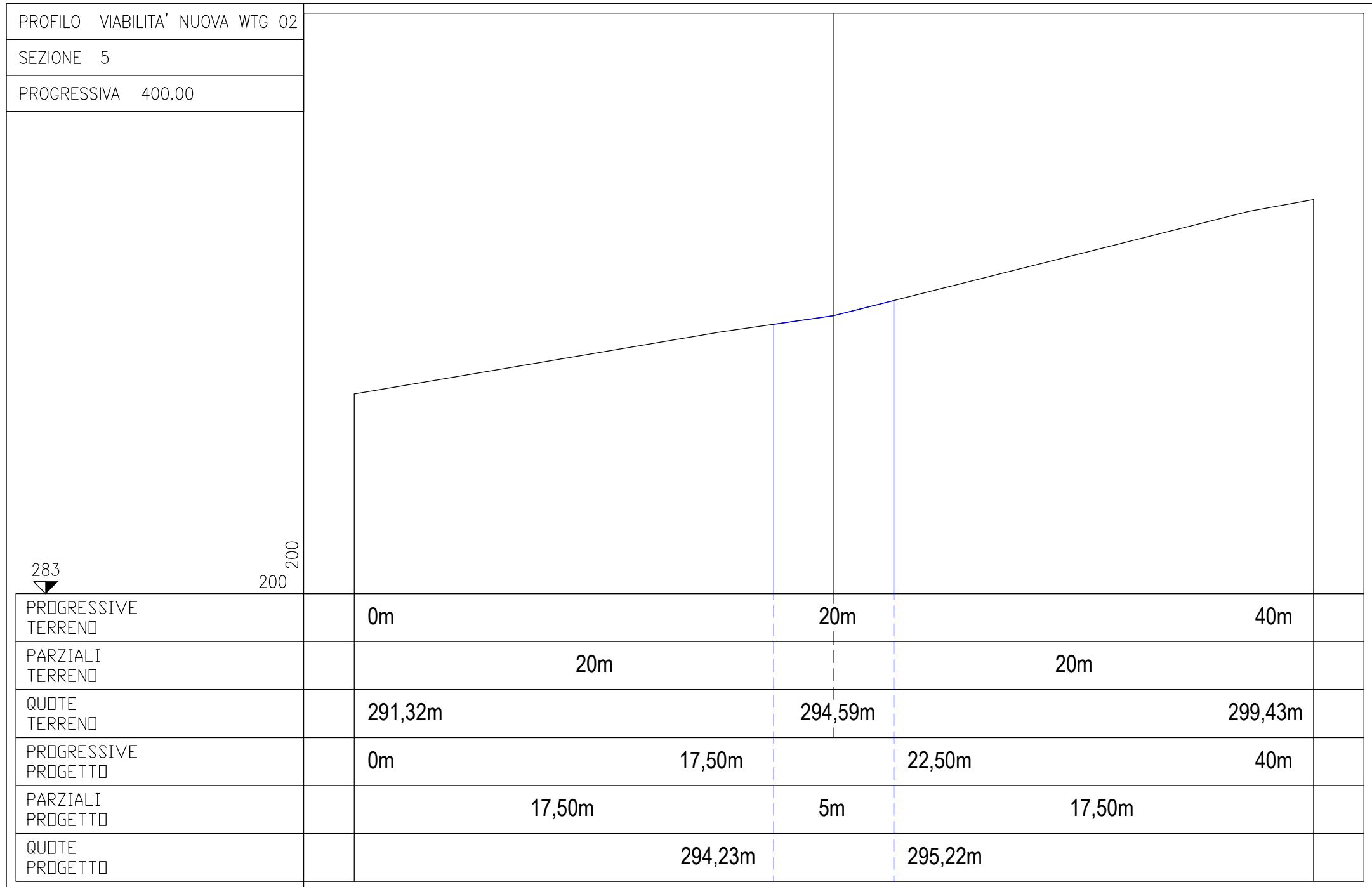


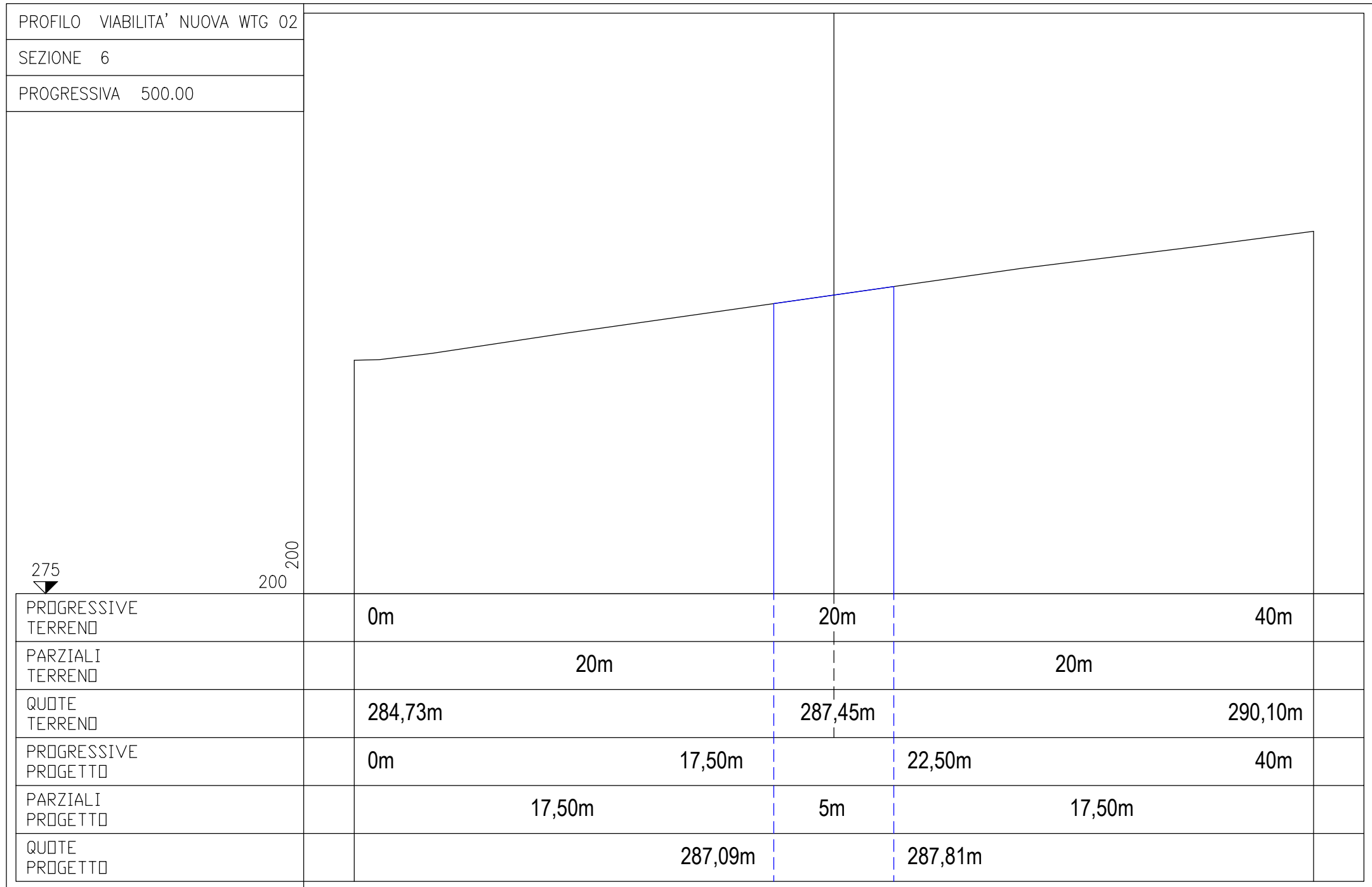


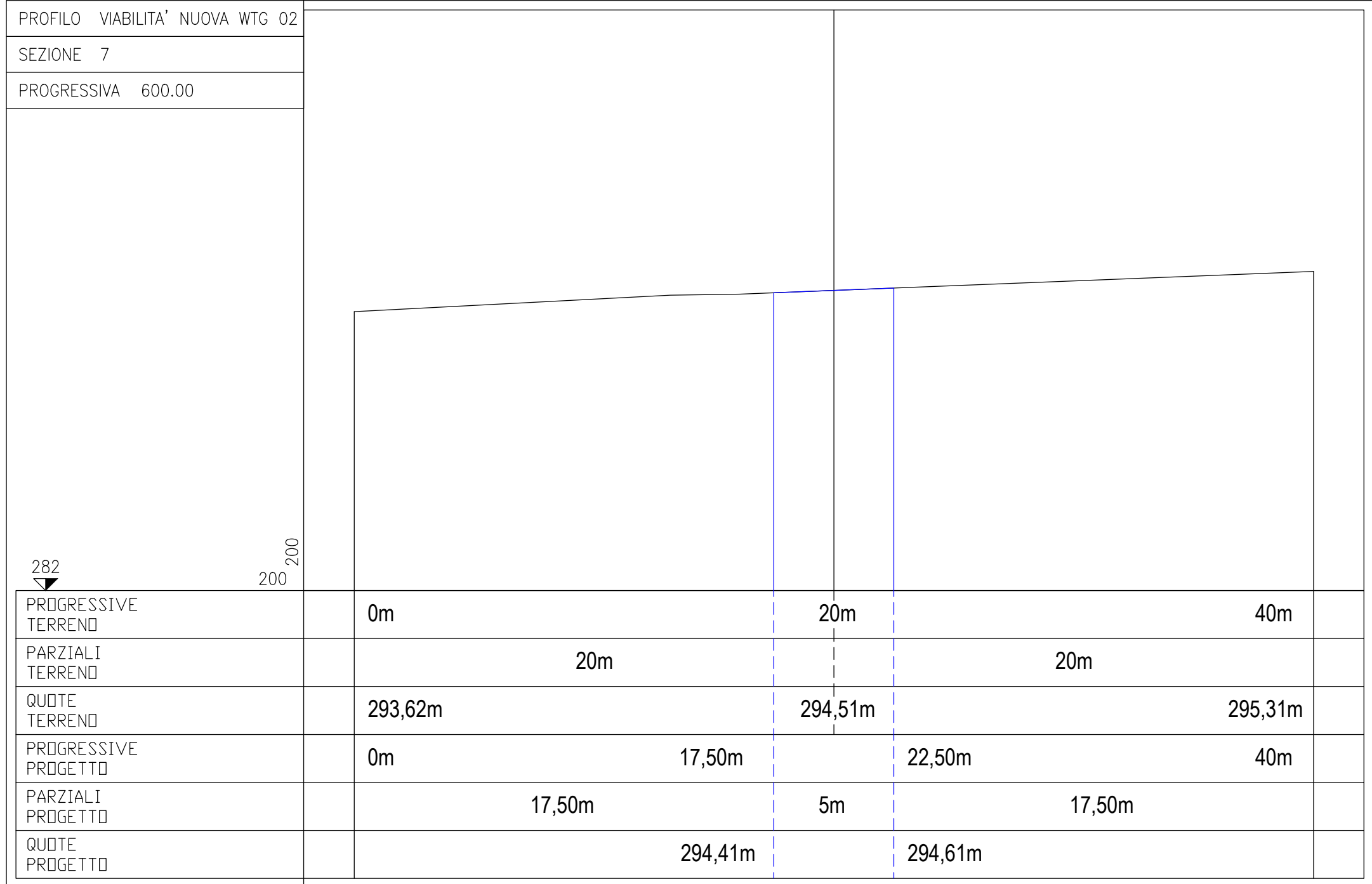




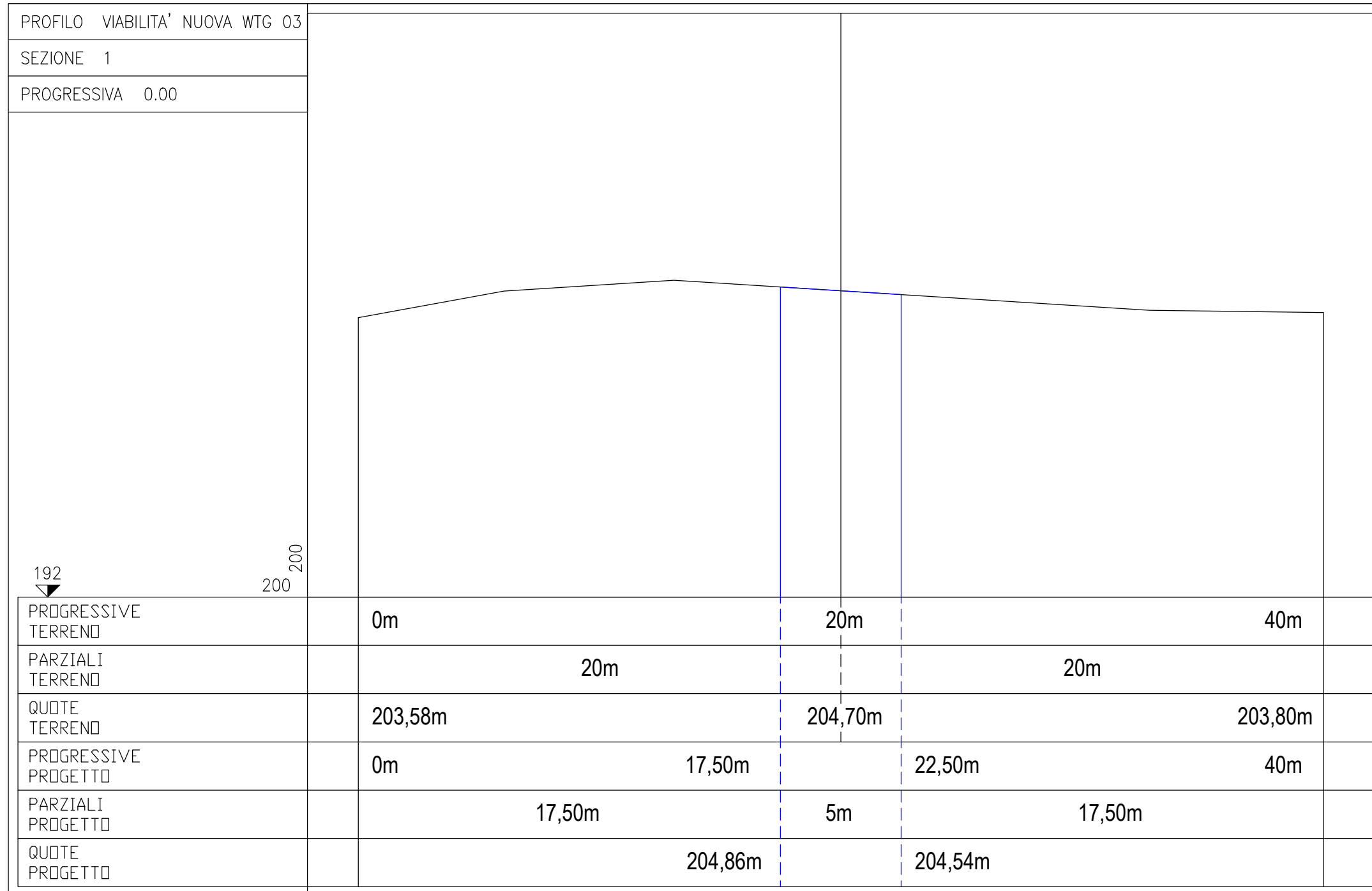


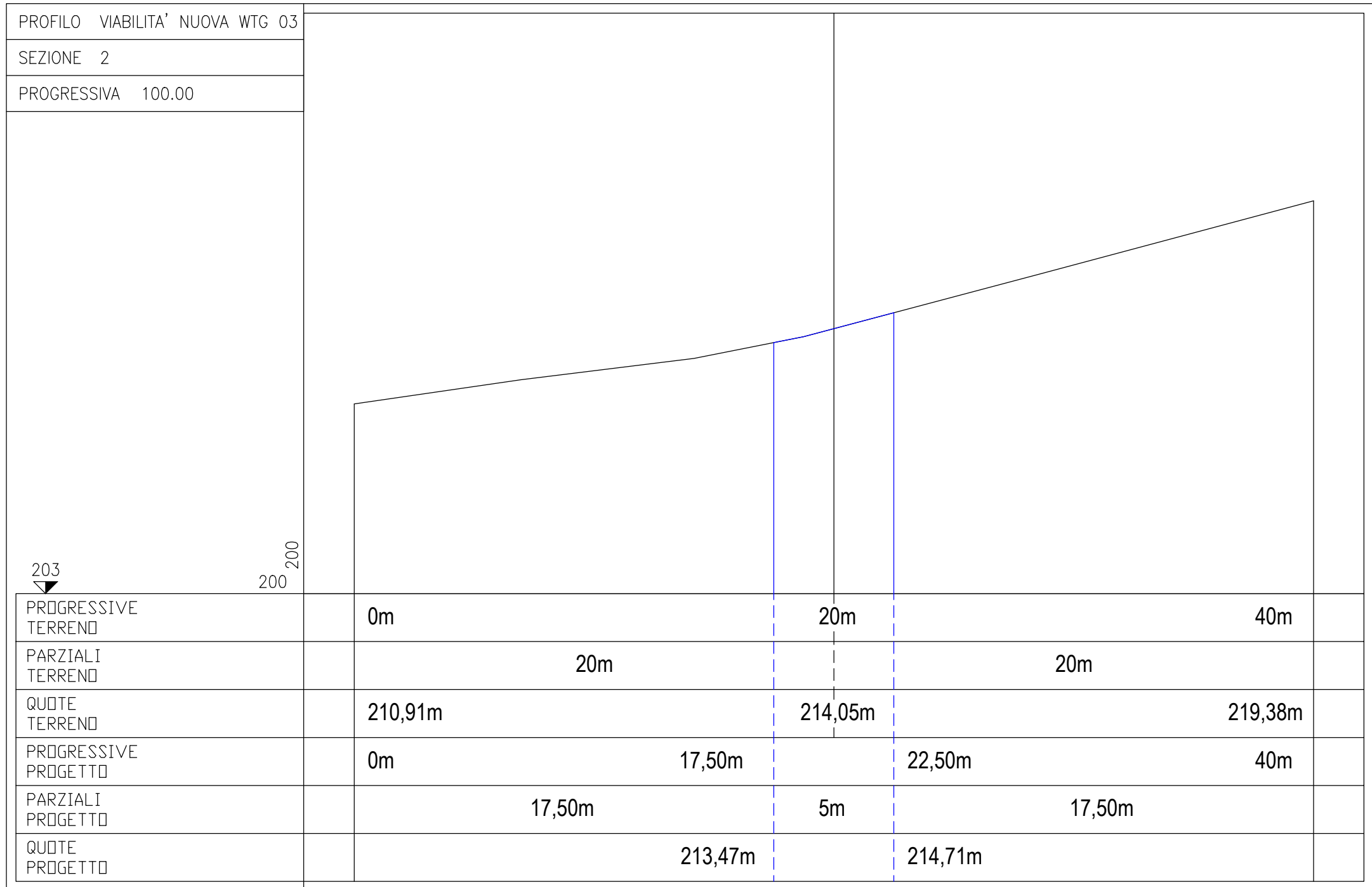


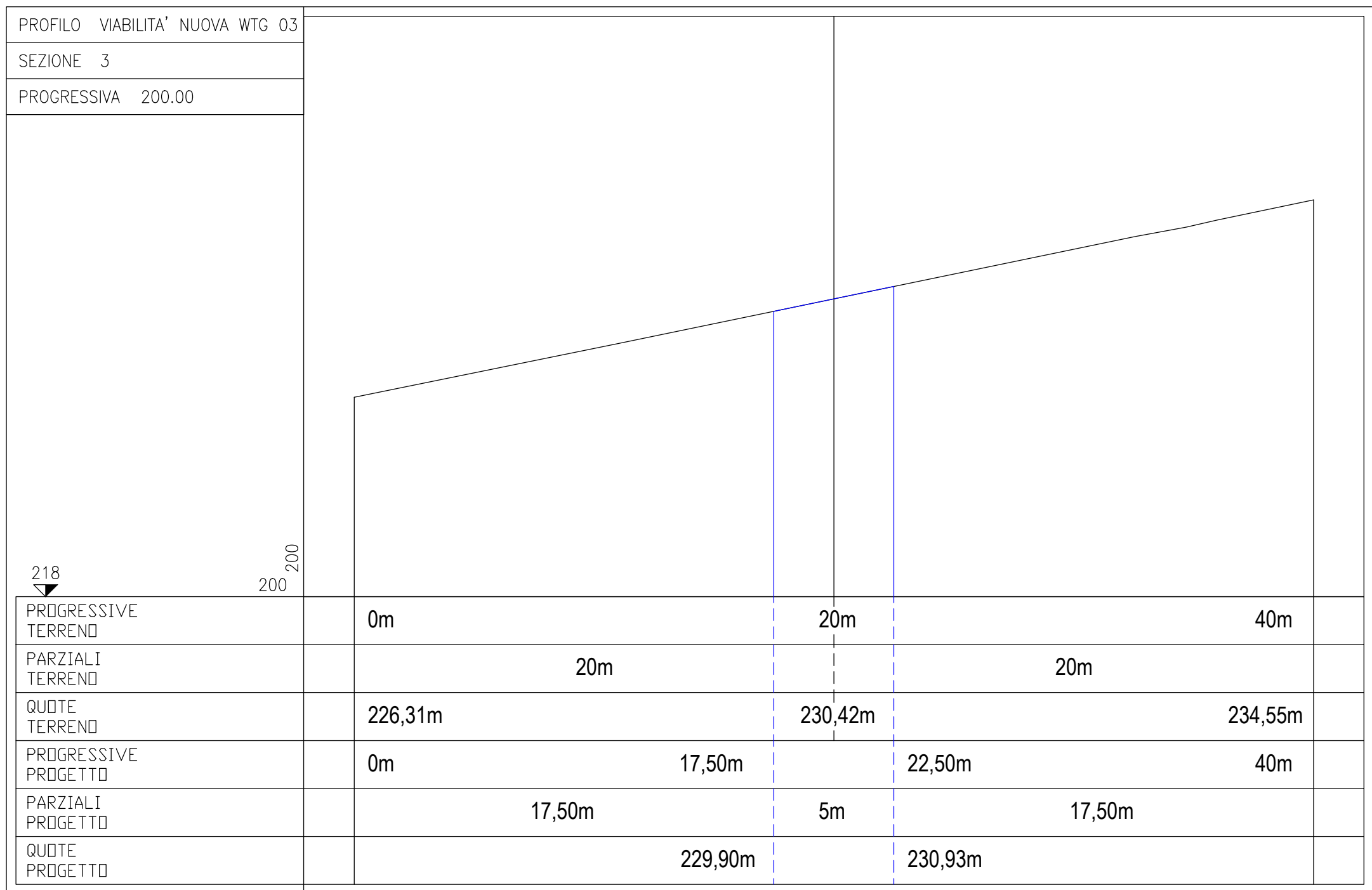


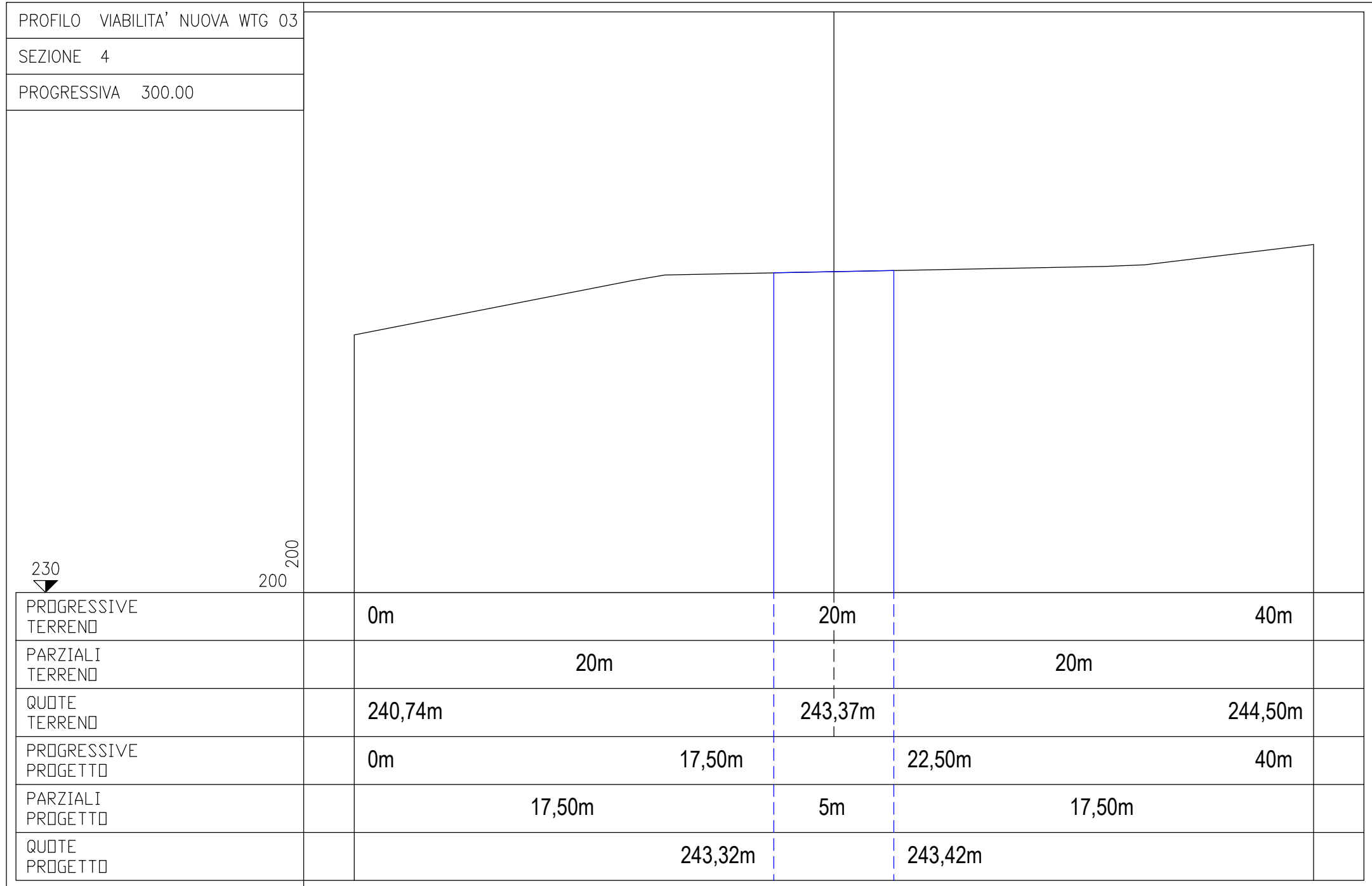


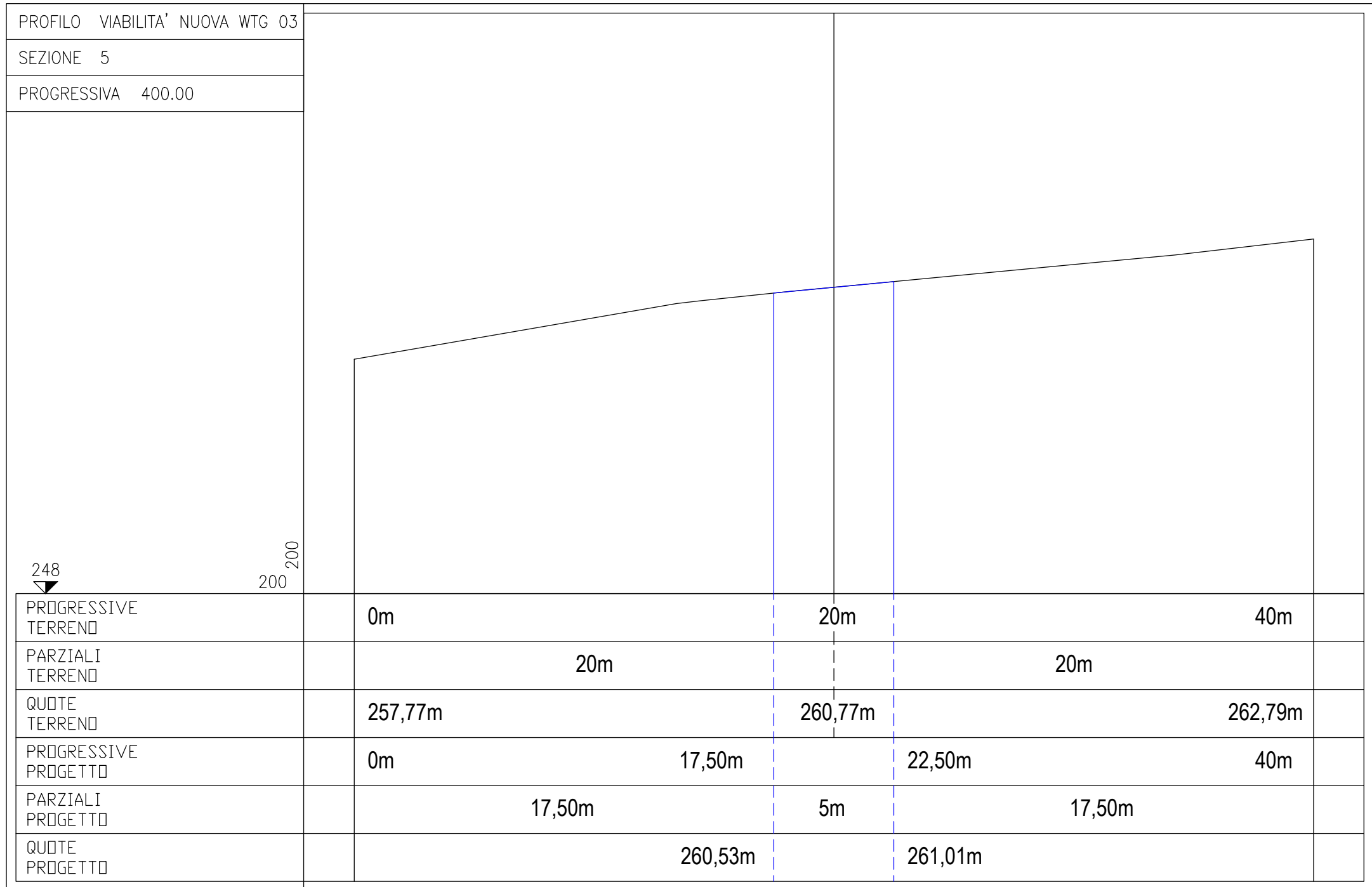
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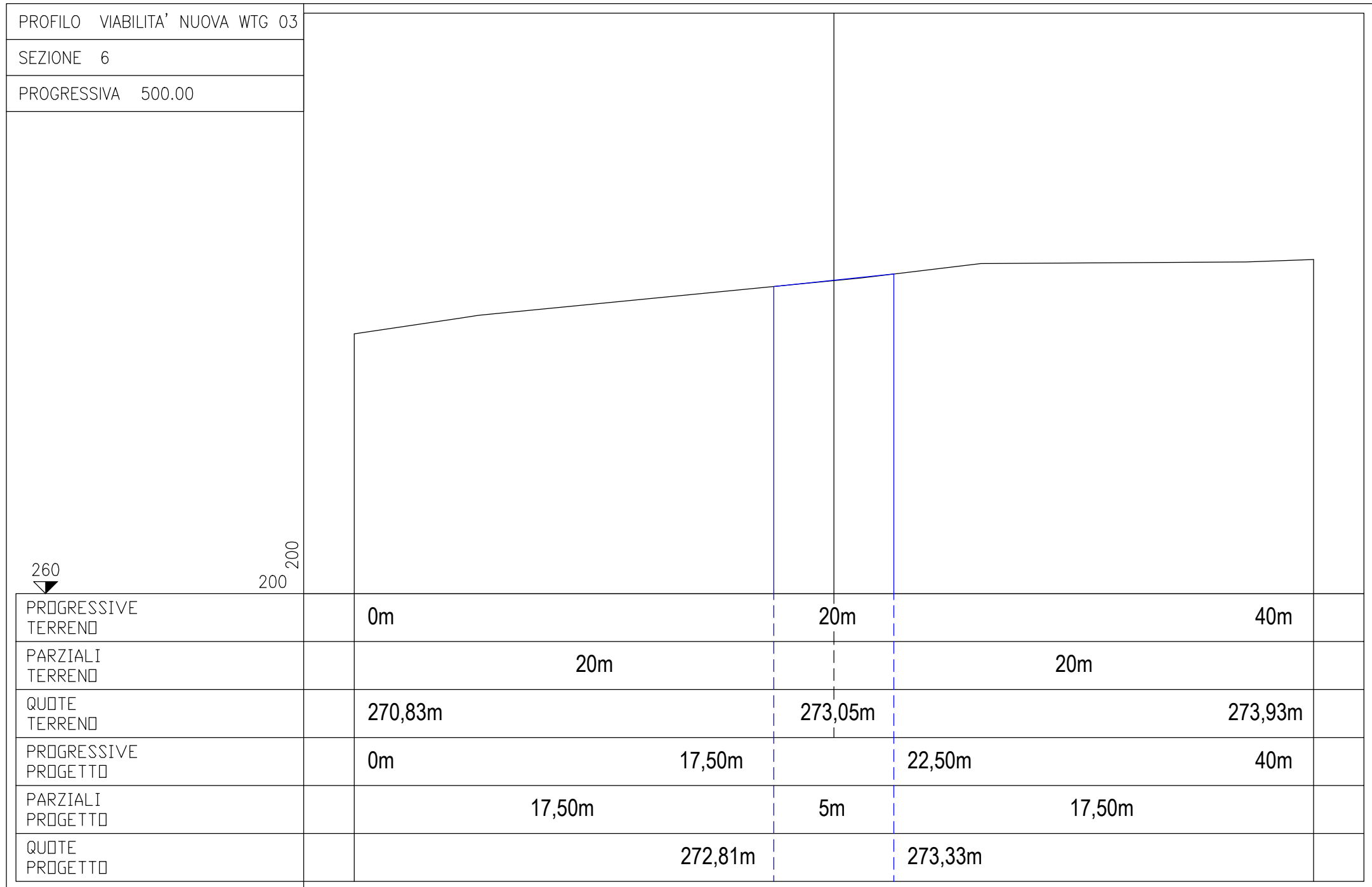


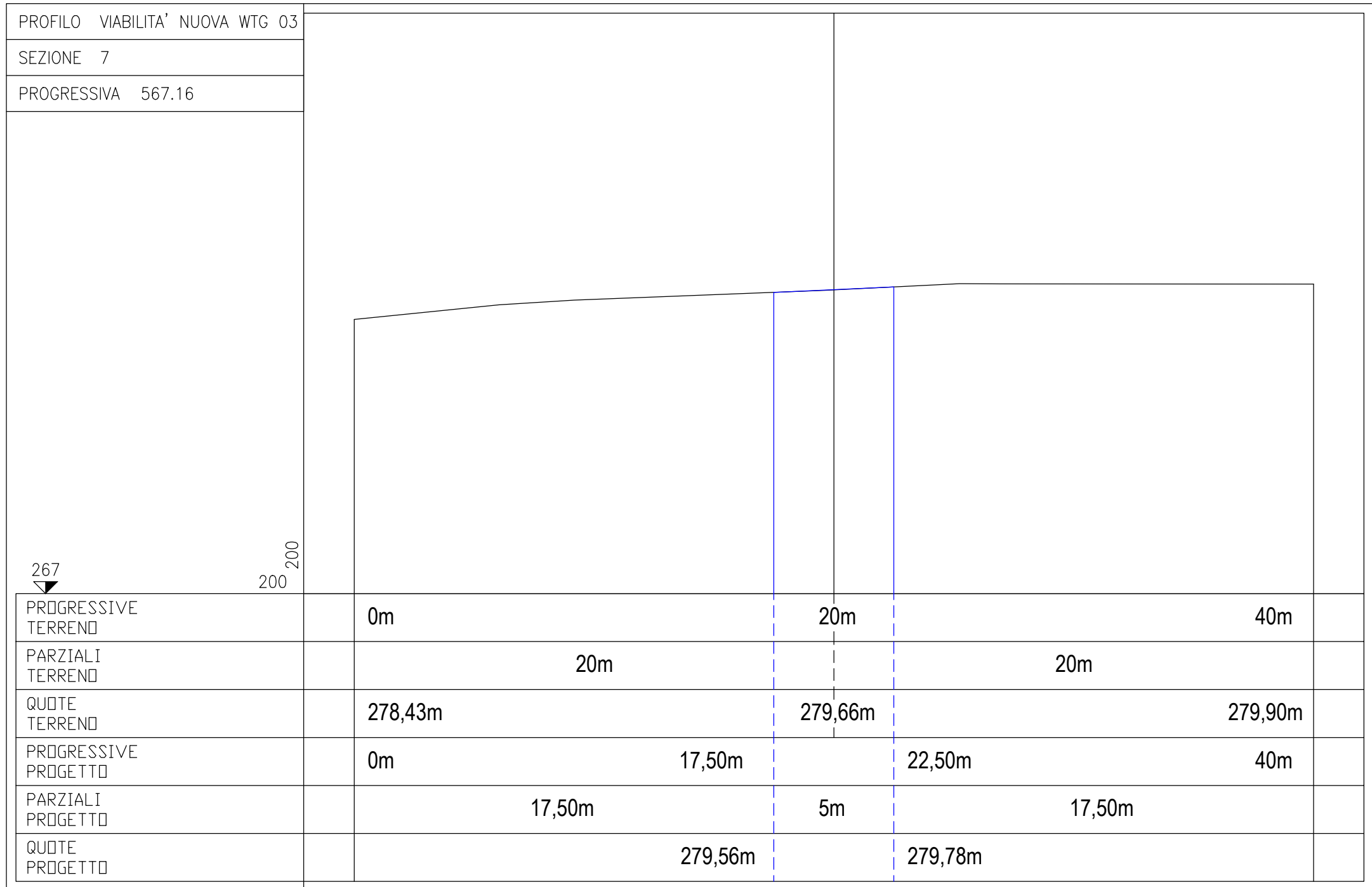




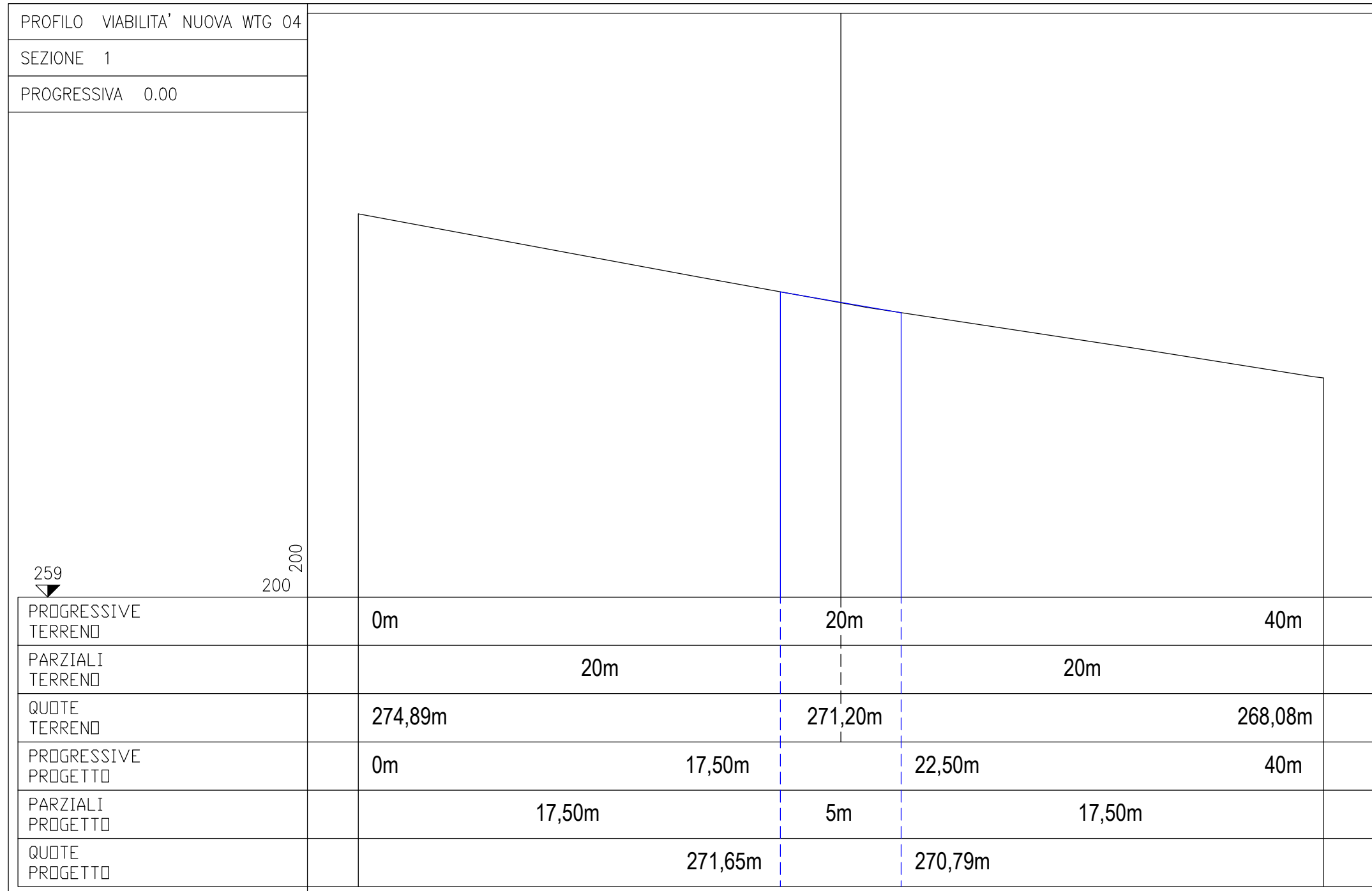


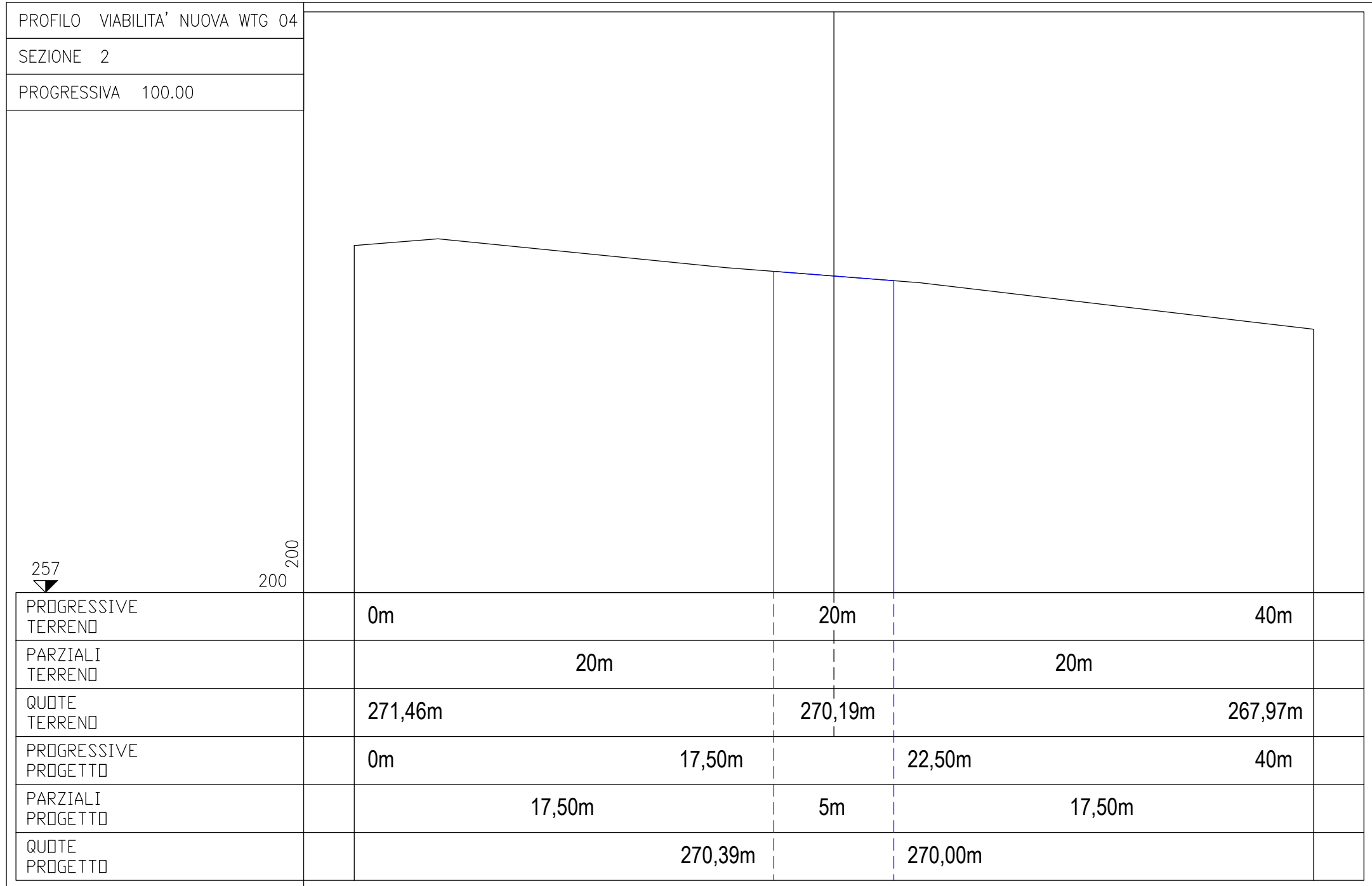


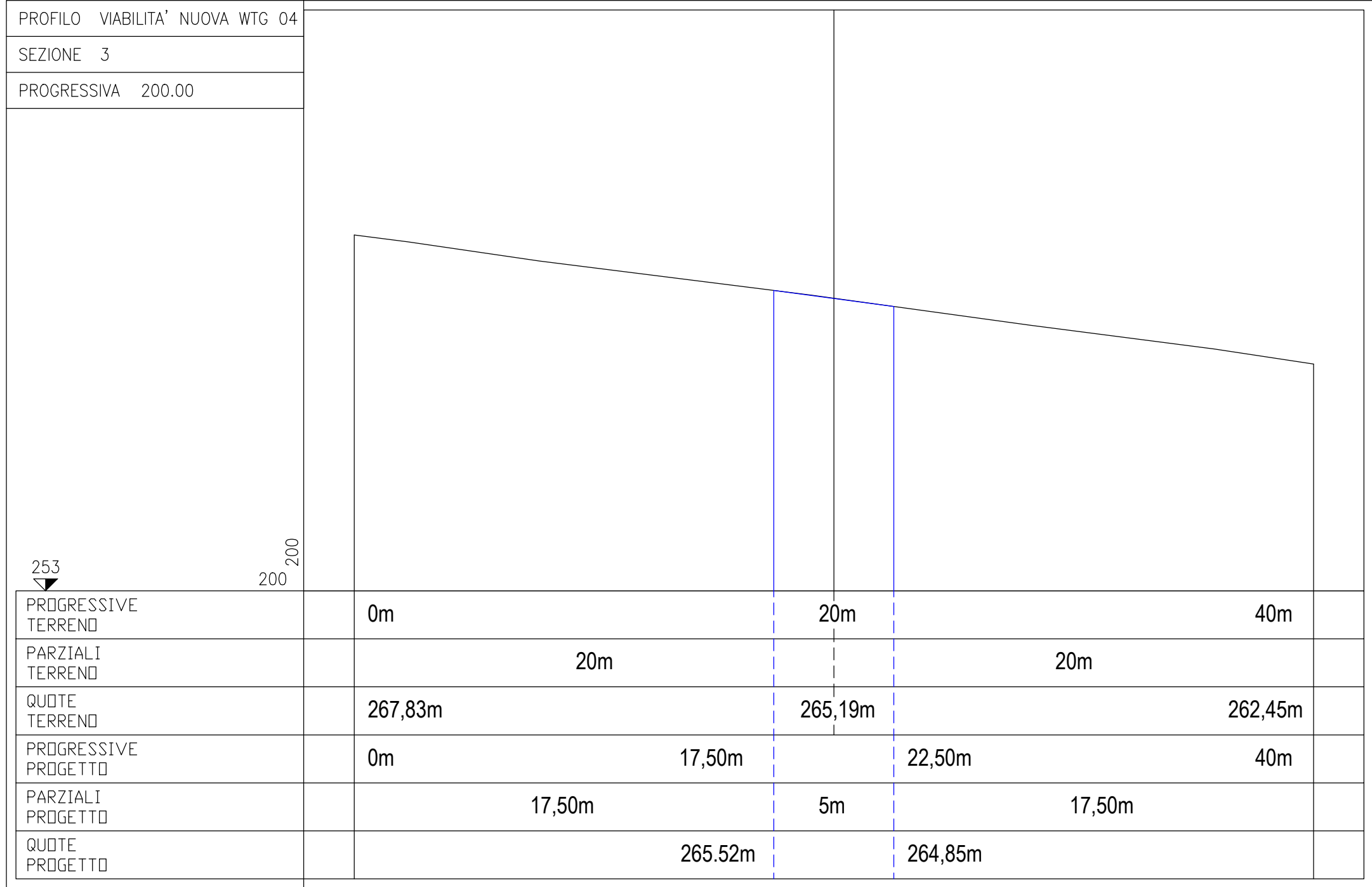


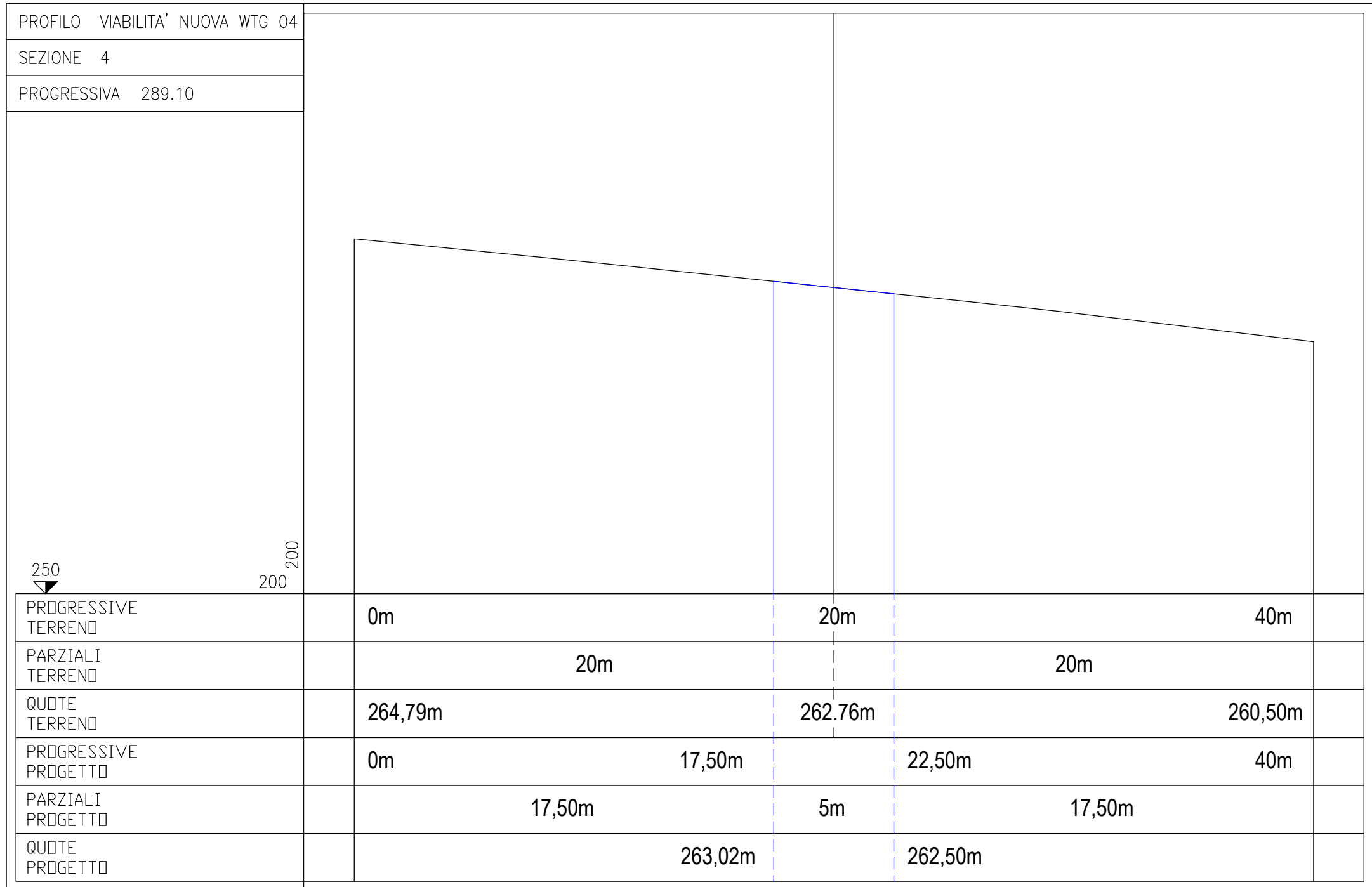


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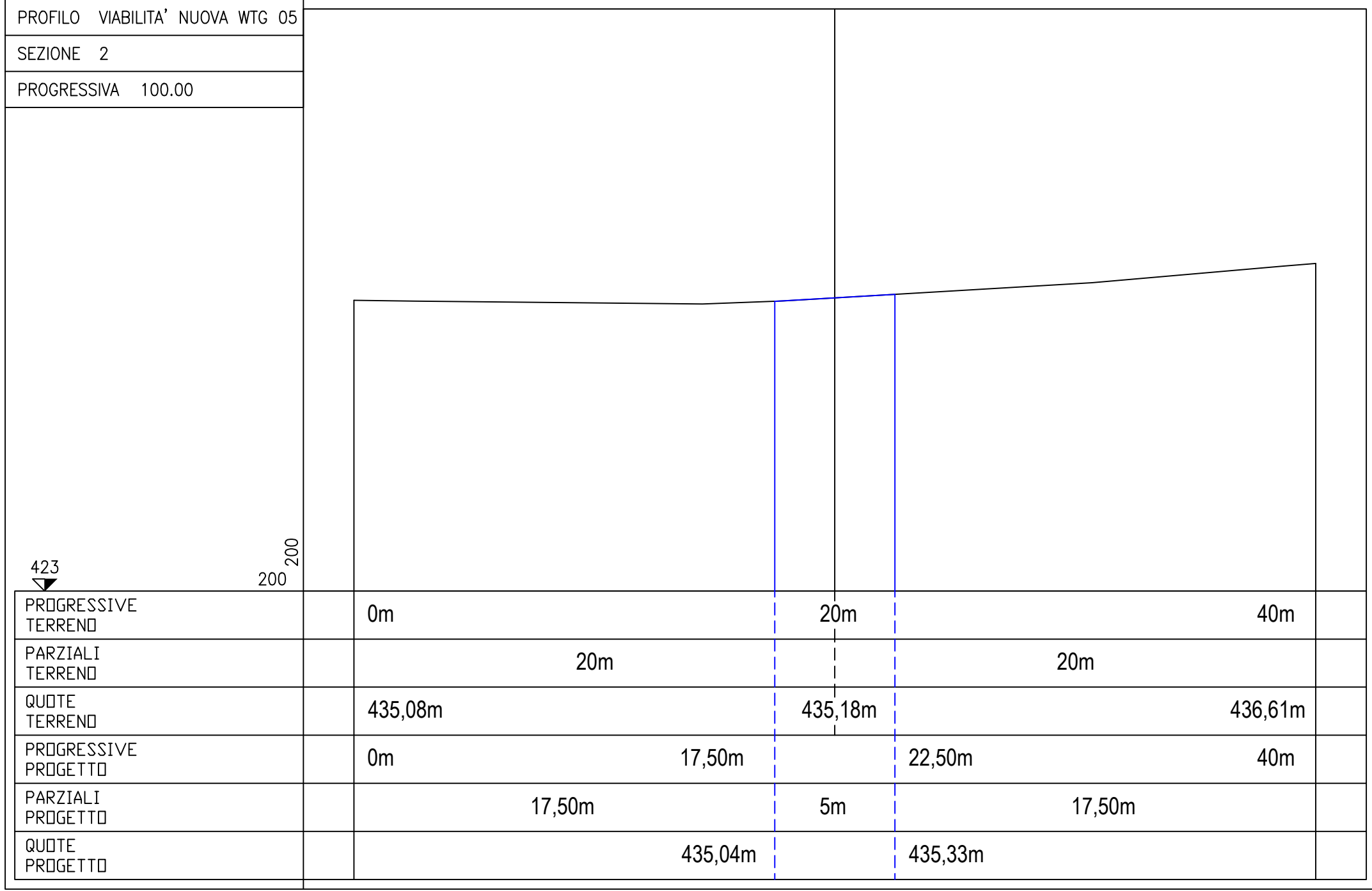




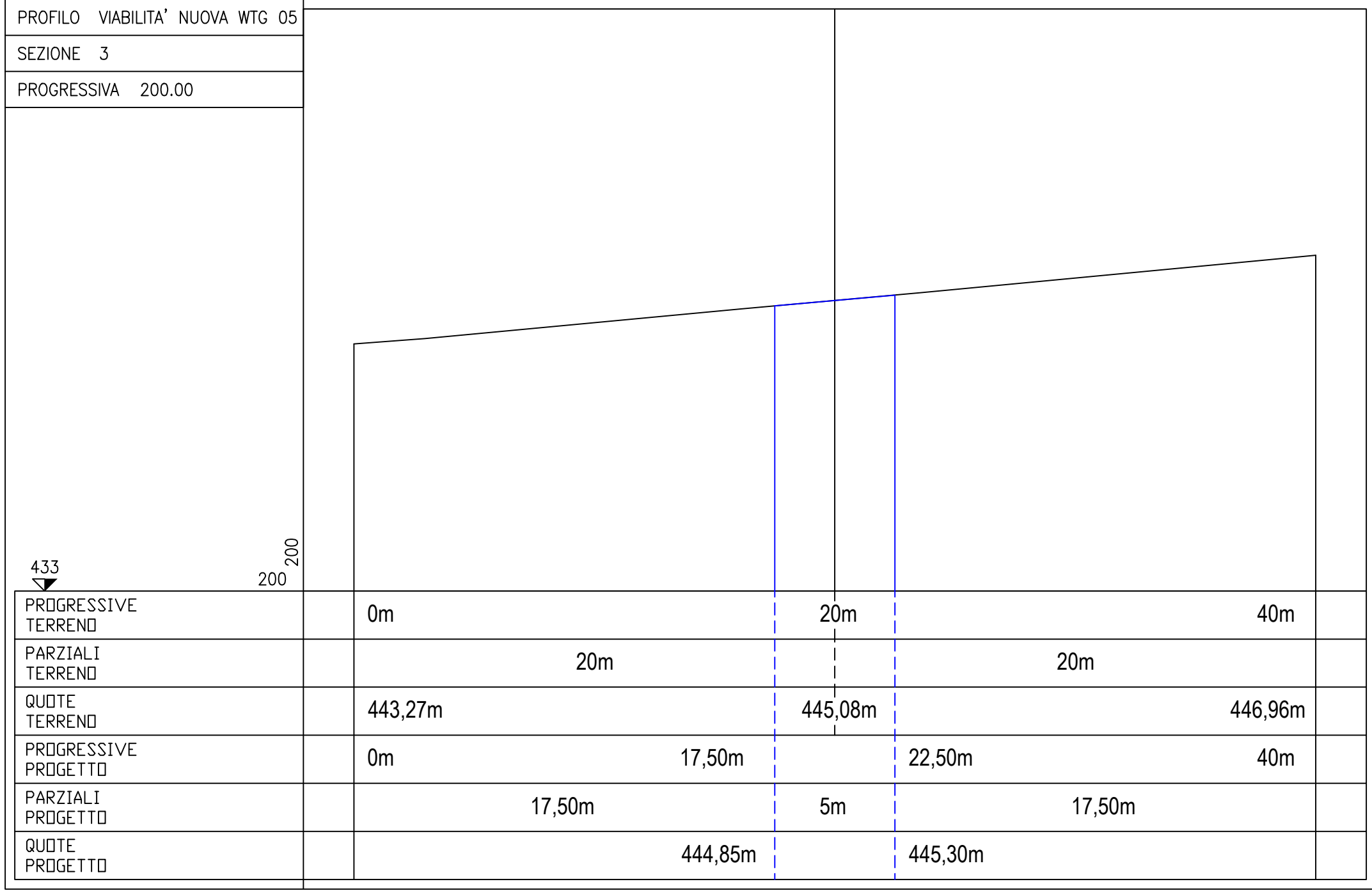


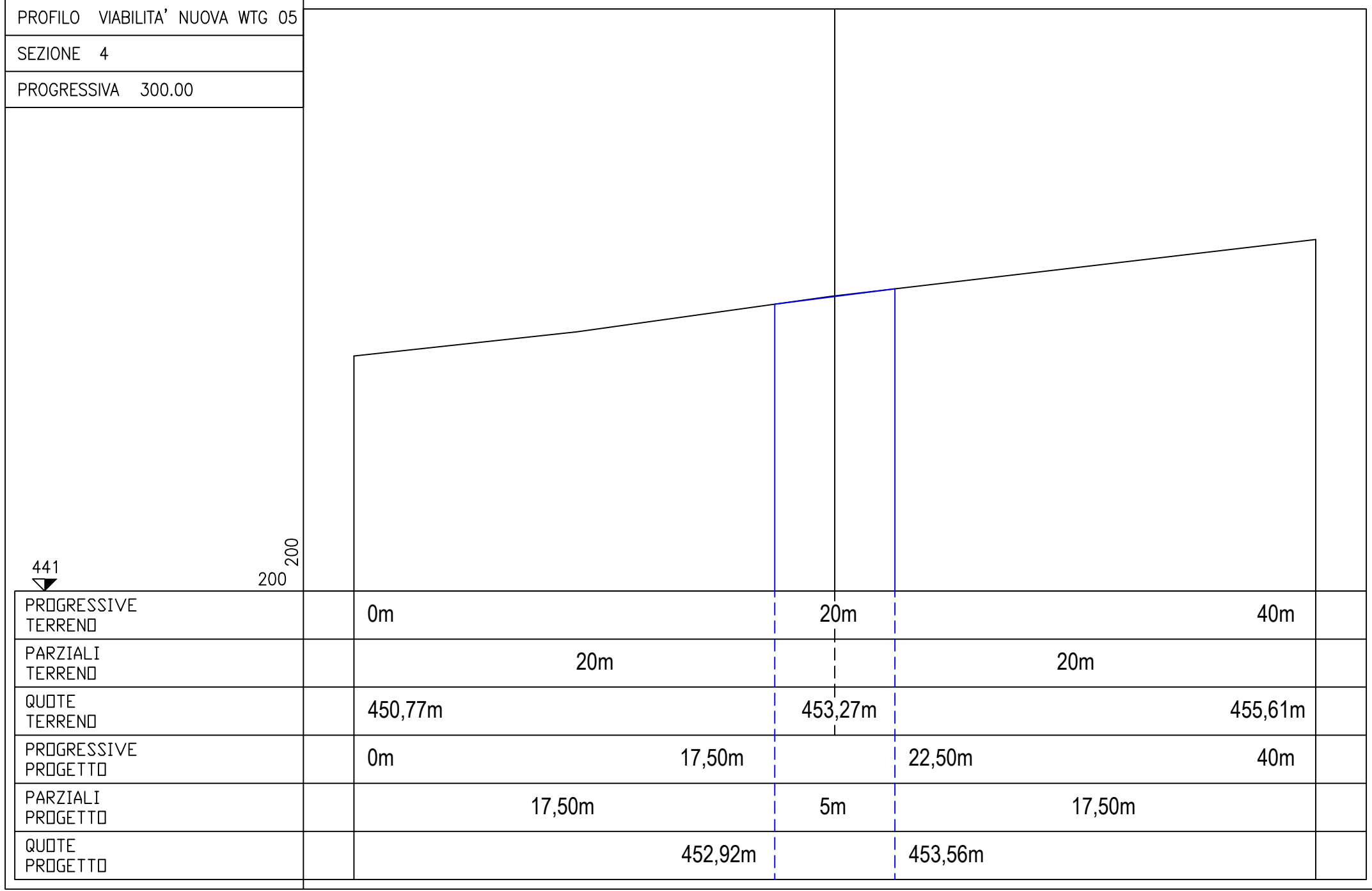


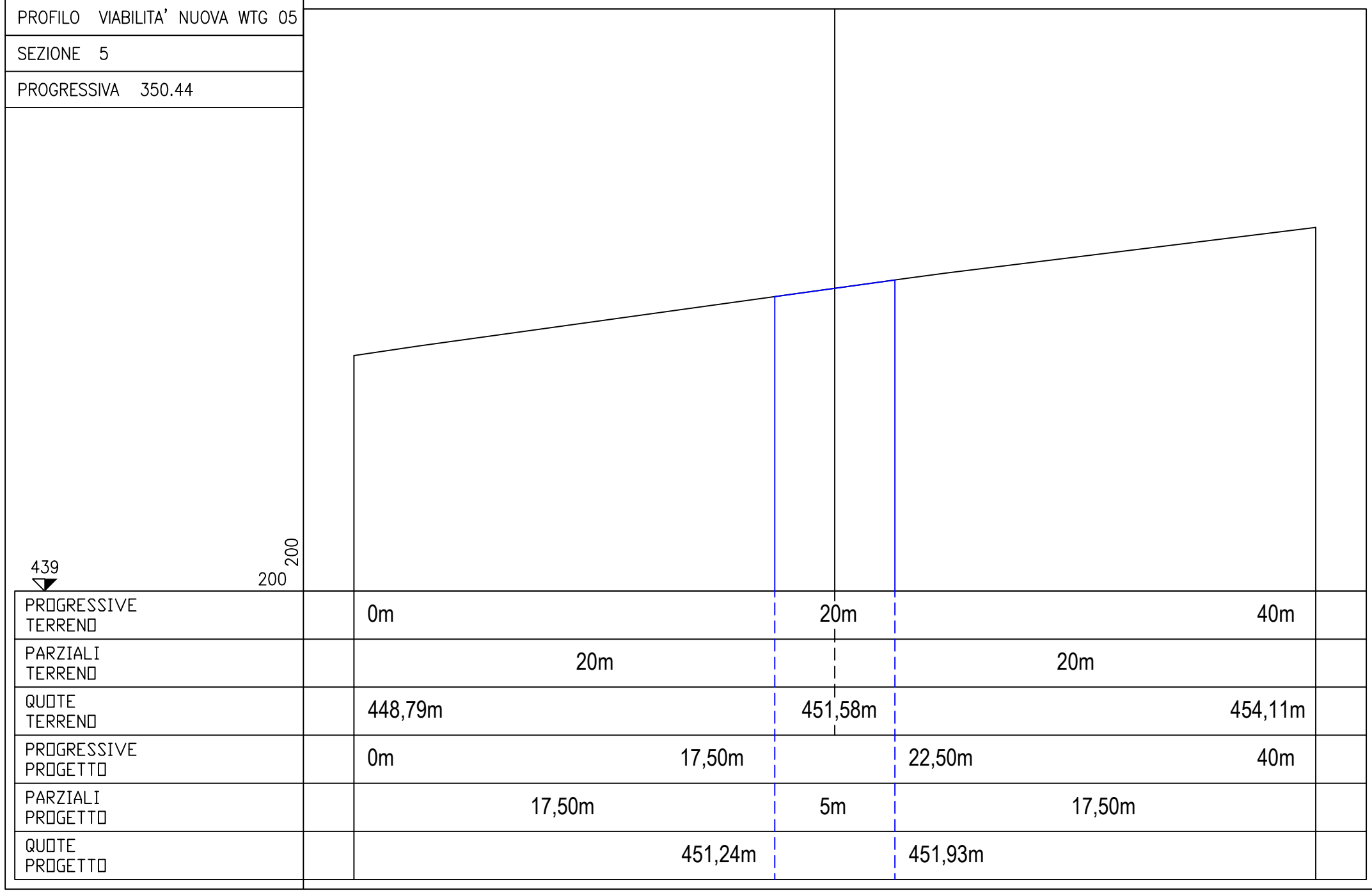




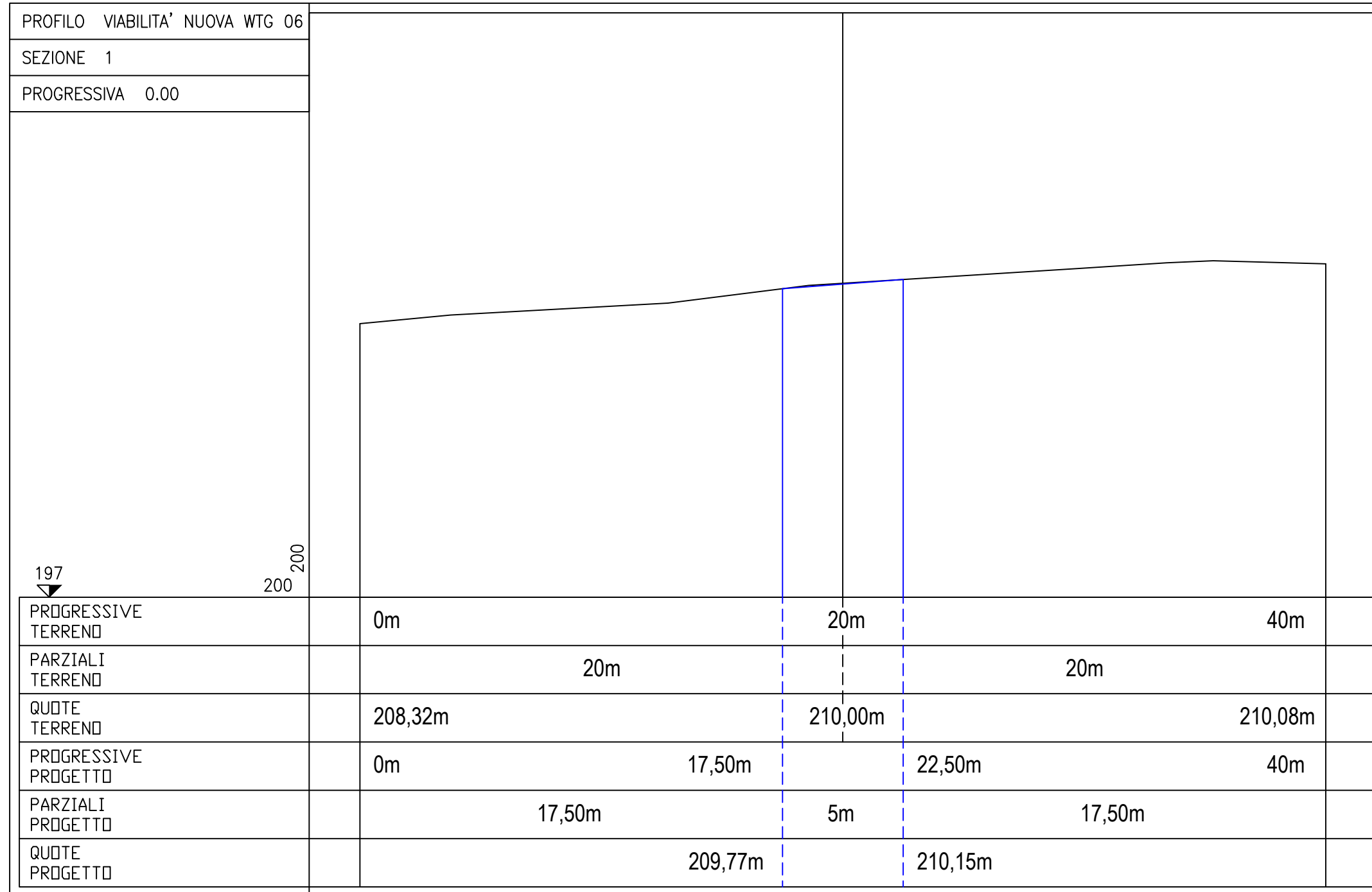


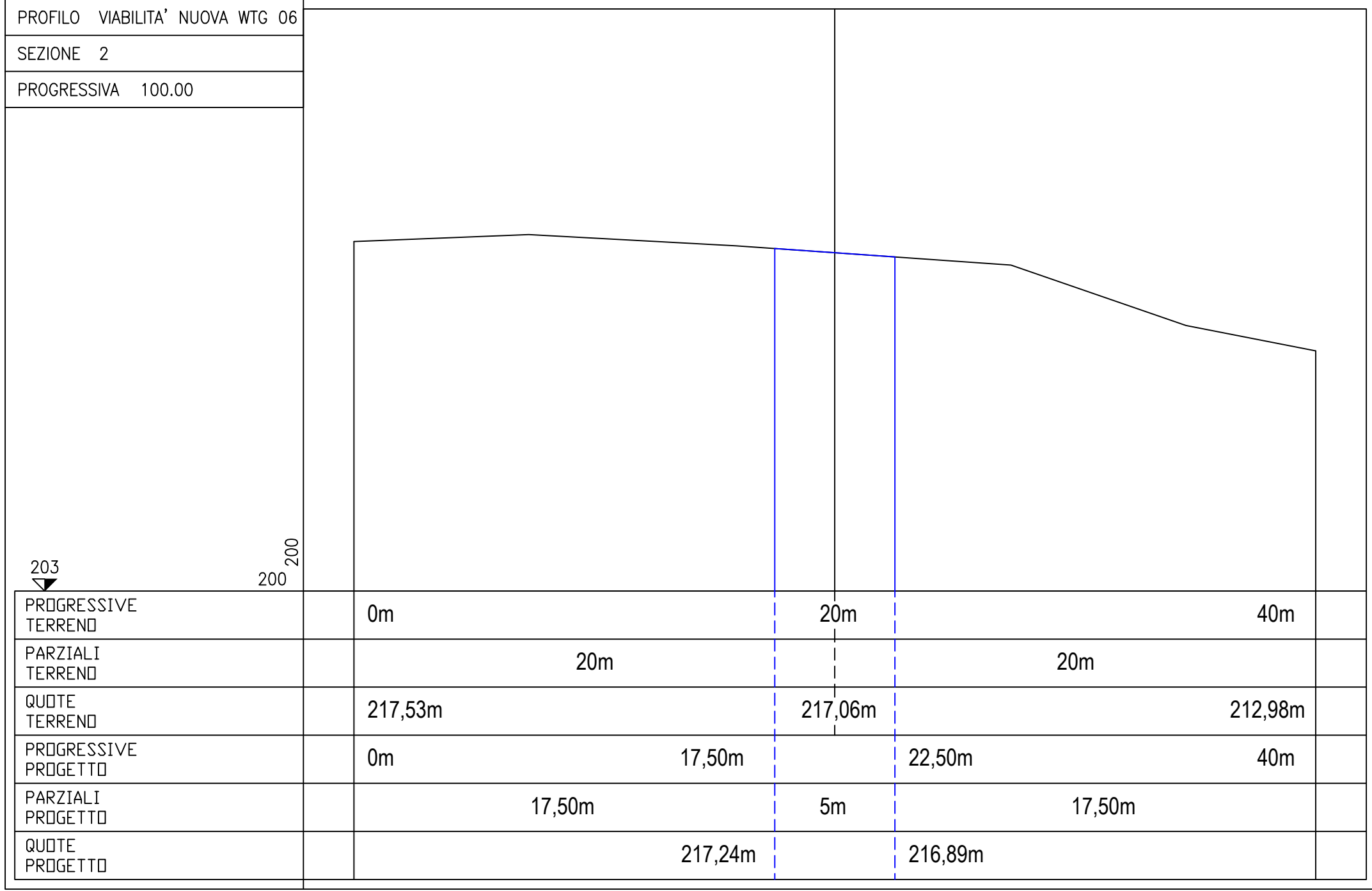


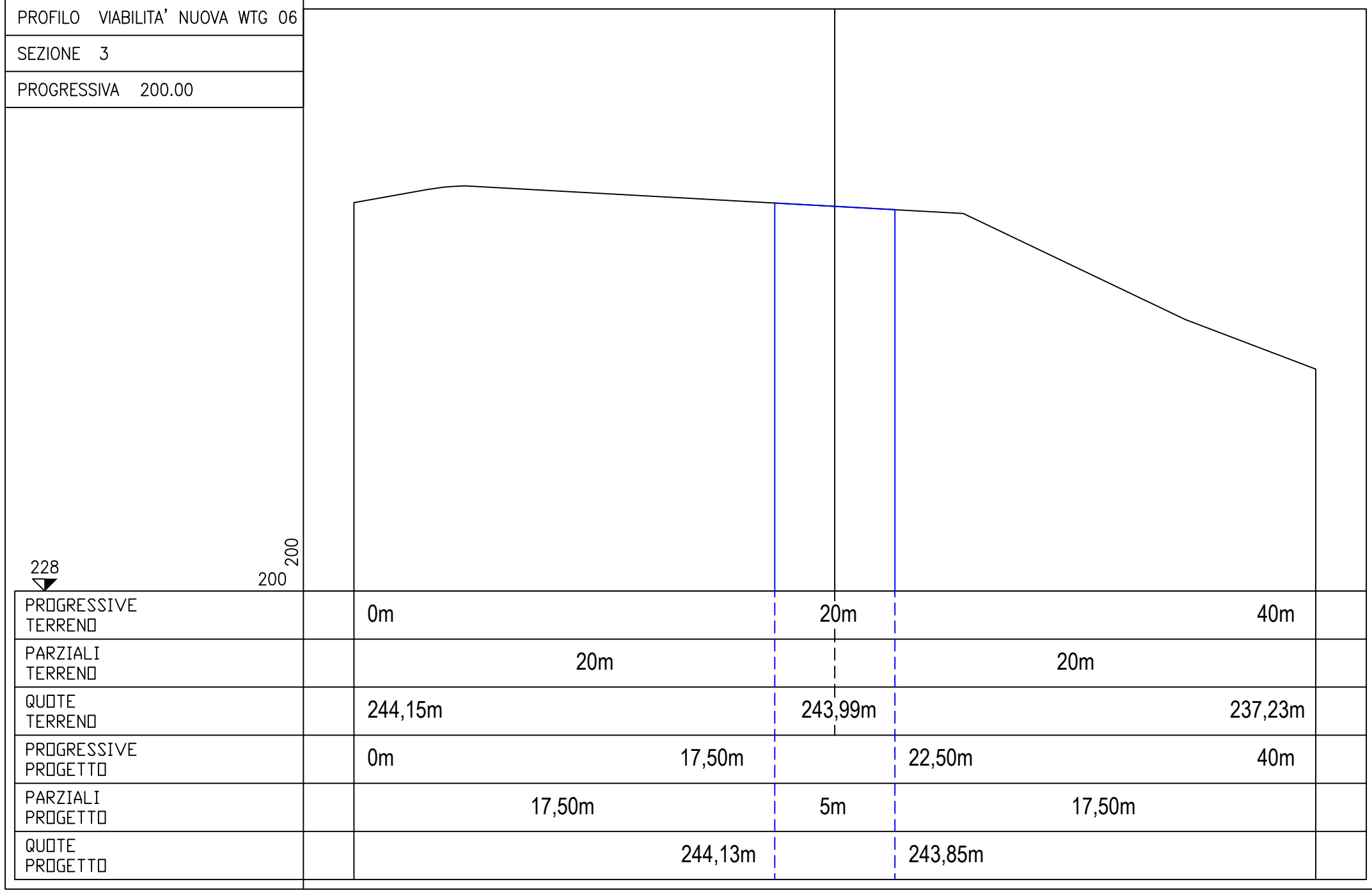


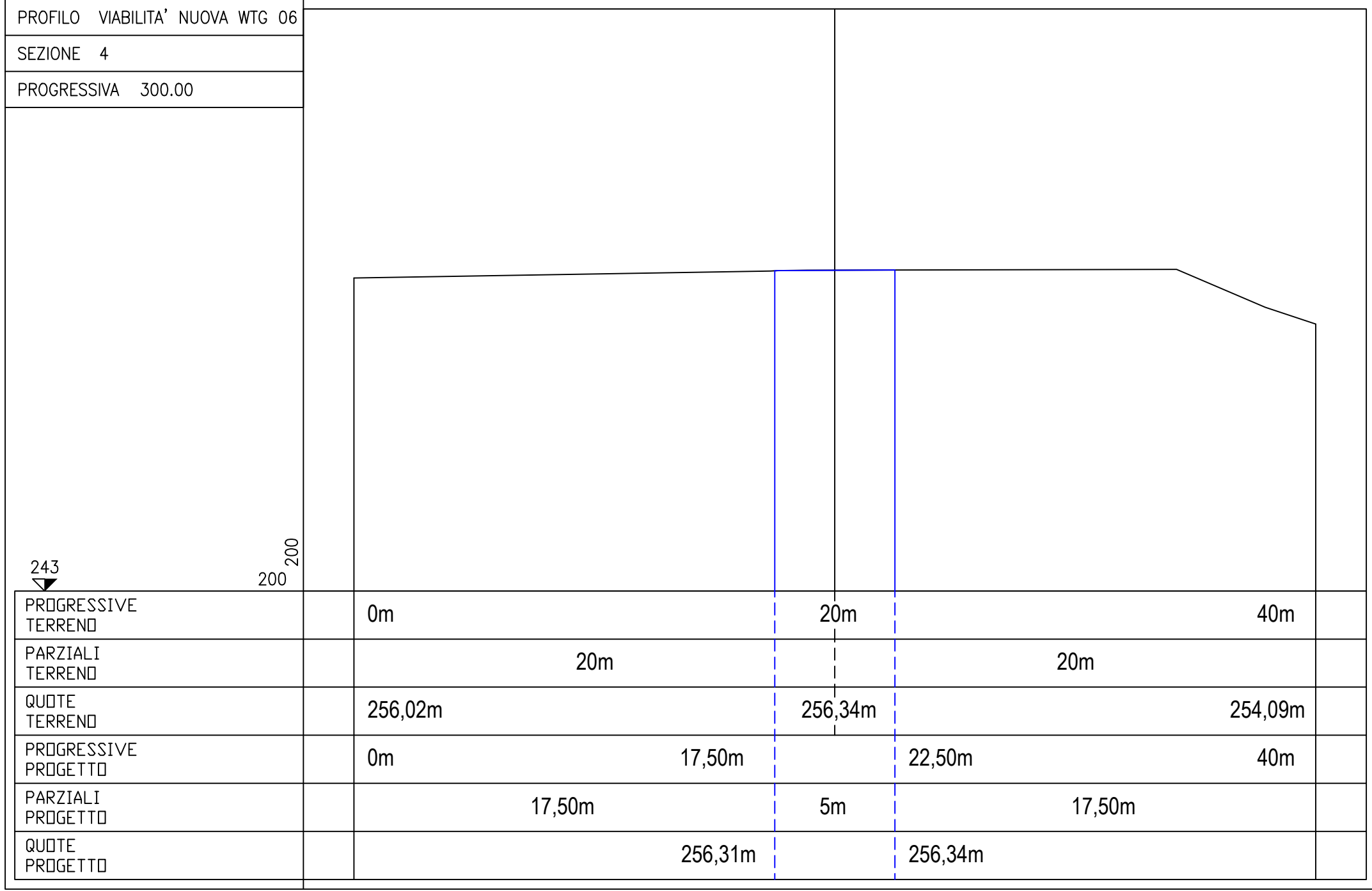


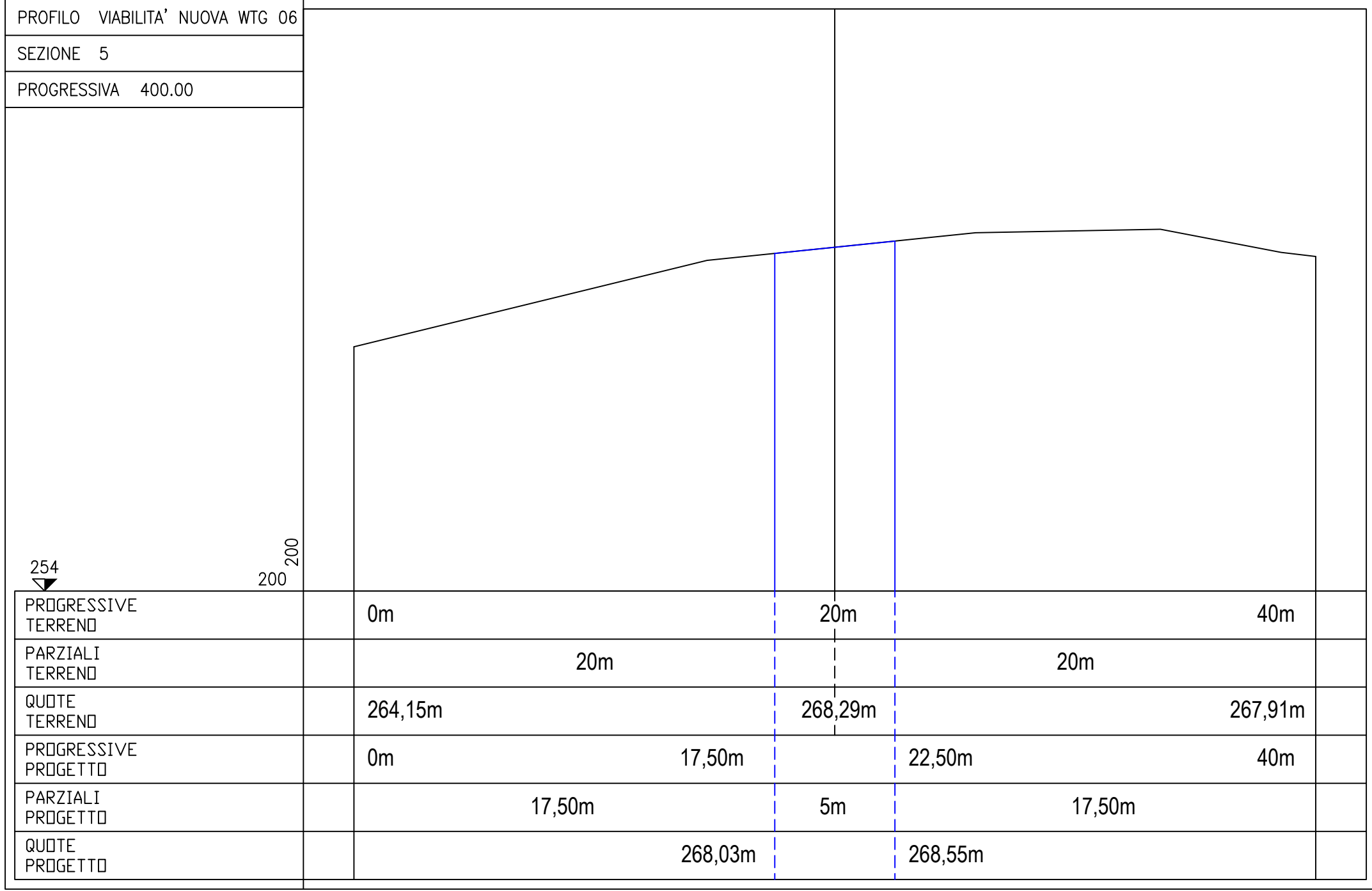
Viabilità di nuova realizzazione wtg 06



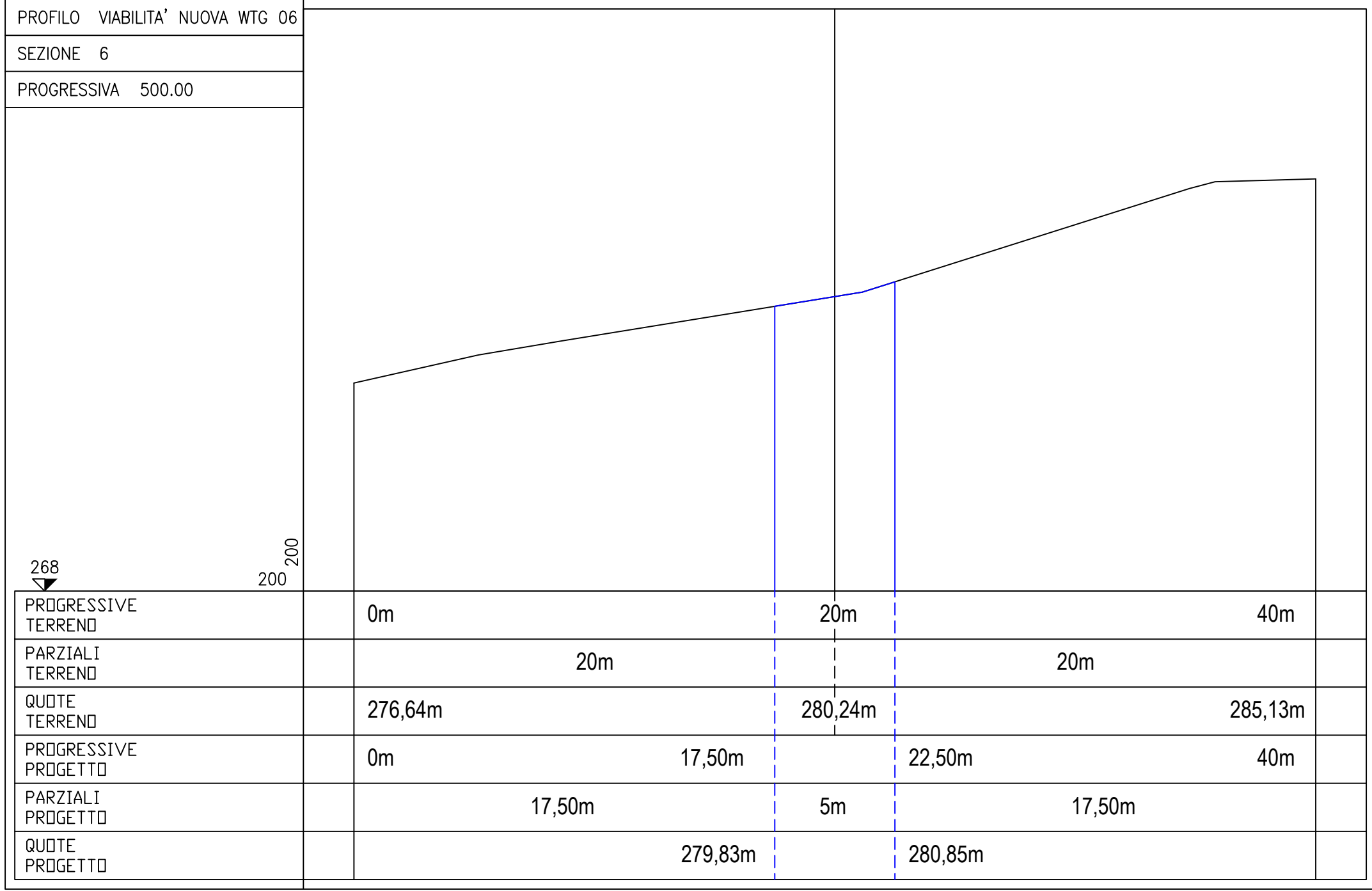


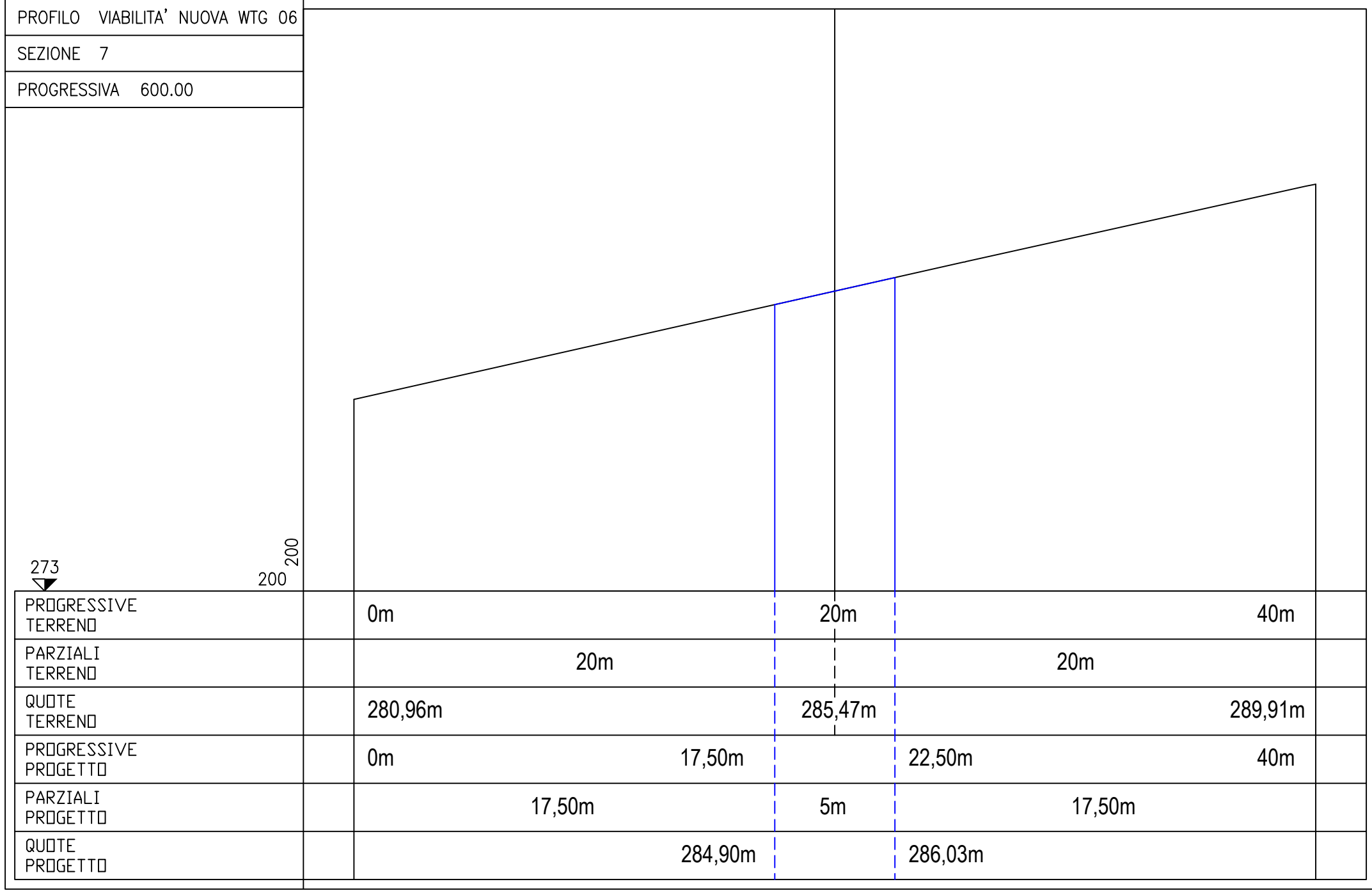




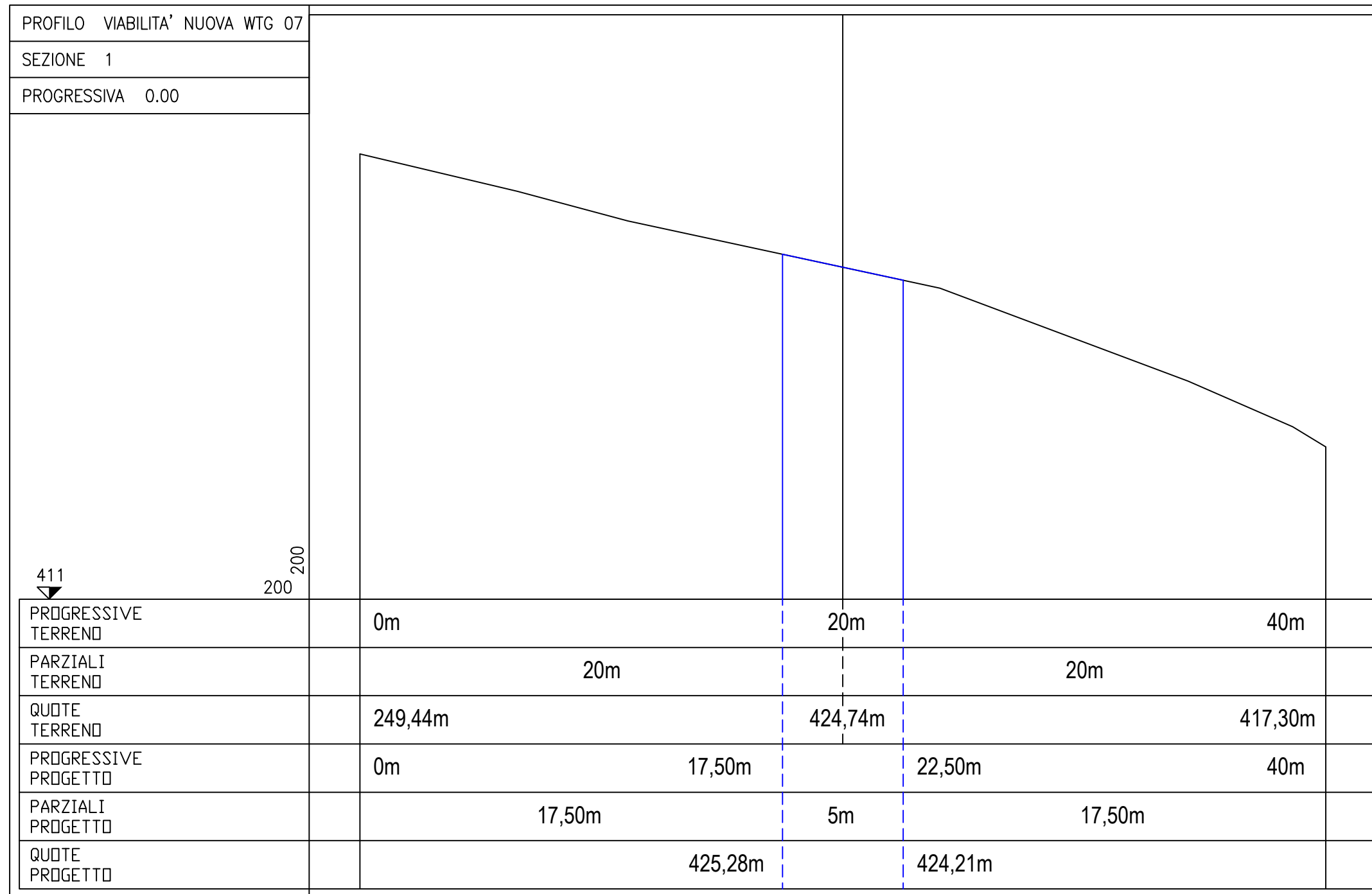


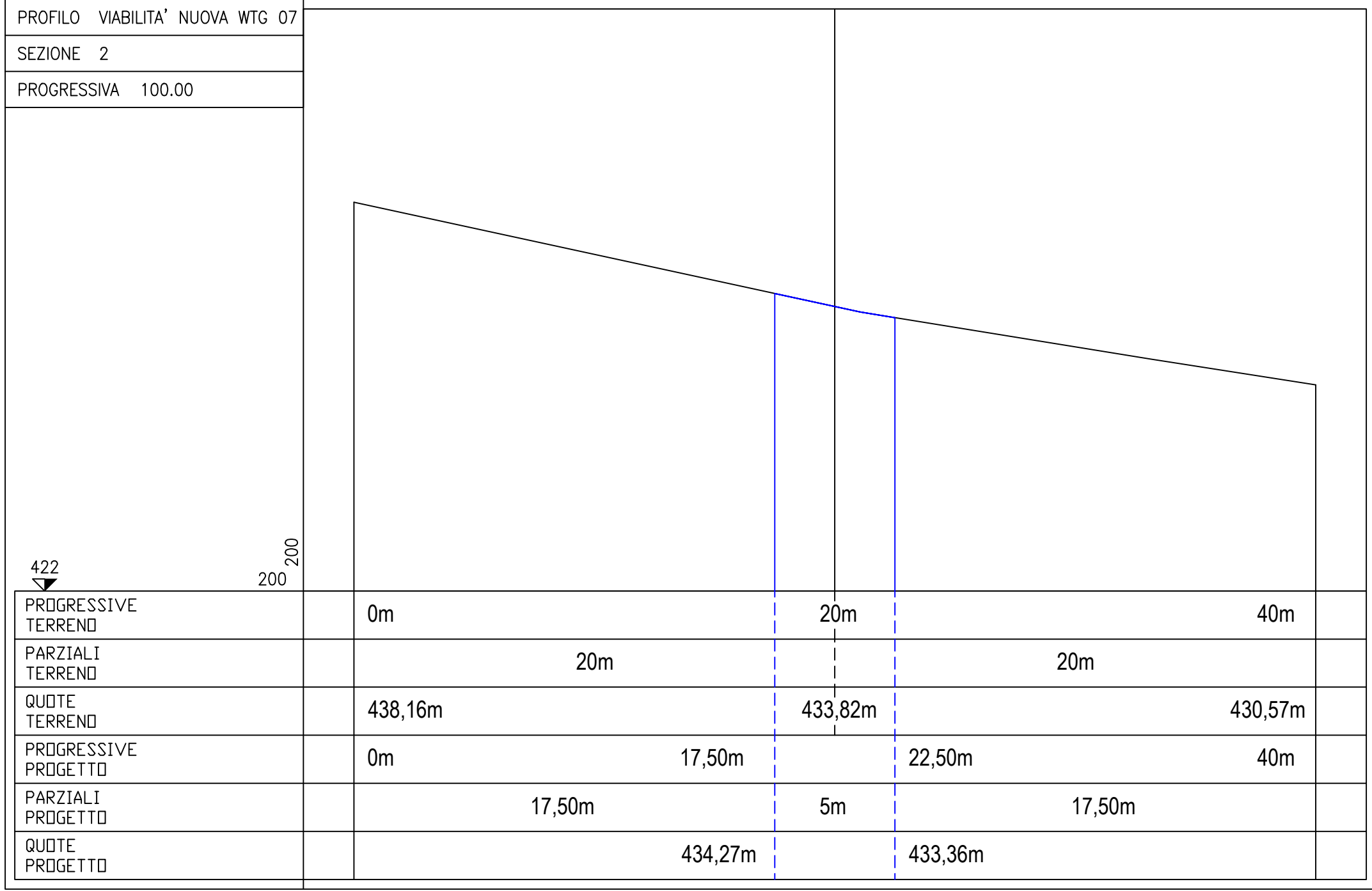


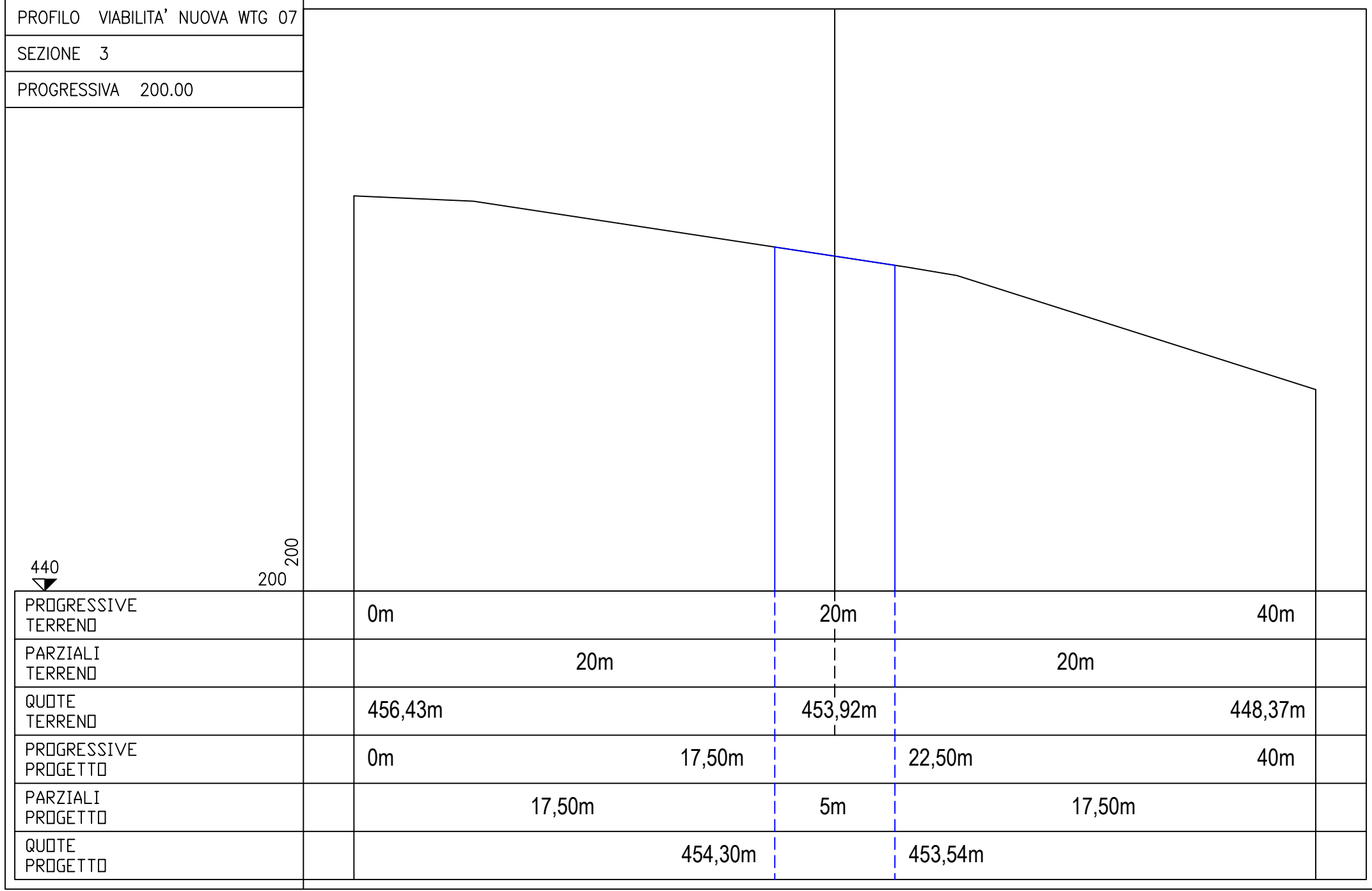


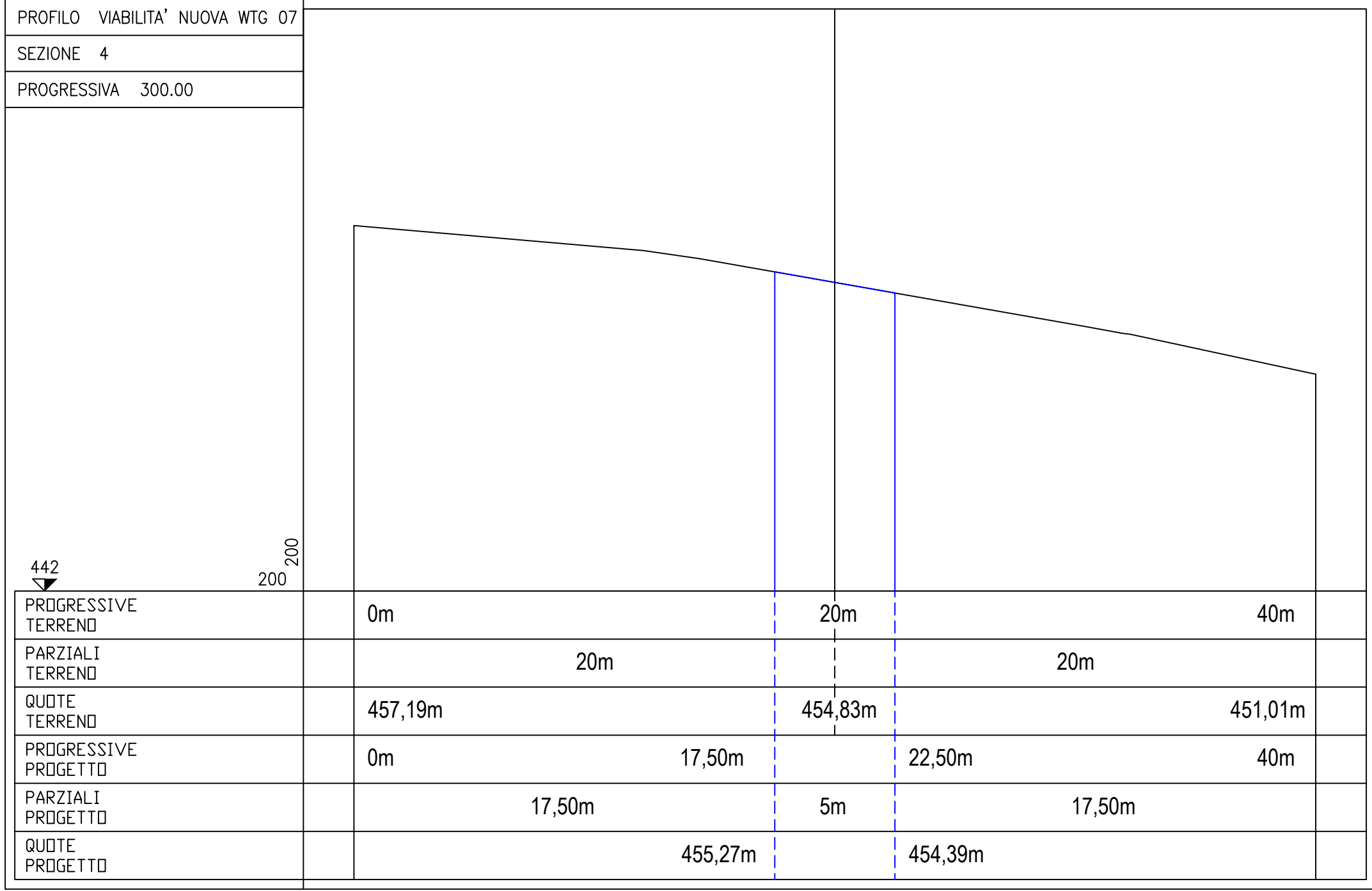


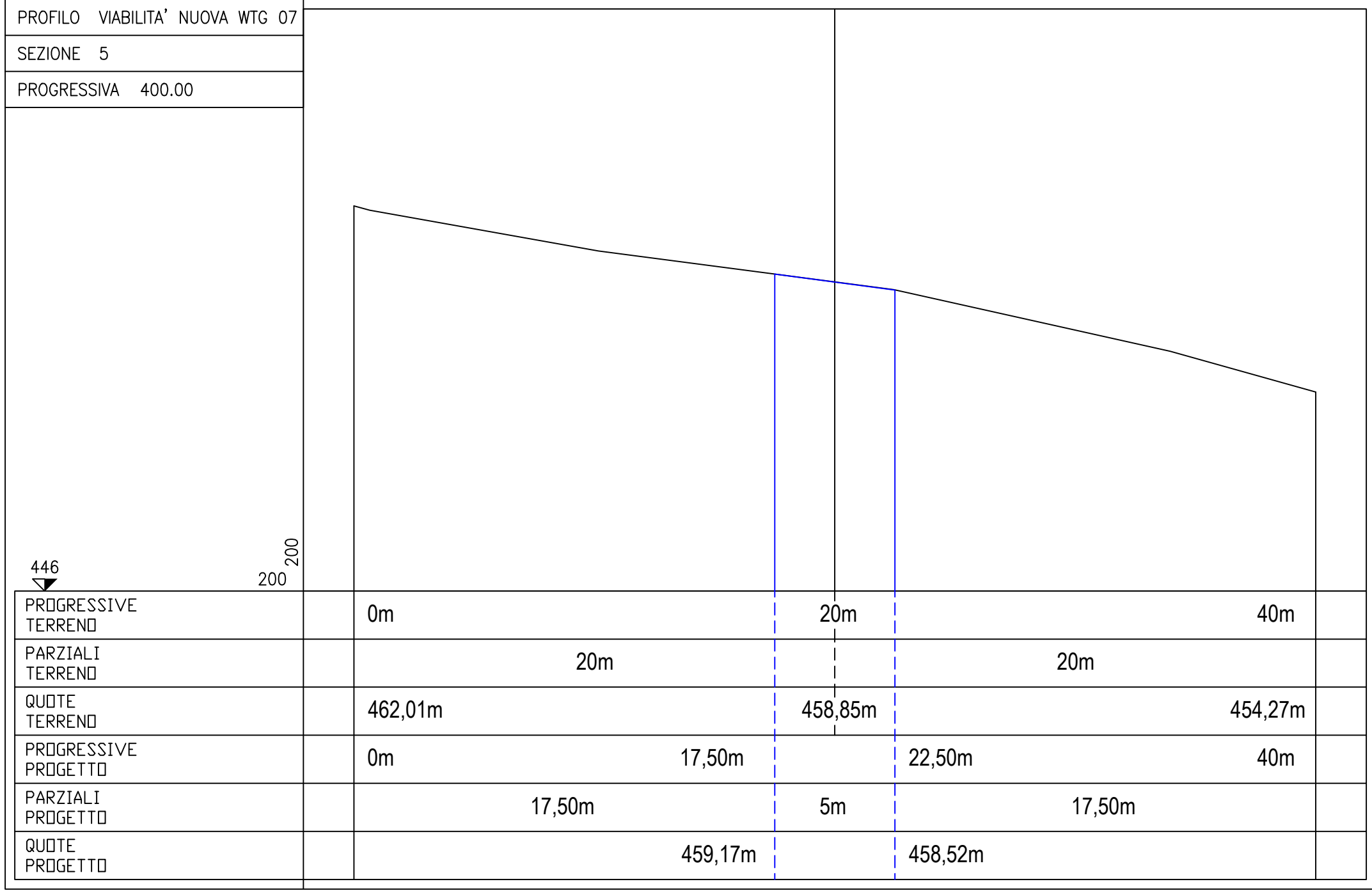
Viabilità di nuova realizzazione wtg 07

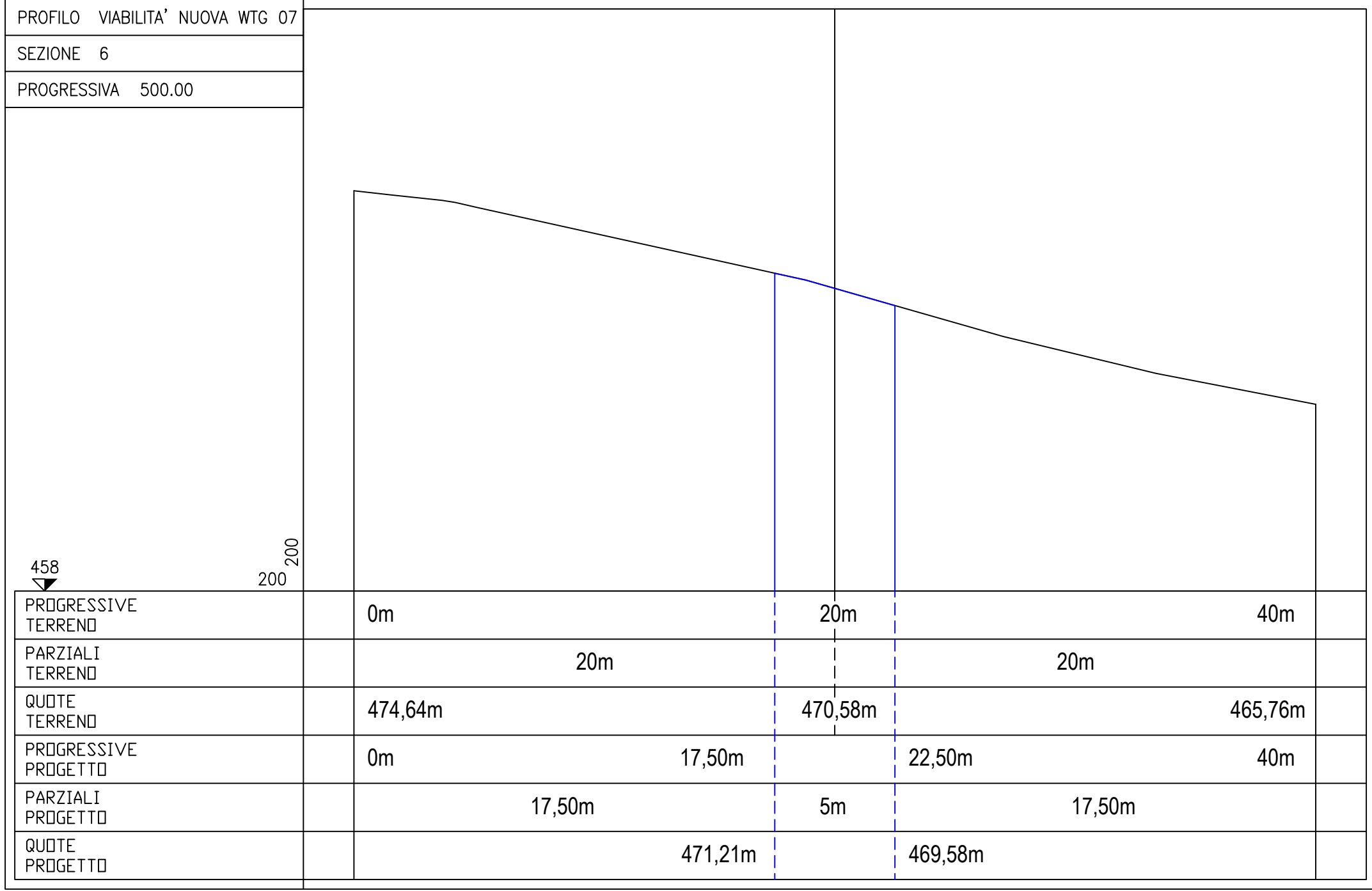




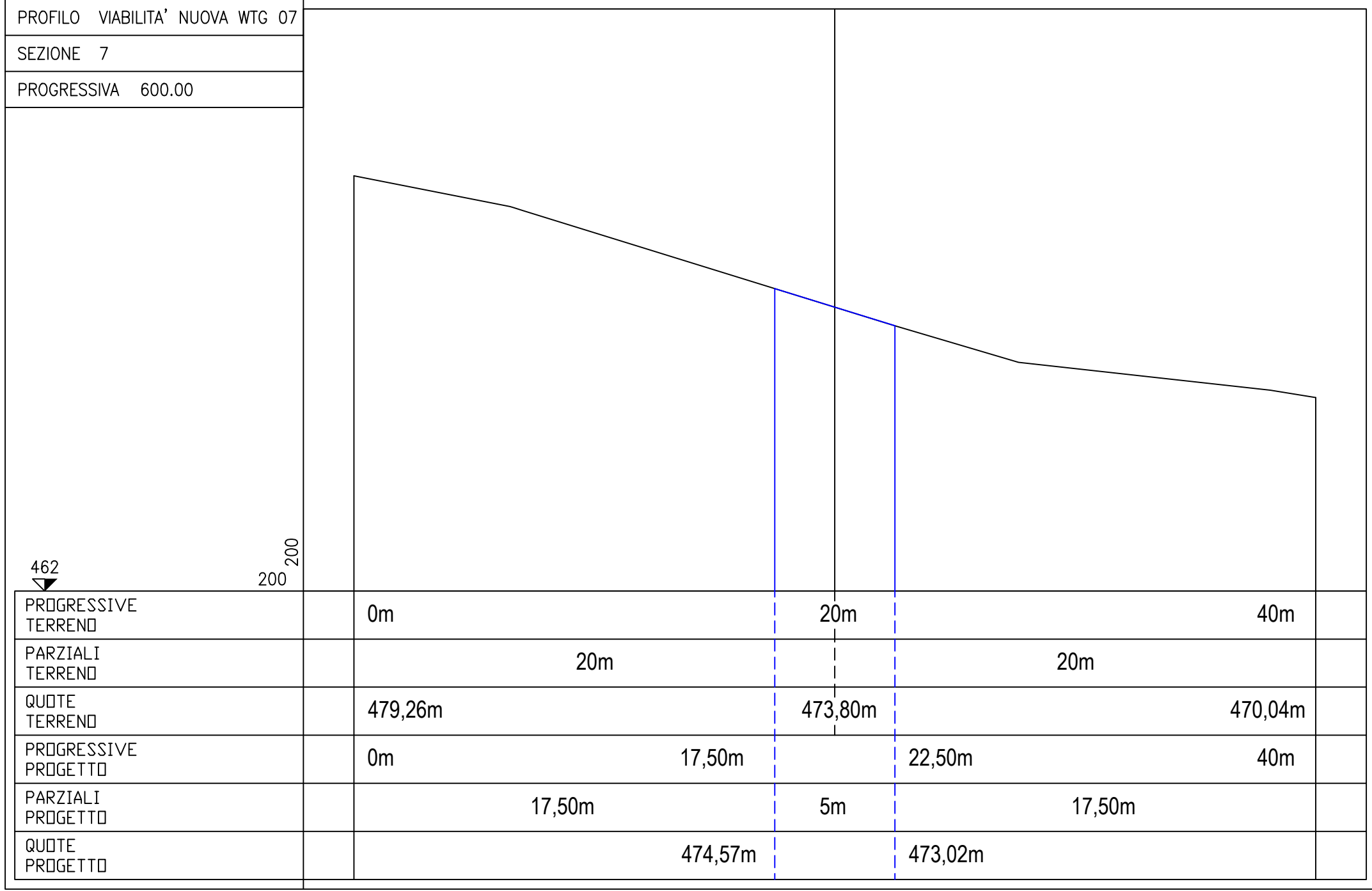


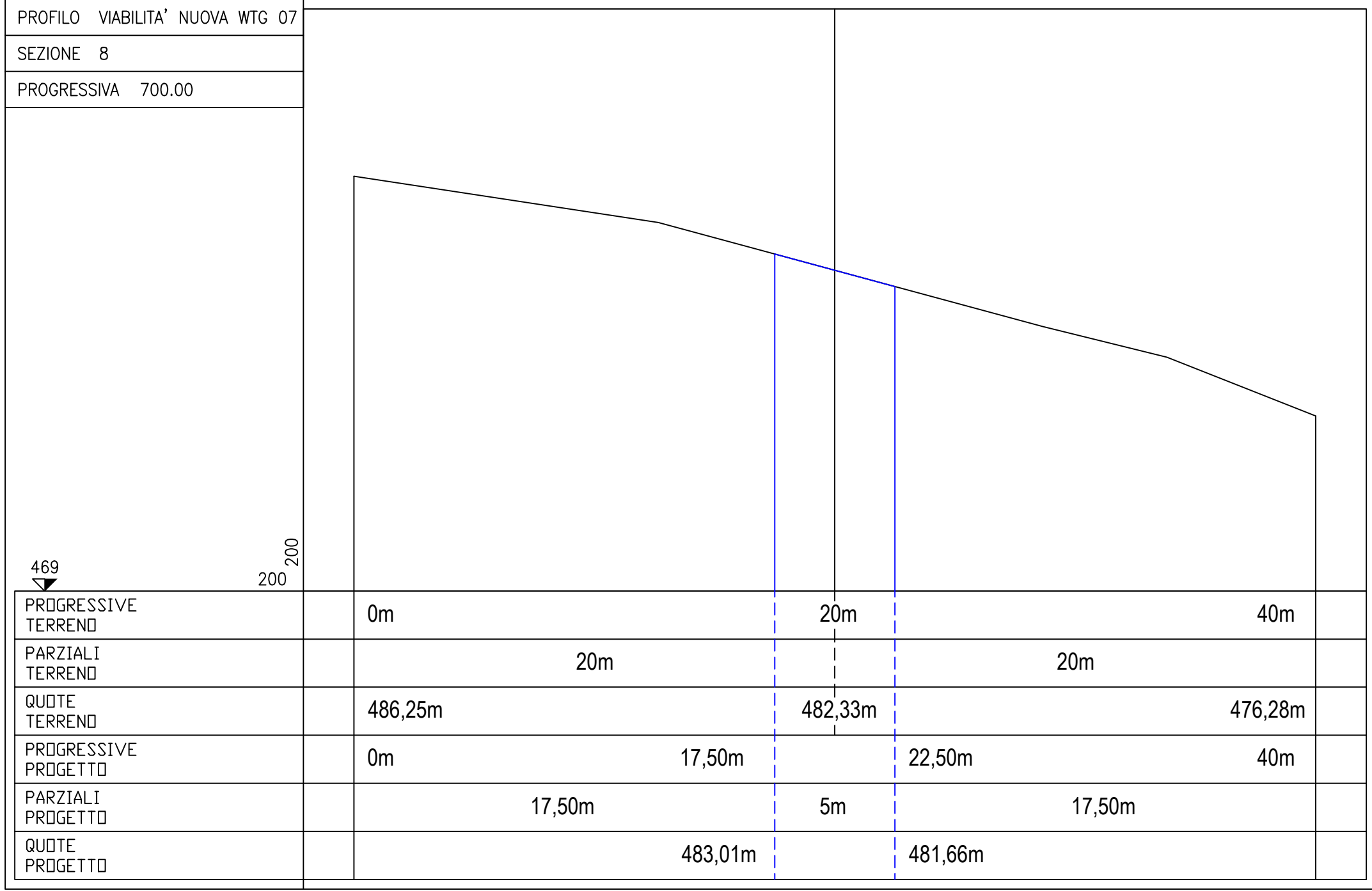


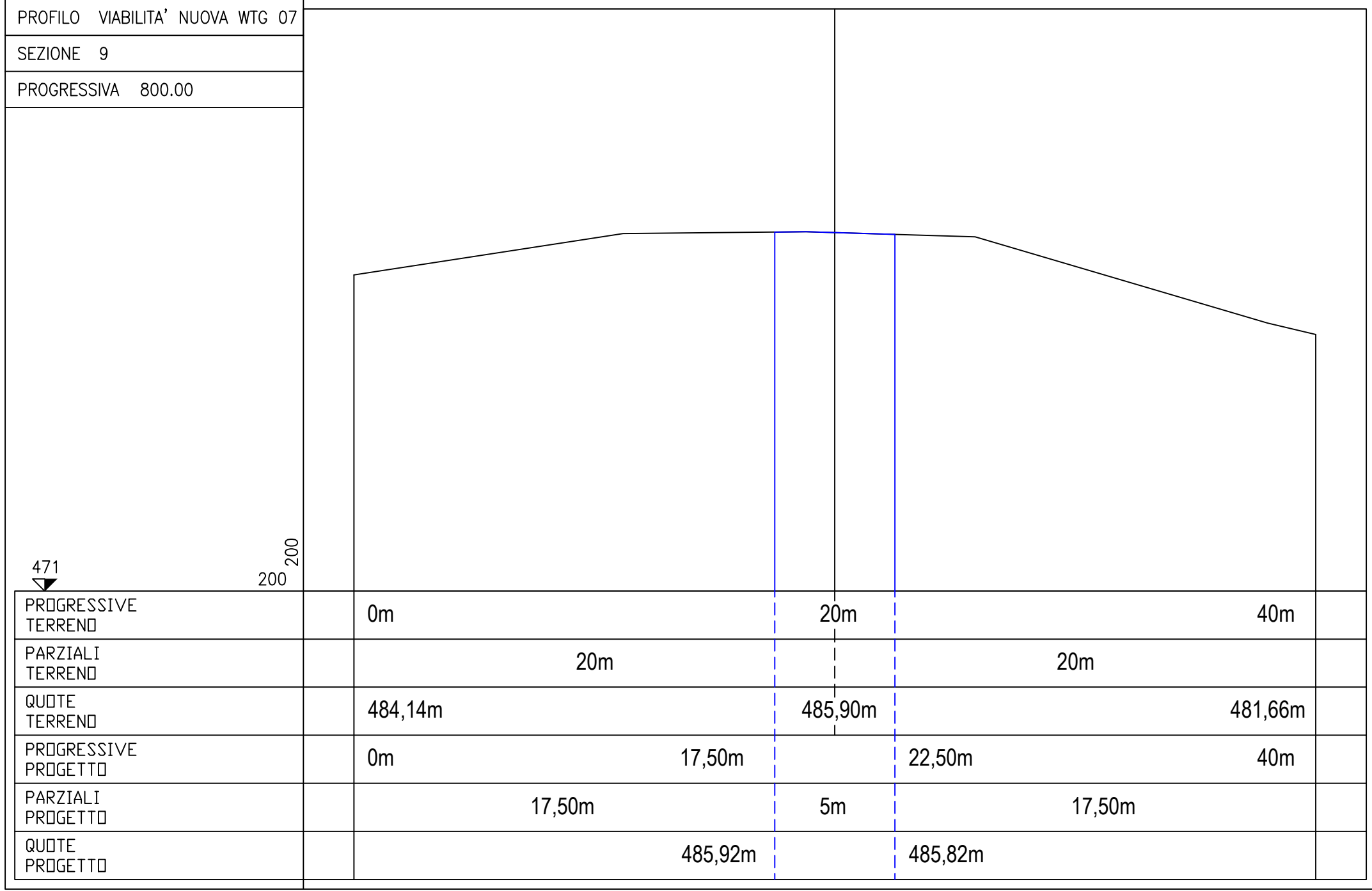


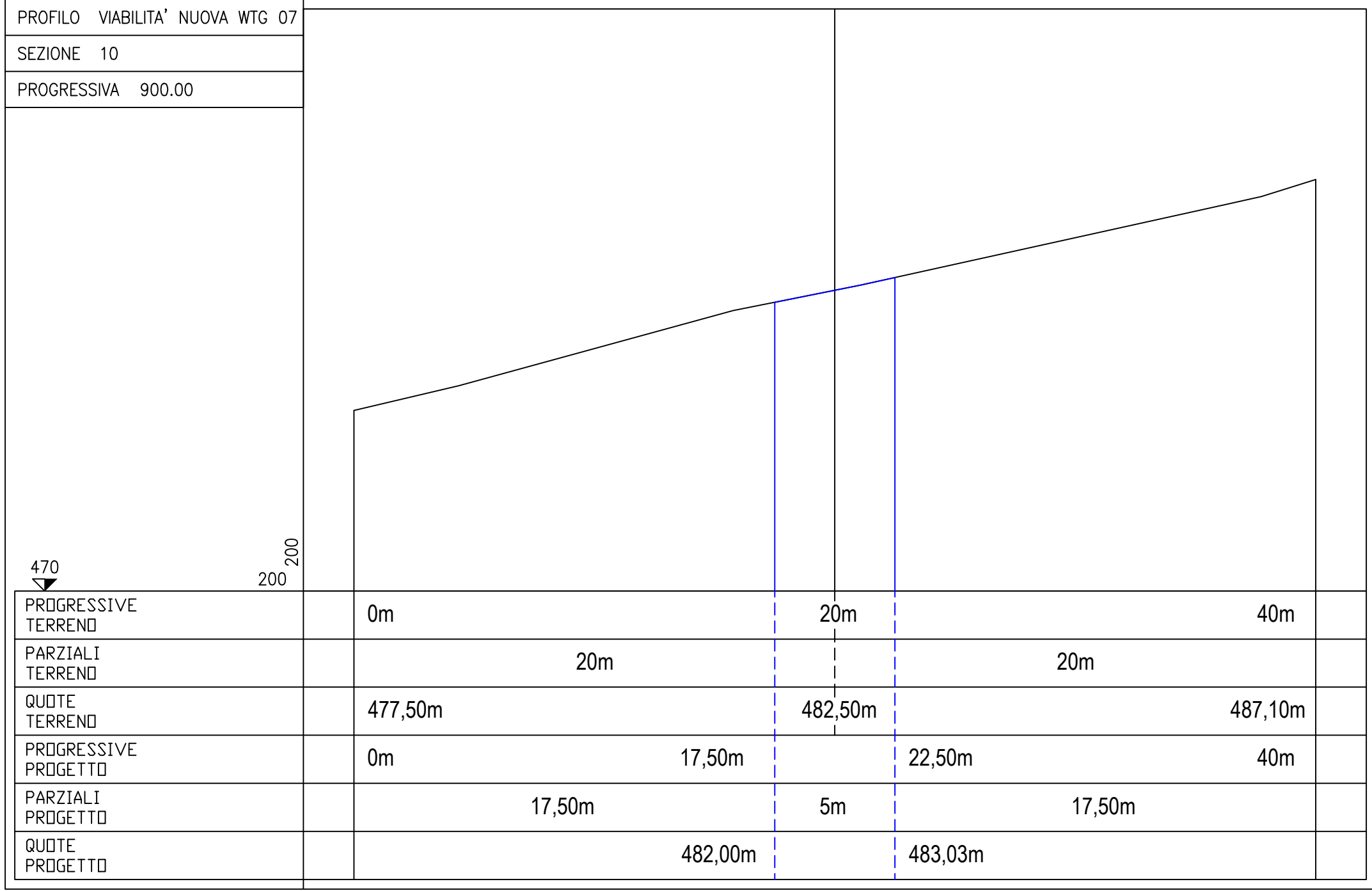


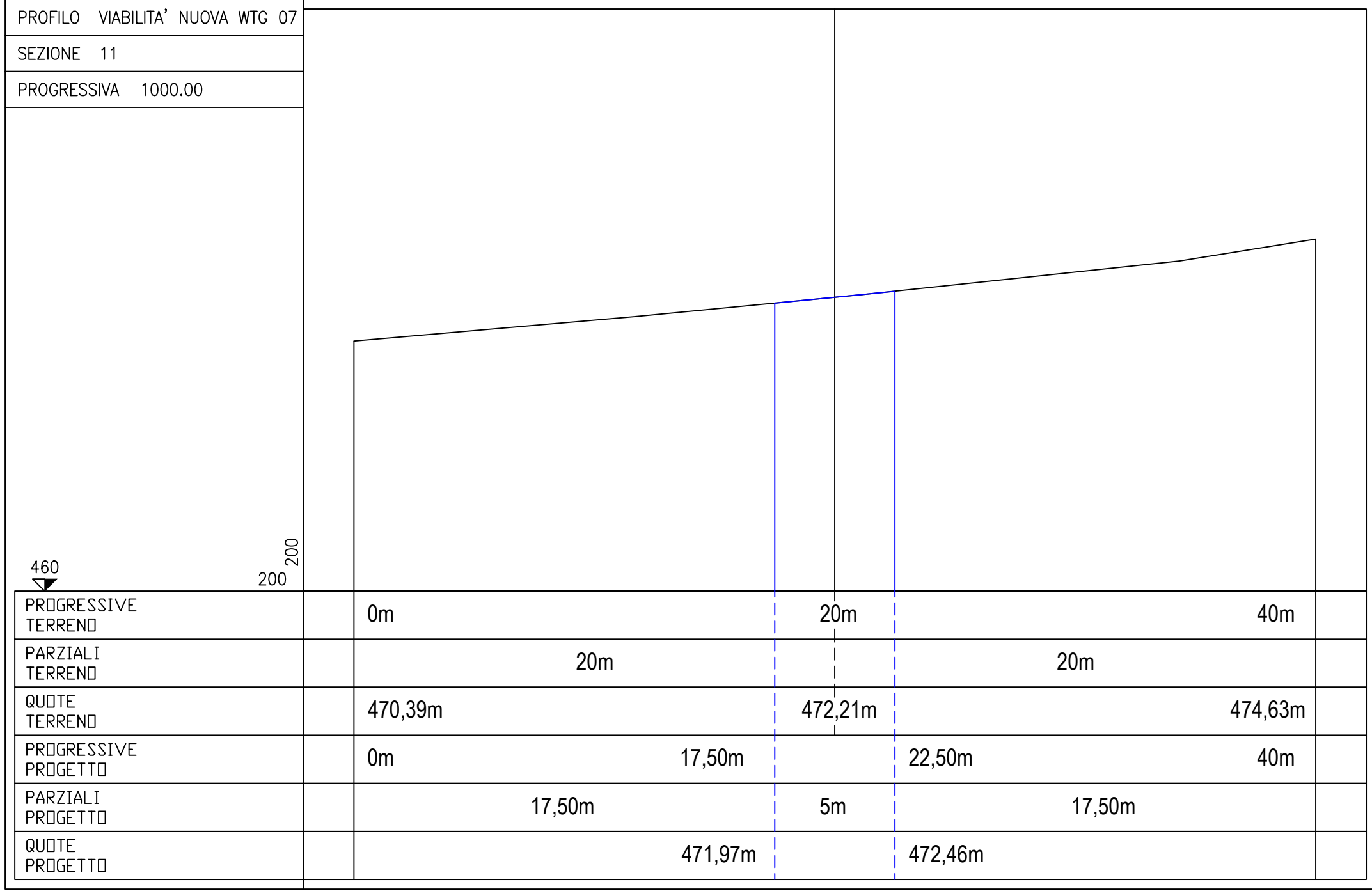


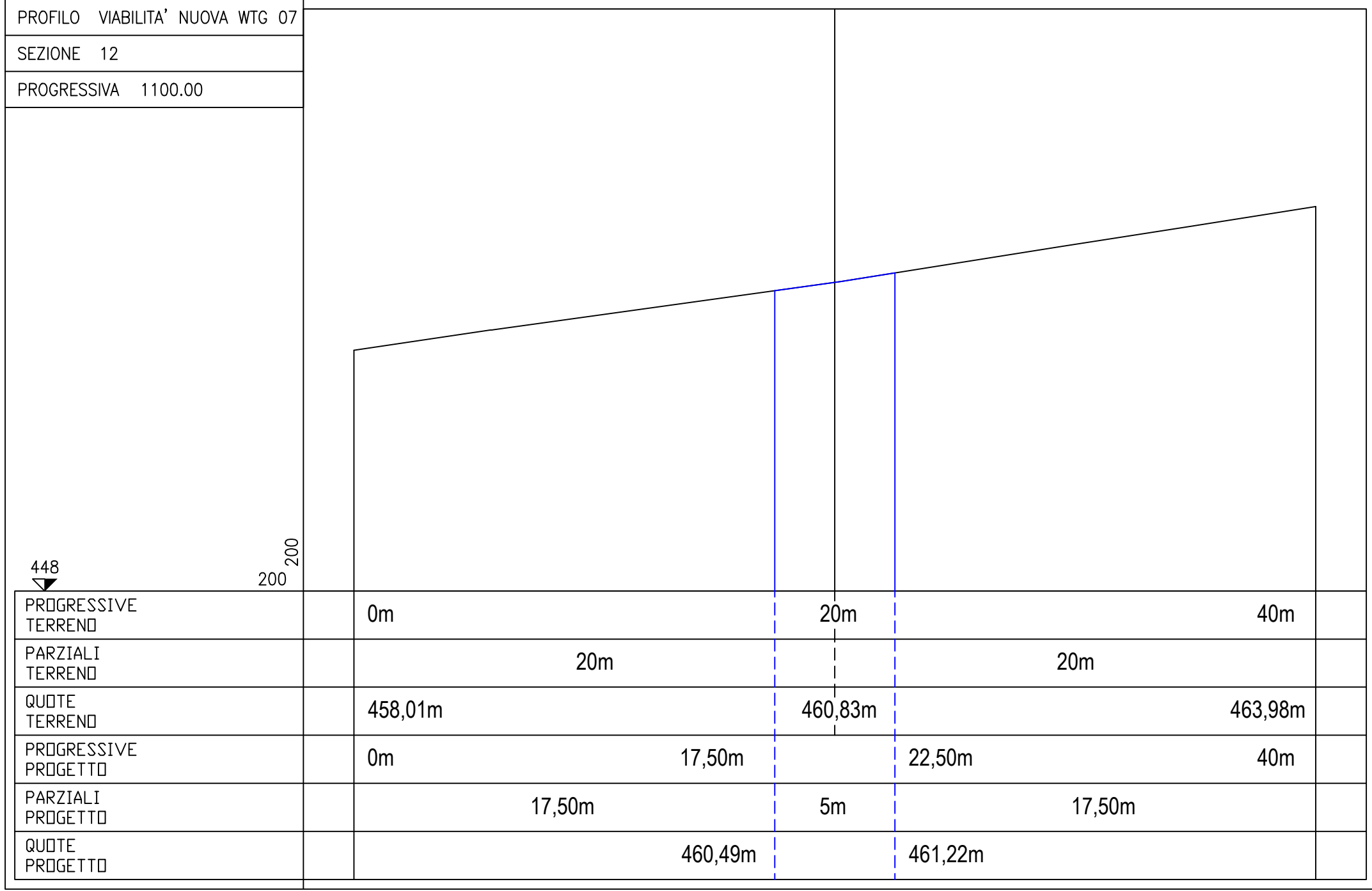


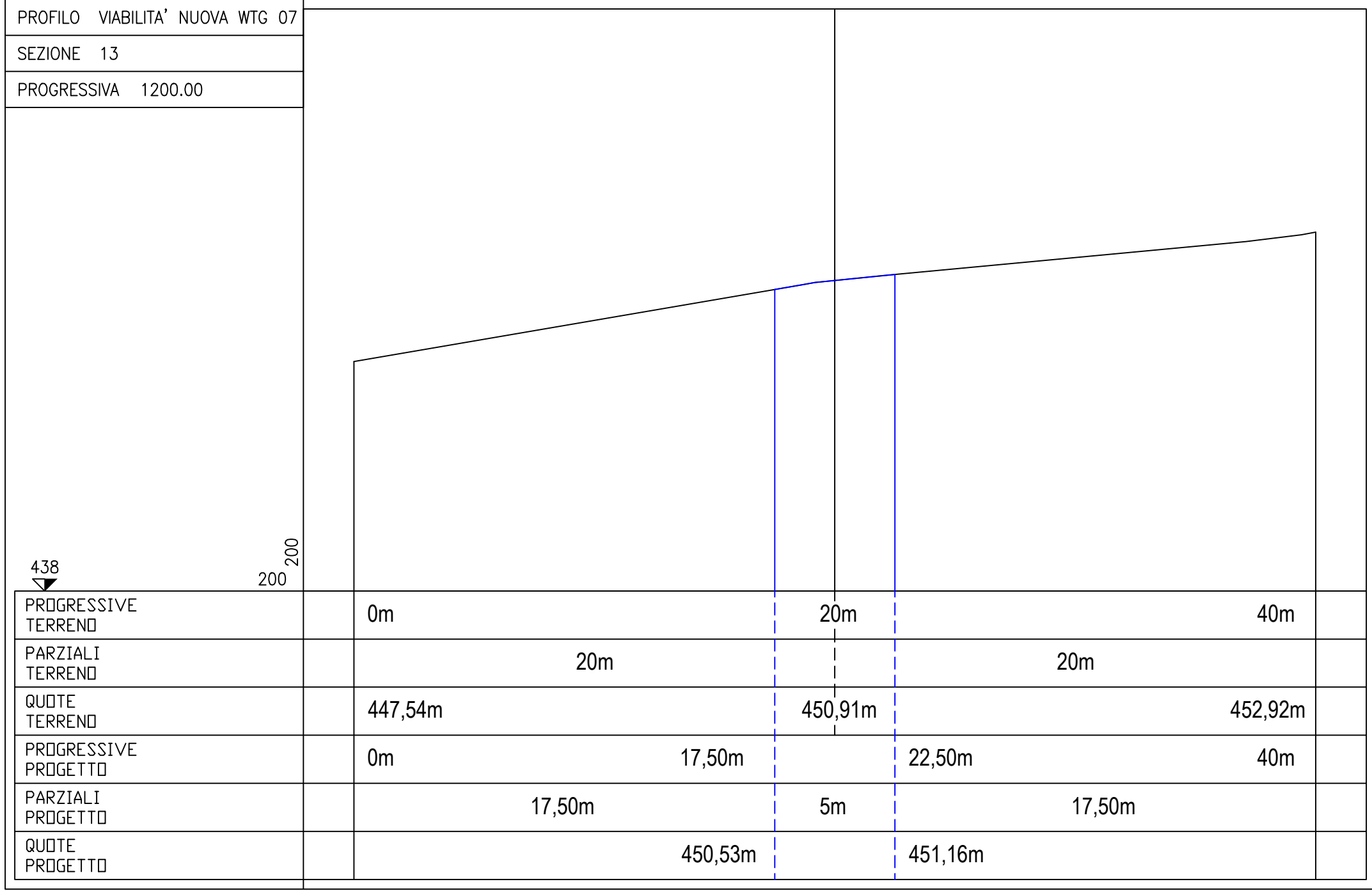


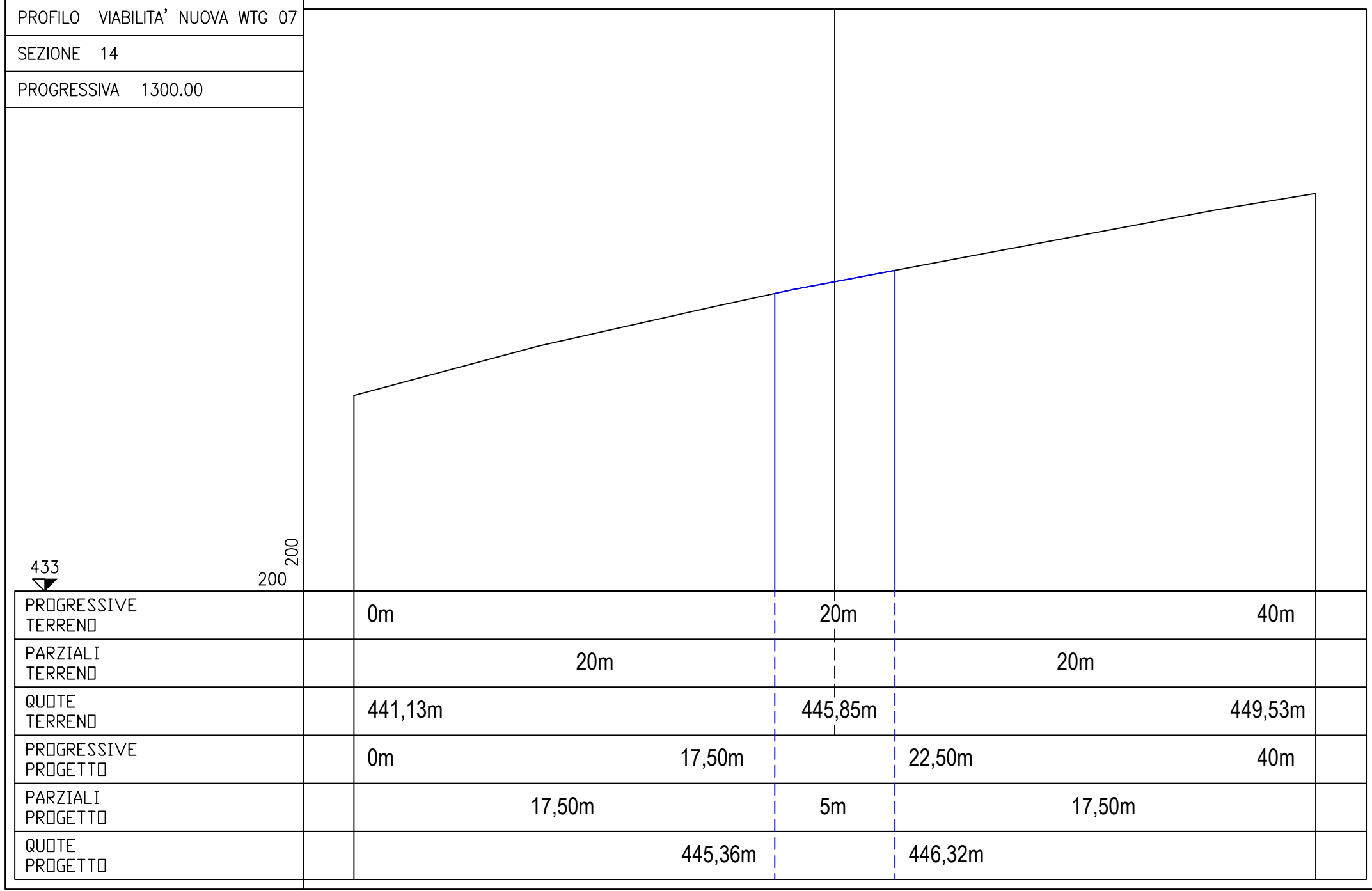




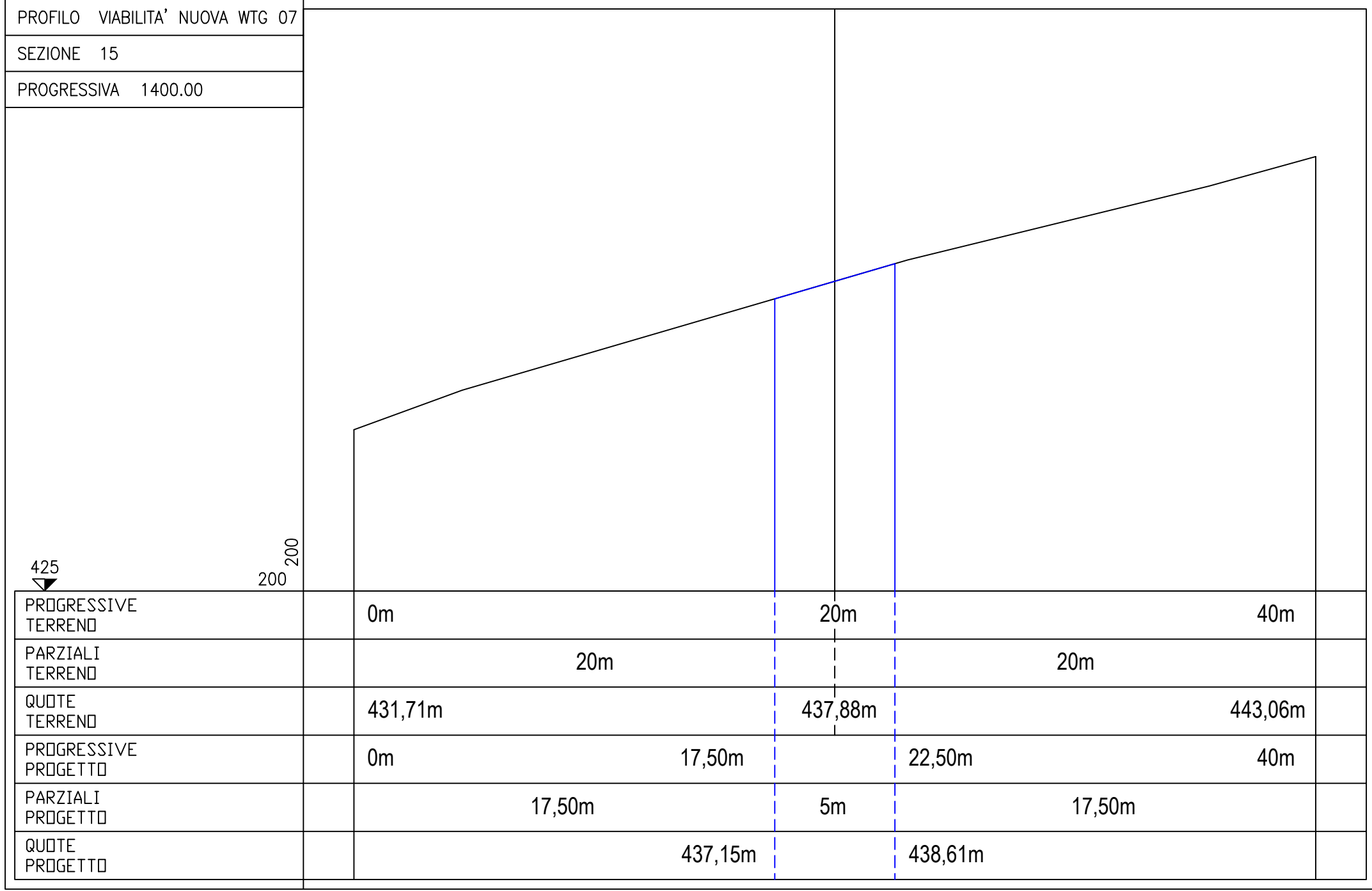


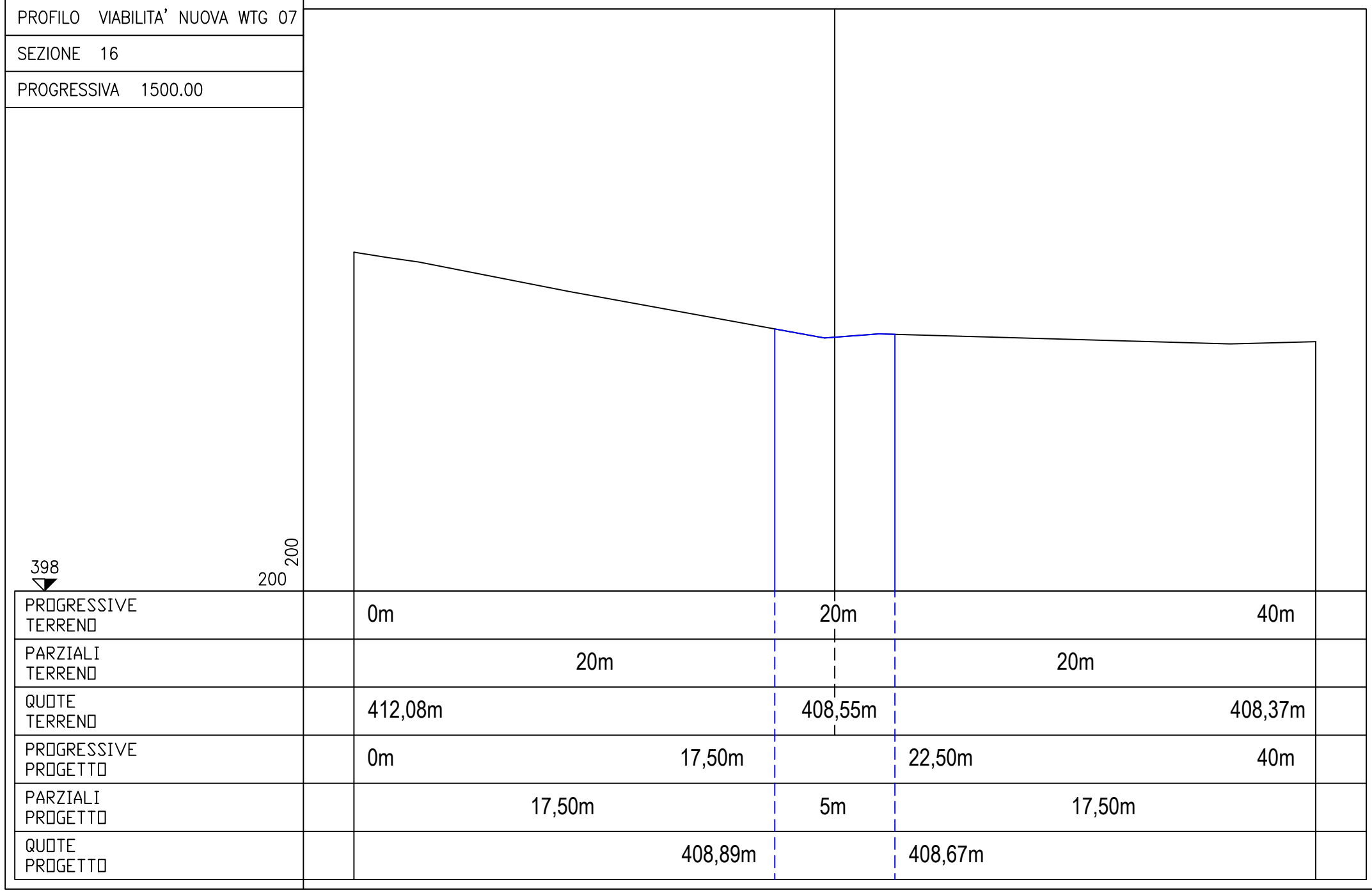


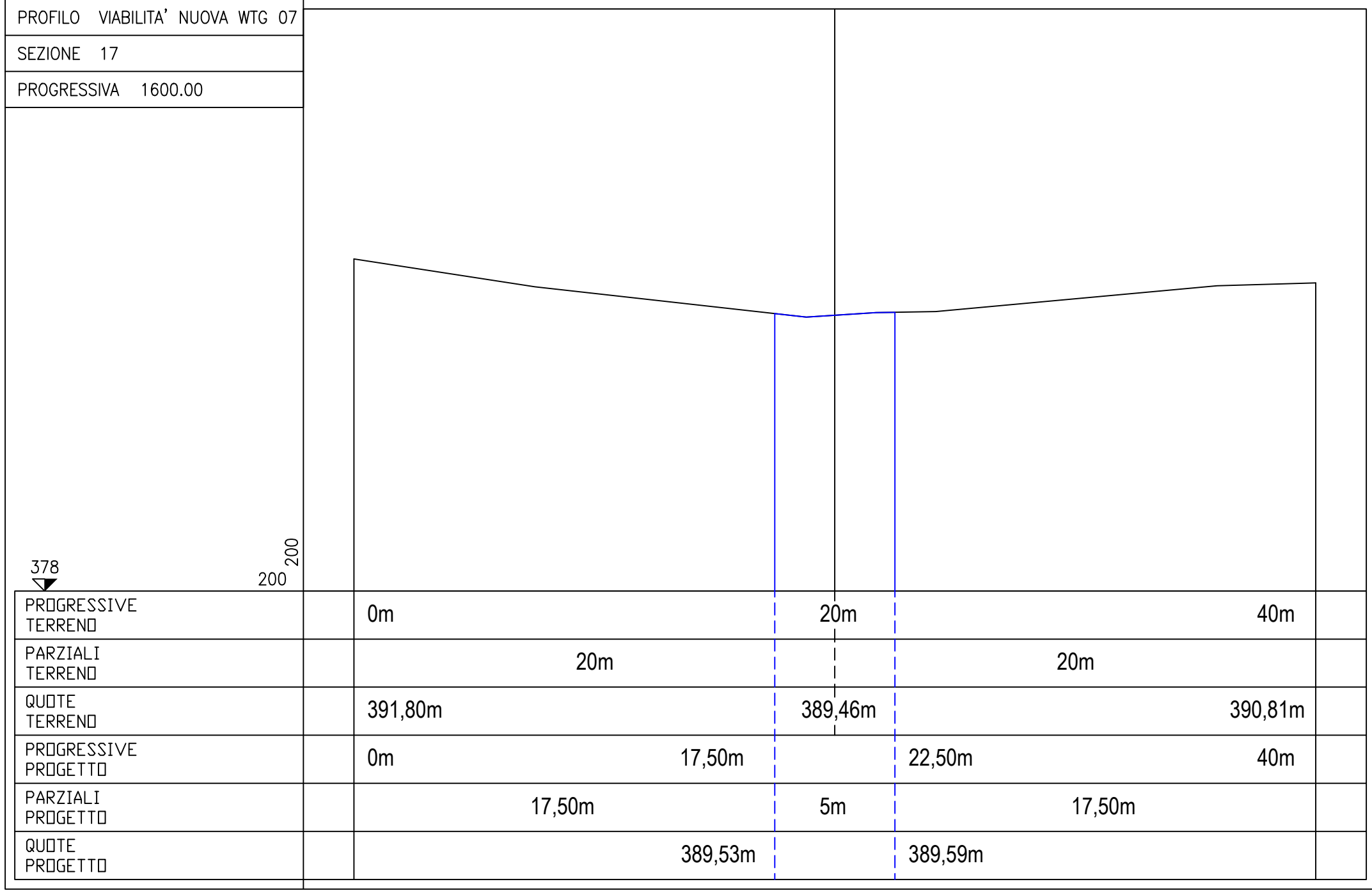




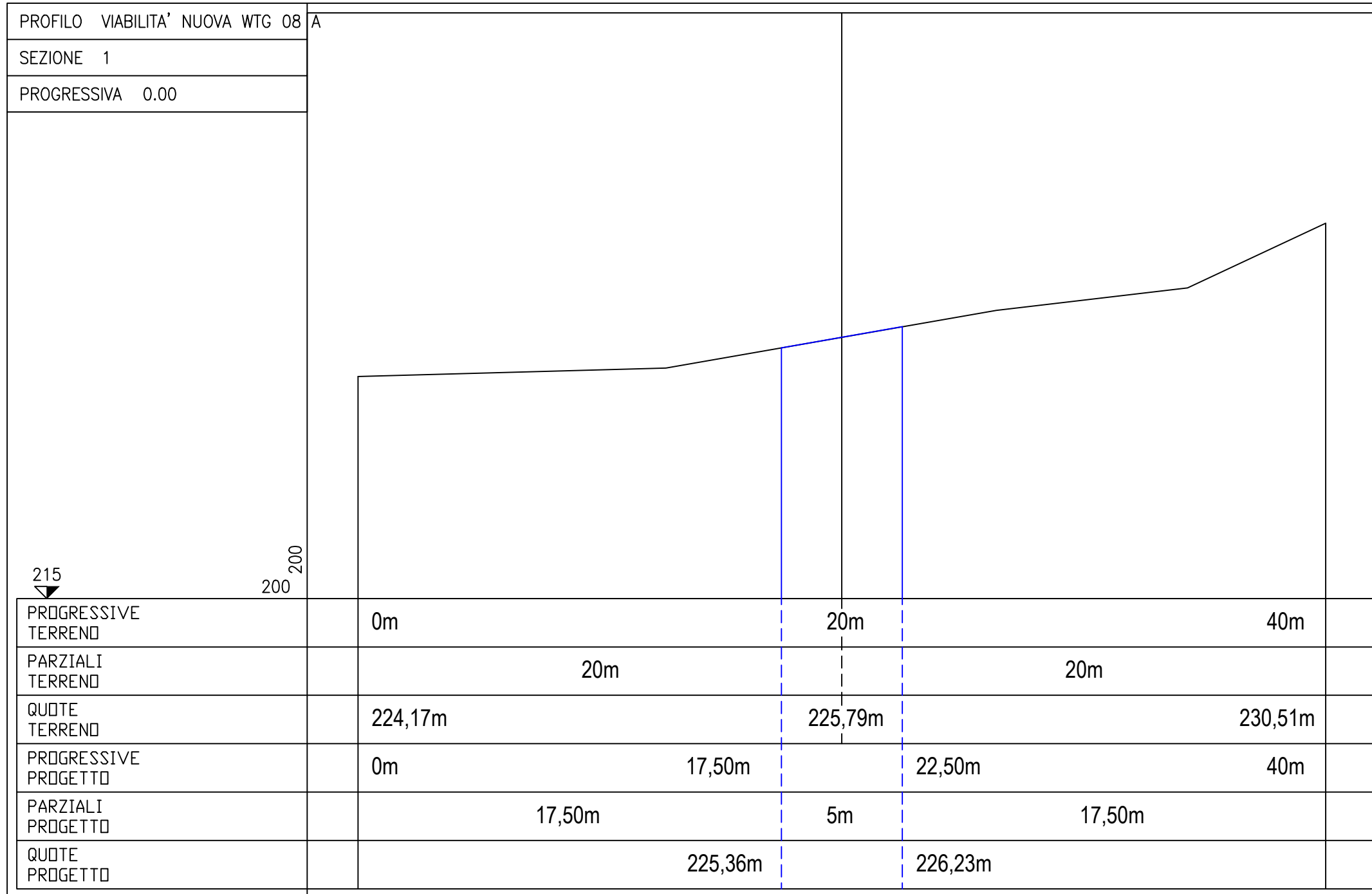




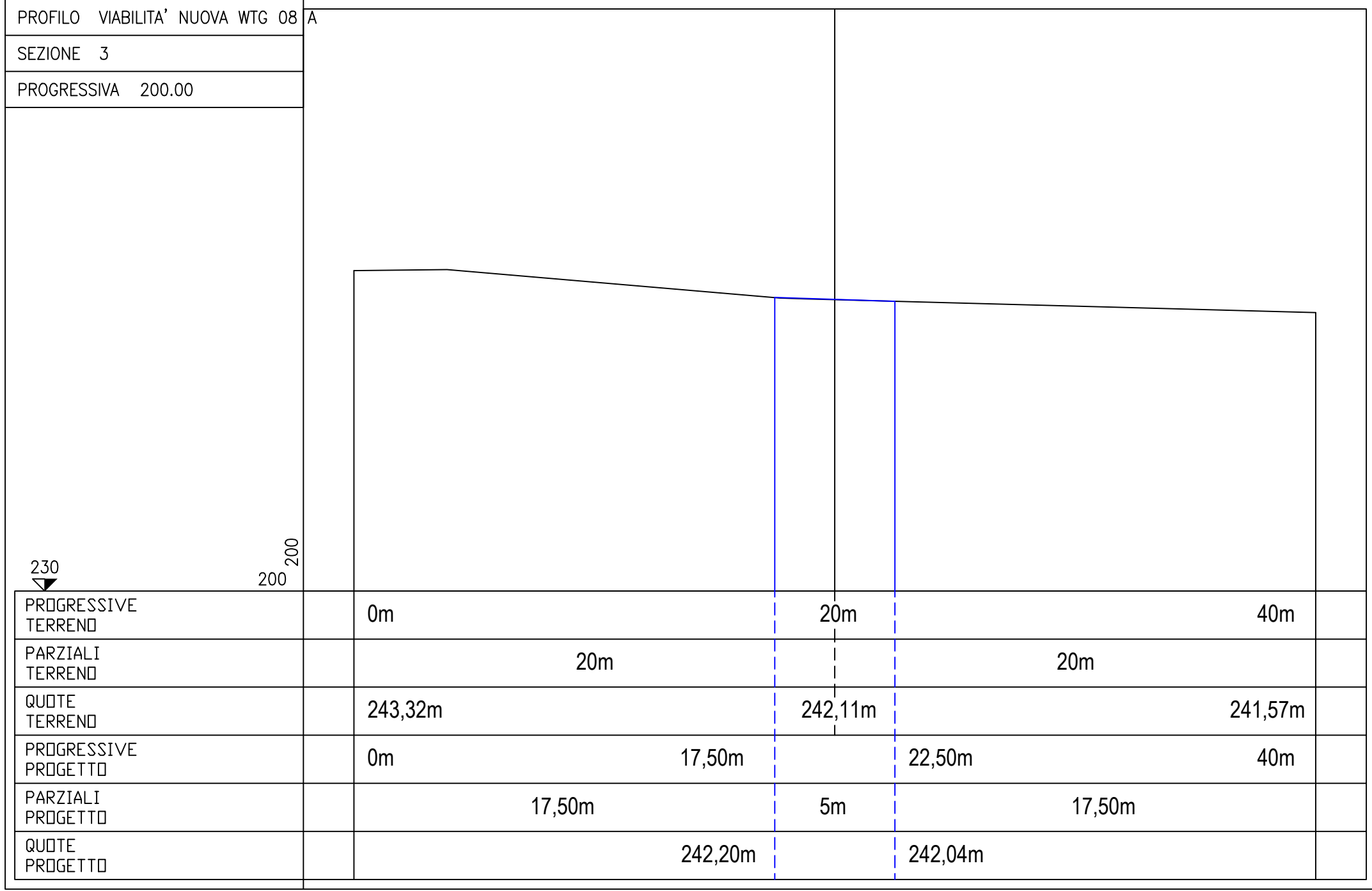




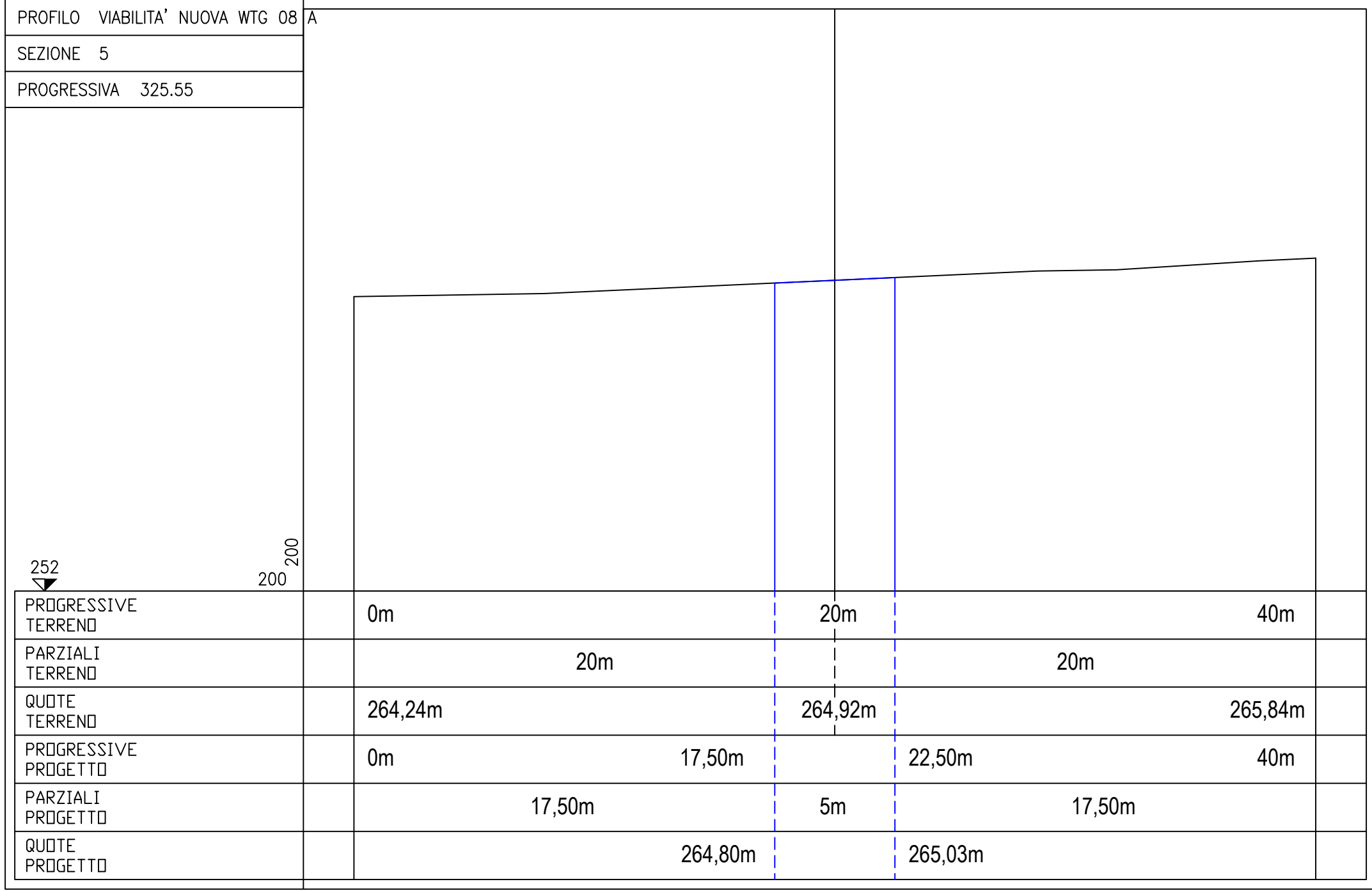
Viabilità di nuova realizzazione wtg 08A



PROFILO VIABILITA' NUOVA WTG 08	A			
SEZIONE 2				
PROGRESSIVA 100.00				
PROGRESSIVE TERRENO	0m	20m	40m	
PARZIALI TERRENO	20m		20m	
QUOTE TERRENO	225,88m	225,92m	226,34m	
PROGRESSIVE PROGETTO	0m	17,50m	22,50m	40m
PARZIALI PROGETTO	17,50m	5m	17,50m	
QUOTE PROGETTO	225,87m		225,99m	

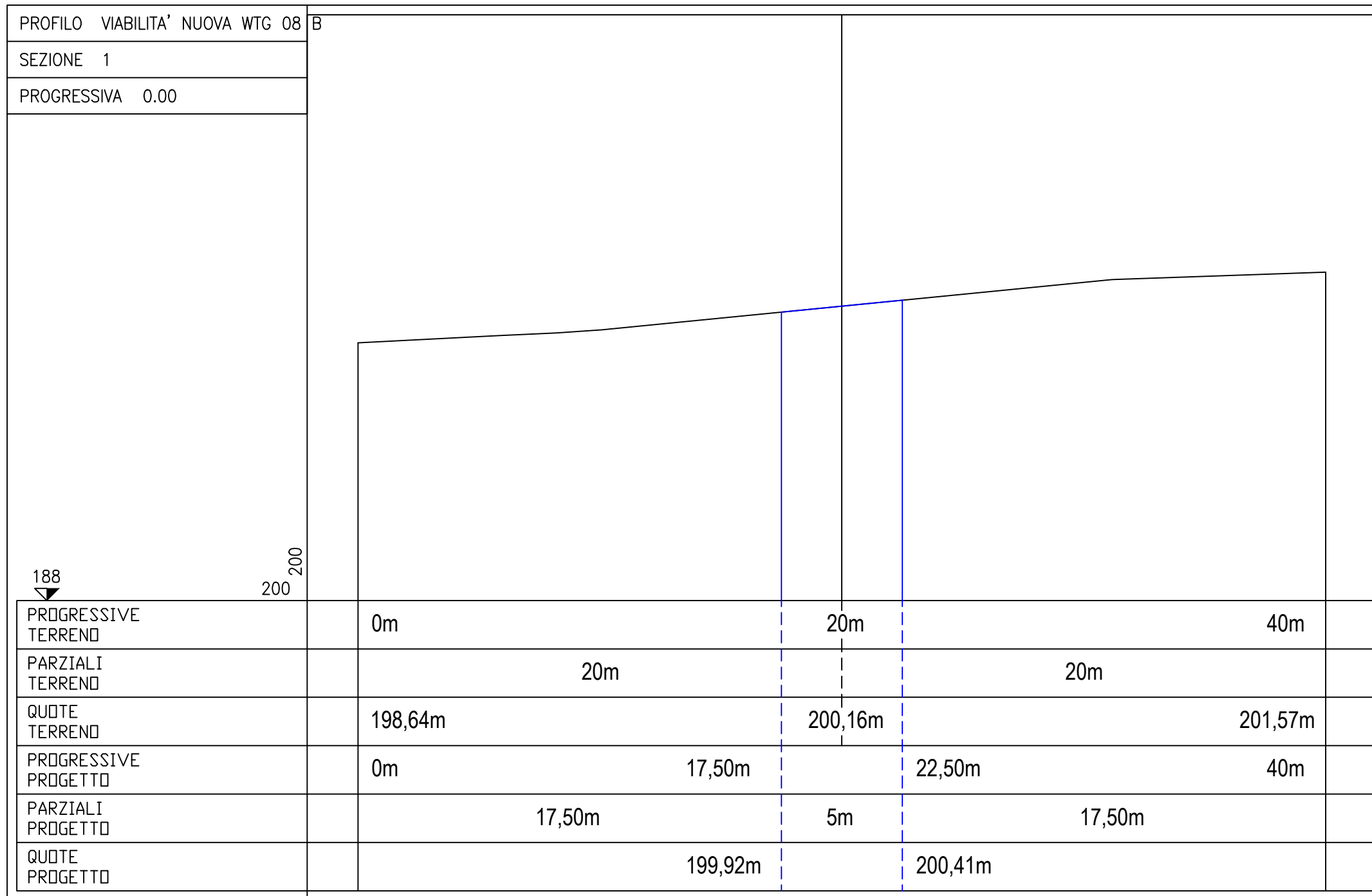


PROFILO VIABILITA' NUOVA WTG 08	A			
SEZIONE 4				
PROGRESSIVA 300.00				
PROGRESSIVE TERRENO	0m	20m	40m	
PARZIALI TERRENO	20m		20m	
QUOTE TERRENO	262,87m	262,93m	262,74m	
PROGRESSIVE PROGETTO	0m	17,50m	22,50m	40m
PARZIALI PROGETTO	17,50m	5m	17,50m	
QUOTE PROGETTO	262,92m	262,93m		



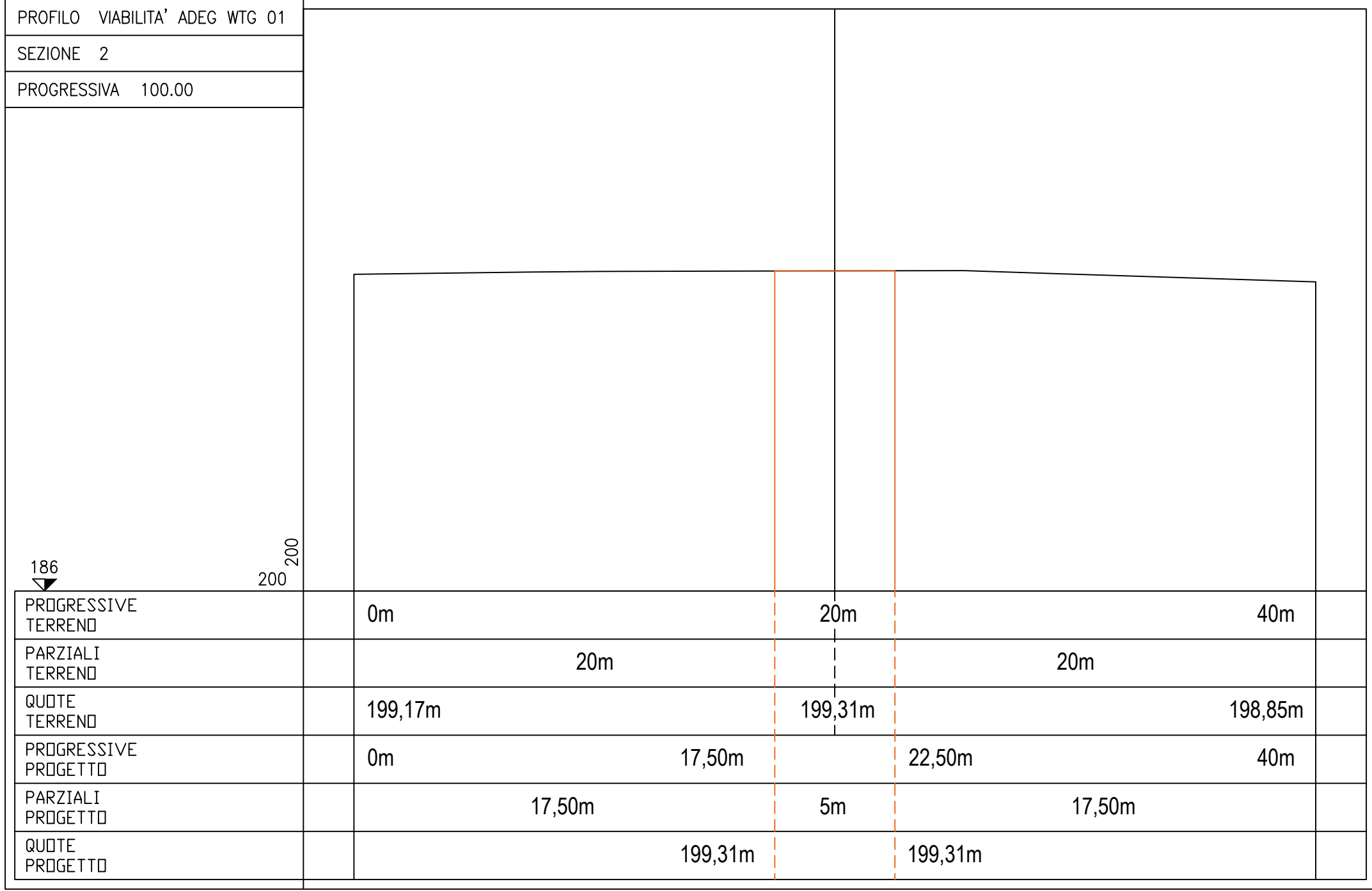


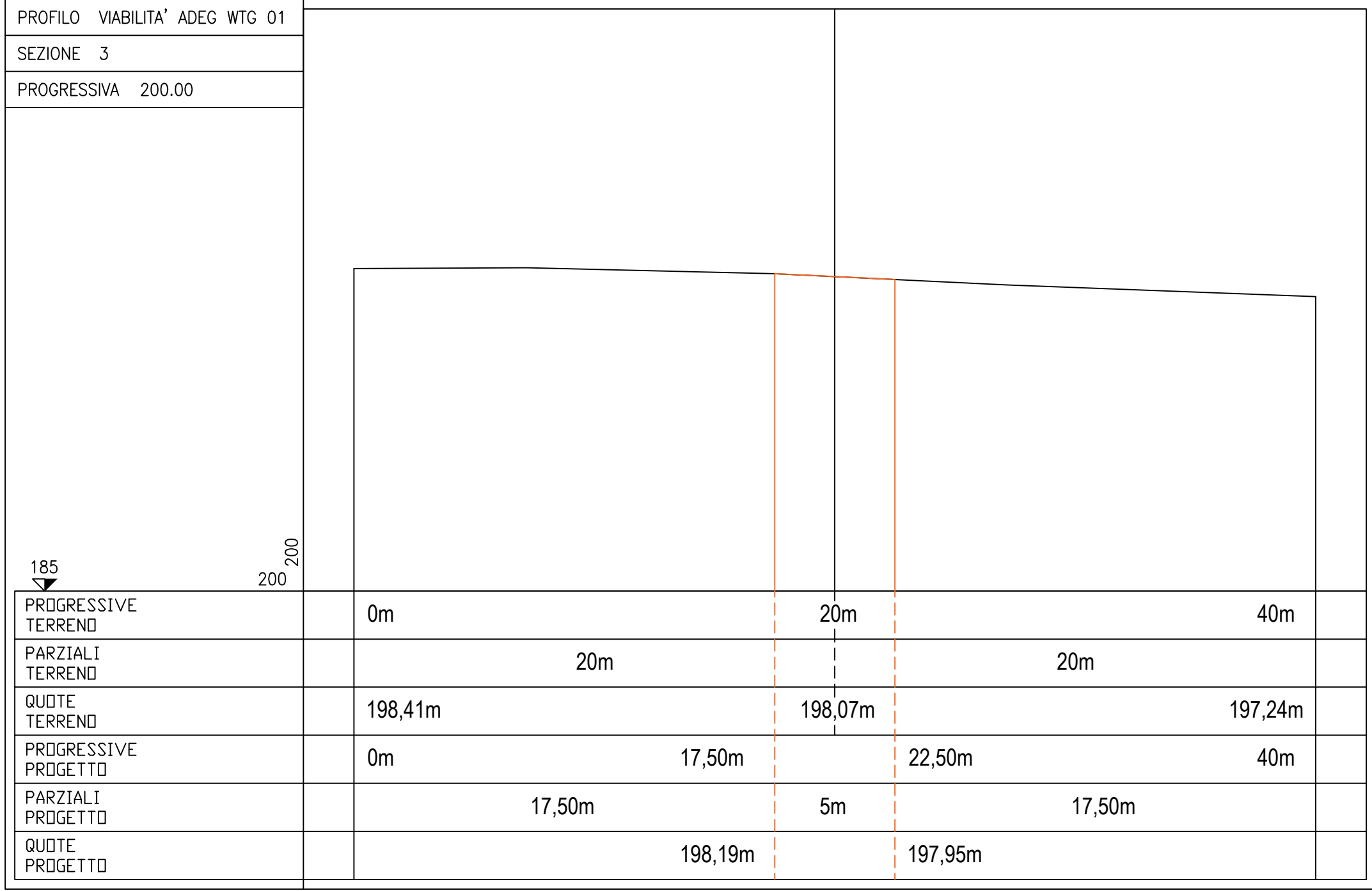
Viabilità di nuova realizzazione wtg 08B









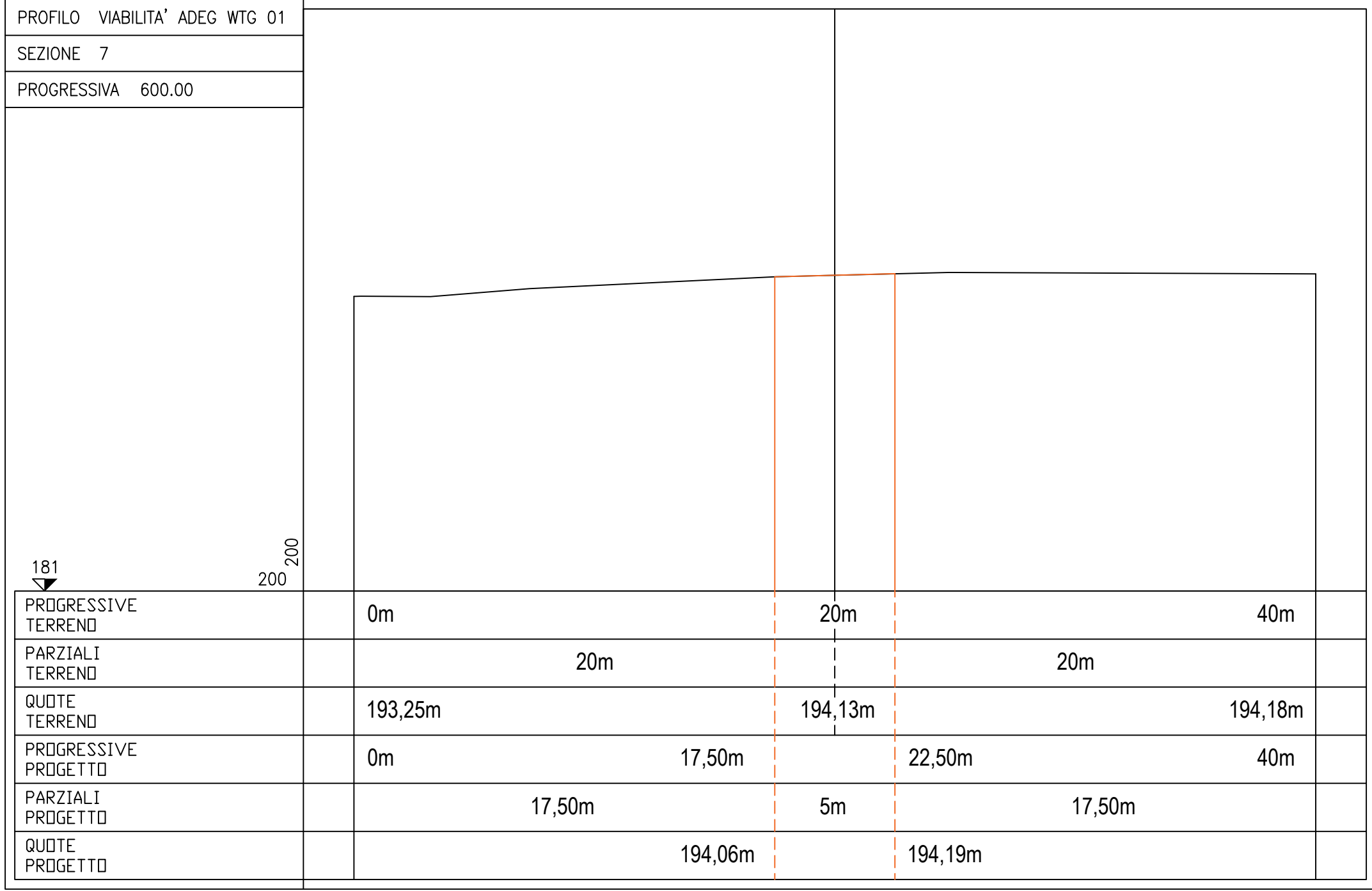


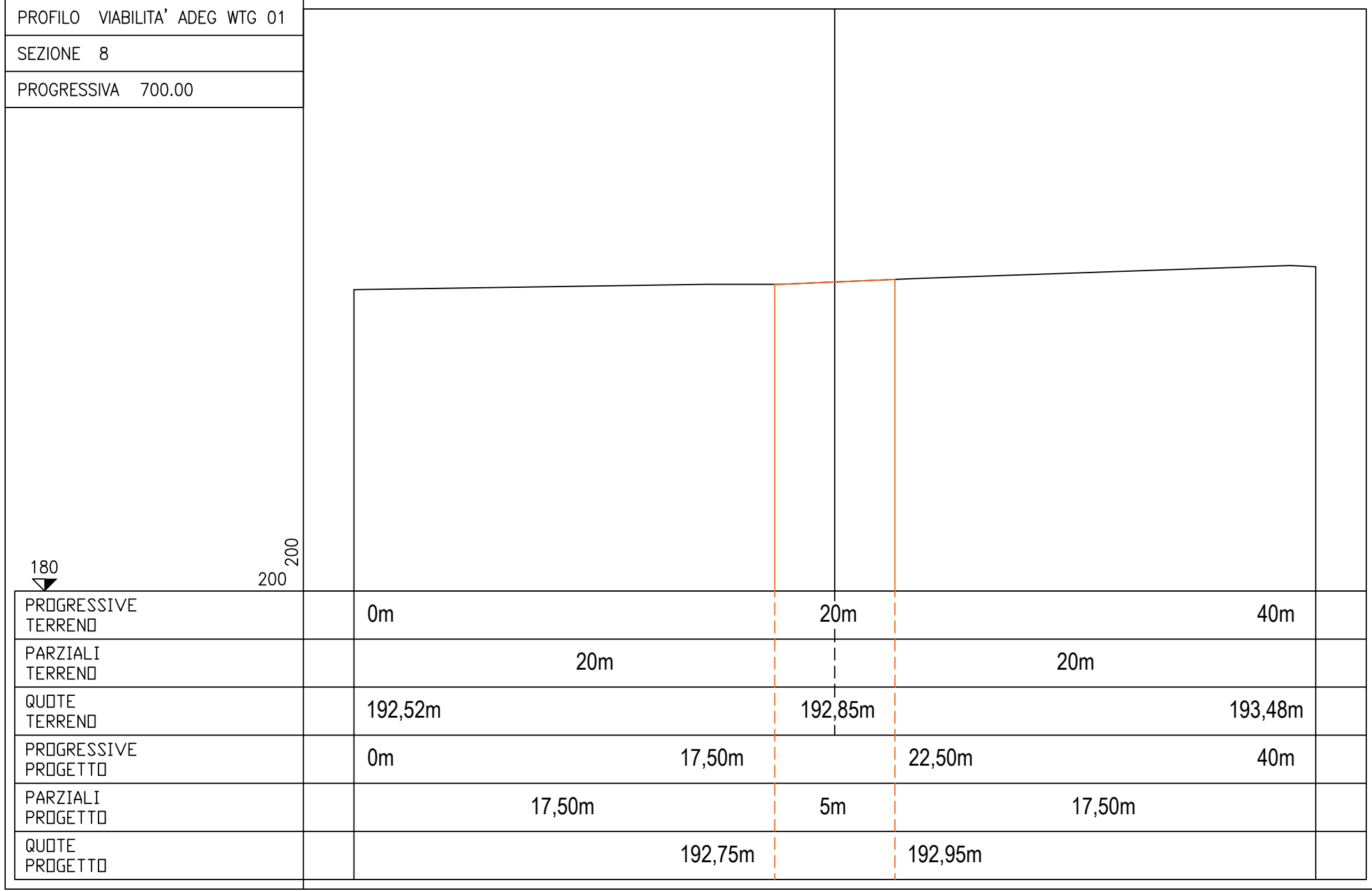
PROFILO VIABILITA' ADEG WTG 01				
SEZIONE 4				
PROGRESSIVA 300.00				
184 ▼ 200	200			
PROGRESSIVE TERRENO	0m		20m	40m
PARZIALI TERRENO		20m		20m
QUOTE TERRENO	196,59m		196,07m	195,93m
PROGRESSIVE PROGETTO	0m	17,50m		22,50m
PARZIALI PROGETTO		17,50m	5m	17,50m
QUOTE PROGETTO		196,10m		196,04m

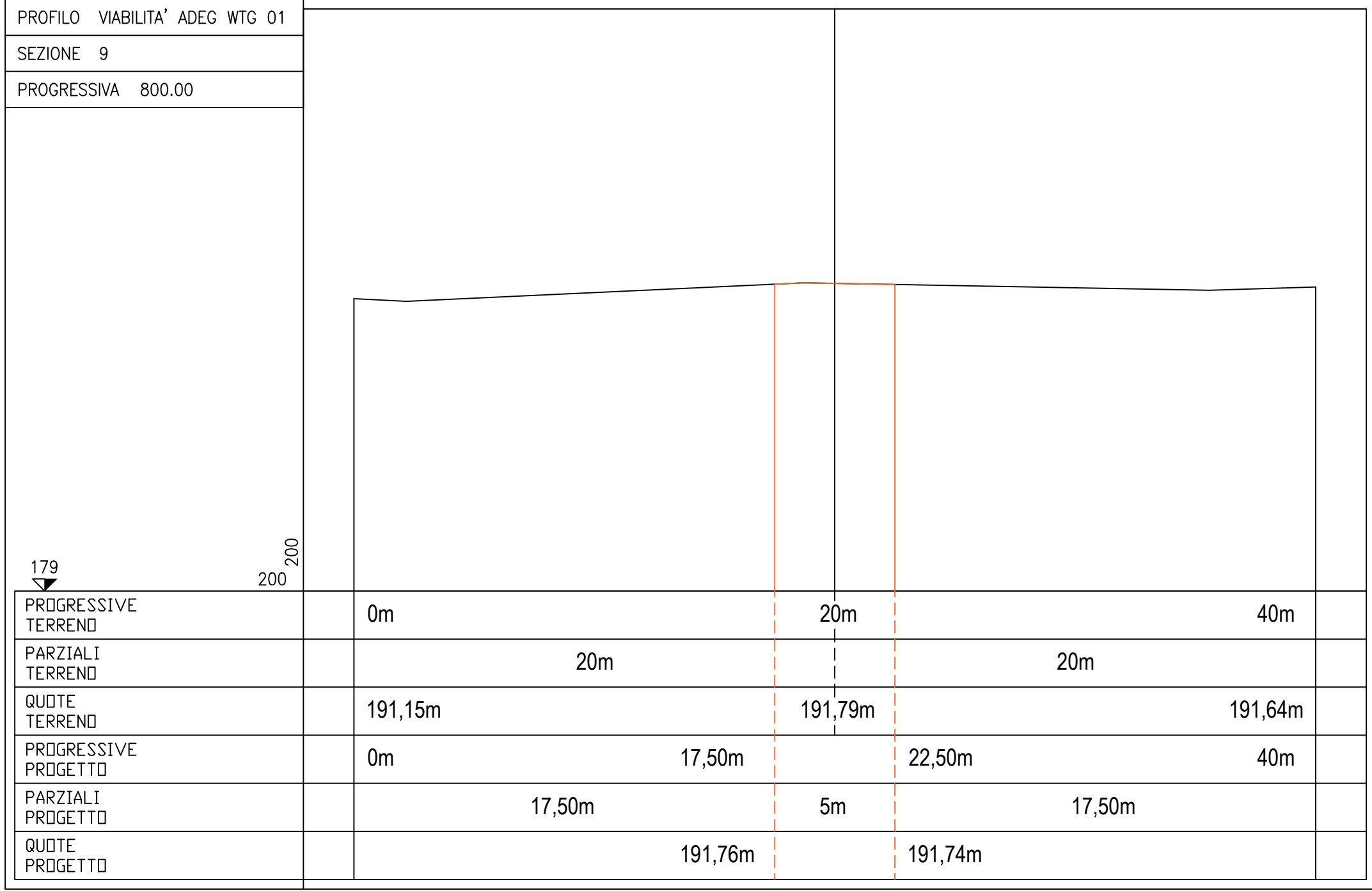
PROFILO VIABILITA' ADEG WTG 01				
SEZIONE 5				
PROGRESSIVA 400.00				
183 ▼	200	200		
PROGRESSIVE TERRENO	0m	20m	40m	
PARZIALI TERRENO	20m		20m	
QUOTE TERRENO	195,20m	195,54m	195,94m	
PROGRESSIVE PROGETTO	0m	17,50m	22,50m	40m
PARZIALI PROGETTO	17,50m	5m	17,50m	
QUOTE PROGETTO		195,47m	195,61m	

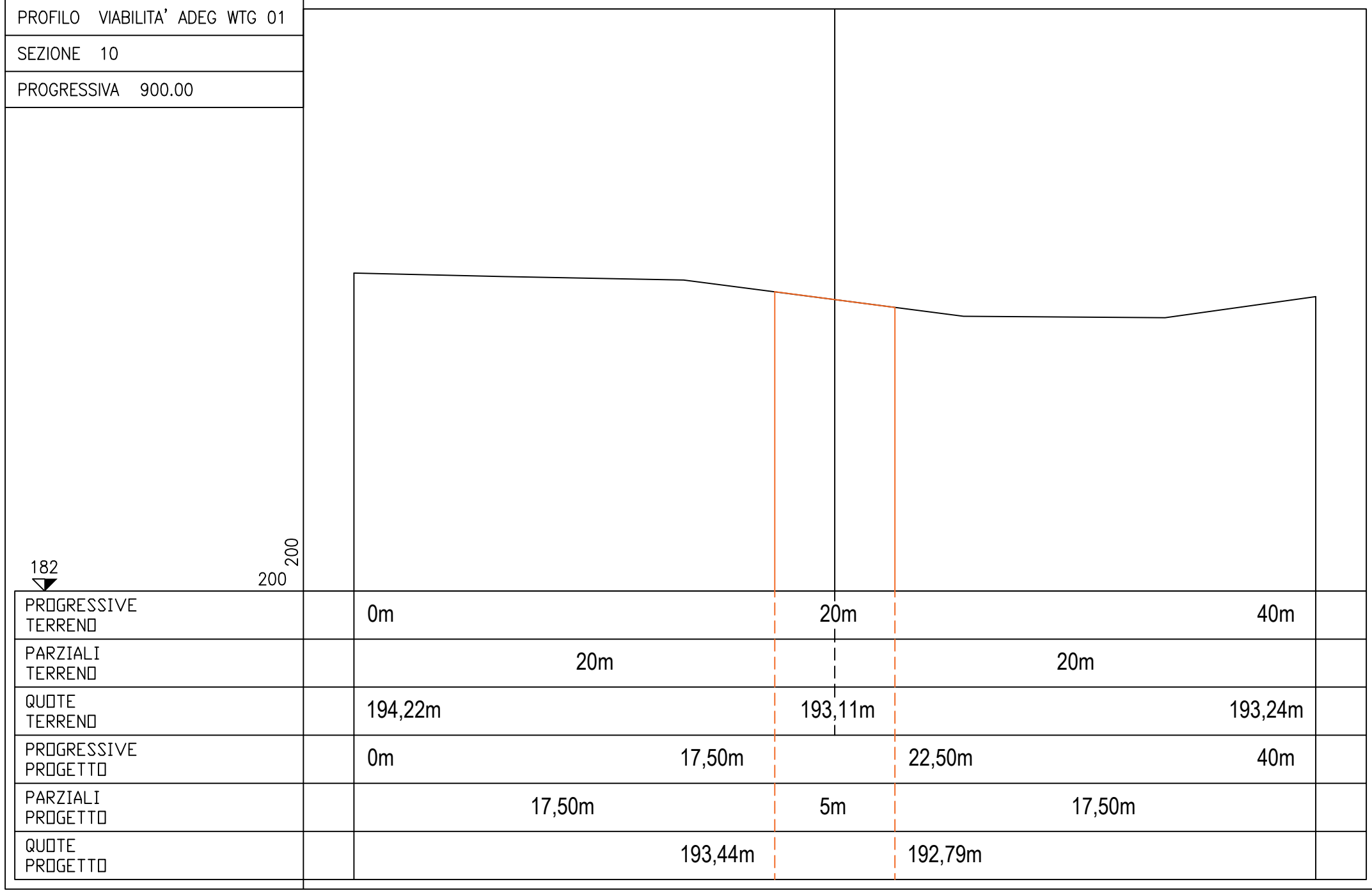
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SEZIONE 6				
PROGRESSIVA 500.00				
181 ▼	200	200		
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PARZIALI TERRENO	20m		20m	
QUOTE TERRENO	193,96m	194,01m	194,28m	
PROGRESSIVE PROGETTO	0m	17,50m	22,50m	40m
PARZIALI PROGETTO	17,50m	5m	17,50m	
QUOTE PROGETTO	193,97m	194,05m		

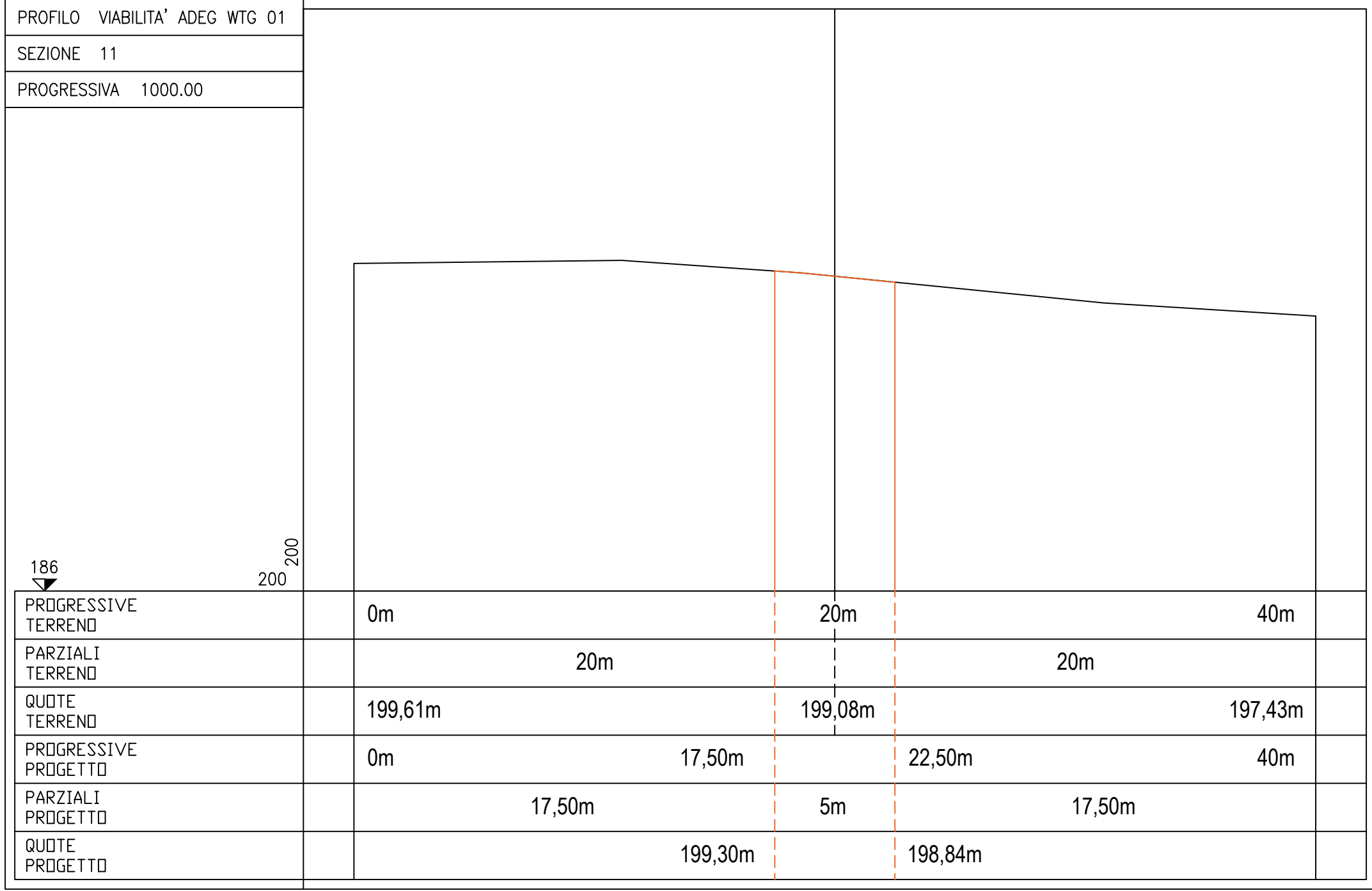








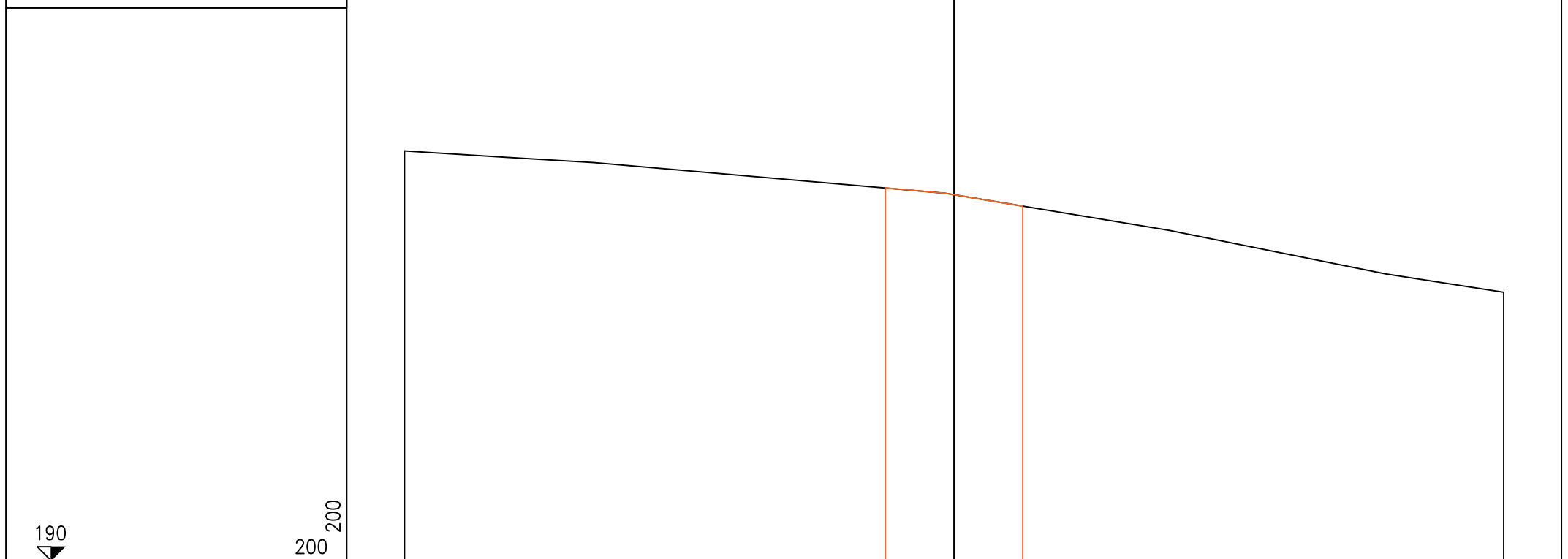




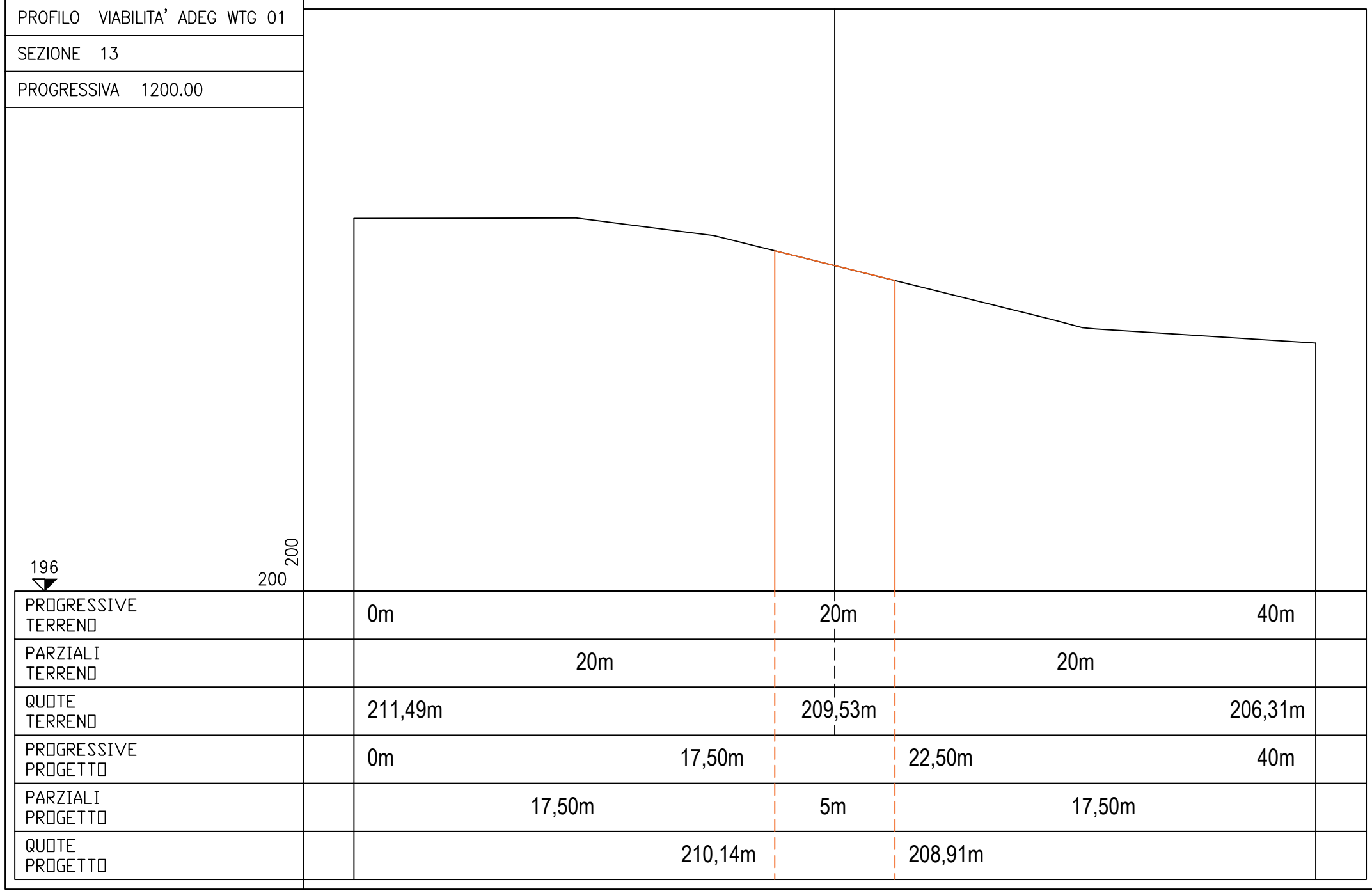
PROFILO VIABILITA' ADEG WTG 01

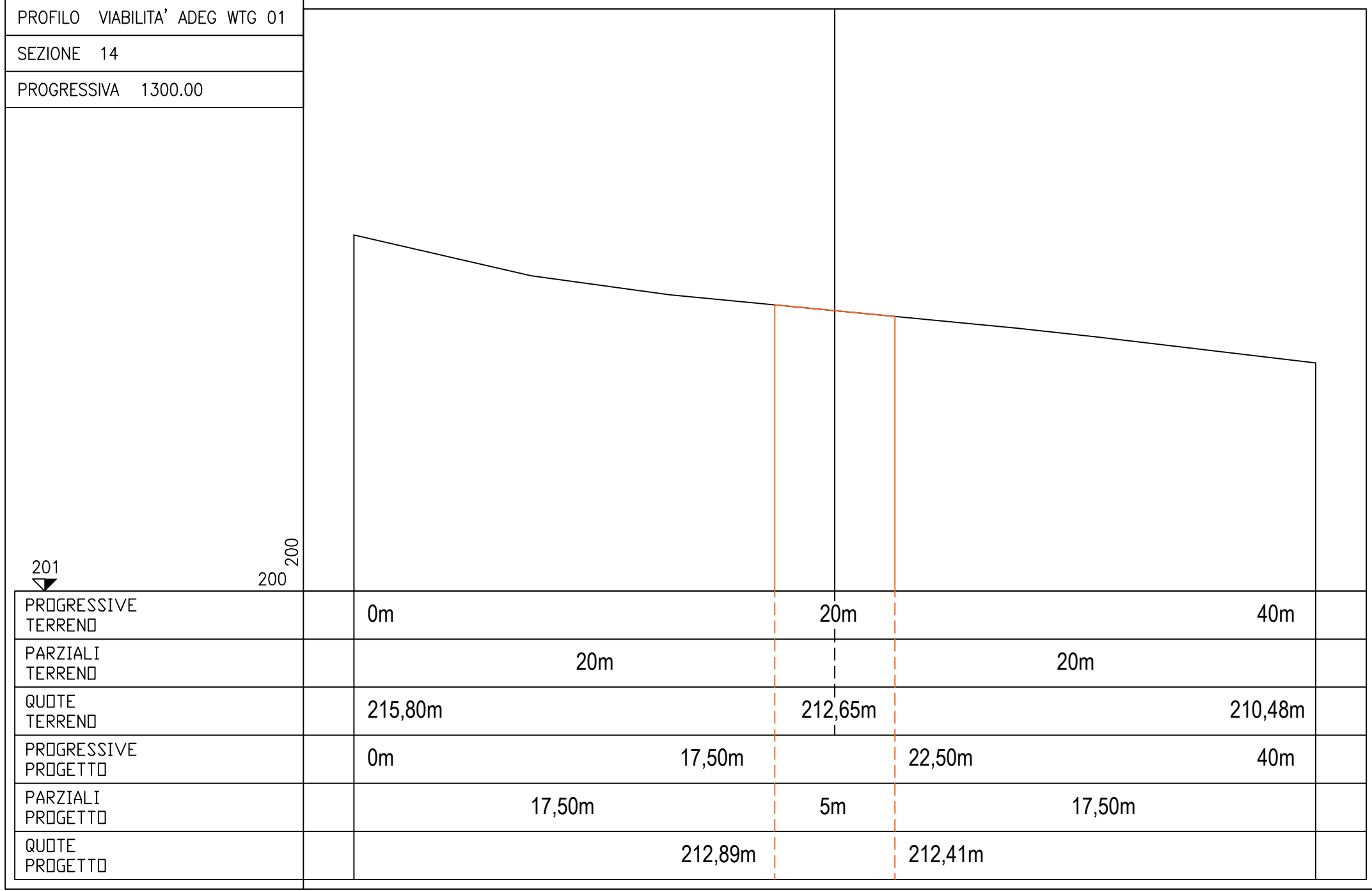
SEZIONE 12

PROGRESSIVA 1100.00



PROGRESSIVE TERRENO	0m	20m	40m
PARZIALI TERRENO	20m	20m	
QUOTE TERRENO	204,90m	203,31m	199,76m
PROGRESSIVE PROGETTO	0m	17,50m	22,50m
PARZIALI PROGETTO	17,50m	5m	17,50m
QUOTE PROGETTO	203,55m	202,90m	



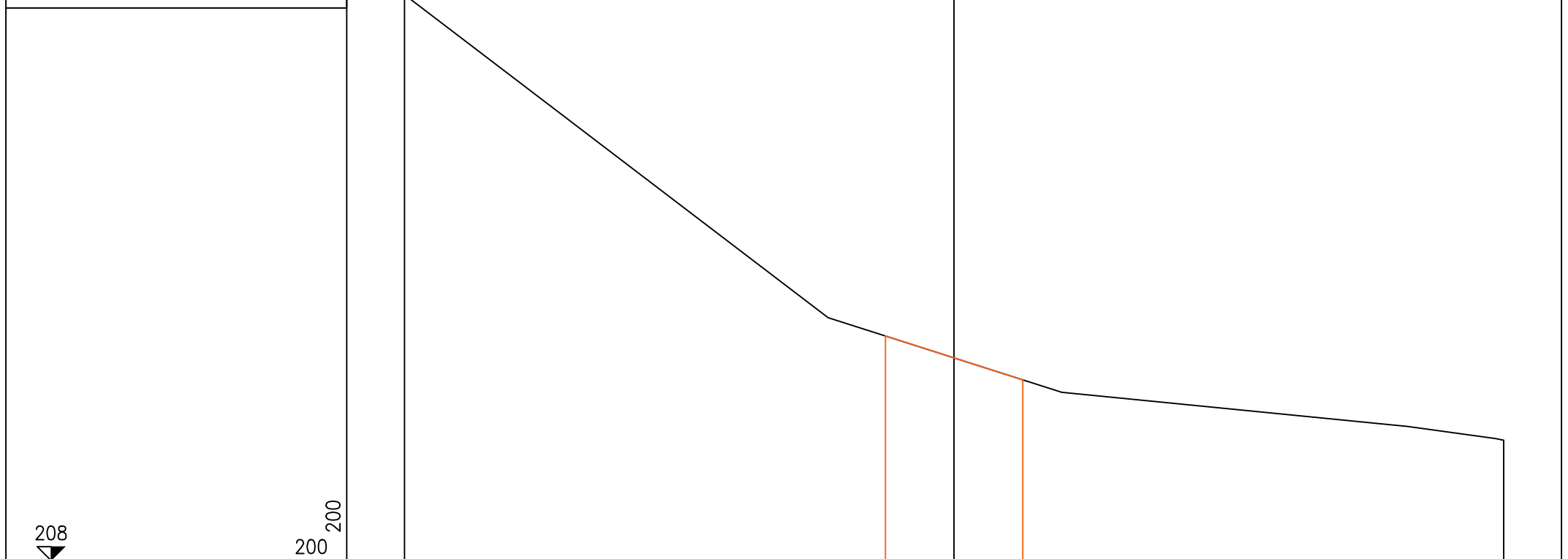




PROFILO VIABILITA' ADEG WTG 01

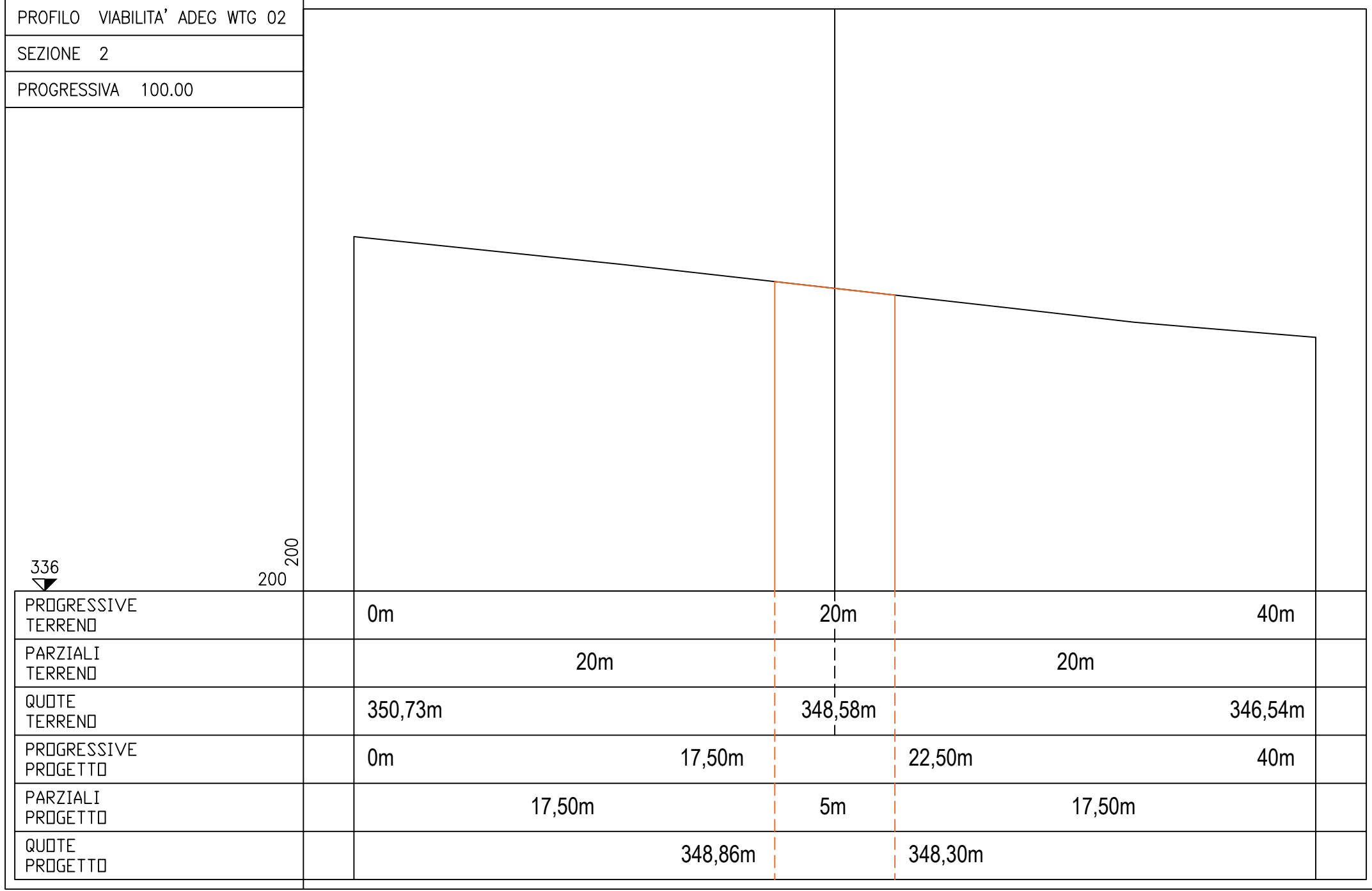
SEZIONE 15

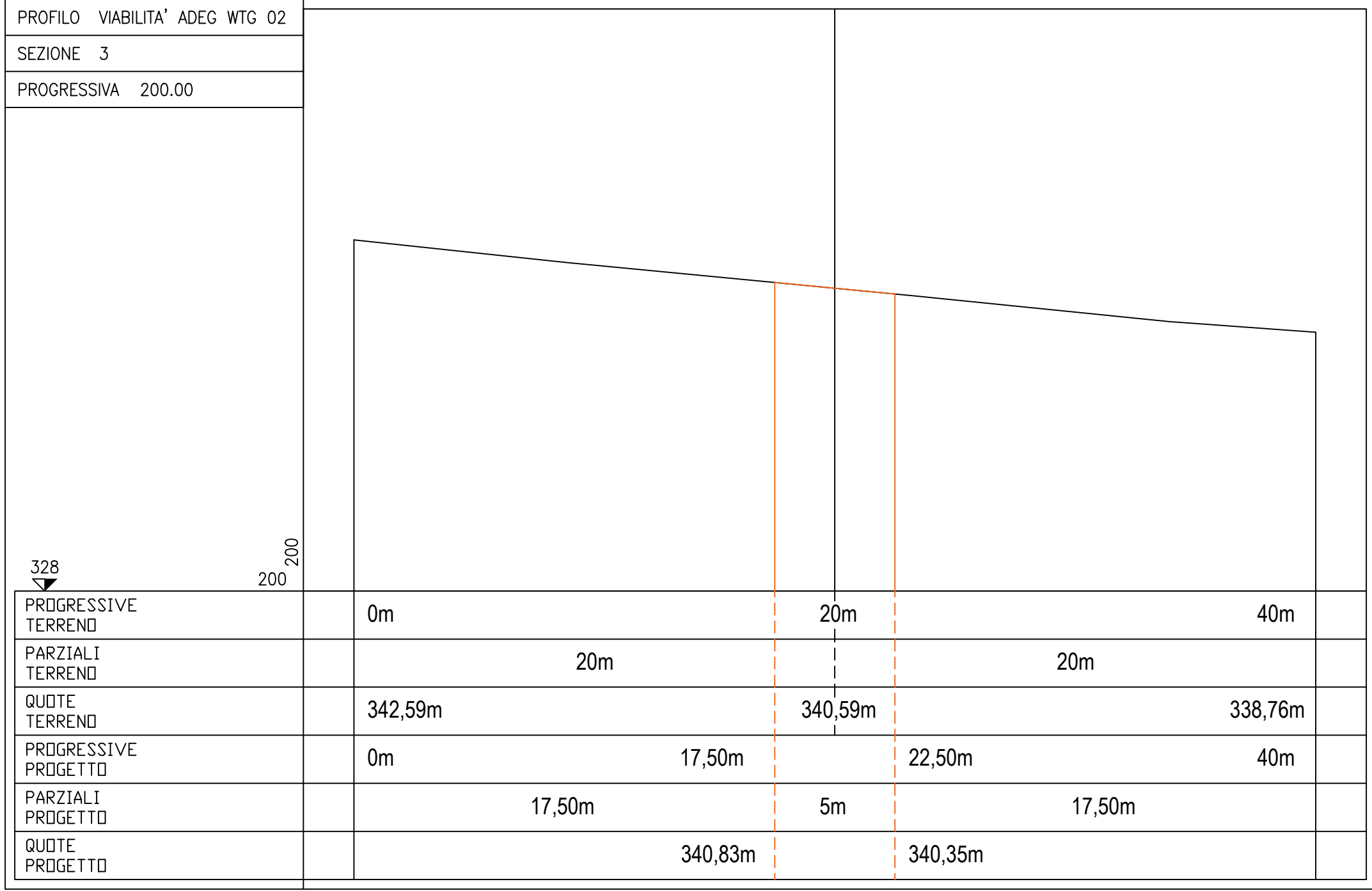
PROGRESSIVA 1400.00

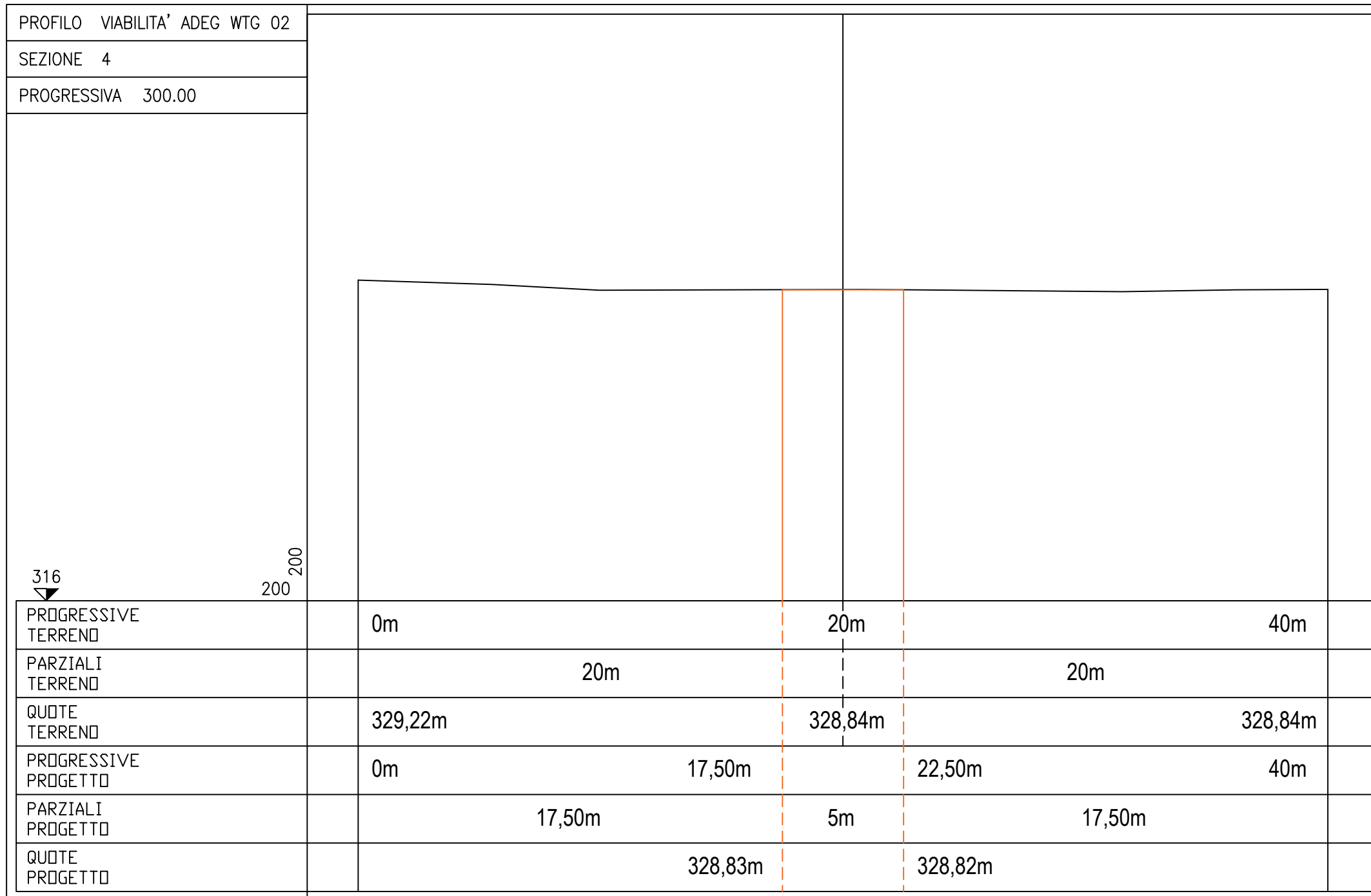


PROGRESSIVE TERRENO	0m	20m	40m
PARZIALI TERRENO	20m	20m	
QUOTE TERRENO	228,59m	215,37m	212,37m
PROGRESSIVE PROGETTO	0m	17,50m	22,50m
PARZIALI PROGETTO	17,50m	5m	17,50m
QUOTE PROGETTO	216,16m	214,57m	





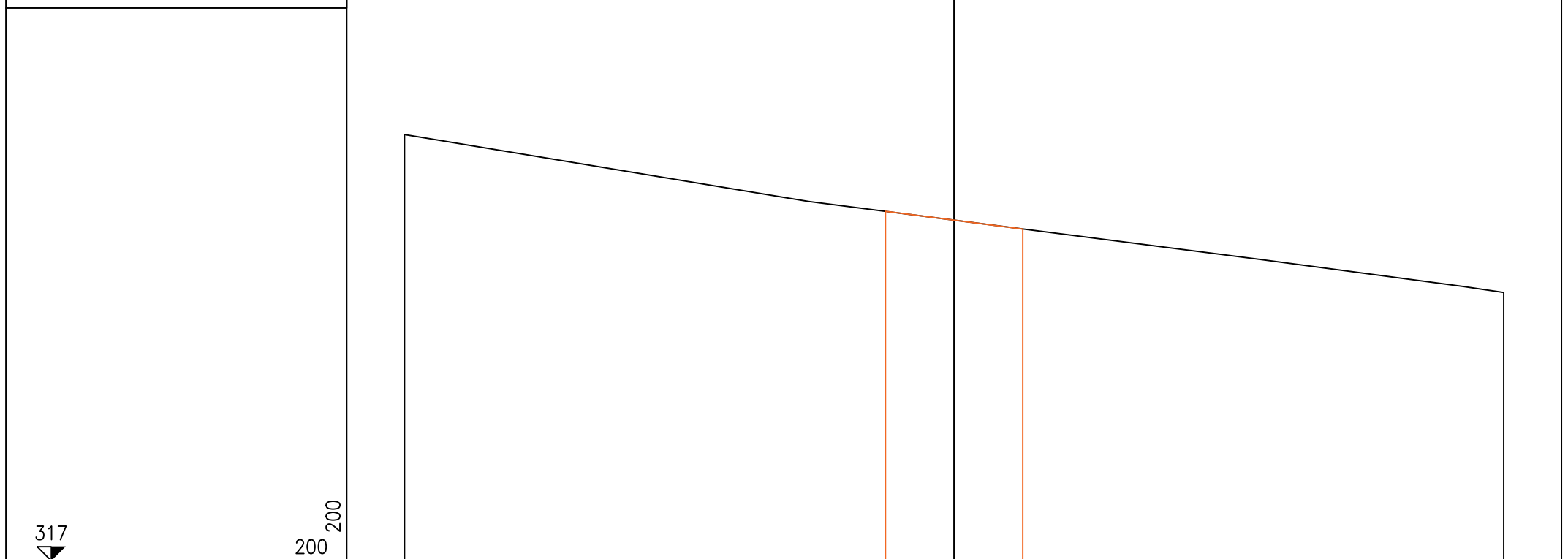




PROFILO VIABILITA' ADEG WTG 02

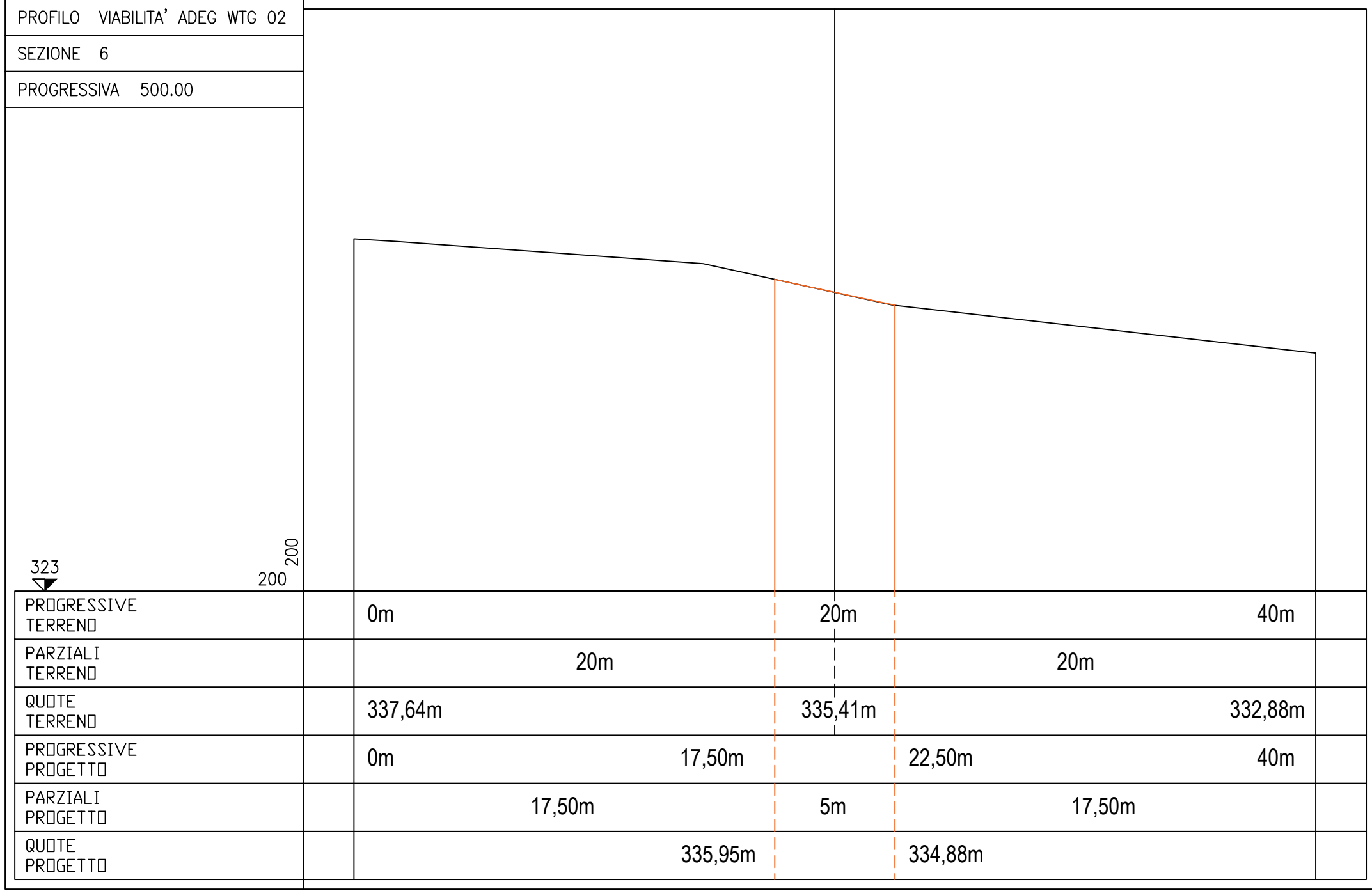
SEZIONE 5

PROGRESSIVA 400.00



317  
200 200

PROGRESSIVE TERRENO	0m		20m		40m
PARZIALI TERRENO		20m		20m	
QUOTE TERRENO	332,50m		329,38m		326,75m
PROGRESSIVE PROGETTO	0m	17,50m		22,50m	40m
PARZIALI PROGETTO		17,50m	5m	17,50m	
QUOTE PROGETTO		329,70m		329,06m	

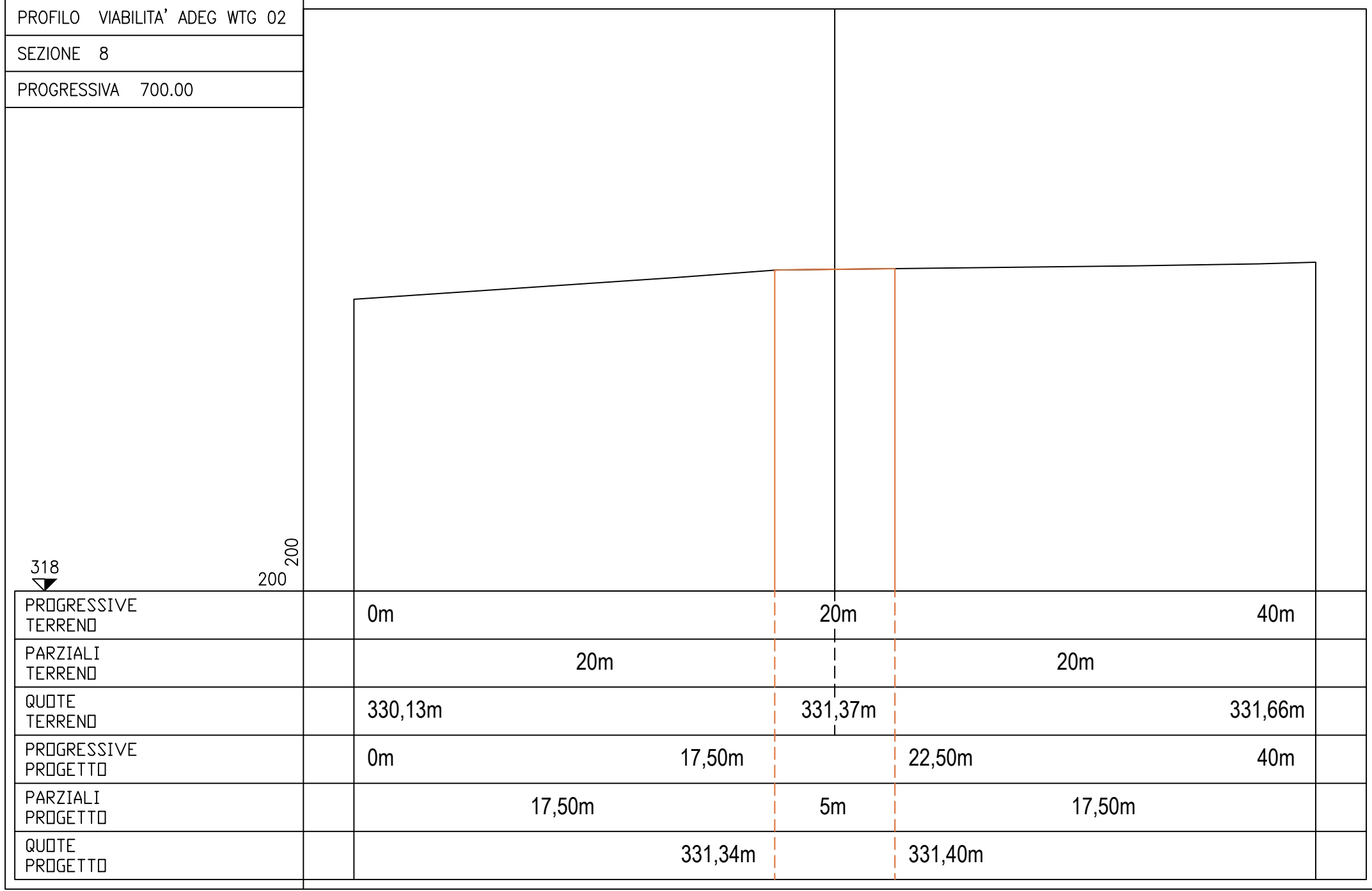


323  
▼

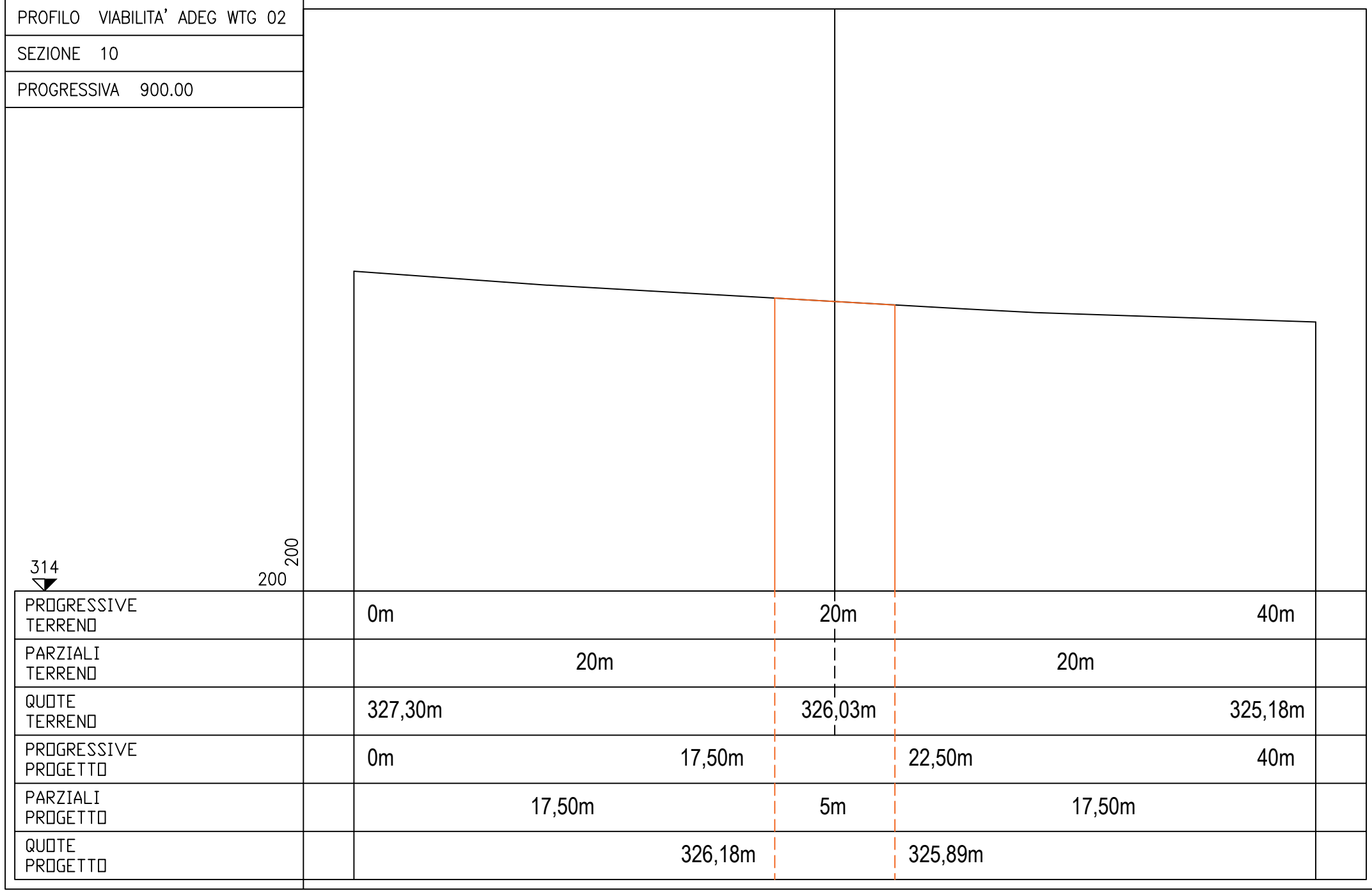
200  
200

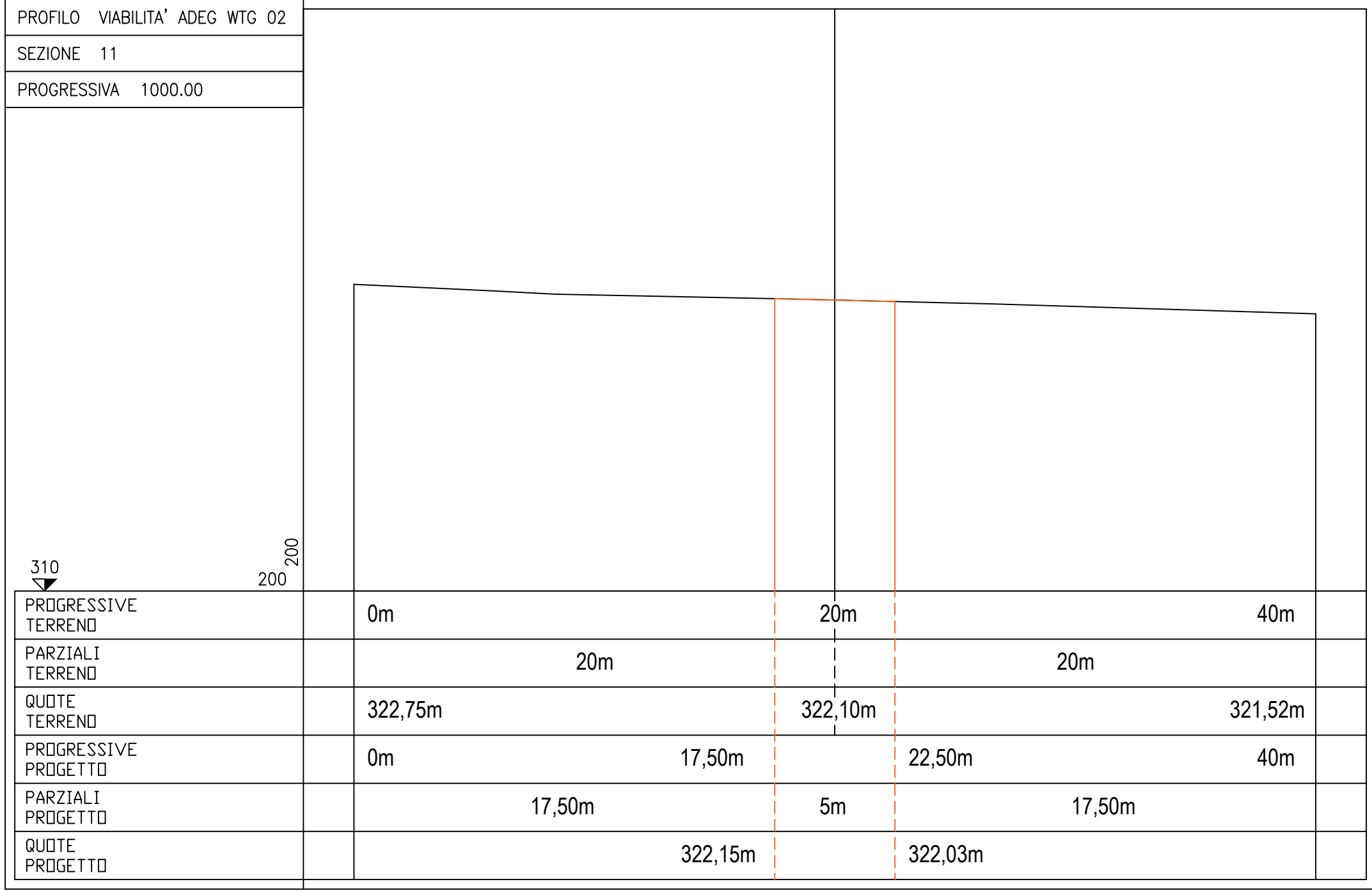
PROFILO VIABILITA' ADEG WTG 02				
SEZIONE 7				
PROGRESSIVA 600.00				
PROGRESSIVE TERRENO	0m	20m	40m	
PARZIALI TERRENO	20m		20m	
QUOTE TERRENO	333,58m	333,63m	333,65m	
PROGRESSIVE PROGETTO	0m	17,50m	22,50m	40m
PARZIALI PROGETTO	17,50m	5m	17,50m	
QUOTE PROGETTO		333,67m	333,59m	

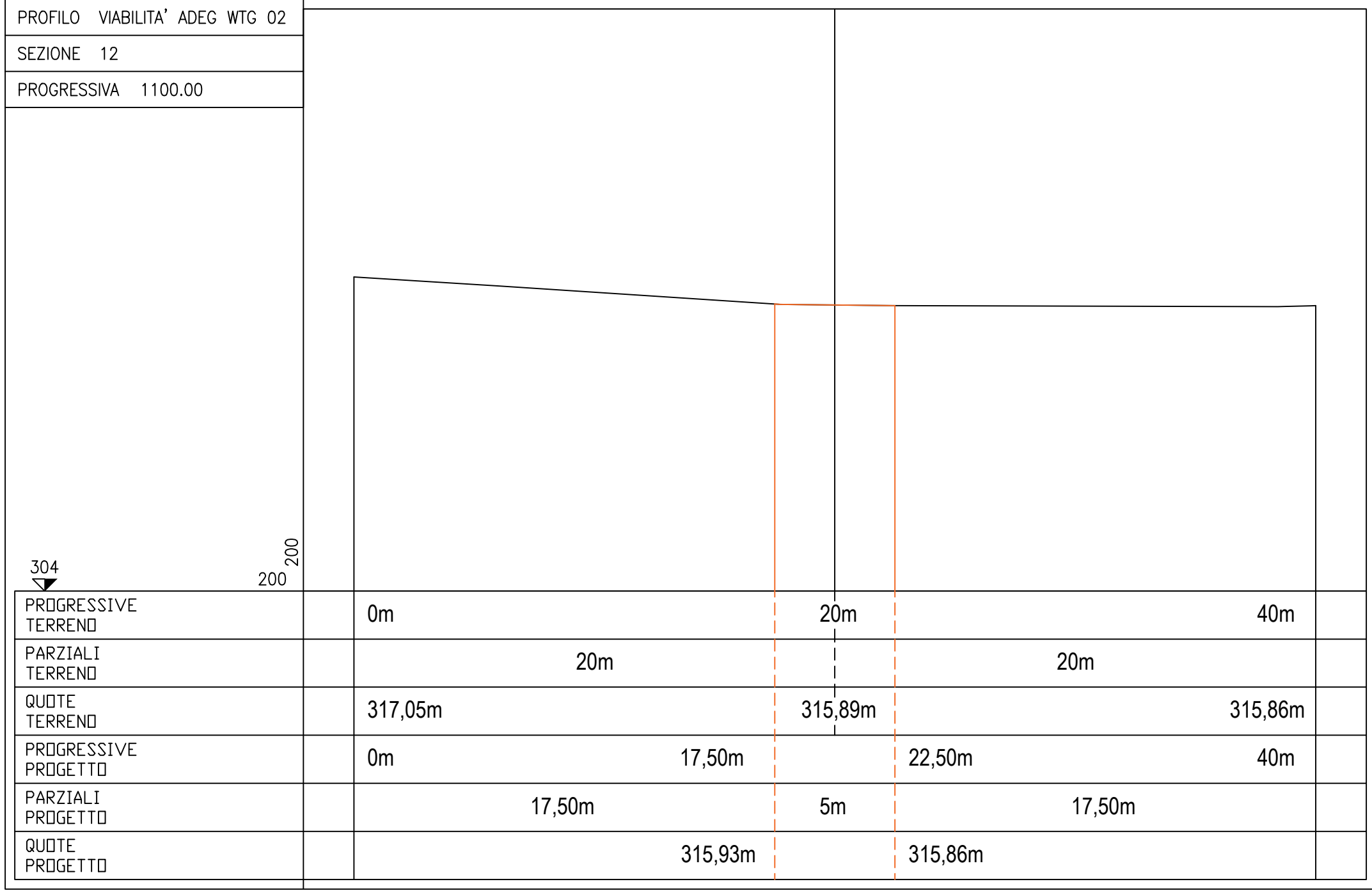




PROFILO VIABILITA' ADEG WTG 02				
SEZIONE 9				
PROGRESSIVA 800.00				
319 ▼	200	200		
PROGRESSIVE TERRENO	0m	20m	40m	
PARZIALI TERRENO	20m		20m	
QUOTE TERRENO	331,38m	331,71m	332,00m	
PROGRESSIVE PROGETTO	0m	17,50m	22,50m	40m
PARZIALI PROGETTO	17,50m	5m	17,50m	
QUOTE PROGETTO		331,69m	331,73m	



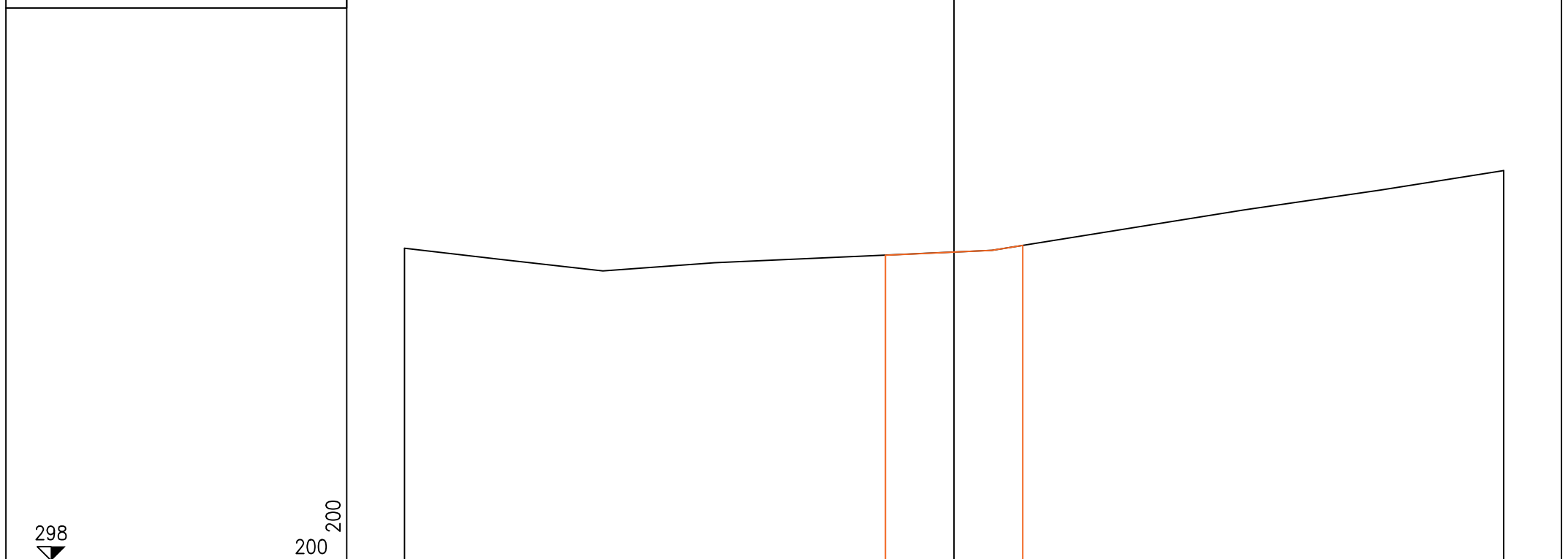




PROFILO VIABILITA' ADEG WTG 02

SEZIONE 13

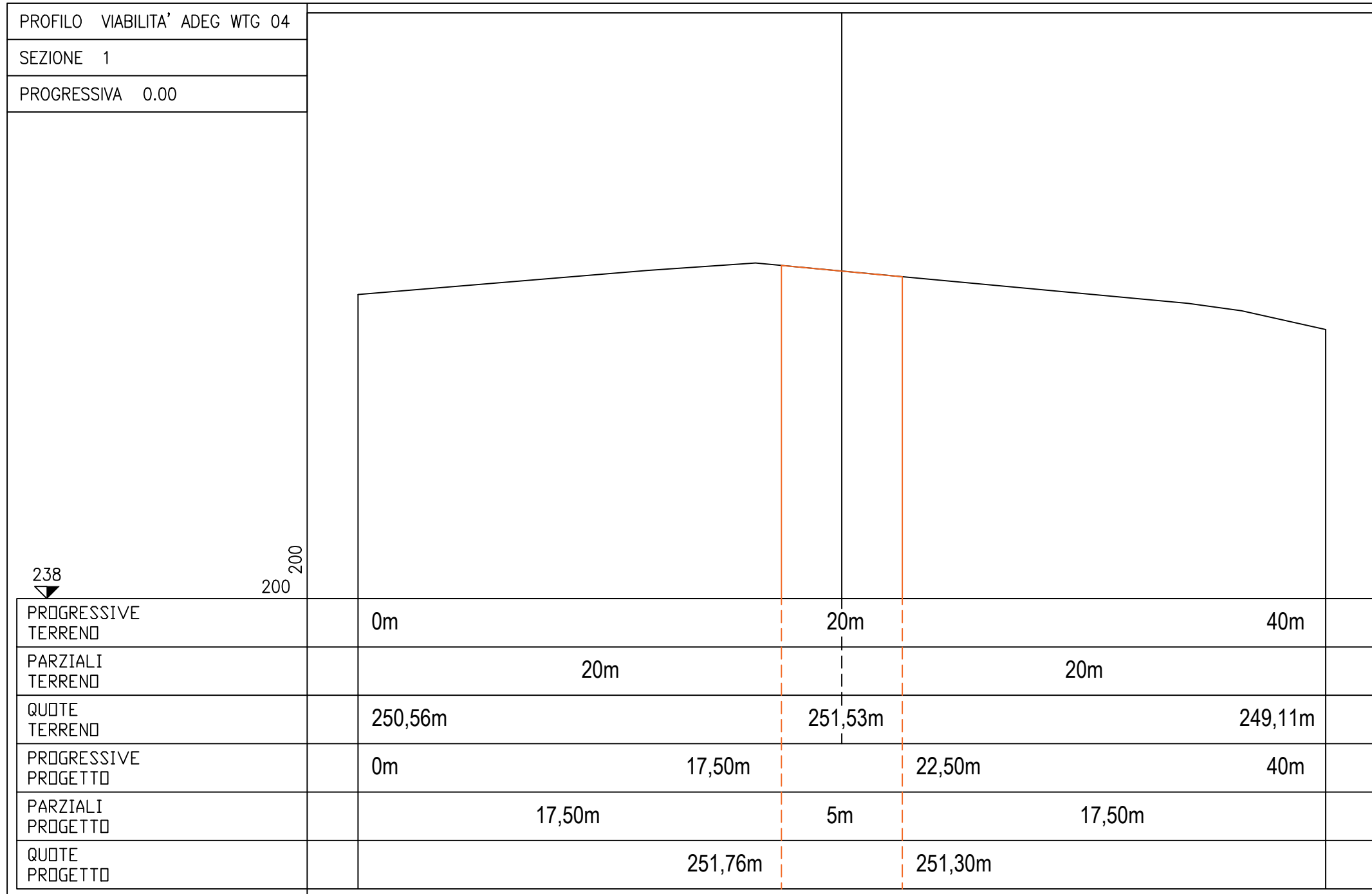
PROGRESSIVA 1200.00

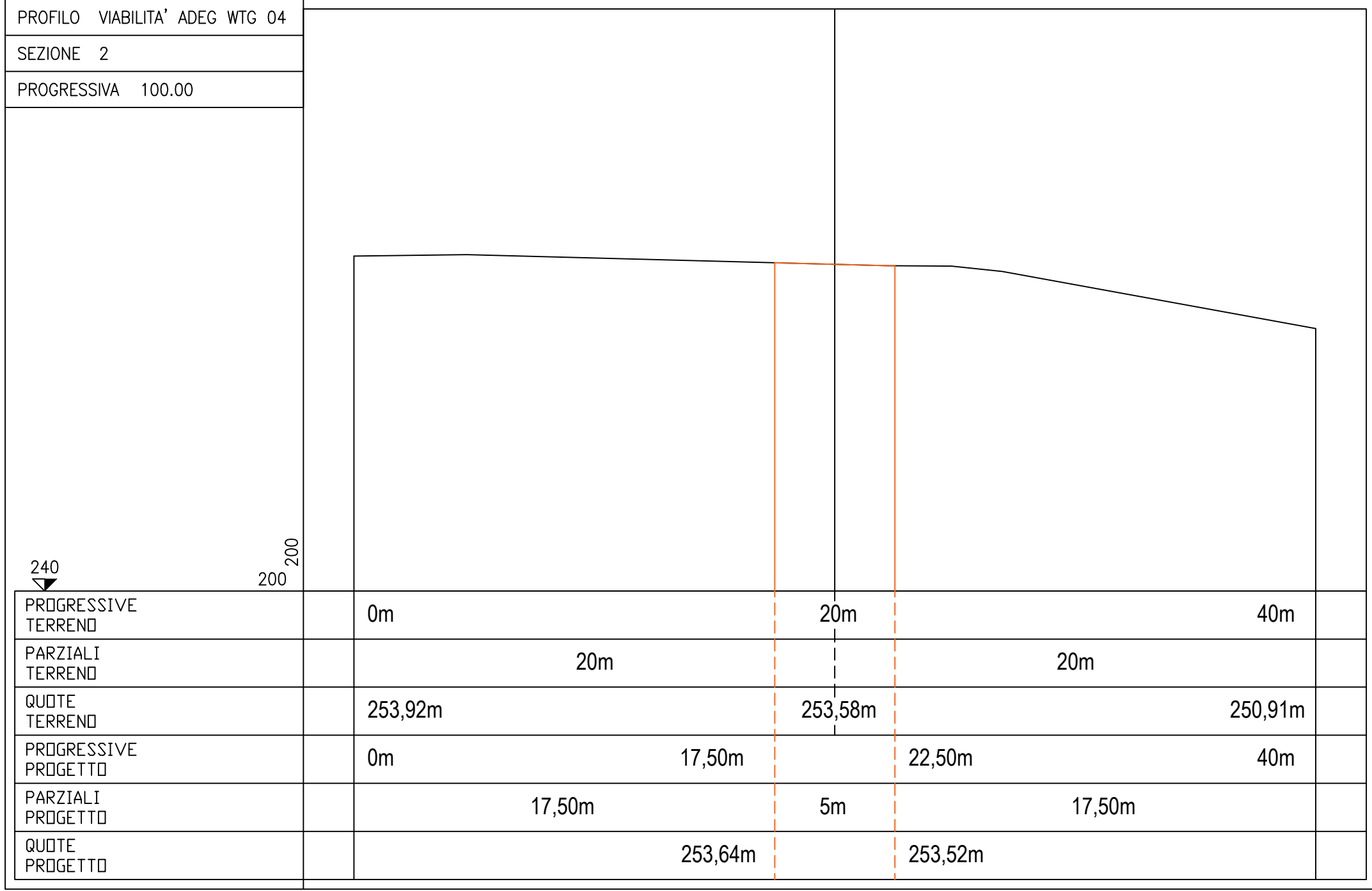


298  
200 200

PROGRESSIVE TERRENO	0m	20m	40m
PARZIALI TERRENO	20m	20m	
QUOTE TERRENO	309,36m	309,22m	312,19m
PROGRESSIVE PROGETTO	0m	17,50m	22,50m
PARZIALI PROGETTO	17,50m	5m	17,50m
QUOTE PROGETTO		309,11m	309,46m

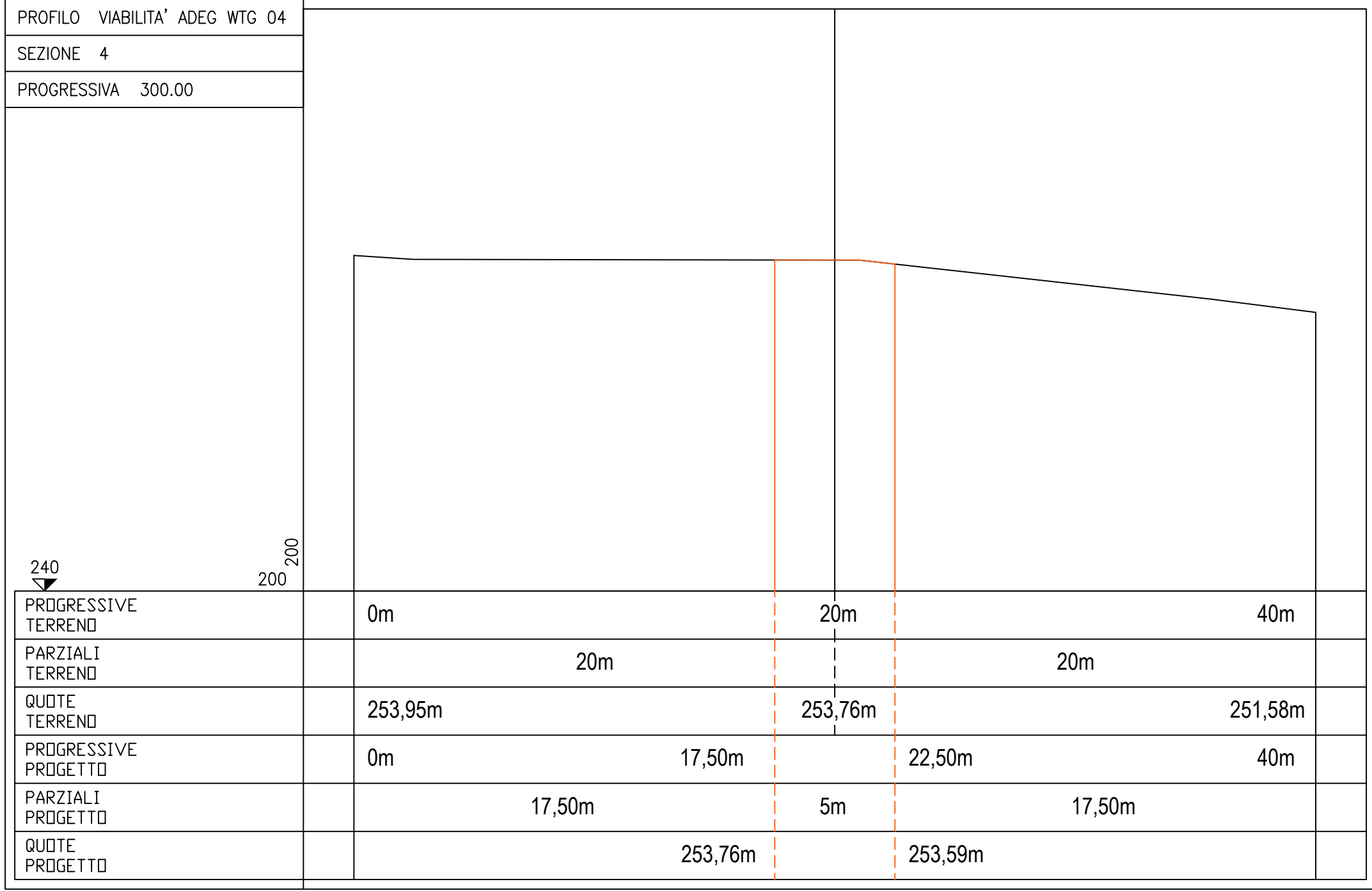
Viabilità esistente da adeguare wtg 04

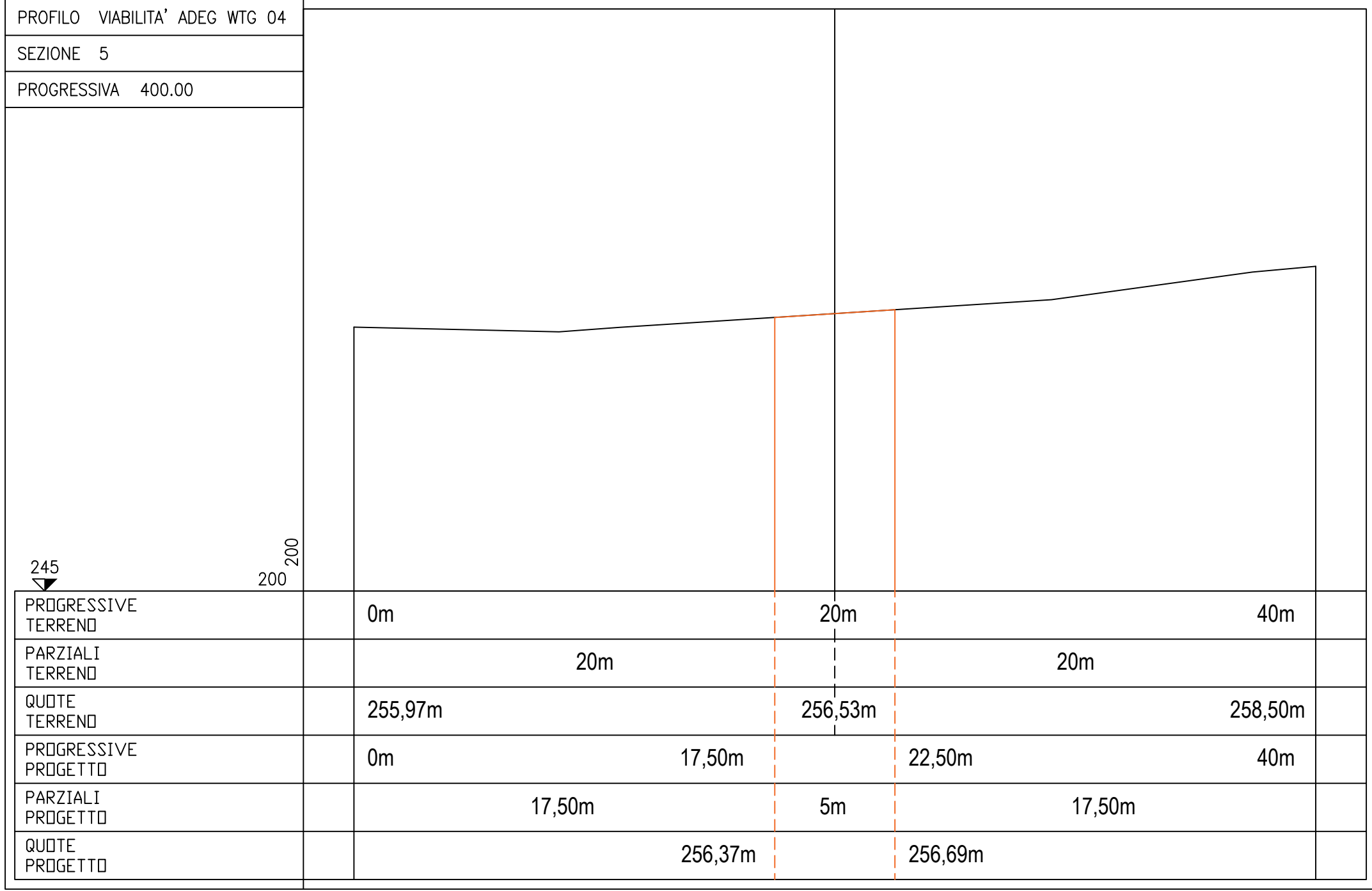






PROFILO VIABILITA' ADEG WTG 04					
SEZIONE 3					
PROGRESSIVA 200.00					
PROGRESSIVE TERRENO	0m		20m		40m
PARZIALI TERRENO		20m		20m	
QUOTE TERRENO	259,66m		259,34m		258,71m
PROGRESSIVE PROGETTO	0m	17,50m		22,50m	40m
PARZIALI PROGETTO		17,50m	5m	17,50m	
QUOTE PROGETTO		259,41m		259,27m	

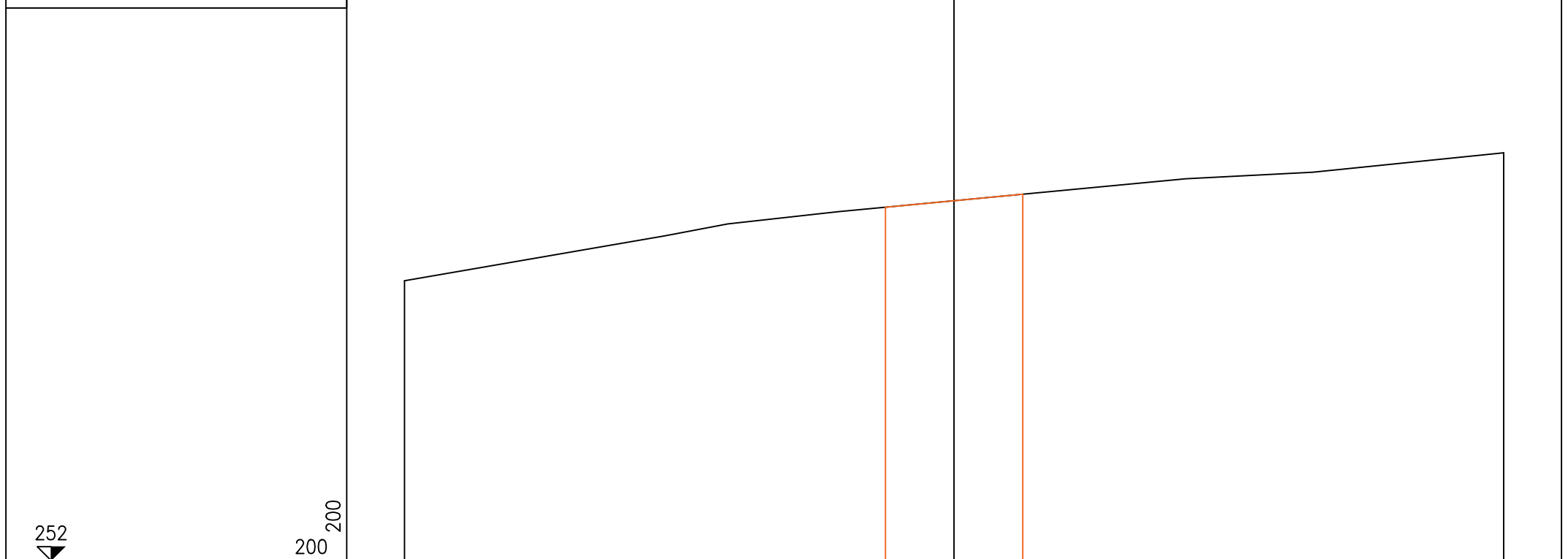




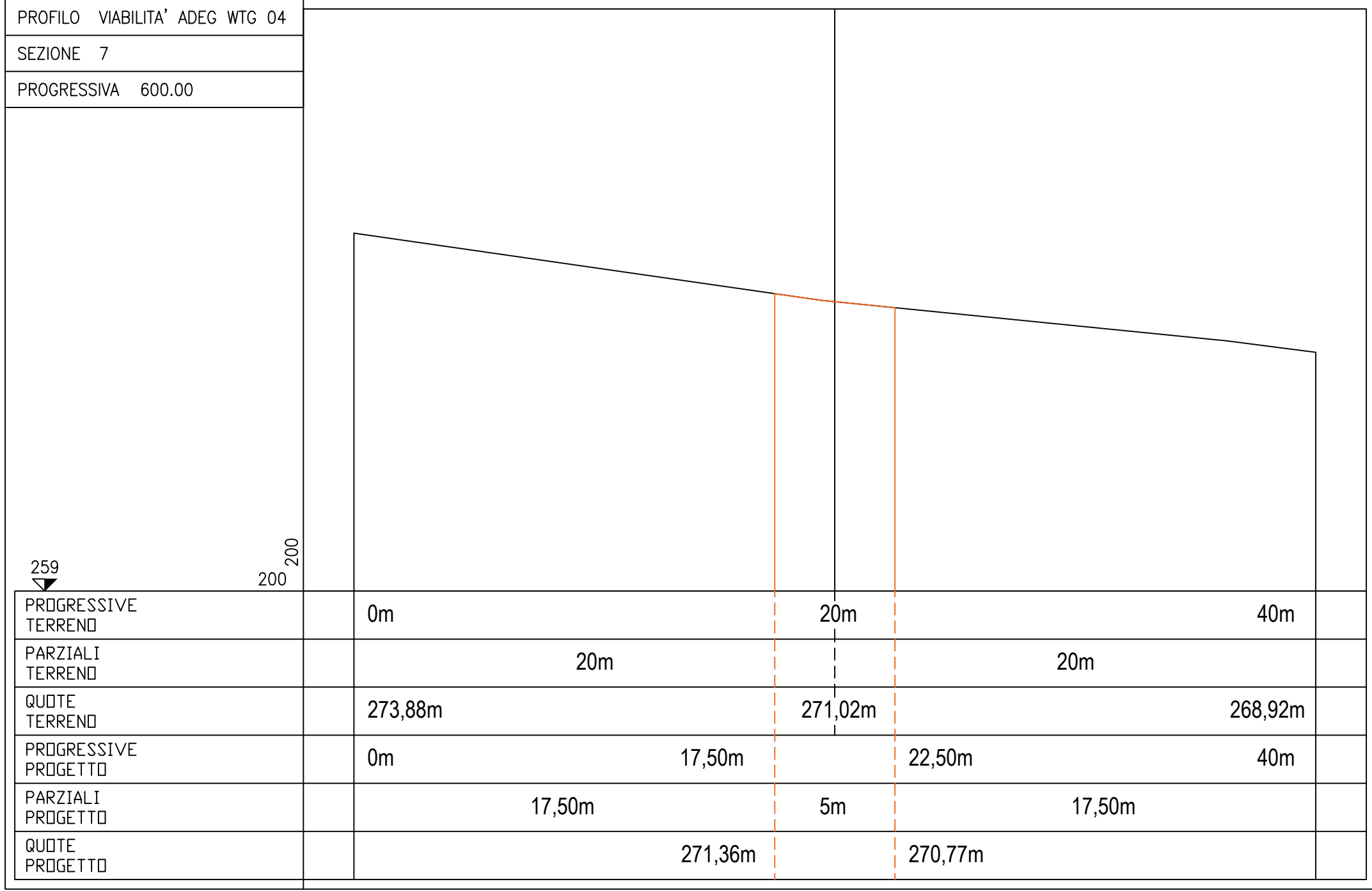
PROFILO VIABILITA' ADEG WTG 04

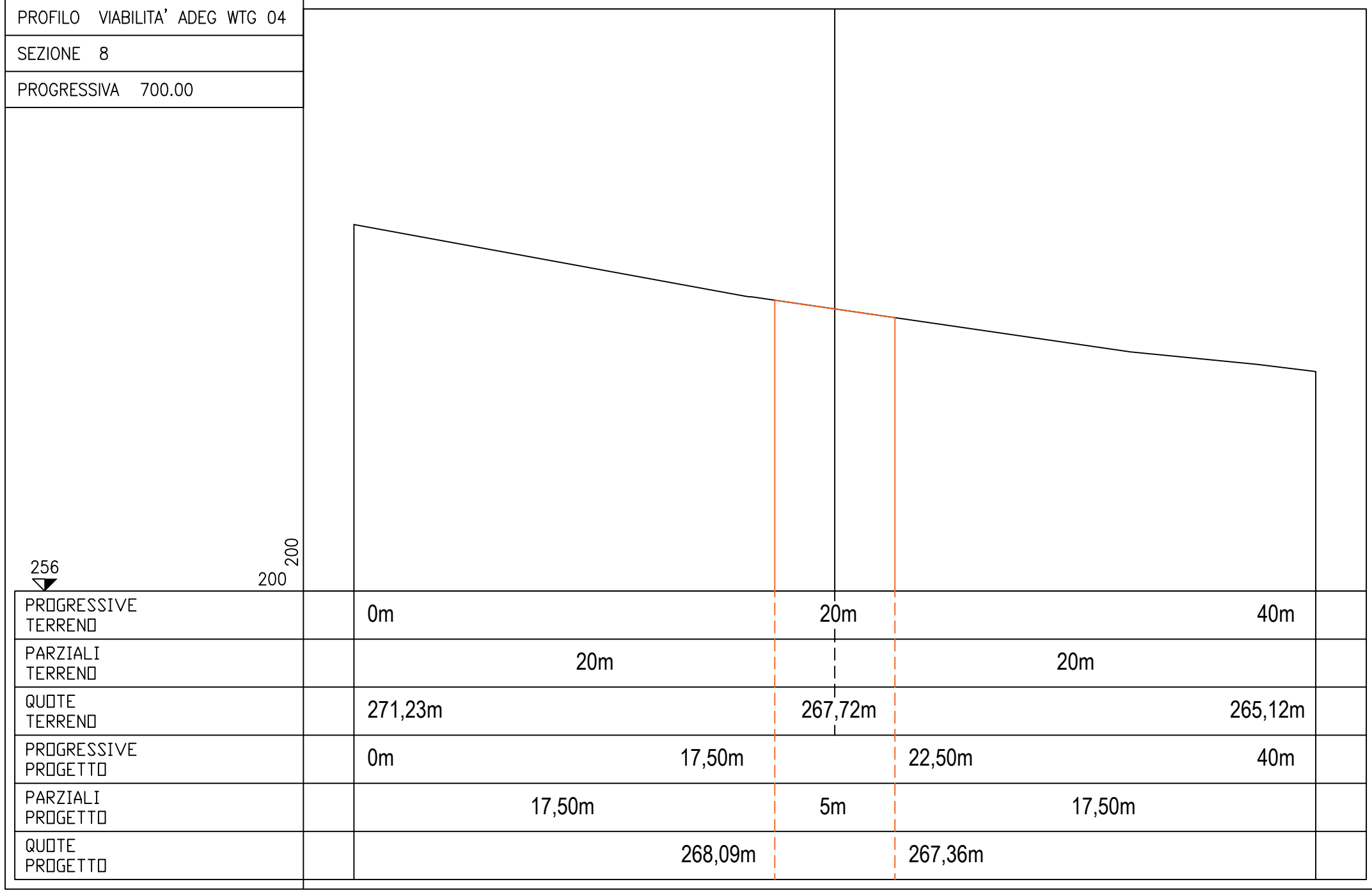
SEZIONE 6

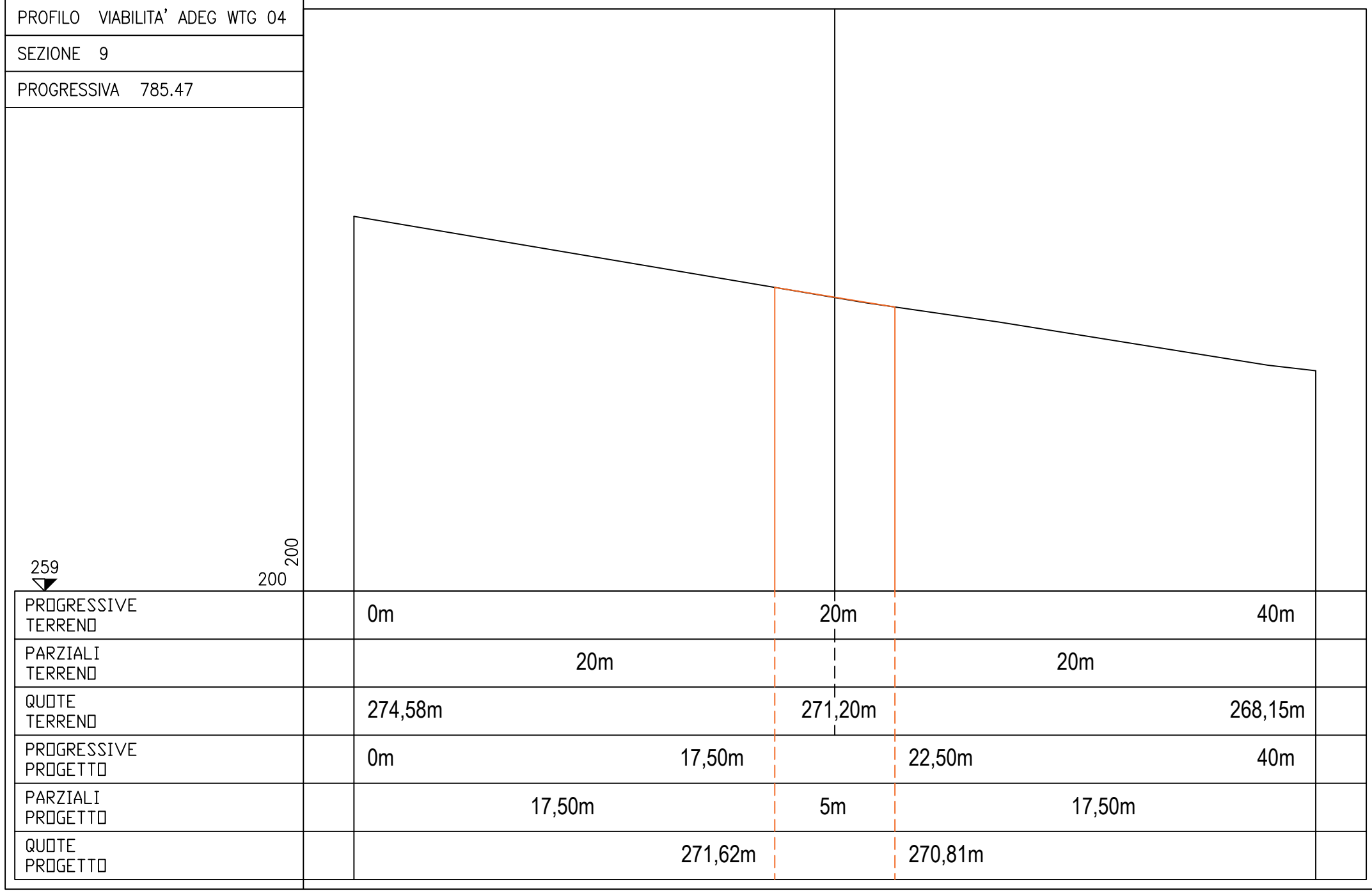
PROGRESSIVA 500.00



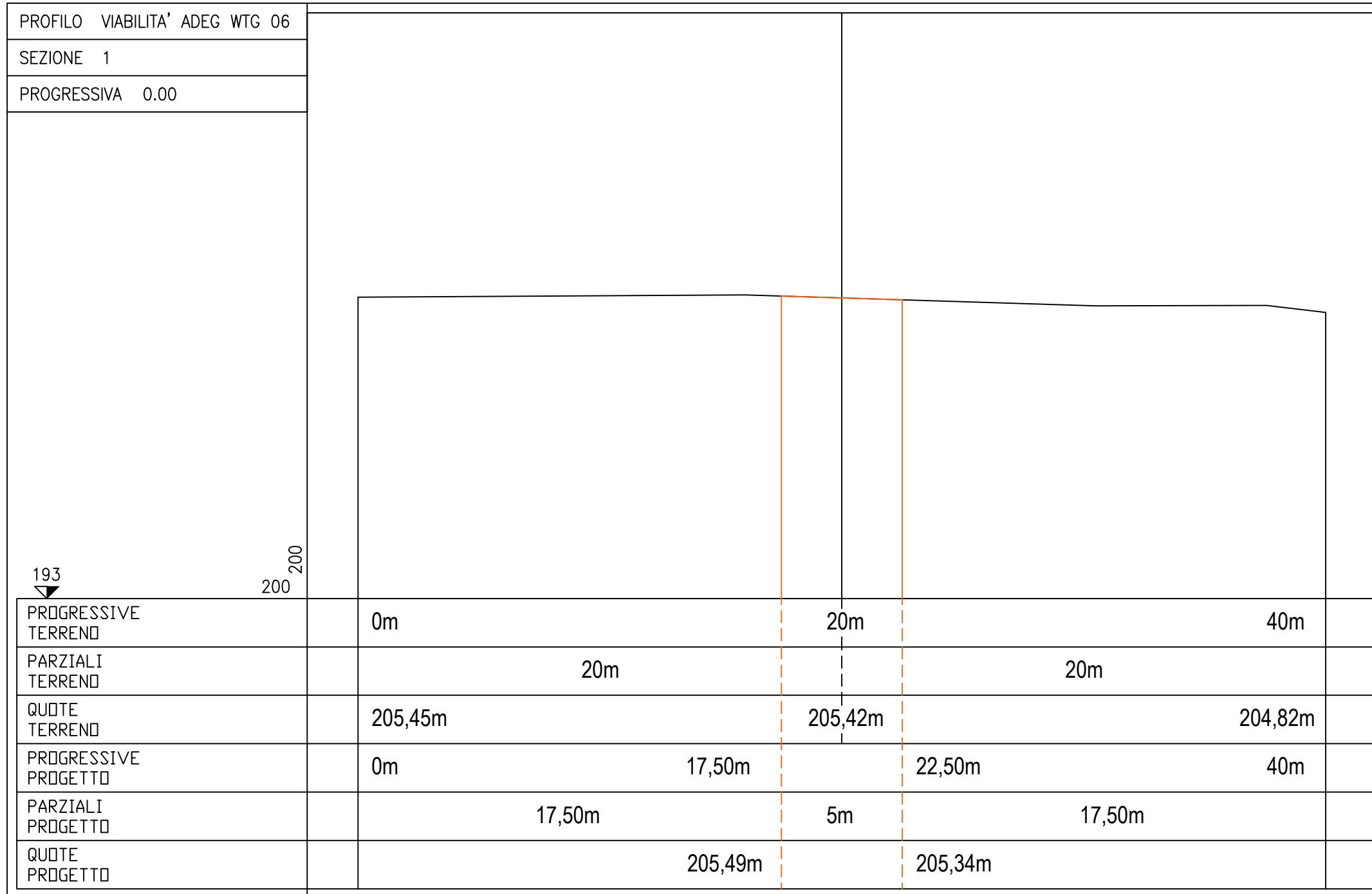
PROGRESSIVE TERRENO	0m	20m	40m
PARZIALI TERRENO	20m	20m	
QUOTE TERRENO	262,18m	265,09m	266,84m
PROGRESSIVE PROGETTO	0m	17,50m	22,50m
PARZIALI PROGETTO	17,50m	5m	17,50m
QUOTE PROGETTO		264,85m	265,33m



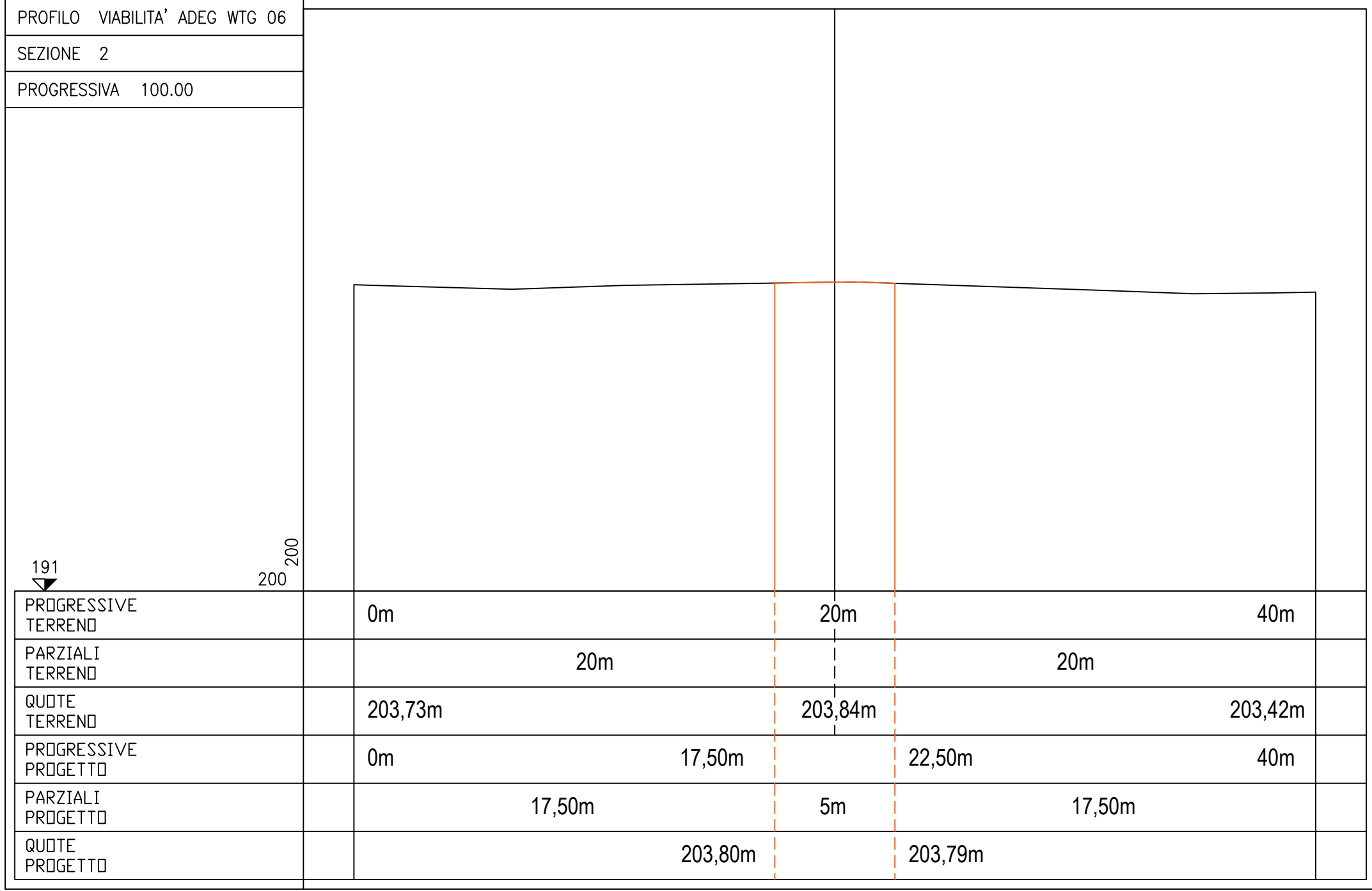


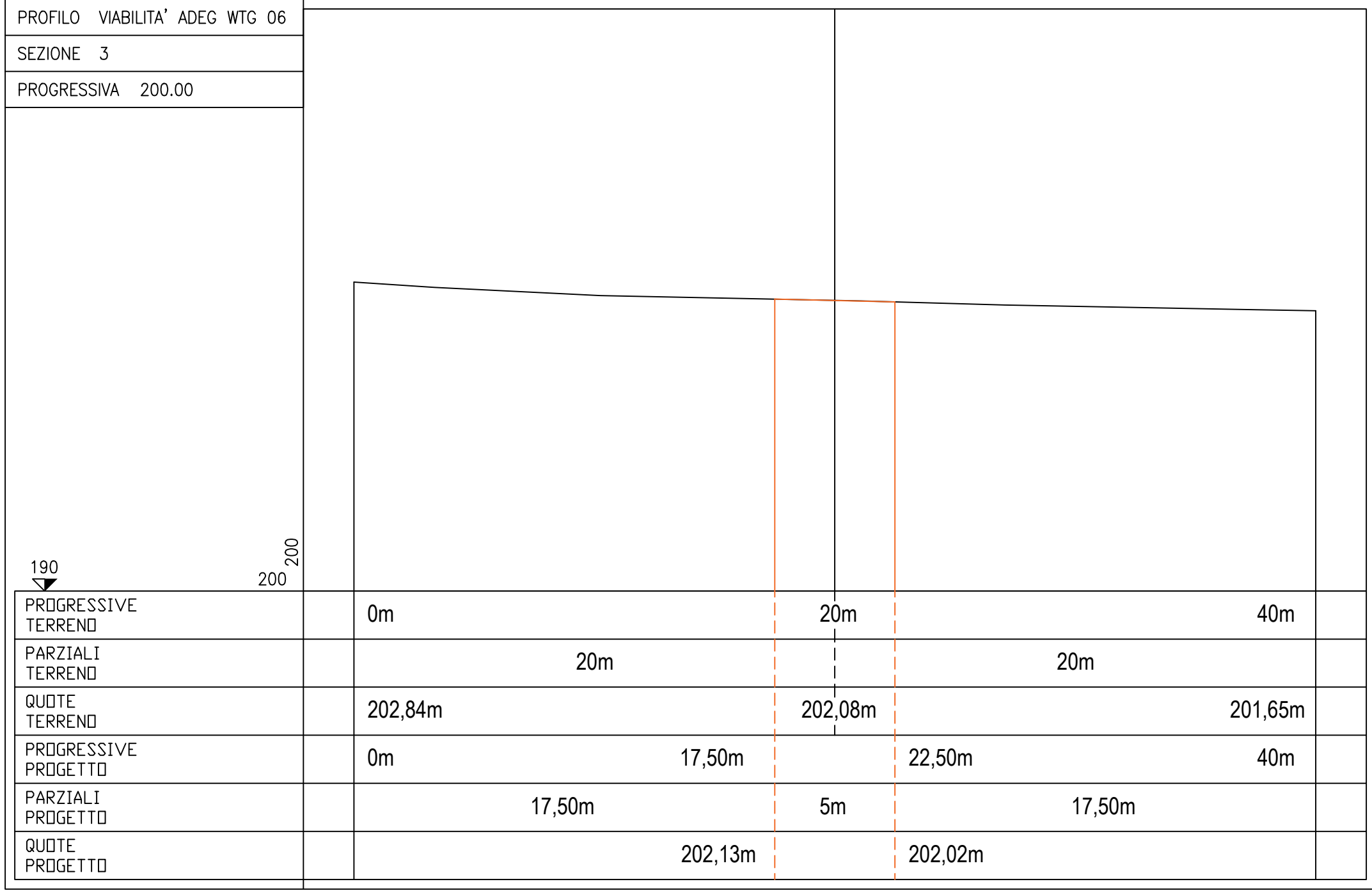


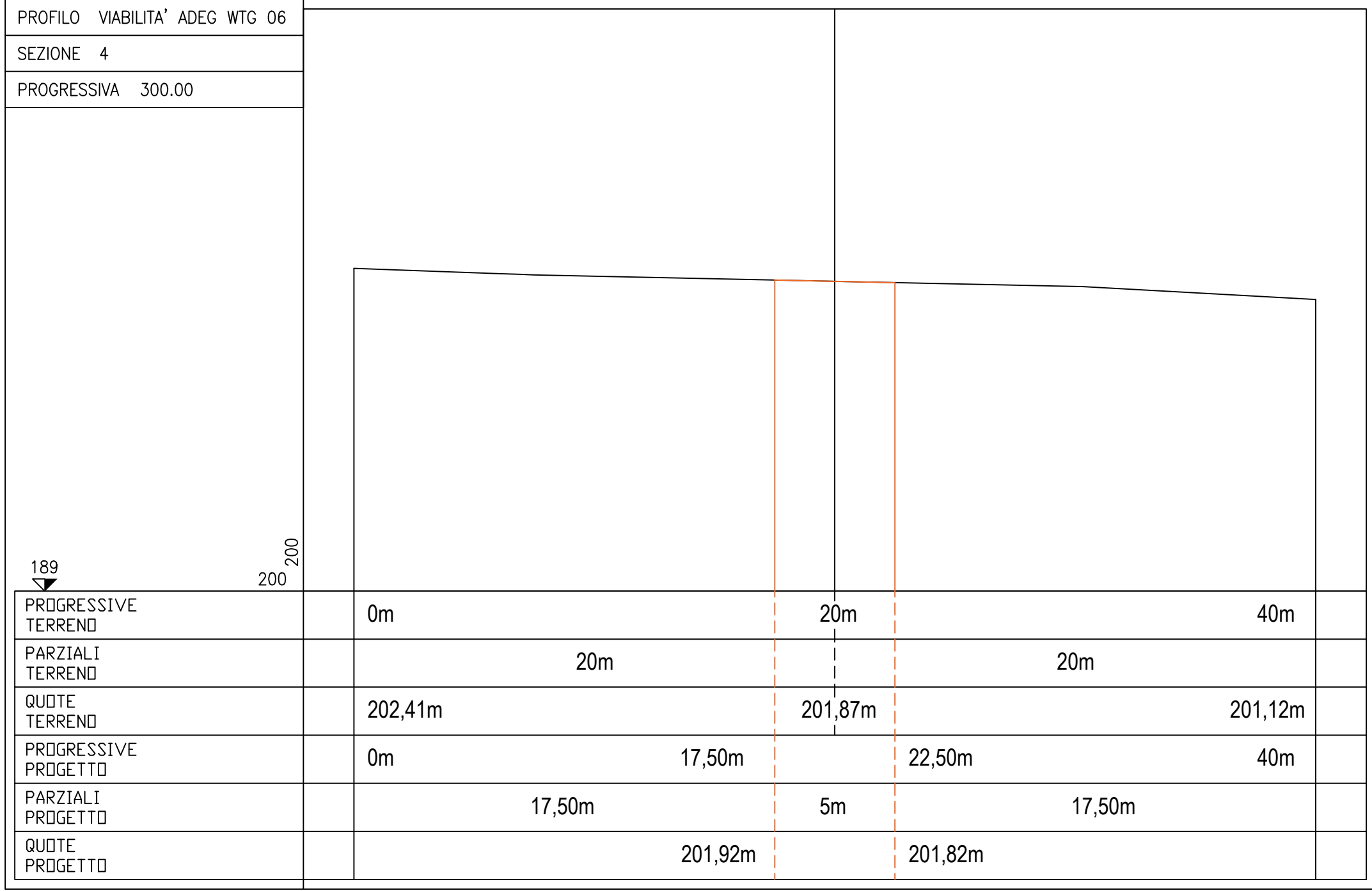
Viabilità esistente da adeguare wtg 06

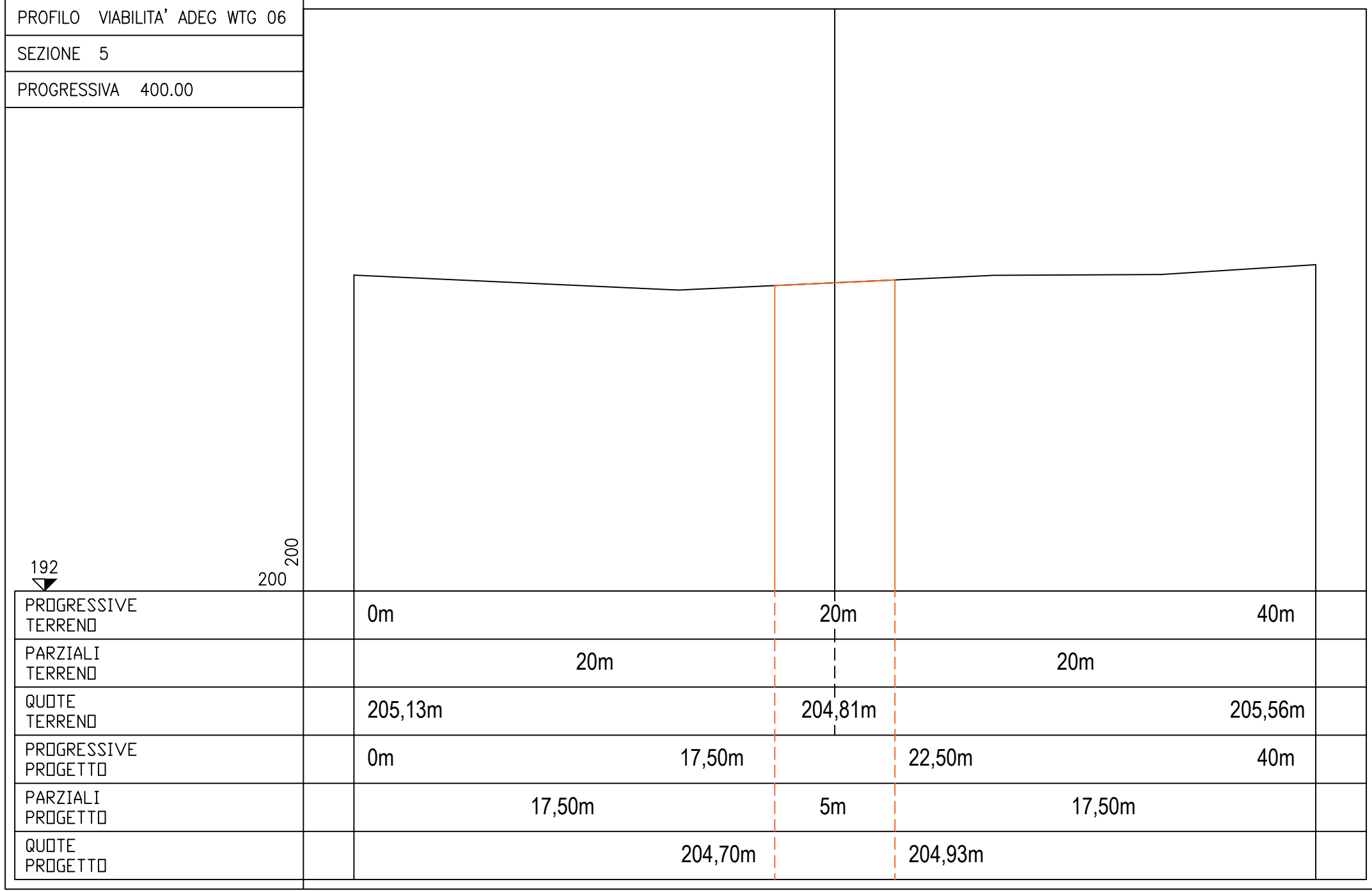


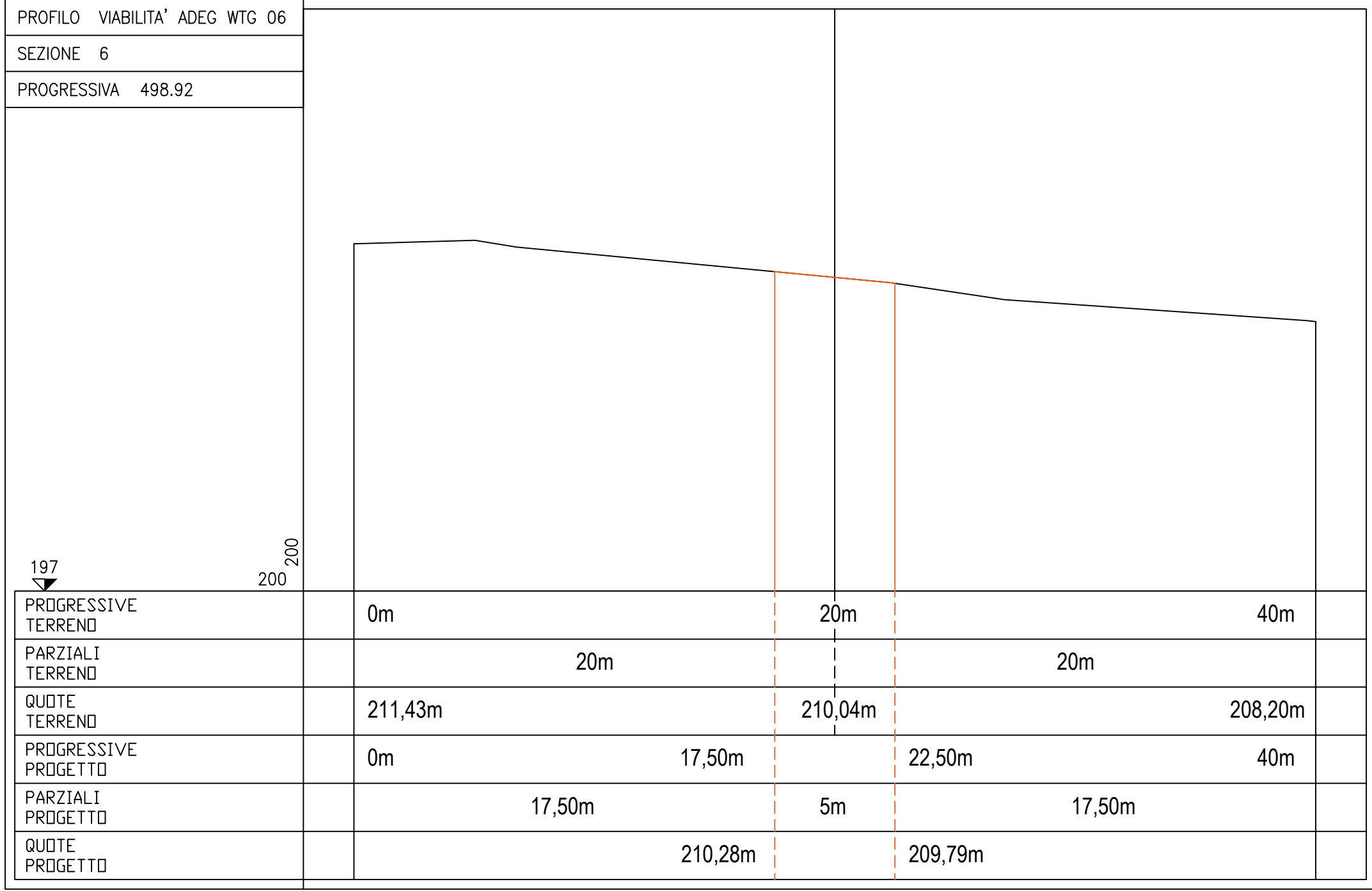




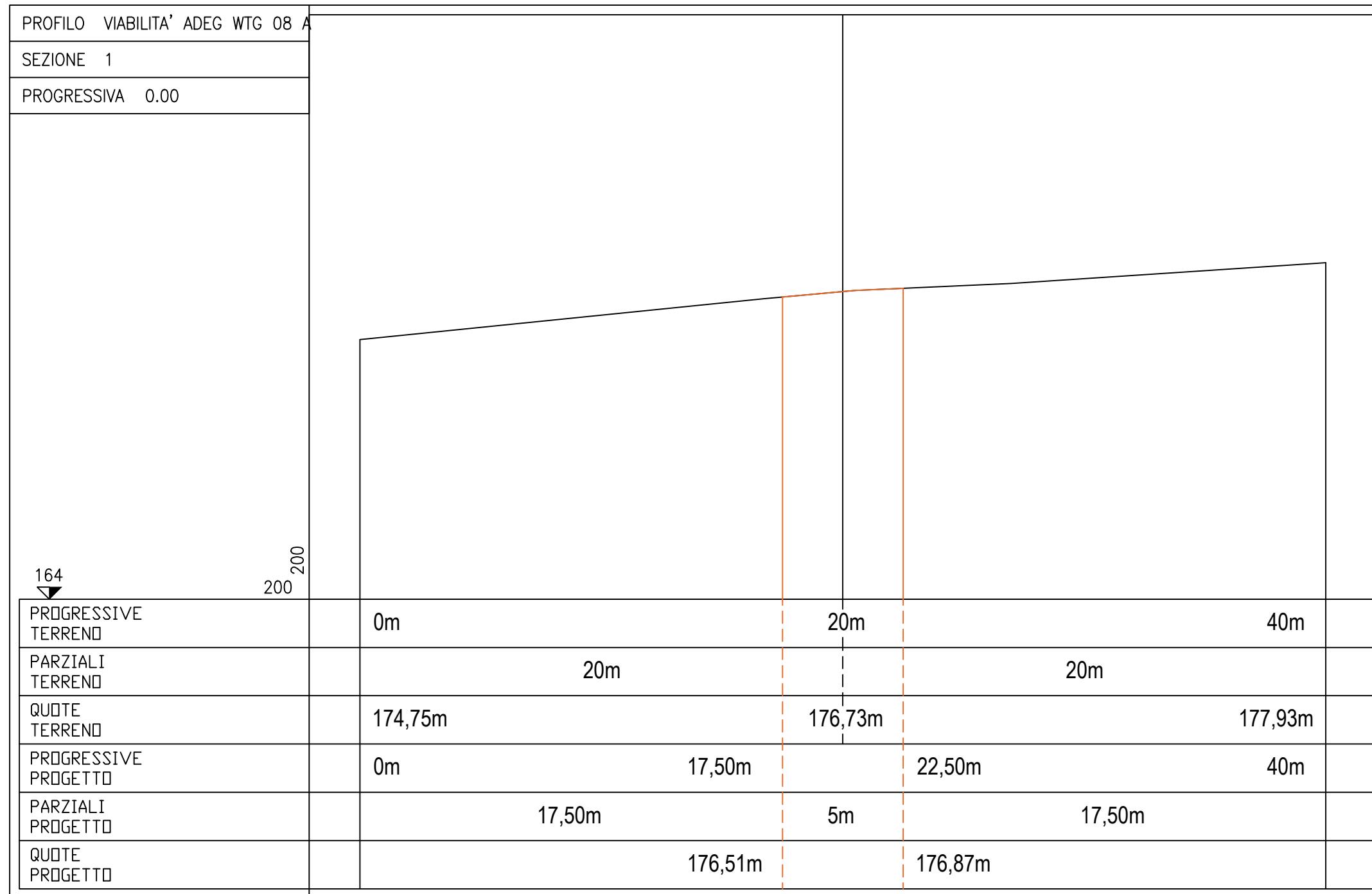


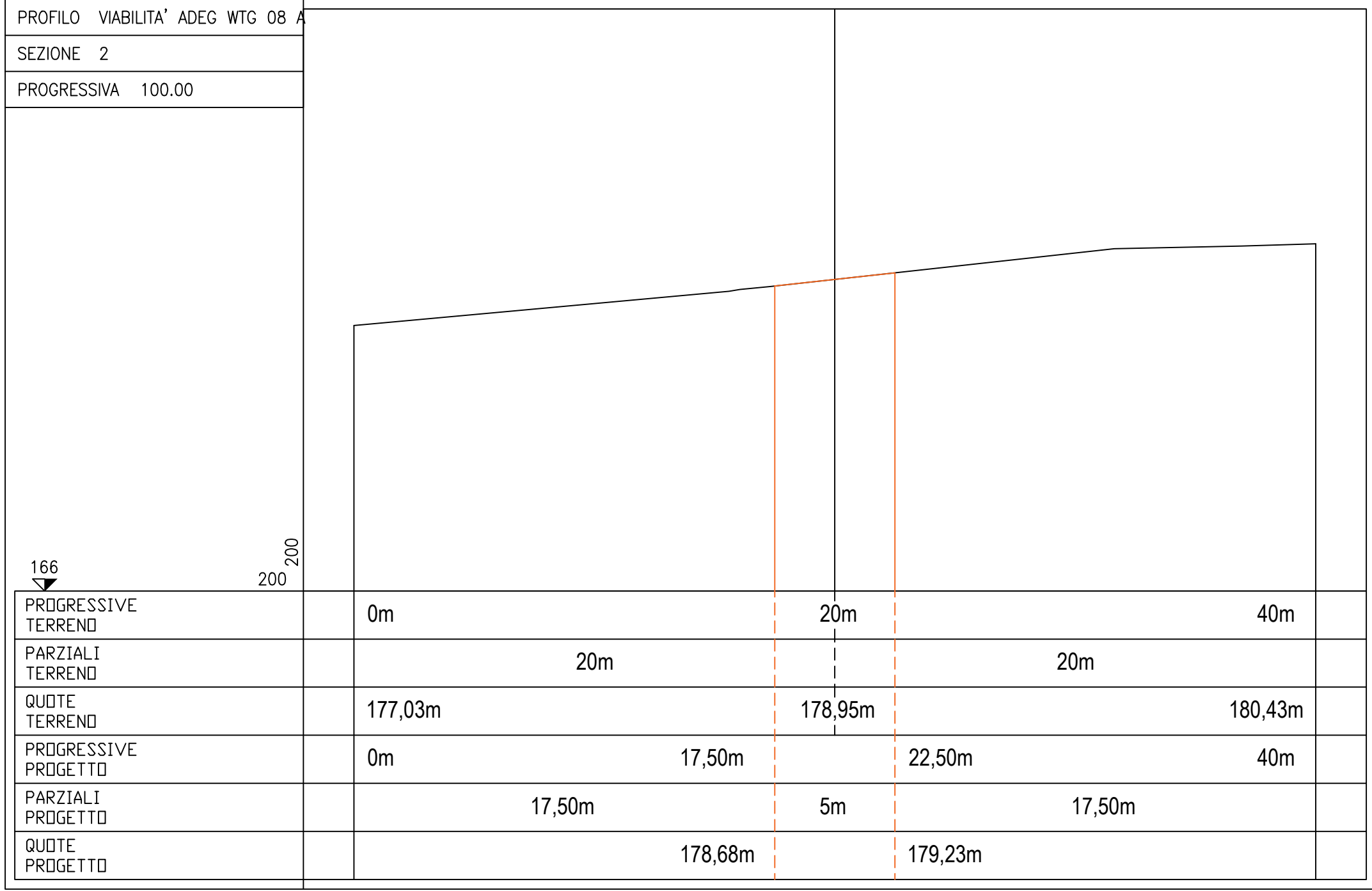


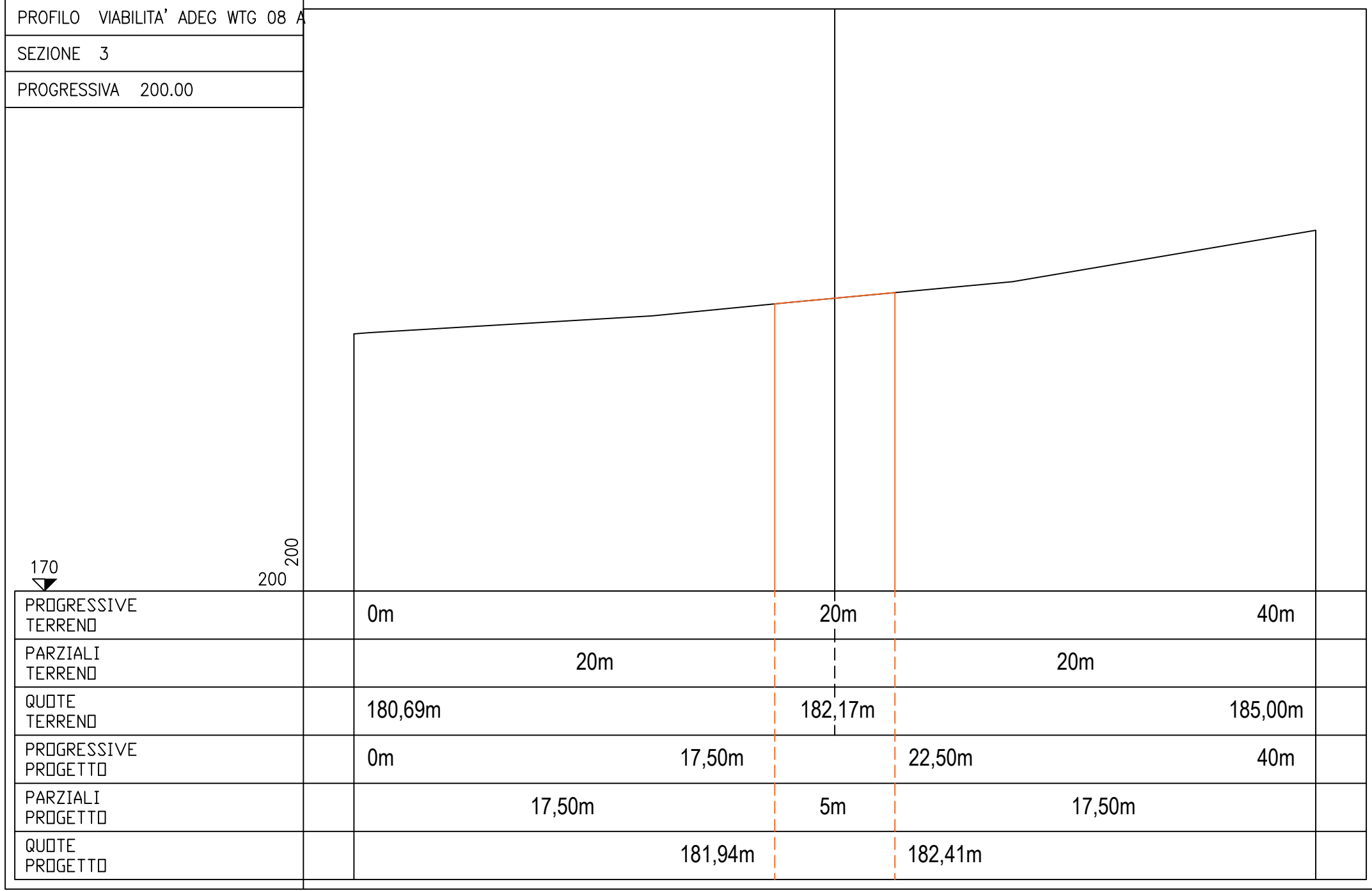




Viabilità esistente da adeguare wtg 08A



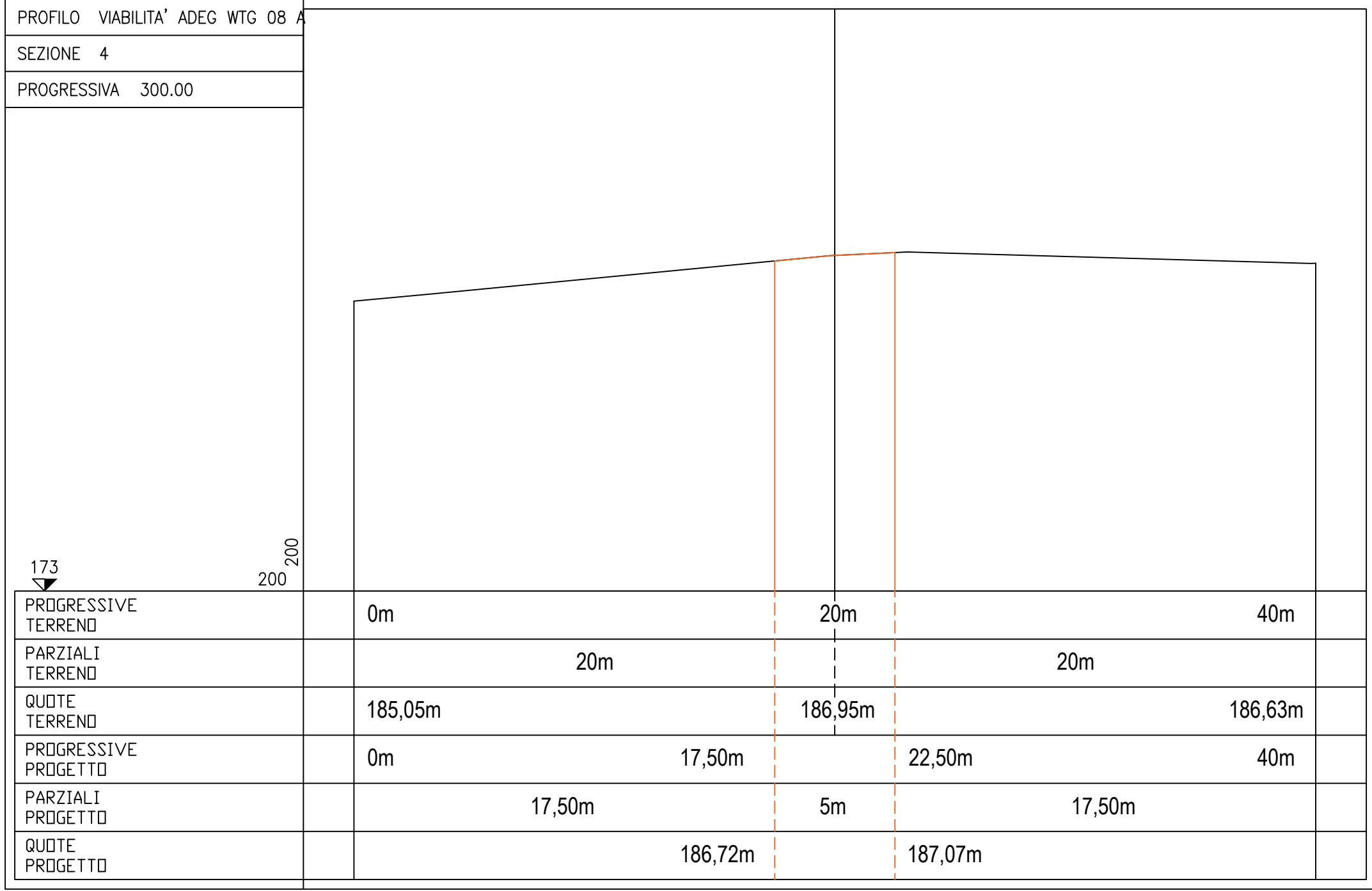


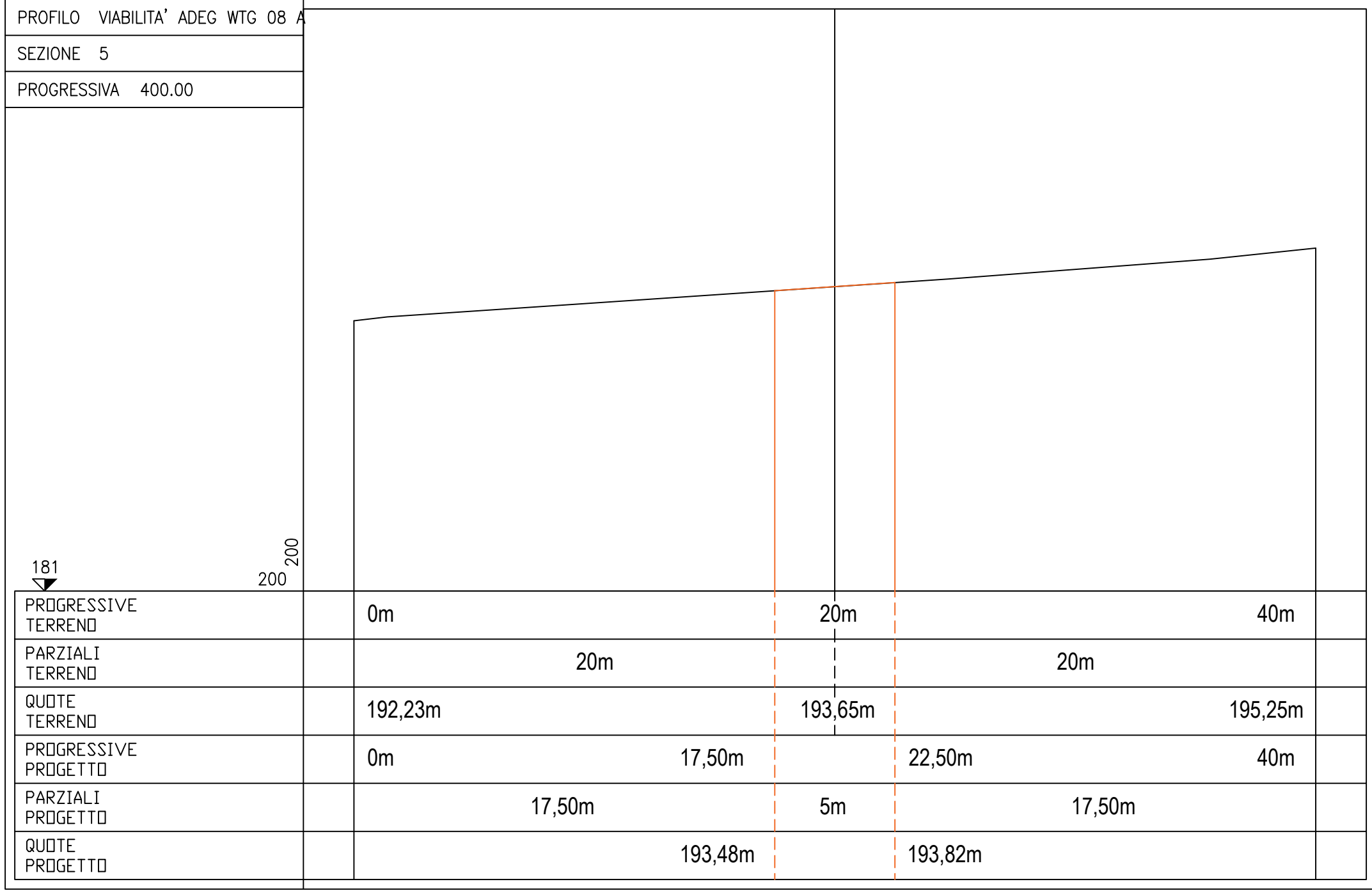


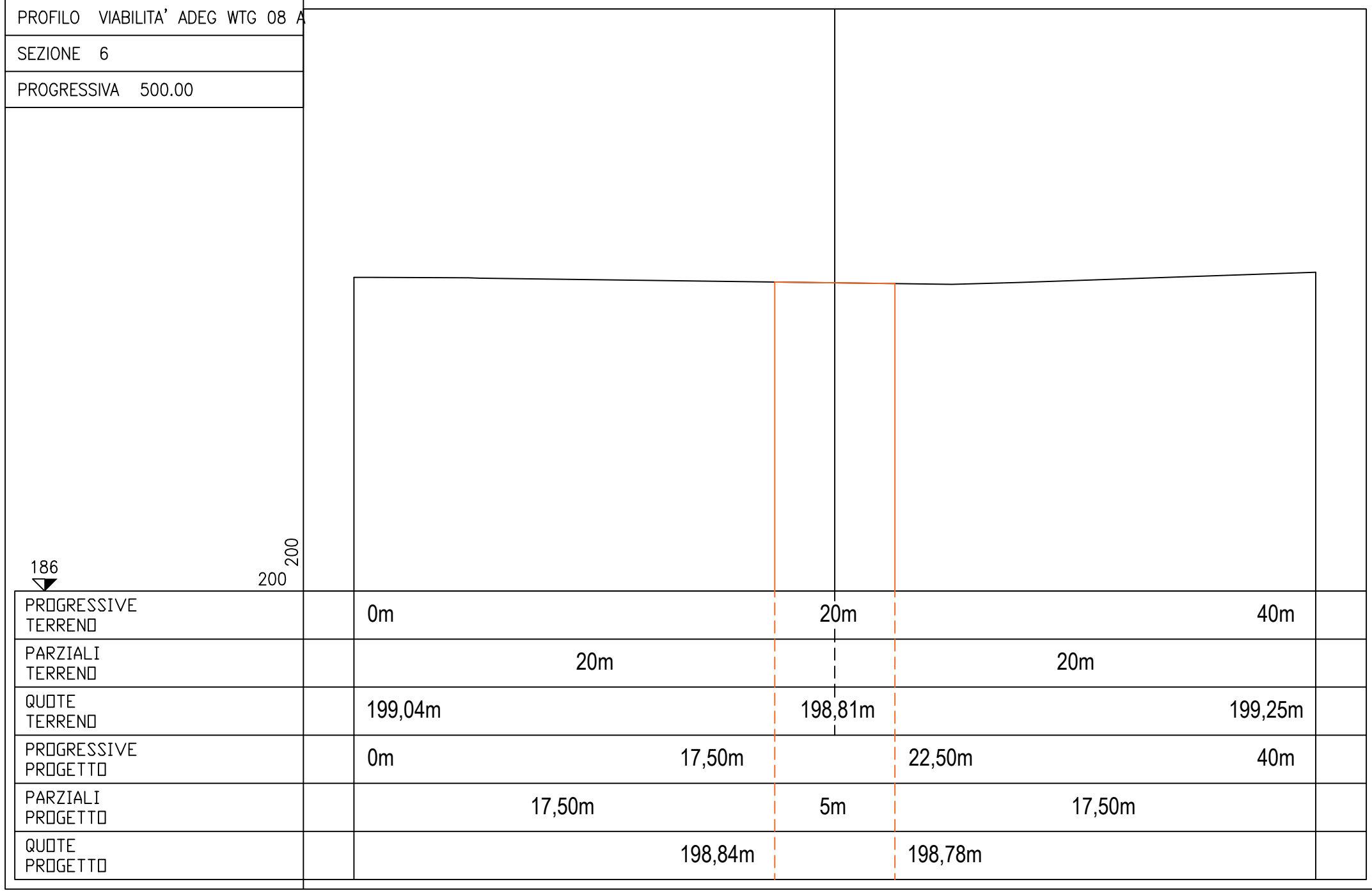
PROFILO VIABILITA' ADEG WTG 08 A  
 SEZIONE 3  
 PROGRESSIVA 200.00

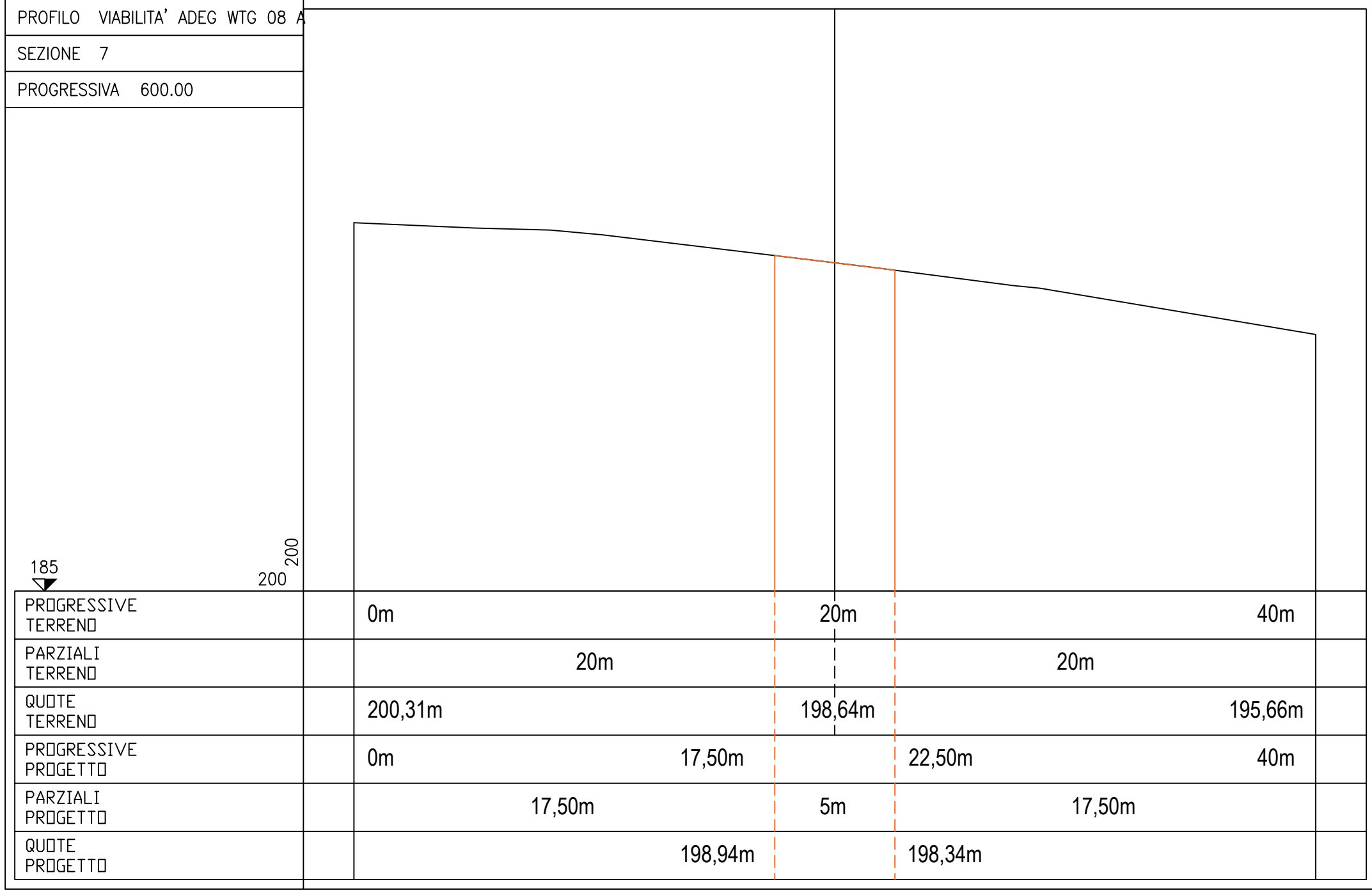
170  
 200 200

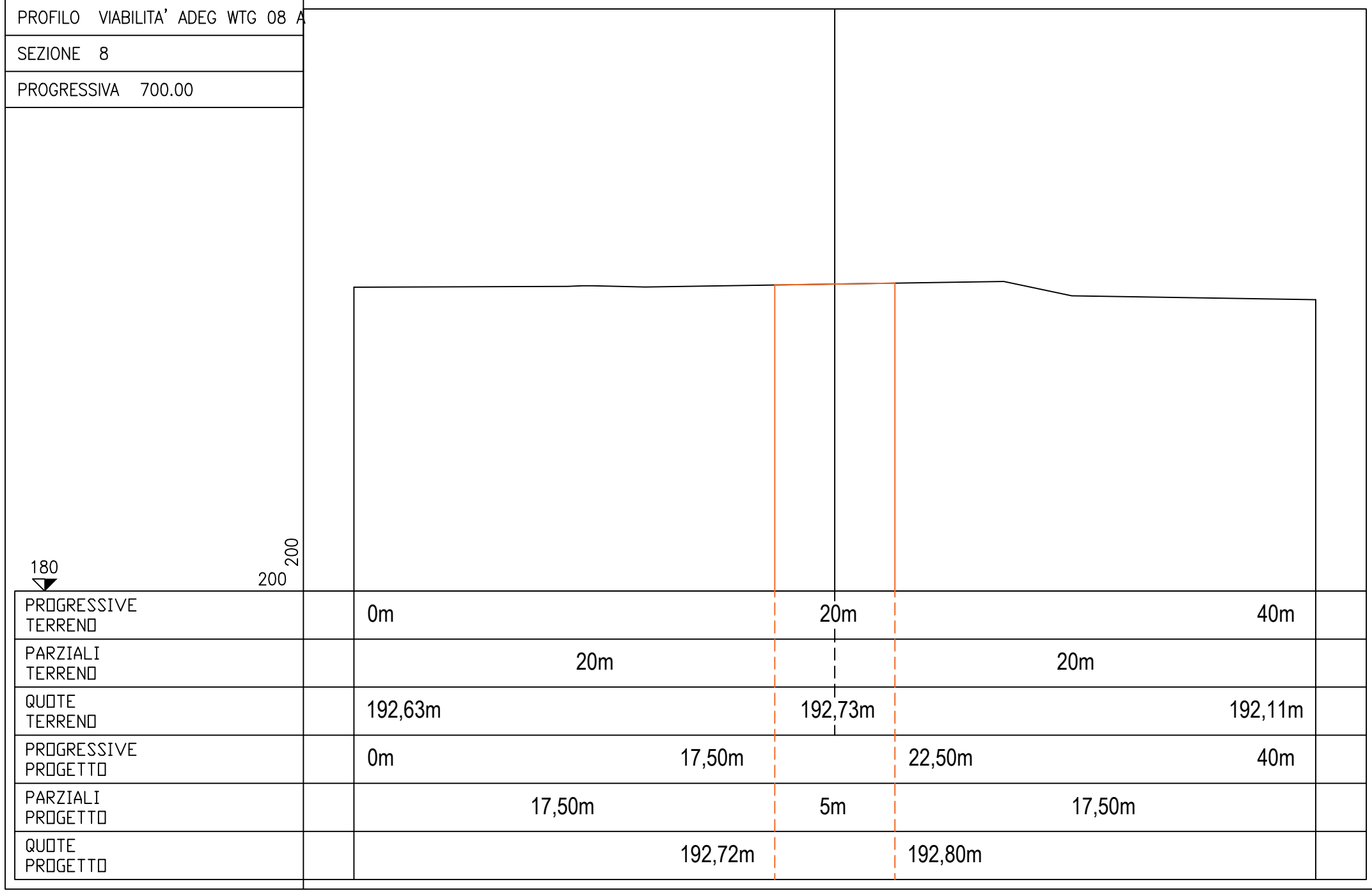


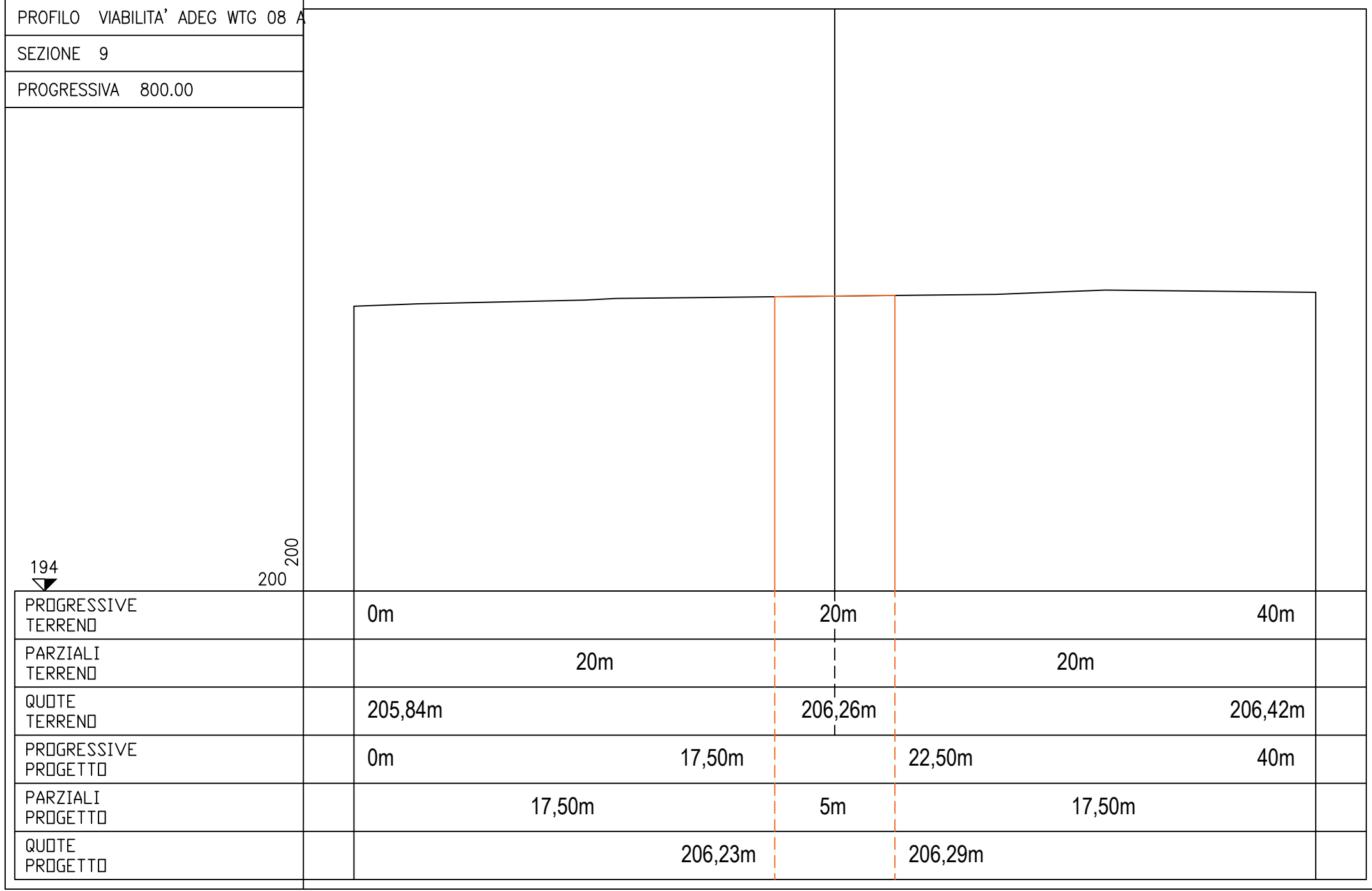








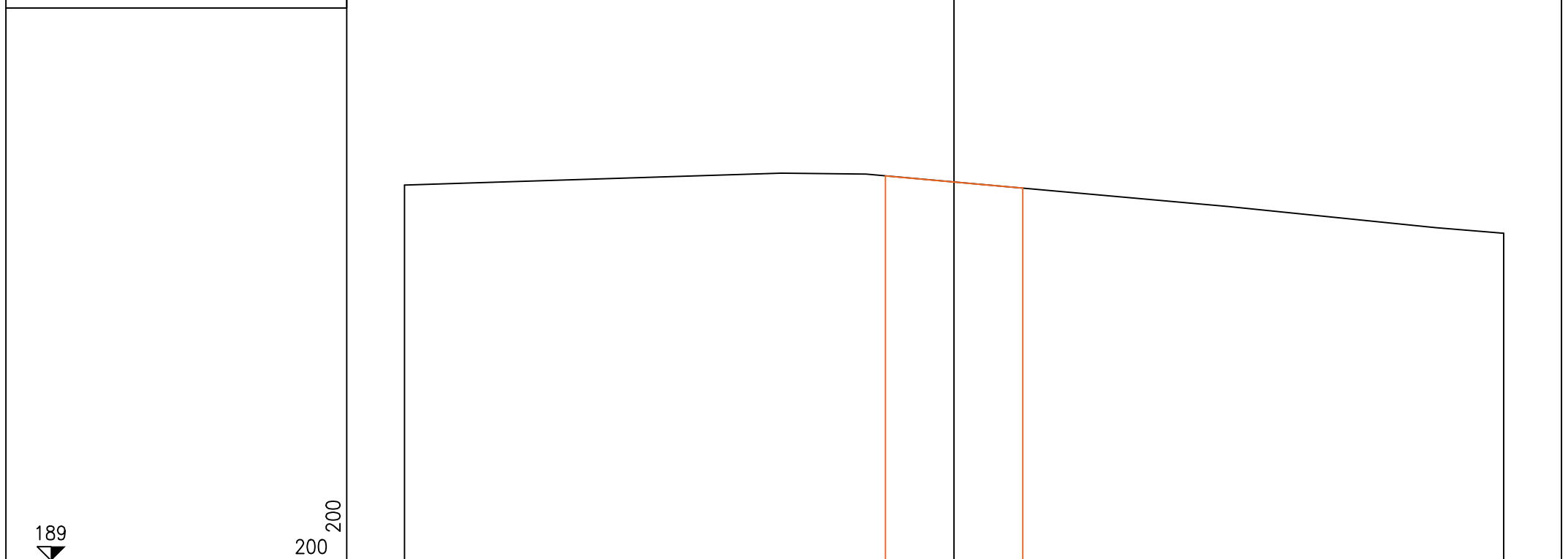




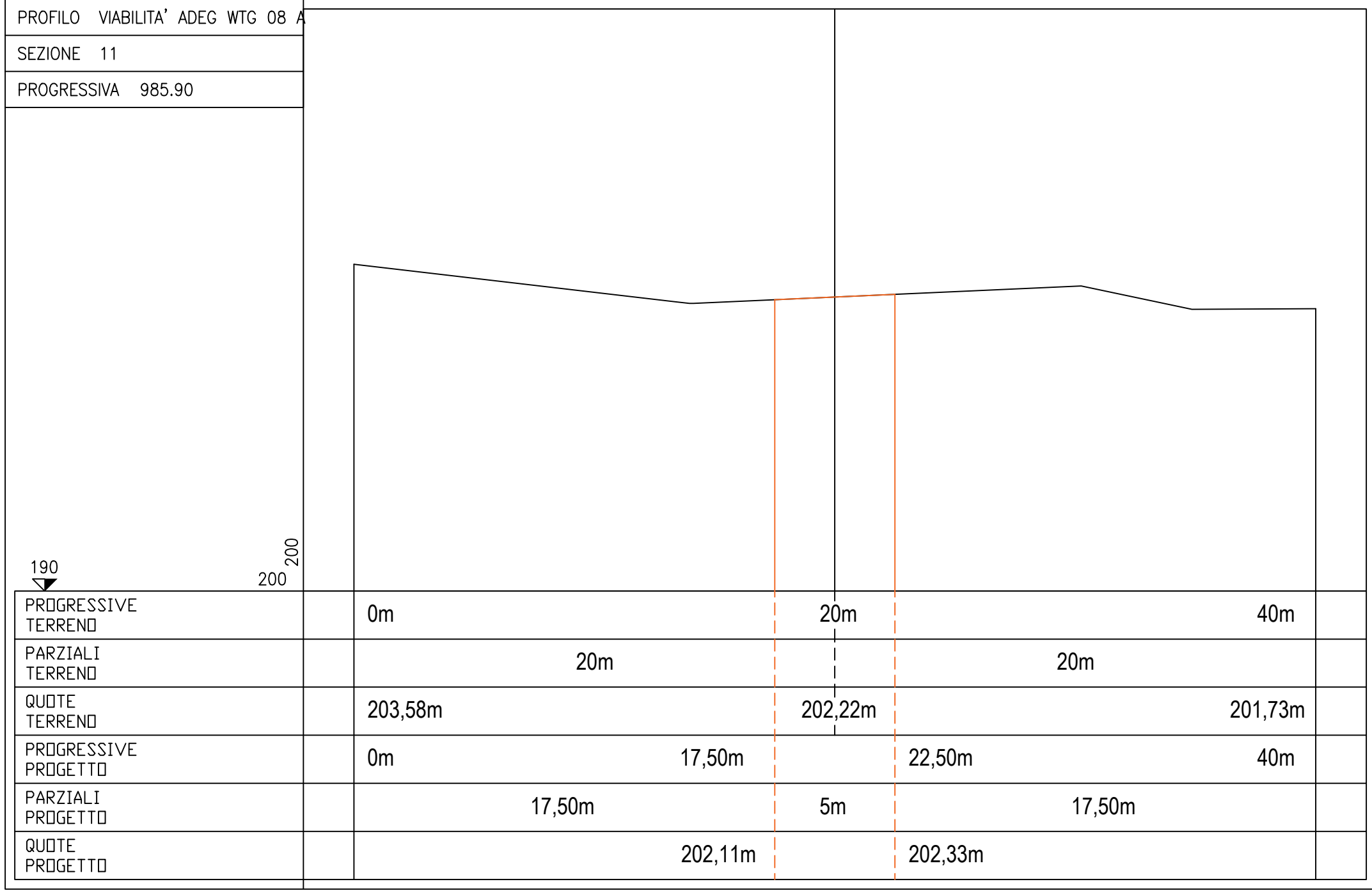
PROFILO VIABILITA' ADEG WTG 08 A

SEZIONE 10

PROGRESSIVA 900.00

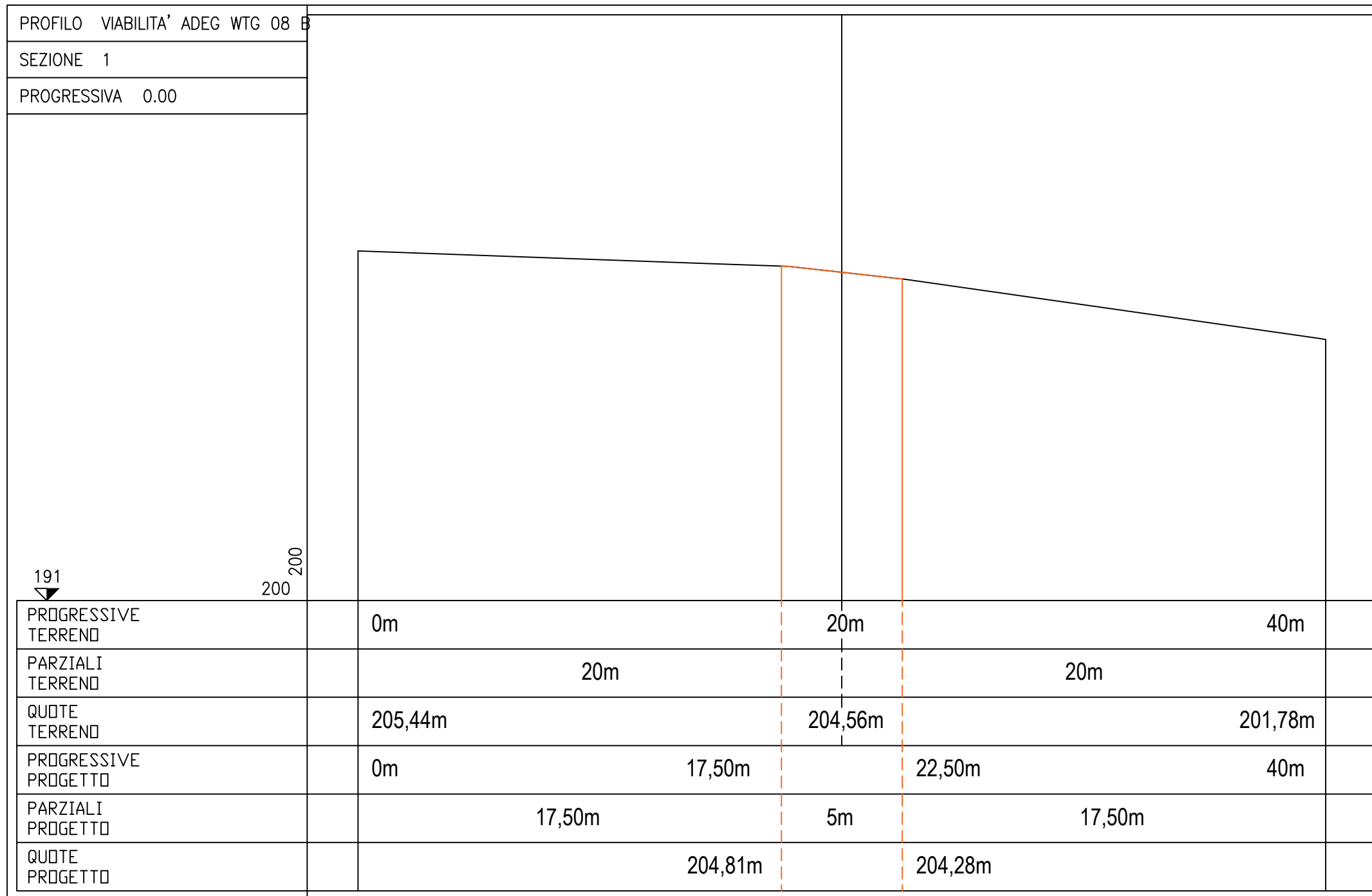


PROGRESSIVE TERRENO	0m	20m	40m
PARZIALI TERRENO	20m	20m	
QUOTE TERRENO	202,66m	202,77m	200,91m
PROGRESSIVE PROGETTO	0m	17,50m	22,50m
PARZIALI PROGETTO	17,50m	5m	17,50m
QUOTE PROGETTO	202,99m	202,55m	

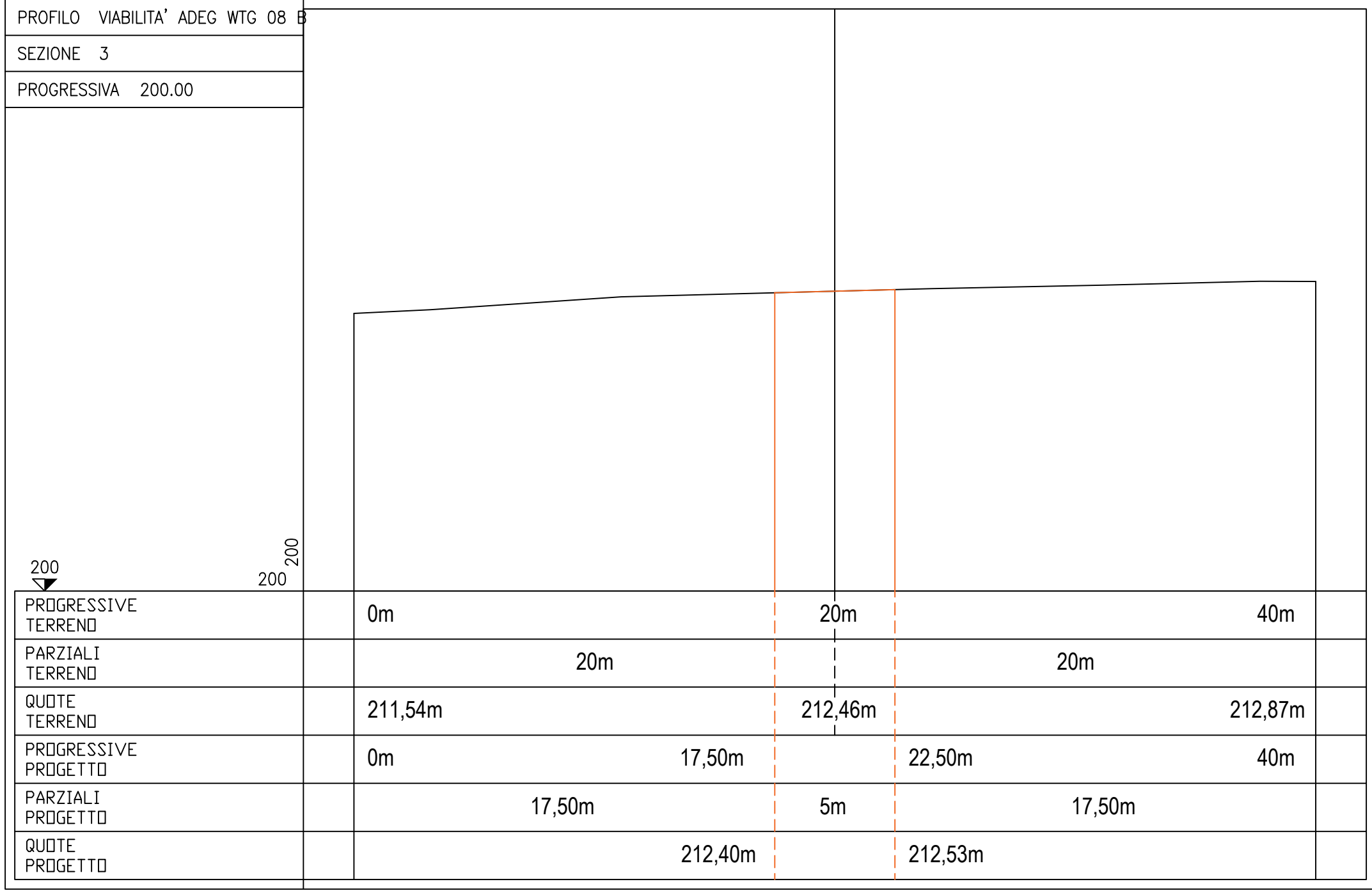


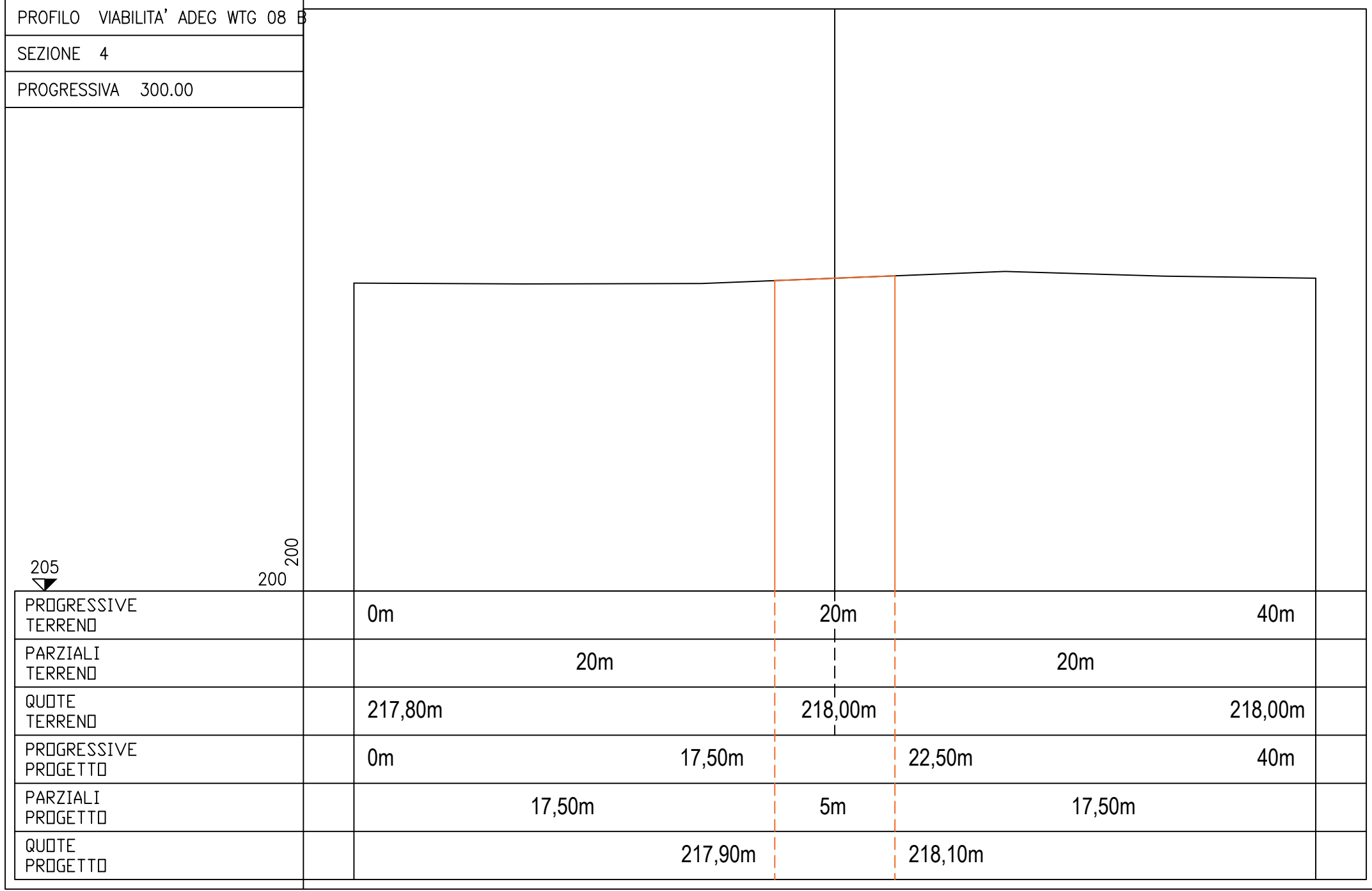


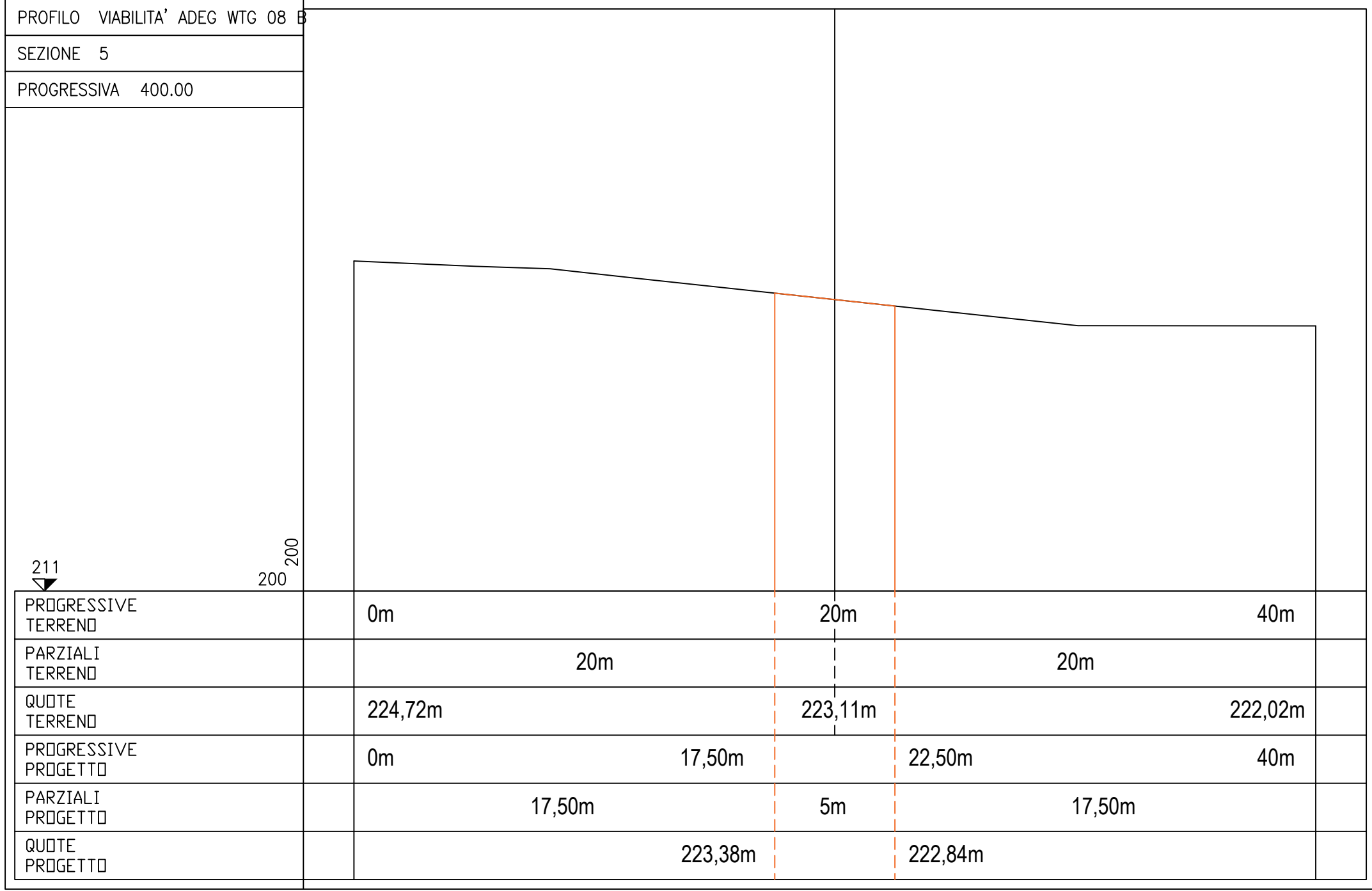
Viabilità esistente da adeguare wtg 08B

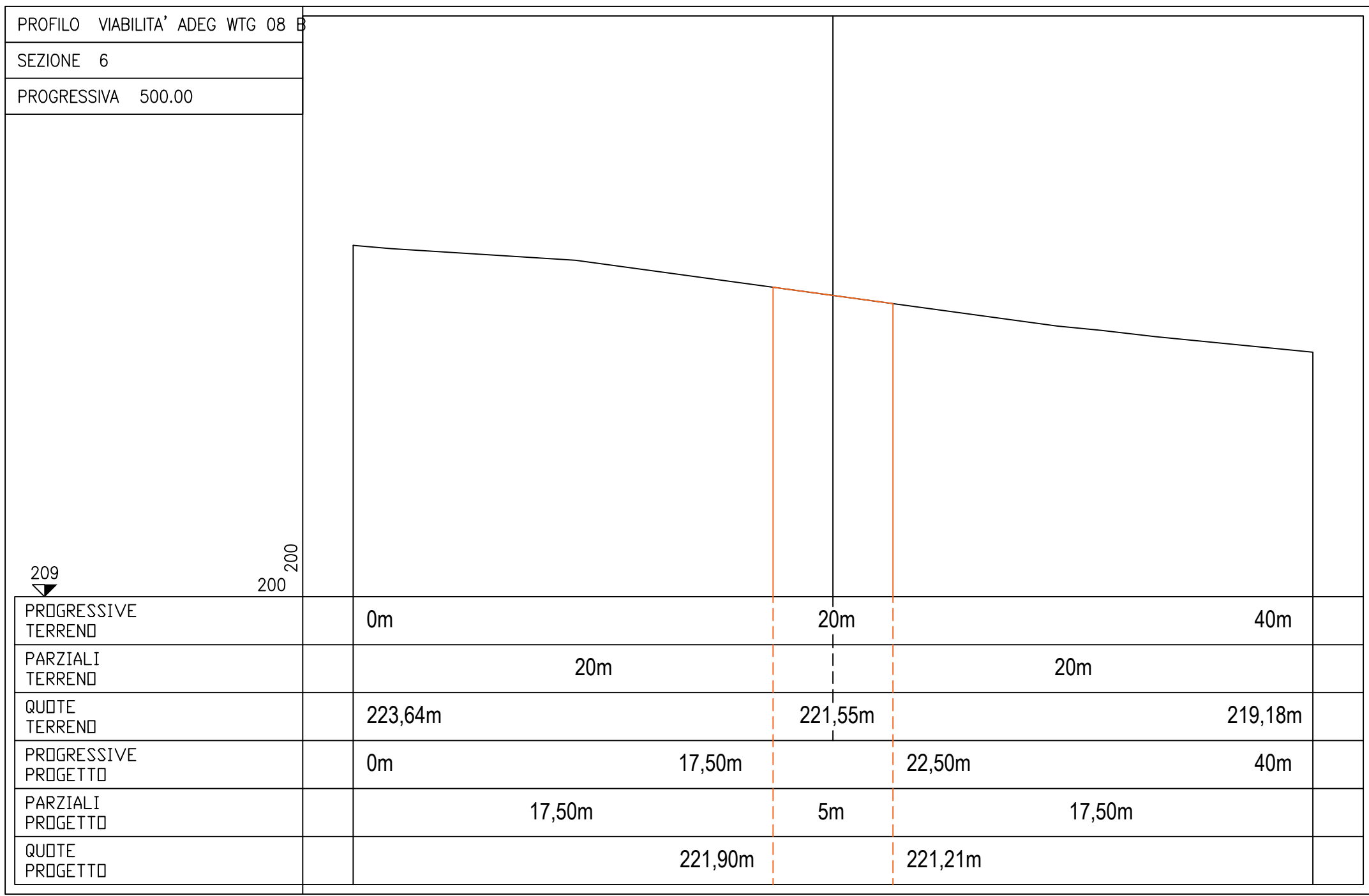


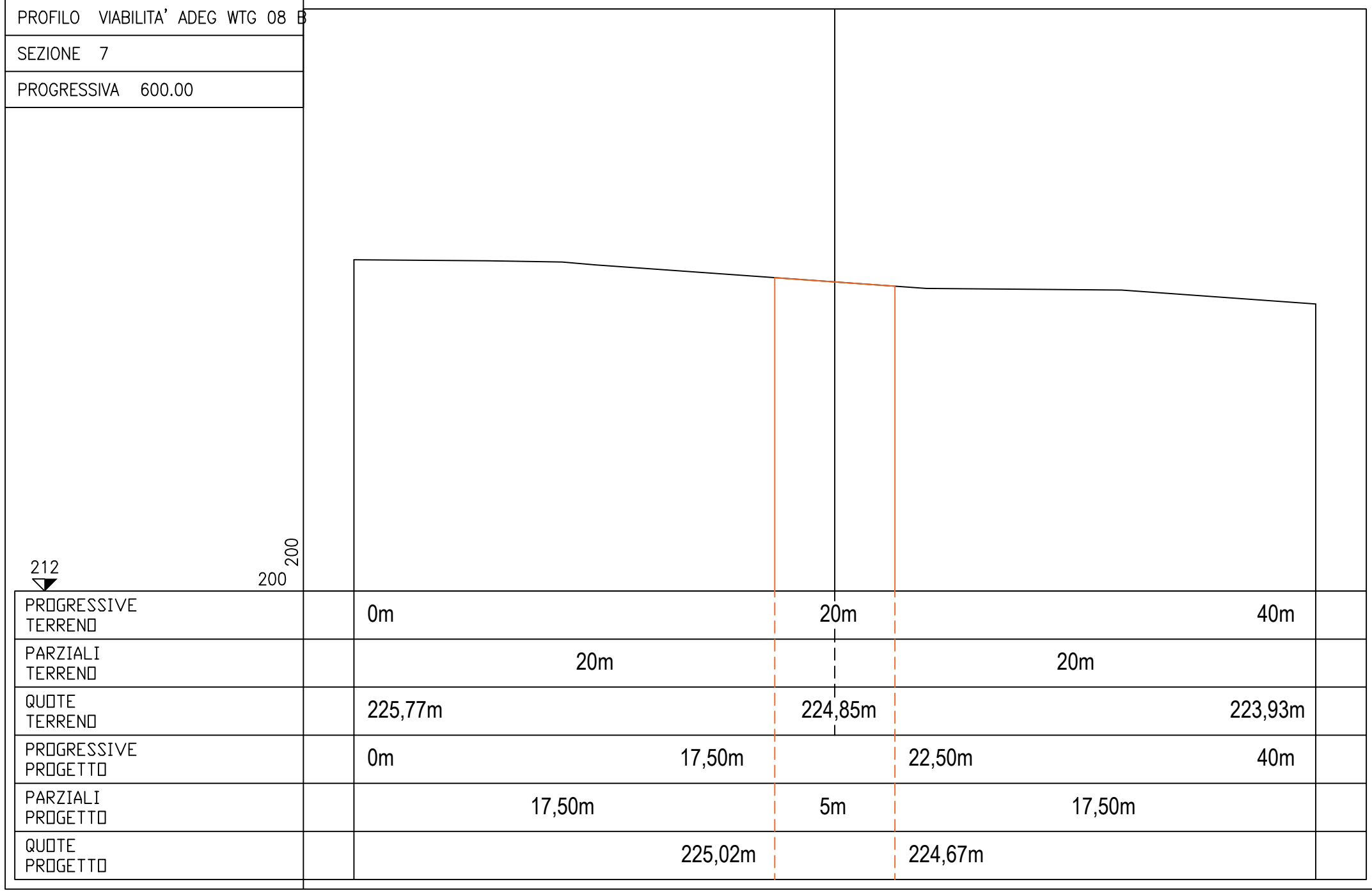
PROFILO VIABILITA' ADEG WTG 08 B					
SEZIONE 2					
PROGRESSIVA 100.00					
PROGRESSIVE TERRENO		0m		20m	40m
PARZIALI TERRENO		20m			20m
QUOTE TERRENO		209,18m		208,90m	208,75m
PROGRESSIVE PROGETTO		0m	17,50m		22,50m 40m
PARZIALI PROGETTO		17,50m		5m	17,50m
QUOTE PROGETTO		208,92m			208,87m

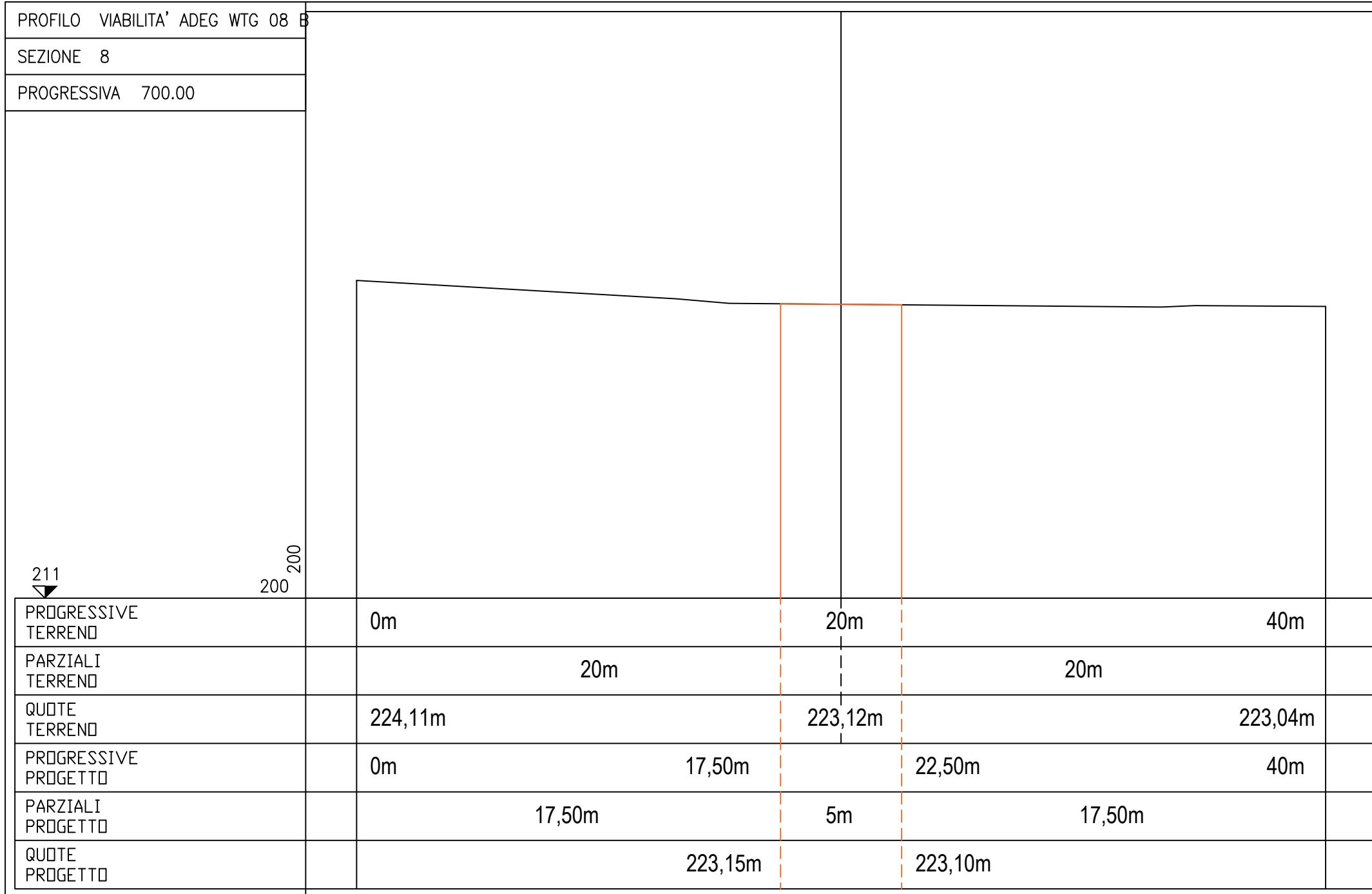














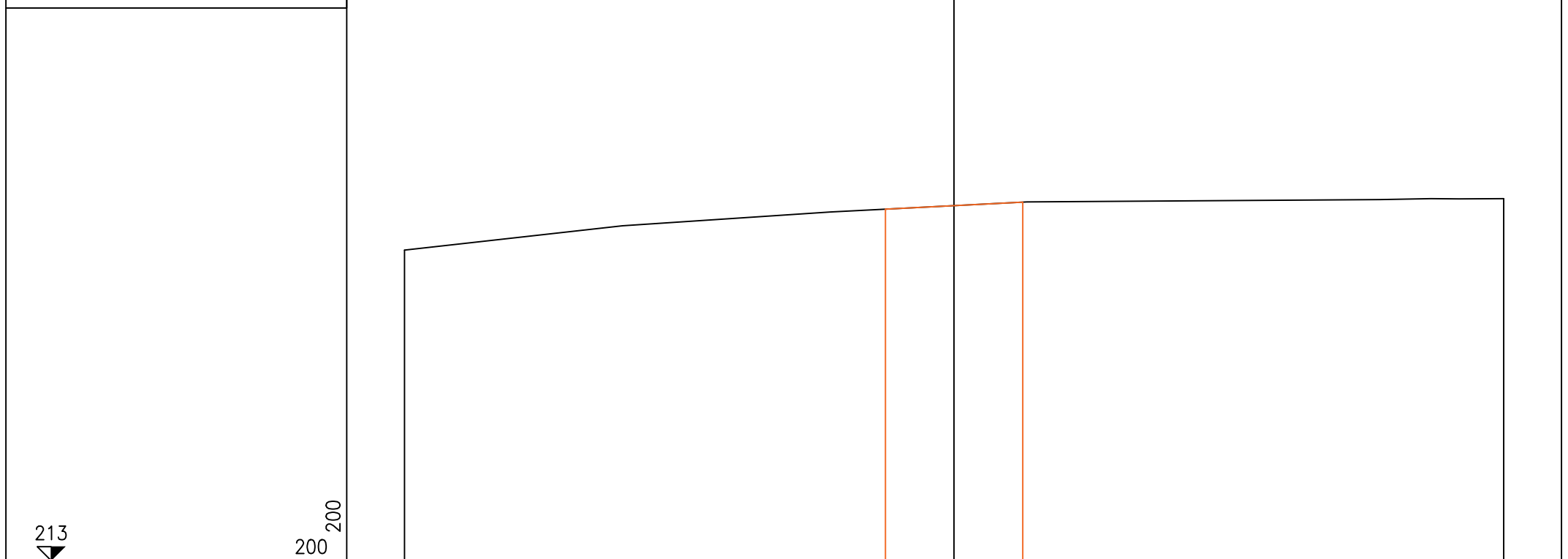




PROFILO VIABILITA' ADEG WTG 08 B

SEZIONE 11

PROGRESSIVA 1000.00



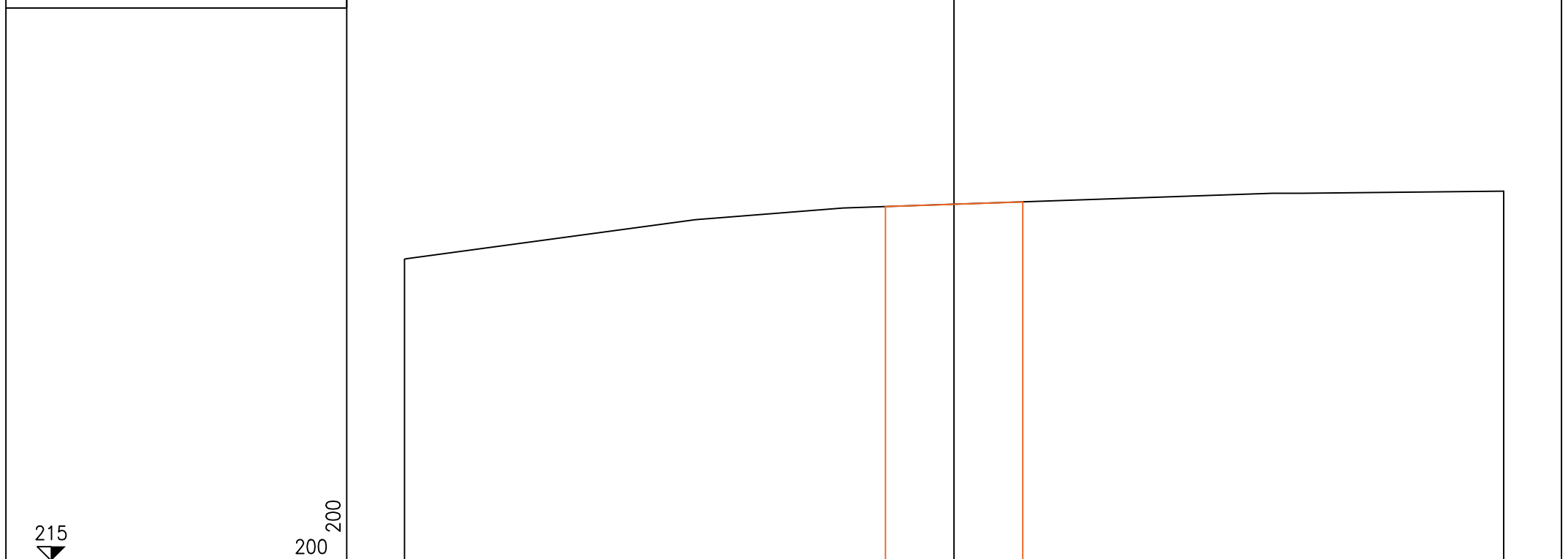
PROGRESSIVE TERRENO	0m	20m	40m
PARZIALI TERRENO	20m	20m	
QUOTE TERRENO	224,29m	225,91m	226,16m
PROGRESSIVE PROGETTO	0m	17,50m	22,50m
PARZIALI PROGETTO	17,50m	5m	17,50m
QUOTE PROGETTO	225,79m	226,04m	



PROFILO VIABILITA' ADEG WTG 08 B

SEZIONE 13

PROGRESSIVA 1200.00



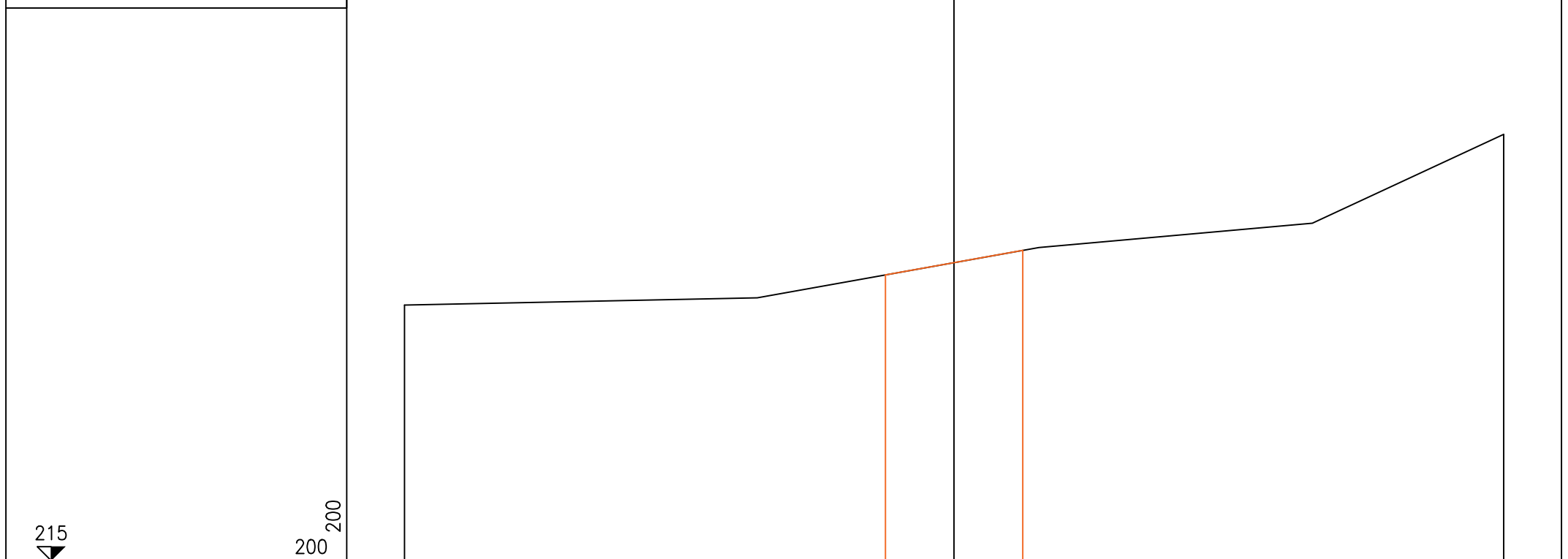
PROGRESSIVE TERRENO	0m	20m	40m
PARZIALI TERRENO	20m	20m	
QUOTE TERRENO	225,96m	227,96m	228,44m
PROGRESSIVE PROGETTO	0m	17,50m	22,50m
PARZIALI PROGETTO	17,50m	5m	17,50m
QUOTE PROGETTO		227,87m	228,05m



PROFILO VIABILITA' ADEG WTG 08 B

SEZIONE 15

PROGRESSIVA 1366.84



PROGRESSIVE TERRENO	0m	20m	40m
PARZIALI TERRENO	20m	20m	
QUOTE TERRENO	224,29m	225,84m	230,51m
PROGRESSIVE PROGETTO	0m	17,50m	22,50m
PARZIALI PROGETTO	17,50m	5m	17,50m
QUOTE PROGETTO	225,39m	226,28m	