

Idejni projekt Nove zagrebačke cestovne obilaznice, idonica Polonje - Vrhovec

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**SVEUČILIŠTE U ZAGREBU
GRAĐEVINSKI FAKULTET**

Petra Kipa

DIPLOMSKI RAD

ZAGREB, 2023.

**SVEUČILIŠTE U ZAGREBU
GRAĐEVINSKI FAKULTET**

**IDEJNI PROJEKT NOVE ZAGREBAČKE CESTOVNE OBILAZNICE,
DIONICA POLONJE – VRHOVEC**

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diplomskog rada:

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| HR | Idejni projekt Nove zagrebačke cestovne obilaznice, dionica Polonje - Vrhovec |
| ENG | Preliminary design of the New Zagreb road bypass, section Polonje - Vrhovec |

Opis teme diplomskog rada:

Potrebno je izraditi idejni projekt Nove zagrebačke cestovne obilaznice na dionici Polonje - Vrhovec u dvije varijante. Idejni projekt treba prikazati kroz sljedeće priloge:

- Tehnički opis,
- Pregledna situacija,
- Situacija,
- Uzdužni profili,
- Normalni poprečni profili,
- Karakteristični profili,
- Povezivanje na lokalnu cestovnu mrežu,
- Detalji,
- Predmjer radova.

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Sažetak

U diplomskom radu su prikazane dvije varijante idejnog rješenja nove zagrebačke cestovne obilaznice na dionici Polonje-Vrhovec čiji je trenutni status koridor u istraživanju. Varijante su projektirane u skladu s Pravilnikom (NN 110/01) za projektnu brzinu od 130 km/h. Duljina dionice za varijantu 1 iznosi 9453.615 m, a za varijantu 2 iznosi 9208.128 m. U horizontalnom smislu varijanta 1 se sastoji od 2 pravca, 5 protusmjernih krivina i prijelaznica. Varijanta 2 sastoji se od 2 pravca, 4 protusmjerne krivine i prijelaznica. Primijenjeni polumjeri krivina iznose 900, 1500 i 2000 m. Vertikalno vođenje trase ceste definirano je niveletom, pri čemu je maksimalni primijenjeni uzdužni nagib 2.32% za varijantu 1 odnosno 1.76% za varijantu 2. Najmanji primijenjeni uzdužni nagib u obje varijante iznosi 0.5%. Niveleta je na lomovima zaobljena vertikalnim krivinama polumjera 30000 m. Kao mjerodavni poprečni profil odabran je profil A-a (autoceste, $V_p \geq 120$ km/h). Širine prometnih trakova su 3.75 m, zaustavnih trakova 2.5 m, rubnih trakova 0.2 m i 0.5 m te razdjelnog pojasa 4 m. Na projektiranim varijantama ceste ispitana je preglednost. Pokazalo se da autocesta na nekim dijelovima ne zadovoljava uvjete preglednosti te da je potrebno proširiti bermu. Idejnim projektom obuhvaćena je izrada idejnih projekata rekonstrukcije dviju županijskih cesta koji se sijeku s trasom. U vertikalnom smislu su nivelete županijskih cesta definirane kao nadvožnjak.

Abstract

This master thesis presents two preliminary variants of the new bypass road around Zagreb between Polonje and Vrhovec, whose current status is a corridor in research. The variants are designed for a design speed of 130 km/h according to the Croatian regulation (NN110/01). The length of the designed road section is 9453.615 m for variant 1 and 9208.128 m for variant 2. The horizontal alignment of variant 1 consists of 2 straight lines, 5 curves and transition curves. Variant 2 consists of 2 straight lines, 4 curves and transition curves. The applied curve radii are 900, 1500 and 2000 m. The vertical alignment of the designed road has a maximum longitudinal slope of 2.32% in variant 1 and 1.76% in variant 2. The minimum longitudinal slope is 0.5% in both variants. Profile A-a (motorways with design speed ≥ 120 km/h) is chosen as the standard cross-section profile. The width of the lanes is 3.75 m, the width of the stopping lanes is 2.50 m, the width of the shoulder lanes is 0.2 m and 0.5 m, respectively, and the width of the median is 4 m. The stopping sight distance was examined on the designed road variants. Sight distance requirements were not met on some sections of the motorway so widening of the side slope is required on these sections. Reconstruction of the two existing roads that intersect with the designed motorway corridor is also part of the project scope, and their vertical alignment is defined as an overpass.

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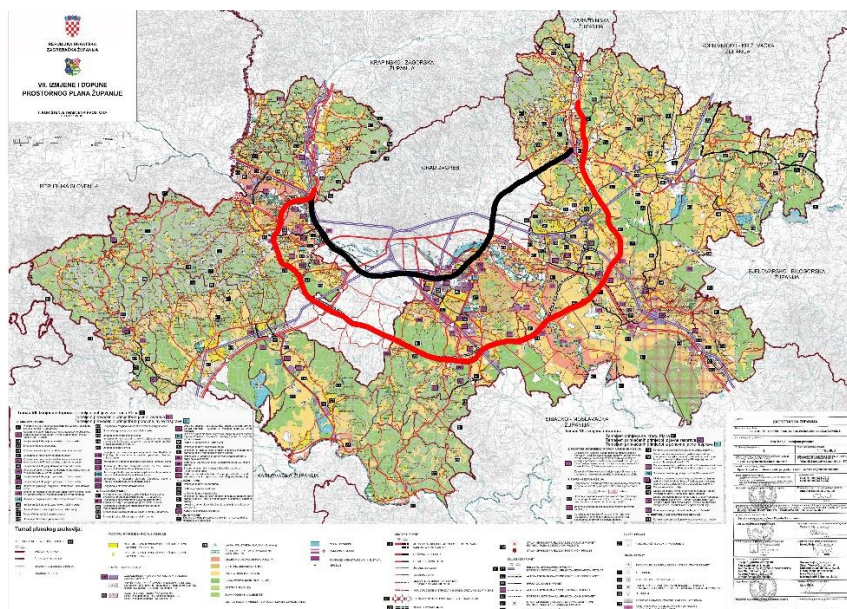
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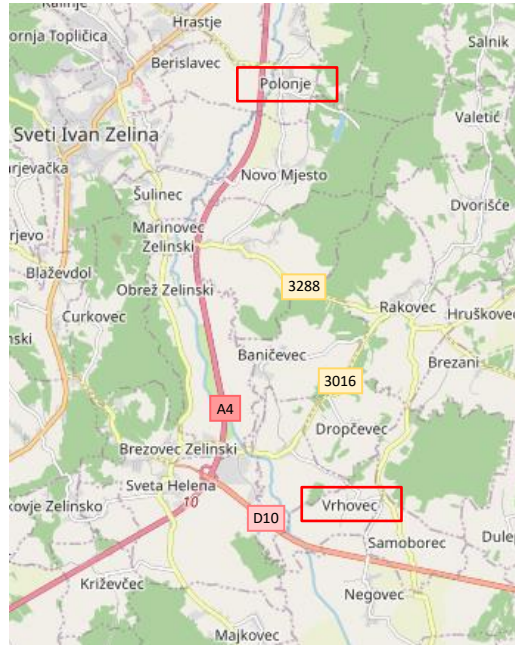
1. Uvod

Osnovna funkcija Zagrebačke obilaznice je omogućavanje propusnosti tranzitnog prometa oko grada Zagreba kako bi se smanjilo opterećenje centralnih područja grada i zagušenost na ulazima u grad. Sastoji se od dionice Zaprešić-Jankomir na autocesti A2, dionice Jankomir-Ivanja Reka na autocesti A3 i dionice Ivanja Reka-Sveta Helena na autocesti A4. Rast i razvoj grada, nenaplaćivanje cestarine i gradnja dodatnih čvorova na Zagrebačkoj obilaznici rezultirali su velikom količinom lokalnog prometa koji uzrokuje prometnu zasićenost na obilaznici kroz cijelu godinu. [1]

2011. godine u V. izmjenama i dopunama prostornog plana Zagrebačke županije, predložen je i započet postupak utvrđivanja nove autocestovne obilaznice Grada Zagreba. Nova obilaznica grada Zagreba bila bi dio mreže autocesta s naplatom i time omogućila tranzitnom prometu nesmetan prolaz bez zaustavljanja na naplatnim postajama koje se nalaze na početku i kraju postojeće obilaznice, a samim time povećao bi se i kapacitet postojeće obilaznice [2]. Prema posljednjim VII. izmjenama i dopunama prostornog plana Zagrebačke županije, planirana trasa nove autocestovne obilaznice Grada Zagreba prolazila bi čvorovima Zaprešić - Samobor - Horvati - Mraclin - Ivanić-Grad - Sv. Ivan Zelina [2]. Trenutni status nove obilaznice je „koridor u istraživanju“ i temelji se na Strategiji prostornog razvoja RH, Prostorno-prometne studije cestovno-željezničkog sustava šireg područja grada Zagreba i zahtjevu Hrvatskih autocesta [3]. Na slici 1. prikazan je Prostorni plan korištenja i namjene prostora Zagrebačke županije na kojem je crnom linijom označena trasa postojeće Zagrebačke obilaznice, a crvenom linijom trasa planirane nove zagrebačke obilaznice.



Slika 1. Prostorni plan korištenja i namjene prostora Zagrebačke županije [4]



Slika 2. Auto karta Hrvatske za dionicu Polonje - Vrhovec [5]

Idejnim projektom definirana je dionica nove zagrebačke cestovne obilaznice između naselja Polonje i Vrhovec (slika 2.). Prema Pravilniku [6] definirane su dvije varijante autoceste za projektnu brzinu od 130 km/h. Duljina dionice varijante 1 iznosi 9453.615 m, a u horizontalnom smislu os se sastoji od pravaca na početku i kraju dionice te 5 protusmjernih krivina. Duljina dionice varijante 2 iznosi 9208.128 m, a u horizontalnom smislu os se sastoji od pravaca na početku i kraju dionice te 4 protusmjerne krivine. Autocesta se visinski definira niveletom koja se većim dijelom nalazi u nasipu. Niveleta je na prijelomima zaobljena konkavnim i konveksnim krivinama. Odvodnja prometnice riješena je PEHD slivnicima, koji su povezani na PEHD revizijsko okno smješteno u razdjelnom pojasu, zajedno s kanalizacijskom cijevi. Predviđeno je spajanje u separator ulja i masti, odnosno lagunu (isušivanje).

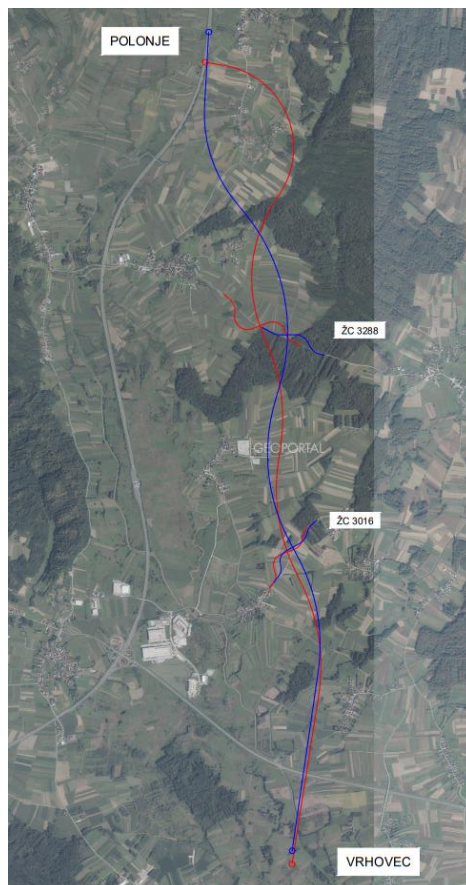
Na početku trase gdje je prisutna interakcija s prometnim tokom autoceste A4 predviđa se izvedba čvorišta izvan razine. Detaljna razrada idejnog rješenja cestovnog čvorišta nije obuhvaćena ovim radom. Na mjestu gdje dolazi do interakcije trase autoceste s prometnim tokom državne ceste D10 predviđena je izrada cestovnog nadvožnjaka. Detaljna razrada idejnog rješenja cestovnog nadvožnjaka nije obuhvaćena ovim radom. Idejnim projektom obuhvaćena je izrada idejnih projekata rekonstrukcije dviju županijskih cesta koji se sijeku s trasom, ŽC3288 i ŽC3016. U vertikalnom smislu nivelete županijskih cesta ŽC3288 i ŽC3016 su definirane iznad nivelete autoceste tj. kao nadvožnjak.

Svi horizontalni i vertikalni elementi svih cesta projektirani su u skladu s Pravilnikom [5], a idejni projekt je izrađen uz pomoć računalnih programa Open Roads Designer i AutoCad 2024.

2. Tehnički opis

2.1. Položaj dionice

Dionica Polonje - Vrbovec prolazi područjima općina Sveti Ivan Zelina, Rakovec i Vrbovec. Nalazi se između naselja Polonje gdje je autocesta u interakciji s prometnim tokom autoceste A4 Ivanja Reka - Goričan i naselja Vrbovec gdje dolazi do interakcije trase autoceste s prometnim tokom državne ceste D10. Idejnim projektom definirane su dvije varijante trase. Projektna duljina dionice varijante 1 je 9453.615 m te je na slici 3. prikazana crvenom linijom. Projektna duljina dionice varijante 2 je 9208.128 m te je na slici 3. prikazana plavom linijom.



Slika 3. Pregledna situacija varijanti autoceste na dionici Polonje - Vrbovec

2.2. Horizontalni elementi osi autoceste (varijanta 1)

Horizontalni elementi dionice autoceste na dionici Polonje - Vrbovec odabrani su prema Pravilniku (NN 110/01) [6] za autocestu i projektnu brzinu od 130 km/h. Minimalne vrijednosti polumjera horizontalnih krivina, prijelaznica i duljine kružnog luka prema Pravilniku [6] za autocestu i projektnu brzinu od 100 km/h navedeni su u tablici 1.

Tablica 1. Minimalni horizontalni elementi za autocestu, varijanta 1 [6]

| Minimalni elementi | Vrijednost [m] |
|--------------------|----------------|
| R_{min} | 850 |
| L_{Kmin} | 36 |
| L_{Pmin} | 115 |

Horizontalna os sastoji se od pravca na početku i pravca na kraju dionice te 5 protusmjernih krivina. Prijelaznice odgovarajuće duljine primijenjene su na prijelazu iz pravca u kružni luk kao i između protusmjernih krivina. Najmanji primijenjeni polumjer horizontalne krivine iznosi 900 m, a najveći 2000 m. Najmanja primijenjena duljina prijelaznice iznosi 130 m, a najveća 200 m. Svi primijenjeni horizontalni elementi trase prikazani su u tablici 2. te su grafički prikazani su u priložima 3.1., 3.2., 3.3. i 3.4.

Tablica 2. Horizontalni elementi na dionici Polonje - Vrhovec, varijanta 1

| Stacionaža | | Element | R [m] | L_p [m] | L_k [m] | L [m] |
|------------|-----------|--------------|-------|-----------|-----------|----------|
| 0+000.000 | 0+130.000 | pravac | - | - | - | 130.000 |
| 0+130.000 | 0+260.000 | prijelaznica | - | 130 | - | - |
| 0+260.000 | 1+916.757 | kružni luk | 900 | - | 1716.757 | - |
| 1+916.757 | 2+046.757 | prijelaznica | - | 130 | - | - |
| 2+046.757 | 2+096.757 | prijelaznica | - | 150 | - | - |
| 2+096.757 | 3+492.232 | kružni luk | 1500 | - | 1395.475 | - |
| 3+492.232 | 3+642.232 | prijelaznica | - | 150 | - | - |
| 3+642.232 | 3+842.232 | prijelaznica | - | 200 | - | - |
| 3+842.232 | 4+716.040 | kružni luk | 2000 | - | 873.808 | - |
| 4+716.040 | 4+916.040 | prijelaznica | - | 200 | - | - |
| 4+916.040 | 5+116.040 | prijelaznica | - | 200 | - | - |
| 5+116.040 | 6+097.827 | kružni luk | 2000 | - | 981.787 | - |
| 6+097.827 | 6+297.827 | prijelaznica | - | 200 | - | - |
| 6+297.827 | 6+497.827 | prijelaznica | - | 200 | - | - |
| 6+497.827 | 7+507.143 | kružni luk | 2000 | - | 1009.316 | - |
| 7+507.143 | 7+707.143 | prijelaznica | - | 200 | - | - |
| 7+707.143 | 9+453.615 | pravac | - | - | - | 1746.472 |

2.3. Horizontalni elementi osi rekonstruiranih cesta ŽC3288 i ŽC3016 (varijanta 1)

Idejnim projektom obuhvaćena je izrada idejnih projekata rekonstrukcije dviju županijskih cesta koji se sijeku s trasom, ŽC3288 i ŽC3016. Rekonstrukcija se izvodi kako bi se osigurala što kraća duljina nadvožnjaka zbog optimalnog okomitog prelaska preko autoceste.

Horizontalni elementi za rekonstruirane ceste odabrani su za projektnu brzinu od 60 km/h i 3. kategoriju ceste. Rekonstruirana cesta ŽC3288 sastoji se od 2 pravca (na početku i na kraju dionice), 4 protusmjerne krivine, jednog međupravca između krivina 2 i 3 te prijelaznica na prijelazu iz pravca u kružni luk kao i između protusmjernih krivina. Rekonstruirana cesta ŽC3016 sastoji se od pravca na početku dionice, 4 protusmjerne krivine, jednog međupravca između krivina 2 i 3 te prijelaznica na prijelazu iz pravca u kružni luk kao i između protusmjernih krivina. U tablici 3. navedene su minimalne vrijednosti polumjera horizontalnih krivina, prijelaznica i duljine kružnog luka prema Pravilniku [6]. Svi primijenjeni horizontalni elementi rekonstruiranih cesta prikazani su u tablicama 4. i 5. te su grafički prikazani su u prilogima 3.2. i 3.3.

Tablica 3. Minimalni horizontalni elementi za ceste ŽC3288 i ŽC3016, varijanta 1 [6]

| Minimalni elementi | Vrijednost [m] |
|--------------------|----------------|
| R_{min} | 120 |
| L_{Kmin} | 17 |
| L_{Pmin} | 45 |

Tablica 4. Horizontalni elementi ceste ŽC3288, varijanta 1

| Stacionaža | | Element | R [m] | L _p [m] | L _k [m] | L [m] |
|------------|-----------|--------------|-------|--------------------|--------------------|---------|
| 0+000.000 | 0+066.721 | pravac | - | - | - | 66.721 |
| 0+066.721 | 0+111.721 | prijelaznica | - | 45 | - | - |
| 0+111.721 | 0+214.948 | kružni luk | 150 | - | 103.227 | - |
| 0+214.948 | 0+259.948 | prijelaznica | - | 45 | - | - |
| 0+259.948 | 0+304.948 | prijelaznica | - | 45 | - | - |
| 0+304.948 | 0+543.585 | kružni luk | 140 | - | 238.637 | - |
| 0+543.585 | 0+588.585 | prijelaznica | - | 45 | - | - |
| 0+588.585 | 0+727.407 | međupravac | - | - | - | 138.822 |
| 0+727.407 | 0+772.407 | prijelaznica | - | 45 | - | - |
| 0+772.407 | 0+952.147 | kružni luk | 140 | - | 179.74 | - |
| 0+952.147 | 0+997.147 | prijelaznica | - | 45 | - | - |
| 0+997.147 | 1+042.147 | prijelaznica | - | 45 | - | - |
| 1+042.147 | 1+110.348 | kružni luk | 140 | - | 68.201 | - |
| 1+110.348 | 1+155.348 | prijelaznica | - | 45 | - | - |
| 1+155.348 | 1+220.887 | pravac | - | - | - | 65.539 |

Tablica 5. Horizontalni elementi ceste ŽC3016, varijanta 1

| Stacionaža | | Element | R [m] | L _p [m] | L _k [m] | L [m] |
|------------|-----------|--------------|-------|--------------------|--------------------|---------|
| 0+000.000 | 0+055.551 | pravac | - | - | - | 55.551 |
| 0+055.551 | 0+100.551 | prijelaznica | - | 45 | - | - |
| 0+100.551 | 0+171.286 | kružni luk | 120 | - | 70.735 | - |
| 0+171.286 | 0+216.286 | prijelaznica | - | 45 | - | - |
| 0+216.286 | 0+261.286 | prijelaznica | - | 45 | - | - |
| 0+261.286 | 0+400.792 | kružni luk | 120 | - | 139.506 | - |
| 0+400.792 | 0+445.792 | prijelaznica | - | 45 | - | - |
| 0+445.792 | 0+566.153 | međupravac | - | - | - | 120.361 |
| 0+566.153 | 0+611.153 | prijelaznica | - | 45 | - | - |
| 0+611.153 | 0+690.389 | kružni luk | 120 | - | 79.236 | - |
| 0+690.389 | 0+735.389 | prijelaznica | - | 45 | - | - |
| 0+735.389 | 0+780.389 | prijelaznica | - | 45 | - | - |
| 0+780.389 | 0+874.165 | kružni luk | 175 | - | 93.776 | - |

2.4. Horizontalni elementi osi autoceste (varijanta 2)

Horizontalni elementi dionice autoceste na dionici Polonje - Vrhovec odabrani su prema Pravilniku [6] za autocestu i projektnu brzinu od 130 km/h. Minimalne vrijednosti polumjera horizontalnih krivina, prijelaznica i duljine kružnog luka prema Pravilniku za autocestu i projektnu brzinu od 100 km/h navedeni su u tablici 1.

Horizontalna os sastoji se od pravca na početku i pravca na kraju dionice te 4 protusmjerne krivine. Prijelaznice odgovarajuće duljine primijenjene su na prijelazu iz pravca u kružni luk kao i između protusmjernih krivina. Najmanji primijenjeni polumjer horizontalne krivine iznosi 1500 m, a najveći 2000 m. Najmanja primijenjena duljina prijelaznice iznosi 150 m, a najveća 200 m. Svi primijenjeni horizontalni elementi trase prikazani su u tablici 6. te su grafički prikazani su u prilogima 4.1., 4.2., 4.3. i 4.4.

Tablica 6. Horizontalni elementi na dionici Polonje - Vrhovec, varijanta 2

| Stacionaža | | Element | R [m] | L _p [m] | L _k [m] | L [m] |
|------------|-----------|--------------|-------|--------------------|--------------------|----------|
| 0+000.000 | 0+729.490 | pravac | - | - | - | 729.49 |
| 0+729.490 | 0+879.490 | prijelaznica | - | 150 | - | - |
| 0+879.490 | 1+839.168 | kružni luk | 1500 | - | 959.678 | - |
| 1+839.168 | 1+989.168 | prijelaznica | - | 150 | - | - |
| 1+989.168 | 2+189.168 | prijelaznica | - | 200 | - | - |
| 2+189.168 | 3+928.217 | kružni luk | 2000 | - | 1739.049 | - |
| 3+928.217 | 4+128.217 | prijelaznica | - | 200 | - | - |
| 4+128.217 | 4+328.217 | prijelaznica | - | 200 | - | - |
| 4+328.217 | 5+680.915 | kružni luk | 2000 | - | 1352.698 | - |
| 5+680.915 | 5+880.915 | prijelaznica | - | 200 | - | - |
| 5+880.915 | 6+080.915 | prijelaznica | - | 200 | - | - |
| 6+080.915 | 7+152.715 | kružni luk | 2000 | - | 1071.8 | - |
| 7+152.715 | 7+352.715 | prijelaznica | - | 200 | - | - |
| 7+352.715 | 9+208.128 | pravac | - | - | - | 1855.413 |

2.5. Horizontalni elementi osi rekonstruiranih cesta ŽC3288 i ŽC3016 (varijanta 2)

Idejnim projektom obuhvaćena je izrada idejnih projekata rekonstrukcije dviju županijskih cesta koji se sijeku s trasom, ŽC3288 i ŽC3016. Rekonstrukcija se izvodi kako bi se osigurala što kraća duljina nadvožnjaka zbog optimalnog okomitog prelaska preko autoceste.

Horizontalni elementi za rekonstruirane ceste odabrani su za projektnu brzinu od 60 km/h i 3. kategoriju ceste. Rekonstruirana cesta ŽC3288 sastoji se od 2 pravca (na početku i na kraju dionice), 3 protusmjerne krivine, jednog međupravca između krivina 1 i 2 te prijelaznica na

prijelazu iz pravca u kružni luk kao i između protusmjernih krivina. Rekonstruirana cesta ŽC3016 sastoji se od 2 pravca (na početku i na kraju dionice), 4 protusmjerne krivine, jednog međupravca između krivina 2 i 3 te prijelaznica na prijelazu iz pravca u kružni luk kao i između protusmjernih krivina. U tablici 3. navedene su minimalne vrijednosti polumjera horizontalnih krivina, prijelaznica i duljine kružnog luka prema Pravilniku [6]. Svi primijenjeni horizontalni elementi rekonstruiranih cesta prikazani su u tablicama 7. i 8. te su grafički prikazani su u prilogima 4.2. i 4.3.

Tablica 7. Horizontalni elementi ceste ŽC3288, varijanta 2

| Stacionaža | | Element | R [m] | L _p [m] | L _k [m] | L [m] |
|------------|-----------|--------------|-------|--------------------|--------------------|---------|
| 0+000.000 | 0+111.535 | pravac | - | - | - | 111.535 |
| 0+111.535 | 0+156.535 | prijelaznica | - | 45 | - | - |
| 0+156.535 | 0+185.991 | kružni luk | 150 | - | 29.457 | - |
| 0+185.991 | 0+230.991 | prijelaznica | - | 45 | - | - |
| 0+230.991 | 0+361.315 | međupravac | - | - | - | 130.324 |
| 0+361.315 | 0+411.315 | prijelaznica | - | 50 | - | - |
| 0+411.315 | 0+522.184 | kružni luk | 140 | - | 110.87 | - |
| 0+522.184 | 0+572.184 | prijelaznica | - | 50 | - | - |
| 0+572.184 | 0+622.184 | prijelaznica | - | 50 | - | - |
| 0+622.184 | 0+702.498 | kružni luk | 140 | - | 80.314 | - |
| 0+702.498 | 0+752.498 | prijelaznica | - | 50 | - | - |
| 0+752.498 | 0+785.357 | pravac | - | - | - | 32.859 |

Tablica 8. Horizontalni elementi ceste ŽC3016, varijanta 2

| Stacionaža | | Element | R [m] | L _p [m] | L _k [m] | L [m] |
|------------|-----------|--------------|-------|--------------------|--------------------|---------|
| 0+000.000 | 0+063.407 | pravac | - | - | - | 63.407 |
| 0+063.407 | 0+113.407 | prijelaznica | - | 50 | - | - |
| 0+113.407 | 0+162.333 | kružni luk | 120 | - | 48.926 | - |
| 0+162.333 | 0+212.333 | prijelaznica | - | 50 | - | - |
| 0+212.333 | 0+262.333 | prijelaznica | - | 50 | - | - |
| 0+262.333 | 0+361.074 | kružni luk | 120 | - | 98.741 | - |
| 0+361.074 | 0+411.074 | prijelaznica | - | 50 | - | - |
| 0+411.074 | 0+531.735 | međupravac | - | - | - | 120.001 |
| 0+531.735 | 0+581.735 | prijelaznica | - | 50 | - | - |
| 0+581.735 | 0+648.951 | kružni luk | 150 | - | 67.216 | - |
| 0+648.951 | 0+698.951 | prijelaznica | - | 50 | - | - |
| 0+698.951 | 0+748.951 | prijelaznica | - | 50 | - | - |
| 0+748.951 | 0+792.405 | kružni luk | 150 | - | 43.454 | - |
| 0+792.405 | 0+842.405 | prijelaznica | - | 50 | - | - |
| 0+842.405 | 0+878.502 | pravac | - | - | - | 36.097 |

2.6. Vertikalni elementi osi autoceste (varijanta 1)

Vertikalna geometrija autoceste definirana je linijom nivelete. Kako bi bila osigurana zadovoljavajuća uzdužna odvodnja prometnice Pravilnikom [6] je propisan uvjet za minimalni uzdužni nagib od 0.5% (0.3%). Maksimalni uzdužni nagib od 4% propisan je za projektnu brzinu od 130 km/h. Najveći primijenjeni uzdužni nagib nivelete iznosi 2.32% dok najmanji primijenjeni nagib iznosi 0.5 %. Niveleta autoceste usklađena je s potrebom izvođenja nadvožnjaka mjestu križanja s postojećom državnom cestom D10 u smislu osiguranja dovoljne visine za slobodnog profila za cestu D10.

Mjerodavni kriterij za određivanje najmanjega polumjera konveksnog vertikalnog zaobljenja nivelete je osiguranje zaustavne preglednosti između automobila (oka vozača) na visini od 1.00 m i nepomične zapreke na visini od 0.25 m. Dužina zaustavne preglednosti određuje se prema Grafikonu 2.2. u Pravilniku [6] ovisno o uzdužnom nagibu i računskoj brzini. Za varijantu 1 vrijedi da je $P_Z=362$ m te $V_R=130$ km/h iz čega je određeno da je minimalni polumjer konveksne krivine 30000 m. Pravilnikom [6] je definirano da iz optičkih razloga polumjer konkavnog vertikalnog zaobljenja ne bi trebao biti manji od polovine polumjera susjednog konveksnog vertikalnog zaobljenja. Primijenjeni vertikalni elementi autoceste navedeni su u tablici 9., a grafički su prikazani u prilogima 5.1., 5.2., 5.3., 5.4. i 5.5.

Tablica 9. Vertikalni elementi autoceste, varijanta 1

| Stacionaža | | Element | s [%] | R [m] | L [m] |
|------------|-----------|------------------|-------|-------|----------|
| 0+000.000 | 0+745.205 | pravac | 2.32 | - | 745.205 |
| 0+745.205 | 1+619.646 | koveksna krivina | - | 30000 | 874.411 |
| 1+619.646 | 6+882.684 | pravac | -0.6 | - | 5263.038 |
| 6+882.684 | 7+211.529 | konkavna krivina | - | 30000 | 328.845 |
| 7+211.529 | 8+201.810 | pravac | 0.5 | - | 990.281 |
| 8+201.810 | 8+759.154 | koveksna krivina | - | 30000 | 557.344 |
| 8+759.154 | 9+453.615 | pravac | -1.36 | - | 694.461 |

2.7. Vertikalni elementi osi rekonstruiranih cesta ŽC3288 i ŽC3016 (varijanta 1)

Rekonstruirane županijske ceste prema zahtjevima propisanim Pravilnikom [6] smiju imati maksimalni uzdužni nagib nivelete od 8% i minimalni od 0.5%. Minimalni polumjer konveksnog vertikalnog zaobljenja nivelete županijskih cesta ŽC3288 i ŽC3016 iznosi 1100 m, a minimalni polumjer konkavnog vertikalnog zaobljenja ne smije biti manji od polovice polumjera konveksnog zaobljenja vertikalne krivine. Nivelete cesta usklađene su s potrebom izvođenja nadvožnjaka mjestu križanja s trasom autoceste u smislu osiguranja dovoljne visine za slobodnog profila za autocestu. Primijenjeni vertikalni elementi županijskih cesta navedeni su u tablicama 10. i 11., a grafički su prikazani u priložima 9.1. i 9.2.

Tablica 10. Vertikalni elementi ŽC3288, varijanta 1

| Stacionaža | | Element | s [%] | R [m] | L [m] |
|------------|-----------|------------------|-------|-------|----------|
| 0+000.000 | 0+116.420 | pravac | 1.35 | - | 116.42 |
| 0+116.420 | 0+202.985 | konkavna krivina | - | 3500 | 86.565 |
| 0+202.985 | 0+609.814 | pravac | 1.12 | - | 406.829 |
| 0+609.814 | 0+702.620 | koveksna krivina | - | 4500 | 92.806 |
| 0+702.620 | 1+034.773 | pravac | -0.94 | - | 1737.393 |
| 1+034.773 | 1+121.328 | konkavna krivina | - | 2250 | 86.555 |
| 1+121.328 | 1+220.887 | pravac | 2.91 | - | 99.559 |

Tablica 11. Vertikalni elementi ŽC3016, varijanta 1

| Stacionaža | | Element | s [%] | R [m] | L [m] |
|------------|-----------|------------------|-------|-------|---------|
| 0+000.000 | 0+456.743 | pravac | 1.01 | - | 456.743 |
| 0+456.743 | 0+550.707 | koveksna krivina | - | 4000 | 93.964 |
| 0+550.707 | 0+602.295 | pravac | -1.34 | - | 51.588 |
| 0+602.295 | 0+695.431 | konkavna krivina | - | 2000 | 93.136 |
| 0+695.431 | 0+874.165 | pravac | 3.32 | - | 178.734 |

2.8. Vertikalni elementi osi autoceste (varijanta 2)

Vertikalna geometrija autoceste definirana je linijom nivelete. Kako bi bila osigurana zadovoljavajuća uzdužna odvodnja prometnice Pravilnikom [6] je propisan uvjet za minimalni uzdužni nagib od 0.5% (0.3%). Maksimalni uzdužni nagib od 4% propisan je za projektnu brzinu od 130 km/h. Najveći primijenjeni uzdužni nagib nivelete iznosi 1.76% dok najmanji primijenjeni nagib iznosi 0.5 %. Niveleta autoceste usklađena je s potrebom izvođenja nadvožnjaka mjestu križanja s postojećom državnom cestom D10 u smislu osiguranja dovoljne visine za slobodnog profila za cestu D10.

Mjerodavni kriterij za određivanje najmanjega polumjera konveksnog vertikalnog zaobljenja nivelete je osiguranje zaustavne preglednosti između automobila (oka vozača) na visini od 1.00 m i nepomične zapreke na visini od 0.25 m. Dužina zaustavne preglednosti određuje se prema Grafikonu 2.2. u Pravilniku [6] ovisno o uzdužnom nagibu i računskoj brzini. Za varijantu 2 vrijedi da je $P_z=357$ m te $V_R=130$ km/h iz čega je određeno da je minimalni polumjer konveksne krivine 29000 m. Pravilnikom [6] je definirano da iz optičkih razloga polumjer konkavnog vertikalnog zaobljenja ne bi trebao biti manji od polovine polumjera susjednog konveksnog vertikalnog zaobljenja. Primijenjeni vertikalni elementi autoceste navedeni su u tablici 12., a grafički su prikazani u priložima 6.1., 6.2., 6.3., 6.4. i 6.5.

Tablica 12. Vertikalni elementi autoceste, varijanta 2

| Stacionaža | | Element | s [%] | R [m] | L [m] |
|------------|-----------|------------------|-------|-------|----------|
| 0+000.000 | 2+882.222 | pravac | 0.64 | - | 2882.222 |
| 2+882.222 | 3+307.351 | konkavna krivina | - | 30000 | 425.129 |
| 3+307.351 | 6+365.678 | pravac | -0.78 | - | 3058.327 |
| 6+365.678 | 6+749.648 | koveksna krivina | - | 30000 | 383.97 |
| 6+749.648 | 8+029.910 | pravac | 0.5 | - | 1280.262 |
| 8+029.910 | 8+705.982 | konkavna krivina | - | 30000 | 676.072 |
| 8+705.982 | 9+208.128 | pravac | -1.76 | - | 502.146 |

2.9. Vertikalni elementi osi rekonstruiranih cesta ŽC3288 i ŽC3016 (varijanta 2)

Rekonstruirane županijske ceste prema zahtjevima propisanim Pravilnikom [6] smiju imati maksimalni uzdužni nagib nivelete od 8% i minimalni od 0.5%. Minimalni polumjer konveksnog vertikalnog zaobljenja nivelete županijskih cesta ŽC3288 i ŽC3016 iznosi 1100 m, a minimalni polumjer konkavnog vertikalnog zaobljenja ne smije biti manji od polovice polumjera konveksnog zaobljenja vertikalne krivine. Nivelete cesta usklađene su s potrebom izvođenja nadvožnjaka mjestu križanja s trasom autoceste u smislu osiguranja dovoljne visine za slobodnog profila za autocestu. Primijenjeni vertikalni elementi županijskih cesta navedeni su u tablicama 13. i 14., a grafički su prikazani u prilogima 10.1. i 10.2.

Tablica 13. Vertikalni elementi ŽC3288, varijanta 2

| Stacionaža | | Element | s [%] | R [m] | L [m] |
|------------|-----------|------------------|-------|-------|---------|
| 0+000.000 | 0+019.868 | pravac | 0.3 | - | 19.868 |
| 0+019.868 | 0+106.824 | konkavna krivina | - | 2600 | 86.956 |
| 0+106.824 | 0+233.827 | pravac | 3.64 | - | 127.003 |
| 0+233.827 | 0+359.412 | koveksna krivina | - | 2600 | 125.585 |
| 0+359.412 | 0+785.357 | pravac | -1.19 | - | 425.945 |

Tablica 14. Vertikalni elementi ŽC3288, varijanta 2

| Stacionaža | | Element | s [%] | R [m] | L [m] |
|------------|-----------|------------------|-------|-------|---------|
| 0+000.000 | 0+581.674 | pravac | 1.01 | - | 19.868 |
| 0+581.674 | 0+649.915 | konkavna krivina | - | 2500 | 86.956 |
| 0+649.915 | 0+722.169 | pravac | 3.74 | - | 127.003 |
| 0+722.169 | 0+815.315 | koveksna krivina | - | 2000 | 125.585 |
| 0+815.315 | 0+878.502 | pravac | -0.92 | - | 425.945 |

2.10. Normalni poprečni profil autoceste

Elementi poprečnog presjeka ceste (prometni trak, zaustavni trak, rubni trak, razdjelni pojas, bankina, berma, zaštitni jarci, oprema prometnice, obrada pokosa usjeka i nasipa te slojevi kolničke konstrukcije) te njihove dimenzije definirane su normalnim poprečnim profilom odabranim prema Pravilniku [6]. Za autocestu i projektnu brzinu od 130 km/h odabran je profil A - a (autoceste, $V_p \geq 120$ km/h).

Autocesta se u svakom smjeru sastoji od 2 vozna traka (sveukupno 4) i jednog zaustavnog traka (sveukupno 2). Širina svakog voznog traka iznosi 3.75 m, a zaustavnih trakova 2.50 m. Između vanjskog voznog i zaustavnog traka nalazi se rubni trak širine 0.2 m. Između unutarnjeg voznog traka i razdjelnog pojasa nalazi se rubni trak širine 0.5 m. Ukupna širina kolnika iznosi 10.7 m. Razdjelni pojas je širine 4 m i unutar njega postavlja se dvostruka distantna odbojna ograda visine 1.1 m. Na bankinama se postavljaju jednostrane odbojne ograde visine 1.1 m. Bankine su širine 1.5 m i imaju minimalni poprečni nagib od 4%. Širina bermi iznosi 0.75 m. One imaju minimalni poprečni nagib od 5% i uz njih se nalazi rigol širine 0.75 m. Ukupna širina krune autoceste iznosi 28.4 m. Nagibi svih pokosa usjeka i nasipa su 1:1.5 te je predviđeno je skidanje sloja humusa debljine 20 cm prije početka zemljanih radova kao i završno oblaganje pokosa usjeka i nasipa slojem humusa od 20 cm. Proširenje kolnika se ne izvodi jer je vrijednost proširenja za oba prometna traka manja od 0.3 m. U prilogima 11.1. i 11.2. prikazani su normalni poprečni profili autoceste u zasjeku u pravcu i u zasjeku u krivini.

Prema članku [7] idejna rješenja za hrvatske autoceste moraju uključivati odabir materijala i struktura kolnika za oštre klimatske uvjete i teško prometno opterećenje. Stoga se kolnička konstrukcija planirane autoceste sastoji od habajućeg sloja asfaltbetona AC 11 surf 45/80-65 debljine 5 cm, veznog sloja AC 22 bin 45/80-65 debljine 6 cm, nosivog sloja AC 32 base 45/80-65 debljine 8 cm, cementom stabiliziranog nosivog sloja CNS debljine 20 cm i mehanički zbijenog nosivog sloja od zrnatog kamenog materijala debljine 30 cm.

Poprečni nagib kolnika u pravcu iznosi $q = 2.5$ %, a poprečni nagibi kolnika u krivini ovise o iznosu polumjera horizontalne krivine i računskoj brzini te se određuju prema grafikonu 2.1. iz Pravilnika [6]. Maksimalni poprečni nagib u horizontalnoj krivini odgovara minimalnom radijusu krivine i iznosi $q = 7$ %. Nagibi u pravcu i krivinama su jednostrešni. U krivini se nagib izvodi prema unutrašnjoj strani krivine zbog djelovanja centrifugalne sile koja nastoji izbaciti vozilo iz krivine. Vitoperenje odnosno prijelazi između nagiba u pravcu i nagiba u krivini izvode se na duljini prijelaznica tako da se plohe oba kolnika zaokreću oko ruba razdjelnog pojasa. Nagibi rampe vitoperenja su na cijeloj dionici trase manji od minimalnog dopuštenog nagiba rampe određenog Pravilnikom [6] te se stoga na njima izvodi brzo vitoperenje. Poprečni nagibi

autoceste koji su primijenjeni u krivinama za varijantu 1 i 2 dani su tablicama 15. i 16. Sheme vitoperenja prikazane su u priložima od 5.1. do 6.5.

Tablica 15. Poprečni nagibi kolnika u krivinama, varijanta 1

| Krivina | R [m] | L _P [m] | V _P [m] | q [%] |
|---------|-------|--------------------|--------------------|-------|
| 1 | 900 | 130 | 130 | 6.8 |
| 2 | 1500 | 150 | 130 | 4.7 |
| 3 | 2000 | 200 | 130 | 3.8 |
| 4 | 2000 | 200 | 130 | 3.8 |
| 5 | 2000 | 200 | 130 | 3.8 |

Tablica 16. Poprečni nagibi kolnika u krivinama, varijanta 2

| Krivina | R [m] | L _P [m] | V _P [m] | q [%] |
|---------|-------|--------------------|--------------------|-------|
| 1 | 1500 | 150 | 130 | 4.7 |
| 2 | 2000 | 200 | 130 | 3.8 |
| 3 | 2000 | 200 | 130 | 3.8 |
| 4 | 2000 | 200 | 130 | 3.8 |

2.11. Normalni poprečni profili rekonstruiranih cesta ŽC3288 i ŽC3016

Elementi poprečnog presjeka cesta (prometni trak, rubni trak, bankina, berma, zaštitni jarci, oprema prometnice, obrada pokosa usjeka i nasipa te slojevi kolničke konstrukcije) i njihove dimenzije definirane su normalnim poprečnim profilom odabranim prema Pravilniku [6]. Za županijske ceste i projektnu brzinu od 60 km/h odabran je profil 3 - f (3. kategorija, V_P=60 km/h).

Županijske ceste izvode se kao dvosmjerne dvotračne ceste s širinom prometnih trakova 3.0 m. Rubni trakovi su širine 0.2 m. Ukupna širina kolnika iznosi 6.4 m Bankine su širine 1.0 m i imaju minimalni poprečni nagib od 4%. Širina bermi iznosi 0.5 m i imaju minimalni poprečni nagib od 5%. Ukupna širina krune županijskih cesta iznosi 8.4 m. Nagibi svih pokosa usjeka i nasipa su 1:1.5 te je predviđeno je skidanje sloja humusa debljine 20 cm prije početka zemljanih radova kao i završno oblaganje pokosa usjeka i nasipa slojem humusa od 20 cm. Duž trase izvedeno je proširenje kolnika u krivinama . Kao mjerodavno vozilo za određivanje proširenja kolnika je odabran tegljač s poluprikolicom, a iznos proširenja jednog prometnog traka ovisi o polumjeru krivine te se određuje prema formuli $\Delta\check{s}=42/R$ [6] . Proširenje se izvodi za oba prometna traka na unutarnjoj strani krivine. U tablicama 17., 18., 19. i 20. prikazane su vrijednosti proširenja jednog prometnog traka ($\Delta\check{s}$) i proširenje za oba prometna traka za sve primijenjene polumjere krivina.

Kolnička konstrukcija županijskih cesta sastoji se od habajućeg sloja asfaltbetona AC 11 surf 50/70 debljine 4 cm, nosivog sloja AC 22 base 50/70 debljine 8 cm i mehanički zbijenog nosivog sloja od zrnatog kamenog materijala debljine 45 cm. U prilogima 11.3. i 11.4. prikazani su normalni poprečni profili županijskih cesta.

Poprečni nagib kolnika u pravcu iznosi $q = 2.5 \%$, a poprečni nagibi kolnika u krivini ovise o iznosu polumjera horizontalne krivine i računskoj brzini te se određuju prema grafikonu 2.1. iz Pravilnika [6]. Maksimalni poprečni nagib u horizontalnoj krivini odgovara minimalnom radijusu krivine i iznosi $q = 7 \%$. Nagibi u pravcu i krivinama su jednostrešni. U krivini se nagib izvodi prema unutrašnjoj strani krivine zbog djelovanja centrifugalne sile koja nastoji izbaciti vozilo iz krivine. Vitoperenje odnosno prijelazi između nagiba u pravcu i nagiba u krivini izvode se na duljini prijelaznica tako da se kolnik zaokreće oko unutarnjeg ruba kolnika. Nagibi rampe vitoperenja su na cijeloj dionici trase veći od minimalnog dopuštenog nagiba rampe određenog Pravilnikom [6] te se stoga na njima ne izvodi brzo vitoperenje. Poprečni nagibi županijskih cesta koji su primijenjeni u krivinama za varijantu 1 i 2 dani su tablicama 17., 18., 19. i 20. Sheme vitoperenja prikazane su u prilogima od 9.1. do 9.4.

Tablica 17. Poprečni nagibi i proširenje kolnika u krivinama za ŽC3288, varijanta 1

| Krivina | R [m] | L_P [m] | V_P [m] | q [%] | $\Delta\check{s}$ [m] | $2\Delta\check{s}$ [m] |
|---------|-------|-----------|-----------|-------|-----------------------|------------------------|
| 1 | 150 | 45 | 60 | 5.9 | 0.28 | 0.56 |
| 2 | 140 | 45 | 60 | 6.0 | 0.30 | 0.60 |
| 3 | 140 | 45 | 60 | 6.0 | 0.30 | 0.60 |
| 4 | 140 | 45 | 60 | 6.0 | 0.30 | 0.60 |

Tablica 18. Poprečni nagibi i proširenje kolnika u krivinama za ŽC3016, varijanta 1

| Krivina | R [m] | L_P [m] | V_P [m] | q [%] | $\Delta\check{s}$ [m] | $2\Delta\check{s}$ [m] |
|---------|-------|-----------|-----------|-------|-----------------------|------------------------|
| 1 | 120 | 45 | 60 | 7.0 | 0.35 | 0.70 |
| 2 | 120 | 45 | 60 | 7.0 | 0.35 | 0.70 |
| 3 | 120 | 45 | 60 | 7.0 | 0.35 | 0.70 |
| 4 | 175 | 45 | 60 | 5.8 | 0.24 | 0.48 |

Tablica 19. Poprečni nagibi i proširenje kolnika u krivinama za ŽC3288, varijanta 2

| Krivina | R [m] | L_P [m] | V_P [m] | q [%] | $\Delta\check{s}$ [m] | $2\Delta\check{s}$ [m] |
|---------|-------|-----------|-----------|-------|-----------------------|------------------------|
| 1 | 150 | 45 | 60 | 5.9 | 0.28 | 0.56 |
| 2 | 140 | 50 | 60 | 6.0 | 0.30 | 0.60 |
| 3 | 140 | 50 | 60 | 6.0 | 0.30 | 0.60 |

Tablica 20. Poprečni nagibi i proširenje kolnika u krivinama za ŽC3016, varijanta 2

| Krivina | R [m] | L _P [m] | V _P [m] | q [%] | Δš [m] | 2Δš [m] |
|---------|-------|--------------------|--------------------|-------|--------|---------|
| 1 | 120 | 50 | 60 | 7.0 | 0.35 | 0.70 |
| 2 | 120 | 50 | 60 | 7.0 | 0.35 | 0.70 |
| 3 | 150 | 50 | 60 | 5.9 | 0.28 | 0.56 |
| 4 | 150 | 50 | 60 | 5.9 | 0.28 | 0.56 |

2.12. Sustav odvodnje

Trokutasti rigoli širine 0.75 m i nagiba 15% postavljaju se uz rub rubnog traka u usjeku i zasjeku kako bi se osigurala odvodnja vode koja dospije na kolnik. U nasipu nije izvedena odvodnja već voda slobodno otječe s kolnika preko bankine. Kako bi se osigurala odvodnja s posteljice, ona se izvodi u nagibu od minimalno 4% što osigurava otjecanje vode do uzdužne drenaže. Drenaža je trapeznog oblika širine dna 40 cm na koje se postavlja drenažna cijev promjera Ø15 cm. Voda se preko uzdužne drenaže odvodi do PEHD slivnika promjera Ø50 cm čije se dno nalazi na dubini od 2 metra. Prikupljena voda se iz slivnika izlijeva u okno glavnog kolektora kroz cijev Ø20 cm koja je obložena s 10 cm betona. Kolektor je revizijsko PEHD okno koje je smješteno ispod razdjelnog pojasa te je zatvoreno lijevanim željeznim poklopcem. Promjer kanalizacijske cijevi je 50cm.

Zaštitni jarci izvode se na mjestima uz usjek te nasip na kojima se zbog konfiguracije okolnog terena očekuje teža odvodnja oborinskih voda. U tablicama 21. i 22. prikazane su duljine i stacionaže zaštitnih jaraka za obje varijante. Minimalna dubina jarka iznosi 0.5 m, a maksimalna 1.3 m. Nagibi pokosa jaraka su 1:1 i oni se postavljaju minimalno 5.0 m od usjeka odnosno 2.0 m od nožice nasipa. Niveleta jarka zaobljena je vertikalnim krivinama polumjera 5m. Uzdužni profili zaštitnih jaraka prikazani su u priložima od 7.1. do 8.10.

Tablica 21. Zaštitni jarci, varijanta 1

| Oznaka jarka | Početna stacionaža | Krajnja stacionaža | Duljina [m] |
|--------------|--------------------|--------------------|-------------|
| 1D | 0+000.000 | 0+720.190 | 655.828 |
| 2D | 1+145.953 | 1+379.904 | 229.002 |
| 3D | 1+539.252 | 2+100.137 | 548.719 |
| 4D | 2+619.441 | 2+900.167 | 283.729 |
| 5D | 3+153.313 | 3+602.221 | 454.695 |
| 6D | 4+539.503 | 4+900.263 | 358.376 |
| 7D | 5+275.929 | 9+453.615 | 4178.068 |
| 1L | 0+000.000 | 1+201.474 | 1223.074 |
| 2L | 1+809.714 | 5+520.199 | 3711.410 |
| 3L | 5+901.058 | 9+453.615 | 3563.343 |

Tablica 22. Zaštitni jarci, varijanta 2

| Oznaka jarka | Početna stacionaža | Krajnja stacionaža | Duljina [m] |
|--------------|--------------------|--------------------|-------------|
| 1D | 0+496.850 | 1+003.343 | 510.039 |
| 2D | 1+798.465 | 2+114.964 | 310.038 |
| 3D | 2+382.688 | 3+860.046 | 1463.221 |
| 4D | 4+055.706 | 4+150.081 | 94.145 |
| 5D | 4+338.837 | 9+208.128 | 4873.295 |
| 1L | 0+000.000 | 3+144.370 | 3137.963 |
| 2L | 3+559.963 | 7+134.976 | 3537.168 |
| 3L | 7+558.516 | 8+961.438 | 1403.105 |

Ako se na nekim mjestima zbog uvjeta okolnog terena ne može osigurati uzdužna odvodnja potrebno je izvesti poprečne propuste [6]. Propust je okruglog poprečnog presjeka promjera \varnothing 100 cm. Na mjestima ulijevne i izljevne glave izvedeno je betonsko korito širine minimalno 200 cm. Uzdužni nagib propusta izvodi se od 0.5 do 15 % dok nagib cijevi propusta iznosi 2.0 %. Varijanta 1 zahtijeva izvođenje 33 propusta na trase, a varijanta 2 izvođenje 27 propusta čije su lokacije označene u priložima od 7.1. do 8.10. Primjeri poprečnog i uzdužnog presjeka propusta za obje varijante prikazani su u priložima 12. i 13.

2.13. Karakteristični poprečni profili

Za svaku varijantu izrađeno je 10 karakterističnih poprečnih profila kako bi prikazalo što više poprečnih elemenata trase s različitim horizontalnim elementima. Pomoću karakterističnih profila trasa je prikazana u pravcu, krivini, prijelaznici, usjeku, nasipu i zasjeku. Kod varijante 1 se 3 profila nalaze u zasjeku, 3 u usjeku i 4 u nasipu. Kod varijante 2 se 3 profila nalaze u

zasjeku, 4 u usjeku i 3 u nasipu. Stacionaže profila, njihov opis i poprečni nagib kolnika prikazani su u tablicama 23. i 24., a sami karakteristični poprečni profili grafički su prikazani u priložima od 14.1. do 15.3.

Tablica 23. Karakteristični poprečni profili, varijanta 1

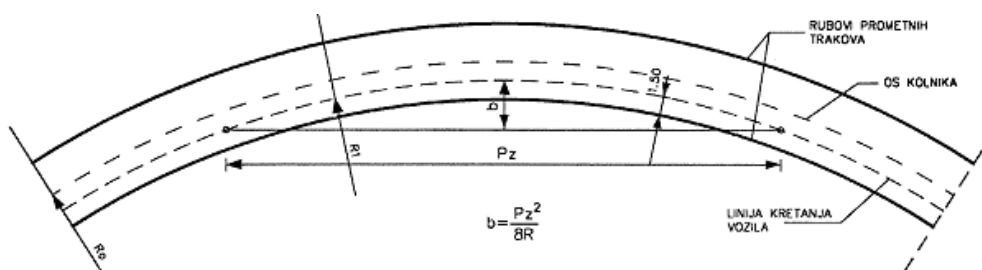
| Broj profila | Stacionaža | q [%] | Opis |
|--------------|------------|-------|------------------------|
| 1 | 0+600.000 | 6.8 | zasjek |
| 2 | 1+080.000 | 6.8 | usjek visine H =1.68 m |
| 3 | 1+350.000 | 6.8 | zasjek |
| 4 | 2+740.000 | 4.7 | usjek visine H =1.56 m |
| 5 | 3+560.000 | 3.5 | usjek visine H =1.34 m |
| 6 | 4+960.000 | 2.6 | nasip visine H=2.84 m |
| 7 | 5+340.000 | 3.8 | zasjek |
| 8 | 6+410.000 | 3.1 | nasip visine H=2.75 m |
| 9 | 7+740.000 | 2.5 | nasip visine H=4.19 m |
| 10 | 9+050.000 | 2.5 | nasip visine H=3.33 m |

Tablica 24. Karakteristični poprečni profili, varijanta 2

| Broj profila | Stacionaža | q [%] | Opis |
|--------------|------------|-------|------------------------|
| 1 | 0+020.000 | 2.5 | zasjek |
| 2 | 1+940.000 | 2.9 | usjek visine H =3.54 m |
| 3 | 2+180.000 | 3.7 | zasjek |
| 4 | 3+080.000 | 3.8 | nasip visine H=1.85 m |
| 5 | 3+530.000 | 3.8 | zasjek |
| 6 | 4+000.000 | 3.3 | usjek visine H =7.33 m |
| 7 | 5+600.000 | 3.8 | usjek visine H =1.52 m |
| 8 | 6+020.000 | 3.3 | usjek visine H =4.16 m |
| 9 | 7+340.000 | 2.6 | nasip visine H=4.00 m |
| 10 | 8+920.000 | 2.5 | nasip visine H=4.65 m |

2.14. Preglednost

Horizontalna preglednost osigurava se uklanjanjem svih prepreka na unutrašnjoj strani horizontalnog zavoja odnosno osiguranjem potrebne širine preglednosti te računa prema shemi i formuli na slici 4. [9]



Slika 4. Elementi horizontalne preglednosti u krivini [9]

Širina odnosno berma preglednosti b ovisi o duljini preglednosti i i polumjeru krivine kojom se vozilo kreće te se računa od putanje oka vozača koja je udaljena 1.5 m od ruba prometnog traka. Za brzinu od 130 km/h minimalna duljina preglednosti koja mora biti osigurana iznosi 340 m. U tablicama 25. i 26. dane su potrebne širine preglednosti za svaku horizontalnu krivinu.

Tablica 25. Potrebna širina preglednosti (b) u horizontalnim krivinama, varijanta 1

| Stacionaža | | P_z [m] | R [m] | b [m] |
|------------|-----------|-----------|---------|---------------|
| 0+260.000 | 1+916.757 | 340 | 900 | 16.06 (12.56) |
| 2+096.757 | 3+492.232 | 340 | 1500 | 9.63 (6.13) |
| 3+842.232 | 4+716.040 | 340 | 2000 | 7.23 (3.73) |
| 5+116.040 | 6+097.827 | 340 | 2000 | 7.23 (3.73) |
| 6+497.827 | 7+507.143 | 340 | 2000 | 7.23 (3.73) |

Tablica 26. Potrebna širina preglednosti (b) u horizontalnim krivinama, varijanta 2

| Stacionaža | | P_z [m] | R [m] | b [m] |
|------------|-----------|-----------|---------|-------------|
| 0+879.490 | 1+839.168 | 340 | 1500 | 9.63 (6.13) |
| 2+189.168 | 3+928.217 | 340 | 2000 | 7.23 (3.73) |
| 4+328.217 | 5+680.915 | 340 | 2000 | 7.23 (3.73) |
| 6+080.915 | 7+152.715 | 340 | 2000 | 7.23 (3.73) |

Preglednost je u radu ispitana za oba smjera kretanja duž cijele trase. Na nekim mjestima nije zadovoljena tražena preglednost zbog usjeka ili zasjeka u zavojevima koji zaklanjaju pogled vozačima te oni zbog toga nisu u stanju vidjeti što je iza krivine. U varijanti 1 za smjer Polonje-Vrhovec preglednost nije zadovoljena na dijelovima dionica krivina 1 i 3. Za dionicu Vrhovec-Polonje preglednost nije zadovoljena na dijelovima dionica krivina 1,2 i 4. U varijanti 2 za smjer Polonje-Vrhovec preglednost nije zadovoljena na dijelovima dionica krivina 2 i 4. Za dionicu Vrhovec-Polonje preglednost nije zadovoljena na dijelovima dionica krivina 1 i 3. U priložima od 16.1. do 17.2. dan je detaljan prikaz rezultata ispitivanja preglednosti za obje varijante. Na mjestima gdje preglednost nije zadovoljena potrebno je izvesti proširenje berme. Potrebno proširenje berme dobije se tako da se širina preglednosti b umanjuje za položaj oka vozača 1.5

m, rubni trak 0.5 m i početnu širinu berme 1.5 m. U tablici 26. u zagradama pored vrijednosti širine b nalaze se potrebne vrijednosti proširenja.

2.15. Iskaz količina

Prilikom izgradnje prometnice najveći dio troškova predstavljaju zemljani radovi odnosno izrada donjeg i gornjeg ustroja. Količine materijala potrebne za izgradnju kolničke konstrukcije prikazane su u tablicama 27. i 28.

Tablica 27. Iskaz količina, varijanta 1

| | VOLUMEN [m ³] | | |
|---------|---------------------------|----------|----------|
| | AC | ŽC3288 | ŽC3016 |
| USJEK | 556941.98 | 1332.37 | 825.9414 |
| NASIP | 762163.95 | 18208.96 | 7846.84 |
| MNS | 100637.18 | 3758.43 | 2700.42 |
| CNS | 34562.42 | - | - |
| AC BASE | 15981.15 | 685.95 | 493.12 |
| AC BIN | 9597.31 | - | - |
| AC SURF | 10150.6642 | 332.70 | 239.30 |

Tablica 28. Iskaz količina, varijanta 2

| | VOLUMEN [m ³] | | |
|---------|---------------------------|----------|----------|
| | AC | ŽC3288 | ŽC3016 |
| USJEK | 367447.32 | 1043.49 | 721.79 |
| NASIP | 1082571.82 | 40919.17 | 14874.80 |
| MNS | 97991.21 | 2387.98 | 2690.19 |
| CNS | 33663.94 | - | - |
| AC BASE | 15560.06 | 435.19 | 490.70 |
| AC BIN | 9347.82 | - | - |
| AC SURF | 9882.09 | 210.92 | 237.95 |

2.16. Usporedba varijanti

Najveće troškove kod izgradnje ceste predstavljaju zemljani radovi te izrada nosivih slojeva i asfaltnog zastora. Duljine trasa se kod varijanti razlikuju za oko 200 m tako da se i količine nosivih slojeva i asfaltnog zastora također ne razlikuju previše. Ukupan volumen pri izradi nasipa i usjeka za varijantu 1 iznosi 1347320.13 m³, a za varijantu 2 iznosi 1507578.39 m³. Obzirom da je duljina trase varijante 2 kraća, a ukupna količina volumena zemljanih radova je veća, može se zaključiti da je varijanta 1 u tom pogledu povoljnije rješenje. Kod varijante 1 je

manja i razlika između volumena usjeka i nasipa što je povoljnije za poprečno i uzdužno izjednačavanje masa zbog uštede materijala te troškova odvoza i dovoza. Kod varijante 2 te je razlika značajno izražena. Sume količine po varijantama prikazane su u tablici 29.

Tablica 29. Suma količina po varijantama

| | Usjek | Nasip | Kolnička konstrukcija |
|-------------|-----------|------------|-----------------------|
| Varijanta 1 | 559100.29 | 788219.75 | 179138.64 |
| Varijanta 2 | 369212.60 | 1138365.79 | 172898.05 |

3. Literatura

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4. Popis priloga

| Br. Priloga | Naziv priloga | Mjerilo |
|-------------|--|------------|
| 1. | Pregledna situacija [varijanta 1] | 1:35000 |
| 2. | Pregledna situacija [varijanta 2] | 1:35000 |
| 3.1. | Situacija 0+000.000 - 2+300.000 [varijanta 1] | 1:2500 |
| 3.2. | Situacija 2+300.000 - 4+500.000 [varijanta 1] | 1:2500 |
| 3.3. | Situacija 4+500.000 - 6+800.000 [varijanta 1] | 1:2500 |
| 3.4. | Situacija 6+800.000 - 9+453.615 [varijanta 1] | 1:2500 |
| 4.1. | Situacija 0+000.000 - 2+400.000 [varijanta 2] | 1:2500 |
| 4.2. | Situacija 2+400.000 - 4+600.000 [varijanta 2] | 1:2500 |
| 4.3. | Situacija 4+600.000 - 6+900.000 [varijanta 2] | 1:2500 |
| 4.4. | Situacija 6+900.000 - 9+208.128 [varijanta 2] | 1:2500 |
| 5.1. | Uzdužni profil - os [varijanta 1], 0+000.000 - 1+900.000 | 1:2000/200 |
| 5.2. | Uzdužni profil - os [varijanta 1], 1+900.000 - 3+800.000 | 1:2000/200 |
| 5.3. | Uzdužni profil - os [varijanta 1], 3+800.000 - 5+700.000 | 1:2000/200 |
| 5.4. | Uzdužni profil - os [varijanta 1], 5+700.000 - 7+600.000 | 1:2000/200 |
| 5.5. | Uzdužni profil - os [varijanta 1], 7+600.000 - 9+453.615 | 1:2000/200 |
| 6.1. | Uzdužni profil - os [varijanta 2], 0+000.000 - 1+880.000 | 1:2000/200 |
| 6.2. | Uzdužni profil - os [varijanta 2], 1+880.000 - 3+760.000 | 1:2000/200 |
| 6.3. | Uzdužni profil - os [varijanta 2], 3+760.000 - 5+640.000 | 1:2000/200 |
| 6.4. | Uzdužni profil - os [varijanta 2], 5+640.000 - 7+520.000 | 1:2000/200 |
| 6.5. | Uzdužni profil - os [varijanta 2], 7+520.000 - 9+208.128 | 1:2000/200 |
| 7.1. | Jarak 1D,2D i 3D [varijanta 1] | 1:2000/200 |
| 7.2. | Jarak 4D,5D i 6D [varijanta 1] | 1:2000/200 |
| 7.3. | Jarak 7D [varijanta 1], 0+000.000 - 1+580.000 | 1:2000/200 |
| 7.4. | Jarak 7D [varijanta 1], 1+580.000 - 3+160.000 | 1:2000/200 |
| 7.5. | Jarak 7D [varijanta 1], 3+160.000 - 4+178.068 | 1:2000/200 |
| 7.6. | Jarak 1L [varijanta 1] | 1:2000/200 |
| 7.7. | Jarak 2L [varijanta 1], 0+000.000 - 2+080.000 | 1:2000/200 |
| 7.8. | Jarak 2L [varijanta 1], 2+080.000 - 3+711.410 | 1:2000/200 |
| 7.9. | Jarak 3L [varijanta 1], 0+000.000 - 2+080.000 | 1:2000/200 |
| 7.10. | Jarak 3L [varijanta 1], 2+080.000 - 3+562.343 | 1:2000/200 |
| 8.1. | Jarak 1D i 2D [varijanta 2] | 1:2000/200 |
| 8.2. | Jarak 3D i 4D [varijanta 2] | 1:2000/200 |
| 8.3. | Jarak 5D [varijanta 2], 0+000.000 - 1+640.000 | 1:2000/200 |
| 8.4. | Jarak 5D [varijanta 2], 1+640.000 - 3+280.000 | 1:2000/200 |

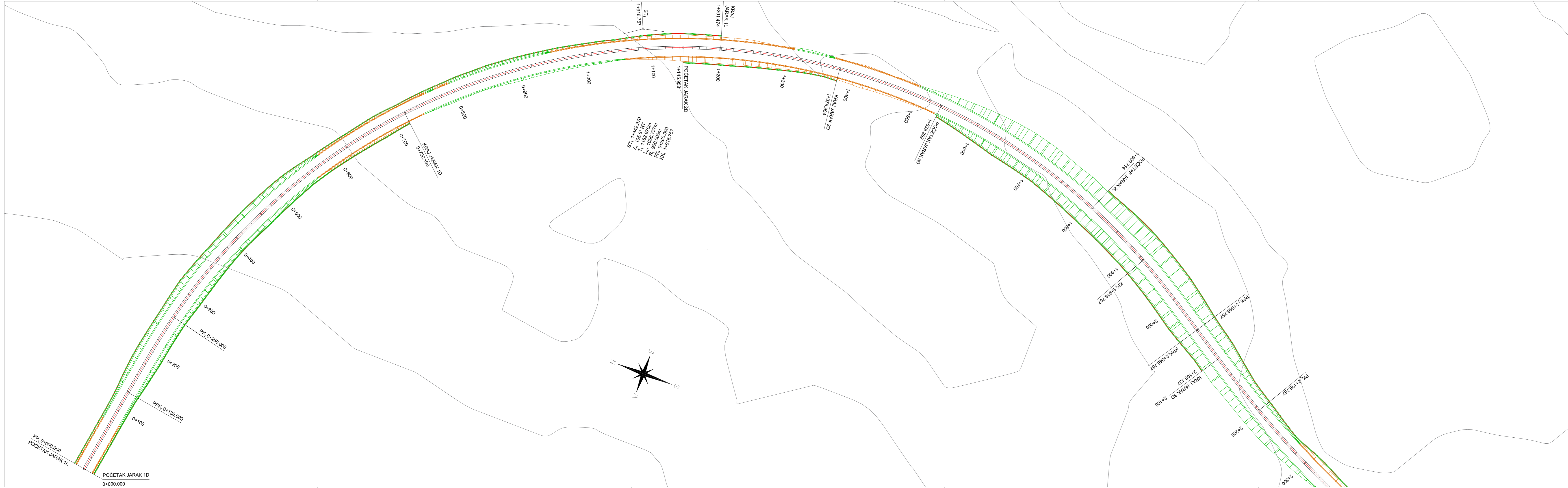
| Br. Priloga | Naziv priloga | Mjerilo |
|-------------|--|------------|
| 8.5. | Jarak 5D [varijanta 2], 3+280.000 - 4+873.295 | 1:2000/200 |
| 8.6. | Jarak 1L [varijanta 2], 0+000.000 - 1+640.000 | 1:2000/200 |
| 8.7. | Jarak 1L [varijanta 2], 1+640.000 - 3+137.963 | 1:2000/200 |
| 8.8. | Jarak 2L [varijanta 2], 0+000.000 - 1+900.000 | 1:2000/200 |
| 8.9. | Jarak 2L [varijanta 2], 1+900.000 - 3+537.168 | 1:2000/200 |
| 8.10. | Jarak 3L [varijanta 2] | 1:2000/200 |
| 9.1. | Uzdužni profil - ŽC3288 [varijanta 1] | 1:2000/200 |
| 9.2. | Uzdužni profil - ŽC3016 [varijanta 1] | 1:2000/200 |
| 10.1. | Uzdužni profil - ŽC3288 [varijanta 2] | 1:2000/200 |
| 10.2. | Uzdužni profil - ŽC3016 [varijanta 2] | 1:2000/200 |
| 11.1. | Normalni poprečni profil u pravcu za autocestu | 1:100 |
| 11.2. | Normalni poprečni profil u krivini za autocestu | 1:100 |
| 11.3. | Normalni poprečni profil ŽC3288 | 1:200 |
| 11.4. | Normalni poprečni profil ŽC3016 | 1:200 |
| 12. | Karakteristični poprečni profil s propustom, 7+103.301 [var. 1] | 1:100 |
| 13. | Karakteristični poprečni profil s propustom, 0+710.701 [var. 2] | 1:100 |
| 14.1. | Karakteristični poprečni profili 1 [varijanta 1] | 1:200 |
| 14.2. | Karakteristični poprečni profili 2 [varijanta 1] | 1:200 |
| 14.3. | Karakteristični poprečni profili 3 [varijanta 1] | 1:200 |
| 15.1. | Karakteristični poprečni profili 1 [varijanta 2] | 1:200 |
| 15.2. | Karakteristični poprečni profili 2 [varijanta 2] | 1:200 |
| 15.3. | Karakteristični poprečni profili 3 [varijanta 2] | 1:200 |
| 16.1. | Rezultati ispitivanja preglednosti Polonje-Vrhovec [varijanta 1] | - |
| 16.2. | Rezultati ispitivanja preglednosti Vrhovec-Polonje [varijanta 1] | - |
| 17.1. | Rezultati ispitivanja preglednosti Polonje-Vrhovec [varijanta 2] | - |
| 17.2. | Rezultati ispitivanja preglednosti Vrhovec-Polonje [varijanta 2] | - |
| 18.1. | Predmjer radova [varijanta 1] | - |
| 18.2. | Predmjer radova [varijanta 2] | - |



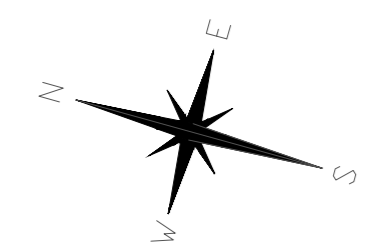
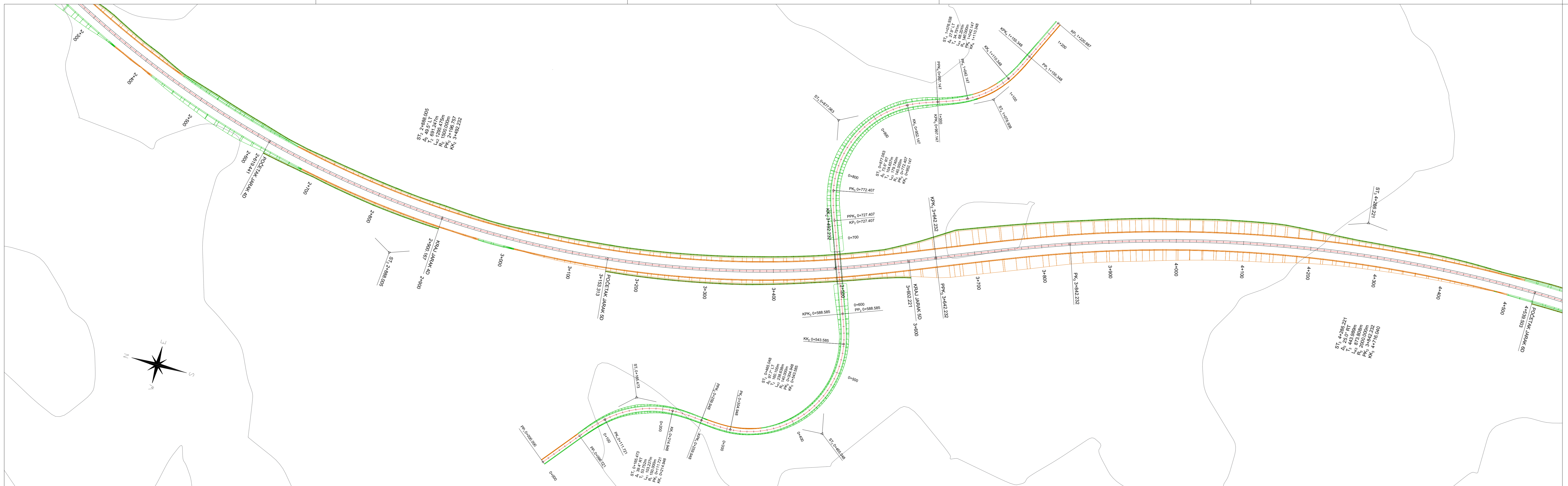
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| GRAĐEVINSKI FAKULTET SVEUČILIŠTA U ZAGREBU | |
| DIPLOMSKI RAD | |
| Prilog: Pregledna situacija [varijanta 1] | Predano: rujan 2023. |
| Mjerilo: 1:35000 | Br.pr.: 1. |
| Izradila: Petra Kipa, 0082058844 | Mentor: Izv. prof. dr. sc. Ivica Stančerić |



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| GRAĐEVINSKI FAKULTET SVEUČILIŠTA U ZAGREBU | |
| DIPLOMSKI RAD | |
| Prilog: Pregledna situacija [varijanta 2] | Predano: rujan 2023. |
| Mjerilo: 1:35000 | Br.pr.: 2. |
| Izradila: Petra Kipa, 0082058844 | Mentor: Izv. prof. dr. sc. Ivica Stančerić |



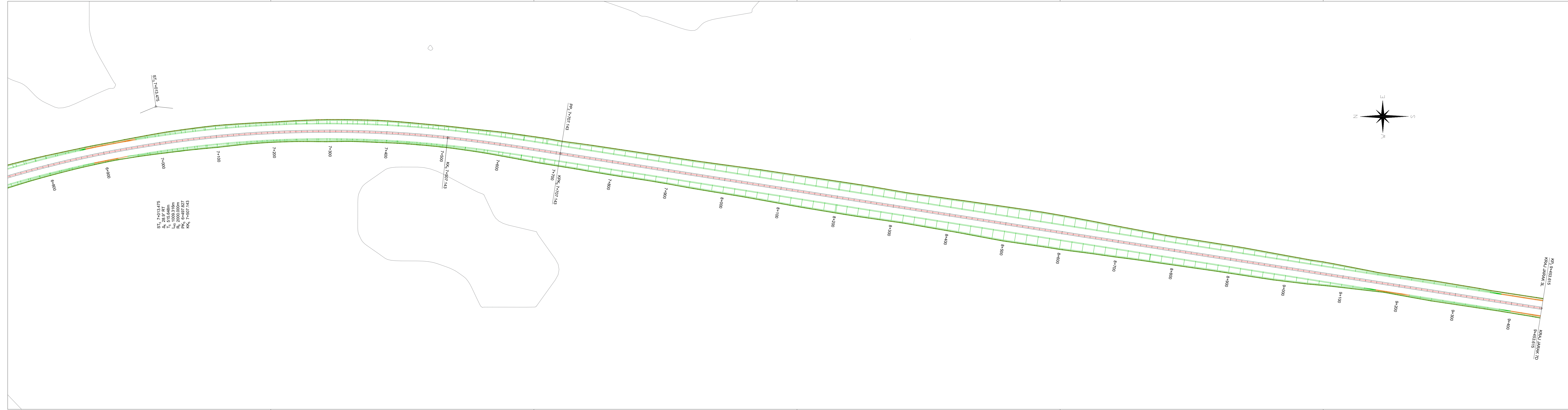
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| GRAĐEVINSKI FAKULTET SVEUČILIŠTA U ZAGREBU | |
| DIPLOMSKI RAD | |
| Prilog: Situacija [varijanta 1] 0+000.000 - 2+300.000 | Predano: rujan 2023. Rok pred.: rujan 2023. |
| Mjerilo: 1:2500 | Br.pr.: 3.1. |
| Izradila: Petra Kipa, 0082058844 | Mentor: izv. prof. dr. sc. Ivica Stančerić |



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| GRAĐEVINSKI FAKULTET SVEUČILIŠTA U ZAGREBU DIPLOMSKI RAD | |
| Prilog: Situacija [varijanta 1] 2+300.000 - 4+500.000 | Predano: rujan 2023. Rok pred.: rujan 2023. |
| Mjerilo: 1:2500 | Br.pr.: 3.2 |
| Izradila: Petra Kipa, 0082058844 | Mentor: Izv. prof. dr. sc. Ivica Stančerić |



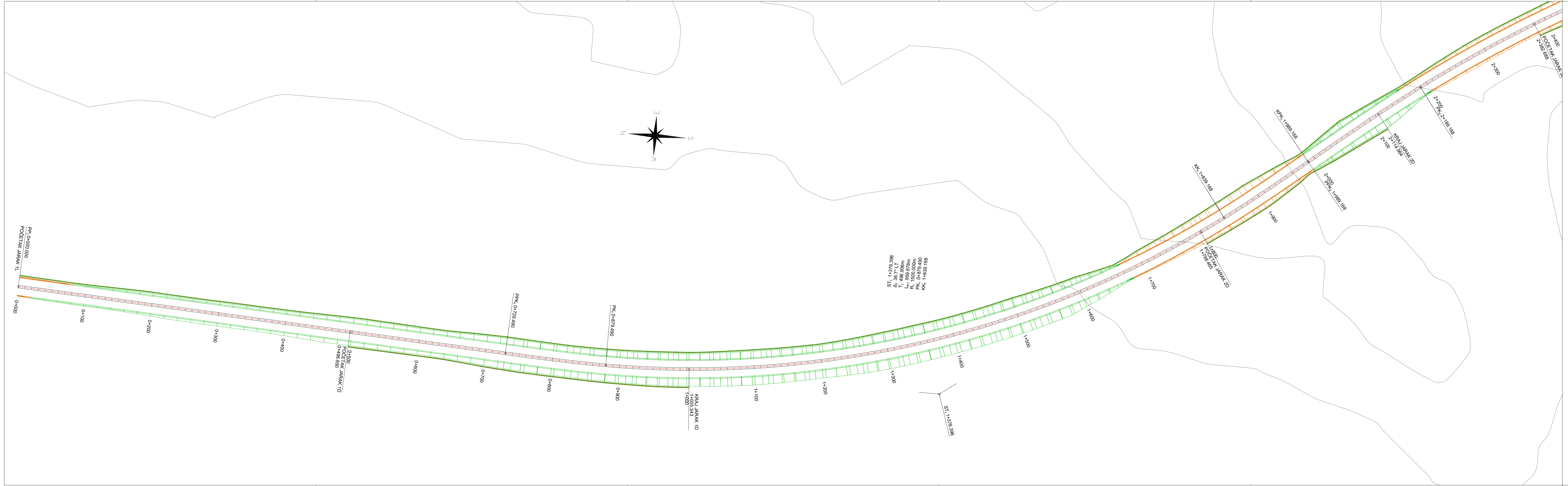
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| GRAĐEVINSKI FAKULTET SVEUČILIŠTA U ZAGREBU DIPLOMSKI RAD | |
| Prilog: Situacija [varijanta 1] 4+500.000 - 6+800.000 | Predano: rujan 2023. Rok pred.: rujan 2023. |
| Mjerilo: 1:2500 | Br. pr.: 3.3. |
| Izradila: Petra Kipa, 0082058844 | Mentor: Izv. prof. dr. sc. Ivica Stančerić |



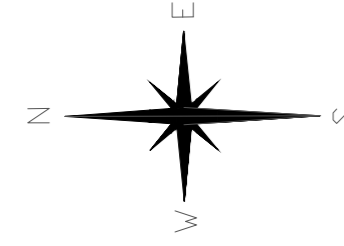
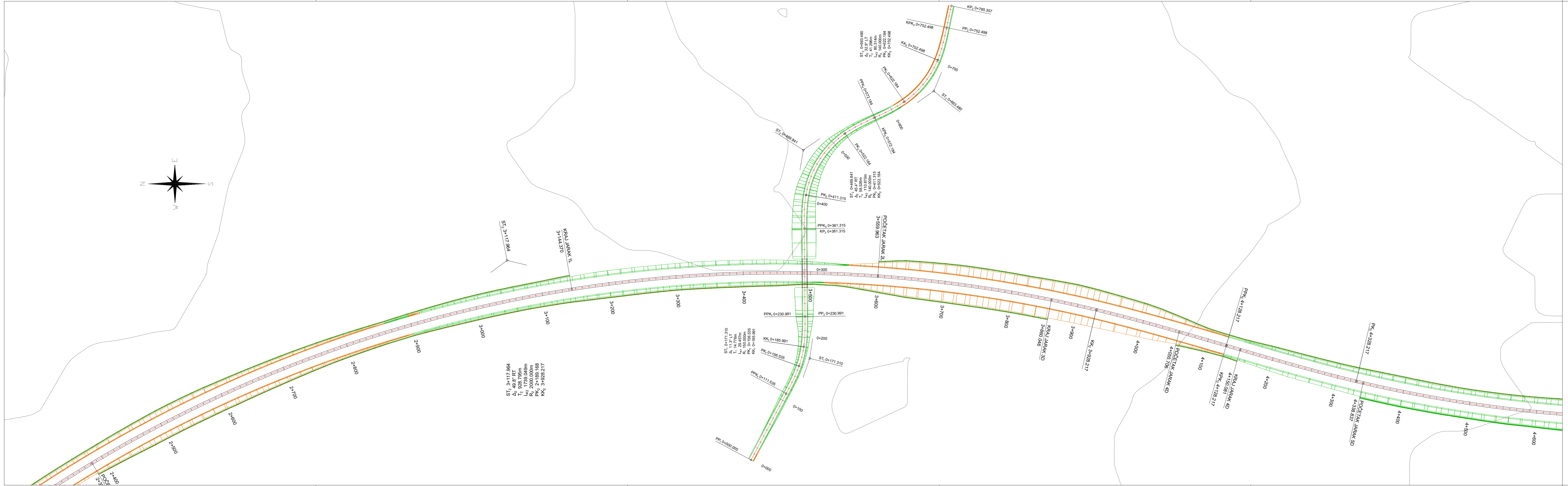
ST. 7+013.475
 L= 515.648m
 R= 2000.000m
 K= 0.000000
 KK 7+507.143

ST. 7+013.475
 L= 515.648m
 R= 2000.000m
 K= 0.000000
 KK 7+507.143

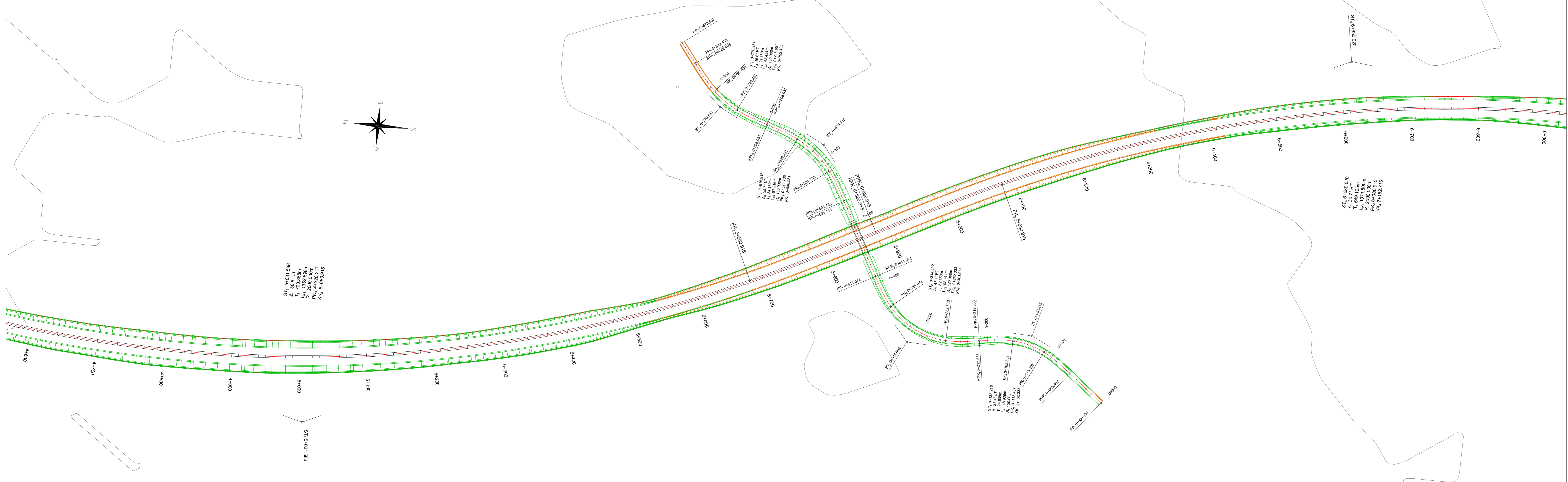
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| GRAĐEVINSKI FAKULTET SVEUČILIŠTA U ZAGREBU | |
| DIPLOMSKI RAD | |
| Prilog: Situacija [varijanta 1] 6+800.000 - 9+453.615 | Predano: rujan 2023. Rok pred.: rujan 2023. |
| Mjerilo: 1:2500 | Br.pr.: 3.4. |
| Izradila: Petra Kipa, 0082058844 | Mentor: Izv. prof. dr. sc. Ivica Stančerić |



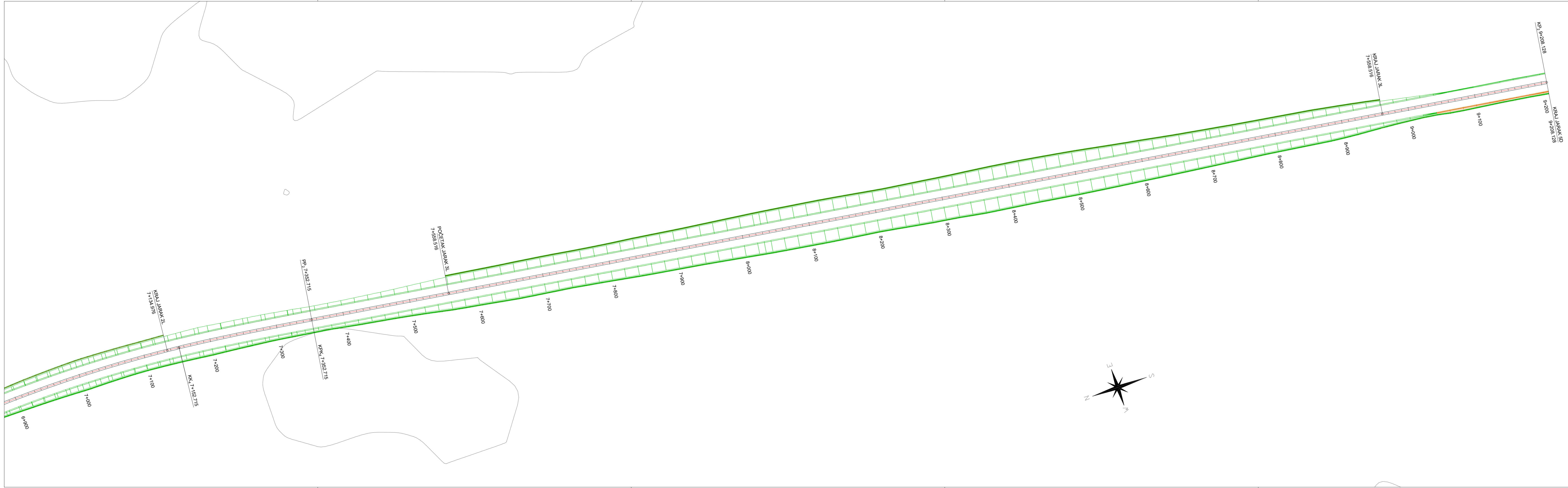
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| GRAĐEVINSKI FAKULTET SVEUČILIŠTA U ZAGREBU | |
| DIPLOMSKI RAD | |
| Prilog: Situacija [varijanta 2] 0+000.000 - 2+400.000 | Predano: rujan 2023. Rok pred.: rujan 2023. |
| Mjerilo: 1:2500 | Br.pr.: 4.1. |
| Izradila: Petra Kipa, 0082058844 | Mentor: Izv. prof. dr. sc. Ivica Stančerić |



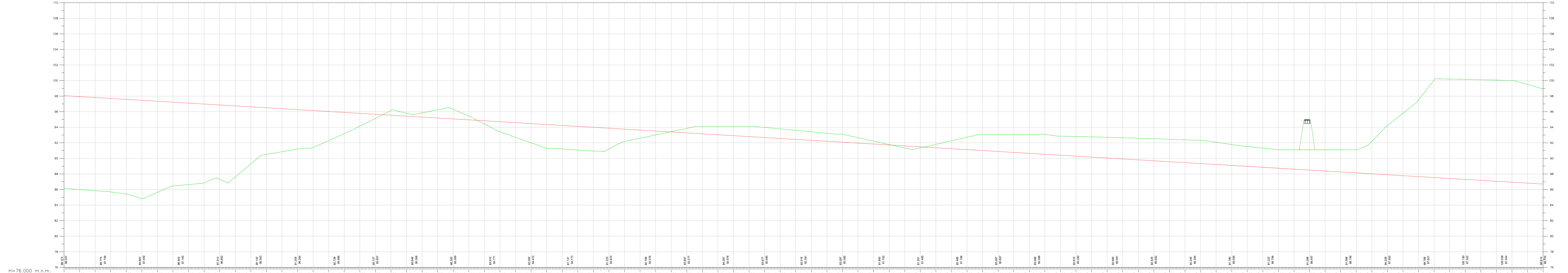
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|---|--|
| GRAĐEVINSKI FAKULTET SVEUČILIŠTA U ZAGREBU DIPLOMSKI RAD | |
| Prilog: Situacija [varijanta 2] 2+400.000 - 4+600.000 | Predano: rujan 2023. Rok pred.: rujan 2023. |
| Mjerilo: 1:2500 | Br. pr.: 4.2. |
| Izradila: Petra Kipa, 0082058844 | Mentor: izv. prof. dr. sc. Ivica Stančerić |



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| GRAĐEVINSKI FAKULTET SVEUČILIŠTA U ZAGREBU DIPLOMSKI RAD | |
| Prilog: Situacija [varijanta 2] 4+600.000 - 6+900.000 | Predano: rujan 2023. Rok pred.: rujan 2023. |
| Mjerilo: 1:2500 | Br.pr.: 4.3. |
| Izradila: Petra Kipa, 0082058844 | Mentor: Izv. prof. dr. sc. Ivica Stančerić |

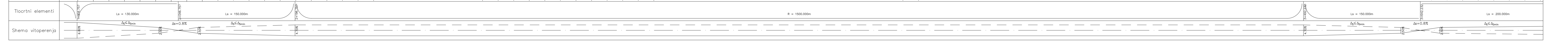


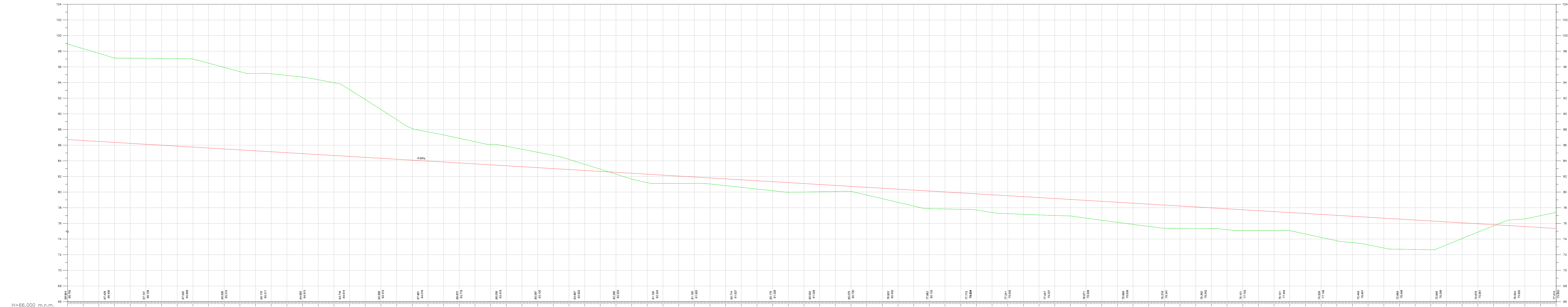
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| GRAĐEVINSKI FAKULTET SVEUČILIŠTA U ZAGREBU | | | |
| DIPLOMSKI RAD | | | |
| Prilog: Situacija [varijanta 2] 6+900.000 - 9+208.128 | | Predano: rujan 2023. Rok pred.: rujan 2023. | |
| Mjerilo: 1:2500 | Br. pr.: 4.4. | Mentor: Izradila: Petra Kipa, 0082058844 | |
| | | Izv. prof. dr. sc. Ivica Stančerić | |



H=76.000 m.n.m.

| Vertikalni elementi | Stacionaza | Kote nivelete | Kote terena | Delta Z |
|---------------------|------------|---------------|-------------|----------|
| | 1+900 | 85.613 | 85.627 | |
| | 1+920 | | | |
| | 1+940 | 87.879 | 87.938 | -11.960m |
| | 1+960 | | | |
| | 1+980 | 86.687 | 86.687 | -12.011m |
| | 2+000 | 84.840 | 84.840 | -12.153m |
| | 2+020 | | | |
| | 2+040 | 86.845 | 87.160 | -11.696m |
| | 2+060 | | | |
| | 2+080 | 87.512 | 88.302 | -10.460m |
| | 2+100 | | | |
| | 2+120 | 86.862 | 86.742 | -9.250m |
| | 2+140 | | | |
| | 2+160 | 89.142 | 89.520 | -8.121m |
| | 2+180 | | | |
| | 2+200 | 87.295 | 86.284 | -7.320m |
| | 2+220 | | | |
| | 2+240 | 86.229 | 86.986 | -6.550m |
| | 2+260 | | | |
| | 2+280 | 85.527 | 86.007 | -5.320m |
| | 2+300 | | | |
| | 2+320 | 85.547 | 85.547 | -4.720m |
| | 2+340 | | | |
| | 2+360 | 86.699 | 86.590 | -3.748m |
| | 2+380 | | | |
| | 2+400 | 86.390 | 86.589 | -2.776m |
| | 2+420 | | | |
| | 2+440 | 83.970 | 84.771 | -1.648m |
| | 2+460 | | | |
| | 2+480 | 82.829 | 84.472 | -0.540m |
| | 2+500 | | | |
| | 2+520 | 81.171 | 81.171 | 0.604m |
| | 2+540 | | | |
| | 2+560 | 81.223 | 83.274 | 0.375m |
| | 2+580 | | | |
| | 2+600 | 82.799 | 83.776 | 0.538m |
| | 2+620 | | | |
| | 2+640 | 82.799 | 83.776 | 1.050m |
| | 2+660 | | | |
| | 2+680 | 83.927 | 83.277 | 1.231m |
| | 2+700 | | | |
| | 2+720 | 84.097 | 82.970 | 1.496m |
| | 2+740 | | | |
| | 2+760 | 83.927 | 82.970 | 1.179m |
| | 2+780 | | | |
| | 2+800 | 83.927 | 82.970 | 1.296m |
| | 2+820 | | | |
| | 2+840 | 82.970 | 82.970 | 1.296m |
| | 2+860 | | | |
| | 2+880 | 82.970 | 82.970 | 1.024m |
| | 2+900 | | | |
| | 2+920 | 82.970 | 82.970 | 1.050m |
| | 2+940 | | | |
| | 2+960 | 81.724 | 81.724 | 0.840m |
| | 2+980 | | | |
| | 3+000 | 81.381 | 81.485 | 1.050m |
| | 3+020 | | | |
| | 3+040 | 82.485 | 81.186 | 0.434m |
| | 3+060 | | | |
| | 3+080 | 82.927 | 80.807 | 1.009m |
| | 3+100 | | | |
| | 3+120 | 82.927 | 80.807 | 1.591m |
| | 3+140 | | | |
| | 3+160 | 82.927 | 80.807 | 2.210m |
| | 3+180 | | | |
| | 3+200 | 82.927 | 80.807 | 2.330m |
| | 3+220 | | | |
| | 3+240 | 82.927 | 80.807 | 2.449m |
| | 3+260 | | | |
| | 3+280 | 82.927 | 80.807 | 2.541m |
| | 3+300 | | | |
| | 3+320 | 82.927 | 80.807 | 2.449m |
| | 3+340 | | | |
| | 3+360 | 82.927 | 80.807 | 2.541m |
| | 3+380 | | | |
| | 3+400 | 82.927 | 80.807 | 2.500m |
| | 3+420 | | | |
| | 3+440 | 82.927 | 80.807 | 2.591m |
| | 3+460 | | | |
| | 3+480 | 82.927 | 80.807 | 2.657m |
| | 3+500 | | | |
| | 3+520 | 82.927 | 80.807 | 2.833m |
| | 3+540 | | | |
| | 3+560 | 82.927 | 80.807 | 2.883m |
| | 3+580 | | | |
| | 3+600 | 82.927 | 80.807 | 2.930m |
| | 3+620 | | | |
| | 3+640 | 82.927 | 80.807 | 2.972m |
| | 3+660 | | | |
| | 3+680 | 82.927 | 80.807 | 2.890m |
| | 3+700 | | | |
| | 3+720 | 82.927 | 80.807 | 4.167m |
| | 3+740 | | | |
| | 3+760 | 82.927 | 80.807 | 6.309m |
| | 3+780 | | | |
| | 3+800 | 82.927 | 80.807 | 8.024m |
| | 3+820 | | | |
| | 3+840 | 82.927 | 80.807 | 9.849m |
| | 3+860 | | | |
| | 3+880 | 82.927 | 80.807 | 12.519m |
| | 3+900 | | | |
| | 3+920 | 82.927 | 80.807 | 12.771m |
| | 3+940 | | | |
| | 3+960 | 82.927 | 80.807 | 12.846m |
| | 3+980 | | | |
| | 4+000 | 82.927 | 80.807 | 13.056m |
| | 4+020 | | | |
| | 4+040 | 82.927 | 80.807 | 12.930m |
| | 4+060 | | | |
| | 4+080 | 82.927 | 80.807 | 12.673m |
| | 4+100 | | | |
| | 4+120 | 82.927 | 80.807 | 12.200m |

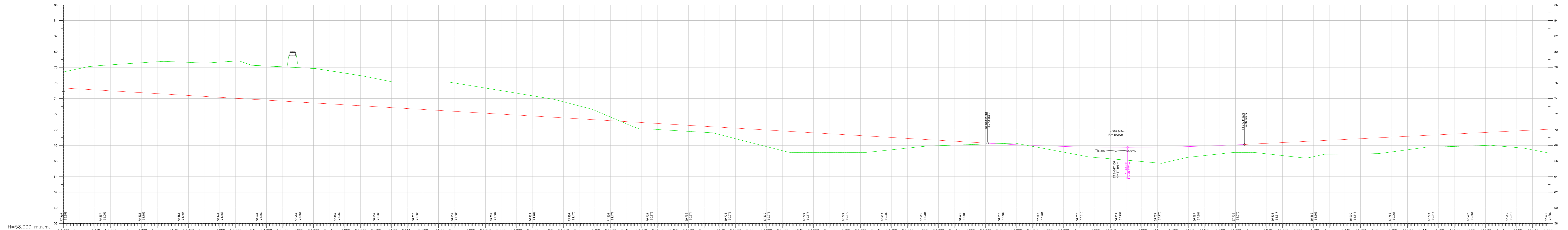




| Vertikalni elementi | Stacionaza | Kote nivelete | Kote terena | Delta Z |
|---------------------|------------|---------------|-------------|---------|
| | 3+800 | 86.585 | 88.325 | 11.740m |
| | 3+820 | 86.585 | 88.325 | 11.740m |
| | 3+840 | 86.446 | 88.186 | 11.740m |
| | 3+860 | 86.347 | 88.087 | 11.740m |
| | 3+880 | 86.227 | 87.967 | 11.740m |
| | 3+900 | 86.108 | 87.848 | 11.740m |
| | 3+920 | 85.988 | 87.728 | 11.740m |
| | 3+940 | 85.869 | 87.609 | 11.740m |
| | 3+960 | 85.749 | 87.490 | 11.740m |
| | 3+980 | 85.630 | 87.371 | 11.740m |
| | 4+000 | 85.510 | 87.252 | 11.740m |
| | 4+020 | 85.391 | 87.133 | 11.740m |
| | 4+040 | 85.271 | 87.014 | 11.740m |
| | 4+060 | 85.152 | 86.895 | 11.740m |
| | 4+080 | 85.032 | 86.776 | 11.740m |
| | 4+100 | 84.913 | 86.657 | 11.740m |
| | 4+120 | 84.793 | 86.538 | 11.740m |
| | 4+140 | 84.674 | 86.419 | 11.740m |
| | 4+160 | 84.554 | 86.300 | 11.740m |
| | 4+180 | 84.435 | 86.181 | 11.740m |
| | 4+200 | 84.315 | 86.062 | 11.740m |
| | 4+220 | 84.196 | 85.943 | 11.740m |
| | 4+240 | 84.076 | 85.824 | 11.740m |
| | 4+260 | 83.957 | 85.705 | 11.740m |
| | 4+280 | 83.837 | 85.586 | 11.740m |
| | 4+300 | 83.718 | 85.467 | 11.740m |
| | 4+320 | 83.598 | 85.348 | 11.740m |
| | 4+340 | 83.479 | 85.229 | 11.740m |
| | 4+360 | 83.359 | 85.110 | 11.740m |
| | 4+380 | 83.240 | 84.991 | 11.740m |
| | 4+400 | 83.120 | 84.872 | 11.740m |
| | 4+420 | 83.001 | 84.753 | 11.740m |
| | 4+440 | 82.881 | 84.634 | 11.740m |
| | 4+460 | 82.762 | 84.515 | 11.740m |
| | 4+480 | 82.642 | 84.396 | 11.740m |
| | 4+500 | 82.523 | 84.277 | 11.740m |
| | 4+520 | 82.403 | 84.158 | 11.740m |
| | 4+540 | 82.284 | 84.039 | 11.740m |
| | 4+560 | 82.164 | 83.920 | 11.740m |
| | 4+580 | 82.045 | 83.801 | 11.740m |
| | 4+600 | 81.925 | 83.682 | 11.740m |
| | 4+620 | 81.806 | 83.563 | 11.740m |
| | 4+640 | 81.686 | 83.444 | 11.740m |
| | 4+660 | 81.567 | 83.325 | 11.740m |
| | 4+680 | 81.447 | 83.206 | 11.740m |
| | 4+700 | 81.328 | 83.087 | 11.740m |
| | 4+720 | 81.208 | 82.968 | 11.740m |
| | 4+740 | 81.089 | 82.849 | 11.740m |
| | 4+760 | 80.969 | 82.730 | 11.740m |
| | 4+780 | 80.850 | 82.611 | 11.740m |
| | 4+800 | 80.730 | 82.492 | 11.740m |
| | 4+820 | 80.611 | 82.373 | 11.740m |
| | 4+840 | 80.491 | 82.254 | 11.740m |
| | 4+860 | 80.372 | 82.135 | 11.740m |
| | 4+880 | 80.252 | 82.016 | 11.740m |
| | 4+900 | 80.133 | 81.897 | 11.740m |
| | 4+920 | 80.013 | 81.778 | 11.740m |
| | 4+940 | 79.894 | 81.659 | 11.740m |
| | 4+960 | 79.774 | 81.540 | 11.740m |
| | 4+980 | 79.655 | 81.421 | 11.740m |
| | 5+000 | 79.535 | 81.302 | 11.740m |
| | 5+020 | 79.416 | 81.183 | 11.740m |
| | 5+040 | 79.297 | 81.064 | 11.740m |
| | 5+060 | 79.177 | 80.945 | 11.740m |
| | 5+080 | 79.058 | 80.826 | 11.740m |
| | 5+100 | 78.938 | 80.707 | 11.740m |
| | 5+120 | 78.819 | 80.588 | 11.740m |
| | 5+140 | 78.699 | 80.469 | 11.740m |
| | 5+160 | 78.580 | 80.350 | 11.740m |
| | 5+180 | 78.461 | 80.231 | 11.740m |
| | 5+200 | 78.341 | 80.112 | 11.740m |
| | 5+220 | 78.221 | 79.993 | 11.740m |
| | 5+240 | 78.102 | 79.874 | 11.740m |
| | 5+260 | 77.982 | 79.755 | 11.740m |
| | 5+280 | 77.863 | 79.636 | 11.740m |
| | 5+300 | 77.743 | 79.517 | 11.740m |
| | 5+320 | 77.624 | 79.398 | 11.740m |
| | 5+340 | 77.504 | 79.279 | 11.740m |
| | 5+360 | 77.385 | 79.160 | 11.740m |
| | 5+380 | 77.265 | 79.041 | 11.740m |
| | 5+400 | 77.146 | 78.922 | 11.740m |
| | 5+420 | 77.026 | 78.803 | 11.740m |
| | 5+440 | 76.907 | 78.684 | 11.740m |
| | 5+460 | 76.787 | 78.565 | 11.740m |
| | 5+480 | 76.666 | 78.446 | 11.740m |
| | 5+500 | 76.546 | 78.327 | 11.740m |
| | 5+520 | 76.426 | 78.208 | 11.740m |
| | 5+540 | 76.306 | 78.089 | 11.740m |
| | 5+560 | 76.186 | 77.970 | 11.740m |
| | 5+580 | 76.066 | 77.851 | 11.740m |
| | 5+600 | 75.946 | 77.732 | 11.740m |
| | 5+620 | 75.826 | 77.613 | 11.740m |
| | 5+640 | 75.706 | 77.494 | 11.740m |
| | 5+660 | 75.586 | 77.375 | 11.740m |
| | 5+680 | 75.466 | 77.256 | 11.740m |
| | 5+700 | 75.346 | 77.137 | 11.740m |



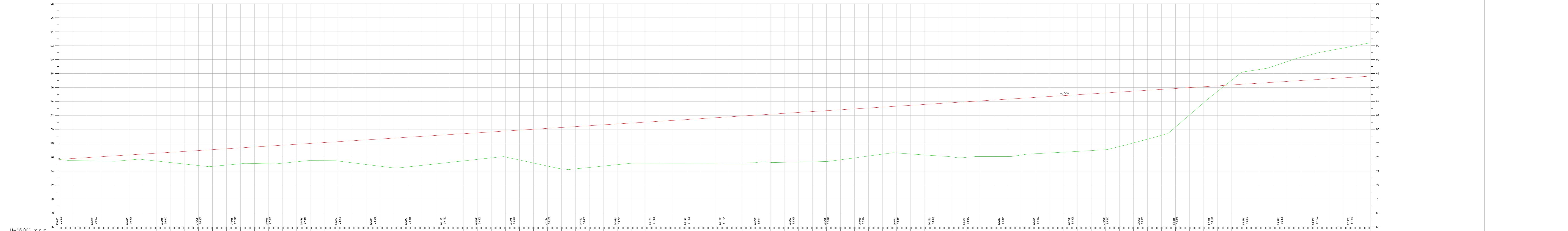
GRAĐEVINSKI FAKULTET SVEUČILIŠTA U ZAGREBU
DIPLOMSKI RAD
 Prilog: Uzdužni profil - os [varijanta 1] 3+800.000 - 5+700.000
 Mjerilo: 1:2000/200 Br.pr.: 5.3
 Izradila: Petra Kipa, 0082058844
 Predano: rujan 2023.
 Rok pred.: rujan 2023.
 Mentor: Izv. prof. dr. sc. Ivica Stančerić



H=58.000 m.n.m.

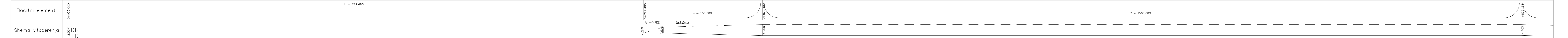
| Vertikalni elementi | Stacionaza | Kote nivelete | Kote terena | Delta Z |
|---------------------|------------|---------------|-------------|---------|
| | 5+700 | 74.500 | 74.500 | |
| | 5+720 | 75.234 | 74.836 | 2.603m |
| | 5+740 | 75.114 | 74.616 | 3.066m |
| | 5+760 | 74.895 | 74.397 | 3.327m |
| | 5+780 | 74.675 | 74.177 | 3.583m |
| | 5+800 | 74.256 | 73.758 | 3.837m |
| | 5+820 | 74.036 | 73.538 | 4.086m |
| | 5+840 | 74.517 | 74.019 | 4.207m |
| | 5+860 | 74.297 | 73.799 | 4.242m |
| | 5+880 | 74.278 | 73.780 | 4.274m |
| | 5+900 | 74.060 | 73.562 | 4.317m |
| | 5+920 | 73.441 | 72.943 | 4.378m |
| | 5+940 | 73.022 | 72.524 | 4.390m |
| | 5+960 | 73.003 | 72.505 | 4.404m |
| | 5+980 | 73.184 | 72.686 | 4.416m |
| | 6+000 | 73.365 | 72.867 | 4.252m |
| | 6+020 | 73.546 | 73.048 | 4.070m |
| | 6+040 | 73.727 | 73.229 | 3.858m |
| | 6+060 | 73.908 | 73.410 | 3.593m |
| | 6+080 | 74.089 | 73.591 | 3.316m |
| | 6+100 | 74.270 | 73.772 | 3.278m |
| | 6+120 | 74.451 | 73.953 | 3.497m |
| | 6+140 | 74.632 | 74.134 | 3.617m |
| | 6+160 | 74.813 | 74.315 | 3.639m |
| | 6+180 | 74.994 | 74.496 | 3.431m |
| | 6+200 | 75.175 | 74.677 | 3.223m |
| | 6+220 | 75.356 | 74.858 | 3.014m |
| | 6+240 | 75.537 | 75.039 | 2.804m |
| | 6+260 | 75.718 | 75.220 | 2.595m |
| | 6+280 | 75.899 | 75.401 | 2.385m |
| | 6+300 | 76.080 | 75.582 | 2.056m |
| | 6+320 | 76.261 | 75.763 | 1.652m |
| | 6+340 | 76.442 | 75.944 | 1.195m |
| | 6+360 | 76.623 | 76.125 | 0.465m |
| | 6+380 | 76.804 | 76.306 | -0.264m |
| | 6+400 | 76.985 | 76.487 | -0.820m |
| | 6+420 | 77.166 | 76.668 | -0.770m |
| | 6+440 | 77.347 | 76.849 | -0.770m |
| | 6+460 | 77.528 | 77.030 | -0.954m |
| | 6+480 | 77.709 | 77.211 | -1.350m |
| | 6+500 | 77.890 | 77.392 | -1.746m |
| | 6+520 | 78.071 | 77.573 | -2.137m |
| | 6+540 | 78.252 | 77.754 | -2.528m |
| | 6+560 | 78.433 | 77.935 | -2.633m |
| | 6+580 | 78.614 | 78.116 | -2.014m |
| | 6+600 | 78.795 | 78.297 | -2.394m |
| | 6+620 | 78.976 | 78.478 | -2.270m |
| | 6+640 | 79.157 | 78.659 | -2.155m |
| | 6+660 | 79.338 | 78.840 | -1.900m |
| | 6+680 | 79.519 | 79.021 | -1.570m |
| | 6+700 | 79.700 | 79.202 | -1.240m |
| | 6+720 | 79.881 | 79.383 | -0.910m |
| | 6+740 | 80.062 | 79.564 | -0.697m |
| | 6+760 | 80.243 | 79.745 | -0.500m |
| | 6+780 | 80.424 | 79.926 | -0.317m |
| | 6+800 | 80.605 | 80.107 | -0.130m |
| | 6+820 | 80.786 | 80.288 | 0.046m |
| | 6+840 | 80.967 | 80.469 | 0.162m |
| | 6+860 | 81.148 | 80.650 | -0.117m |
| | 6+880 | 81.329 | 80.831 | -0.414m |
| | 6+900 | 81.510 | 81.012 | -0.720m |
| | 6+920 | 81.691 | 81.193 | -1.000m |
| | 6+940 | 81.872 | 81.374 | -1.320m |
| | 6+960 | 82.053 | 81.555 | -1.472m |
| | 6+980 | 82.234 | 81.736 | -1.630m |
| | 7+000 | 82.415 | 81.917 | -1.824m |
| | 7+020 | 82.596 | 82.098 | -2.020m |
| | 7+040 | 82.777 | 82.279 | -1.703m |
| | 7+060 | 82.958 | 82.460 | -1.374m |
| | 7+080 | 83.139 | 82.641 | -1.217m |
| | 7+100 | 83.320 | 82.822 | -1.074m |
| | 7+120 | 83.501 | 83.003 | -0.960m |
| | 7+140 | 83.682 | 83.184 | -0.800m |
| | 7+160 | 83.863 | 83.365 | -0.600m |
| | 7+180 | 84.044 | 83.546 | -0.400m |
| | 7+200 | 84.225 | 83.727 | -0.200m |
| | 7+220 | 84.406 | 83.908 | -0.000m |
| | 7+240 | 84.587 | 84.089 | 0.046m |
| | 7+260 | 84.768 | 84.270 | 0.162m |
| | 7+280 | 84.949 | 84.451 | -0.117m |
| | 7+300 | 85.130 | 84.632 | -0.414m |
| | 7+320 | 85.311 | 84.813 | -0.720m |
| | 7+340 | 85.492 | 84.994 | -1.000m |
| | 7+360 | 85.673 | 85.175 | -1.320m |
| | 7+380 | 85.854 | 85.356 | -1.472m |
| | 7+400 | 86.035 | 85.537 | -1.630m |
| | 7+420 | 86.216 | 85.718 | -1.824m |
| | 7+440 | 86.397 | 85.899 | -2.020m |
| | 7+460 | 86.578 | 86.080 | -1.703m |
| | 7+480 | 86.759 | 86.261 | -1.374m |
| | 7+500 | 86.940 | 86.442 | -1.217m |
| | 7+520 | 87.121 | 86.623 | -1.074m |
| | 7+540 | 87.302 | 86.804 | -0.960m |
| | 7+560 | 87.483 | 86.985 | -0.800m |
| | 7+580 | 87.664 | 87.166 | -0.600m |
| | 7+600 | 87.845 | 87.347 | -0.400m |
| | 7+620 | 88.026 | 87.528 | -0.200m |
| | 7+640 | 88.207 | 87.709 | -0.000m |
| | 7+660 | 88.388 | 87.890 | 0.046m |
| | 7+680 | 88.569 | 88.071 | 0.162m |
| | 7+700 | 88.750 | 88.252 | -0.117m |
| | 7+720 | 88.931 | 88.433 | -0.414m |
| | 7+740 | 89.112 | 88.614 | -0.720m |
| | 7+760 | 89.293 | 88.795 | -1.000m |
| | 7+780 | 89.474 | 88.976 | -1.320m |
| | 7+800 | 89.655 | 89.157 | -1.472m |
| | 7+820 | 89.836 | 89.338 | -1.630m |
| | 7+840 | 90.017 | 89.519 | -1.824m |
| | 7+860 | 90.198 | 89.700 | -2.020m |
| | 7+880 | 90.379 | 89.881 | -1.703m |
| | 7+900 | 90.560 | 90.062 | -1.374m |
| | 7+920 | 90.741 | 90.243 | -1.217m |
| | 7+940 | 90.922 | 90.424 | -1.074m |
| | 7+960 | 91.103 | 90.605 | -0.960m |
| | 7+980 | 91.284 | 90.786 | -0.800m |
| | 8+000 | 91.465 | 90.967 | -0.600m |
| | 8+020 | 91.646 | 91.148 | -0.400m |
| | 8+040 | 91.827 | 91.329 | -0.200m |
| | 8+060 | 92.008 | 91.510 | -0.000m |
| | 8+080 | 92.189 | 91.691 | 0.046m |
| | 8+100 | 92.370 | 91.872 | 0.162m |
| | 8+120 | 92.551 | 92.053 | -0.117m |
| | 8+140 | 92.732 | 92.234 | -0.414m |
| | 8+160 | 92.913 | 92.415 | -0.720m |
| | 8+180 | 93.094 | 92.596 | -1.000m |
| | 8+200 | 93.275 | 92.777 | -1.320m |
| | 8+220 | 93.456 | 92.958 | -1.472m |
| | 8+240 | 93.637 | 93.139 | -1.630m |
| | 8+260 | 93.818 | 93.320 | -1.824m |
| | 8+280 | 94.000 | 93.501 | -2.020m |
| | 8+300 | 94.181 | 93.682 | -1.703m |
| | 8+320 | 94.362 | 93.863 | -1.374m |
| | 8+340 | 94.543 | 94.044 | -1.217m |
| | 8+360 | 94.724 | 94.225 | -1.074m |
| | 8+380 | 94.905 | 94.406 | -0.960m |
| | 8+400 | 95.086 | 94.587 | -0.800m |
| | 8+420 | 95.267 | 94.768 | -0.600m |
| | 8+440 | 95.448 | 94.949 | -0.400m |
| | 8+460 | 95.629 | 95.130 | -0.200m |
| | 8+480 | 95.810 | 95.311 | -0.000m |
| | 8+500 | 95.991 | 95.492 | 0.046m |
| | 8+520 | 96.172 | 95.673 | 0.162m |
| | 8+540 | 96.353 | 95.854 | -0.117m |
| | 8+560 | 96.534 | 96.035 | -0.414m |
| | 8+580 | 96.715 | 96.216 | -0.720m |
| | 8+600 | 96.896 | 96.397 | -1.000m |
| | 8+620 | 97.077 | 96.578 | -1.320m |
| | 8+640 | 97.258 | 96.759 | -1.472m |
| | 8+660 | 97.439 | 96.940 | -1.630m |
| | 8+680 | 97.620 | 97.121 | -1.824m |
| | 8+700 | 97.801 | 97.302 | -2.020m |
| | 8+720 | 97.982 | 97.483 | -1.703m |
| | 8+740 | 98.163 | 97.664 | -1.374m |
| | 8+760 | 98.344 | 97.845 | -1.217m |
| | 8+780 | 98.525 | 98.026 | -1.074m |
| | 8+800 | 98.706 | 98.207 | -0.960m |
| | 8+820 | 98.887 | 98.388 | -0.800m |
| | 8+840 | 99.068 | 98.569 | -0.600m |
| | 8+860 | 99.249 | 98.750 | -0.400m |
| | 8+880 | 99.430 | 98.931 | -0.200m |
| | 8+900 | 99.611 | 99.112 | -0.000m |
| | 8+920 | 99.792 | 99.293 | 0.046m |
| | 8+940 | 99.973 | 99.474 | 0.162m |
| | 8+960 | 100.154 | 99.655 | -0.117m |
| | 8+980 | 100.335 | 99.836 | -0.414m |
| | 9+000 | 100.516 | 100.017 | -0.720m |
| | 9+020 | 100.697 | 100.198 | -1.000m |
| | 9+040 | 100.878 | 100.379 | -1.320m |
| | 9+060 | 101.059 | 100.560 | -1.472m |
| | 9+080 | 101.240 | 100.741 | -1.630m |
| | 9+100 | 101.421 | 100.922 | -1.824m |
| | 9+120 | 101.602 | 101.103 | -2.020m |
| | 9+140 | 101.783 | 101.284 | -1.703m |
| | 9+160 | 101.964 | 101.465 | -1.374m |
| | 9+180 | 102.145 | 101.646 | -1.217m |
| | 9+200 | 102.326 | 101.827 | -1.074m |
| | 9+220 | 102.507 | 102.008 | -0.960m |
| | 9+240 | 102.688 | 102.189 | -0.800m |
| | 9+260 | 102.869 | 102.370 | -0.600m |
| | 9+280 | 103.050 | 102.551 | -0.400m |
| | 9+300 | 103.231 | 102.732 | -0.200m |
| | 9+320 | 103.412 | 102.913 | -0.000m |
| | 9+340 | 103.593 | 103.094 | 0.046m |
| | 9+360 | 103.774 | 103.275 | 0.162m |
| | 9+380 | 103.955 | 103.456 | -0.117m |
| | 9+400 | 104.136 | 103.637 | -0.414m |
| | 9+420 | 104.317 | 103.818 | -0.720m |
| | 9+440 | 104.498 | 103.999 | -1.000m |
| | 9+460 | 104.679 | 104.180 | -1.320m |
| | 9+480 | 104.860 | 104.361 | -1.472m |
| | 9+500 | 105.041 | 104.542 | -1.630m |
| | 9+520 | 105.222 | 104.723 | -1.824m |
| | 9+540 | 105.403 | 104.904 | -2.020m |
| | 9+560 | 105.584 | 105.085 | -1.703m |
| | 9+580 | 105.765 | 105.266 | -1.374m |
| | 9+600 | 105.946 | 105.447 | -1.217m |
| | 9+620 | 106.127 | 105.628 | -1.074m |
| | 9+640 | 106.308 | 105.809 | -0.960m |
| | 9+660 | 106.489 | 105.990 | -0.800m |
| | 9+680 | 106.670 | 106.171 | -0.600m |
| | 9+700 | 106.851 | 106.352 | -0.400m |
| | 9+720 | 107.032 | 106.533 | -0.200m |
| | 9+740 | 107.213 | 106.714 | -0.000m |
| | 9+760 | 107.394 | 106.895 | 0.046m |
| | 9+780 | 107.575 | 107.076 | 0.162m |
| | 9+800 | 107.756 | 107.257 | -0.117m |
| | 9+820 | 107.937 | 107.438 | -0.414m |
| | 9+840 | 108.118 | 107.619 | -0.720m |
| | 9+860 | 108.299 | 107.800 | -1.000m |
| | 9+880 | 108.480 | 107.981 | -1.320m |
| | 9+900 | 108.661 | 108.162 | -1.472m |
| | 9+920 | 108.842 | 108.343 | -1.630m |
| | 9+940 | 109.023 | 108.524 | -1.824m |
| | 9+960 | 109.204 | 108.705 | -2.020m |
| | 9+980 | 109.385 | 108.886 | -1.703m |
| | 10+000 | 109.566 | 109.067 | -1.374m |



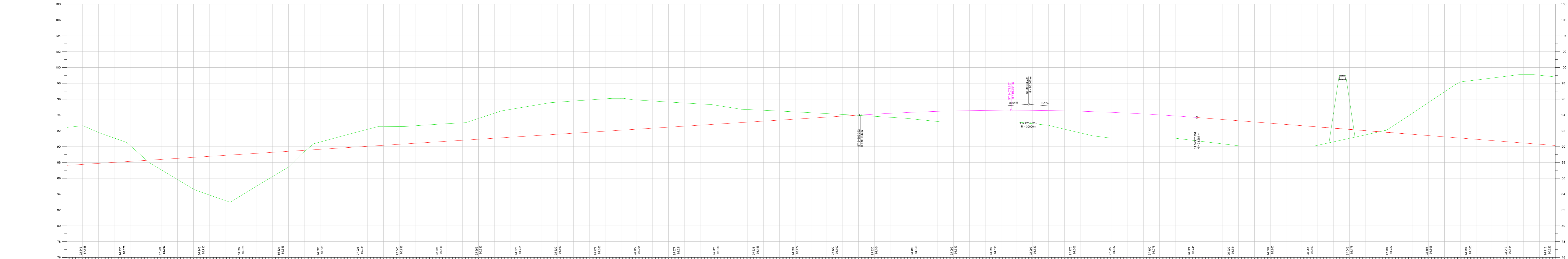


H=66.000 m.n.m.

| Vertikalni elementi | Stacionaza | Kote nivelete | Kote terena | Delta Z | Tlocrtni elementi |
|---------------------|------------|---------------|-------------|---------|-------------------|
| 0+000 | 0+000 | 75.690 | 75.690 | 0.00m | |
| 0+020 | 0+020 | 75.817 | 75.817 | -0.30m | |
| 0+040 | 0+040 | 75.944 | 75.944 | -0.62m | |
| 0+060 | 0+060 | 76.071 | 76.071 | -0.92m | |
| 0+080 | 0+080 | 76.198 | 76.198 | -1.20m | |
| 0+100 | 0+100 | 76.325 | 76.325 | -1.52m | |
| 0+120 | 0+120 | 76.452 | 76.452 | -1.82m | |
| 0+140 | 0+140 | 76.579 | 76.579 | -2.10m | |
| 0+160 | 0+160 | 76.706 | 76.706 | -2.35m | |
| 0+180 | 0+180 | 76.833 | 76.833 | -2.58m | |
| 0+200 | 0+200 | 76.960 | 76.960 | -2.79m | |
| 0+220 | 0+220 | 77.087 | 77.087 | -2.98m | |
| 0+240 | 0+240 | 77.214 | 77.214 | -3.15m | |
| 0+260 | 0+260 | 77.341 | 77.341 | -3.30m | |
| 0+280 | 0+280 | 77.468 | 77.468 | -3.43m | |
| 0+300 | 0+300 | 77.595 | 77.595 | -3.54m | |
| 0+320 | 0+320 | 77.722 | 77.722 | -3.63m | |
| 0+340 | 0+340 | 77.849 | 77.849 | -3.70m | |
| 0+360 | 0+360 | 77.976 | 77.976 | -3.75m | |
| 0+380 | 0+380 | 78.103 | 78.103 | -3.78m | |
| 0+400 | 0+400 | 78.230 | 78.230 | -3.79m | |
| 0+420 | 0+420 | 78.357 | 78.357 | -3.78m | |
| 0+440 | 0+440 | 78.484 | 78.484 | -3.75m | |
| 0+460 | 0+460 | 78.611 | 78.611 | -3.70m | |
| 0+480 | 0+480 | 78.738 | 78.738 | -3.63m | |
| 0+500 | 0+500 | 78.865 | 78.865 | -3.54m | |
| 0+520 | 0+520 | 78.992 | 78.992 | -3.43m | |
| 0+540 | 0+540 | 79.119 | 79.119 | -3.30m | |
| 0+560 | 0+560 | 79.246 | 79.246 | -3.15m | |
| 0+580 | 0+580 | 79.373 | 79.373 | -3.00m | |
| 0+600 | 0+600 | 79.500 | 79.500 | -2.82m | |
| 0+620 | 0+620 | 79.627 | 79.627 | -2.62m | |
| 0+640 | 0+640 | 79.754 | 79.754 | -2.40m | |
| 0+660 | 0+660 | 79.881 | 79.881 | -2.16m | |
| 0+680 | 0+680 | 80.008 | 80.008 | -1.90m | |
| 0+700 | 0+700 | 80.135 | 80.135 | -1.62m | |
| 0+720 | 0+720 | 80.262 | 80.262 | -1.33m | |
| 0+740 | 0+740 | 80.389 | 80.389 | -1.03m | |
| 0+760 | 0+760 | 80.516 | 80.516 | -0.72m | |
| 0+780 | 0+780 | 80.643 | 80.643 | -0.40m | |
| 0+800 | 0+800 | 80.770 | 80.770 | -0.07m | |
| 0+820 | 0+820 | 80.897 | 80.897 | 0.27m | |
| 0+840 | 0+840 | 81.024 | 81.024 | 0.58m | |
| 0+860 | 0+860 | 81.151 | 81.151 | 0.87m | |
| 0+880 | 0+880 | 81.278 | 81.278 | 1.14m | |
| 0+900 | 0+900 | 81.405 | 81.405 | 1.39m | |
| 0+920 | 0+920 | 81.532 | 81.532 | 1.62m | |
| 0+940 | 0+940 | 81.659 | 81.659 | 1.83m | |
| 0+960 | 0+960 | 81.786 | 81.786 | 2.02m | |
| 0+980 | 0+980 | 81.913 | 81.913 | 2.19m | |
| 1+000 | 1+000 | 82.040 | 82.040 | 2.34m | |
| 1+020 | 1+020 | 82.167 | 82.167 | 2.47m | |
| 1+040 | 1+040 | 82.294 | 82.294 | 2.58m | |
| 1+060 | 1+060 | 82.421 | 82.421 | 2.68m | |
| 1+080 | 1+080 | 82.548 | 82.548 | 2.76m | |
| 1+100 | 1+100 | 82.675 | 82.675 | 2.82m | |
| 1+120 | 1+120 | 82.802 | 82.802 | 2.87m | |
| 1+140 | 1+140 | 82.929 | 82.929 | 2.90m | |
| 1+160 | 1+160 | 83.056 | 83.056 | 2.92m | |
| 1+180 | 1+180 | 83.183 | 83.183 | 2.92m | |
| 1+200 | 1+200 | 83.310 | 83.310 | 2.90m | |
| 1+220 | 1+220 | 83.437 | 83.437 | 2.87m | |
| 1+240 | 1+240 | 83.564 | 83.564 | 2.82m | |
| 1+260 | 1+260 | 83.691 | 83.691 | 2.76m | |
| 1+280 | 1+280 | 83.818 | 83.818 | 2.68m | |
| 1+300 | 1+300 | 83.945 | 83.945 | 2.58m | |
| 1+320 | 1+320 | 84.072 | 84.072 | 2.47m | |
| 1+340 | 1+340 | 84.200 | 84.200 | 2.34m | |
| 1+360 | 1+360 | 84.327 | 84.327 | 2.19m | |
| 1+380 | 1+380 | 84.454 | 84.454 | 2.02m | |
| 1+400 | 1+400 | 84.581 | 84.581 | 1.83m | |
| 1+420 | 1+420 | 84.708 | 84.708 | 1.62m | |
| 1+440 | 1+440 | 84.835 | 84.835 | 1.39m | |
| 1+460 | 1+460 | 84.962 | 84.962 | 1.14m | |
| 1+480 | 1+480 | 85.089 | 85.089 | 0.87m | |
| 1+500 | 1+500 | 85.216 | 85.216 | 0.58m | |
| 1+520 | 1+520 | 85.343 | 85.343 | 0.27m | |
| 1+540 | 1+540 | 85.470 | 85.470 | 0.00m | |
| 1+560 | 1+560 | 85.597 | 85.597 | 0.27m | |
| 1+580 | 1+580 | 85.724 | 85.724 | 0.58m | |
| 1+600 | 1+600 | 85.851 | 85.851 | 0.87m | |
| 1+620 | 1+620 | 85.978 | 85.978 | 1.14m | |
| 1+640 | 1+640 | 86.105 | 86.105 | 1.39m | |
| 1+660 | 1+660 | 86.232 | 86.232 | 1.62m | |
| 1+680 | 1+680 | 86.359 | 86.359 | 1.83m | |
| 1+700 | 1+700 | 86.486 | 86.486 | 2.02m | |
| 1+720 | 1+720 | 86.613 | 86.613 | 2.19m | |
| 1+740 | 1+740 | 86.740 | 86.740 | 2.34m | |
| 1+760 | 1+760 | 86.867 | 86.867 | 2.47m | |
| 1+780 | 1+780 | 86.994 | 86.994 | 2.58m | |
| 1+800 | 1+800 | 87.121 | 87.121 | 2.68m | |
| 1+820 | 1+820 | 87.248 | 87.248 | 2.76m | |
| 1+840 | 1+840 | 87.375 | 87.375 | 2.82m | |
| 1+860 | 1+860 | 87.502 | 87.502 | 2.87m | |
| 1+880 | 1+880 | 87.629 | 87.629 | 2.90m | |

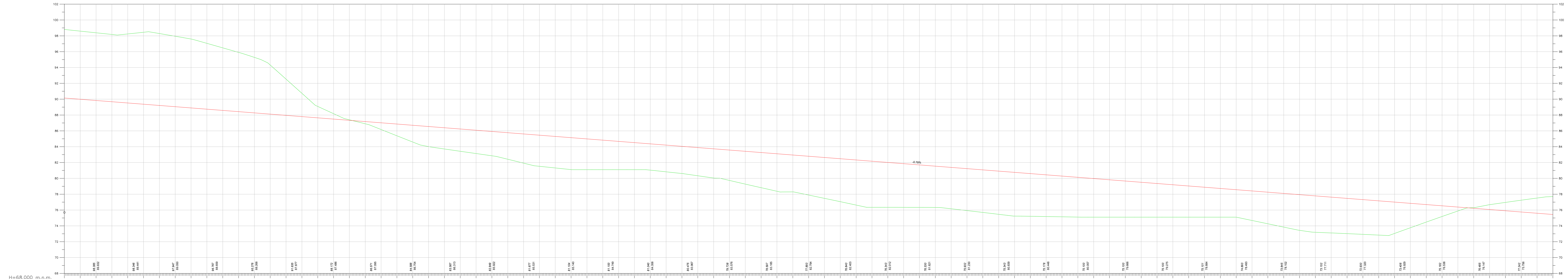


GRAĐEVINSKI FAKULTET SVEUČILIŠTA U ZAGREBU
DIPLOMSKI RAD
 Prilog: Uzdužni profil - os [varijanta 2] Predano: rujan 2023.
 0+000.000 - 1+880.000 Rok pred.: rujan 2023.
 Mjerilo: 1:2000/200 Br.pr.: 6.1. Mentor:
 Izradila: Petra Kipa, 0082058844 Izv. prof. dr. sc. Ivica Stančević



H = 76.000 m.n.m.

| Vertikalni elementi | Stacionaza | Kote nivelete | Kote terena | Delta Z |
|---------------------|------------|---------------|-------------|----------|
| | 1+900 | 87.728 | 82.646 | 4.888m |
| | 1+920 | 87.885 | 82.796 | 3.970m |
| | 1+940 | 88.012 | 82.979 | 3.037m |
| | 1+960 | 88.119 | 83.139 | 2.000m |
| | 1+980 | 88.206 | 83.252 | 0.857m |
| | 2+000 | 88.274 | 83.334 | -1.358m |
| | 2+020 | 88.320 | 83.386 | -2.684m |
| | 2+040 | 88.347 | 83.437 | -4.070m |
| | 2+060 | 88.354 | 83.464 | -4.879m |
| | 2+080 | 88.351 | 83.466 | -5.705m |
| | 2+100 | 88.328 | 83.407 | -5.221m |
| | 2+120 | 88.285 | 83.315 | -4.720m |
| | 2+140 | 88.224 | 83.196 | -3.055m |
| | 2+160 | 88.145 | 83.049 | -1.994m |
| | 2+180 | 88.036 | 82.874 | -0.162m |
| | 2+200 | 87.893 | 82.668 | 0.922m |
| | 2+220 | 87.710 | 82.426 | 1.330m |
| | 2+240 | 87.491 | 82.146 | 1.744m |
| | 2+260 | 87.132 | 81.724 | 2.147m |
| | 2+280 | 86.637 | 81.161 | 2.366m |
| | 2+300 | 86.000 | 80.466 | 2.420m |
| | 2+320 | 85.228 | 80.640 | 2.214m |
| | 2+340 | 84.328 | 80.774 | 2.222m |
| | 2+360 | 83.298 | 80.859 | 2.270m |
| | 2+380 | 82.146 | 80.896 | 2.206m |
| | 2+400 | 80.884 | 80.886 | 2.033m |
| | 2+420 | 79.510 | 80.820 | 3.150m |
| | 2+440 | 78.021 | 80.703 | 3.516m |
| | 2+460 | 76.424 | 80.542 | 3.728m |
| | 2+480 | 74.724 | 80.330 | 3.938m |
| | 2+500 | 72.924 | 80.066 | 4.033m |
| | 2+520 | 71.024 | 79.754 | 4.066m |
| | 2+540 | 69.024 | 79.386 | 4.080m |
| | 2+560 | 66.924 | 78.954 | 4.090m |
| | 2+580 | 64.724 | 78.466 | 4.021m |
| | 2+600 | 62.424 | 77.924 | 3.688m |
| | 2+620 | 60.024 | 77.324 | 3.433m |
| | 2+640 | 57.524 | 76.666 | 3.181m |
| | 2+660 | 54.924 | 75.954 | 2.931m |
| | 2+680 | 52.224 | 75.186 | 2.680m |
| | 2+700 | 49.424 | 74.366 | 2.387m |
| | 2+720 | 46.524 | 73.500 | 1.940m |
| | 2+740 | 43.524 | 72.586 | 1.590m |
| | 2+760 | 40.424 | 71.624 | 1.371m |
| | 2+780 | 37.224 | 70.616 | 1.146m |
| | 2+800 | 33.924 | 69.564 | 0.917m |
| | 2+820 | 30.524 | 68.466 | 0.685m |
| | 2+840 | 27.024 | 67.324 | 0.448m |
| | 2+860 | 23.424 | 66.146 | 0.210m |
| | 2+880 | 19.724 | 64.924 | -0.033m |
| | 2+900 | 15.924 | 63.654 | -0.274m |
| | 2+920 | 12.024 | 62.336 | -0.506m |
| | 2+940 | 7.924 | 60.966 | -0.728m |
| | 2+960 | 3.624 | 59.554 | -1.071m |
| | 2+980 | -0.876 | 58.096 | -1.288m |
| | 3+000 | -3.376 | 56.596 | -1.414m |
| | 3+020 | -5.876 | 55.054 | -1.456m |
| | 3+040 | -8.376 | 53.466 | -1.484m |
| | 3+060 | -10.876 | 51.824 | -1.499m |
| | 3+080 | -13.376 | 50.136 | -1.501m |
| | 3+100 | -15.876 | 48.400 | -1.686m |
| | 3+120 | -18.376 | 46.614 | -1.874m |
| | 3+140 | -20.876 | 44.774 | -2.312m |
| | 3+160 | -23.376 | 42.886 | -2.735m |
| | 3+180 | -25.876 | 40.954 | -3.095m |
| | 3+200 | -28.376 | 38.986 | -3.332m |
| | 3+220 | -30.876 | 36.986 | -3.141m |
| | 3+240 | -33.376 | 34.954 | -3.036m |
| | 3+260 | -35.876 | 32.886 | -2.918m |
| | 3+280 | -38.376 | 30.786 | -2.823m |
| | 3+300 | -40.876 | 28.654 | -2.920m |
| | 3+320 | -43.376 | 26.486 | -3.003m |
| | 3+340 | -45.876 | 24.286 | -3.083m |
| | 3+360 | -48.376 | 22.054 | -3.160m |
| | 3+380 | -50.876 | 19.786 | -3.030m |
| | 3+400 | -53.376 | 17.486 | -2.918m |
| | 3+420 | -55.876 | 15.154 | -2.820m |
| | 3+440 | -58.376 | 12.786 | -2.742m |
| | 3+460 | -60.876 | 10.386 | -2.591m |
| | 3+480 | -63.376 | 7.954 | -2.313m |
| | 3+500 | -65.876 | 5.486 | -1.724m |
| | 3+520 | -68.376 | 2.986 | -1.132m |
| | 3+540 | -70.876 | 0.454 | -0.537m |
| | 3+560 | -73.376 | -2.116 | 0.062m |
| | 3+580 | -75.876 | -4.646 | 1.237m |
| | 3+600 | -78.376 | -7.146 | 2.700m |
| | 3+620 | -80.876 | -9.614 | 4.169m |
| | 3+640 | -83.376 | -12.054 | 5.683m |
| | 3+660 | -85.876 | -14.466 | 7.096m |
| | 3+680 | -88.376 | -16.846 | 7.494m |
| | 3+700 | -90.876 | -19.186 | 7.897m |
| | 3+720 | -93.376 | -21.486 | 8.304m |
| | 3+740 | -95.876 | -23.746 | 8.643m |
| | 3+760 | -98.376 | -25.966 | 8.924m |
| | 3+780 | -100.876 | -28.146 | 9.146m |
| | 3+800 | -103.376 | -30.286 | 9.316m |
| | 3+820 | -105.876 | -32.386 | 9.436m |
| | 3+840 | -108.376 | -34.446 | 9.506m |
| | 3+860 | -110.876 | -36.466 | 9.526m |
| | 3+880 | -113.376 | -38.446 | 9.496m |
| | 3+900 | -115.876 | -40.386 | 9.416m |
| | 3+920 | -118.376 | -42.286 | 9.286m |
| | 3+940 | -120.876 | -44.146 | 9.116m |
| | 3+960 | -123.376 | -45.966 | 8.916m |
| | 3+980 | -125.876 | -47.746 | 8.686m |
| | 4+000 | -128.376 | -49.486 | 8.426m |
| | 4+020 | -130.876 | -51.186 | 8.136m |
| | 4+040 | -133.376 | -52.846 | 7.816m |
| | 4+060 | -135.876 | -54.466 | 7.466m |
| | 4+080 | -138.376 | -56.046 | 7.086m |
| | 4+100 | -140.876 | -57.586 | 6.676m |
| | 4+120 | -143.376 | -59.086 | 6.236m |
| | 4+140 | -145.876 | -60.546 | 5.766m |
| | 4+160 | -148.376 | -61.966 | 5.266m |
| | 4+180 | -150.876 | -63.346 | 4.736m |
| | 4+200 | -153.376 | -64.686 | 4.176m |
| | 4+220 | -155.876 | -65.986 | 3.586m |
| | 4+240 | -158.376 | -67.246 | 2.966m |
| | 4+260 | -160.876 | -68.466 | 2.316m |
| | 4+280 | -163.376 | -69.646 | 1.646m |
| | 4+300 | -165.876 | -70.786 | 0.956m |
| | 4+320 | -168.376 | -71.886 | 0.246m |
| | 4+340 | -170.876 | -72.946 | -0.484m |
| | 4+360 | -173.376 | -73.966 | -1.194m |
| | 4+380 | -175.876 | -74.946 | -1.884m |
| | 4+400 | -178.376 | -75.886 | -2.554m |
| | 4+420 | -180.876 | -76.786 | -3.204m |
| | 4+440 | -183.376 | -77.646 | -3.834m |
| | 4+460 | -185.876 | -78.466 | -4.444m |
| | 4+480 | -188.376 | -79.246 | -5.034m |
| | 4+500 | -190.876 | -80.000 | -5.604m |
| | 4+520 | -193.376 | -80.720 | -6.154m |
| | 4+540 | -195.876 | -81.400 | -6.684m |
| | 4+560 | -198.376 | -82.040 | -7.194m |
| | 4+580 | -200.876 | -82.640 | -7.684m |
| | 4+600 | -203.376 | -83.200 | -8.154m |
| | 4+620 | -205.876 | -83.720 | -8.604m |
| | 4+640 | -208.376 | -84.200 | -9.034m |
| | 4+660 | -210.876 | -84.640 | -9.444m |
| | 4+680 | -213.376 | -85.040 | -9.834m |
| | 4+700 | -215.876 | -85.400 | -10.204m |
| | 4+720 | -218.376 | -85.720 | -10.554m |
| | 4+740 | -220.876 | -86.000 | -10.884m |
| | 4+760 | -223.376 | -86.240 | -11.194m |
| | 4+780 | -225.876 | -86.440 | -11.484m |
| | 4+800 | -228.376 | -86.600 | -11.754m |
| | 4+820 | -230.876 | -86.720 | -12.004m |
| | 4+840 | -233.376 | -86.800 | -12.234m |
| | 4+860 | -235.876 | -86.840 | -12.444m |
| | 4+880 | -238.376 | -86.840 | -12.634m |
| | 4+900 | -240.876 | -86.800 | -12.804m |
| | 4+920 | -243.376 | -86.720 | -12.954m |
| | 4+940 | -245.876 | -86.600 | -13.084m |
| | 4+960 | -248.376 | -86.440 | -13.194m |
| | 4+980 | -250.876 | -86.240 | -13.284m |
| | 5+000 | -253.376 | -86.000 | -13.354m |
| | 5+020 | -255.876 | -85.720 | -13.404m |
| | 5+040 | -258.376 | -85.400 | -13.434m |
| | 5+060 | -260.876 | -85.040 | -13.444m |
| | 5+080 | -263.376 | -84.640 | -13.434m |
| | 5+100 | -265.876 | -84.200 | -13.404m |
| | 5+120 | -268.376 | -83.720 | -13.354m |
| | 5+140 | -270.876 | -83.200 | -13.284m |
| | 5+160 | -273.376 | -82.640 | -13.194m |
| | 5+180 | -275.876 | -82.040 | -13.084m |
| | 5+200 | -278.376 | -81.400 | -12.954m |
| | 5+220 | -280.876 | -80.720 | -12.804m |
| | 5+240 | -283.376 | -80.000 | -12.634m |
| | 5+260 | -285.876 | -79.240 | -12.444m |
| | 5+280 | -288.376 | -78.440 | -12.234m |
| | 5+300 | -290.876 | -77.600 | -12.004m |
| | 5+320 | -293.376 | -76.720 | -11.754m |
| | 5+340 | -295.876 | -75.800 | -11.484m |
| | 5+360 | -298.376 | -74.840 | -11.194m |
| | 5+380 | -300.876 | -73.840 | -10.884m |
| | 5+400 | -303.376 | -72.800 | -10.554m |
| | 5+420 | -305.876 | -71.720 | -10.204m |
| | 5+440 | -308.376 | -70.600 | -9.834m |
| | 5+460 | -310.876 | -69.440 | -9.444m |
| | 5+480 | -313.376 | -68.240 | -9.034m |
| | 5+500 | -315.876 | -67.000 | -8.604m |
| | 5+520 | -318.376 | -65.720 | -8.154m |
| | 5+540 | -320.876 | -64.400 | -7.684m |
| | 5+560 | -323.376 | -63.040 | -7.194m |
| | 5+580 | -325.876 | -61.640 | -6.684m |
| | 5+600 | -328.376 | -60.200 | -6.154m |
| | 5+620 | -330.876 | -58.720 | -5.604m |
| | 5+640 | -333.376 | -57.200 | -5.034m |
| | 5+660 | -335.876 | -55.640 | -4.444m |
| | 5+680 | -338.376 | -54.040 | -3.834m |
| | 5+700 | -340.876 | -52.400 | -3.204m |
| | 5+720 | -343.376 | -50.720 | -2.554m |
| | 5+740 | -345.876 | -49.000 | -1.884m |
| | 5+760 | -348.376 | -47.240 | -1.194m |
| | 5+780 | -350.876 | -45.440 | -0.484m |
| | 5+800 | -353.376 | -43.600 | 0.246m |
| | 5+820 | -355.876 | -41.720 | 0.956m |
| | 5+840 | -358.376 | -39.800 | 1.646m |
| | 5+860 | -360.876 | -37.840 | 2.316m |
| | 5+880 | -363.376 | -35.840 | 2.966m |
| | 5+900 | -365.876 | -33.800 | 3.586m |
| | 5+920 | -368.376 | -31.720 | 4.176m |
| | 5+940 | -370.876 | -29.600 | 4.736m |
| | 5+960 | -373.376 | -27.440 | 5.266m |
| | 5+980 | -375.876 | -25.240 | 5.766m |
| | 6+000 | -378.376 | -23.000 | 6.236m |
| | 6+020 | -380.876 | -20.720 | 6.686m |
| | 6+040 | -383.376 | -18.400 | 7.116m |
| | 6+060 | -385.876 | -16.040 | 7.516m |
| | 6+080 | -388.376 | -13.640 | 7.886m |
| | 6+100 | -390.876 | -11.200 | 8.226m |
| | 6+120 | -393.376 | -8.720 | 8.536m |
| | 6+140 | -395.876 | -6.200 | 8.816m |
| | 6+160 | -398.376 | -3.640 | 9.066m |
| | 6+180 | -400.876 | -1.040 | 9.286m |
| | 6+200 | -403.376 | 1.600 | 9.476m |
| | 6+220 | -405.876 | 4.100 | 9.636m |
| | 6+240 | -408.376 | 6.550 | 9.766m |
| | 6+260 | -410.876 | 8.950 | 9.866m |
| | 6+280 | -413.376 | 11.300 | 9.936m |
| | 6+300 | -415.876 | 13.600 | 9.976m |
| | 6+320 | -418.376 | 15.850 | 9.986m |
| | 6+340 | -420.876 | 18.050 | 9.966m |
| | 6+360 | -423.376 | 20.200 | 9.916m |
| | 6+380 | -425.876 | 22.300 | 9.836m |
| | 6+400 | -428.376 | 24.350 | 9.726m |
| | 6+420 | -430.876 | 26.350 | 9.586m |
| | 6+440 | -433.376 | 28.300 | 9.416m |
| | 6+460 | -435.876 | 30.200 | 9.216m |
| | 6+480 | -438.3 | | |

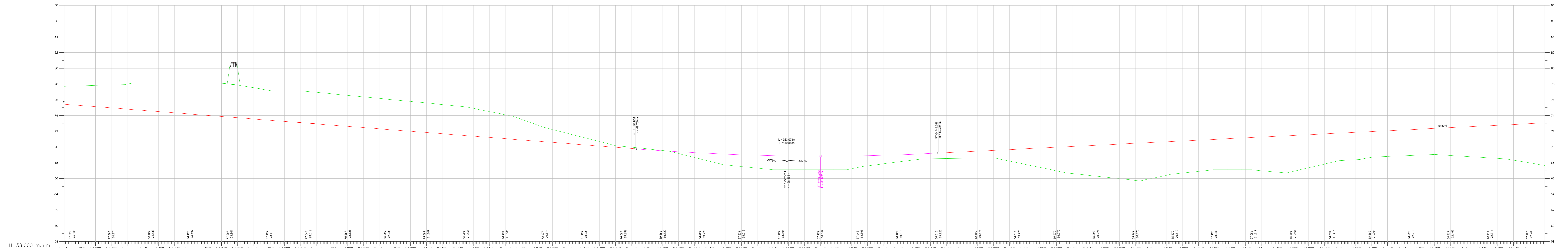


H=68.000 m.n.m.

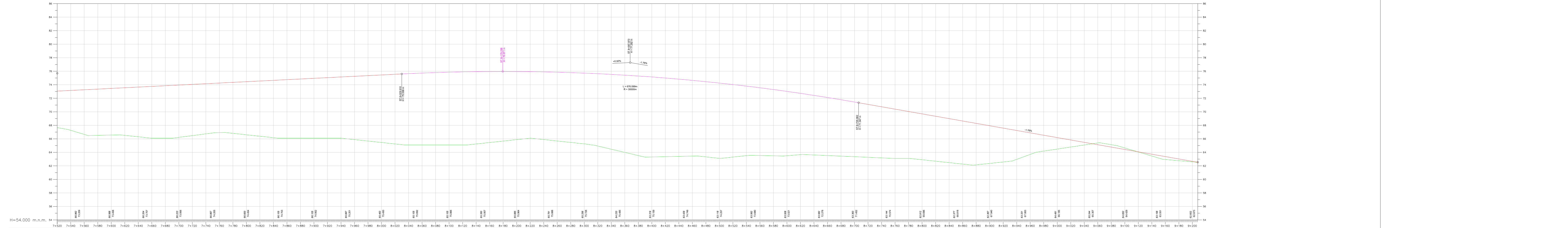
| Vertikalni elementi | Stacionaza | Kote nivelete | Kote terena | Delta Z |
|---------------------|------------|---------------|-------------|---------|
| | 3+760 | 98.989 | 98.598 | 6.600m |
| | 3+780 | 98.989 | 98.598 | 6.600m |
| | 3+800 | 98.989 | 98.598 | 6.600m |
| | 3+820 | 98.989 | 98.598 | 6.600m |
| | 3+840 | 98.989 | 98.598 | 6.600m |
| | 3+860 | 98.989 | 98.598 | 6.600m |
| | 3+880 | 98.989 | 98.598 | 6.600m |
| | 3+900 | 98.989 | 98.598 | 6.600m |
| | 3+920 | 98.989 | 98.598 | 6.600m |
| | 3+940 | 98.989 | 98.598 | 6.600m |
| | 3+960 | 98.989 | 98.598 | 6.600m |
| | 3+980 | 98.989 | 98.598 | 6.600m |
| | 4+000 | 98.989 | 98.598 | 6.600m |
| | 4+020 | 98.989 | 98.598 | 6.600m |
| | 4+040 | 98.989 | 98.598 | 6.600m |
| | 4+060 | 98.989 | 98.598 | 6.600m |
| | 4+080 | 98.989 | 98.598 | 6.600m |
| | 4+100 | 98.989 | 98.598 | 6.600m |
| | 4+120 | 98.989 | 98.598 | 6.600m |
| | 4+140 | 98.989 | 98.598 | 6.600m |
| | 4+160 | 98.989 | 98.598 | 6.600m |
| | 4+180 | 98.989 | 98.598 | 6.600m |
| | 4+200 | 98.989 | 98.598 | 6.600m |
| | 4+220 | 98.989 | 98.598 | 6.600m |
| | 4+240 | 98.989 | 98.598 | 6.600m |
| | 4+260 | 98.989 | 98.598 | 6.600m |
| | 4+280 | 98.989 | 98.598 | 6.600m |
| | 4+300 | 98.989 | 98.598 | 6.600m |
| | 4+320 | 98.989 | 98.598 | 6.600m |
| | 4+340 | 98.989 | 98.598 | 6.600m |
| | 4+360 | 98.989 | 98.598 | 6.600m |
| | 4+380 | 98.989 | 98.598 | 6.600m |
| | 4+400 | 98.989 | 98.598 | 6.600m |
| | 4+420 | 98.989 | 98.598 | 6.600m |
| | 4+440 | 98.989 | 98.598 | 6.600m |
| | 4+460 | 98.989 | 98.598 | 6.600m |
| | 4+480 | 98.989 | 98.598 | 6.600m |
| | 4+500 | 98.989 | 98.598 | 6.600m |
| | 4+520 | 98.989 | 98.598 | 6.600m |
| | 4+540 | 98.989 | 98.598 | 6.600m |
| | 4+560 | 98.989 | 98.598 | 6.600m |
| | 4+580 | 98.989 | 98.598 | 6.600m |
| | 4+600 | 98.989 | 98.598 | 6.600m |
| | 4+620 | 98.989 | 98.598 | 6.600m |
| | 4+640 | 98.989 | 98.598 | 6.600m |
| | 4+660 | 98.989 | 98.598 | 6.600m |
| | 4+680 | 98.989 | 98.598 | 6.600m |
| | 4+700 | 98.989 | 98.598 | 6.600m |
| | 4+720 | 98.989 | 98.598 | 6.600m |
| | 4+740 | 98.989 | 98.598 | 6.600m |
| | 4+760 | 98.989 | 98.598 | 6.600m |
| | 4+780 | 98.989 | 98.598 | 6.600m |
| | 4+800 | 98.989 | 98.598 | 6.600m |
| | 4+820 | 98.989 | 98.598 | 6.600m |
| | 4+840 | 98.989 | 98.598 | 6.600m |
| | 4+860 | 98.989 | 98.598 | 6.600m |
| | 4+880 | 98.989 | 98.598 | 6.600m |
| | 4+900 | 98.989 | 98.598 | 6.600m |
| | 4+920 | 98.989 | 98.598 | 6.600m |
| | 4+940 | 98.989 | 98.598 | 6.600m |
| | 4+960 | 98.989 | 98.598 | 6.600m |
| | 4+980 | 98.989 | 98.598 | 6.600m |
| | 5+000 | 98.989 | 98.598 | 6.600m |
| | 5+020 | 98.989 | 98.598 | 6.600m |
| | 5+040 | 98.989 | 98.598 | 6.600m |
| | 5+060 | 98.989 | 98.598 | 6.600m |
| | 5+080 | 98.989 | 98.598 | 6.600m |
| | 5+100 | 98.989 | 98.598 | 6.600m |
| | 5+120 | 98.989 | 98.598 | 6.600m |
| | 5+140 | 98.989 | 98.598 | 6.600m |
| | 5+160 | 98.989 | 98.598 | 6.600m |
| | 5+180 | 98.989 | 98.598 | 6.600m |
| | 5+200 | 98.989 | 98.598 | 6.600m |
| | 5+220 | 98.989 | 98.598 | 6.600m |
| | 5+240 | 98.989 | 98.598 | 6.600m |
| | 5+260 | 98.989 | 98.598 | 6.600m |
| | 5+280 | 98.989 | 98.598 | 6.600m |
| | 5+300 | 98.989 | 98.598 | 6.600m |
| | 5+320 | 98.989 | 98.598 | 6.600m |
| | 5+340 | 98.989 | 98.598 | 6.600m |
| | 5+360 | 98.989 | 98.598 | 6.600m |
| | 5+380 | 98.989 | 98.598 | 6.600m |
| | 5+400 | 98.989 | 98.598 | 6.600m |
| | 5+420 | 98.989 | 98.598 | 6.600m |
| | 5+440 | 98.989 | 98.598 | 6.600m |
| | 5+460 | 98.989 | 98.598 | 6.600m |
| | 5+480 | 98.989 | 98.598 | 6.600m |
| | 5+500 | 98.989 | 98.598 | 6.600m |
| | 5+520 | 98.989 | 98.598 | 6.600m |
| | 5+540 | 98.989 | 98.598 | 6.600m |
| | 5+560 | 98.989 | 98.598 | 6.600m |
| | 5+580 | 98.989 | 98.598 | 6.600m |
| | 5+600 | 98.989 | 98.598 | 6.600m |
| | 5+620 | 98.989 | 98.598 | 6.600m |



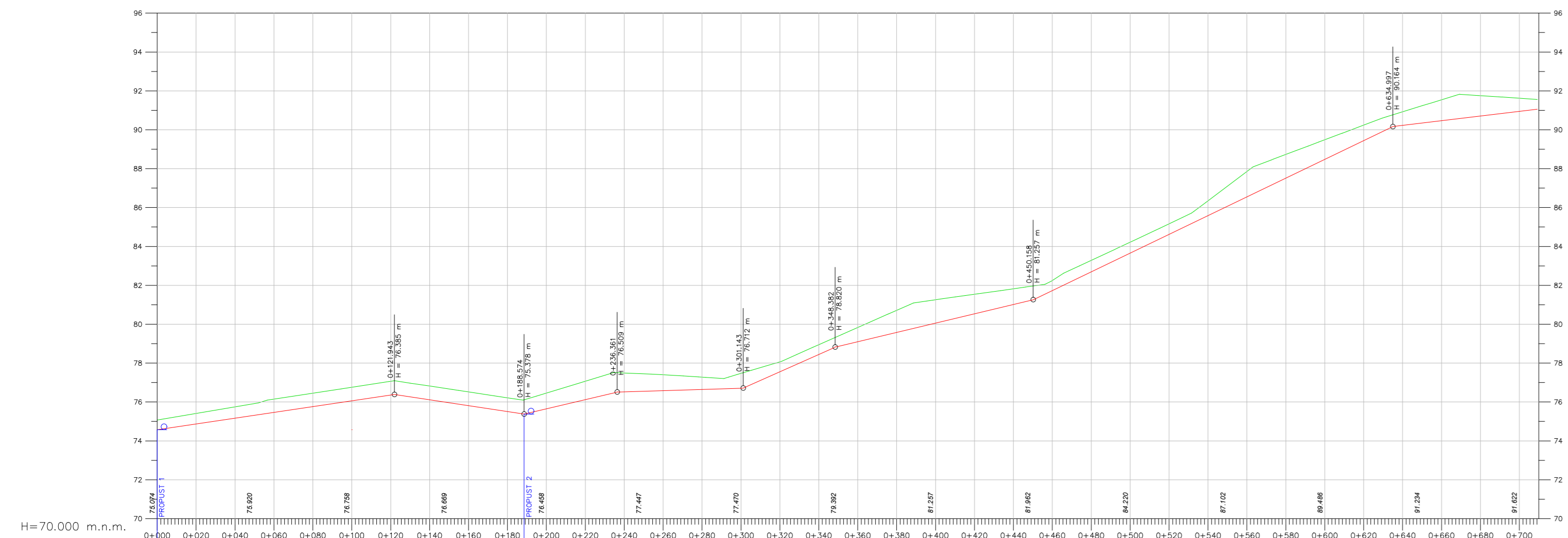
GRAĐEVINSKI FAKULTET SVEUČILIŠTA U ZAGREBU
DIPLOMSKI RAD
 Prilog: Uzdužni profil - os [varijanta 2] 3+760.000 - 5+640.000
 Mjerilo: 1:2000/200 Br.pr.: 6.3.
 Izradila: Petra Kipa, 0082058844
 Predano: rujan 2023.
 Rok pred.: rujan 2023.
 Mentor: Izv. prof. dr. sc. Ivica Stančerić



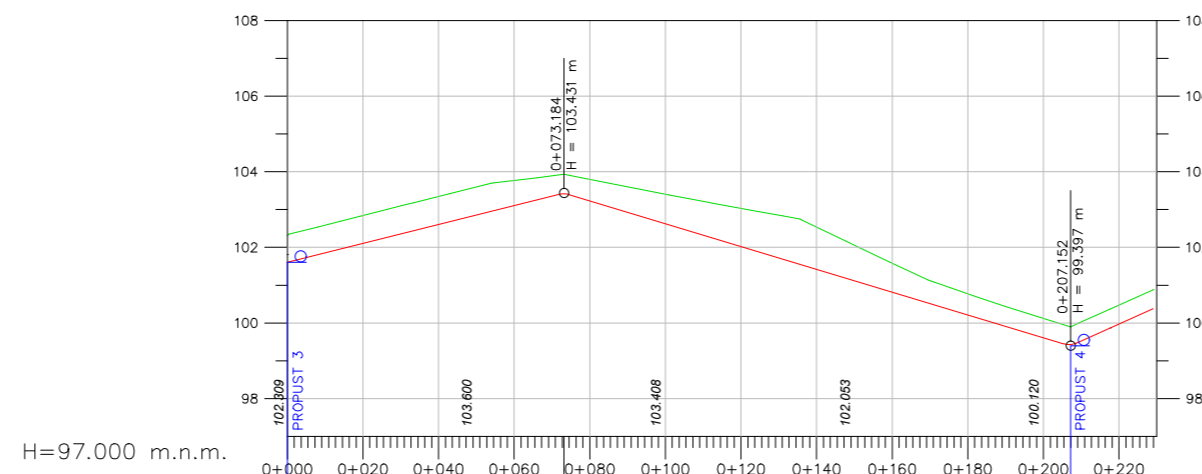
| Vertikalni elementi | Stacionaza | Kote nivelete | Kote terena | Delta Z | Tlocrtni elementi | Schema vitoperenja |
|---------------------|------------|---------------|-------------|---------|---------------------------|------------------------|
| | 5+640 | 77.96 | 75.287 | 2.479m | L _a = 200.000m | Δh ≤ Δh _{min} |
| | 5+660 | 75.96 | 75.31 | 2.69m | | |
| | 5+680 | 75.96 | 75.31 | 2.69m | | |
| | 5+700 | 75.96 | 74.974 | 2.915m | | |
| | 5+720 | 75.96 | 74.618 | 3.17m | | |
| | 5+740 | 75.96 | 74.462 | 3.440m | | |
| | 5+760 | 75.96 | 74.505 | 3.597m | | |
| | 5+780 | 75.96 | 74.349 | 3.753m | | |
| | 5+800 | 75.96 | 74.192 | 3.910m | | |
| | 5+820 | 75.96 | 74.036 | 4.066m | | |
| | 5+840 | 75.96 | 73.880 | 4.206m | | |
| | 5+860 | 75.96 | 73.723 | 4.149m | | |
| | 5+880 | 75.96 | 73.567 | 3.896m | | |
| | 5+900 | 75.96 | 73.410 | 3.786m | | |
| | 5+920 | 75.96 | 73.254 | 3.846m | | |
| | 5+940 | 75.96 | 73.098 | 4.000m | | |
| | 5+960 | 75.96 | 72.941 | 4.020m | | |
| | 5+980 | 75.96 | 72.785 | 3.988m | | |
| | 6+000 | 75.96 | 72.628 | 3.930m | | |
| | 6+020 | 75.96 | 72.472 | 3.897m | | |
| | 6+040 | 75.96 | 72.316 | 3.860m | | |
| | 6+060 | 75.96 | 72.159 | 3.823m | | |
| | 6+080 | 75.96 | 72.003 | 3.766m | | |
| | 6+100 | 75.96 | 71.847 | 3.747m | | |
| | 6+120 | 75.96 | 71.690 | 3.707m | | |
| | 6+140 | 75.96 | 71.534 | 3.666m | | |
| | 6+160 | 75.96 | 71.377 | 3.530m | | |
| | 6+180 | 75.96 | 71.221 | 3.281m | | |
| | 6+200 | 75.96 | 71.065 | 3.030m | | |
| | 6+220 | 75.96 | 70.908 | 2.639m | | |
| | 6+240 | 75.96 | 70.752 | 2.800m | | |
| | 6+260 | 75.96 | 70.595 | 1.625m | | |
| | 6+280 | 75.96 | 70.439 | 1.270m | | |
| | 6+300 | 75.96 | 70.283 | 0.916m | | |
| | 6+320 | 75.96 | 70.128 | 0.564m | | |
| | 6+340 | 75.96 | 69.970 | 0.214m | | |
| | 6+360 | 75.96 | 69.813 | 0.164m | | |
| | 6+380 | 75.96 | 69.656 | 0.111m | | |
| | 6+400 | 75.96 | 69.500 | 0.044m | | |
| | 6+420 | 75.96 | 69.343 | -0.222m | | |
| | 6+440 | 75.96 | 69.286 | -0.607m | | |
| | 6+460 | 75.96 | 69.180 | -1.004m | | |
| | 6+480 | 75.96 | 69.033 | -1.300m | | |
| | 6+500 | 75.96 | 68.909 | -1.498m | | |
| | 6+520 | 75.96 | 68.859 | -1.646m | | |
| | 6+540 | 75.96 | 68.812 | -1.806m | | |
| | 6+560 | 75.96 | 68.769 | -1.720m | | |
| | 6+580 | 75.96 | 68.725 | -1.750m | | |
| | 6+600 | 75.96 | 68.685 | -1.746m | | |
| | 6+620 | 75.96 | 68.658 | -1.754m | | |
| | 6+640 | 75.96 | 68.628 | -1.646m | | |
| | 6+660 | 75.96 | 68.591 | -1.320m | | |
| | 6+680 | 75.96 | 68.559 | -1.090m | | |
| | 6+700 | 75.96 | 68.525 | -0.820m | | |
| | 6+720 | 75.96 | 68.491 | -0.710m | | |
| | 6+740 | 75.96 | 68.457 | -0.680m | | |
| | 6+760 | 75.96 | 68.425 | -0.746m | | |
| | 6+780 | 75.96 | 68.375 | -0.813m | | |
| | 6+800 | 75.96 | 68.325 | -0.880m | | |
| | 6+820 | 75.96 | 68.274 | -0.900m | | |
| | 6+840 | 75.96 | 68.218 | -1.450m | | |
| | 6+860 | 75.96 | 68.173 | -1.865m | | |
| | 6+880 | 75.96 | 68.133 | -2.483m | | |
| | 6+900 | 75.96 | 68.092 | -3.020m | | |
| | 6+920 | 75.96 | 68.072 | -3.453m | | |
| | 6+940 | 75.96 | 68.059 | -3.762m | | |
| | 6+960 | 75.96 | 68.021 | -4.070m | | |
| | 6+980 | 75.96 | 68.021 | -4.391m | | |
| | 7+000 | 75.96 | 68.021 | -4.700m | | |
| | 7+020 | 75.96 | 68.021 | -4.578m | | |
| | 7+040 | 75.96 | 68.021 | -4.200m | | |
| | 7+060 | 75.96 | 68.021 | -4.000m | | |
| | 7+080 | 75.96 | 68.021 | -3.966m | | |
| | 7+100 | 75.96 | 68.021 | -3.864m | | |
| | 7+120 | 75.96 | 68.021 | -3.903m | | |
| | 7+140 | 75.96 | 68.021 | -4.000m | | |
| | 7+160 | 75.96 | 68.021 | -4.270m | | |
| | 7+180 | 75.96 | 68.021 | -4.559m | | |
| | 7+200 | 75.96 | 68.021 | -4.570m | | |
| | 7+220 | 75.96 | 68.021 | -4.207m | | |
| | 7+240 | 75.96 | 68.021 | -3.840m | | |
| | 7+260 | 75.96 | 68.021 | -3.487m | | |
| | 7+280 | 75.96 | 68.021 | -3.443m | | |
| | 7+300 | 75.96 | 68.021 | -3.270m | | |
| | 7+320 | 75.96 | 68.021 | -3.200m | | |
| | 7+340 | 75.96 | 68.021 | -3.270m | | |
| | 7+360 | 75.96 | 68.021 | -3.200m | | |
| | 7+380 | 75.96 | 68.021 | -3.294m | | |
| | 7+400 | 75.96 | 68.021 | -3.550m | | |
| | 7+420 | 75.96 | 68.021 | -3.191m | | |
| | 7+440 | 75.96 | 68.021 | -3.087m | | |
| | 7+460 | 75.96 | 68.021 | -4.213m | | |
| | 7+480 | 75.96 | 68.021 | -4.533m | | |
| | 7+500 | 75.96 | 68.021 | -4.962m | | |
| | 7+520 | 75.96 | 68.021 | -5.402m | | |



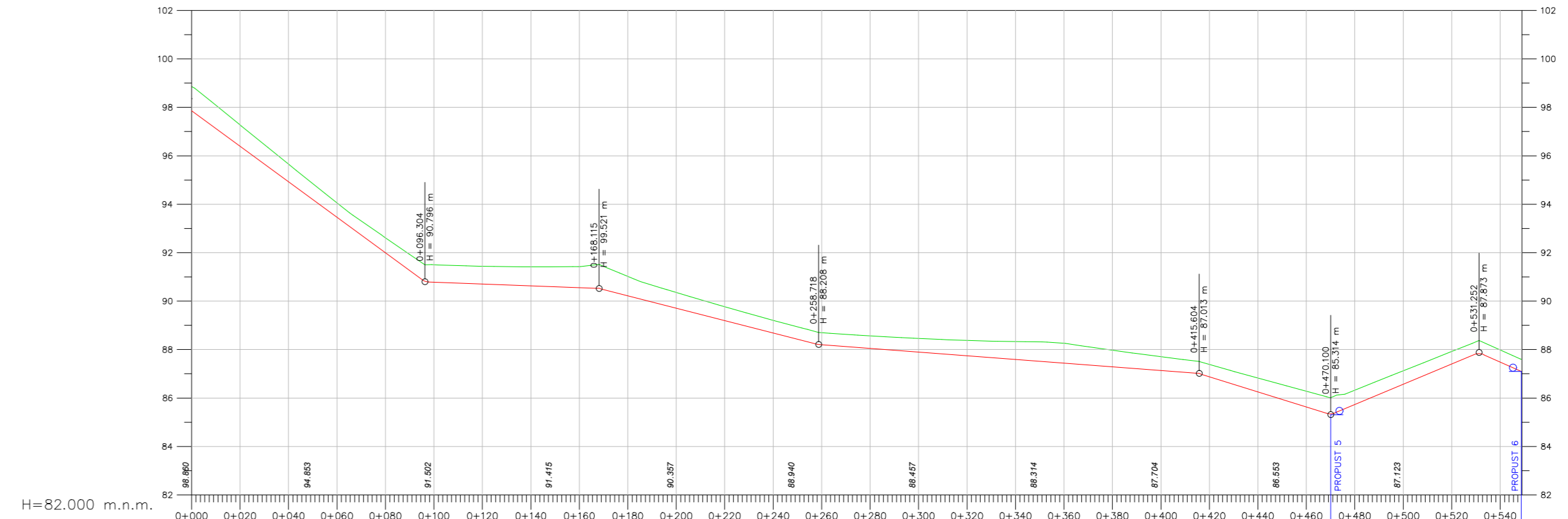
| Vertikalni elementi | L = 676.09m R = 3000m | |
|---------------------|--------------------------|--------|
| Stacionazo | 7+540 | 8+200 |
| Kote nivelete | 71.159 | 75.550 |
| Kote terena | 71.159 | 75.550 |
| Delta Z | 0.000 | 0.000 |
| Tlocrtni elementi | | |
| Schema vitoperenja | | |



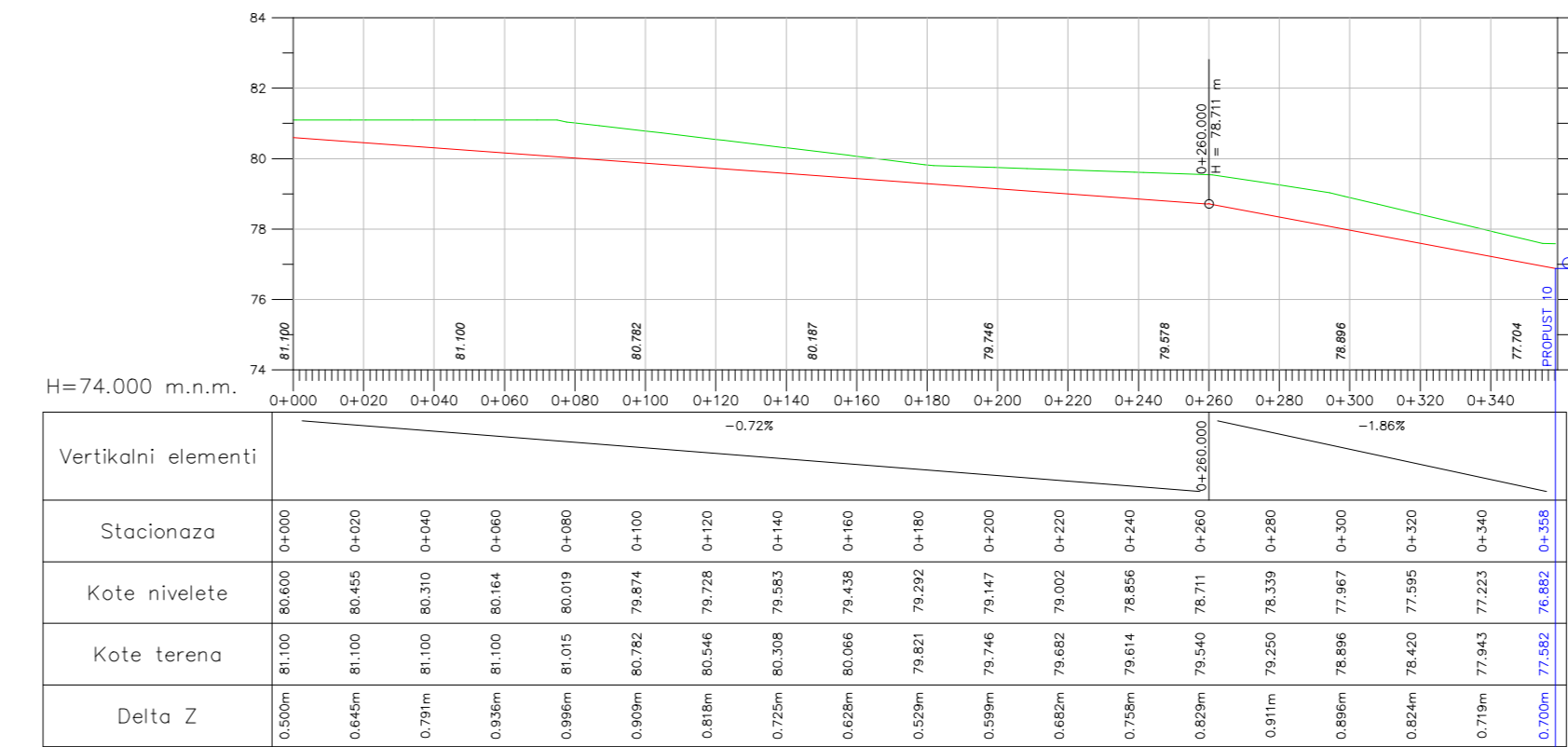
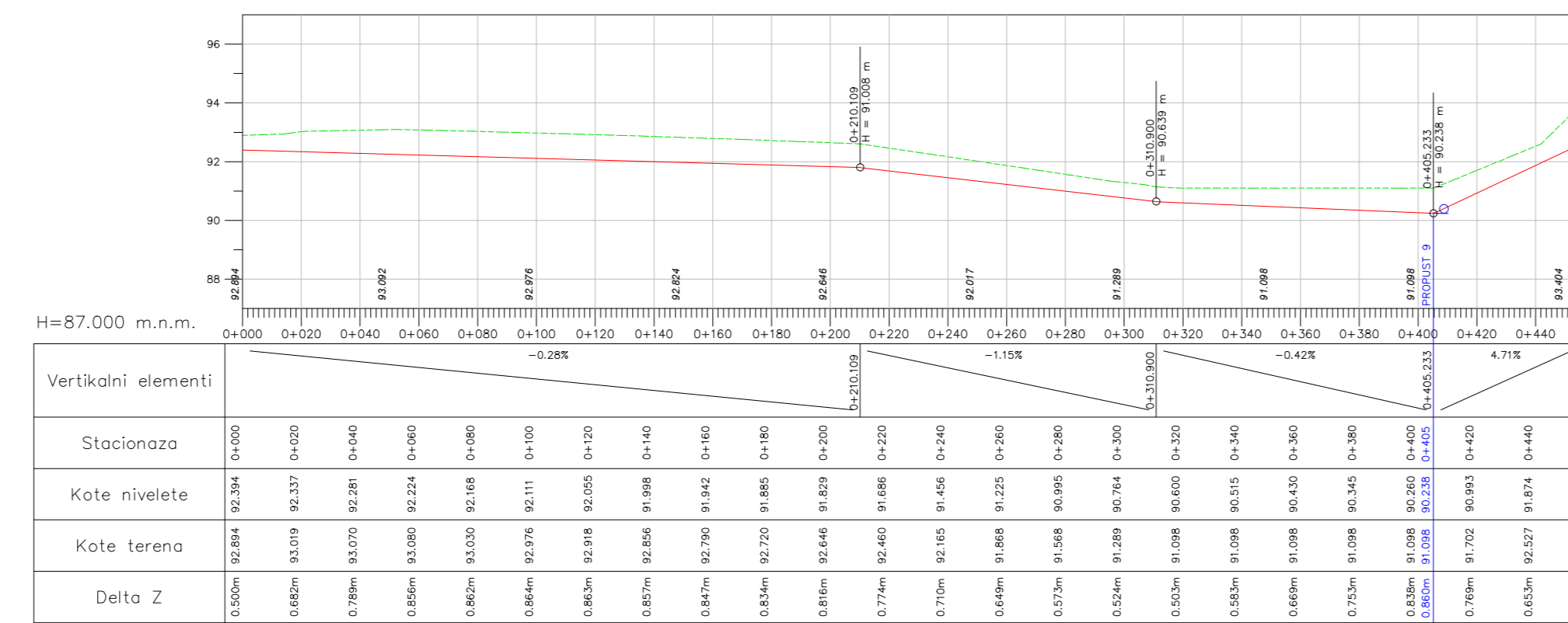
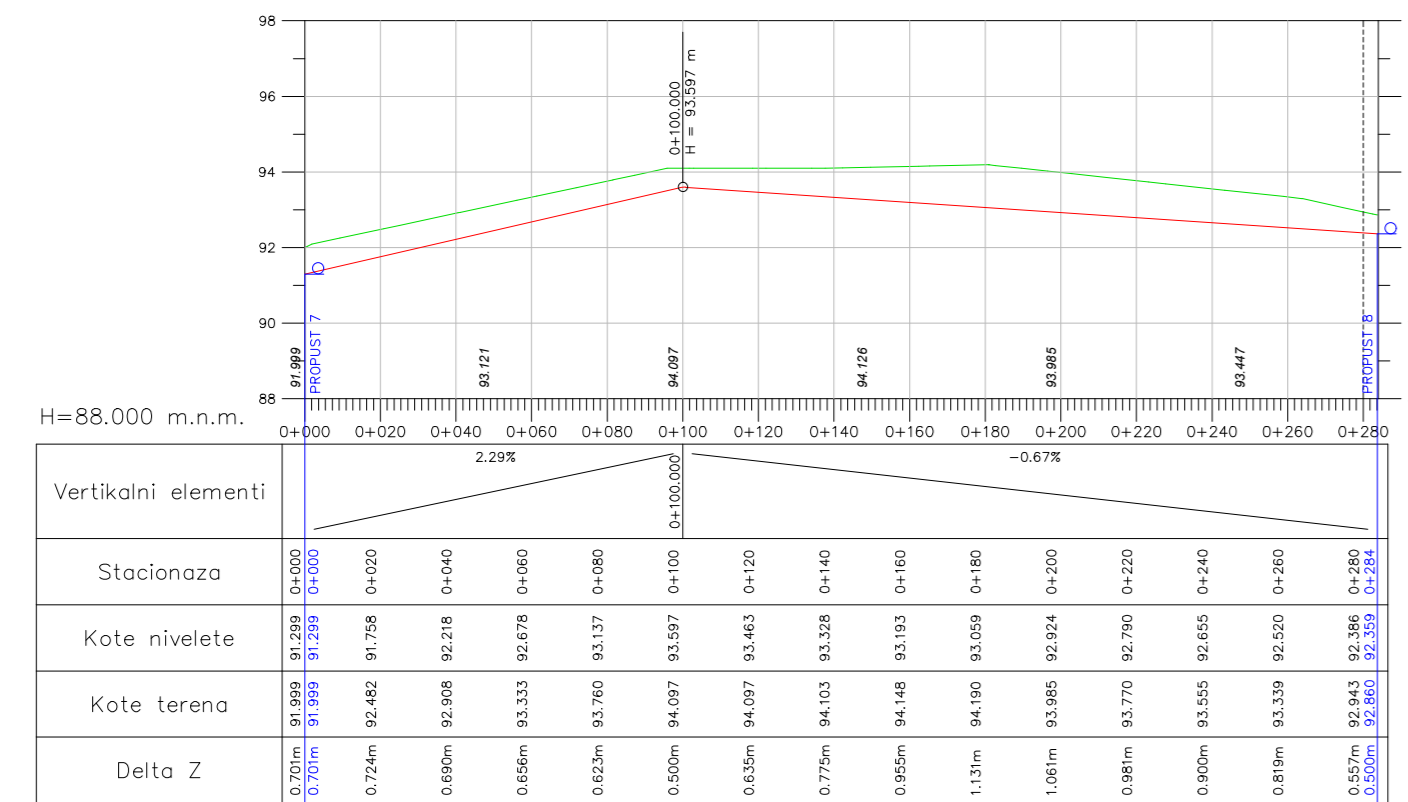
| Vertikalni elementi | Stacionaza | Kote nivelete | Kote terena | Delta Z |
|---------------------|------------|---------------|-------------|---------|
| | 0+000 | 74.575 | 75.074 | 0.500m |
| | 0+020 | 74.871 | 75.413 | 0.541m |
| | 0+040 | 75.168 | 75.751 | 0.583m |
| | 0+060 | 75.465 | 76.146 | 0.681m |
| | 0+080 | 75.762 | 76.453 | 0.690m |
| | 0+100 | 76.059 | 76.758 | 0.699m |
| | 0+120 | 76.354 | 77.064 | 0.710m |
| | 0+140 | 76.651 | 76.821 | 0.709m |
| | 0+160 | 76.950 | 76.518 | 0.709m |
| | 0+180 | 77.250 | 76.216 | 0.710m |
| | 0+200 | 77.554 | 76.094 | 0.732m |
| | 0+220 | 77.862 | 76.458 | 0.810m |
| | 0+240 | 78.172 | 77.068 | 0.847m |
| | 0+260 | 78.485 | 77.492 | 0.971m |
| | 0+280 | 78.800 | 76.509 | 0.971m |
| | 0+300 | 79.117 | 76.709 | 0.971m |
| | 0+320 | 79.436 | 77.470 | 0.971m |
| | 0+340 | 79.757 | 78.083 | 0.971m |
| | 0+360 | 80.080 | 78.697 | 0.971m |
| | 0+380 | 80.405 | 79.312 | 0.971m |
| | 0+400 | 80.732 | 79.927 | 0.971m |
| | 0+420 | 81.061 | 80.542 | 0.971m |
| | 0+440 | 81.392 | 81.157 | 0.971m |
| | 0+460 | 81.724 | 81.772 | 0.971m |
| | 0+480 | 82.057 | 82.387 | 0.971m |
| | 0+500 | 82.392 | 83.002 | 0.971m |
| | 0+520 | 82.728 | 83.617 | 0.971m |
| | 0+540 | 83.065 | 84.232 | 0.971m |
| | 0+560 | 83.402 | 84.847 | 0.971m |
| | 0+580 | 83.740 | 85.462 | 0.971m |
| | 0+600 | 84.078 | 86.077 | 0.971m |
| | 0+620 | 84.416 | 86.692 | 0.971m |
| | 0+640 | 84.754 | 87.307 | 0.971m |
| | 0+660 | 85.092 | 87.922 | 0.971m |
| | 0+680 | 85.430 | 88.537 | 0.971m |
| | 0+700 | 85.768 | 89.152 | 0.971m |

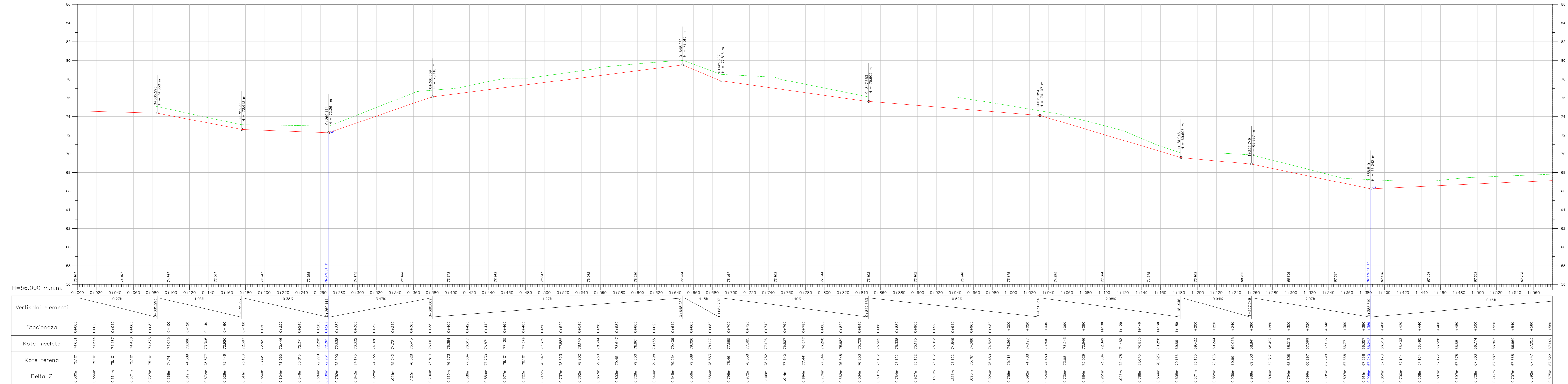


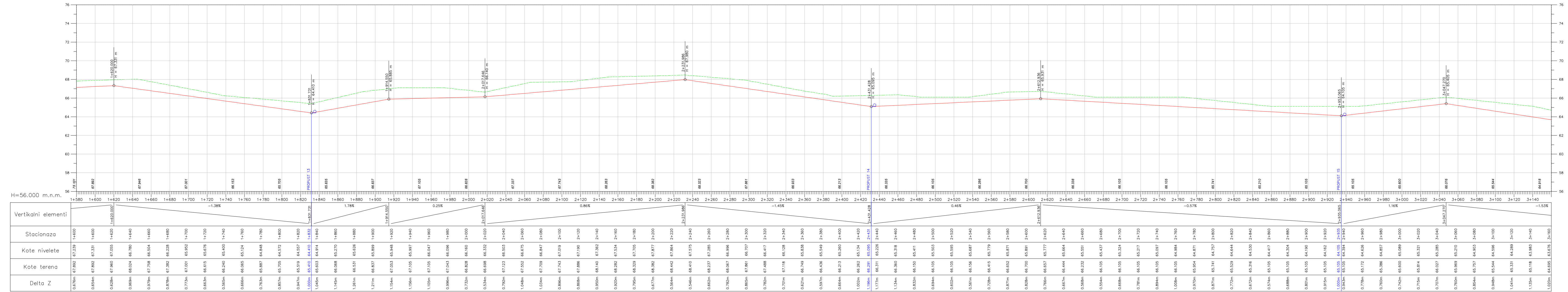
| Vertikalni elementi | Stacionaza | Kote nivelete | Kote terena | Delta Z |
|---------------------|------------|---------------|-------------|---------|
| | 0+000 | 101.609 | 102.309 | 0.700m |
| | 0+020 | 102.007 | 102.844 | 0.737m |
| | 0+040 | 102.405 | 103.348 | 0.744m |
| | 0+060 | 102.803 | 103.771 | 0.673m |
| | 0+080 | 103.201 | 103.225 | 0.572m |
| | 0+100 | 102.623 | 102.623 | 0.785m |
| | 0+120 | 102.021 | 102.021 | 1.022m |
| | 0+140 | 101.419 | 102.535 | 1.122m |
| | 0+160 | 100.817 | 101.579 | 0.762m |
| | 0+180 | 100.214 | 100.772 | 0.557m |
| | 0+200 | 99.612 | 100.120 | 0.508m |
| | 0+220 | 99.010 | 100.477 | 0.500m |

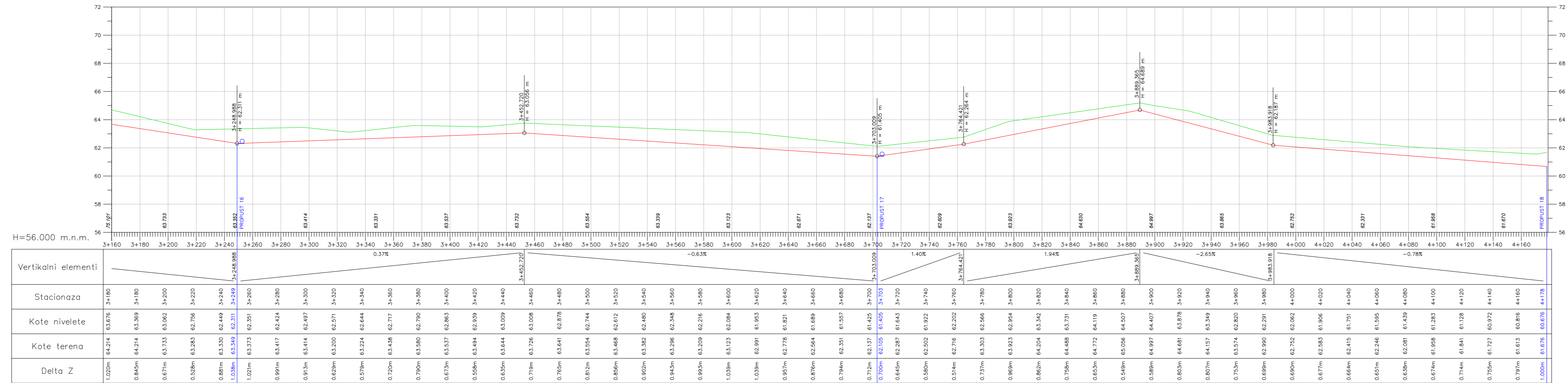


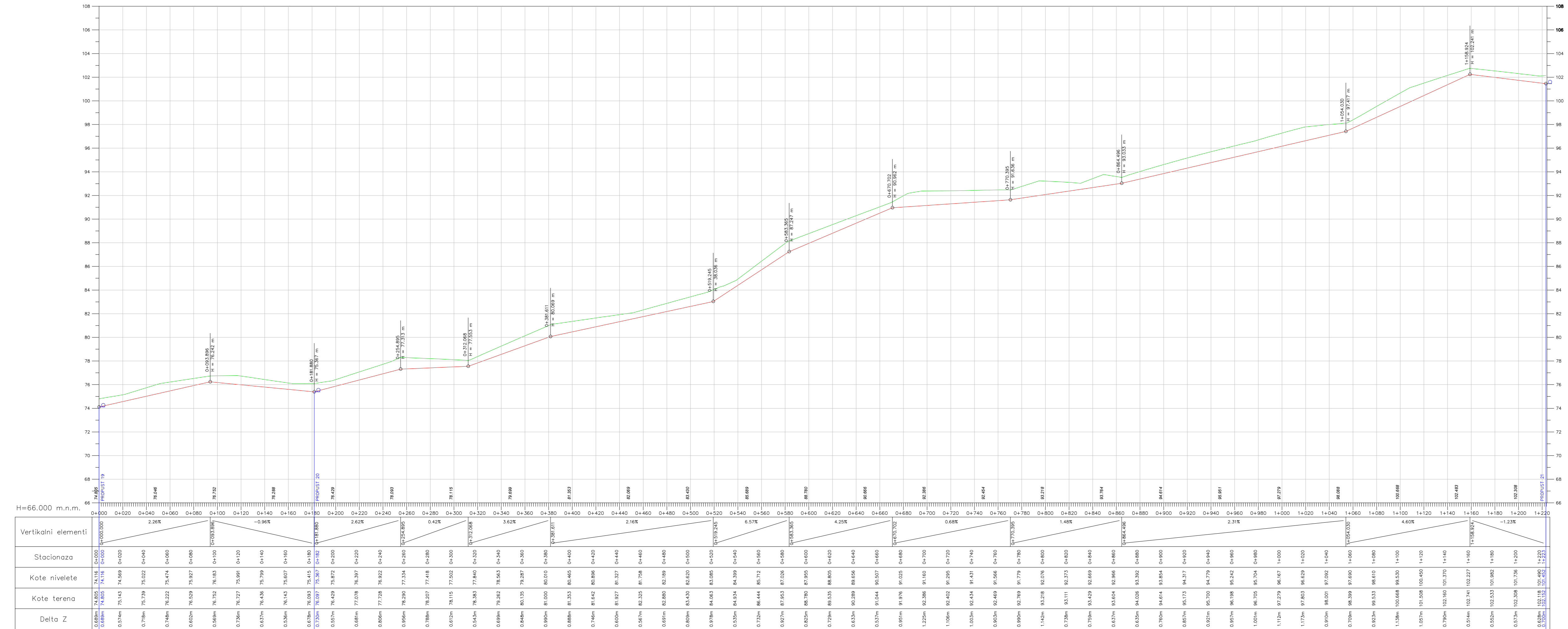
| Vertikalni elementi | Stacionaza | Kote nivelete | Kote terena | Delta Z |
|---------------------|------------|---------------|-------------|---------|
| | 0+000 | 97.890 | 98.860 | 1.000m |
| | 0+020 | 96.393 | 97.271 | 0.833m |
| | 0+040 | 94.926 | 95.655 | 0.729m |
| | 0+060 | 93.459 | 94.054 | 0.594m |
| | 0+080 | 91.992 | 92.615 | 0.623m |
| | 0+100 | 90.782 | 91.502 | 0.720m |
| | 0+120 | 90.705 | 91.438 | 0.732m |
| | 0+140 | 90.629 | 91.414 | 0.785m |
| | 0+160 | 90.552 | 91.426 | 0.874m |
| | 0+180 | 90.217 | 91.021 | 0.804m |
| | 0+200 | 89.707 | 90.357 | 0.651m |
| | 0+220 | 89.196 | 89.797 | 0.571m |
| | 0+240 | 88.686 | 89.207 | 0.521m |
| | 0+260 | 88.198 | 88.699 | 0.501m |
| | 0+280 | 88.046 | 88.595 | 0.515m |
| | 0+300 | 87.694 | 88.457 | 0.563m |
| | 0+320 | 87.741 | 88.378 | 0.636m |
| | 0+340 | 87.589 | 88.329 | 0.740m |
| | 0+360 | 87.437 | 88.263 | 0.826m |
| | 0+380 | 87.285 | 87.973 | 0.688m |
| | 0+400 | 87.133 | 87.704 | 0.572m |
| | 0+420 | 86.980 | 87.388 | 0.504m |
| | 0+440 | 86.755 | 86.828 | 0.573m |
| | 0+460 | 86.530 | 86.282 | 0.622m |
| | 0+480 | 86.314 | 85.728 | 0.592m |
| | 0+500 | 86.105 | 85.165 | 0.539m |
| | 0+520 | 85.903 | 84.603 | 0.532m |
| | 0+540 | 85.708 | 84.041 | 0.500m |

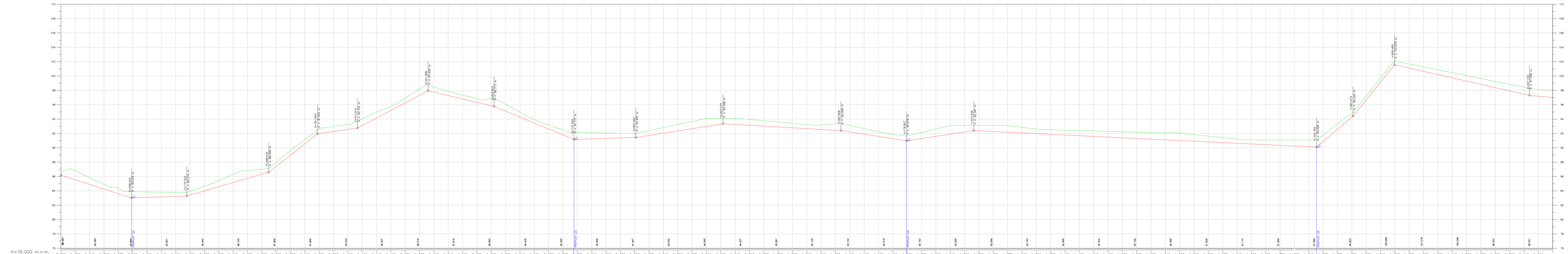






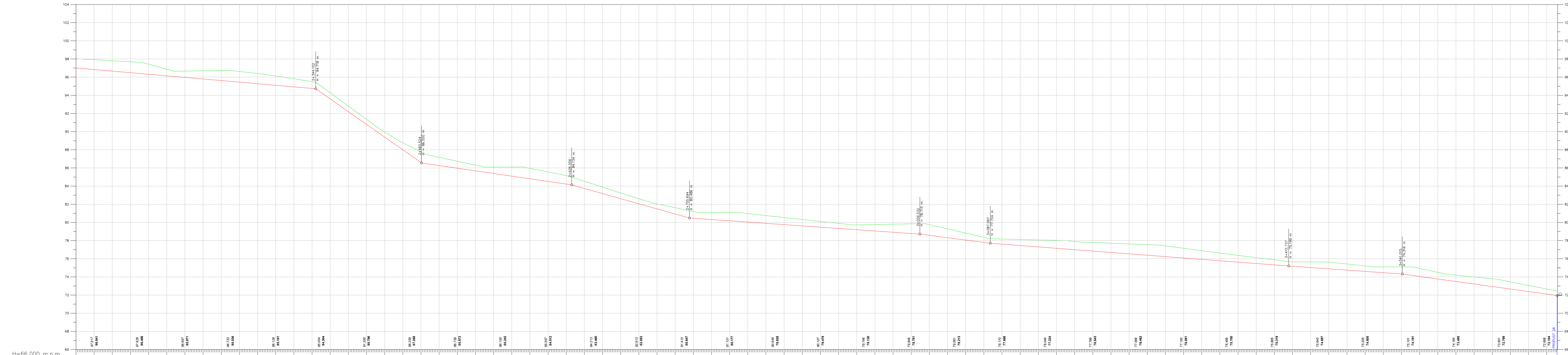






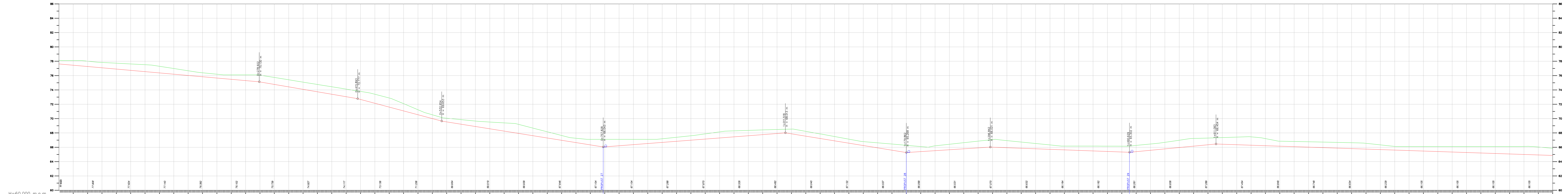
| Vertikalni elementi | Stacionaza | Kote nivele | Kote terena | Delta Z |
|---------------------|------------|-------------|-------------|---------|
| 0+000 | 86.181 | 86.181 | 86.181 | 0.000 |
| 0+020 | 85.538 | 85.538 | 85.538 | 1.24m |
| 0+040 | 84.884 | 84.884 | 84.884 | 0.953m |
| 0+060 | 84.250 | 84.250 | 84.250 | 0.659m |
| 0+080 | 83.608 | 83.608 | 83.608 | 0.752m |
| 0+100 | 83.019 | 83.019 | 83.019 | 0.975m |
| 0+120 | 83.091 | 83.091 | 83.091 | 0.750m |
| 0+140 | 83.157 | 83.157 | 83.157 | 0.659m |
| 0+160 | 83.223 | 83.223 | 83.223 | 0.566m |
| 0+180 | 83.405 | 83.405 | 83.405 | 0.529m |
| 0+200 | 83.987 | 83.987 | 83.987 | 0.653m |
| 0+220 | 84.559 | 84.559 | 84.559 | 0.850m |
| 0+240 | 85.131 | 85.131 | 85.131 | 1.164m |
| 0+260 | 85.734 | 85.734 | 85.734 | 1.099m |
| 0+280 | 86.316 | 86.316 | 86.316 | 0.699m |
| 0+300 | 87.413 | 87.413 | 87.413 | 0.559m |
| 0+320 | 88.996 | 88.996 | 88.996 | 0.639m |
| 0+340 | 90.590 | 90.590 | 90.590 | 0.559m |
| 0+360 | 91.977 | 91.977 | 91.977 | 0.659m |
| 0+380 | 92.296 | 92.296 | 92.296 | 0.699m |
| 0+400 | 92.555 | 92.555 | 92.555 | 0.699m |
| 0+420 | 93.090 | 93.090 | 93.090 | 0.969m |
| 0+440 | 94.119 | 94.119 | 94.119 | 0.799m |
| 0+460 | 95.207 | 95.207 | 95.207 | 0.520m |
| 0+480 | 96.266 | 96.266 | 96.266 | 0.653m |
| 0+500 | 97.325 | 97.325 | 97.325 | 0.891m |
| 0+520 | 97.762 | 97.762 | 97.762 | 0.703m |
| 0+540 | 97.289 | 97.289 | 97.289 | 0.600m |
| 0+560 | 96.813 | 96.813 | 96.813 | 0.537m |
| 0+580 | 96.338 | 96.338 | 96.338 | 0.519m |
| 0+600 | 95.864 | 95.864 | 95.864 | 1.027m |
| 0+620 | 95.106 | 95.106 | 95.106 | 0.969m |
| 0+640 | 94.281 | 94.281 | 94.281 | 0.689m |
| 0+660 | 93.457 | 93.457 | 93.457 | 0.469m |
| 0+680 | 92.632 | 92.632 | 92.632 | 0.532m |
| 0+700 | 91.808 | 91.808 | 91.808 | 0.689m |
| 0+720 | 91.137 | 91.137 | 91.137 | 0.646m |
| 0+740 | 91.252 | 91.252 | 91.252 | 0.846m |
| 0+760 | 91.866 | 91.866 | 91.866 | 0.789m |
| 0+780 | 92.674 | 92.674 | 92.674 | 0.546m |
| 0+800 | 93.271 | 93.271 | 93.271 | 0.609m |
| 0+820 | 92.443 | 92.443 | 92.443 | 0.922m |
| 0+840 | 92.207 | 92.207 | 92.207 | 0.927m |
| 0+860 | 91.866 | 91.866 | 91.866 | 0.789m |
| 0+880 | 91.584 | 91.584 | 91.584 | 0.659m |
| 0+900 | 91.273 | 91.273 | 91.273 | 0.602m |
| 0+920 | 91.432 | 91.432 | 91.432 | 0.519m |
| 0+940 | 91.727 | 91.727 | 91.727 | 0.674m |
| 0+960 | 92.042 | 92.042 | 92.042 | 0.777m |
| 0+980 | 92.356 | 92.356 | 92.356 | 0.896m |
| 1+000 | 92.667 | 92.667 | 92.667 | 0.996m |
| 1+020 | 92.965 | 92.965 | 92.965 | 1.109m |
| 1+040 | 93.200 | 93.200 | 93.200 | 0.797m |
| 1+060 | 93.251 | 93.251 | 93.251 | 0.847m |
| 1+080 | 93.135 | 93.135 | 93.135 | 0.806m |
| 1+100 | 93.000 | 93.000 | 93.000 | 0.746m |
| 1+120 | 92.805 | 92.805 | 92.805 | 0.686m |
| 1+140 | 92.559 | 92.559 | 92.559 | 0.650m |
| 1+160 | 92.269 | 92.269 | 92.269 | 0.609m |
| 1+180 | 91.932 | 91.932 | 91.932 | 0.922m |
| 1+200 | 91.571 | 91.571 | 91.571 | 0.927m |
| 1+220 | 91.225 | 91.225 | 91.225 | 1.034m |
| 1+240 | 90.897 | 90.897 | 90.897 | 1.200m |
| 1+260 | 90.598 | 90.598 | 90.598 | 0.900m |
| 1+280 | 90.248 | 90.248 | 90.248 | 0.599m |
| 1+300 | 90.260 | 90.260 | 90.260 | 0.837m |
| 1+320 | 90.164 | 90.164 | 90.164 | 0.933m |
| 1+340 | 90.068 | 90.068 | 90.068 | 0.799m |
| 1+360 | 90.073 | 90.073 | 90.073 | 0.644m |
| 1+380 | 90.071 | 90.071 | 90.071 | 0.639m |
| 1+400 | 90.066 | 90.066 | 90.066 | 0.689m |
| 1+420 | 90.065 | 90.065 | 90.065 | 0.729m |
| 1+440 | 90.064 | 90.064 | 90.064 | 0.769m |
| 1+460 | 90.063 | 90.063 | 90.063 | 0.809m |
| 1+480 | 90.062 | 90.062 | 90.062 | 0.859m |
| 1+500 | 90.061 | 90.061 | 90.061 | 0.899m |
| 1+520 | 90.060 | 90.060 | 90.060 | 1.000m |
| 1+540 | 90.059 | 90.059 | 90.059 | 0.919m |
| 1+560 | 90.058 | 90.058 | 90.058 | 0.807m |
| 1+580 | 90.057 | 90.057 | 90.057 | 0.696m |
| 1+600 | 90.056 | 90.056 | 90.056 | 0.587m |
| 1+620 | 90.055 | 90.055 | 90.055 | 0.569m |
| 1+640 | 90.054 | 90.054 | 90.054 | 0.660m |
| 1+660 | 90.053 | 90.053 | 90.053 | 0.759m |
| 1+680 | 90.052 | 90.052 | 90.052 | 0.852m |
| 1+700 | 90.051 | 90.051 | 90.051 | 0.946m |
| 1+720 | 90.050 | 90.050 | 90.050 | 1.050m |
| 1+740 | 90.049 | 90.049 | 90.049 | 0.904m |
| 1+760 | 90.048 | 90.048 | 90.048 | 0.712m |
| 1+780 | 90.047 | 90.047 | 90.047 | 0.517m |
| 1+800 | 90.046 | 90.046 | 90.046 | 0.529m |
| 1+820 | 90.045 | 90.045 | 90.045 | 0.553m |
| 1+840 | 90.044 | 90.044 | 90.044 | 0.510m |
| 1+860 | 90.043 | 90.043 | 90.043 | 0.573m |
| 1+880 | 90.042 | 90.042 | 90.042 | 0.629m |
| 1+900 | 90.041 | 90.041 | 90.041 | 0.679m |
| 1+920 | 90.040 | 90.040 | 90.040 | 0.727m |
| 1+940 | 90.039 | 90.039 | 90.039 | 0.779m |
| 1+960 | 90.038 | 90.038 | 90.038 | 0.829m |
| 1+980 | 90.037 | 90.037 | 90.037 | 0.873m |
| 2+000 | 90.036 | 90.036 | 90.036 | 0.919m |
| 2+020 | 90.035 | 90.035 | 90.035 | 0.964m |
| 2+040 | 90.034 | 90.034 | 90.034 | 0.943m |
| 2+050 | 90.033 | 90.033 | 90.033 | 1.011m |

GRAĐEVINSKI FAKULTET SVEUČILIŠTA U ZAGREBU
DIPLOMSKI RAD
 Prilog: Jarak ZL [varijanta 1]
 0+000.000 - 2+080.000
 Mjerilo: 1:2000/200
 Br.pr.: 7.7.
 Izradila: Petra Kipa, 0082058844
 Predano: rujan 2023.
 Rok pred.: rujan 2023.
 Mentor:
 Izv. prof. dr. sc. Ivica Stančerić

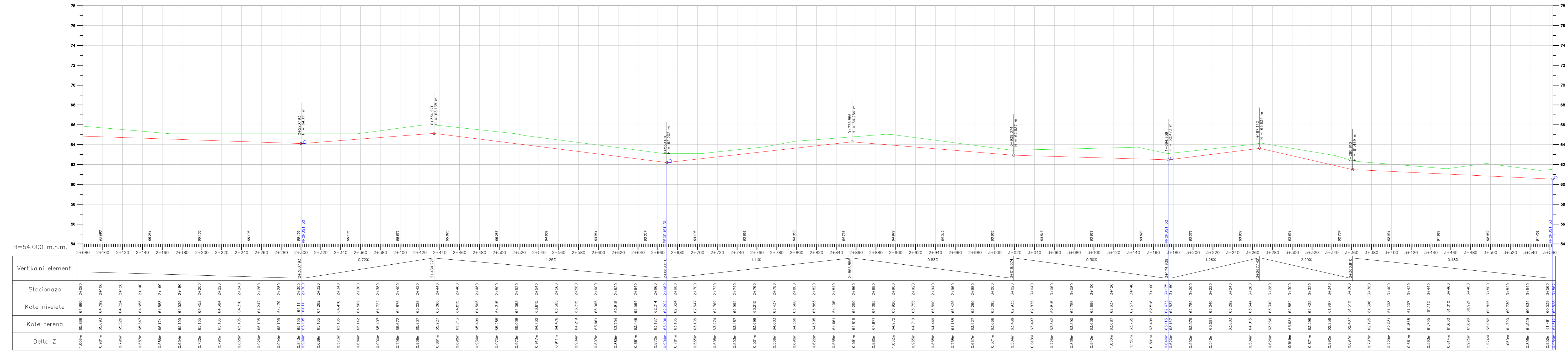


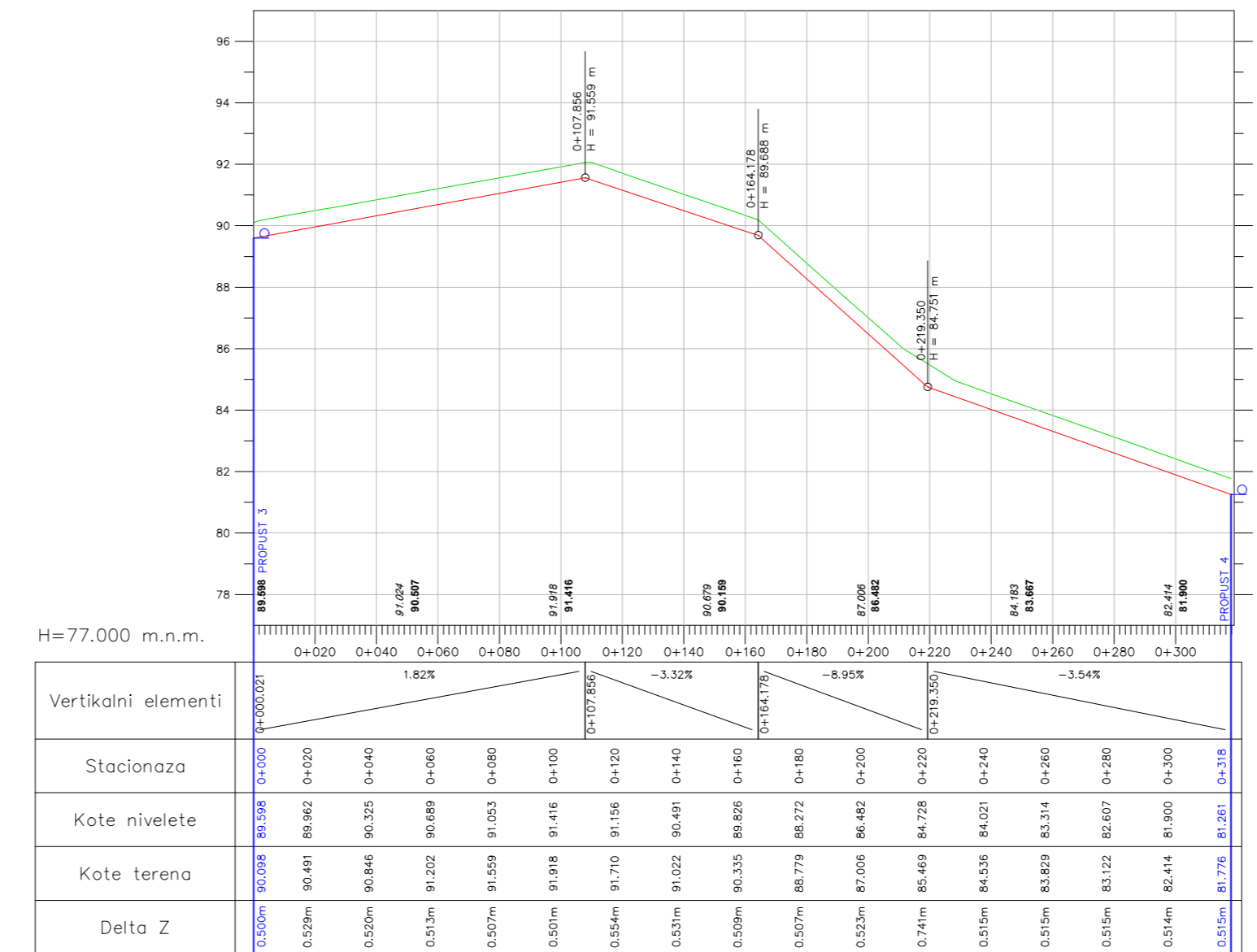
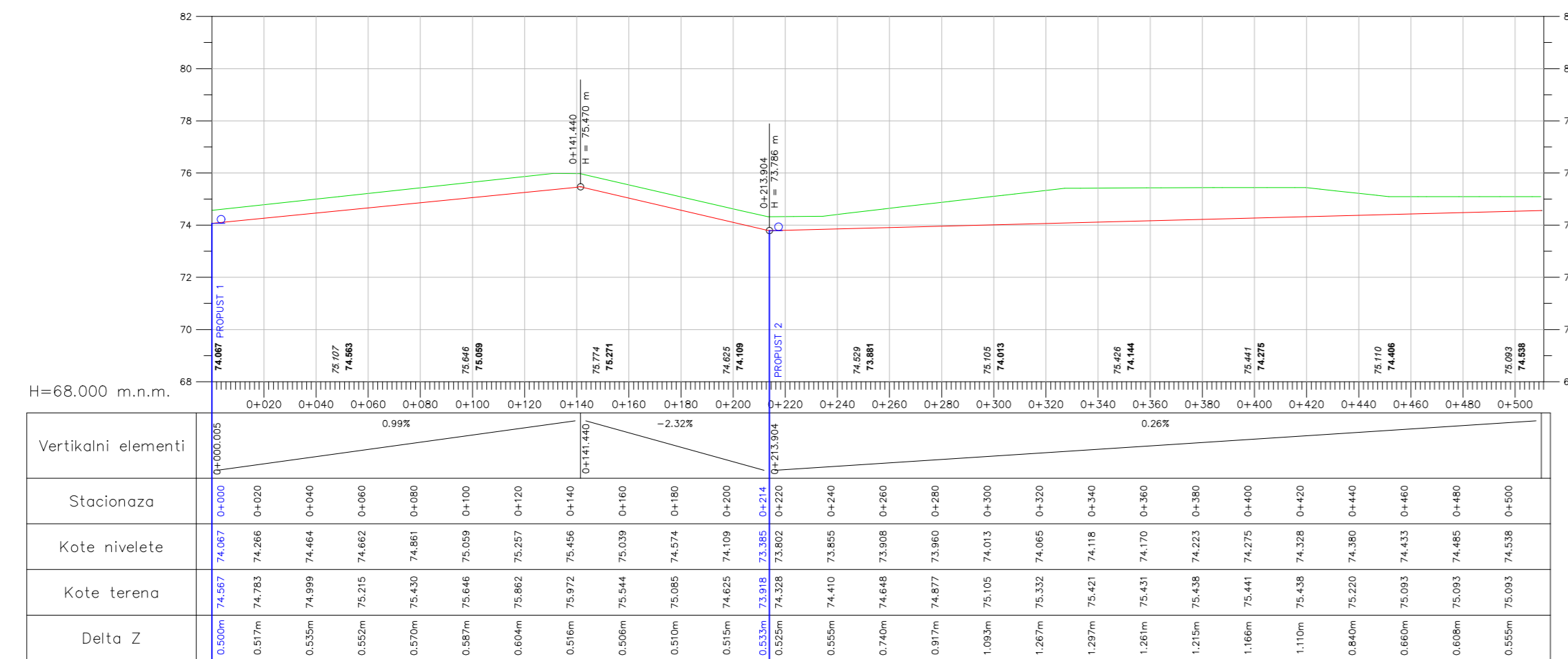
| Vertikalni elementi | Stacionaza | Kote nivelete | Kote terena | Delta Z |
|---------------------|------------|---------------|-------------|---------|
| | 2+080 | | 67.917 | 1.076m |
| | 2+100 | 96.841 | 96.841 | 1.137m |
| | 2+120 | | 97.884 | 1.195m |
| | 2+140 | | 97.688 | 1.111m |
| | 2+160 | | 97.430 | 1.056m |
| | 2+180 | | 96.976 | 0.907m |
| | 2+200 | | 96.667 | 1.109m |
| | 2+220 | | 96.704 | 1.179m |
| | 2+240 | | 96.733 | 1.134m |
| | 2+260 | | 96.628 | 1.027m |
| | 2+280 | | 96.409 | 0.896m |
| | 2+300 | | 96.128 | 0.751m |
| | 2+320 | | 95.813 | 0.674m |
| | 2+340 | | 94.828 | 0.617m |
| | 2+343.102 | | | |
| | 2+360 | | 94.276 | 0.617m |
| | 2+380 | | 93.603 | 0.554m |
| | 2+400 | | 92.817 | 0.566m |
| | 2+420 | | 92.199 | 0.775m |
| | 2+440 | | 91.350 | 1.166m |
| | 2+460 | | 90.796 | 0.904m |
| | 2+480 | | 90.393 | 0.804m |
| | 2+500 | | 89.959 | 0.765m |
| | 2+520 | | 89.394 | 0.628m |
| | 2+540 | | 88.753 | 0.725m |
| | 2+560 | | 88.057 | 1.044m |
| | 2+580 | | 87.265 | 0.929m |
| | 2+600 | | 86.388 | 0.795m |
| | 2+620 | | 85.436 | 0.709m |
| | 2+640 | | 84.512 | 0.622m |
| | 2+660 | | 83.588 | 0.559m |
| | 2+680 | | 82.616 | 0.547m |
| | 2+700 | | 81.613 | 0.693m |
| | 2+720 | | 80.588 | 0.738m |
| | 2+740 | | 79.479 | 0.784m |
| | 2+760 | | 78.317 | 0.923m |
| | 2+780 | | 77.001 | 0.932m |
| | 2+800 | | 65.038 | 0.856m |
| | 2+820 | | 60.038 | 0.780m |
| | 2+840 | | 55.038 | 0.704m |
| | 2+860 | | 50.038 | 0.628m |
| | 2+880 | | 45.038 | 0.552m |
| | 2+900 | | 40.038 | 0.528m |
| | 2+920 | | 35.038 | 0.705m |
| | 2+940 | | 30.038 | 0.884m |
| | 2+960 | | 25.038 | 1.065m |
| | 2+980 | | 20.038 | 1.170m |
| | 3+000 | | 15.038 | 0.956m |
| | 3+020 | | 10.038 | 0.740m |
| | 3+040 | | 5.038 | 0.524m |
| | 3+060 | | 0.038 | 0.564m |
| | 3+080 | | -5.038 | 0.667m |
| | 3+100 | | -10.038 | 0.700m |
| | 3+120 | | -15.038 | 0.879m |
| | 3+140 | | -20.038 | 0.885m |
| | 3+160 | | -25.038 | 0.843m |
| | 3+180 | | -30.038 | 1.014m |
| | 3+200 | | -35.038 | 1.088m |
| | 3+220 | | -40.038 | 1.166m |
| | 3+240 | | -45.038 | 1.188m |
| | 3+260 | | -50.038 | 1.079m |
| | 3+280 | | -55.038 | 0.957m |
| | 3+300 | | -60.038 | 0.850m |
| | 3+320 | | -65.038 | 0.750m |
| | 3+340 | | -70.038 | 0.655m |
| | 3+360 | | -75.038 | 0.566m |
| | 3+380 | | -80.038 | 0.491m |
| | 3+400 | | -85.038 | 0.621m |
| | 3+420 | | -90.038 | 0.750m |
| | 3+440 | | -95.038 | 0.675m |
| | 3+460 | | -100.038 | 0.600m |
| | 3+480 | | -105.038 | 0.637m |
| | 3+500 | | -110.038 | 0.779m |
| | 3+520 | | -115.038 | 0.883m |
| | 3+540 | | -120.038 | 0.730m |
| | 3+560 | | -125.038 | 0.688m |
| | 3+580 | | -130.038 | 0.772m |
| | 3+600 | | -135.038 | 0.859m |
| | 3+620 | | -140.038 | 0.792m |
| | 3+640 | | -145.038 | 0.676m |
| | 3+660 | | -150.038 | 0.583m |
| | 3+680 | | -155.038 | 0.500m |
| | 3+700 | | -160.038 | 0.500m |

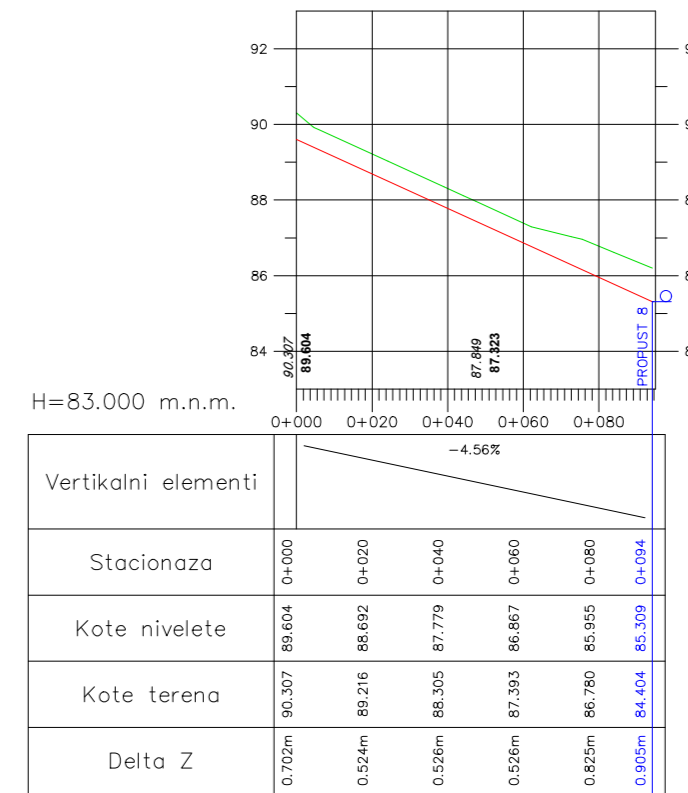
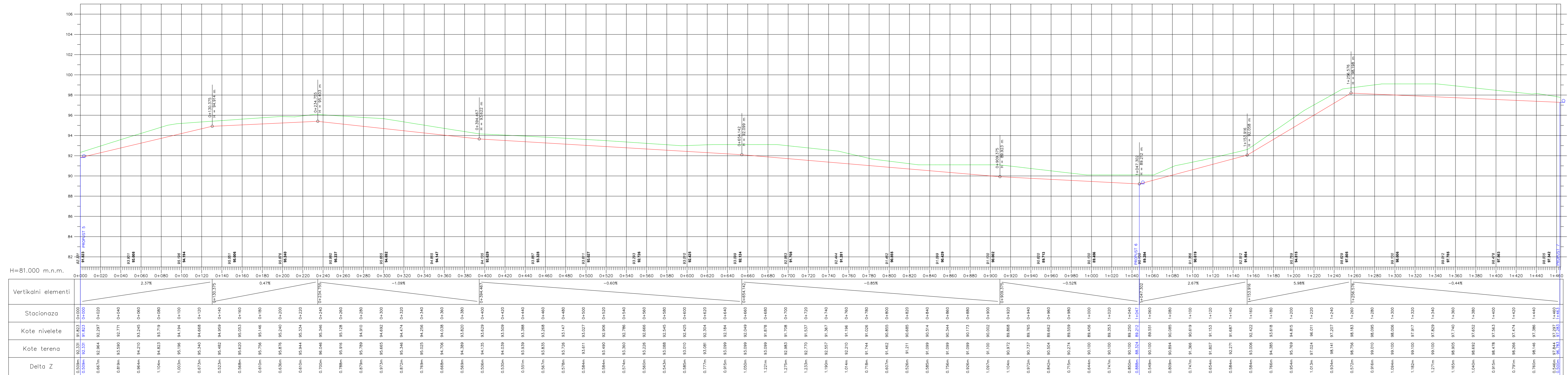
GRAĐEVINSKI FAKULTET SVEUČILIŠTA U ZAGREBU
DIPLOMSKI RAD
 Prilog: Jarak 2L (Ivarijanta 1) 2+080.000 - 3+711.410
 Mjerilo: 1:2000/200 Br.pr.: 7.8
 Predano: rujan 2023.
 Rok pred.: rujan 2023.
 Mentor: Izv. prof. dr. sc. Ivica Stančerić

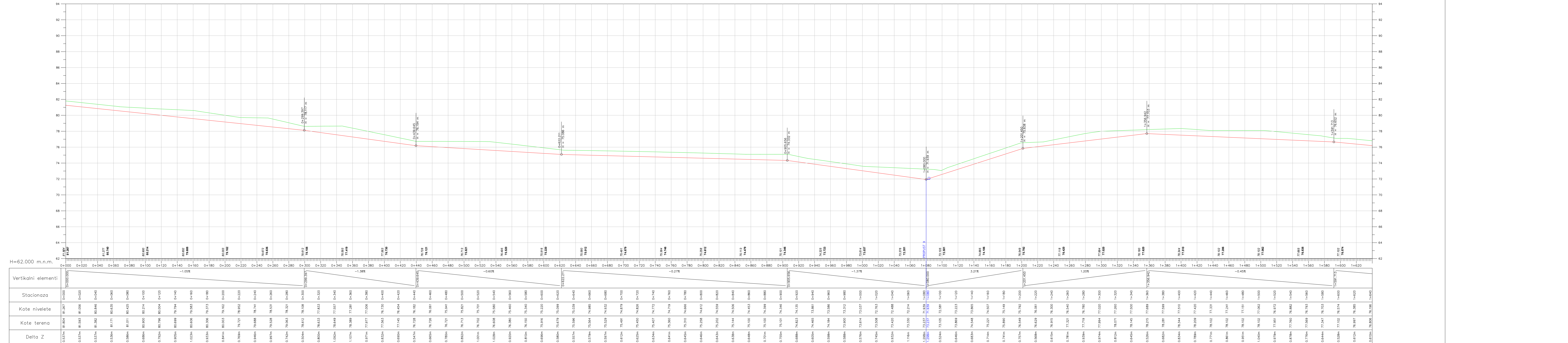


| Vertikalni elementi | Stacionaza | Kote nivelete | Kote terena | Delta Z |
|---------------------|------------|---------------|-------------|---------|
| | 0+000 | 77.823 | 76.123 | 0.500m |
| | 0+020 | 77.445 | 76.102 | 0.657m |
| | 0+040 | 77.267 | 76.010 | 0.743m |
| | 0+060 | 77.088 | 77.832 | 0.744m |
| | 0+080 | 76.899 | 77.729 | 0.820m |
| | 0+100 | 76.735 | 77.624 | 0.893m |
| | 0+120 | 76.592 | 77.515 | 0.964m |
| | 0+140 | 76.477 | 77.399 | 0.926m |
| | 0+160 | 76.392 | 76.987 | 0.793m |
| | 0+180 | 76.315 | 76.673 | 0.658m |
| | 0+200 | 76.257 | 76.392 | 0.550m |
| | 0+220 | 76.208 | 76.103 | 0.530m |
| | 0+240 | 76.169 | 76.102 | 0.623m |
| | 0+260 | 76.130 | 76.103 | 0.802m |
| | 0+280 | 76.091 | 76.063 | 0.848m |
| | 0+300 | 76.052 | 75.739 | 0.868m |
| | 0+320 | 76.013 | 74.426 | 0.888m |
| | 0+340 | 75.974 | 75.089 | 1.007m |
| | 0+360 | 75.935 | 74.764 | 1.026m |
| | 0+380 | 75.896 | 74.440 | 1.045m |
| | 0+400 | 75.857 | 74.117 | 1.064m |
| | 0+420 | 75.818 | 73.793 | 1.124m |
| | 0+440 | 75.779 | 73.396 | 1.261m |
| | 0+460 | 75.740 | 72.976 | 1.274m |
| | 0+480 | 75.701 | 72.589 | 1.020m |
| | 0+500 | 75.662 | 72.208 | 0.703m |
| | 0+520 | 75.623 | 71.835 | 0.530m |
| | 0+540 | 75.584 | 71.461 | 0.511m |
| | 0+560 | 75.545 | 71.086 | 0.630m |
| | 0+580 | 75.506 | 70.709 | 0.760m |
| | 0+600 | 75.467 | 70.329 | 0.844m |
| | 0+620 | 75.428 | 69.946 | 1.143m |
| | 0+640 | 75.389 | 69.561 | 1.260m |
| | 0+660 | 75.350 | 69.176 | 1.050m |
| | 0+680 | 75.311 | 68.791 | 0.868m |
| | 0+700 | 75.272 | 68.406 | 0.673m |
| | 0+720 | 75.233 | 68.021 | 0.609m |
| | 0+740 | 75.194 | 67.636 | 0.773m |
| | 0+760 | 75.155 | 67.251 | 1.046m |
| | 0+780 | 75.116 | 66.866 | 0.889m |
| | 0+800 | 75.077 | 66.481 | 0.734m |
| | 0+820 | 75.038 | 66.096 | 0.579m |
| | 0+840 | 74.999 | 65.711 | 0.503m |
| | 0+860 | 74.960 | 65.326 | 0.557m |
| | 0+880 | 74.921 | 64.941 | 0.602m |
| | 0+900 | 74.882 | 64.556 | 0.724m |
| | 0+920 | 74.843 | 64.171 | 0.846m |
| | 0+940 | 74.804 | 63.786 | 0.837m |
| | 0+960 | 74.765 | 63.401 | 0.747m |
| | 0+980 | 74.726 | 63.016 | 0.656m |
| | 1+000 | 74.687 | 62.631 | 0.560m |
| | 1+020 | 74.648 | 62.246 | 0.663m |
| | 1+040 | 74.609 | 61.861 | 0.674m |
| | 1+060 | 74.570 | 61.476 | 0.630m |
| | 1+080 | 74.531 | 61.091 | 0.586m |
| | 1+100 | 74.492 | 60.706 | 0.540m |
| | 1+120 | 74.453 | 60.321 | 0.703m |
| | 1+140 | 74.414 | 59.936 | 0.838m |
| | 1+160 | 74.375 | 59.551 | 1.009m |
| | 1+180 | 74.336 | 59.166 | 1.009m |
| | 1+200 | 74.297 | 58.781 | 0.702m |
| | 1+220 | 74.258 | 58.396 | 0.682m |
| | 1+240 | 74.219 | 58.011 | 0.769m |
| | 1+260 | 74.180 | 57.626 | 0.586m |
| | 1+280 | 74.141 | 57.241 | 0.943m |
| | 1+300 | 74.102 | 56.856 | 1.081m |
| | 1+320 | 74.063 | 56.471 | 0.990m |
| | 1+340 | 74.024 | 56.086 | 0.870m |
| | 1+360 | 73.985 | 55.701 | 0.744m |
| | 1+380 | 73.946 | 55.316 | 0.615m |
| | 1+400 | 73.907 | 54.931 | 0.586m |
| | 1+420 | 73.868 | 54.546 | 0.601m |
| | 1+440 | 73.829 | 54.161 | 0.674m |
| | 1+460 | 73.790 | 53.776 | 0.743m |
| | 1+480 | 73.751 | 53.391 | 0.810m |
| | 1+500 | 73.712 | 53.006 | 0.870m |
| | 1+520 | 73.673 | 52.621 | 0.870m |
| | 1+540 | 73.634 | 52.236 | 0.916m |
| | 1+560 | 73.595 | 51.851 | 1.020m |
| | 1+580 | 73.556 | 51.466 | 1.079m |
| | 1+600 | 73.517 | 51.081 | 0.942m |
| | 1+620 | 73.478 | 50.696 | 0.927m |
| | 1+640 | 73.439 | 50.311 | 1.063m |
| | 1+660 | 73.400 | 49.926 | 1.185m |
| | 1+680 | 73.361 | 49.541 | 0.990m |
| | 1+700 | 73.322 | 49.156 | 0.692m |
| | 1+720 | 73.283 | 48.771 | 0.727m |
| | 1+740 | 73.244 | 48.386 | 0.753m |
| | 1+760 | 73.205 | 48.001 | 0.778m |
| | 1+780 | 73.166 | 47.616 | 0.803m |
| | 1+800 | 73.127 | 47.231 | 0.828m |
| | 1+820 | 73.088 | 46.846 | 0.806m |
| | 1+840 | 73.049 | 46.461 | 0.660m |
| | 1+860 | 73.010 | 46.076 | 0.514m |
| | 1+880 | 72.971 | 45.691 | 0.260m |
| | 1+900 | 72.932 | 45.306 | 0.633m |
| | 1+920 | 72.893 | 44.921 | 0.701m |
| | 1+940 | 72.854 | 44.536 | 0.769m |
| | 1+960 | 72.815 | 44.151 | 0.837m |
| | 1+980 | 72.776 | 43.766 | 0.806m |
| | 2+000 | 72.737 | 43.381 | 0.973m |
| | 2+020 | 72.698 | 42.996 | 1.041m |
| | 2+040 | 72.659 | 42.611 | 1.118m |
| | 2+060 | 72.620 | 42.226 | 1.110m |
| | | | 41.841 | 1.005m |

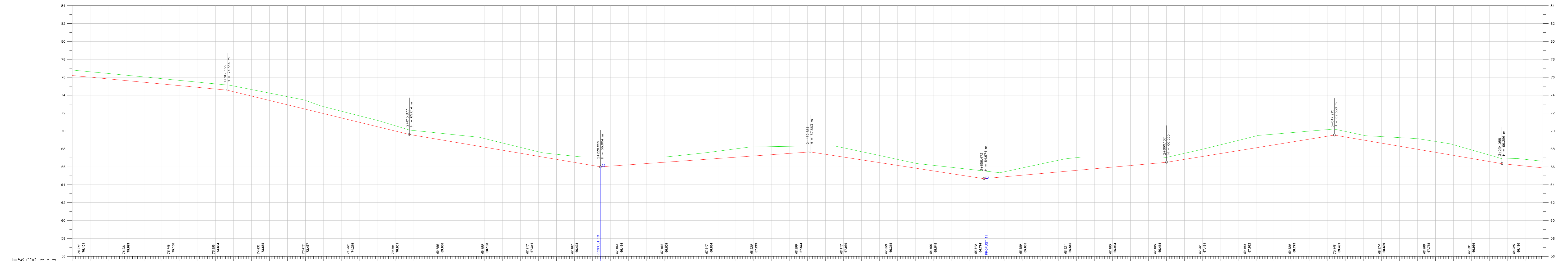




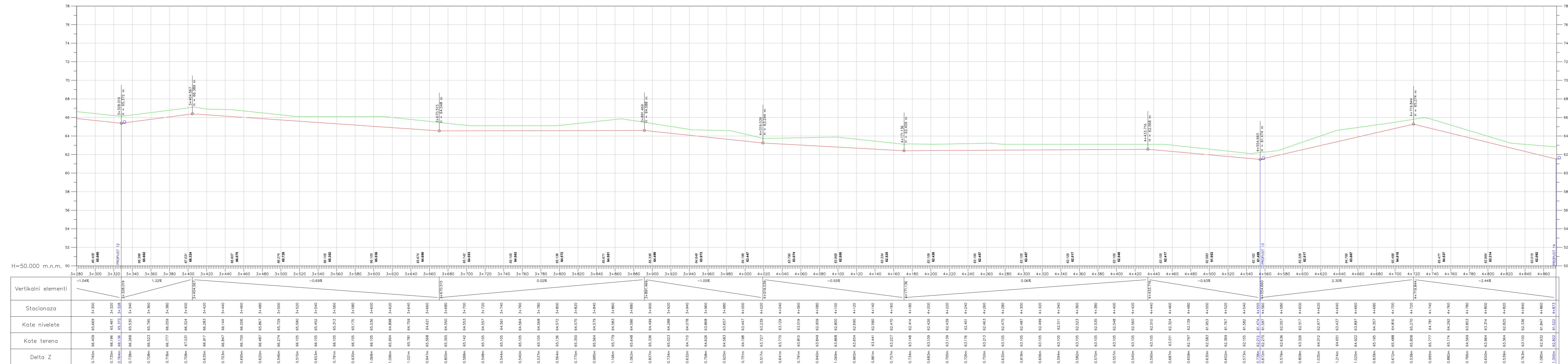




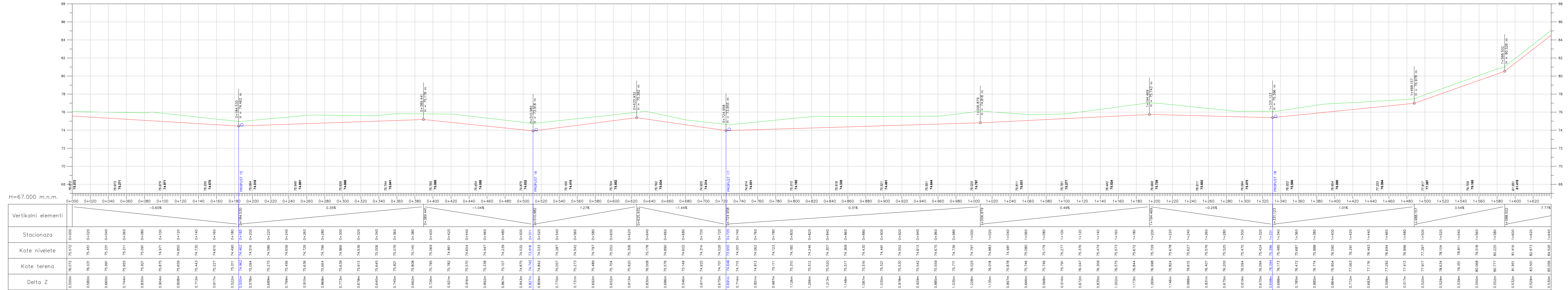
| Vertikalni elementi | Stacionaza | Kote nivelete | Kote terena | Delta Z |
|---------------------|------------|---------------|-------------|---------|
| | D+000 | 81.267 | 81.804 | 0.537m |
| | D+020 | 81.056 | 81.593 | 0.537m |
| | D+040 | 80.846 | 81.382 | 0.537m |
| | D+060 | 80.635 | 81.171 | 0.536m |
| | D+080 | 80.425 | 81.011 | 0.586m |
| | D+100 | 80.214 | 80.900 | 0.686m |
| | D+120 | 80.004 | 80.796 | 0.792m |
| | D+140 | 79.794 | 80.699 | 0.902m |
| | D+160 | 79.583 | 80.606 | 1.023m |
| | D+180 | 79.373 | 80.506 | 0.932m |
| | D+200 | 79.162 | 80.403 | 0.844m |
| | D+220 | 78.952 | 79.221 | 0.769m |
| | D+240 | 78.741 | 79.688 | 0.946m |
| | D+260 | 78.531 | 79.628 | 0.997m |
| | D+280 | 78.321 | 79.603 | 0.742m |
| | D+300 | 78.108 | 78.612 | 0.504m |
| | D+320 | 77.893 | 78.633 | 0.800m |
| | D+340 | 77.677 | 78.649 | 1.092m |
| | D+360 | 77.461 | 78.389 | 1.107m |
| | D+380 | 77.245 | 77.977 | 0.971m |
| | D+400 | 77.028 | 77.563 | 0.832m |
| | D+420 | 76.812 | 77.145 | 0.690m |
| | D+440 | 76.595 | 76.728 | 0.547m |
| | D+460 | 76.378 | 76.308 | 0.665m |
| | D+480 | 76.161 | 76.091 | 0.780m |
| | D+500 | 75.944 | 76.713 | 0.892m |
| | D+520 | 75.727 | 76.702 | 1.001m |
| | D+540 | 75.510 | 76.608 | 1.028m |
| | D+560 | 75.293 | 76.380 | 0.920m |
| | D+580 | 75.076 | 76.150 | 0.810m |
| | D+600 | 74.859 | 75.916 | 0.694m |
| | D+620 | 74.642 | 75.679 | 0.960m |
| | D+640 | 74.425 | 75.596 | 0.557m |
| | D+660 | 74.208 | 75.564 | 0.579m |
| | D+680 | 73.991 | 75.529 | 0.997m |
| | D+700 | 73.774 | 75.491 | 0.612m |
| | D+720 | 73.557 | 75.450 | 0.622m |
| | D+740 | 73.340 | 75.407 | 0.634m |
| | D+760 | 73.123 | 75.360 | 0.644m |
| | D+780 | 72.906 | 75.310 | 0.645m |
| | D+800 | 72.689 | 75.258 | 0.646m |
| | D+820 | 72.472 | 75.202 | 0.643m |
| | D+840 | 72.255 | 75.144 | 0.638m |
| | D+860 | 72.038 | 75.100 | 0.644m |
| | D+880 | 71.821 | 75.100 | 0.701m |
| | D+900 | 71.604 | 75.101 | 0.759m |
| | D+920 | 71.387 | 74.823 | 0.688m |
| | D+940 | 71.170 | 74.465 | 0.605m |
| | D+960 | 70.953 | 74.184 | 0.598m |
| | D+980 | 70.736 | 73.900 | 0.588m |
| | D+1000 | 70.519 | 73.614 | 0.578m |
| | D+1020 | 70.302 | 73.508 | 0.745m |
| | D+1040 | 70.085 | 73.420 | 0.832m |
| | D+1060 | 69.868 | 73.330 | 1.116m |
| | D+1080 | 69.651 | 73.237 | 1.298m |
| | D+1100 | 69.434 | 73.105 | 0.824m |
| | D+1120 | 69.217 | 72.989 | 0.646m |
| | D+1140 | 68.999 | 72.865 | 0.683m |
| | D+1160 | 68.782 | 72.721 | 0.714m |
| | D+1180 | 68.565 | 72.590 | 0.741m |
| | D+1200 | 68.348 | 72.490 | 0.757m |
| | D+1220 | 68.131 | 72.391 | 0.568m |
| | D+1240 | 67.914 | 72.300 | 0.615m |
| | D+1260 | 67.697 | 72.201 | 0.781m |
| | D+1280 | 67.480 | 72.119 | 0.930m |
| | D+1300 | 67.263 | 72.024 | 0.974m |
| | D+1320 | 67.046 | 71.926 | 0.812m |
| | D+1340 | 66.829 | 71.815 | 0.645m |
| | D+1360 | 66.612 | 71.689 | 0.526m |
| | D+1380 | 66.395 | 71.599 | 0.685m |
| | D+1400 | 66.178 | 71.510 | 0.834m |
| | D+1420 | 65.961 | 71.420 | 0.789m |
| | D+1440 | 65.744 | 71.331 | 0.771m |
| | D+1460 | 65.527 | 71.241 | 0.860m |
| | D+1480 | 65.310 | 71.151 | 0.901m |
| | D+1500 | 65.093 | 71.062 | 1.040m |
| | D+1520 | 64.876 | 70.972 | 0.978m |
| | D+1540 | 64.659 | 70.882 | 0.878m |
| | D+1560 | 64.442 | 70.793 | 0.778m |
| | D+1580 | 64.225 | 70.703 | 0.644m |
| | D+1600 | 64.008 | 70.614 | 0.828m |
| | D+1620 | 63.791 | 70.524 | 0.612m |
| | D+1640 | 63.574 | 70.434 | 0.610m |

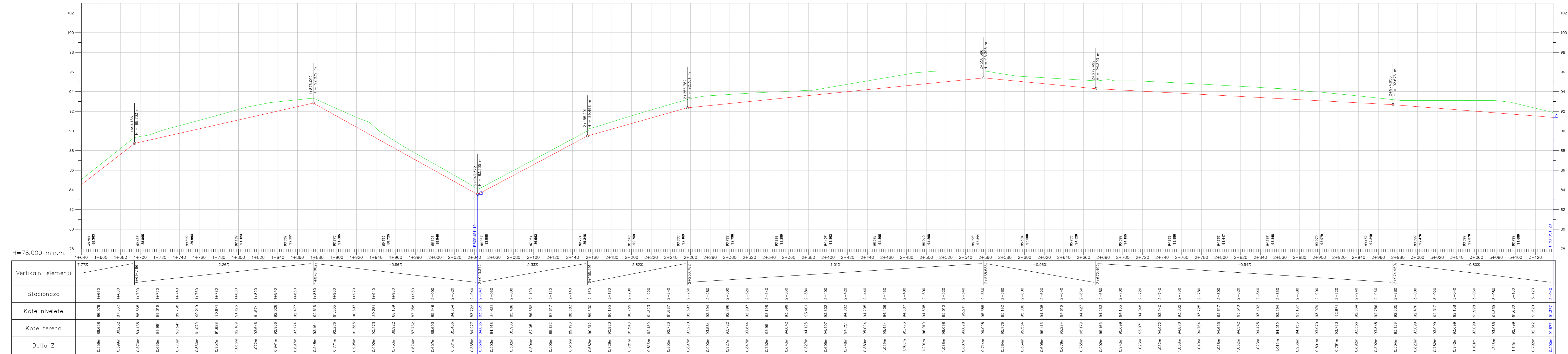


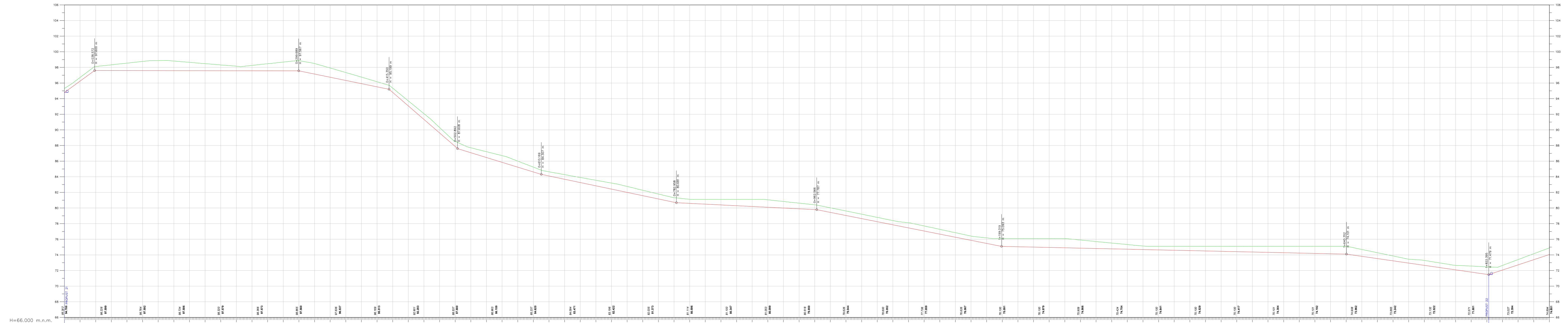
| Vertikalni elementi | Stationaza | Kote nivelete | Kote terena | Delta Z |
|---------------------|------------|---------------|-------------|---------|
| | 1+640 | 76.007 | 76.615 | 0.608m |
| | 1+680 | 75.818 | 76.424 | 0.606m |
| | 1+700 | 75.629 | 76.231 | 0.603m |
| | 1+720 | 75.440 | 76.039 | 0.599m |
| | 1+740 | 75.251 | 75.845 | 0.594m |
| | 1+760 | 75.062 | 75.651 | 0.589m |
| | 1+780 | 74.873 | 75.455 | 0.583m |
| | 1+800 | 74.684 | 75.259 | 0.577m |
| | 1+820 | 74.385 | 75.021 | 0.636m |
| | 1+840 | 74.088 | 74.628 | 0.720m |
| | 1+860 | 73.811 | 74.233 | 0.851m |
| | 1+880 | 73.564 | 73.836 | 0.912m |
| | 1+900 | 73.427 | 73.418 | 0.981m |
| | 1+920 | 73.190 | 73.035 | 0.782m |
| | 1+940 | 72.963 | 72.716 | 0.752m |
| | 1+960 | 72.688 | 72.379 | 0.726m |
| | 1+980 | 72.408 | 72.027 | 0.689m |
| | 2+000 | 72.001 | 71.594 | 0.592m |
| | 2+020 | 71.545 | 71.084 | 0.519m |
| | 2+040 | 71.036 | 70.506 | 0.653m |
| | 2+060 | 70.477 | 69.867 | 0.792m |
| | 2+080 | 69.867 | 69.174 | 0.918m |
| | 2+100 | 69.211 | 68.432 | 0.862m |
| | 2+120 | 68.511 | 67.649 | 0.863m |
| | 2+140 | 67.771 | 66.812 | 0.960m |
| | 2+160 | 67.001 | 65.935 | 1.059m |
| | 2+180 | 66.211 | 65.018 | 1.100m |
| | 2+200 | 65.401 | 64.061 | 1.102m |
| | 2+220 | 64.571 | 63.064 | 1.009m |
| | 2+240 | 63.721 | 62.027 | 0.922m |
| | 2+260 | 62.851 | 60.950 | 0.844m |
| | 2+280 | 61.961 | 59.833 | 0.792m |
| | 2+300 | 61.051 | 58.676 | 0.766m |
| | 2+320 | 60.131 | 57.479 | 0.673m |
| | 2+340 | 59.191 | 56.242 | 0.549m |
| | 2+360 | 58.241 | 54.965 | 0.627m |
| | 2+380 | 57.281 | 53.648 | 0.711m |
| | 2+400 | 56.321 | 52.291 | 0.797m |
| | 2+420 | 55.361 | 50.894 | 0.824m |
| | 2+440 | 54.401 | 49.457 | 1.020m |
| | 2+460 | 53.441 | 47.980 | 1.317m |
| | 2+480 | 52.481 | 46.463 | 1.424m |
| | 2+500 | 51.521 | 44.906 | 1.320m |
| | 2+520 | 50.561 | 43.309 | 1.140m |
| | 2+540 | 49.601 | 41.672 | 0.961m |
| | 2+560 | 48.641 | 40.005 | 0.781m |
| | 2+580 | 47.681 | 38.308 | 0.541m |
| | 2+600 | 46.721 | 36.581 | 0.675m |
| | 2+620 | 45.761 | 34.824 | 0.610m |
| | 2+640 | 44.801 | 33.037 | 0.970m |
| | 2+660 | 43.841 | 31.220 | 1.145m |
| | 2+680 | 42.881 | 29.383 | 1.320m |
| | 2+700 | 41.921 | 27.526 | 1.203m |
| | 2+720 | 40.961 | 25.649 | 1.048m |
| | 2+740 | 40.001 | 23.752 | 0.893m |
| | 2+760 | 39.041 | 21.835 | 0.738m |
| | 2+780 | 38.081 | 19.898 | 0.618m |
| | 2+800 | 37.121 | 17.951 | 0.535m |
| | 2+820 | 36.161 | 15.984 | 0.734m |
| | 2+840 | 35.201 | 13.997 | 0.959m |
| | 2+860 | 34.241 | 11.990 | 1.186m |
| | 2+880 | 33.281 | 9.963 | 1.271m |
| | 2+900 | 32.321 | 7.916 | 1.193m |
| | 2+920 | 31.361 | 5.849 | 0.955m |
| | 2+940 | 30.401 | 3.762 | 0.719m |
| | 2+960 | 29.441 | 1.655 | 0.606m |
| | 2+980 | 28.481 | -0.472 | 0.749m |
| | 3+000 | 27.521 | -2.625 | 0.744m |
| | 3+020 | 26.561 | -4.798 | |
| | 3+040 | 25.601 | -6.991 | |
| | 3+060 | 24.641 | -9.204 | |
| | 3+080 | 23.681 | -11.437 | |
| | 3+100 | 22.721 | -13.690 | |
| | 3+120 | 21.761 | -15.963 | |
| | 3+140 | 20.801 | -18.256 | |
| | 3+160 | 19.841 | -20.579 | |
| | 3+180 | 18.881 | -22.932 | |
| | 3+200 | 17.921 | -25.315 | |
| | 3+220 | 16.961 | -27.728 | |
| | 3+240 | 16.001 | -30.171 | |
| | 3+260 | 15.041 | -32.644 | |



| Vertikalni elementi | Stacionaza | Kote nivelete | Kote terena | Delta Z |
|---------------------|------------|---------------|-------------|---------|
| -1.04% | 3+300 | 65.669 | 66.409 | 0.740m |
| | 3+320 | 65.661 | 66.196 | 0.735m |
| 1.32% | 3+340 | 65.722 | 66.268 | 0.736m |
| | 3+360 | 65.795 | 66.523 | 0.728m |
| | 3+380 | 65.777 | 66.509 | 0.718m |
| | 3+400 | 66.324 | 67.031 | 0.708m |
| | 3+420 | 66.283 | 66.917 | 0.635m |
| | 3+440 | 66.144 | 66.847 | 0.703m |
| | 3+460 | 66.006 | 66.700 | 0.694m |
| | 3+480 | 65.867 | 66.487 | 0.620m |
| | 3+500 | 65.729 | 66.274 | 0.546m |
| | 3+520 | 65.590 | 66.105 | 0.515m |
| -0.69% | 3+540 | 65.452 | 66.105 | 0.653m |
| | 3+560 | 65.313 | 66.105 | 0.791m |
| | 3+580 | 65.175 | 66.105 | 0.930m |
| | 3+600 | 65.036 | 66.105 | 1.068m |
| | 3+620 | 64.898 | 65.994 | 1.096m |
| | 3+640 | 64.759 | 65.781 | 1.027m |
| | 3+660 | 64.621 | 65.568 | 0.947m |
| | 3+680 | 64.500 | 65.305 | 0.805m |
| | 3+700 | 64.353 | 65.142 | 0.789m |
| | 3+720 | 64.357 | 65.105 | 0.746m |
| | 3+740 | 64.561 | 65.105 | 0.544m |
| | 3+760 | 64.564 | 65.105 | 0.540m |
| | 3+780 | 64.568 | 65.105 | 0.537m |
| 0.02% | 3+800 | 64.572 | 65.136 | 0.564m |
| | 3+820 | 64.575 | 65.350 | 0.775m |
| | 3+840 | 64.579 | 65.564 | 0.985m |
| | 3+860 | 64.583 | 65.779 | 1.196m |
| | 3+880 | 64.586 | 65.648 | 1.062m |
| | 3+900 | 64.589 | 65.336 | 0.837m |
| | 3+920 | 64.588 | 65.023 | 0.724m |
| | 3+940 | 64.578 | 64.710 | 0.626m |
| | 3+960 | 64.568 | 64.626 | 0.759m |
| | 3+980 | 64.557 | 64.583 | 0.825m |
| | 4+000 | 64.547 | 64.198 | 0.701m |
| | 4+020 | 64.539 | 64.229 | 0.577m |
| | 4+040 | 64.540 | 64.770 | 0.641m |
| | 4+060 | 64.549 | 65.810 | 0.791m |
| | 4+080 | 64.559 | 63.849 | 0.940m |
| | 4+100 | 64.569 | 63.868 | 1.069m |
| | 4+120 | 64.579 | 63.654 | 0.965m |
| | 4+140 | 64.589 | 63.441 | 0.881m |
| | 4+160 | 64.599 | 63.227 | 0.757m |
| | 4+180 | 64.614 | 63.148 | 0.734m |
| | 4+200 | 64.626 | 63.109 | 0.663m |
| | 4+220 | 64.638 | 63.139 | 0.700m |
| | 4+240 | 64.651 | 63.176 | 0.726m |
| | 4+260 | 64.663 | 63.213 | 0.750m |
| | 4+280 | 64.675 | 63.105 | 0.650m |
| | 4+300 | 64.687 | 63.105 | 0.681m |
| | 4+320 | 64.699 | 63.105 | 0.606m |
| | 4+340 | 64.711 | 63.105 | 0.594m |
| | 4+360 | 64.723 | 63.105 | 0.582m |
| | 4+380 | 64.735 | 63.105 | 0.570m |
| | 4+400 | 64.748 | 63.105 | 0.557m |
| | 4+420 | 64.760 | 63.105 | 0.545m |
| | 4+440 | 64.773 | 63.105 | 0.539m |
| | 4+460 | 64.784 | 63.011 | 0.657m |
| | 4+480 | 64.797 | 62.797 | 0.659m |
| | 4+500 | 64.813 | 62.583 | 0.630m |
| | 4+520 | 64.829 | 62.369 | 0.602m |
| | 4+540 | 64.846 | 62.155 | 0.573m |
| | 4+560 | 64.860 | 61.937 | 0.670m |
| | 4+580 | 64.876 | 62.057 | 0.579m |
| | 4+600 | 64.891 | 62.517 | 0.809m |
| | 4+620 | 64.907 | 64.012 | 1.035m |
| | 4+640 | 64.922 | 63.537 | 1.214m |
| | 4+660 | 64.937 | 63.897 | 1.025m |
| | 4+680 | 64.952 | 65.195 | 0.839m |
| | 4+700 | 64.968 | 64.816 | 0.672m |
| | 4+720 | 64.984 | 65.270 | 0.539m |
| | 4+740 | 64.981 | 65.777 | 0.995m |
| | 4+760 | 64.972 | 65.174 | 0.852m |
| | 4+780 | 64.958 | 64.599 | 0.765m |
| | 4+800 | 64.944 | 63.314 | 0.650m |
| | 4+820 | 64.925 | 63.364 | 0.539m |
| | 4+840 | 64.906 | 63.100 | 0.763m |
| | 4+860 | 64.887 | 62.932 | 1.085m |
| | 4+880 | 64.873 | 62.822 | 1.330m |
| -2.44% | 4+900 | 64.858 | 62.822 | |

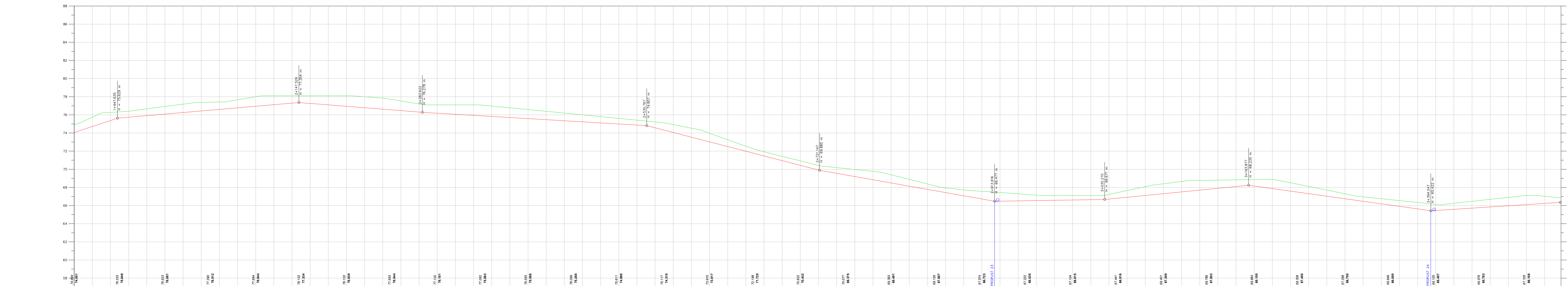






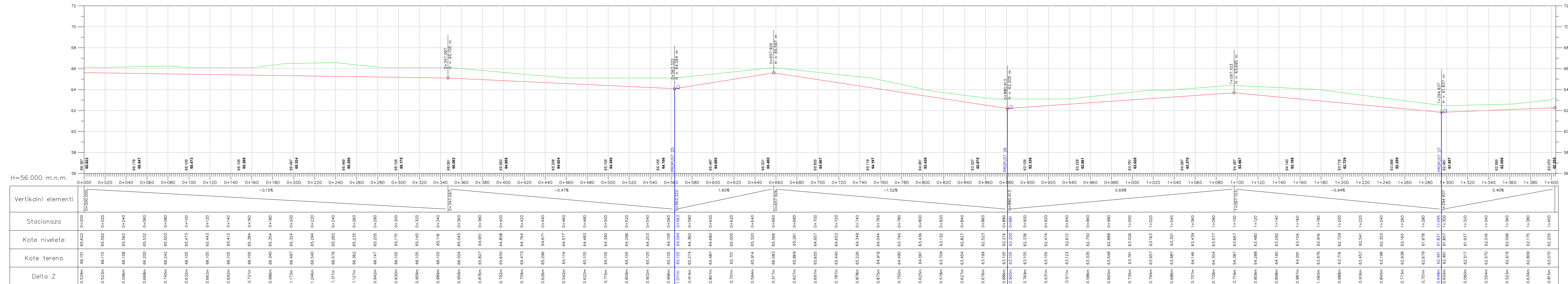
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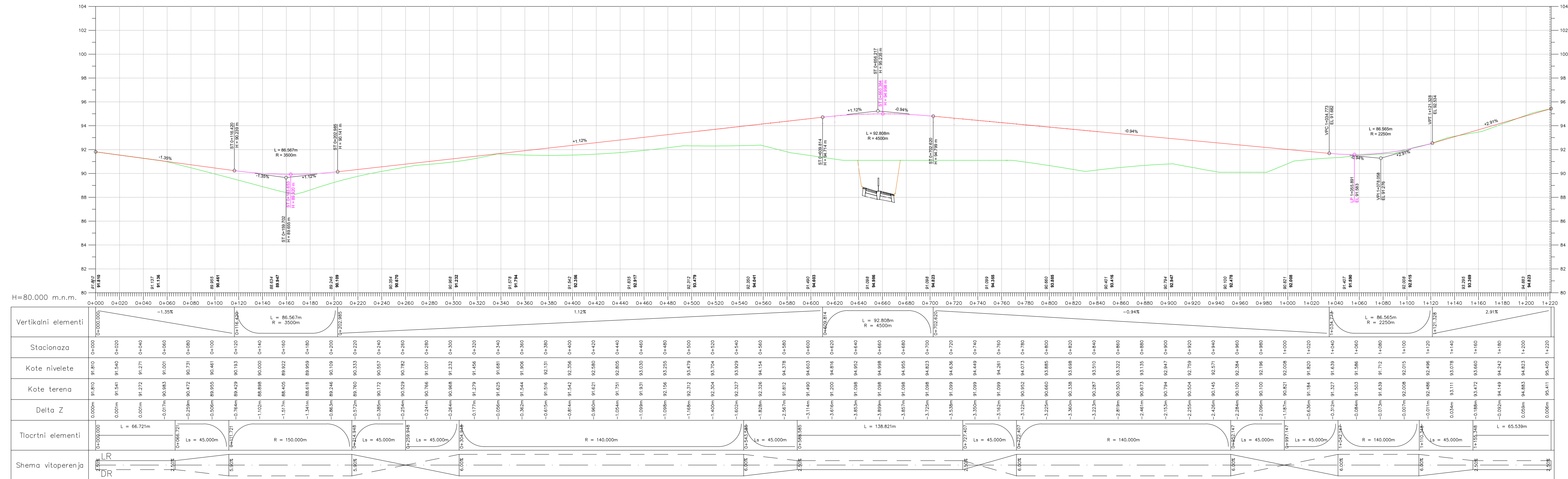
| Vertikalni elementi | Stacionaza | Kote nivelete | Kote terena | Delta Z |
|---------------------|------------|---------------|-------------|---------|
| | 0+000 | 95,313 | 95,313 | 0,000 |
| | 0+020 | 96,246 | 96,246 | 0,000 |
| | 0+040 | 97,600 | 97,600 | 0,000 |
| | 0+060 | 97,597 | 97,597 | 0,000 |
| | 0+080 | 97,595 | 97,595 | 0,000 |
| | 0+100 | 97,592 | 97,592 | 0,000 |
| | 0+120 | 97,590 | 97,590 | 0,000 |
| | 0+140 | 97,587 | 97,587 | 0,000 |
| | 0+160 | 97,585 | 97,585 | 0,000 |
| | 0+180 | 97,582 | 97,582 | 0,000 |
| | 0+200 | 97,579 | 97,579 | 0,000 |
| | 0+220 | 97,577 | 97,577 | 0,000 |
| | 0+240 | 97,574 | 97,574 | 0,000 |
| | 0+260 | 97,572 | 97,572 | 0,000 |
| | 0+280 | 97,569 | 97,569 | 0,000 |
| | 0+300 | 97,560 | 97,560 | 0,000 |
| | 0+320 | 97,551 | 97,551 | 0,000 |
| | 0+340 | 96,741 | 96,741 | 0,000 |
| | 0+360 | 96,332 | 96,332 | 0,000 |
| | 0+380 | 95,923 | 95,923 | 0,000 |
| | 0+400 | 95,513 | 95,513 | 0,000 |
| | 0+420 | 94,797 | 94,797 | 0,000 |
| | 0+440 | 93,968 | 93,968 | 0,000 |
| | 0+460 | 93,338 | 93,338 | 0,000 |
| | 0+480 | 92,809 | 92,809 | 0,000 |
| | 0+500 | 92,880 | 92,880 | 0,000 |
| | 0+520 | 92,081 | 92,081 | 0,000 |
| | 0+540 | 86,466 | 86,466 | 0,000 |
| | 0+560 | 85,851 | 85,851 | 0,000 |
| | 0+580 | 85,236 | 85,236 | 0,000 |
| | 0+600 | 84,620 | 84,620 | 0,000 |
| | 0+620 | 84,101 | 84,101 | 0,000 |
| | 0+640 | 83,681 | 83,681 | 0,000 |
| | 0+660 | 83,262 | 83,262 | 0,000 |
| | 0+680 | 82,842 | 82,842 | 0,000 |
| | 0+700 | 82,422 | 82,422 | 0,000 |
| | 0+720 | 82,002 | 82,002 | 0,000 |
| | 0+740 | 81,583 | 81,583 | 0,000 |
| | 0+760 | 81,163 | 81,163 | 0,000 |
| | 0+780 | 80,743 | 80,743 | 0,000 |
| | 0+800 | 80,326 | 80,326 | 0,000 |
| | 0+820 | 80,497 | 80,497 | 0,000 |
| | 0+840 | 80,397 | 80,397 | 0,000 |
| | 0+860 | 80,298 | 80,298 | 0,000 |
| | 0+880 | 80,198 | 80,198 | 0,000 |
| | 0+900 | 80,099 | 80,099 | 0,000 |
| | 0+920 | 79,999 | 79,999 | 0,000 |
| | 0+940 | 79,900 | 79,900 | 0,000 |
| | 0+960 | 79,800 | 79,800 | 0,000 |
| | 0+980 | 79,441 | 79,441 | 0,000 |
| | 1+000 | 79,044 | 79,044 | 0,000 |
| | 1+020 | 78,647 | 78,647 | 0,000 |
| | 1+040 | 78,250 | 78,250 | 0,000 |
| | 1+060 | 77,853 | 77,853 | 0,000 |
| | 1+080 | 77,456 | 77,456 | 0,000 |
| | 1+100 | 77,059 | 77,059 | 0,000 |
| | 1+120 | 76,662 | 76,662 | 0,000 |
| | 1+140 | 76,265 | 76,265 | 0,000 |
| | 1+160 | 75,868 | 75,868 | 0,000 |
| | 1+180 | 75,471 | 75,471 | 0,000 |
| | 1+200 | 75,074 | 75,074 | 0,000 |
| | 1+220 | 75,046 | 75,046 | 0,000 |
| | 1+240 | 75,018 | 75,018 | 0,000 |
| | 1+260 | 74,996 | 74,996 | 0,000 |
| | 1+280 | 74,976 | 74,976 | 0,000 |
| | 1+300 | 74,956 | 74,956 | 0,000 |
| | 1+320 | 74,931 | 74,931 | 0,000 |
| | 1+340 | 74,911 | 74,911 | 0,000 |
| | 1+360 | 74,886 | 74,886 | 0,000 |
| | 1+380 | 74,866 | 74,866 | 0,000 |
| | 1+400 | 74,841 | 74,841 | 0,000 |
| | 1+420 | 74,821 | 74,821 | 0,000 |
| | 1+440 | 74,801 | 74,801 | 0,000 |
| | 1+460 | 74,781 | 74,781 | 0,000 |
| | 1+480 | 74,761 | 74,761 | 0,000 |
| | 1+500 | 74,741 | 74,741 | 0,000 |
| | 1+520 | 74,721 | 74,721 | 0,000 |
| | 1+540 | 74,701 | 74,701 | 0,000 |
| | 1+560 | 74,681 | 74,681 | 0,000 |
| | 1+580 | 74,661 | 74,661 | 0,000 |
| | 1+600 | 74,641 | 74,641 | 0,000 |
| | 1+620 | 74,621 | 74,621 | 0,000 |
| | 1+640 | 74,601 | 74,601 | 0,000 |
| | 1+660 | 74,581 | 74,581 | 0,000 |
| | 1+680 | 74,561 | 74,561 | 0,000 |
| | 1+700 | 74,541 | 74,541 | 0,000 |
| | 1+720 | 74,521 | 74,521 | 0,000 |
| | 1+740 | 74,501 | 74,501 | 0,000 |
| | 1+760 | 74,481 | 74,481 | 0,000 |
| | 1+780 | 74,461 | 74,461 | 0,000 |
| | 1+800 | 74,441 | 74,441 | 0,000 |
| | 1+820 | 74,421 | 74,421 | 0,000 |
| | 1+840 | 74,401 | 74,401 | 0,000 |
| | 1+860 | 74,381 | 74,381 | 0,000 |
| | 1+880 | 74,361 | 74,361 | 0,000 |
| | 1+900 | 74,341 | 74,341 | 0,000 |



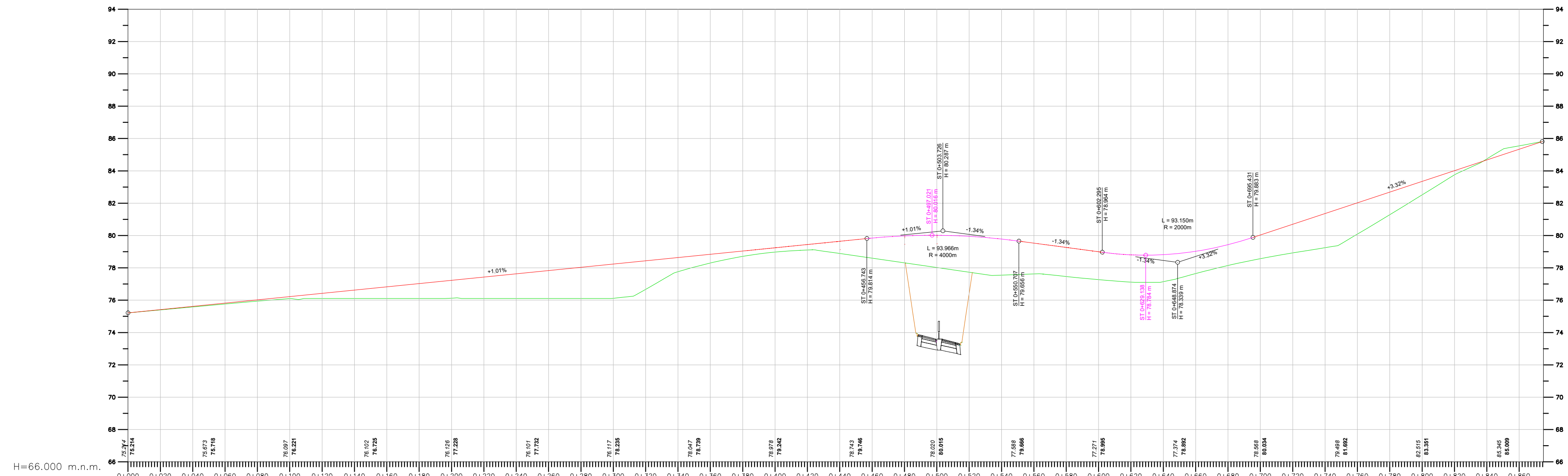
H=57.000 m.n.m.

| Vertikalni elementi | Stacionaza | Kote nivelete | Kote terena | Delta Z |
|---------------------|------------|---------------|-------------|---------|
| | 1+900 | 74.861 | 74.861 | 1.026m |
| | 1+920 | 75.739 | 74.713 | 0.897m |
| | 1+940 | 76.273 | 75.376 | 0.660m |
| | 1+960 | 76.533 | 75.996 | 0.753m |
| | 1+980 | 76.649 | 76.661 | 0.842m |
| | 2+000 | 76.893 | 76.801 | 0.927m |
| | 2+020 | 76.941 | 77.181 | 0.934m |
| | 2+040 | 77.000 | 77.360 | 0.827m |
| | 2+060 | 76.812 | 77.420 | 0.887m |
| | 2+080 | 77.894 | 77.658 | 1.050m |
| | 2+100 | 76.844 | 77.894 | 0.985m |
| | 2+120 | 77.810 | 78.102 | 0.813m |
| | 2+140 | 77.334 | 78.102 | 0.843m |
| | 2+160 | 76.181 | 78.102 | 1.000m |
| | 2+180 | 76.910 | 78.102 | 1.165m |
| | 2+200 | 76.839 | 78.102 | 1.214m |
| | 2+220 | 77.839 | 77.895 | 1.226m |
| | 2+240 | 77.683 | 77.649 | 1.062m |
| | 2+260 | 76.844 | 77.527 | 0.888m |
| | 2+280 | 77.839 | 77.195 | 0.922m |
| | 2+300 | 77.102 | 77.102 | 1.041m |
| | 2+320 | 76.181 | 77.102 | 1.160m |
| | 2+340 | 76.839 | 77.103 | 1.143m |
| | 2+360 | 76.839 | 76.967 | 1.070m |
| | 2+380 | 76.839 | 76.775 | 0.997m |
| | 2+400 | 76.839 | 76.583 | 0.923m |
| | 2+420 | 76.839 | 76.390 | 0.844m |
| | 2+440 | 76.839 | 76.196 | 0.773m |
| | 2+460 | 76.839 | 76.002 | 0.697m |
| | 2+480 | 76.839 | 75.807 | 0.620m |
| | 2+500 | 76.839 | 75.611 | 0.540m |
| | 2+520 | 76.839 | 75.414 | 0.647m |
| | 2+540 | 75.107 | 75.216 | 0.879m |
| | 2+560 | 74.110 | 74.930 | 0.894m |
| | 2+580 | 73.970 | 74.629 | 0.953m |
| | 2+600 | 73.817 | 73.070 | 0.756m |
| | 2+620 | 73.617 | 73.256 | 0.567m |
| | 2+640 | 72.189 | 72.544 | 0.536m |
| | 2+660 | 71.725 | 71.935 | 0.519m |
| | 2+680 | 70.432 | 71.427 | 0.504m |
| | 2+700 | 70.432 | 70.922 | 0.500m |
| | 2+720 | 69.147 | 70.414 | 0.628m |
| | 2+740 | 69.077 | 70.180 | 0.776m |
| | 2+760 | 68.376 | 69.975 | 0.824m |
| | 2+780 | 68.301 | 69.768 | 0.902m |
| | 2+800 | 68.481 | 68.563 | 0.752m |
| | 2+820 | 68.107 | 68.366 | 0.602m |
| | 2+840 | 68.107 | 68.169 | 0.512m |
| | 2+860 | 68.107 | 67.942 | 0.657m |
| | 2+880 | 68.107 | 67.733 | 0.850m |
| | 2+900 | 67.874 | 67.574 | 1.000m |
| | 2+920 | 67.477 | 67.435 | 0.844m |
| | 2+940 | 67.222 | 67.284 | 0.773m |
| | 2+960 | 66.836 | 67.149 | 0.598m |
| | 2+980 | 66.836 | 67.104 | 0.521m |
| | 3+000 | 66.836 | 67.104 | 0.518m |
| | 3+020 | 66.836 | 67.104 | 0.525m |
| | 3+040 | 66.836 | 67.227 | 0.509m |
| | 3+060 | 66.836 | 66.718 | 0.740m |
| | 3+080 | 66.836 | 66.915 | 0.973m |
| | 3+100 | 66.836 | 67.112 | 1.092m |
| | 3+120 | 66.836 | 68.401 | 1.145m |
| | 3+140 | 66.836 | 68.507 | 1.065m |
| | 3+160 | 66.836 | 68.704 | 0.902m |
| | 3+180 | 66.836 | 68.803 | 0.737m |
| | 3+200 | 66.836 | 68.855 | 0.715m |
| | 3+220 | 66.836 | 68.864 | 1.021m |
| | 3+240 | 66.836 | 68.891 | 0.918m |
| | 3+260 | 66.836 | 68.508 | 0.795m |
| | 3+280 | 66.836 | 68.108 | 0.675m |
| | 3+300 | 66.836 | 67.704 | 0.548m |
| | 3+320 | 66.836 | 66.750 | 0.553m |
| | 3+340 | 66.836 | 66.664 | 0.592m |
| | 3+360 | 66.836 | 66.725 | 0.636m |
| | 3+380 | 66.836 | 66.546 | 0.707m |
| | 3+400 | 66.836 | 66.337 | 0.683m |
| | 3+420 | 66.836 | 66.125 | 0.665m |
| | 3+440 | 66.836 | 65.987 | 0.751m |
| | 3+460 | 66.836 | 65.718 | 0.830m |
| | 3+480 | 66.836 | 65.848 | 0.922m |
| | 3+500 | 66.836 | 65.978 | 0.997m |
| | 3+520 | 66.836 | 66.108 | 0.785m |



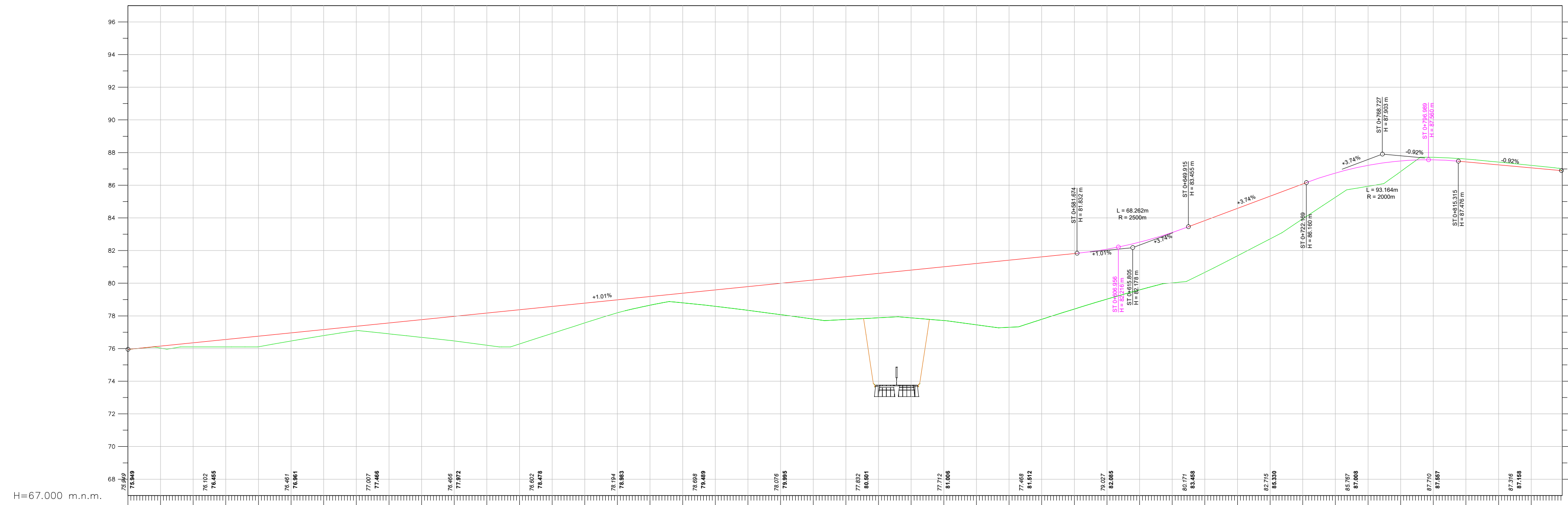


| Vertikalni elementi | Stacionaza | Kote nivelete | Kote terena | Delta Z | Tlocrtni elementi | Schema vitoperenja |
|---------------------|------------|---------------|-------------|---------|-------------------|--------------------|
| -1.35% | 0+000 | 91.810 | 91.810 | 0.000m | L = 66.721m | 2.50% |
| -1.35% | 0+020 | 91.540 | 91.540 | 0.000m | 0.000m | 2.50% |
| -1.35% | 0+040 | 91.271 | 91.272 | 0.001m | 0.000m | 2.50% |
| -1.35% | 0+060 | 91.001 | 90.983 | -0.017m | 0.000m | 2.50% |
| -1.35% | 0+080 | 90.731 | 90.472 | -0.259m | 0.000m | 2.50% |
| -1.35% | 0+100 | 90.461 | 89.955 | -0.506m | 0.000m | 2.50% |
| -1.35% | 0+120 | 90.193 | 89.429 | -0.764m | 0.000m | 2.50% |
| -1.35% | 0+140 | 90.000 | 88.899 | -1.102m | 0.000m | 2.50% |
| -1.35% | 0+160 | 89.922 | 88.405 | -1.517m | 0.000m | 2.50% |
| -1.35% | 0+180 | 89.959 | 88.618 | -1.341m | 0.000m | 2.50% |
| -1.35% | 0+200 | 90.109 | 89.746 | -0.363m | 0.000m | 2.50% |
| -1.35% | 0+220 | 90.333 | 89.760 | -0.573m | 0.000m | 2.50% |
| -1.35% | 0+240 | 90.557 | 90.557 | 0.000m | 0.000m | 2.50% |
| -1.35% | 0+260 | 90.782 | 90.529 | -0.254m | 0.000m | 2.50% |
| -1.35% | 0+280 | 91.007 | 90.766 | -0.241m | 0.000m | 2.50% |
| -1.35% | 0+300 | 91.232 | 90.868 | -0.364m | 0.000m | 2.50% |
| -1.35% | 0+320 | 91.456 | 91.279 | -0.177m | 0.000m | 2.50% |
| -1.35% | 0+340 | 91.681 | 91.625 | -0.056m | 0.000m | 2.50% |
| -1.35% | 0+360 | 91.906 | 91.544 | -0.362m | 0.000m | 2.50% |
| -1.35% | 0+380 | 92.131 | 91.516 | -0.615m | 0.000m | 2.50% |
| -1.35% | 0+400 | 92.356 | 91.542 | -0.814m | 0.000m | 2.50% |
| -1.35% | 0+420 | 92.580 | 91.621 | -0.960m | 0.000m | 2.50% |
| -1.35% | 0+440 | 92.805 | 91.751 | -1.054m | 0.000m | 2.50% |
| -1.35% | 0+460 | 93.030 | 91.931 | -1.099m | 0.000m | 2.50% |
| -1.35% | 0+480 | 93.255 | 92.156 | -1.099m | 0.000m | 2.50% |
| -1.35% | 0+500 | 93.479 | 92.312 | -1.168m | 0.000m | 2.50% |
| -1.35% | 0+520 | 93.704 | 92.304 | -1.400m | 0.000m | 2.50% |
| -1.35% | 0+540 | 93.929 | 92.327 | -1.602m | 0.000m | 2.50% |
| -1.35% | 0+560 | 94.154 | 92.326 | -1.828m | 0.000m | 2.50% |
| -1.35% | 0+580 | 94.378 | 91.812 | -2.567m | 0.000m | 2.50% |
| -1.35% | 0+600 | 94.603 | 91.490 | -3.114m | 0.000m | 2.50% |
| -1.35% | 0+620 | 94.816 | 91.200 | -3.616m | 0.000m | 2.50% |
| -1.35% | 0+640 | 94.952 | 91.098 | -3.853m | 0.000m | 2.50% |
| -1.35% | 0+660 | 94.998 | 91.098 | -3.899m | 0.000m | 2.50% |
| -1.35% | 0+680 | 94.955 | 91.098 | -3.857m | 0.000m | 2.50% |
| -1.35% | 0+700 | 94.823 | 91.098 | -3.725m | 0.000m | 2.50% |
| -1.35% | 0+720 | 94.636 | 91.099 | -3.536m | 0.000m | 2.50% |
| -1.35% | 0+740 | 94.449 | 91.099 | -3.350m | 0.000m | 2.50% |
| -1.35% | 0+760 | 94.261 | 91.099 | -3.162m | 0.000m | 2.50% |
| -1.35% | 0+780 | 94.073 | 90.852 | -3.222m | 0.000m | 2.50% |
| -1.35% | 0+800 | 93.885 | 90.660 | -3.225m | 0.000m | 2.50% |
| -1.35% | 0+820 | 93.698 | 90.338 | -3.360m | 0.000m | 2.50% |
| -1.35% | 0+840 | 93.510 | 90.287 | -3.223m | 0.000m | 2.50% |
| -1.35% | 0+860 | 93.322 | 90.503 | -2.819m | 0.000m | 2.50% |
| -1.35% | 0+880 | 93.135 | 90.673 | -2.461m | 0.000m | 2.50% |
| -1.35% | 0+900 | 92.947 | 90.794 | -2.153m | 0.000m | 2.50% |
| -1.35% | 0+920 | 92.759 | 90.504 | -2.255m | 0.000m | 2.50% |
| -1.35% | 0+940 | 92.571 | 90.145 | -2.426m | 0.000m | 2.50% |
| -1.35% | 0+960 | 92.384 | 90.100 | -2.284m | 0.000m | 2.50% |
| -1.35% | 0+980 | 92.196 | 90.100 | -2.096m | 0.000m | 2.50% |
| -1.35% | 1+000 | 92.008 | 90.821 | -1.187m | 0.000m | 2.50% |
| -1.35% | 1+020 | 91.820 | 91.184 | -0.364m | 0.000m | 2.50% |
| -1.35% | 1+040 | 91.639 | 91.327 | -0.312m | 0.000m | 2.50% |
| -1.35% | 1+060 | 91.586 | 91.503 | -0.084m | 0.000m | 2.50% |
| -1.35% | 1+080 | 91.712 | 91.639 | -0.073m | 0.000m | 2.50% |
| -1.35% | 1+100 | 92.015 | 92.008 | -0.007m | 0.000m | 2.50% |
| -1.35% | 1+120 | 92.496 | 92.486 | -0.010m | 0.000m | 2.50% |
| -1.35% | 1+140 | 93.078 | 93.111 | 0.034m | 0.000m | 2.50% |
| -1.35% | 1+160 | 93.660 | 93.472 | -0.188m | 0.000m | 2.50% |
| -1.35% | 1+180 | 94.242 | 94.149 | -0.092m | 0.000m | 2.50% |
| -1.35% | 1+200 | 94.823 | 94.883 | 0.059m | 0.000m | 2.50% |
| -1.35% | 1+220 | 95.405 | 95.411 | 0.006m | 0.000m | 2.50% |



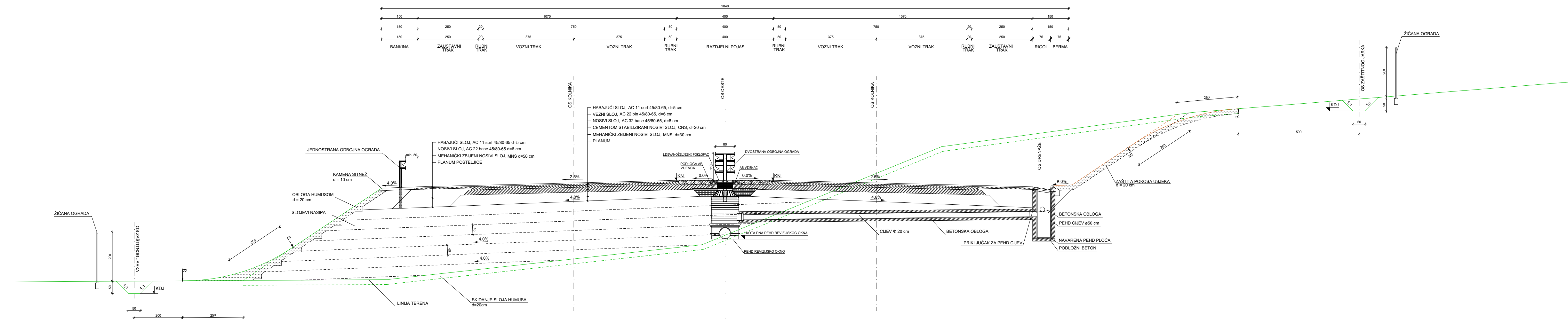
H=66.000 m.n.m.

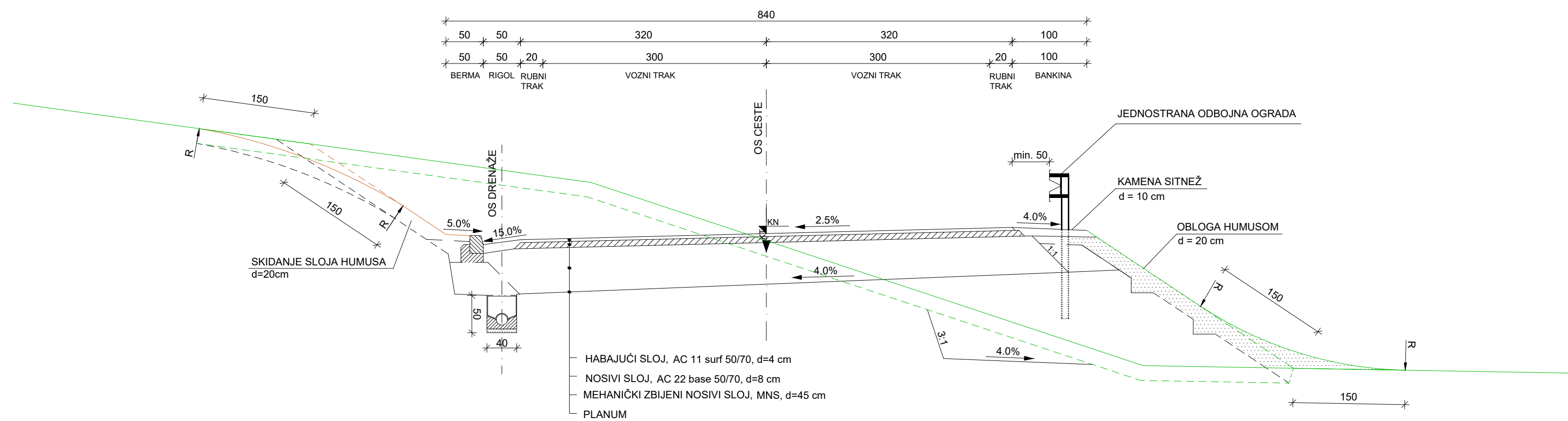
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|---------|--------------|---------|---------|---------|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-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| Vertikalni elementi | 1.01% | | | | | | | | | | | R = 120.000m | | L = 120.361m | | -1.34% | | R = 93.150m R = 2000m | | 3.32% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stacionaza | 0+000 | 0+020 | 0+040 | 0+060 | 0+080 | 0+100 | 0+120 | 0+140 | 0+160 | 0+180 | 0+200 | 0+220 | 0+240 | 0+260 | 0+280 | 0+300 | 0+320 | 0+340 | 0+360 | 0+380 | 0+400 | 0+420 | 0+440 | 0+460 | 0+480 | 0+500 | 0+520 | 0+540 | 0+560 | 0+580 | 0+600 | 0+620 | 0+640 | 0+660 | 0+680 | 0+700 | 0+720 | 0+740 | 0+760 | 0+780 | 0+800 | 0+820 | 0+840 | 0+860 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kote nivelete | 75.214 | 75.416 | 75.416 | 75.617 | 75.819 | 76.021 | 76.223 | 76.425 | 76.627 | 76.829 | 77.031 | 77.233 | 77.435 | 77.637 | 77.839 | 78.041 | 78.243 | 78.445 | 78.647 | 78.849 | 79.051 | 79.253 | 79.455 | 79.657 | 79.859 | 80.061 | 80.263 | 80.465 | 80.667 | 80.869 | 81.071 | 81.273 | 81.475 | 81.677 | 81.879 | 82.081 | 82.283 | 82.485 | 82.687 | 82.889 | 83.091 | 83.293 | 83.495 | 83.697 | 83.899 | 84.101 | 84.303 | 84.505 | 84.707 | 84.909 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kote terena | 75.214 | 75.398 | 75.582 | 75.765 | 75.949 | 76.132 | 76.316 | 76.500 | 76.684 | 76.868 | 77.052 | 77.236 | 77.420 | 77.604 | 77.788 | 77.972 | 78.156 | 78.340 | 78.524 | 78.708 | 78.892 | 79.076 | 79.260 | 79.444 | 79.628 | 79.812 | 79.996 | 80.180 | 80.364 | 80.548 | 80.732 | 80.916 | 81.100 | 81.284 | 81.468 | 81.652 | 81.836 | 82.020 | 82.204 | 82.388 | 82.572 | 82.756 | 82.940 | 83.124 | 83.308 | 83.492 | 83.676 | 83.860 | 84.044 | 84.228 | 84.412 | 84.596 | 84.780 | 84.964 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Delta Z | 0.000m | -0.018m | -0.036m | -0.053m | -0.071m | -0.088m | -0.106m | -0.124m | -0.141m | -0.159m | -0.177m | -0.194m | -0.212m | -0.230m | -0.248m | -0.266m | -0.284m | -0.302m | -0.320m | -0.338m | -0.356m | -0.374m | -0.392m | -0.410m | -0.428m | -0.446m | -0.464m | -0.482m | -0.500m | -0.518m | -0.536m | -0.554m | -0.572m | -0.590m | -0.608m | -0.626m | -0.644m | -0.662m | -0.680m | -0.698m | -0.716m | -0.734m | -0.752m | -0.770m | -0.788m | -0.806m | -0.824m | -0.842m | -0.860m | -0.878m | -0.896m | -0.914m | -0.932m | -0.950m | -0.968m | -0.986m | -1.004m | -1.022m | -1.040m | -1.058m | -1.076m | -1.094m | -1.112m | -1.130m | -1.148m | -1.166m | -1.184m | -1.202m | -1.220m | -1.238m | -1.256m | -1.274m | -1.292m | -1.310m | -1.328m | -1.346m | -1.364m | -1.382m | -1.400m | -1.418m | -1.436m | -1.454m | -1.472m | -1.490m | -1.508m | -1.526m | -1.544m | -1.562m | -1.580m | -1.598m | -1.616m | -1.634m | -1.652m | -1.670m | -1.688m | -1.706m | -1.724m | -1.742m | -1.760m | -1.778m | -1.796m | -1.814m | -1.832m | -1.850m | -1.868m | -1.886m | -1.904m | -1.922m | -1.940m | -1.958m | -1.976m | -1.994m | -2.012m | -2.030m | -2.048m | -2.066m | -2.084m | -2.102m | -2.120m | -2.138m | -2.156m | -2.174m | -2.192m | -2.210m | -2.228m | -2.246m | -2.264m | -2.282m | -2.300m | -2.318m | -2.336m | -2.354m | -2.372m | -2.390m | -2.408m | -2.426m | -2.444m | -2.462m | -2.480m | -2.498m | -2.516m | -2.534m | -2.552m | -2.570m | -2.588m | -2.606m | -2.624m | -2.642m | -2.660m | -2.678m | -2.696m | -2.714m | -2.732m | -2.750m | -2.768m | -2.786m | -2.804m | -2.822m | -2.840m | -2.858m | -2.876m | -2.894m | -2.912m | -2.930m | -2.948m | -2.966m | -2.984m | -3.002m | -3.020m | -3.038m | -3.056m | -3.074m | -3.092m | -3.110m | -3.128m | -3.146m | -3.164m | -3.182m | -3.200m | -3.218m | -3.236m | -3.254m | -3.272m | -3.290m | -3.308m | -3.326m | -3.344m | -3.362m | -3.380m | -3.398m | -3.416m | -3.434m | -3.452m | -3.470m | -3.488m | -3.506m | -3.524m | -3.542m | -3.560m | -3.578m | -3.596m | -3.614m | -3.632m | -3.650m | -3.668m | -3.686m | -3.704m | -3.722m | -3.740m | -3.758m | -3.776m | -3.794m | -3.812m | -3.830m | -3.848m | -3.866m | -3.884m | -3.902m | -3.920m | -3.938m | -3.956m | -3.974m | -3.992m | -4.010m | -4.028m | -4.046m | -4.064m | -4.082m | -4.100m | -4.118m | -4.136m | -4.154m | -4.172m | -4.190m | -4.208m | -4.226m | -4.244m | -4.262m | -4.280m | -4.298m | -4.316m | -4.334m | -4.352m | -4.370m | -4.388m | -4.406m | -4.424m | -4.442m | -4.460m | -4.478m | -4.496m | -4.514m | -4.532m | -4.550m | -4.568m | -4.586m | -4.604m | -4.622m | -4.640m | -4.658m | -4.676m | -4.694m | -4.712m | -4.730m | -4.748m | -4.766m | -4.784m | -4.802m | -4.820m | -4.838m | -4.856m | -4.874m | -4.892m | -4.910m | -4.928m | -4.946m | -4.964m | -4.982m | -5.000m | -5.018m | -5.036m | -5.054m | -5.072m | -5.090m | -5.108m | -5.126m | -5.144m | -5.162m | -5.180m | -5.198m | -5.216m | -5.234m | -5.252m | -5.270m | -5.288m | -5.306m | -5.324m | -5.342m | -5.360m | -5.378m | -5.396m | -5.414m | -5.432m | -5.450m | -5.468m | -5.486m | -5.504m | -5.522m | -5.540m | -5.558m | -5.576m | -5.594m | -5.612m | -5.630m | -5.648m | -5.666m | -5.684m | -5.702m | -5.720m | -5.738m | -5.756m | -5.774m | -5.792m | -5.810m | -5.828m | -5.846m | -5.864m | -5.882m | -5.900m | -5.918m | -5.936m | -5.954m | -5.972m | -5.990m | -6.008m | -6.026m | -6.044m | -6.062m | -6.080m | -6.098m | -6.116m | -6.134m | -6.152m | -6.170m | -6.188m | -6.206m | -6.224m | -6.242m | -6.260m | -6.278m | -6.296m | -6.314m | -6.332m | -6.350m | -6.368m | -6.386m | -6.404m | -6.422m | -6.440m | -6.458m | -6.476m | -6.494m | -6.512m | -6.530m | -6.548m | -6.566m | -6.584m | -6.602m | -6.620m | -6.638m | -6.656m | -6.674m | -6.692m | -6.710m | -6.728m | -6.746m | -6.764m | -6.782m | -6.800m | -6.818m | -6.836m | -6.854m | -6.872m | -6.890m | -6.908m | -6.926m | -6.944m | -6.962m | -6.980m | -6.998m | -7.016m | -7.034m | -7.052m | -7.070m | -7.088m | -7.106m | -7.124m | -7.142m | -7.160m | -7.178m | -7.196m | -7.214m | -7.232m | -7.250m | -7.268m | -7.286m | -7.304m | -7.322m | -7.340m | -7.358m | -7.376m | -7.394m | -7.412m | -7.430m | -7.448m | -7.466m | -7.484m | -7.502m | -7.520m | -7.538m | -7.556m | -7.574m | -7.592m | -7.610m | -7.628m | -7.646m | -7.664m | -7.682m | -7.700m | -7.718m | -7.736m | -7.754m | -7.772m | -7.790m | -7.808m | -7.826m | -7.844m | -7.862m | -7.880m | -7.898m | -7.916m | -7.934m | -7.952m | -7.970m | -7.988m | -8.006m | -8.024m | -8.042m | -8.060m | -8.078m | -8.096m | -8.114m | -8.132m | -8.150m | -8.168m | -8.186m | -8.204m | -8.222m | -8.240m | -8.258m | -8.276m | -8.294m | -8.312m | -8.330m | -8.348m | -8.366m | -8.384m | -8.402m | -8.420m | -8.438m | -8.456m | -8.474m | -8.492m | -8.510m | -8.528m | -8.546m | -8.564m | -8.582m | -8.600m | -8.618m | -8.636m | -8.654m | -8.672m | -8.690m | -8.708m | -8.726m | -8.744m | -8.762m | -8.780m | -8.798m | -8.816m | -8.834m | -8.852m | -8.870m | -8.888m | -8.906m | -8.924m | -8.942m | -8.960m | -8.978m | -8.996m | -9.014m | -9.032m | -9.050m | -9.068m | -9.086m | -9.104m | -9.122m | -9.140m | -9.158m | -9.176m | -9.194m | -9.212m | -9.230m | -9.248m | -9.266m | -9.284m | -9.302m | -9.320m | -9.338m | -9.356m | -9.374m | -9.392m | -9.410m | -9.428m | -9.446m | -9.464m | -9.482m | -9.500m | -9.518m | -9.536m | -9.554m | -9.572m | -9.590m | -9.608m | -9.626m | -9.644m | -9.662m | -9.680m | -9.698m | -9.716m | -9.734m | -9.752m | -9.770m | -9.788m | -9.806m | -9.824m | -9.842m | -9.860m | -9.878m | -9.896m | -9.914m | -9.932m | -9.950m | -9.968m | -9.986m | -10.004m | -10.022m | -10.040m | -10.058m | -10.076m | -10.094m | -10.112m | -10.130m | -10.148m | -10.166m | -10.184m | -10.202m | -10.220m | -10.238m | -10.256m | -10.274m | -10.292m | -10.310m | -10.328m | -10.346m | -10.364m | -10.382m | -10.400m | -10.418m | -10.436m | -10.454m | -10.472m | -10.490m | -10.508m | -10.526m | -10.544m | -10.562m | -10.580m | -10.598m | -10.616m | -10.634m | -10.652m | -10.670m | -10.688m | -10.706m | -10.724m | -10.742m | -10.760m | -10.778m | -10.796m | -10.814m | -10.832m | -10.850m | -10.868m | -10.886m | -10.904m | -10.922m | -10.940m | -10.958m | -10.976m | -10.994m | -11.012m | -11.030m | -11.048m | -11.066m | -11.084m | -11.102m | -11.120m | -11.138m | -11.156m | -11.174m | -11.192m | -11.210m | -11.228m | -11.246m | -11.264m | -11.282m | -11.300m | -11.318m | -11.336m | -11.354m | -11.372m | -11.390m | -11.408m | -11.426m | -11.444m | -11.462m | -11.480m | -11.498m | -11.516m | -11.534m | -11.552m | -11.570m | -11.588m | -11.606m | -11.624m | -11.642m | -11.660m | -11.678m | -11.696m | -11.714m | -11.732m | -11.750m | -11.768m | -11.786m | -11.804m | -11.822m | -11.840m | -11.858m | -11.876m | -11.894m | -11.912m | -11.930m | -11.948m | -11.966m | -11.984m | -11.999m | -12.017m | -12.035m | -12.053m | -12.071m | -12.089m | -12.107m | -12.125m | -12.143m | -12.161m | -12.179m | -12.197m | -12.215m | -12.233m | -12.251m | -12.269m | -12.287m | -12.305m | -12.323m | -12.341m | -12.359m | -12.377m | -12.395m | -12.413m | -12.431m | -12.449m | -12.467m | -12.485m | -12.503m | -12.521m | -12.539m | -12.557m | -12.575m | -12.593m | -12.611m | -12.629m | -12.647m | -12.665m | -12.683m | -12.701m | -12.719m | -12.737m | -12.755m | -12.773m | -12.791m | -12.809m | -12.827m | -12.845m | -12.863m | -12.881m | -12.899m | -12.917m | -12.935m | -12.953m | -12.971m | -12.989m | -13.007m | -13.025m | -13.043m | -13.061m | -13.079m | -13.097m | -13.115m | -13.133m | -13.151m | -13.169m | -13.187m | -13.205m | -13.223m | -13.241m | -13.259m | -13.277m | -13.295m | -13.313m | -13.331m | -13.349m | -13.367m | -13.385m | -13.403m | -13.421m | -13.439m | -13.457m | -13.475m | -13.493m | -13.511m | -13.529m | -13.547m | -13.565m | -13.583m | -13.601m | -13.619m | -13.637m | -13.655m | -13.673m | -13.691m | -13.709m | -13.727m | -13.745m | -13.763m | -13.781m | -13.799m | -13.817m | -13.835m | -13.853m | -13.871m | -13.889m | -13.907m | -13.925m | -13.943m | -13.961m | -13.979m | -13.997m | -14.015m | -14.033m | -14.051m | -14.069m | -14.087m | -14.105m | -14.123m | -14.141m | -14.159m | -14.177m | -14.195m | -14.213m | -14.231m | -14.249m | -14.267m | -14.285m | -14.303m | -14.321m | -14.339m | -14.357m | -14.375m | -14.393m | -14.411m | -14.429m | -14.447m | -14.465m | -14.483m | -14.501m | -14.519m | -14.537m | -14.555m | -14.573m | -14.591m | -14.609m | -14.627m | -14.645m | -14.663m | -14.681m | -14.699m | -14.717m | -14.735m | -14.753m | -14.771m | -14.789m | -14.807m | -14.825m | -14.843m | -14.861m | -14.879m | -14.897m | -14.915m | -14.933m | -14.951m | -14.969m | -14.987m | -15.005m | -15.023m | -15.041m | -15.059m | -15.077m | -15.095m | -15.113m | -15.131m | -15.149m | -15.167m | -15.185m | -15.203m | -15.221m | -15.239m | -15.257m | -15.275m | -15.293m | -15.311m | -15.329m | -15.347m | -15.365m | -15.383m | -15.401m | -15.419m | -15.437m | -15.455m | -15.473m | -15.491m | -15.509m | -15.527m | -15.545m | -15.563m | -15.581m | -15.599m | -15.617m | -15.635m | -15.653m | -15.671m | -15.689m | -15.707m | -15.725m | -15.743m | -15.761m | -15.779m | -15.797m | -15.815m | -15.833m | -15.851m | -15.869m | -15.887m | -15.905m | -15.923m | -15.941m | -15.959m | -15.977m | -15.995m | -16.013m | -16.031m | -16.049m | -16.067m | -16.085m | -16.103m | -16.121m | -16.139m | -16.157m | -16.175m | -16.193m | -16.211m | -16.229m | -16.247m | -16.265m | -16.283m | -16.301m | -16.319m | -16.337m | -16.355m | - |



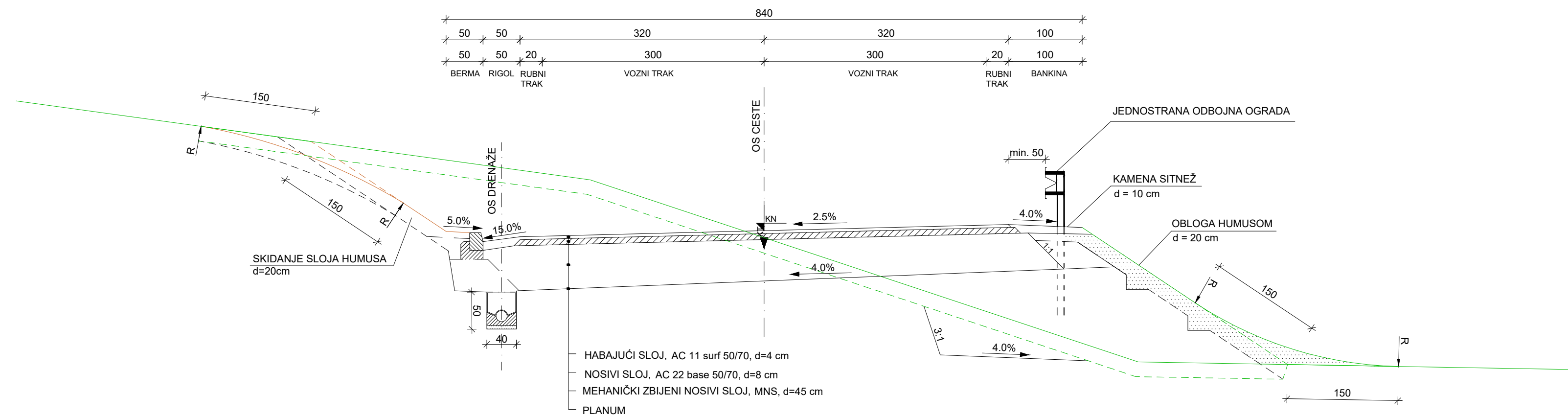
H=67.000 m.n.m.

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| Vertikalni elementi | 1.01% | | | | | | | | | | | | | | | | | | ST 0+581.624 H = 81.832 m | L = 68.262 m R = 2500 m | ST 0+649.915 H = 83.465 m | 3.74% | ST 0+722.169 H = 86.180 m | L = 93.164 m R = 2000 m | ST 0+796.989 H = 87.580 m | -0.92% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stacionaza | 0+000 | 0+020 | 0+040 | 0+060 | 0+080 | 0+100 | 0+120 | 0+140 | 0+160 | 0+180 | 0+200 | 0+220 | 0+240 | 0+260 | 0+280 | 0+300 | 0+320 | 0+340 | 0+360 | 0+380 | 0+400 | 0+420 | 0+440 | 0+460 | 0+480 | 0+500 | 0+520 | 0+540 | 0+560 | 0+580 | 0+600 | 0+620 | 0+640 | 0+660 | 0+680 | 0+700 | 0+720 | 0+740 | 0+760 | 0+780 | 0+800 | 0+820 | 0+840 | 0+860 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kote nivelete | 75.949 | 76.151 | 76.354 | 76.556 | 76.758 | 76.961 | 77.163 | 77.365 | 77.567 | 77.770 | 77.972 | 78.174 | 78.377 | 78.579 | 78.781 | 78.983 | 79.186 | 79.388 | 79.590 | 79.793 | 79.995 | 80.197 | 80.399 | 80.602 | 80.804 | 81.006 | 81.209 | 81.411 | 81.613 | 81.816 | 82.018 | 82.221 | 82.423 | 82.625 | 82.827 | 83.029 | 83.232 | 83.434 | 83.636 | 83.838 | 84.040 | 84.242 | 84.444 | 84.646 | 84.848 | 85.050 | 85.252 | 85.454 | 85.656 | 85.858 | 86.060 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kote terena | 75.949 | 76.031 | 76.102 | 76.156 | 76.200 | 76.244 | 76.288 | 76.332 | 76.376 | 76.420 | 76.464 | 76.508 | 76.552 | 76.596 | 76.640 | 76.684 | 76.728 | 76.772 | 76.816 | 76.860 | 76.904 | 76.948 | 76.992 | 77.036 | 77.080 | 77.124 | 77.168 | 77.212 | 77.256 | 77.300 | 77.344 | 77.388 | 77.432 | 77.476 | 77.520 | 77.564 | 77.608 | 77.652 | 77.696 | 77.740 | 77.784 | 77.828 | 77.872 | 77.916 | 77.960 | 78.004 | 78.048 | 78.092 | 78.136 | 78.180 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Delta Z | 0.000m | -0.120m | -0.252m | -0.454m | -0.648m | -0.832m | -1.006m | -1.170m | -1.324m | -1.468m | -1.602m | -1.726m | -1.840m | -1.944m | -2.038m | -2.122m | -2.196m | -2.260m | -2.314m | -2.358m | -2.392m | -2.416m | -2.430m | -2.444m | -2.458m | -2.472m | -2.486m | -2.490m | -2.494m | -2.498m | -2.502m | -2.506m | -2.510m | -2.514m | -2.518m | -2.522m | -2.526m | -2.530m | -2.534m | -2.538m | -2.542m | -2.546m | -2.550m | -2.554m | -2.558m | -2.562m | -2.566m | -2.570m | -2.574m | -2.578m | -2.582m | -2.586m | -2.590m | -2.594m | -2.598m | -2.602m | -2.606m | -2.610m | -2.614m | -2.618m | -2.622m | -2.626m | -2.630m | -2.634m | -2.638m | -2.642m | -2.646m | -2.650m | -2.654m | -2.658m | -2.662m | -2.666m | -2.670m | -2.674m | -2.678m | -2.682m | -2.686m | -2.690m | -2.694m | -2.698m | -2.702m | -2.706m | -2.710m | -2.714m | -2.718m | -2.722m | -2.726m | -2.730m | -2.734m | -2.738m | -2.742m | -2.746m | -2.750m | -2.754m | -2.758m | -2.762m | -2.766m | -2.770m | -2.774m | -2.778m | -2.782m | -2.786m | -2.790m | -2.794m | -2.798m | -2.802m | -2.806m | -2.810m | -2.814m | -2.818m | -2.822m | -2.826m | -2.830m | -2.834m | -2.838m | -2.842m | -2.846m | -2.850m | -2.854m | -2.858m | -2.862m | -2.866m | -2.870m | -2.874m | -2.878m | -2.882m | -2.886m | -2.890m | -2.894m | -2.898m | -2.902m | -2.906m | -2.910m | -2.914m | -2.918m | -2.922m | -2.926m | -2.930m | -2.934m | -2.938m | -2.942m | -2.946m | -2.950m | -2.954m | -2.958m | -2.962m | -2.966m | -2.970m | -2.974m | -2.978m | -2.982m | -2.986m | -2.990m | -2.994m | -2.998m | -3.002m | -3.006m | -3.010m | -3.014m | -3.018m | -3.022m | -3.026m | -3.030m | -3.034m | -3.038m | -3.042m | -3.046m | -3.050m | -3.054m | -3.058m | -3.062m | -3.066m | -3.070m | -3.074m | -3.078m | -3.082m | -3.086m | -3.090m | -3.094m | -3.098m | -3.102m | -3.106m | -3.110m | -3.114m | -3.118m | -3.122m | -3.126m | -3.130m | -3.134m | -3.138m | -3.142m | -3.146m | -3.150m | -3.154m | -3.158m | -3.162m | -3.166m | -3.170m | -3.174m | 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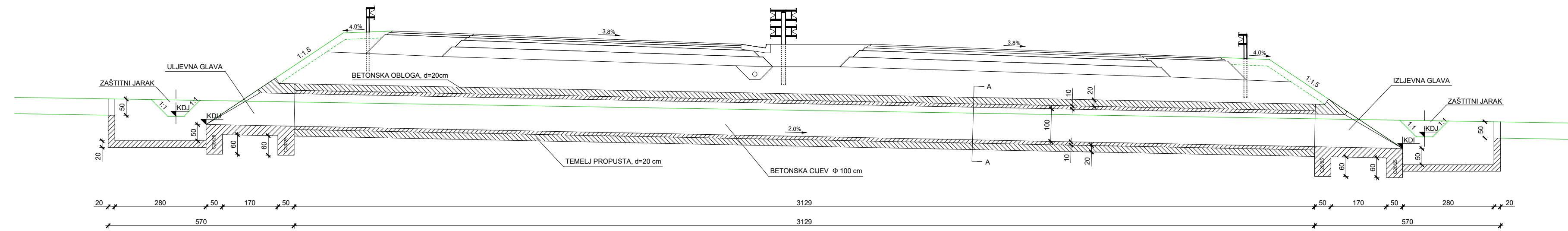




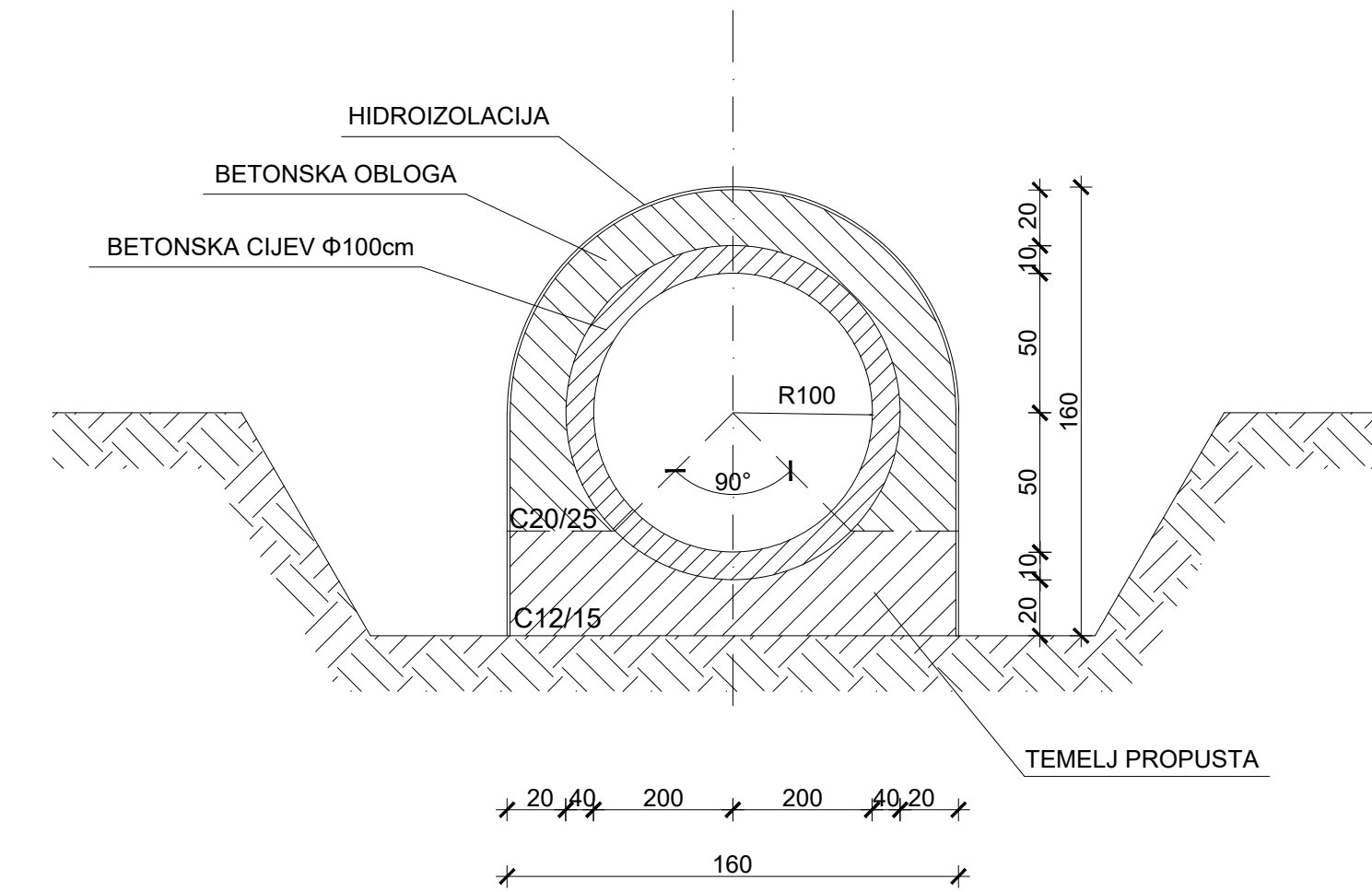
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| GRAĐEVINSKI FAKULTET SVEUČILIŠTA U ZAGREBU | | | |
| DIPLOMSKI RAD | | | |
| Prilog: Normalni poprečni profil , ŽC3288 | | Predano: rujan 2023. | |
| Mjerilo: 1:200 | Br.pr.: 11.3. | Rok pred.: rujan 2023. | |
| Izradila: Petra Kipa, 0082058844 | | Mentor: Izv. prof. dr. sc. Ivica Stančerić | |



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| GRAĐEVINSKI FAKULTET SVEUČILIŠTA U ZAGREBU | | |
| DIPLOMSKI RAD | | |
| Prilog: Normalni poprečni profil, ŽC3016 | Predano: rujan 2023. | Rok pred.: rujan 2023. |
| Mjerilo: 1:200 | Br.pr.: 11.4. | Mentor: Izv. prof. dr. sc. Ivica Stančerić |
| Izradila: Petra Kipa, 0082058844 | | |

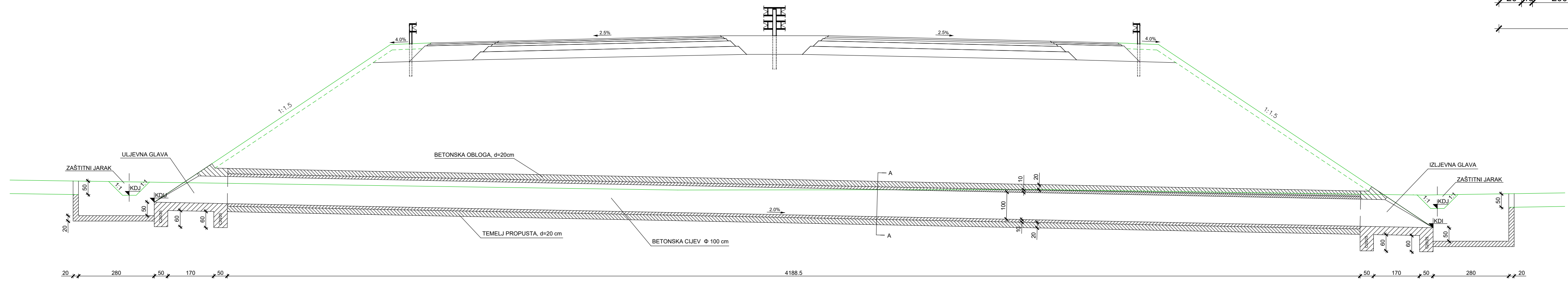
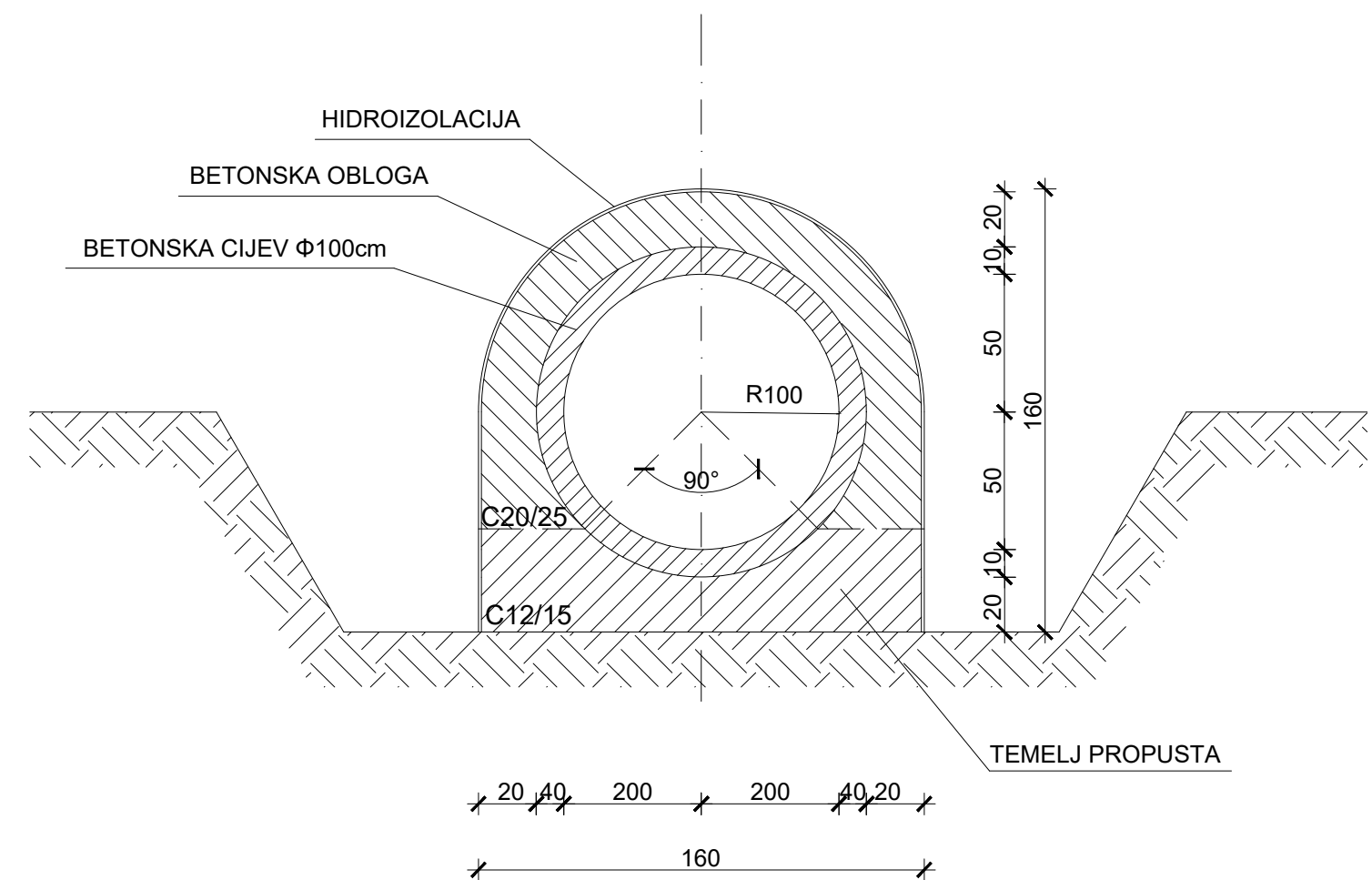


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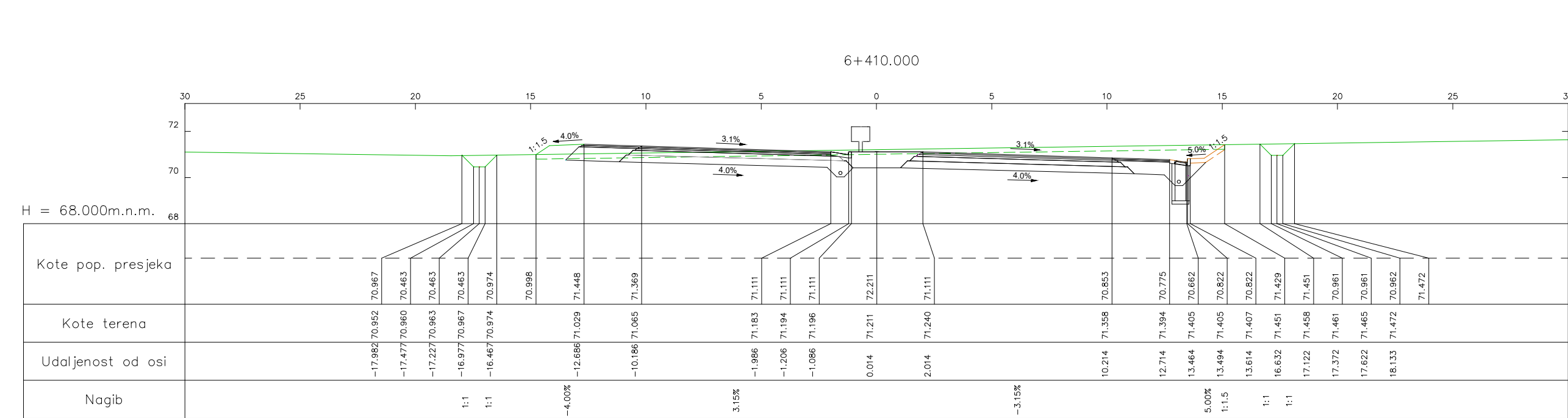
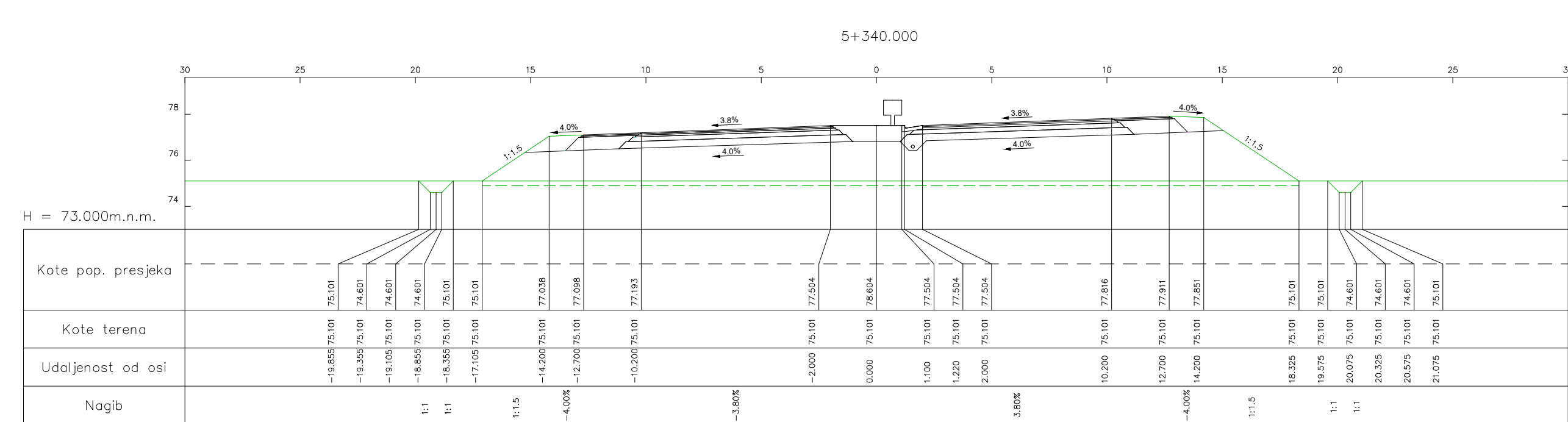
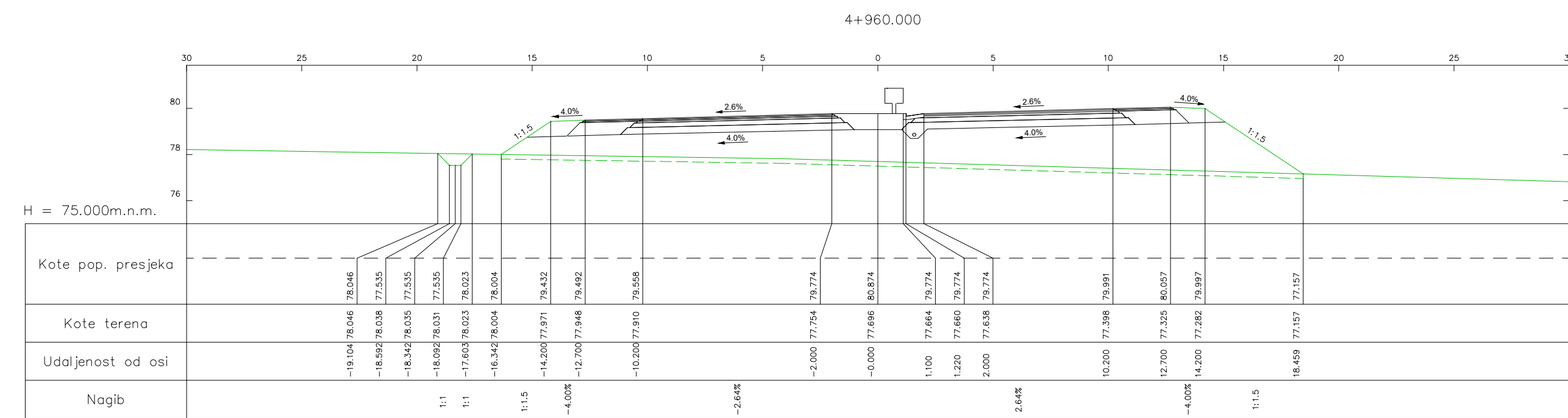
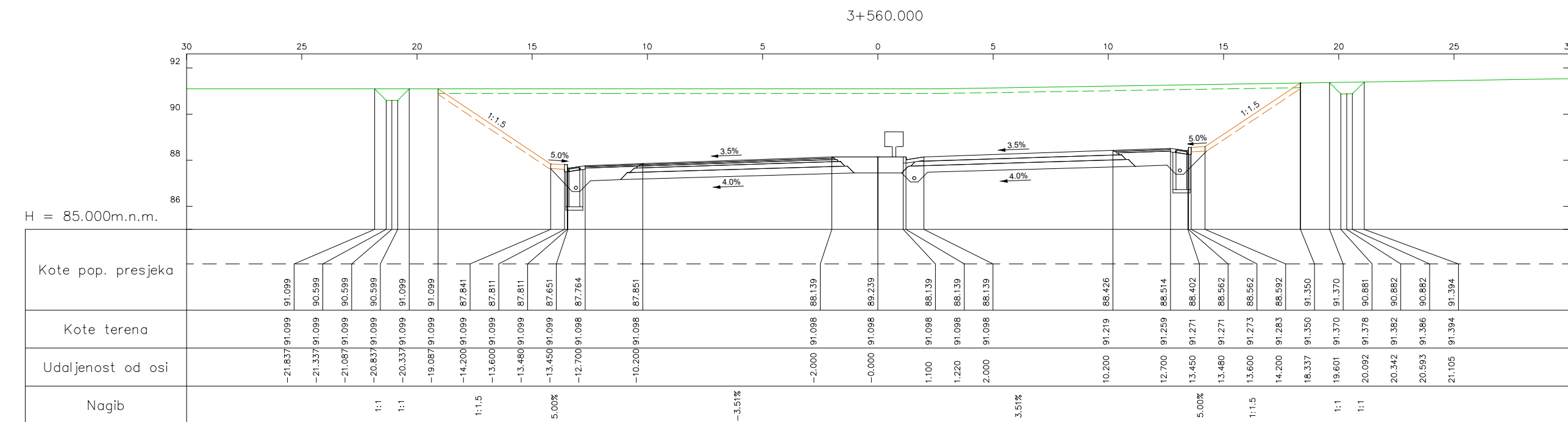


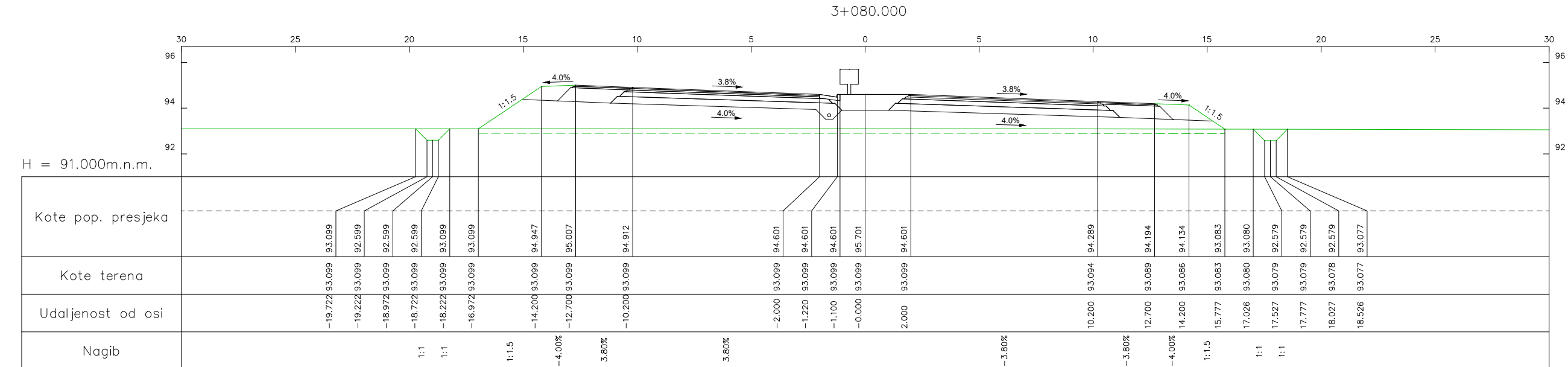
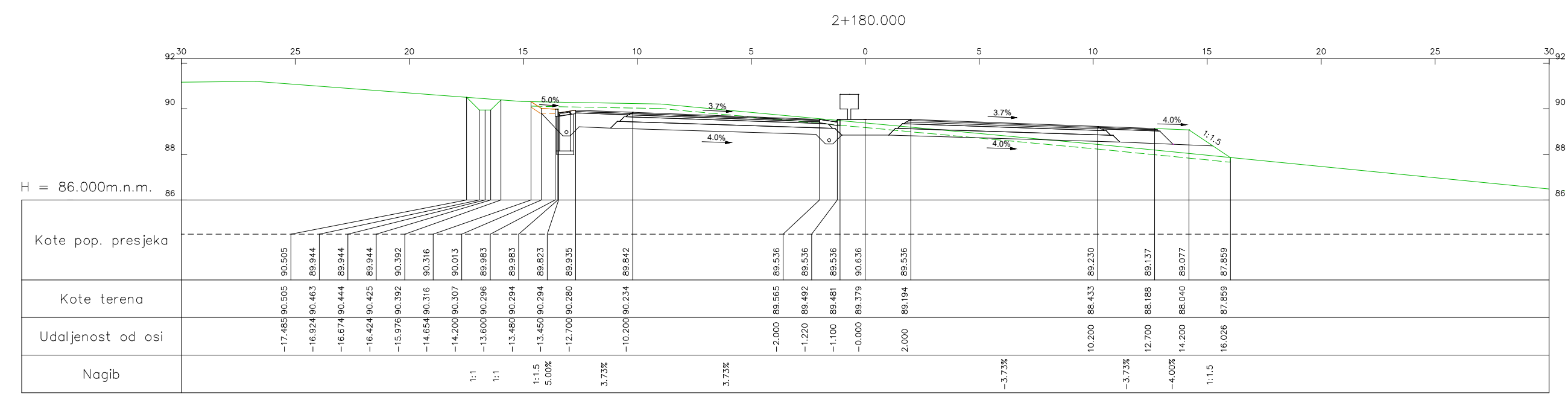
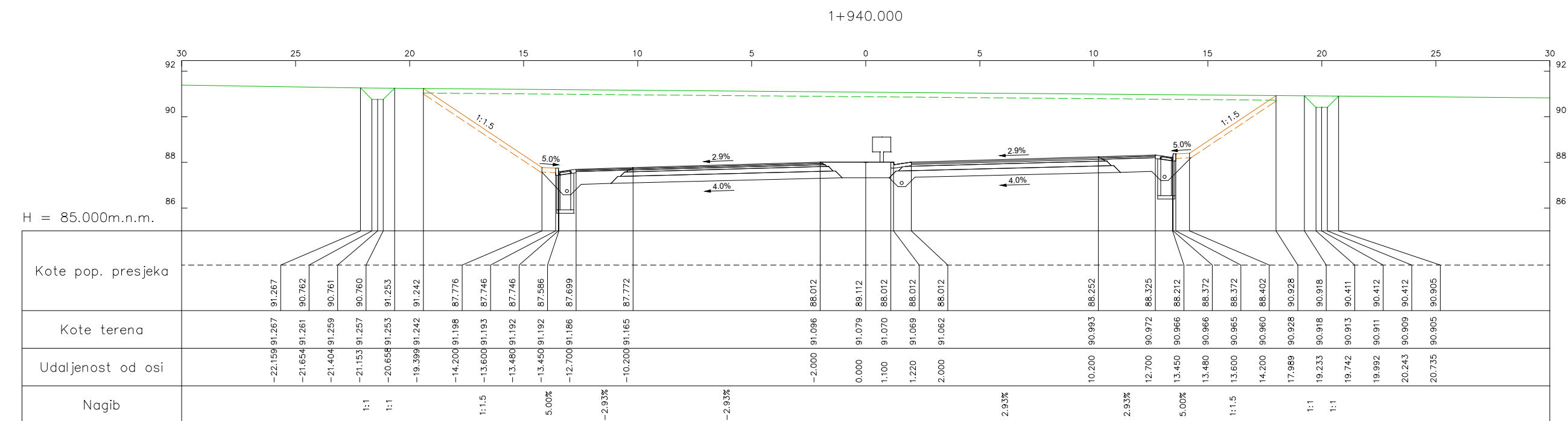
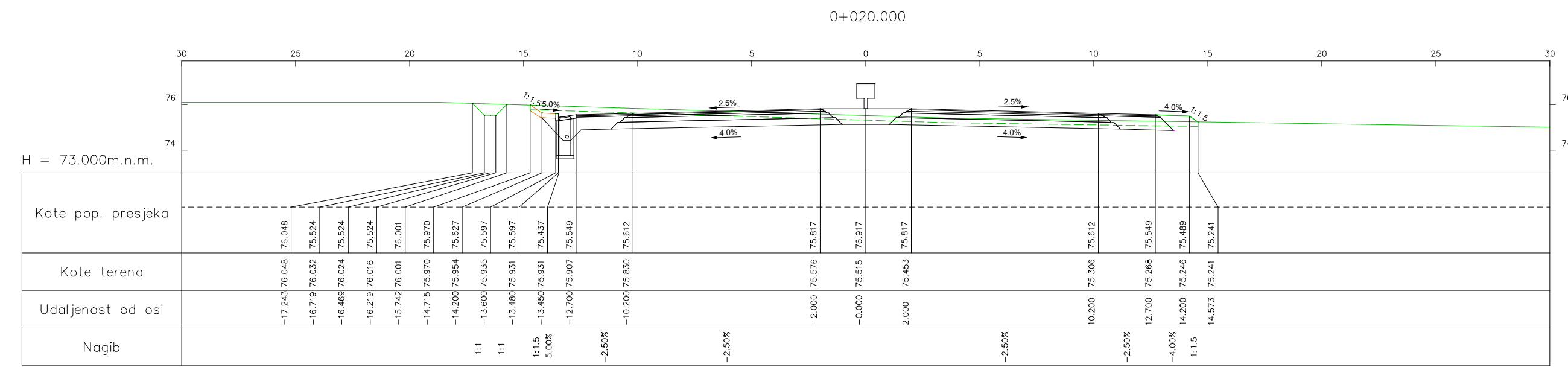
| | |
|--|--|
| GRAĐEVINSKI FAKULTET SVEUČILIŠTA U ZAGREBU | |
| DIPLOMSKI RAD | |
| Prilog: Karakteristični poprečni profil s propustom 7+103.301 [var. 1] | Predano: rujan 2023. Rok pred.: rujan 2023. |
| Mjerilo: 1:100 | Br.pr.: 12. |
| Izradila: Petra Kipa, 0082058844 | Mentor: Izv. prof. dr. sc. Ivica Stančević |

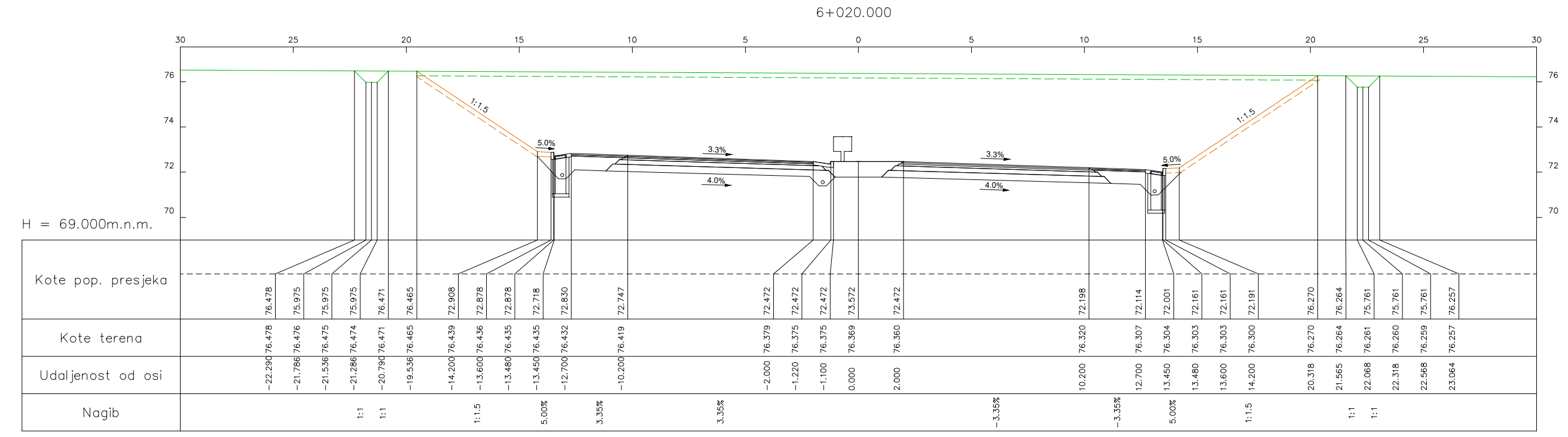
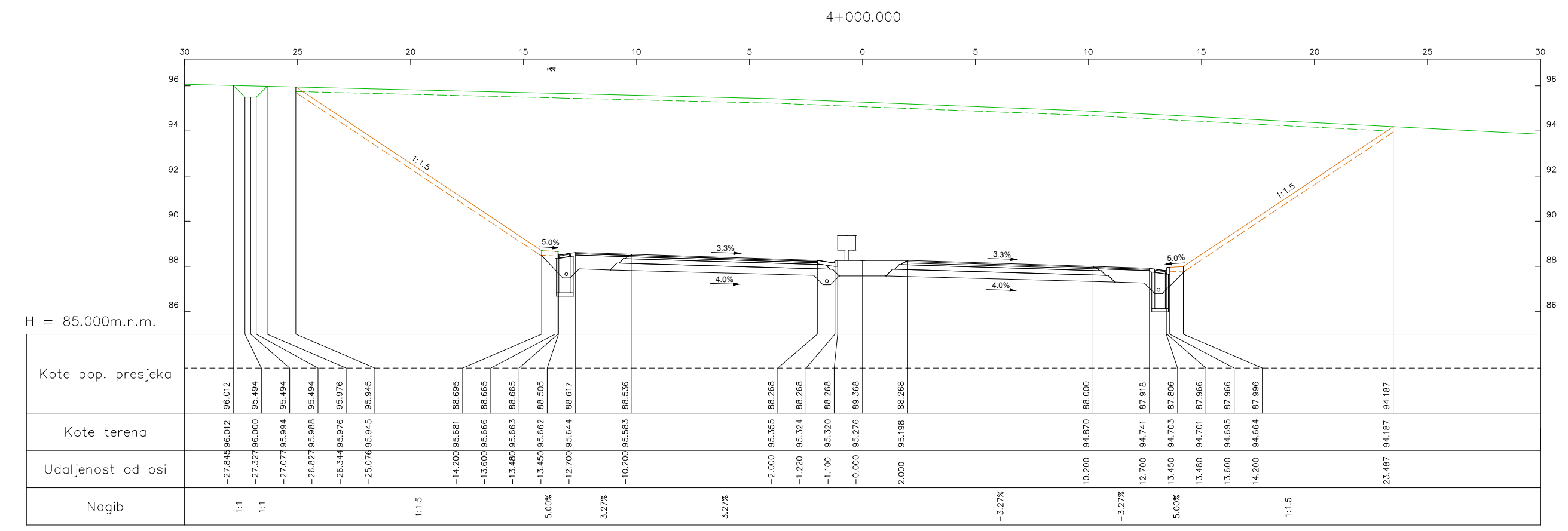
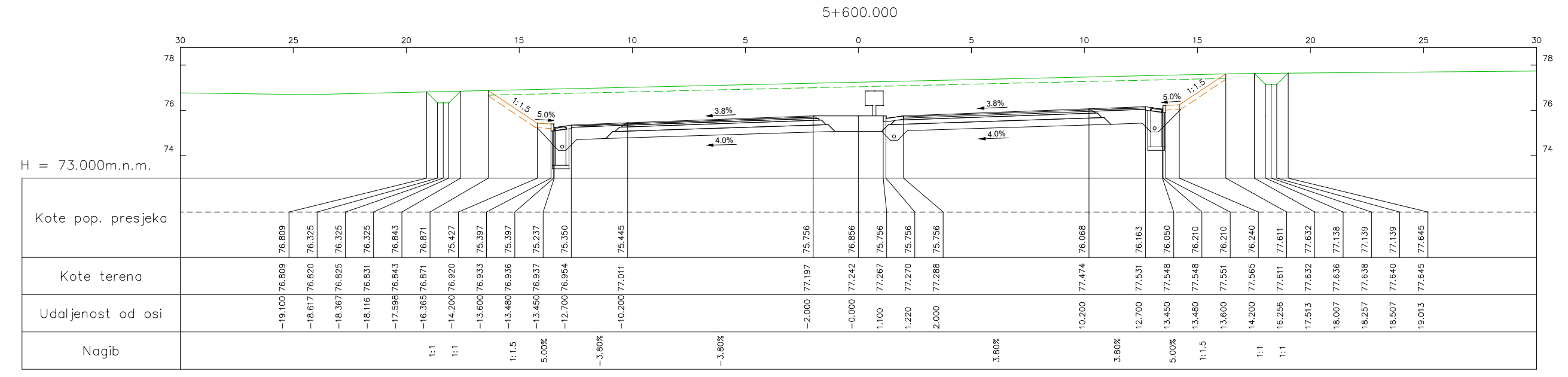
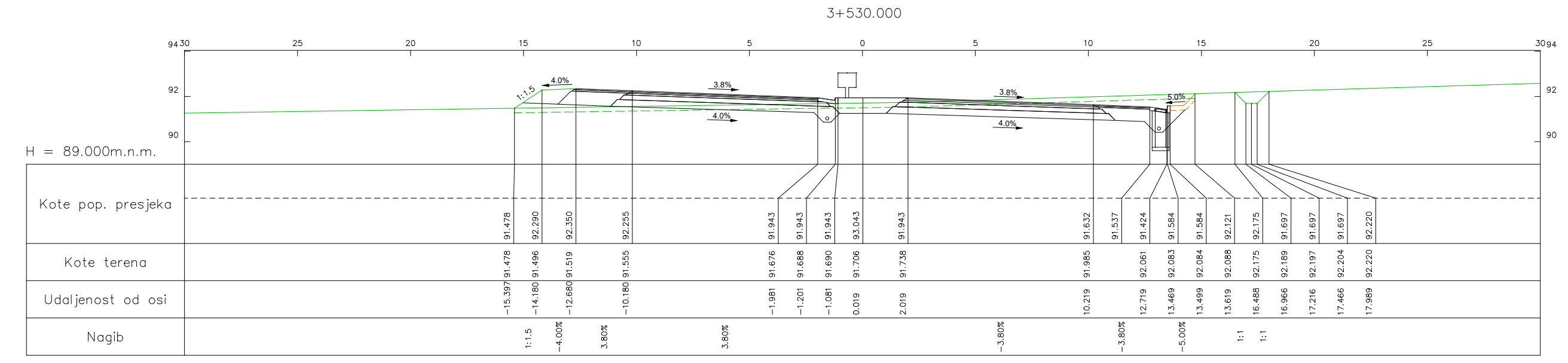
PRESJEK A-A, MJ. 1:25



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|---|--|
| GRAĐEVINSKI FAKULTET SVEUČILIŠTA U ZAGREBU | |
| DIPLOMSKI RAD | |
| Prilog: Karakteristični poprečni profil s propustom 0+710.701 [var. 2] | Predano: rujan 2023. Rok pred.: rujan 2023. |
| Mjerilo: 1:100 | Br.pr.: 13. |
| Izradila: Petra Kipa, 0082058844 | Mentor: Izv. prof. dr. sc. Ivica Stančević |







| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|--------------|
| 0.000 | 250.000 | 250.000 | 75.775 | 130.000 | 340.000 | 250.000 | Not Achieved |
| 10.000 | 250.000 | 250.000 | 76.006 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 20.000 | 250.000 | 250.000 | 76.238 | 130.000 | 340.000 | 230.000 | Not Achieved |
| 30.000 | 250.000 | 250.000 | 76.470 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 40.000 | 250.000 | 250.000 | 76.702 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 50.000 | 250.000 | 250.000 | 76.934 | 130.000 | 340.000 | 200.000 | Not Achieved |
| 60.000 | 250.000 | 250.000 | 77.165 | 130.000 | 340.000 | 190.000 | Not Achieved |
| 70.000 | 250.000 | 250.000 | 77.397 | 130.000 | 340.000 | 180.000 | Not Achieved |
| 80.000 | 250.000 | 250.000 | 77.629 | 130.000 | 340.000 | 170.000 | Not Achieved |
| 90.000 | 250.000 | 250.000 | 77.861 | 130.000 | 340.000 | 160.000 | Not Achieved |
| 100.000 | 250.000 | 250.000 | 78.093 | 130.000 | 340.000 | 150.000 | Not Achieved |
| 110.000 | 250.000 | 250.000 | 78.324 | 130.000 | 340.000 | 140.000 | Not Achieved |
| 120.000 | 250.000 | 250.000 | 78.556 | 130.000 | 340.000 | 130.000 | Not Achieved |
| 130.000 | 250.000 | 250.000 | 78.788 | 130.000 | 340.000 | 120.000 | Not Achieved |
| 149.999 | 490.000 | 490.000 | 79.414 | 130.000 | 340.000 | 340.001 | Achieved |
| 169.998 | 510.000 | 510.000 | 79.878 | 130.000 | 340.000 | 340.002 | Achieved |
| 179.998 | 520.000 | 520.000 | 80.109 | 130.000 | 340.000 | 340.002 | Achieved |
| 189.998 | 530.000 | 530.000 | 80.341 | 130.000 | 340.000 | 340.002 | Achieved |
| 209.998 | 550.000 | 550.000 | 80.805 | 130.000 | 340.000 | 340.002 | Achieved |
| 229.999 | 570.000 | 570.000 | 81.269 | 130.000 | 340.000 | 340.001 | Achieved |
| 250.000 | 590.000 | 590.000 | 81.453 | 130.000 | 340.000 | 340.000 | Achieved |
| 260.000 | 590.000 | 590.000 | 81.522 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 270.000 | 600.000 | 600.000 | 81.755 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 280.000 | 600.000 | 600.000 | 81.985 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 290.000 | 600.000 | 600.000 | 82.218 | 130.000 | 340.000 | 310.000 | Not Achieved |
| 300.000 | 600.000 | 600.000 | 82.449 | 130.000 | 340.000 | 300.000 | Not Achieved |
| 310.000 | 600.000 | 600.000 | 82.682 | 130.000 | 340.000 | 290.000 | Not Achieved |
| 320.000 | 600.000 | 600.000 | 82.913 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 330.000 | 600.000 | 600.000 | 83.145 | 130.000 | 340.000 | 270.000 | Not Achieved |
| 340.000 | 610.000 | 610.000 | 83.376 | 130.000 | 340.000 | 270.000 | Not Achieved |
| 350.000 | 610.000 | 610.000 | 83.609 | 130.000 | 340.000 | 260.000 | Not Achieved |
| 360.000 | 610.000 | 610.000 | 83.840 | 130.000 | 340.000 | 250.000 | Not Achieved |
| 370.000 | 610.000 | 610.000 | 84.072 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 380.000 | 620.000 | 620.000 | 84.303 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 390.000 | 620.000 | 620.000 | 84.536 | 130.000 | 340.000 | 230.000 | Not Achieved |
| 400.000 | 620.000 | 620.000 | 84.767 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 410.000 | 630.000 | 630.000 | 85.000 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 420.000 | 630.000 | 630.000 | 85.231 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 430.000 | 660.000 | 660.000 | 85.463 | 130.000 | 340.000 | 230.000 | Not Achieved |
| 440.000 | 660.000 | 660.000 | 85.694 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 450.000 | 670.000 | 670.000 | 85.926 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 460.000 | 680.000 | 680.000 | 86.158 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 470.000 | 690.000 | 690.000 | 86.391 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 480.000 | 700.000 | 700.000 | 86.621 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 490.000 | 710.000 | 710.000 | 86.854 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 500.000 | 720.000 | 720.000 | 87.085 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 510.000 | 730.000 | 730.000 | 87.317 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 520.000 | 740.000 | 740.000 | 87.549 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 530.000 | 750.000 | 750.000 | 87.781 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 540.000 | 760.000 | 760.000 | 88.012 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 550.000 | 770.000 | 770.000 | 88.245 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 560.000 | 780.000 | 780.000 | 88.476 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 570.000 | 790.000 | 790.000 | 88.708 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 580.000 | 800.000 | 800.000 | 88.939 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 590.000 | 810.000 | 810.000 | 89.173 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 600.000 | 820.000 | 820.000 | 89.403 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 610.000 | 830.000 | 830.000 | 89.636 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 620.000 | 840.000 | 840.000 | 89.867 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 630.000 | 860.000 | 860.000 | 90.099 | 130.000 | 340.000 | 230.000 | Not Achieved |
| 640.000 | 890.000 | 890.000 | 90.330 | 130.000 | 340.000 | 250.000 | Not Achieved |
| 650.000 | 920.000 | 920.000 | 90.563 | 130.000 | 340.000 | 270.000 | Not Achieved |
| 660.000 | 980.000 | 980.000 | 90.794 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 670.000 | 1.010.000 | 1.010.000 | 91.027 | 130.000 | 340.000 | 340.000 | Achieved |
| 680.000 | 1.020.000 | 1.020.000 | 91.257 | 130.000 | 340.000 | 340.000 | Achieved |
| 690.000 | 1.030.000 | 1.030.000 | 91.490 | 130.000 | 340.000 | 340.000 | Achieved |
| 700.000 | 1.040.000 | 1.040.000 | 91.721 | 130.000 | 340.000 | 340.000 | Achieved |
| 710.000 | 1.050.000 | 1.050.000 | 91.954 | 130.000 | 340.000 | 340.000 | Achieved |
| 720.000 | 1.060.000 | 1.060.000 | 92.185 | 130.000 | 340.000 | 340.000 | Achieved |
| 730.000 | 1.070.000 | 1.070.000 | 92.418 | 130.000 | 340.000 | 340.000 | Achieved |
| 740.000 | 1.080.000 | 1.080.000 | 92.648 | 130.000 | 340.000 | 340.000 | Achieved |
| 750.000 | 1.090.000 | 1.090.000 | 92.880 | 130.000 | 340.000 | 340.000 | Achieved |
| 760.000 | 1.090.000 | 1.090.000 | 93.108 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 770.000 | 1.090.000 | 1.090.000 | 93.334 | 130.000 | 340.000 | 320.000 | Not Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|--------------|
| 780.000 | 1.090.000 | 1.090.000 | 93.555 | 130.000 | 340.000 | 310.000 | Not Achieved |
| 790.000 | 1.090.000 | 1.090.000 | 93.774 | 130.000 | 340.000 | 300.000 | Not Achieved |
| 800.000 | 1.090.000 | 1.090.000 | 93.989 | 130.000 | 340.000 | 290.000 | Not Achieved |
| 810.000 | 1.100.000 | 1.100.000 | 94.201 | 130.000 | 340.000 | 290.000 | Not Achieved |
| 820.000 | 1.100.000 | 1.100.000 | 94.409 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 830.000 | 1.100.000 | 1.100.000 | 94.615 | 130.000 | 340.000 | 270.000 | Not Achieved |
| 840.000 | 1.100.000 | 1.100.000 | 94.816 | 130.000 | 340.000 | 260.000 | Not Achieved |
| 850.000 | 1.100.000 | 1.100.000 | 95.016 | 130.000 | 340.000 | 250.000 | Not Achieved |
| 860.000 | 1.100.000 | 1.100.000 | 95.210 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 870.000 | 1.100.000 | 1.100.000 | 95.402 | 130.000 | 340.000 | 230.000 | Not Achieved |
| 880.000 | 1.110.000 | 1.110.000 | 95.590 | 130.000 | 340.000 | 230.000 | Not Achieved |
| 890.000 | 1.110.000 | 1.110.000 | 95.776 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 900.000 | 1.110.000 | 1.110.000 | 95.957 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 910.000 | 1.120.000 | 1.120.000 | 96.136 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 920.000 | 1.120.000 | 1.120.000 | 96.311 | 130.000 | 340.000 | 200.000 | Not Achieved |
| 930.000 | 1.130.000 | 1.130.000 | 96.483 | 130.000 | 340.000 | 200.000 | Not Achieved |
| 940.000 | 1.130.000 | 1.130.000 | 96.651 | 130.000 | 340.000 | 190.000 | Not Achieved |
| 950.000 | 1.140.000 | 1.140.000 | 96.817 | 130.000 | 340.000 | 190.000 | Not Achieved |
| 960.000 | 1.150.000 | 1.150.000 | 96.978 | 130.000 | 340.000 | 190.000 | Not Achieved |
| 970.000 | 1.160.000 | 1.160.000 | 97.137 | 130.000 | 340.000 | 190.000 | Not Achieved |
| 980.000 | 1.170.000 | 1.170.000 | 97.292 | 130.000 | 340.000 | 190.000 | Not Achieved |
| 990.000 | 1.180.000 | 1.180.000 | 97.444 | 130.000 | 340.000 | 190.000 | Not Achieved |
| 1.000.000 | 1.200.000 | 1.200.000 | 97.592 | 130.000 | 340.000 | 200.000 | Not Achieved |
| 1.010.000 | 1.220.000 | 1.220.000 | 97.738 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.020.000 | 1.230.000 | 1.230.000 | 97.879 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.030.000 | 1.240.000 | 1.240.000 | 98.019 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.040.000 | 1.250.000 | 1.250.000 | 98.153 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.050.000 | 1.260.000 | 1.260.000 | 98.285 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.060.000 | 1.270.000 | 1.270.000 | 98.413 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.070.000 | 1.280.000 | 1.280.000 | 98.538 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.080.000 | 1.290.000 | 1.290.000 | 98.660 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.090.000 | 1.300.000 | 1.300.000 | 98.779 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.100.000 | 1.310.000 | 1.310.000 | 98.894 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.110.000 | 1.320.000 | 1.320.000 | 99.006 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.120.000 | 1.330.000 | 1.330.000 | 99.114 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.130.000 | 1.340.000 | 1.340.000 | 99.219 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.140.000 | 1.360.000 | 1.360.000 | 99.321 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 1.150.000 | 1.360.000 | 1.360.000 | 99.420 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.160.000 | 1.370.000 | 1.370.000 | 99.515 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.170.000 | 1.380.000 | 1.380.000 | 99.607 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.180.000 | 1.390.000 | 1.390.000 | 99.695 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.190.000 | 1.400.000 | 1.400.000 | 99.780 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.200.000 | 1.410.000 | 1.410.000 | 99.862 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.210.000 | 1.420.000 | 1.420.000 | 99.941 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.220.000 | 1.420.000 | 1.420.000 | 100.015 | 130.000 | 340.000 | 200.000 | Not Achieved |
| 1.230.000 | 1.430.000 | 1.430.000 | 100.088 | 130.000 | 340.000 | 200.000 | Not Achieved |
| 1.240.000 | 1.430.000 | 1.430.000 | 100.156 | 130.000 | 340.000 | 190.000 | Not Achieved |
| 1.250.000 | 1.440.000 | 1.440.000 | 100.221 | 130.000 | 340.000 | 190.000 | Not Achieved |
| 1.260.000 | 1.450.000 | 1.450.000 | 100.283 | 130.000 | 340.000 | 190.000 | Not Achieved |
| 1.270.000 | 1.480.000 | 1.480.000 | 100.342 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.280.000 | 1.490.000 | 1.490.000 | 100.396 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.290.000 | 1.500.000 | 1.500.000 | 100.449 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.300.000 | 1.510.000 | 1.510.000 | 100.496 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.310.000 | 1.520.000 | 1.520.000 | 100.542 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.320.000 | 1.540.000 | 1.540.000 | 100.583 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 1.330.000 | 1.540.000 | 1.540.000 | 100.622 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.340.000 | 1.550.000 | 1.550.000 | 100.657 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.350.000 | 1.560.000 | 1.560.000 | 100.690 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.360.000 | 1.570.000 | 1.570.000 | 100.717 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.370.000 | 1.580.000 | 1.580.000 | 100.743 | 130.000 | 340.000 | 210.000 | Not Achieved |
| 1.380.000 | 1.580.000 | 1.580.000 | 100.764 | 130.000 | 340.000 | 200.000 | Not Achieved |
| 1.390.000 | 1.580.000 | 1.580.000 | 100.783 | 130.000 | 340.000 | 190.000 | Not Achieved |
| 1.400.000 | 1.590.000 | 1.590.000 | 100.798 | 130.000 | 340.000 | 190.000 | Not Achieved |
| 1.410.000 | 1.600.000 | 1.600.000 | 100.810 | 130.000 | 340.000 | 190.000 | Not Achieved |
| 1.420.000 | 1.640.000 | 1.640.000 | 100.818 | 130.000 | 340.000 | 220.000 | Not Achieved |
| 1.430.000 | 1.660.000 | 1.660.000 | 100.824 | 130.000 | 340.000 | 230.000 | Not Achieved |
| 1.440.000 | 1.700.000 | 1.700.000 | 100.825 | 130.000 | 340.000 | 260.000 | Not Achieved |
| 1.450.000 | 1.750.000 | 1.750.000 | 100.824 | 130.000 | 340.000 | 300.000 | Not Achieved |
| 1.460.000 | 1.800.000 | 1.800.000 | 100.819 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.470.000 | 1.810.000 | 1.810.000 | 100.811 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.480.000 | 1.820.000 | 1.820.000 | 100.799 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.490.000 | 1.830.000 | 1.830.000 | 100.785 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.500.000 | 1.840.000 | 1.840.000 | 100.766 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 1.510.000 | 1.850.000 | 1.850.000 | 100.745 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.520.000 | 1.860.000 | 1.860.000 | 100.720 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.530.000 | 1.870.000 | 1.870.000 | 100.692 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.540.000 | 1.880.000 | 1.880.000 | 100.660 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.550.000 | 1.890.000 | 1.890.000 | 100.626 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.560.000 | 1.900.000 | 1.900.000 | 100.587 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.570.000 | 1.910.000 | 1.910.000 | 100.545 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.580.000 | 1.920.016 | 1.920.016 | 100.500 | 130.000 | 340.000 | 340.016 | Achieved |
| 1.600.000 | 1.940.015 | 1.940.015 | 100.401 | 130.000 | 340.000 | 340.015 | Achieved |
| 1.610.000 | 1.950.000 | 1.950.000 | 100.346 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.620.000 | 1.960.000 | 1.960.000 | 100.288 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.630.000 | 1.970.000 | 1.970.000 | 100.228 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.640.000 | 1.980.001 | 1.980.001 | 100.168 | 130.000 | 340.000 | 340.001 | Achieved |
| 1.650.000 | 1.990.001 | 1.990.001 | 100.109 | 130.000 | 340.000 | 340.001 | Achieved |
| 1.660.000 | 2.000.001 | 2.000.001 | 100.049 | 130.000 | 340.000 | 340.001 | Achieved |
| 1.670.000 | 2.010.001 | 2.010.001 | 99.990 | 130.000 | 340.000 | 340.001 | Achieved |
| 1.680.000 | 2.020.000 | 2.020.000 | 99.929 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.690.000 | 2.030.000 | 2.030.000 | 99.869 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.710.000 | 2.050.000 | 2.050.000 | 99.751 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.720.000 | 2.059.999 | 2.059.999 | 99.690 | 130.000 | 340.000 | 339.999 | Achieved |
| 1.730.000 | 2.070.001 | 2.070.001 | 99.632 | 130.000 | 340.000 | 340.001 | Achieved |
| 1.750.000 | 2.090.000 | 2.090.000 | 99.511 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.760.000 | 2.100.001 | 2.100.001 | 99.451 | 130.000 | 340.000 | 340.001 | Achieved |
| 1.770.000 | 2.110.000 | 2.110.000 | 99.393 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.780.000 | 2.120.000 | 2.120.000 | 99.332 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.790.000 | 2.129.999 | 2.129.999 | 99.273 | 130.000 | 340.000 | 339.999 | Achieved |
| 1.800.000 | 2.140.006 | 2.140.006 | 99.212 | 130.000 | 340.000 | 340.006 | Achieved |
| 1.820.000 | 2.160.005 | 2.160.005 | 99.093 | 130.000 | 340.000 | 340.005 | Achieved |
| 1.830.000 | 2.170.004 | 2.170.004 | 99.034 | 130.000 | 340.000 | 340.004 | Achieved |
| 1.840.000 | 2.180.004 | 2.180.004 | 98.973 | 130.000 | 340.000 | 340.004 | Achieved |
| 1.850.000 | 2.190.002 | 2.190.002 | 98.915 | 130.000 | 340.000 | 340.002 | Achieved |
| 1.860.000 | 2.200.000 | 2.200.000 | 98.854 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.870.000 | 2.210.000 | 2.210.000 | 98.794 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.880.000 | 2.220.000 | 2.220.000 | 98.734 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.890.000 | 2.230.000 | 2.230.000 | 98.675 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.900.000 | 2.240.000 | 2.240.000 | 98.615 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.910.000 | 2.250.000 | 2.250.000 | 98.556 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.929.998 | 2.270.000 | 2.270.000 | 98.465 | 130.000 | 340.000 | 340.002 | Achieved |
| 1.950.000 | 2.290.000 | 2.290.000 | 98.398 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.960.000 | 2.300.000 | 2.300.000 | 98.371 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.970.000 | 2.310.000 | 2.310.000 | 98.331 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.980.001 | 2.320.000 | 2.320.000 | 98.305 | 130.000 | 340.000 | 339.999 | Achieved |
| 1.990.001 | 2.330.000 | 2.330.000 | 98.265 | 130.000 | 340.000 | 339.999 | Achieved |
| 2.010.001 | 2.350.000 | 2.350.000 | 98.199 | 130.000 | 340.000 | 339.999 | Achieved |
| 2.020.000 | 2.360.000 | 2.360.000 | 98.173 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.030.000 | 2.370.000 | 2.370.000 | 98.154 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.039.999 | 2.380.000 | 2.380.000 | 98.176 | 130.000 | 340.000 | 340.001 | Achieved |
| 2.050.000 | 2.390.000 | 2.390.000 | 98.165 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.059.999 | 2.400.000 | 2.400.000 | 98.187 | 130.000 | 340.000 | 340.001 | Achieved |
| 2.070.001 | 2.410.000 | 2.410.000 | 98.189 | 130.000 | 340.000 | 339.999 | Achieved |
| 2.079.998 | 2.420.000 | 2.420.000 | 98.153 | 130.000 | 340.000 | 340.002 | Achieved |
| 2.090.000 | 2.430.000 | 2.430.000 | 98.103 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.100.001 | 2.440.000 | 2.440.000 | 98.057 | 130.000 | 340.000 | 339.999 | Achieved |
| 2.110.000 | 2.450.000 | 2.450.000 | 98.005 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.120.000 | 2.460.000 | 2.460.000 | 97.960 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.129.999 | 2.470.000 | 2.470.000 | 97.909 | 130.000 | 340.000 | 340.001 | Achieved |
| 2.149.997 | 2.490.000 | 2.490.000 | 97.812 | 130.000 | 340.000 | 340.003 | Achieved |
| 2.200.000 | 2.540.000 | 2.540.000 | 97.570 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.210.000 | 2.550.000 | 2.550.000 | 97.510 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.220.000 | 2.560.000 | 2.560.000 | 97.450 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.230.000 | 2.570.000 | 2.570.000 | 97.391 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.240.000 | 2.580.000 | 2.580.000 | 97.331 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.250.000 | 2.590.000 | 2.590.000 | 97.272 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.260.000 | 2.600.000 | 2.600.000 | 97.211 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.270.000 | 2.610.000 | 2.610.000 | 97.152 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.280.000 | 2.620.000 | 2.620.000 | 97.092 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.290.000 | 2.630.000 | 2.630.000 | 97.032 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.300.000 | 2.640.000 | 2.640.000 | 96.972 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.310.000 | 2.650.000 | 2.650.000 | 96.913 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.320.000 | 2.660.000 | 2.660.000 | 96.853 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.330.000 | 2.670.000 | 2.670.000 | 96.794 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.340.000 | 2.680.000 | 2.680.000 | 96.733 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.350.000 | 2.690.000 | 2.690.000 | 96.674 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 2.360.000 | 2.700.000 | 2.700.000 | 96.614 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.370.000 | 2.710.000 | 2.710.000 | 96.555 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.380.000 | 2.720.000 | 2.720.000 | 96.494 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.390.000 | 2.730.000 | 2.730.000 | 96.436 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.400.000 | 2.740.000 | 2.740.000 | 96.375 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.410.000 | 2.750.000 | 2.750.000 | 96.316 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.420.000 | 2.760.000 | 2.760.000 | 96.255 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.430.000 | 2.770.000 | 2.770.000 | 96.196 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.440.000 | 2.780.000 | 2.780.000 | 96.136 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.450.000 | 2.790.000 | 2.790.000 | 96.077 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.460.000 | 2.800.000 | 2.800.000 | 96.016 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.470.000 | 2.810.000 | 2.810.000 | 95.957 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.480.000 | 2.820.000 | 2.820.000 | 95.897 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.490.000 | 2.830.000 | 2.830.000 | 95.837 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.500.000 | 2.840.000 | 2.840.000 | 95.777 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.510.000 | 2.850.000 | 2.850.000 | 95.718 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.520.000 | 2.860.000 | 2.860.000 | 95.658 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.530.000 | 2.870.000 | 2.870.000 | 95.599 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.540.000 | 2.880.000 | 2.880.000 | 95.538 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.550.000 | 2.890.000 | 2.890.000 | 95.479 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.560.000 | 2.900.000 | 2.900.000 | 95.419 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.570.000 | 2.910.000 | 2.910.000 | 95.360 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.580.000 | 2.920.000 | 2.920.000 | 95.299 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.590.000 | 2.930.000 | 2.930.000 | 95.241 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.600.000 | 2.940.000 | 2.940.000 | 95.180 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.610.000 | 2.950.000 | 2.950.000 | 95.121 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.620.000 | 2.960.000 | 2.960.000 | 95.060 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.630.000 | 2.970.000 | 2.970.000 | 95.001 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.640.000 | 2.980.000 | 2.980.000 | 94.941 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.650.000 | 2.990.000 | 2.990.000 | 94.882 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.660.000 | 3.000.000 | 3.000.000 | 94.821 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.670.000 | 3.010.000 | 3.010.000 | 94.762 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.680.000 | 3.020.000 | 3.020.000 | 94.702 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.690.000 | 3.030.000 | 3.030.000 | 94.642 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.700.000 | 3.040.000 | 3.040.000 | 94.583 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.710.000 | 3.050.000 | 3.050.000 | 94.523 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.720.000 | 3.060.000 | 3.060.000 | 94.463 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.730.000 | 3.070.000 | 3.070.000 | 94.404 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.740.000 | 3.080.000 | 3.080.000 | 94.344 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.750.000 | 3.090.000 | 3.090.000 | 94.284 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.760.000 | 3.100.000 | 3.100.000 | 94.224 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.770.000 | 3.110.000 | 3.110.000 | 94.165 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.780.000 | 3.120.000 | 3.120.000 | 94.105 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.790.000 | 3.130.000 | 3.130.000 | 94.046 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.800.000 | 3.140.000 | 3.140.000 | 93.985 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.810.000 | 3.150.000 | 3.150.000 | 93.926 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.820.000 | 3.160.000 | 3.160.000 | 93.866 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.830.000 | 3.170.000 | 3.170.000 | 93.806 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.840.000 | 3.180.000 | 3.180.000 | 93.746 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.850.000 | 3.190.000 | 3.190.000 | 93.687 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.860.000 | 3.200.000 | 3.200.000 | 93.627 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.870.000 | 3.210.000 | 3.210.000 | 93.568 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.880.000 | 3.220.000 | 3.220.000 | 93.507 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.890.000 | 3.230.000 | 3.230.000 | 93.447 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.900.000 | 3.240.000 | 3.240.000 | 93.388 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.910.000 | 3.250.000 | 3.250.000 | 93.328 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.920.000 | 3.260.000 | 3.260.000 | 93.268 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.930.000 | 3.270.000 | 3.270.000 | 93.209 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.940.000 | 3.280.000 | 3.280.000 | 93.149 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.950.000 | 3.290.000 | 3.290.000 | 93.089 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.960.000 | 3.300.000 | 3.300.000 | 93.029 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.970.000 | 3.310.000 | 3.310.000 | 92.970 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.980.000 | 3.320.000 | 3.320.000 | 92.910 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.990.000 | 3.330.000 | 3.330.000 | 92.851 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.000.000 | 3.340.000 | 3.340.000 | 92.790 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.010.000 | 3.350.000 | 3.350.000 | 92.731 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.020.000 | 3.360.000 | 3.360.000 | 92.671 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.030.000 | 3.370.000 | 3.370.000 | 92.611 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.040.000 | 3.380.000 | 3.380.000 | 92.551 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.050.000 | 3.390.000 | 3.390.000 | 92.492 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.060.000 | 3.400.000 | 3.400.000 | 92.432 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.070.000 | 3.410.000 | 3.410.000 | 92.373 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.080.000 | 3.420.000 | 3.420.000 | 92.312 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|--------------|
| 3.090.000 | 3.430.000 | 3.430.000 | 92.253 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.100.000 | 3.440.000 | 3.440.000 | 92.193 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.110.000 | 3.450.000 | 3.450.000 | 92.133 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.120.000 | 3.460.000 | 3.460.000 | 92.073 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.130.000 | 3.470.000 | 3.470.000 | 92.014 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.140.000 | 3.480.000 | 3.480.000 | 91.954 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.150.000 | 3.490.000 | 3.490.000 | 91.894 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.170.000 | 3.510.001 | 3.510.001 | 91.775 | 130.000 | 340.000 | 340.001 | Achieved |
| 3.190.000 | 3.530.000 | 3.530.000 | 91.656 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.200.000 | 3.539.999 | 3.539.999 | 91.595 | 130.000 | 340.000 | 339.999 | Achieved |
| 3.210.000 | 3.549.999 | 3.549.999 | 91.536 | 130.000 | 340.000 | 339.999 | Achieved |
| 3.250.000 | 3.590.002 | 3.590.002 | 91.297 | 130.000 | 340.000 | 340.002 | Achieved |
| 3.260.000 | 3.600.001 | 3.600.001 | 91.237 | 130.000 | 340.000 | 340.001 | Achieved |
| 3.270.000 | 3.610.000 | 3.610.000 | 91.178 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.290.000 | 3.630.000 | 3.630.000 | 91.058 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.300.000 | 3.640.000 | 3.640.000 | 90.998 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.310.000 | 3.650.000 | 3.650.000 | 90.938 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.320.000 | 3.660.000 | 3.660.000 | 90.878 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.330.000 | 3.670.000 | 3.670.000 | 90.819 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.340.000 | 3.680.000 | 3.680.000 | 90.759 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.350.000 | 3.690.000 | 3.690.000 | 90.700 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.360.000 | 3.700.001 | 3.700.001 | 90.639 | 130.000 | 340.000 | 340.001 | Achieved |
| 3.370.000 | 3.710.001 | 3.710.001 | 90.580 | 130.000 | 340.000 | 340.001 | Achieved |
| 3.380.000 | 3.720.004 | 3.720.004 | 90.520 | 130.000 | 340.000 | 340.004 | Achieved |
| 3.390.000 | 3.730.000 | 3.730.000 | 90.461 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.410.000 | 3.750.001 | 3.750.001 | 90.341 | 130.000 | 340.000 | 340.001 | Achieved |
| 3.450.000 | 3.790.000 | 3.790.000 | 90.102 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.460.000 | 3.800.003 | 3.800.003 | 90.042 | 130.000 | 340.000 | 340.003 | Achieved |
| 3.470.000 | 3.810.003 | 3.810.003 | 89.983 | 130.000 | 340.000 | 340.003 | Achieved |
| 3.480.000 | 3.820.008 | 3.820.008 | 89.922 | 130.000 | 340.000 | 340.008 | Achieved |
| 3.490.000 | 3.830.000 | 3.830.000 | 89.863 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.499.991 | 3.840.001 | 3.840.001 | 89.794 | 130.000 | 340.000 | 340.010 | Achieved |
| 3.510.001 | 3.850.001 | 3.850.001 | 89.720 | 130.000 | 340.000 | 339.999 | Achieved |
| 3.519.991 | 3.860.000 | 3.860.000 | 89.652 | 130.000 | 340.000 | 340.009 | Achieved |
| 3.530.000 | 3.870.000 | 3.870.000 | 89.577 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.539.999 | 3.880.000 | 3.880.000 | 89.509 | 130.000 | 340.000 | 340.001 | Achieved |
| 3.549.999 | 3.890.000 | 3.890.000 | 89.436 | 130.000 | 340.000 | 340.001 | Achieved |
| 3.559.998 | 3.900.000 | 3.900.000 | 89.367 | 130.000 | 340.000 | 340.002 | Achieved |
| 3.569.998 | 3.910.000 | 3.910.000 | 89.295 | 130.000 | 340.000 | 340.002 | Achieved |
| 3.579.997 | 3.920.000 | 3.920.000 | 89.224 | 130.000 | 340.000 | 340.003 | Achieved |
| 3.610.000 | 3.950.000 | 3.950.000 | 89.008 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.619.999 | 3.960.000 | 3.960.000 | 88.925 | 130.000 | 340.000 | 340.001 | Achieved |
| 3.630.000 | 3.970.000 | 3.970.000 | 88.783 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.640.000 | 3.980.000 | 3.980.000 | 88.675 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.650.000 | 3.990.000 | 3.990.000 | 88.537 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.660.000 | 4.000.000 | 4.000.000 | 88.426 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.670.000 | 4.010.000 | 4.010.000 | 88.317 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.680.000 | 4.020.000 | 4.020.000 | 88.253 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.690.000 | 4.030.000 | 4.030.000 | 88.187 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.720.004 | 4.050.000 | 4.050.000 | 87.995 | 130.000 | 340.000 | 329.996 | Not Achieved |
| 3.730.000 | 4.060.000 | 4.060.000 | 87.929 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 3.739.996 | 4.070.000 | 4.070.000 | 87.866 | 130.000 | 340.000 | 330.004 | Not Achieved |
| 3.750.001 | 4.080.000 | 4.080.000 | 87.800 | 130.000 | 340.000 | 329.999 | Not Achieved |
| 3.759.996 | 4.090.000 | 4.090.000 | 87.737 | 130.000 | 340.000 | 330.004 | Not Achieved |
| 3.769.999 | 4.100.000 | 4.100.000 | 87.671 | 130.000 | 340.000 | 330.001 | Not Achieved |
| 3.779.999 | 4.110.000 | 4.110.000 | 87.608 | 130.000 | 340.000 | 330.001 | Not Achieved |
| 3.790.000 | 4.120.000 | 4.120.000 | 87.542 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 3.800.003 | 4.130.000 | 4.130.000 | 87.478 | 130.000 | 340.000 | 329.997 | Not Achieved |
| 3.810.003 | 4.130.000 | 4.130.000 | 87.414 | 130.000 | 340.000 | 319.997 | Not Achieved |
| 3.820.008 | 4.140.000 | 4.140.000 | 87.349 | 130.000 | 340.000 | 319.992 | Not Achieved |
| 3.830.000 | 4.150.000 | 4.150.000 | 87.283 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.840.001 | 4.160.000 | 4.160.000 | 87.220 | 130.000 | 340.000 | 319.999 | Not Achieved |
| 3.850.001 | 4.170.000 | 4.170.000 | 87.159 | 130.000 | 340.000 | 319.999 | Not Achieved |
| 3.860.000 | 4.180.000 | 4.180.000 | 87.100 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.870.000 | 4.190.000 | 4.190.000 | 87.040 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.880.000 | 4.200.000 | 4.200.000 | 86.980 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.890.000 | 4.210.000 | 4.210.000 | 86.921 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.900.000 | 4.220.000 | 4.220.000 | 86.861 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.910.000 | 4.230.000 | 4.230.000 | 86.801 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.920.000 | 4.240.000 | 4.240.000 | 86.741 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.930.000 | 4.250.000 | 4.250.000 | 86.681 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.940.000 | 4.260.000 | 4.260.000 | 86.622 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.950.000 | 4.270.000 | 4.270.000 | 86.562 | 130.000 | 340.000 | 320.000 | Not Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|--------------|
| 3.960.000 | 4.280.000 | 4.280.000 | 86.502 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.970.000 | 4.290.000 | 4.290.000 | 86.443 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.980.000 | 4.300.000 | 4.300.000 | 86.383 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.990.000 | 4.310.000 | 4.310.000 | 86.323 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.000.000 | 4.320.000 | 4.320.000 | 86.263 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.010.000 | 4.330.000 | 4.330.000 | 86.204 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.020.000 | 4.340.000 | 4.340.000 | 86.144 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.030.000 | 4.350.000 | 4.350.000 | 86.085 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.040.000 | 4.360.000 | 4.360.000 | 86.024 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.050.000 | 4.370.000 | 4.370.000 | 85.965 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.060.000 | 4.380.000 | 4.380.000 | 85.905 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.070.000 | 4.390.000 | 4.390.000 | 85.845 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.080.000 | 4.400.000 | 4.400.000 | 85.785 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.090.000 | 4.410.000 | 4.410.000 | 85.726 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.100.000 | 4.420.000 | 4.420.000 | 85.666 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.110.000 | 4.430.000 | 4.430.000 | 85.606 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.120.000 | 4.440.000 | 4.440.000 | 85.546 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.130.000 | 4.450.000 | 4.450.000 | 85.487 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.140.000 | 4.460.000 | 4.460.000 | 85.427 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.150.000 | 4.470.000 | 4.470.000 | 85.367 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.160.000 | 4.480.000 | 4.480.000 | 85.307 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.170.000 | 4.490.000 | 4.490.000 | 85.248 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.180.000 | 4.500.000 | 4.500.000 | 85.188 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.190.000 | 4.510.000 | 4.510.000 | 85.129 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.200.000 | 4.520.000 | 4.520.000 | 85.068 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.210.000 | 4.530.000 | 4.530.000 | 85.009 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.220.000 | 4.540.000 | 4.540.000 | 84.949 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.230.000 | 4.550.000 | 4.550.000 | 84.889 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.240.000 | 4.560.000 | 4.560.000 | 84.829 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.250.000 | 4.570.000 | 4.570.000 | 84.770 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.260.000 | 4.580.000 | 4.580.000 | 84.710 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.270.000 | 4.590.000 | 4.590.000 | 84.650 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.280.000 | 4.600.000 | 4.600.000 | 84.590 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.290.000 | 4.610.000 | 4.610.000 | 84.531 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 4.300.000 | 4.630.000 | 4.630.000 | 84.471 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 4.310.000 | 4.640.000 | 4.640.000 | 84.411 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 4.320.000 | 4.660.000 | 4.660.000 | 84.351 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.330.000 | 4.670.000 | 4.670.000 | 84.292 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.340.000 | 4.680.000 | 4.680.000 | 84.232 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.350.000 | 4.690.000 | 4.690.000 | 84.173 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.360.000 | 4.700.000 | 4.700.000 | 84.112 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.370.000 | 4.710.000 | 4.710.000 | 84.053 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.390.000 | 4.730.000 | 4.730.000 | 83.933 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.400.000 | 4.740.003 | 4.740.003 | 83.873 | 130.000 | 340.000 | 340.003 | Achieved |
| 4.410.000 | 4.750.003 | 4.750.003 | 83.814 | 130.000 | 340.000 | 340.003 | Achieved |
| 4.420.000 | 4.760.006 | 4.760.006 | 83.754 | 130.000 | 340.000 | 340.006 | Achieved |
| 4.430.000 | 4.770.000 | 4.770.000 | 83.694 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.440.000 | 4.780.001 | 4.780.001 | 83.634 | 130.000 | 340.000 | 340.001 | Achieved |
| 4.450.000 | 4.790.001 | 4.790.001 | 83.575 | 130.000 | 340.000 | 340.001 | Achieved |
| 4.460.000 | 4.800.004 | 4.800.004 | 83.515 | 130.000 | 340.000 | 340.004 | Achieved |
| 4.470.000 | 4.809.999 | 4.809.999 | 83.455 | 130.000 | 340.000 | 339.999 | Achieved |
| 4.480.000 | 4.820.004 | 4.820.004 | 83.395 | 130.000 | 340.000 | 340.004 | Achieved |
| 4.490.000 | 4.830.000 | 4.830.000 | 83.336 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.500.000 | 4.840.001 | 4.840.001 | 83.276 | 130.000 | 340.000 | 340.001 | Achieved |
| 4.510.000 | 4.850.001 | 4.850.001 | 83.217 | 130.000 | 340.000 | 340.001 | Achieved |
| 4.520.000 | 4.860.002 | 4.860.002 | 83.156 | 130.000 | 340.000 | 340.002 | Achieved |
| 4.530.000 | 4.870.000 | 4.870.000 | 83.097 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.540.000 | 4.880.000 | 4.880.000 | 83.037 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.550.000 | 4.890.000 | 4.890.000 | 82.978 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.560.000 | 4.900.000 | 4.900.000 | 82.917 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.570.000 | 4.910.000 | 4.910.000 | 82.858 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.580.000 | 4.920.000 | 4.920.000 | 82.798 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.590.000 | 4.930.000 | 4.930.000 | 82.738 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.600.000 | 4.940.001 | 4.940.001 | 82.678 | 130.000 | 340.000 | 340.001 | Achieved |
| 4.610.000 | 4.949.999 | 4.949.999 | 82.619 | 130.000 | 340.000 | 339.999 | Achieved |
| 4.630.000 | 4.970.000 | 4.970.000 | 82.499 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.640.000 | 4.980.000 | 4.980.000 | 82.439 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.650.000 | 4.990.000 | 4.990.000 | 82.380 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.670.000 | 5.010.001 | 5.010.001 | 82.261 | 130.000 | 340.000 | 340.001 | Achieved |
| 4.690.000 | 5.030.000 | 5.030.000 | 82.141 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.730.000 | 5.070.000 | 5.070.000 | 81.907 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.770.000 | 5.110.002 | 5.110.002 | 81.687 | 130.000 | 340.000 | 340.002 | Achieved |
| 4.780.001 | 5.120.000 | 5.120.000 | 81.634 | 130.000 | 340.000 | 339.999 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 4.790.001 | 5.130.000 | 5.130.000 | 81.578 | 130.000 | 340.000 | 339.999 | Achieved |
| 4.809.999 | 5.150.000 | 5.150.000 | 81.468 | 130.000 | 340.000 | 340.001 | Achieved |
| 4.830.000 | 5.170.000 | 5.170.000 | 81.358 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.870.000 | 5.210.000 | 5.210.000 | 81.138 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.880.000 | 5.220.000 | 5.220.000 | 81.085 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.890.000 | 5.230.000 | 5.230.000 | 81.030 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.900.000 | 5.240.000 | 5.240.000 | 81.029 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.910.000 | 5.250.000 | 5.250.000 | 81.024 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.920.000 | 5.260.000 | 5.260.000 | 81.039 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.930.000 | 5.270.000 | 5.270.000 | 81.027 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.940.001 | 5.280.000 | 5.280.000 | 81.050 | 130.000 | 340.000 | 339.999 | Achieved |
| 4.949.999 | 5.290.000 | 5.290.000 | 81.001 | 130.000 | 340.000 | 340.001 | Achieved |
| 4.959.998 | 5.300.000 | 5.300.000 | 80.946 | 130.000 | 340.000 | 340.002 | Achieved |
| 4.970.000 | 5.310.000 | 5.310.000 | 80.890 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.980.000 | 5.320.000 | 5.320.000 | 80.836 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.990.000 | 5.330.000 | 5.330.000 | 80.780 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.999.997 | 5.340.000 | 5.340.000 | 80.726 | 130.000 | 340.000 | 340.003 | Achieved |
| 5.010.001 | 5.350.000 | 5.350.000 | 80.671 | 130.000 | 340.000 | 339.999 | Achieved |
| 5.019.995 | 5.360.000 | 5.360.000 | 80.617 | 130.000 | 340.000 | 340.005 | Achieved |
| 5.030.000 | 5.370.000 | 5.370.000 | 80.560 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.039.997 | 5.380.000 | 5.380.000 | 80.507 | 130.000 | 340.000 | 340.003 | Achieved |
| 5.049.997 | 5.390.000 | 5.390.000 | 80.452 | 130.000 | 340.000 | 340.003 | Achieved |
| 5.059.994 | 5.400.000 | 5.400.000 | 80.397 | 130.000 | 340.000 | 340.006 | Achieved |
| 5.070.000 | 5.410.000 | 5.410.000 | 80.341 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.079.999 | 5.420.000 | 5.420.000 | 80.287 | 130.000 | 340.000 | 340.001 | Achieved |
| 5.089.999 | 5.430.000 | 5.430.000 | 80.231 | 130.000 | 340.000 | 340.001 | Achieved |
| 5.099.994 | 5.440.000 | 5.440.000 | 80.177 | 130.000 | 340.000 | 340.006 | Achieved |
| 5.120.000 | 5.460.000 | 5.460.000 | 80.066 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.130.000 | 5.470.000 | 5.470.000 | 80.006 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.140.000 | 5.480.000 | 5.480.000 | 79.946 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.150.000 | 5.490.000 | 5.490.000 | 79.886 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.160.000 | 5.500.000 | 5.500.000 | 79.827 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.170.000 | 5.510.000 | 5.510.000 | 79.767 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.180.000 | 5.520.000 | 5.520.000 | 79.707 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.190.000 | 5.530.000 | 5.530.000 | 79.648 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.200.000 | 5.540.000 | 5.540.000 | 79.588 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.210.000 | 5.550.000 | 5.550.000 | 79.528 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.220.000 | 5.560.000 | 5.560.000 | 79.468 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.230.000 | 5.570.000 | 5.570.000 | 79.409 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.240.000 | 5.580.000 | 5.580.000 | 79.349 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.250.000 | 5.590.000 | 5.590.000 | 79.290 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.260.000 | 5.600.000 | 5.600.000 | 79.229 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.270.000 | 5.610.000 | 5.610.000 | 79.170 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.280.000 | 5.620.000 | 5.620.000 | 79.110 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.290.000 | 5.630.000 | 5.630.000 | 79.050 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.300.000 | 5.640.000 | 5.640.000 | 78.990 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.310.000 | 5.650.000 | 5.650.000 | 78.931 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.320.000 | 5.660.000 | 5.660.000 | 78.871 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.330.000 | 5.670.000 | 5.670.000 | 78.811 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.340.000 | 5.680.000 | 5.680.000 | 78.751 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.350.000 | 5.690.000 | 5.690.000 | 78.692 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.360.000 | 5.700.000 | 5.700.000 | 78.632 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.370.000 | 5.710.000 | 5.710.000 | 78.572 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.380.000 | 5.720.000 | 5.720.000 | 78.512 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.390.000 | 5.730.000 | 5.730.000 | 78.453 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.400.000 | 5.740.000 | 5.740.000 | 78.393 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.410.000 | 5.750.000 | 5.750.000 | 78.334 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.420.000 | 5.760.000 | 5.760.000 | 78.273 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.430.000 | 5.770.000 | 5.770.000 | 78.214 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.440.000 | 5.780.000 | 5.780.000 | 78.154 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.450.000 | 5.790.000 | 5.790.000 | 78.094 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.460.000 | 5.800.000 | 5.800.000 | 78.034 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.470.000 | 5.810.000 | 5.810.000 | 77.975 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.480.000 | 5.820.000 | 5.820.000 | 77.915 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.490.000 | 5.830.000 | 5.830.000 | 77.855 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.500.000 | 5.840.000 | 5.840.000 | 77.795 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.510.000 | 5.850.000 | 5.850.000 | 77.736 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.520.000 | 5.860.000 | 5.860.000 | 77.676 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.530.000 | 5.870.000 | 5.870.000 | 77.616 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.540.000 | 5.880.000 | 5.880.000 | 77.556 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.550.000 | 5.890.000 | 5.890.000 | 77.497 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.560.000 | 5.900.000 | 5.900.000 | 77.437 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.570.000 | 5.910.000 | 5.910.000 | 77.378 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 5.580.000 | 5.920.000 | 5.920.000 | 77.317 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.590.000 | 5.930.000 | 5.930.000 | 77.258 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.600.000 | 5.940.000 | 5.940.000 | 77.198 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.610.000 | 5.950.000 | 5.950.000 | 77.139 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.620.000 | 5.960.000 | 5.960.000 | 77.078 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.630.000 | 5.970.000 | 5.970.000 | 77.019 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.640.000 | 5.980.000 | 5.980.000 | 76.959 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.650.000 | 5.990.000 | 5.990.000 | 76.899 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.660.000 | 6.000.000 | 6.000.000 | 76.839 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.670.000 | 6.010.000 | 6.010.000 | 76.780 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.680.000 | 6.020.000 | 6.020.000 | 76.720 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.690.000 | 6.030.000 | 6.030.000 | 76.660 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.700.000 | 6.040.000 | 6.040.000 | 76.600 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.710.000 | 6.050.000 | 6.050.000 | 76.541 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.720.000 | 6.060.000 | 6.060.000 | 76.481 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.730.000 | 6.070.000 | 6.070.000 | 76.422 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.740.000 | 6.080.000 | 6.080.000 | 76.361 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.750.000 | 6.090.001 | 6.090.001 | 76.302 | 130.000 | 340.000 | 340.001 | Achieved |
| 5.770.000 | 6.110.000 | 6.110.000 | 76.183 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.780.000 | 6.120.008 | 6.120.008 | 76.122 | 130.000 | 340.000 | 340.008 | Achieved |
| 5.790.000 | 6.130.003 | 6.130.003 | 76.063 | 130.000 | 340.000 | 340.003 | Achieved |
| 5.810.000 | 6.150.000 | 6.150.000 | 75.943 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.850.000 | 6.190.001 | 6.190.001 | 75.704 | 130.000 | 340.000 | 340.001 | Achieved |
| 5.870.000 | 6.210.000 | 6.210.000 | 75.585 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.880.000 | 6.220.004 | 6.220.004 | 75.525 | 130.000 | 340.000 | 340.004 | Achieved |
| 5.890.000 | 6.230.001 | 6.230.001 | 75.466 | 130.000 | 340.000 | 340.001 | Achieved |
| 5.900.000 | 6.240.001 | 6.240.001 | 75.405 | 130.000 | 340.000 | 340.001 | Achieved |
| 5.910.000 | 6.250.000 | 6.250.000 | 75.346 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.920.000 | 6.260.002 | 6.260.002 | 75.286 | 130.000 | 340.000 | 340.002 | Achieved |
| 5.930.000 | 6.270.000 | 6.270.000 | 75.227 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.940.000 | 6.280.000 | 6.280.000 | 75.166 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.950.000 | 6.290.000 | 6.290.000 | 75.107 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.960.000 | 6.300.000 | 6.300.000 | 75.047 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.970.000 | 6.310.000 | 6.310.000 | 74.987 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.980.000 | 6.319.999 | 6.319.999 | 74.927 | 130.000 | 340.000 | 339.999 | Achieved |
| 5.990.000 | 6.330.000 | 6.330.000 | 74.868 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.000.000 | 6.339.999 | 6.339.999 | 74.808 | 130.000 | 340.000 | 339.999 | Achieved |
| 6.010.000 | 6.350.000 | 6.350.000 | 74.748 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.020.000 | 6.360.001 | 6.360.001 | 74.688 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.030.000 | 6.370.001 | 6.370.001 | 74.629 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.050.000 | 6.390.000 | 6.390.000 | 74.510 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.060.000 | 6.400.000 | 6.400.000 | 74.449 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.070.000 | 6.410.000 | 6.410.000 | 74.390 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.080.000 | 6.420.003 | 6.420.003 | 74.330 | 130.000 | 340.000 | 340.003 | Achieved |
| 6.099.992 | 6.440.006 | 6.440.006 | 74.209 | 130.000 | 340.000 | 340.014 | Achieved |
| 6.110.000 | 6.450.000 | 6.450.000 | 74.144 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.139.994 | 6.479.994 | 6.479.994 | 73.951 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.150.000 | 6.489.999 | 6.489.999 | 73.885 | 130.000 | 340.000 | 339.999 | Achieved |
| 6.159.999 | 6.500.000 | 6.500.000 | 73.822 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.169.999 | 6.510.000 | 6.510.000 | 73.757 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.179.996 | 6.520.000 | 6.520.000 | 73.693 | 130.000 | 340.000 | 340.004 | Achieved |
| 6.190.001 | 6.530.000 | 6.530.000 | 73.627 | 130.000 | 340.000 | 339.999 | Achieved |
| 6.199.996 | 6.540.000 | 6.540.000 | 73.564 | 130.000 | 340.000 | 340.004 | Achieved |
| 6.210.000 | 6.550.000 | 6.550.000 | 73.498 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.250.000 | 6.590.000 | 6.590.000 | 73.240 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.270.000 | 6.610.000 | 6.610.000 | 73.111 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.280.000 | 6.620.000 | 6.620.000 | 73.004 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.290.000 | 6.630.000 | 6.630.000 | 72.862 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.300.000 | 6.640.000 | 6.640.000 | 72.754 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.310.000 | 6.650.000 | 6.650.000 | 72.613 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.319.999 | 6.660.000 | 6.660.000 | 72.505 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.330.000 | 6.670.000 | 6.670.000 | 72.423 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.339.999 | 6.680.000 | 6.680.000 | 72.359 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.350.000 | 6.690.000 | 6.690.000 | 72.293 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.360.001 | 6.700.000 | 6.700.000 | 72.230 | 130.000 | 340.000 | 339.999 | Achieved |
| 6.370.001 | 6.710.000 | 6.710.000 | 72.164 | 130.000 | 340.000 | 339.999 | Achieved |
| 6.379.997 | 6.720.000 | 6.720.000 | 72.100 | 130.000 | 340.000 | 340.003 | Achieved |
| 6.390.000 | 6.730.000 | 6.730.000 | 72.035 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.400.000 | 6.740.000 | 6.740.000 | 71.971 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.410.000 | 6.750.000 | 6.750.000 | 71.905 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.429.998 | 6.770.000 | 6.770.000 | 71.777 | 130.000 | 340.000 | 340.002 | Achieved |
| 6.450.000 | 6.790.000 | 6.790.000 | 71.647 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.479.994 | 6.820.000 | 6.820.000 | 71.455 | 130.000 | 340.000 | 340.006 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 6.489.999 | 6.830.000 | 6.830.000 | 71.389 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.500.000 | 6.840.000 | 6.840.000 | 71.327 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.510.000 | 6.850.000 | 6.850.000 | 71.267 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.520.000 | 6.860.000 | 6.860.000 | 71.207 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.530.000 | 6.870.000 | 6.870.000 | 71.148 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.540.000 | 6.880.000 | 6.880.000 | 71.088 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.550.000 | 6.890.000 | 6.890.000 | 71.028 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.560.000 | 6.900.000 | 6.900.000 | 70.968 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.570.000 | 6.910.000 | 6.910.000 | 70.909 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.580.000 | 6.920.000 | 6.920.000 | 70.849 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.590.000 | 6.930.000 | 6.930.000 | 70.789 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.600.000 | 6.940.000 | 6.940.000 | 70.729 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.610.000 | 6.950.000 | 6.950.000 | 70.670 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.620.000 | 6.960.000 | 6.960.000 | 70.610 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.630.000 | 6.970.000 | 6.970.000 | 70.551 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.640.000 | 6.980.000 | 6.980.000 | 70.490 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.650.000 | 6.990.000 | 6.990.000 | 70.431 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.660.000 | 7.000.000 | 7.000.000 | 70.371 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.670.000 | 7.010.000 | 7.010.000 | 70.311 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.680.000 | 7.020.000 | 7.020.000 | 70.251 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.690.000 | 7.030.000 | 7.030.000 | 70.192 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.700.000 | 7.040.000 | 7.040.000 | 70.132 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.710.000 | 7.050.000 | 7.050.000 | 70.072 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.720.000 | 7.060.000 | 7.060.000 | 70.012 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.730.000 | 7.070.000 | 7.070.000 | 69.953 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.740.000 | 7.080.000 | 7.080.000 | 69.893 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.750.000 | 7.090.000 | 7.090.000 | 69.833 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.760.000 | 7.100.000 | 7.100.000 | 69.773 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.770.000 | 7.110.000 | 7.110.000 | 69.714 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.780.000 | 7.120.000 | 7.120.000 | 69.654 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.790.000 | 7.130.000 | 7.130.000 | 69.595 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.800.000 | 7.140.000 | 7.140.000 | 69.534 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.810.000 | 7.150.000 | 7.150.000 | 69.475 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.820.000 | 7.160.000 | 7.160.000 | 69.415 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.830.000 | 7.170.000 | 7.170.000 | 69.355 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.840.000 | 7.180.000 | 7.180.000 | 69.295 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.850.000 | 7.190.000 | 7.190.000 | 69.236 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.860.000 | 7.200.000 | 7.200.000 | 69.176 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.870.000 | 7.210.000 | 7.210.000 | 69.116 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.880.000 | 7.220.000 | 7.220.000 | 69.056 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.890.000 | 7.230.000 | 7.230.000 | 68.998 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.900.000 | 7.240.000 | 7.240.000 | 68.942 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.910.000 | 7.250.000 | 7.250.000 | 68.891 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.920.000 | 7.260.000 | 7.260.000 | 68.841 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.930.000 | 7.270.000 | 7.270.000 | 68.797 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.940.000 | 7.280.000 | 7.280.000 | 68.753 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.950.000 | 7.290.000 | 7.290.000 | 68.716 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.960.000 | 7.300.000 | 7.300.000 | 68.678 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.970.000 | 7.310.000 | 7.310.000 | 68.647 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.980.000 | 7.320.000 | 7.320.000 | 68.617 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.990.000 | 7.330.000 | 7.330.000 | 68.592 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.000.000 | 7.340.000 | 7.340.000 | 68.569 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.010.000 | 7.350.000 | 7.350.000 | 68.550 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.020.000 | 7.360.000 | 7.360.000 | 68.534 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.030.000 | 7.370.000 | 7.370.000 | 68.522 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.040.000 | 7.380.000 | 7.380.000 | 68.513 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.050.000 | 7.390.000 | 7.390.000 | 68.508 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.060.000 | 7.400.000 | 7.400.000 | 68.505 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.070.000 | 7.410.000 | 7.410.000 | 68.507 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.080.000 | 7.420.000 | 7.420.000 | 68.510 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.090.000 | 7.430.000 | 7.430.000 | 68.520 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.100.000 | 7.440.000 | 7.440.000 | 68.529 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.110.000 | 7.450.000 | 7.450.000 | 68.545 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.120.000 | 7.460.000 | 7.460.000 | 68.561 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.130.000 | 7.470.000 | 7.470.000 | 68.583 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.140.000 | 7.480.000 | 7.480.000 | 68.606 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.150.000 | 7.490.000 | 7.490.000 | 68.635 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.160.000 | 7.500.000 | 7.500.000 | 68.665 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.170.000 | 7.510.003 | 7.510.003 | 68.700 | 130.000 | 340.000 | 340.003 | Achieved |
| 7.180.000 | 7.520.008 | 7.520.008 | 68.737 | 130.000 | 340.000 | 340.008 | Achieved |
| 7.190.000 | 7.530.000 | 7.530.000 | 68.779 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.200.000 | 7.540.000 | 7.540.000 | 68.823 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.210.000 | 7.550.000 | 7.550.000 | 68.870 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 7.220.000 | 7.560.004 | 7.560.004 | 68.920 | 130.000 | 340.000 | 340.004 | Achieved |
| 7.250.000 | 7.590.000 | 7.590.000 | 69.071 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.260.000 | 7.600.002 | 7.600.002 | 69.120 | 130.000 | 340.000 | 340.002 | Achieved |
| 7.270.000 | 7.610.001 | 7.610.001 | 69.170 | 130.000 | 340.000 | 340.001 | Achieved |
| 7.290.000 | 7.630.000 | 7.630.000 | 69.270 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.300.000 | 7.640.000 | 7.640.000 | 69.319 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.310.000 | 7.650.000 | 7.650.000 | 69.369 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.320.000 | 7.660.001 | 7.660.001 | 69.419 | 130.000 | 340.000 | 340.001 | Achieved |
| 7.330.000 | 7.669.999 | 7.669.999 | 69.469 | 130.000 | 340.000 | 339.999 | Achieved |
| 7.340.000 | 7.680.000 | 7.680.000 | 69.519 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.350.000 | 7.690.000 | 7.690.000 | 69.569 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.360.000 | 7.700.000 | 7.700.000 | 69.618 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.370.000 | 7.710.000 | 7.710.000 | 69.669 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.380.000 | 7.720.000 | 7.720.000 | 69.718 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.390.000 | 7.730.000 | 7.730.000 | 69.769 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.400.000 | 7.740.000 | 7.740.000 | 69.818 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.410.000 | 7.750.000 | 7.750.000 | 69.868 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.420.000 | 7.760.000 | 7.760.000 | 69.918 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.430.000 | 7.770.000 | 7.770.000 | 69.968 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.440.000 | 7.780.000 | 7.780.000 | 70.017 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.450.000 | 7.790.000 | 7.790.000 | 70.068 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.460.000 | 7.800.000 | 7.800.000 | 70.117 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.470.000 | 7.810.000 | 7.810.000 | 70.167 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.480.000 | 7.820.000 | 7.820.000 | 70.217 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.490.000 | 7.830.000 | 7.830.000 | 70.267 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.500.000 | 7.840.000 | 7.840.000 | 70.317 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.530.000 | 7.870.000 | 7.870.000 | 70.475 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.540.000 | 7.880.000 | 7.880.000 | 70.530 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.550.000 | 7.890.000 | 7.890.000 | 70.583 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.569.998 | 7.910.000 | 7.910.000 | 70.692 | 130.000 | 340.000 | 340.002 | Achieved |
| 7.579.998 | 7.920.000 | 7.920.000 | 70.746 | 130.000 | 340.000 | 340.002 | Achieved |
| 7.590.000 | 7.930.000 | 7.930.000 | 70.799 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.619.997 | 7.960.000 | 7.960.000 | 70.963 | 130.000 | 340.000 | 340.003 | Achieved |
| 7.630.000 | 7.970.000 | 7.970.000 | 71.016 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.640.000 | 7.980.000 | 7.980.000 | 71.071 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.650.000 | 7.990.000 | 7.990.000 | 71.124 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.669.999 | 8.010.000 | 8.010.000 | 71.233 | 130.000 | 340.000 | 340.001 | Achieved |
| 7.680.000 | 8.020.000 | 8.020.000 | 71.287 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.690.000 | 8.030.000 | 8.030.000 | 71.340 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.700.000 | 8.040.000 | 8.040.000 | 71.395 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.710.000 | 8.050.000 | 8.050.000 | 71.448 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.720.000 | 8.060.000 | 8.060.000 | 71.498 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.730.000 | 8.070.000 | 8.070.000 | 71.548 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.740.000 | 8.080.000 | 8.080.000 | 71.598 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.750.000 | 8.090.000 | 8.090.000 | 71.648 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.760.000 | 8.100.000 | 8.100.000 | 71.698 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.770.000 | 8.110.000 | 8.110.000 | 71.748 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.780.000 | 8.120.000 | 8.120.000 | 71.797 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.790.000 | 8.130.000 | 8.130.000 | 71.847 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.800.000 | 8.140.000 | 8.140.000 | 71.897 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.810.000 | 8.150.000 | 8.150.000 | 71.947 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.820.000 | 8.160.000 | 8.160.000 | 71.997 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.830.000 | 8.170.000 | 8.170.000 | 72.047 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.840.000 | 8.180.000 | 8.180.000 | 72.097 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.850.000 | 8.190.000 | 8.190.000 | 72.147 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.860.000 | 8.200.000 | 8.200.000 | 72.196 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.870.000 | 8.210.000 | 8.210.000 | 72.246 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.880.000 | 8.220.000 | 8.220.000 | 72.296 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.890.000 | 8.230.000 | 8.230.000 | 72.346 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.900.000 | 8.240.000 | 8.240.000 | 72.396 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.910.000 | 8.250.000 | 8.250.000 | 72.446 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.920.000 | 8.260.000 | 8.260.000 | 72.496 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.930.000 | 8.270.000 | 8.270.000 | 72.545 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.940.000 | 8.280.000 | 8.280.000 | 72.595 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.950.000 | 8.290.000 | 8.290.000 | 72.645 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.960.000 | 8.300.000 | 8.300.000 | 72.695 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.970.000 | 8.310.000 | 8.310.000 | 72.745 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.980.000 | 8.320.000 | 8.320.000 | 72.795 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.990.000 | 8.330.000 | 8.330.000 | 72.845 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.000.000 | 8.340.000 | 8.340.000 | 72.895 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.010.000 | 8.350.000 | 8.350.000 | 72.944 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.020.000 | 8.360.000 | 8.360.000 | 72.994 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.030.000 | 8.370.000 | 8.370.000 | 73.044 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 8.040.000 | 8.380.000 | 8.380.000 | 73.094 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.050.000 | 8.390.000 | 8.390.000 | 73.144 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.060.000 | 8.400.000 | 8.400.000 | 73.194 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.070.000 | 8.410.000 | 8.410.000 | 73.244 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.080.000 | 8.420.000 | 8.420.000 | 73.294 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.090.000 | 8.430.000 | 8.430.000 | 73.343 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.100.000 | 8.440.000 | 8.440.000 | 73.393 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.110.000 | 8.450.000 | 8.450.000 | 73.443 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.120.000 | 8.460.000 | 8.460.000 | 73.493 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.130.000 | 8.470.000 | 8.470.000 | 73.543 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.140.000 | 8.480.000 | 8.480.000 | 73.593 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.150.000 | 8.490.000 | 8.490.000 | 73.643 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.160.000 | 8.500.000 | 8.500.000 | 73.693 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.170.000 | 8.510.000 | 8.510.000 | 73.742 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.180.000 | 8.520.000 | 8.520.000 | 73.792 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.190.000 | 8.530.000 | 8.530.000 | 73.842 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.200.000 | 8.540.000 | 8.540.000 | 73.892 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.210.000 | 8.550.000 | 8.550.000 | 73.939 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.220.000 | 8.560.000 | 8.560.000 | 73.986 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.230.000 | 8.570.000 | 8.570.000 | 74.027 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.240.000 | 8.580.000 | 8.580.000 | 74.067 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.250.000 | 8.590.000 | 8.590.000 | 74.101 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.260.000 | 8.600.000 | 8.600.000 | 74.135 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.270.000 | 8.610.000 | 8.610.000 | 74.162 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.280.000 | 8.620.000 | 8.620.000 | 74.189 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.290.000 | 8.630.000 | 8.630.000 | 74.210 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.300.000 | 8.640.000 | 8.640.000 | 74.230 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.310.000 | 8.650.000 | 8.650.000 | 74.244 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.320.000 | 8.660.000 | 8.660.000 | 74.258 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.330.000 | 8.670.000 | 8.670.000 | 74.265 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.340.000 | 8.680.000 | 8.680.000 | 74.272 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.350.000 | 8.690.000 | 8.690.000 | 74.272 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.360.000 | 8.700.000 | 8.700.000 | 74.273 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.370.000 | 8.710.000 | 8.710.000 | 74.267 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.380.000 | 8.720.000 | 8.720.000 | 74.260 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.390.000 | 8.730.000 | 8.730.000 | 74.248 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.400.000 | 8.740.000 | 8.740.000 | 74.235 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.410.000 | 8.750.000 | 8.750.000 | 74.215 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.420.000 | 8.760.000 | 8.760.000 | 74.196 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.430.000 | 8.770.000 | 8.770.000 | 74.170 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.440.000 | 8.780.000 | 8.780.000 | 74.143 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.450.000 | 8.790.000 | 8.790.000 | 74.110 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.460.000 | 8.800.000 | 8.800.000 | 74.078 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.470.000 | 8.810.000 | 8.810.000 | 74.038 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.480.000 | 8.820.000 | 8.820.000 | 73.999 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.490.000 | 8.830.000 | 8.830.000 | 73.952 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.500.000 | 8.840.000 | 8.840.000 | 73.906 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.510.000 | 8.850.000 | 8.850.000 | 73.853 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.520.000 | 8.860.000 | 8.860.000 | 73.800 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.530.000 | 8.870.000 | 8.870.000 | 73.741 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.540.000 | 8.880.000 | 8.880.000 | 73.681 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.550.000 | 8.890.000 | 8.890.000 | 73.615 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.560.000 | 8.900.000 | 8.900.000 | 73.549 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.570.000 | 8.910.000 | 8.910.000 | 73.476 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.580.000 | 8.920.000 | 8.920.000 | 73.403 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.590.000 | 8.930.000 | 8.930.000 | 73.324 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.600.000 | 8.940.000 | 8.940.000 | 73.244 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.610.000 | 8.950.000 | 8.950.000 | 73.158 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.620.000 | 8.960.000 | 8.960.000 | 73.072 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.630.000 | 8.970.000 | 8.970.000 | 72.979 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.640.000 | 8.980.000 | 8.980.000 | 72.886 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.650.000 | 8.990.000 | 8.990.000 | 72.787 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.660.000 | 9.000.000 | 9.000.000 | 72.687 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.670.000 | 9.010.000 | 9.010.000 | 72.581 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.680.000 | 9.020.000 | 9.020.000 | 72.475 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.690.000 | 9.030.000 | 9.030.000 | 72.362 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.700.000 | 9.040.000 | 9.040.000 | 72.249 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.710.000 | 9.050.000 | 9.050.000 | 72.129 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.720.000 | 9.060.000 | 9.060.000 | 72.010 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.730.000 | 9.070.000 | 9.070.000 | 71.884 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.740.000 | 9.080.000 | 9.080.000 | 71.757 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.750.000 | 9.090.000 | 9.090.000 | 71.625 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.760.000 | 9.100.000 | 9.100.000 | 71.492 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 8.770.000 | 9.110.000 | 9.110.000 | 71.356 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.780.000 | 9.120.000 | 9.120.000 | 71.220 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.790.000 | 9.130.000 | 9.130.000 | 71.084 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.800.000 | 9.140.000 | 9.140.000 | 70.948 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.810.000 | 9.150.000 | 9.150.000 | 70.812 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.820.000 | 9.160.000 | 9.160.000 | 70.676 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.830.000 | 9.170.000 | 9.170.000 | 70.540 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.840.000 | 9.180.000 | 9.180.000 | 70.404 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.850.000 | 9.190.000 | 9.190.000 | 70.268 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.860.000 | 9.200.000 | 9.200.000 | 70.132 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.870.000 | 9.210.000 | 9.210.000 | 69.997 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.880.000 | 9.220.000 | 9.220.000 | 69.861 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.890.000 | 9.230.000 | 9.230.000 | 69.725 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.900.000 | 9.240.000 | 9.240.000 | 69.589 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.910.000 | 9.250.000 | 9.250.000 | 69.453 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.920.000 | 9.260.000 | 9.260.000 | 69.317 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.930.000 | 9.270.000 | 9.270.000 | 69.181 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.940.000 | 9.280.000 | 9.280.000 | 69.045 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.950.000 | 9.290.000 | 9.290.000 | 68.909 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.960.000 | 9.300.000 | 9.300.000 | 68.773 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.970.000 | 9.310.000 | 9.310.000 | 68.637 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.980.000 | 9.320.000 | 9.320.000 | 68.501 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.990.000 | 9.330.000 | 9.330.000 | 68.365 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.000.000 | 9.340.000 | 9.340.000 | 68.230 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.010.000 | 9.350.000 | 9.350.000 | 68.094 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.020.000 | 9.360.000 | 9.360.000 | 67.958 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.030.000 | 9.370.000 | 9.370.000 | 67.822 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.040.000 | 9.380.000 | 9.380.000 | 67.686 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.050.000 | 9.390.000 | 9.390.000 | 67.550 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.060.000 | 9.400.000 | 9.400.000 | 67.414 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.070.000 | 9.410.000 | 9.410.000 | 67.278 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.080.000 | 9.420.000 | 9.420.000 | 67.142 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.090.000 | 9.430.000 | 9.430.000 | 67.006 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.100.000 | 9.440.000 | 9.440.000 | 66.870 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.110.000 | 9.450.000 | 9.450.000 | 66.734 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 9.453.615 | 9.113.615 | 9.113.615 | 62.064 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.443.615 | 9.103.615 | 9.103.615 | 62.200 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.433.615 | 9.093.615 | 9.093.615 | 62.336 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.423.615 | 9.083.615 | 9.083.615 | 62.472 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.413.615 | 9.073.615 | 9.073.615 | 62.608 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.403.615 | 9.063.615 | 9.063.615 | 62.743 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.393.615 | 9.053.615 | 9.053.615 | 62.879 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.383.615 | 9.043.615 | 9.043.615 | 63.015 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.373.615 | 9.033.615 | 9.033.615 | 63.151 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.363.615 | 9.023.615 | 9.023.615 | 63.287 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.353.615 | 9.013.615 | 9.013.615 | 63.423 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.343.615 | 9.003.615 | 9.003.615 | 63.559 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.333.615 | 8.993.615 | 8.993.615 | 63.695 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.323.615 | 8.983.615 | 8.983.615 | 63.831 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.313.615 | 8.973.615 | 8.973.615 | 63.967 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.303.615 | 8.963.615 | 8.963.615 | 64.103 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.293.615 | 8.953.615 | 8.953.615 | 64.239 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.283.615 | 8.943.615 | 8.943.615 | 64.375 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.273.615 | 8.933.615 | 8.933.615 | 64.510 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.263.615 | 8.923.615 | 8.923.615 | 64.646 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.253.615 | 8.913.615 | 8.913.615 | 64.782 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.243.615 | 8.903.615 | 8.903.615 | 64.918 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.233.615 | 8.893.615 | 8.893.615 | 65.054 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.223.615 | 8.883.615 | 8.883.615 | 65.190 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.213.615 | 8.873.615 | 8.873.615 | 65.326 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.203.615 | 8.863.615 | 8.863.615 | 65.462 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.193.615 | 8.853.615 | 8.853.615 | 65.598 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.183.615 | 8.843.615 | 8.843.615 | 65.734 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.173.615 | 8.833.615 | 8.833.615 | 65.870 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.163.615 | 8.823.615 | 8.823.615 | 66.006 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.153.615 | 8.813.615 | 8.813.615 | 66.142 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.143.615 | 8.803.615 | 8.803.615 | 66.277 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.133.615 | 8.793.615 | 8.793.615 | 66.413 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.123.615 | 8.783.615 | 8.783.615 | 66.549 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.113.615 | 8.773.615 | 8.773.615 | 66.685 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.103.615 | 8.763.615 | 8.763.615 | 66.821 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.093.615 | 8.753.615 | 8.753.615 | 66.957 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.083.615 | 8.743.615 | 8.743.615 | 67.093 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.073.615 | 8.733.615 | 8.733.615 | 67.229 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.063.615 | 8.723.615 | 8.723.615 | 67.365 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.053.615 | 8.713.615 | 8.713.615 | 67.501 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.043.615 | 8.703.615 | 8.703.615 | 67.637 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.033.615 | 8.693.615 | 8.693.615 | 67.773 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.023.615 | 8.683.615 | 8.683.615 | 67.909 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.013.615 | 8.673.615 | 8.673.615 | 68.044 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.003.615 | 8.663.615 | 8.663.615 | 68.180 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.993.615 | 8.653.615 | 8.653.615 | 68.316 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.983.615 | 8.643.615 | 8.643.615 | 68.452 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.973.615 | 8.633.615 | 8.633.615 | 68.588 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.963.615 | 8.623.615 | 8.623.615 | 68.724 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.953.615 | 8.613.615 | 8.613.615 | 68.860 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.943.615 | 8.603.615 | 8.603.615 | 68.996 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.933.615 | 8.593.615 | 8.593.615 | 69.132 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.923.615 | 8.583.615 | 8.583.615 | 69.268 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.913.615 | 8.573.615 | 8.573.615 | 69.404 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.903.615 | 8.563.615 | 8.563.615 | 69.540 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.893.615 | 8.553.615 | 8.553.615 | 69.676 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.883.615 | 8.543.615 | 8.543.615 | 69.811 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.873.615 | 8.533.615 | 8.533.615 | 69.947 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.863.615 | 8.523.615 | 8.523.615 | 70.083 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.853.615 | 8.513.615 | 8.513.615 | 70.219 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.843.615 | 8.503.615 | 8.503.615 | 70.355 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.833.615 | 8.493.615 | 8.493.615 | 70.491 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.823.615 | 8.483.615 | 8.483.615 | 70.627 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.813.615 | 8.473.615 | 8.473.615 | 70.763 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.803.615 | 8.463.615 | 8.463.615 | 70.899 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.793.615 | 8.453.615 | 8.453.615 | 71.035 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.783.615 | 8.443.615 | 8.443.615 | 71.171 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.773.615 | 8.433.615 | 8.433.615 | 71.307 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.763.615 | 8.423.615 | 8.423.615 | 71.443 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.753.615 | 8.413.615 | 8.413.615 | 71.579 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.743.615 | 8.403.615 | 8.403.615 | 71.709 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.733.615 | 8.393.615 | 8.393.615 | 71.838 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 8.723.615 | 8.383.615 | 8.383.615 | 71.964 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.713.615 | 8.373.615 | 8.373.615 | 72.086 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.703.615 | 8.363.615 | 8.363.615 | 72.206 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.693.615 | 8.353.615 | 8.353.615 | 72.321 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.683.615 | 8.343.615 | 8.343.615 | 72.434 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.673.615 | 8.333.615 | 8.333.615 | 72.542 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.663.615 | 8.323.615 | 8.323.615 | 72.649 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.653.615 | 8.313.615 | 8.313.615 | 72.751 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.643.615 | 8.303.615 | 8.303.615 | 72.850 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.633.615 | 8.293.615 | 8.293.615 | 72.945 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.623.615 | 8.283.615 | 8.283.615 | 73.038 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.613.615 | 8.273.615 | 8.273.615 | 73.127 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.603.615 | 8.263.615 | 8.263.615 | 73.213 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.593.615 | 8.253.615 | 8.253.615 | 73.295 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.583.615 | 8.243.615 | 8.243.615 | 73.375 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.573.615 | 8.233.615 | 8.233.615 | 73.450 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.563.615 | 8.223.615 | 8.223.615 | 73.523 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.553.615 | 8.213.615 | 8.213.615 | 73.591 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.543.615 | 8.203.615 | 8.203.615 | 73.657 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.533.615 | 8.193.615 | 8.193.615 | 73.719 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.523.615 | 8.183.615 | 8.183.615 | 73.779 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.513.615 | 8.173.615 | 8.173.615 | 73.834 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.503.615 | 8.163.615 | 8.163.615 | 73.887 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.493.615 | 8.153.615 | 8.153.615 | 73.936 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.483.615 | 8.143.615 | 8.143.615 | 73.982 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.473.615 | 8.133.615 | 8.133.615 | 74.024 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.463.615 | 8.123.615 | 8.123.615 | 74.063 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.453.615 | 8.113.615 | 8.113.615 | 74.099 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.443.615 | 8.103.615 | 8.103.615 | 74.131 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.433.615 | 8.093.615 | 8.093.615 | 74.160 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.423.615 | 8.083.615 | 8.083.615 | 74.186 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.413.615 | 8.073.615 | 8.073.615 | 74.208 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.403.615 | 8.063.615 | 8.063.615 | 74.228 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.393.615 | 8.053.615 | 8.053.615 | 74.243 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.383.615 | 8.043.615 | 8.043.615 | 74.256 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.373.615 | 8.033.615 | 8.033.615 | 74.264 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.363.615 | 8.023.615 | 8.023.615 | 74.271 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.353.615 | 8.013.615 | 8.013.615 | 74.273 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.343.615 | 8.003.615 | 8.003.615 | 74.272 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.333.615 | 7.993.615 | 7.993.615 | 74.267 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.323.615 | 7.983.615 | 7.983.615 | 74.260 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.313.615 | 7.973.615 | 7.973.615 | 74.249 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.303.615 | 7.963.615 | 7.963.615 | 74.235 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.293.615 | 7.953.615 | 7.953.615 | 74.217 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.283.615 | 7.943.615 | 7.943.615 | 74.196 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.273.615 | 7.933.615 | 7.933.615 | 74.172 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.263.615 | 7.923.615 | 7.923.615 | 74.145 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.253.615 | 7.913.615 | 7.913.615 | 74.113 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.243.615 | 7.903.615 | 7.903.615 | 74.079 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.233.615 | 7.893.615 | 7.893.615 | 74.041 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.223.615 | 7.883.615 | 7.883.615 | 74.001 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.213.615 | 7.873.615 | 7.873.615 | 73.956 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.203.615 | 7.863.615 | 7.863.615 | 73.909 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.193.615 | 7.853.615 | 7.853.615 | 73.860 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.183.615 | 7.843.615 | 7.843.615 | 73.810 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.173.615 | 7.833.615 | 7.833.615 | 73.760 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.163.615 | 7.823.615 | 7.823.615 | 73.711 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.153.615 | 7.813.615 | 7.813.615 | 73.661 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.143.615 | 7.803.615 | 7.803.615 | 73.611 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.133.615 | 7.793.615 | 7.793.615 | 73.561 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.123.615 | 7.783.615 | 7.783.615 | 73.511 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.113.615 | 7.773.615 | 7.773.615 | 73.461 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.103.615 | 7.763.615 | 7.763.615 | 73.411 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.093.615 | 7.753.615 | 7.753.615 | 73.361 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.083.615 | 7.743.615 | 7.743.615 | 73.312 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.073.615 | 7.733.615 | 7.733.615 | 73.262 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.063.615 | 7.723.615 | 7.723.615 | 73.212 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.053.615 | 7.713.615 | 7.713.615 | 73.162 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.043.615 | 7.703.615 | 7.703.615 | 73.112 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.033.615 | 7.693.615 | 7.693.615 | 73.062 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.023.615 | 7.683.614 | 7.683.614 | 73.012 | 130.000 | 340.000 | 340.001 | Achieved |
| 8.003.615 | 7.663.614 | 7.663.614 | 72.913 | 130.000 | 340.000 | 340.001 | Achieved |
| 7.993.615 | 7.653.616 | 7.653.616 | 72.863 | 130.000 | 340.000 | 339.999 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 7.983.615 | 7.643.613 | 7.643.613 | 72.813 | 130.000 | 340.000 | 340.002 | Achieved |
| 7.963.615 | 7.623.613 | 7.623.613 | 72.713 | 130.000 | 340.000 | 340.002 | Achieved |
| 7.953.615 | 7.613.615 | 7.613.615 | 72.663 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.943.615 | 7.603.615 | 7.603.615 | 72.613 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.923.615 | 7.583.612 | 7.583.612 | 72.514 | 130.000 | 340.000 | 340.003 | Achieved |
| 7.903.615 | 7.563.613 | 7.563.613 | 72.414 | 130.000 | 340.000 | 340.002 | Achieved |
| 7.883.615 | 7.543.610 | 7.543.610 | 72.314 | 130.000 | 340.000 | 340.004 | Achieved |
| 7.863.615 | 7.523.610 | 7.523.610 | 72.214 | 130.000 | 340.000 | 340.005 | Achieved |
| 7.853.615 | 7.513.615 | 7.513.615 | 72.165 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.843.615 | 7.503.615 | 7.503.615 | 72.115 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.833.615 | 7.493.615 | 7.493.615 | 72.065 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.823.615 | 7.483.615 | 7.483.615 | 72.015 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.813.615 | 7.473.615 | 7.473.615 | 71.965 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.803.615 | 7.463.615 | 7.463.615 | 71.915 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.793.615 | 7.453.615 | 7.453.615 | 71.865 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.783.615 | 7.443.615 | 7.443.615 | 71.815 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.773.615 | 7.433.615 | 7.433.615 | 71.766 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.763.615 | 7.423.615 | 7.423.615 | 71.716 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.753.615 | 7.413.615 | 7.413.615 | 71.666 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.743.615 | 7.403.615 | 7.403.615 | 71.616 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.733.615 | 7.393.615 | 7.393.615 | 71.566 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.723.615 | 7.383.615 | 7.383.615 | 71.516 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.713.615 | 7.373.615 | 7.373.615 | 71.466 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.703.615 | 7.363.615 | 7.363.615 | 71.450 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.693.615 | 7.353.615 | 7.353.615 | 71.503 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.683.614 | 7.343.615 | 7.343.615 | 71.618 | 130.000 | 340.000 | 339.999 | Achieved |
| 7.673.616 | 7.333.615 | 7.333.615 | 71.596 | 130.000 | 340.000 | 340.001 | Achieved |
| 7.663.614 | 7.323.615 | 7.323.615 | 71.550 | 130.000 | 340.000 | 339.999 | Achieved |
| 7.653.616 | 7.313.615 | 7.313.615 | 71.504 | 130.000 | 340.000 | 340.001 | Achieved |
| 7.633.616 | 7.293.615 | 7.293.615 | 71.414 | 130.000 | 340.000 | 340.001 | Achieved |
| 7.613.615 | 7.273.615 | 7.273.615 | 71.325 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.603.615 | 7.263.615 | 7.263.615 | 71.280 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.593.617 | 7.253.615 | 7.253.615 | 71.234 | 130.000 | 340.000 | 340.002 | Achieved |
| 7.573.619 | 7.233.615 | 7.233.615 | 71.145 | 130.000 | 340.000 | 340.004 | Achieved |
| 7.553.617 | 7.213.615 | 7.213.615 | 71.054 | 130.000 | 340.000 | 340.002 | Achieved |
| 7.533.618 | 7.193.615 | 7.193.615 | 70.964 | 130.000 | 340.000 | 340.003 | Achieved |
| 7.513.615 | 7.173.615 | 7.173.615 | 70.874 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.503.615 | 7.163.615 | 7.163.615 | 70.829 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.493.615 | 7.153.615 | 7.153.615 | 70.779 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.483.615 | 7.143.615 | 7.143.615 | 70.729 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.473.615 | 7.133.615 | 7.133.615 | 70.679 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.463.615 | 7.123.615 | 7.123.615 | 70.629 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.453.615 | 7.113.615 | 7.113.615 | 70.579 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.443.615 | 7.103.615 | 7.103.615 | 70.530 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.433.615 | 7.093.615 | 7.093.615 | 70.480 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.423.615 | 7.083.615 | 7.083.615 | 70.430 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.413.615 | 7.073.615 | 7.073.615 | 70.380 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.403.615 | 7.063.615 | 7.063.615 | 70.330 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.393.615 | 7.053.615 | 7.053.615 | 70.281 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.383.615 | 7.043.615 | 7.043.615 | 70.230 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.373.615 | 7.033.615 | 7.033.615 | 70.181 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.363.615 | 7.023.615 | 7.023.615 | 70.130 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.353.615 | 7.013.615 | 7.013.615 | 70.081 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.343.615 | 7.003.615 | 7.003.615 | 70.031 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.333.615 | 6.993.615 | 6.993.615 | 69.981 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.323.615 | 6.983.615 | 6.983.615 | 69.931 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.313.615 | 6.973.615 | 6.973.615 | 69.881 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.303.615 | 6.963.615 | 6.963.615 | 69.831 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.293.615 | 6.953.615 | 6.953.615 | 69.781 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.283.615 | 6.943.615 | 6.943.615 | 69.732 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.273.615 | 6.933.615 | 6.933.615 | 69.682 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.263.615 | 6.923.615 | 6.923.615 | 69.632 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.253.615 | 6.913.615 | 6.913.615 | 69.582 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.243.615 | 6.903.615 | 6.903.615 | 69.532 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.233.615 | 6.893.615 | 6.893.615 | 69.483 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.223.615 | 6.883.615 | 6.883.615 | 69.432 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.213.615 | 6.873.615 | 6.873.615 | 69.382 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.203.615 | 6.863.615 | 6.863.615 | 69.334 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.193.615 | 6.853.615 | 6.853.615 | 69.289 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.183.615 | 6.843.615 | 6.843.615 | 69.246 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.173.615 | 6.833.615 | 6.833.615 | 69.207 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.163.615 | 6.823.615 | 6.823.615 | 69.172 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.153.615 | 6.813.615 | 6.813.615 | 69.139 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 7.143.615 | 6.803.615 | 6.803.615 | 69.111 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.133.615 | 6.793.615 | 6.793.615 | 69.085 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.123.615 | 6.783.615 | 6.783.615 | 69.063 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.113.615 | 6.773.615 | 6.773.615 | 69.045 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.103.615 | 6.763.615 | 6.763.615 | 69.029 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.093.615 | 6.753.615 | 6.753.615 | 69.017 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.083.615 | 6.743.615 | 6.743.615 | 69.007 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.073.615 | 6.733.615 | 6.733.615 | 69.003 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.063.615 | 6.723.615 | 6.723.615 | 68.999 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.053.615 | 6.713.615 | 6.713.615 | 69.001 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.043.615 | 6.703.615 | 6.703.615 | 69.005 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.033.615 | 6.693.615 | 6.693.615 | 69.013 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.023.615 | 6.683.615 | 6.683.615 | 69.024 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.013.615 | 6.673.615 | 6.673.615 | 69.038 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.003.615 | 6.663.615 | 6.663.615 | 69.056 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.993.615 | 6.653.615 | 6.653.615 | 69.077 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.983.615 | 6.643.615 | 6.643.615 | 69.102 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.973.615 | 6.633.615 | 6.633.615 | 69.130 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.963.615 | 6.623.615 | 6.623.615 | 69.161 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.953.615 | 6.613.615 | 6.613.615 | 69.196 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.943.615 | 6.603.615 | 6.603.615 | 69.233 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.933.615 | 6.593.615 | 6.593.615 | 69.275 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.923.615 | 6.583.615 | 6.583.615 | 69.318 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.913.615 | 6.573.615 | 6.573.615 | 69.367 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.903.615 | 6.563.615 | 6.563.615 | 69.417 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.893.615 | 6.553.615 | 6.553.615 | 69.472 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.883.615 | 6.543.615 | 6.543.615 | 69.529 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.873.615 | 6.533.615 | 6.533.615 | 69.589 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.863.615 | 6.523.615 | 6.523.615 | 69.648 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.853.615 | 6.513.615 | 6.513.615 | 69.708 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.843.615 | 6.503.615 | 6.503.615 | 69.768 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.823.615 | 6.483.610 | 6.483.610 | 69.887 | 130.000 | 340.000 | 340.004 | Achieved |
| 6.813.615 | 6.473.616 | 6.473.616 | 69.947 | 130.000 | 340.000 | 339.999 | Achieved |
| 6.803.615 | 6.463.616 | 6.463.616 | 70.007 | 130.000 | 340.000 | 339.999 | Achieved |
| 6.783.615 | 6.443.611 | 6.443.611 | 70.127 | 130.000 | 340.000 | 340.004 | Achieved |
| 6.773.615 | 6.433.614 | 6.433.614 | 70.186 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.763.615 | 6.423.614 | 6.423.614 | 70.246 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.743.615 | 6.403.612 | 6.403.612 | 70.365 | 130.000 | 340.000 | 340.003 | Achieved |
| 6.723.615 | 6.383.613 | 6.383.613 | 70.485 | 130.000 | 340.000 | 340.002 | Achieved |
| 6.713.615 | 6.373.615 | 6.373.615 | 70.545 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.703.615 | 6.363.615 | 6.363.615 | 70.604 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.693.615 | 6.353.616 | 6.353.616 | 70.664 | 130.000 | 340.000 | 339.999 | Achieved |
| 6.683.615 | 6.343.613 | 6.343.613 | 70.724 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.673.615 | 6.333.614 | 6.333.614 | 70.784 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.663.615 | 6.323.614 | 6.323.614 | 70.843 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.653.615 | 6.313.615 | 6.313.615 | 70.903 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.643.615 | 6.303.614 | 6.303.614 | 70.963 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.633.615 | 6.293.615 | 6.293.615 | 71.023 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.623.615 | 6.283.615 | 6.283.615 | 71.082 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.613.615 | 6.273.615 | 6.273.615 | 71.142 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.603.615 | 6.263.615 | 6.263.615 | 71.202 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.593.615 | 6.253.614 | 6.253.614 | 71.262 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.573.615 | 6.233.615 | 6.233.615 | 71.381 | 130.000 | 340.000 | 339.999 | Achieved |
| 6.563.615 | 6.223.615 | 6.223.615 | 71.441 | 130.000 | 340.000 | 339.999 | Achieved |
| 6.553.615 | 6.213.613 | 6.213.613 | 71.500 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.533.615 | 6.193.613 | 6.193.613 | 71.620 | 130.000 | 340.000 | 340.002 | Achieved |
| 6.513.615 | 6.173.614 | 6.173.614 | 71.740 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.503.615 | 6.163.614 | 6.163.614 | 71.799 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.493.619 | 6.153.612 | 6.153.612 | 71.856 | 130.000 | 340.000 | 340.006 | Achieved |
| 6.473.616 | 6.133.616 | 6.133.616 | 71.966 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.463.616 | 6.123.616 | 6.123.616 | 72.021 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.453.617 | 6.113.612 | 6.113.612 | 72.076 | 130.000 | 340.000 | 340.005 | Achieved |
| 6.433.614 | 6.093.611 | 6.093.611 | 72.185 | 130.000 | 340.000 | 340.003 | Achieved |
| 6.413.616 | 6.073.615 | 6.073.615 | 72.295 | 130.000 | 340.000 | 340.002 | Achieved |
| 6.393.617 | 6.053.615 | 6.053.615 | 72.405 | 130.000 | 340.000 | 340.002 | Achieved |
| 6.373.615 | 6.033.615 | 6.033.615 | 72.515 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.363.615 | 6.023.615 | 6.023.615 | 72.571 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.353.616 | 6.013.615 | 6.013.615 | 72.625 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.333.614 | 5.993.615 | 5.993.615 | 72.735 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.323.614 | 5.983.615 | 5.983.615 | 72.790 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.313.615 | 5.973.615 | 5.973.615 | 72.779 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.303.614 | 5.963.615 | 5.963.615 | 72.761 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.293.615 | 5.953.615 | 5.953.615 | 72.772 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|--------------|
| 6.283.615 | 5.943.615 | 5.943.615 | 72.751 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.273.615 | 5.933.615 | 5.933.615 | 72.764 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.263.615 | 5.923.615 | 5.923.615 | 72.819 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.253.614 | 5.913.615 | 5.913.615 | 72.873 | 130.000 | 340.000 | 339.999 | Achieved |
| 6.243.616 | 5.903.615 | 5.903.615 | 72.927 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.233.615 | 5.893.615 | 5.893.615 | 72.983 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.223.615 | 5.893.615 | 5.893.615 | 73.038 | 130.000 | 340.000 | 330.001 | Not Achieved |
| 6.213.613 | 5.883.615 | 5.883.615 | 73.093 | 130.000 | 340.000 | 329.999 | Not Achieved |
| 6.203.617 | 5.873.615 | 5.873.615 | 73.147 | 130.000 | 340.000 | 330.002 | Not Achieved |
| 6.193.613 | 5.863.615 | 5.863.615 | 73.203 | 130.000 | 340.000 | 329.998 | Not Achieved |
| 6.183.617 | 5.853.615 | 5.853.615 | 73.257 | 130.000 | 340.000 | 330.002 | Not Achieved |
| 6.173.614 | 5.843.615 | 5.843.615 | 73.312 | 130.000 | 340.000 | 329.999 | Not Achieved |
| 6.163.614 | 5.833.615 | 5.833.615 | 73.368 | 130.000 | 340.000 | 329.999 | Not Achieved |
| 6.153.612 | 5.823.615 | 5.823.615 | 73.422 | 130.000 | 340.000 | 329.998 | Not Achieved |
| 6.143.619 | 5.813.615 | 5.813.615 | 73.476 | 130.000 | 340.000 | 330.004 | Not Achieved |
| 6.133.616 | 5.813.615 | 5.813.615 | 73.532 | 130.000 | 340.000 | 320.001 | Not Achieved |
| 6.123.616 | 5.803.615 | 5.803.615 | 73.587 | 130.000 | 340.000 | 320.001 | Not Achieved |
| 6.113.612 | 5.793.615 | 5.793.615 | 73.642 | 130.000 | 340.000 | 319.997 | Not Achieved |
| 6.103.620 | 5.783.615 | 5.783.615 | 73.696 | 130.000 | 340.000 | 320.005 | Not Achieved |
| 6.093.611 | 5.773.615 | 5.773.615 | 73.755 | 130.000 | 340.000 | 319.996 | Not Achieved |
| 6.083.619 | 5.763.615 | 5.763.615 | 73.814 | 130.000 | 340.000 | 320.005 | Not Achieved |
| 6.073.615 | 5.753.615 | 5.753.615 | 73.875 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 6.063.615 | 5.743.615 | 5.743.615 | 73.934 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 6.053.615 | 5.733.615 | 5.733.615 | 73.994 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 6.043.615 | 5.723.615 | 5.723.615 | 74.053 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 6.033.615 | 5.713.615 | 5.713.615 | 74.114 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 6.023.615 | 5.703.615 | 5.703.615 | 74.173 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 6.013.615 | 5.693.615 | 5.693.615 | 74.233 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 6.003.615 | 5.683.615 | 5.683.615 | 74.292 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 5.993.615 | 5.673.615 | 5.673.615 | 74.352 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 5.983.615 | 5.663.615 | 5.663.615 | 74.412 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 5.973.615 | 5.653.615 | 5.653.615 | 74.472 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 5.963.615 | 5.643.615 | 5.643.615 | 74.532 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 5.953.615 | 5.633.615 | 5.633.615 | 74.591 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 5.943.615 | 5.623.615 | 5.623.615 | 74.651 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 5.933.615 | 5.613.615 | 5.613.615 | 74.711 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 5.923.615 | 5.603.615 | 5.603.615 | 74.771 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 5.913.615 | 5.593.615 | 5.593.615 | 74.831 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 5.903.615 | 5.583.615 | 5.583.615 | 74.890 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 5.893.615 | 5.573.615 | 5.573.615 | 74.950 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 5.883.615 | 5.573.615 | 5.573.615 | 75.009 | 130.000 | 340.000 | 310.000 | Not Achieved |
| 5.873.615 | 5.553.615 | 5.553.615 | 75.069 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 5.863.615 | 5.543.615 | 5.543.615 | 75.129 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 5.853.615 | 5.533.615 | 5.533.615 | 75.189 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 5.843.615 | 5.523.615 | 5.523.615 | 75.248 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 5.833.615 | 5.513.615 | 5.513.615 | 75.308 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 5.823.615 | 5.503.615 | 5.503.615 | 75.368 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 5.813.615 | 5.493.615 | 5.493.615 | 75.428 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 5.803.615 | 5.483.615 | 5.483.615 | 75.488 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 5.793.615 | 5.463.615 | 5.463.615 | 75.547 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 5.783.615 | 5.453.615 | 5.453.615 | 75.607 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 5.773.615 | 5.433.615 | 5.433.615 | 75.667 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.763.615 | 5.423.615 | 5.423.615 | 75.727 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.753.615 | 5.413.615 | 5.413.615 | 75.787 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.743.615 | 5.403.615 | 5.403.615 | 75.846 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.733.615 | 5.393.615 | 5.393.615 | 75.906 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.723.615 | 5.383.615 | 5.383.615 | 75.965 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.713.615 | 5.373.615 | 5.373.615 | 76.025 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.703.615 | 5.363.615 | 5.363.615 | 76.085 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.693.615 | 5.353.615 | 5.353.615 | 76.145 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.683.615 | 5.343.615 | 5.343.615 | 76.204 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.673.615 | 5.333.615 | 5.333.615 | 76.264 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.663.615 | 5.323.615 | 5.323.615 | 76.324 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.653.615 | 5.313.615 | 5.313.615 | 76.384 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.643.615 | 5.303.615 | 5.303.615 | 76.443 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.633.615 | 5.293.615 | 5.293.615 | 76.503 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.623.615 | 5.283.615 | 5.283.615 | 76.563 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.613.615 | 5.273.615 | 5.273.615 | 76.623 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.603.615 | 5.263.615 | 5.263.615 | 76.683 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.593.615 | 5.253.615 | 5.253.615 | 76.742 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.583.615 | 5.243.615 | 5.243.615 | 76.802 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.573.615 | 5.233.615 | 5.233.615 | 76.862 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.563.615 | 5.223.615 | 5.223.615 | 76.921 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 5.553.615 | 5.213.615 | 5.213.615 | 76.981 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.543.615 | 5.203.615 | 5.203.615 | 77.041 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.533.615 | 5.193.615 | 5.193.615 | 77.101 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.523.615 | 5.183.615 | 5.183.615 | 77.160 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.513.615 | 5.173.615 | 5.173.615 | 77.220 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.503.615 | 5.163.615 | 5.163.615 | 77.280 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.493.615 | 5.153.615 | 5.153.615 | 77.340 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.483.615 | 5.143.615 | 5.143.615 | 77.399 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.473.615 | 5.133.615 | 5.133.615 | 77.459 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.463.615 | 5.123.615 | 5.123.615 | 77.519 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.453.615 | 5.113.610 | 5.113.610 | 77.579 | 130.000 | 340.000 | 340.005 | Achieved |
| 5.433.615 | 5.093.613 | 5.093.613 | 77.698 | 130.000 | 340.000 | 340.002 | Achieved |
| 5.413.615 | 5.073.612 | 5.073.612 | 77.818 | 130.000 | 340.000 | 340.002 | Achieved |
| 5.393.615 | 5.053.615 | 5.053.615 | 77.937 | 130.000 | 340.000 | 339.999 | Achieved |
| 5.383.615 | 5.043.615 | 5.043.615 | 77.997 | 130.000 | 340.000 | 339.999 | Achieved |
| 5.373.615 | 5.033.613 | 5.033.613 | 78.057 | 130.000 | 340.000 | 340.002 | Achieved |
| 5.353.615 | 5.013.613 | 5.013.613 | 78.176 | 130.000 | 340.000 | 340.002 | Achieved |
| 5.333.615 | 4.993.614 | 4.993.614 | 78.295 | 130.000 | 340.000 | 340.001 | Achieved |
| 5.313.615 | 4.973.614 | 4.973.614 | 78.415 | 130.000 | 340.000 | 340.001 | Achieved |
| 5.293.615 | 4.953.615 | 4.953.615 | 78.534 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.283.615 | 4.943.615 | 4.943.615 | 78.594 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.273.615 | 4.933.615 | 4.933.615 | 78.654 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.263.615 | 4.923.615 | 4.923.615 | 78.714 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.253.615 | 4.913.615 | 4.913.615 | 78.774 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.243.615 | 4.903.615 | 4.903.615 | 78.833 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.233.615 | 4.893.615 | 4.893.615 | 78.893 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.223.615 | 4.883.614 | 4.883.614 | 78.953 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.213.615 | 4.873.616 | 4.873.616 | 79.013 | 130.000 | 340.000 | 339.999 | Achieved |
| 5.203.615 | 4.863.613 | 4.863.613 | 79.072 | 130.000 | 340.000 | 340.001 | Achieved |
| 5.193.615 | 4.853.614 | 4.853.614 | 79.132 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.183.615 | 4.843.614 | 4.843.614 | 79.192 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.163.615 | 4.823.612 | 4.823.612 | 79.311 | 130.000 | 340.000 | 340.002 | Achieved |
| 5.143.615 | 4.803.613 | 4.803.613 | 79.431 | 130.000 | 340.000 | 340.002 | Achieved |
| 5.123.615 | 4.783.611 | 4.783.611 | 79.550 | 130.000 | 340.000 | 340.004 | Achieved |
| 5.103.618 | 4.763.611 | 4.763.611 | 79.675 | 130.000 | 340.000 | 340.008 | Achieved |
| 5.093.613 | 4.753.614 | 4.753.614 | 79.739 | 130.000 | 340.000 | 339.999 | Achieved |
| 5.083.620 | 4.743.614 | 4.743.614 | 79.804 | 130.000 | 340.000 | 340.006 | Achieved |
| 5.063.619 | 4.723.610 | 4.723.610 | 79.933 | 130.000 | 340.000 | 340.009 | Achieved |
| 5.053.615 | 4.713.615 | 4.713.615 | 79.998 | 130.000 | 340.000 | 340.001 | Achieved |
| 5.043.615 | 4.703.615 | 4.703.615 | 80.062 | 130.000 | 340.000 | 340.001 | Achieved |
| 5.023.618 | 4.683.615 | 4.683.615 | 80.192 | 130.000 | 340.000 | 340.003 | Achieved |
| 5.003.616 | 4.663.615 | 4.663.615 | 80.321 | 130.000 | 340.000 | 340.002 | Achieved |
| 4.993.614 | 4.653.615 | 4.653.615 | 80.384 | 130.000 | 340.000 | 339.999 | Achieved |
| 4.983.617 | 4.643.615 | 4.643.615 | 80.450 | 130.000 | 340.000 | 340.002 | Achieved |
| 4.973.614 | 4.633.615 | 4.633.615 | 80.513 | 130.000 | 340.000 | 339.999 | Achieved |
| 4.963.616 | 4.623.615 | 4.623.615 | 80.579 | 130.000 | 340.000 | 340.001 | Achieved |
| 4.953.615 | 4.613.615 | 4.613.615 | 80.644 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.943.615 | 4.603.615 | 4.603.615 | 80.708 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.933.615 | 4.593.615 | 4.593.615 | 80.795 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.923.615 | 4.583.615 | 4.583.615 | 80.936 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.913.615 | 4.573.615 | 4.573.615 | 81.052 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.903.615 | 4.563.615 | 4.563.615 | 81.186 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.893.615 | 4.553.615 | 4.553.615 | 81.312 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.883.614 | 4.543.615 | 4.543.615 | 81.397 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.873.616 | 4.533.615 | 4.533.615 | 81.460 | 130.000 | 340.000 | 340.001 | Achieved |
| 4.853.614 | 4.513.615 | 4.513.615 | 81.590 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.843.614 | 4.503.615 | 4.503.615 | 81.655 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.833.616 | 4.493.615 | 4.493.615 | 81.718 | 130.000 | 340.000 | 340.001 | Achieved |
| 4.813.617 | 4.473.615 | 4.473.615 | 81.848 | 130.000 | 340.000 | 340.003 | Achieved |
| 4.793.616 | 4.453.615 | 4.453.615 | 81.977 | 130.000 | 340.000 | 340.001 | Achieved |
| 4.773.617 | 4.433.615 | 4.433.615 | 82.106 | 130.000 | 340.000 | 340.002 | Achieved |
| 4.753.614 | 4.413.615 | 4.413.615 | 82.236 | 130.000 | 340.000 | 339.999 | Achieved |
| 4.743.614 | 4.403.615 | 4.403.615 | 82.301 | 130.000 | 340.000 | 339.999 | Achieved |
| 4.733.618 | 4.393.615 | 4.393.615 | 82.364 | 130.000 | 340.000 | 340.003 | Achieved |
| 4.713.615 | 4.373.615 | 4.373.615 | 82.494 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.703.615 | 4.363.615 | 4.363.615 | 82.554 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.693.615 | 4.353.615 | 4.353.615 | 82.614 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.683.615 | 4.343.615 | 4.343.615 | 82.673 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.673.615 | 4.333.615 | 4.333.615 | 82.733 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.663.615 | 4.323.615 | 4.323.615 | 82.792 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.653.615 | 4.313.615 | 4.313.615 | 82.853 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.643.615 | 4.303.615 | 4.303.615 | 82.912 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.633.615 | 4.293.615 | 4.293.615 | 82.972 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 4.623.615 | 4.283.615 | 4.283.615 | 83.031 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.613.615 | 4.273.615 | 4.273.615 | 83.091 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.603.615 | 4.263.615 | 4.263.615 | 83.151 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.593.615 | 4.253.615 | 4.253.615 | 83.211 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.583.615 | 4.243.615 | 4.243.615 | 83.270 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.573.615 | 4.233.615 | 4.233.615 | 83.330 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.563.615 | 4.223.615 | 4.223.615 | 83.390 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.553.615 | 4.213.615 | 4.213.615 | 83.450 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.543.615 | 4.203.615 | 4.203.615 | 83.510 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.533.615 | 4.193.615 | 4.193.615 | 83.570 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.523.615 | 4.183.615 | 4.183.615 | 83.629 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.513.615 | 4.173.615 | 4.173.615 | 83.689 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.503.615 | 4.163.615 | 4.163.615 | 83.748 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.493.615 | 4.153.615 | 4.153.615 | 83.809 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.483.615 | 4.143.615 | 4.143.615 | 83.868 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.473.615 | 4.133.615 | 4.133.615 | 83.928 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.463.615 | 4.123.615 | 4.123.615 | 83.987 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.453.615 | 4.113.615 | 4.113.615 | 84.047 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.443.615 | 4.103.615 | 4.103.615 | 84.107 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.433.615 | 4.093.615 | 4.093.615 | 84.167 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.423.615 | 4.083.615 | 4.083.615 | 84.226 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.413.615 | 4.073.615 | 4.073.615 | 84.286 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.403.615 | 4.063.615 | 4.063.615 | 84.346 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.393.615 | 4.053.615 | 4.053.615 | 84.406 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.383.615 | 4.043.615 | 4.043.615 | 84.466 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.373.615 | 4.033.615 | 4.033.615 | 84.525 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.363.615 | 4.023.615 | 4.023.615 | 84.585 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.353.615 | 4.013.615 | 4.013.615 | 84.645 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.343.615 | 4.003.615 | 4.003.615 | 84.704 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.333.615 | 3.993.615 | 3.993.615 | 84.765 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.323.615 | 3.983.615 | 3.983.615 | 84.824 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.313.615 | 3.973.615 | 3.973.615 | 84.884 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.303.615 | 3.963.615 | 3.963.615 | 84.943 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.293.615 | 3.953.615 | 3.953.615 | 85.003 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.283.615 | 3.943.615 | 3.943.615 | 85.063 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.273.615 | 3.933.615 | 3.933.615 | 85.123 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.263.615 | 3.923.615 | 3.923.615 | 85.182 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.253.615 | 3.913.615 | 3.913.615 | 85.242 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.243.615 | 3.903.615 | 3.903.615 | 85.302 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.233.615 | 3.893.615 | 3.893.615 | 85.361 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.223.615 | 3.883.615 | 3.883.615 | 85.421 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.213.615 | 3.873.615 | 3.873.615 | 85.481 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.203.615 | 3.863.615 | 3.863.615 | 85.541 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.183.615 | 3.843.608 | 3.843.608 | 85.660 | 130.000 | 340.000 | 340.006 | Achieved |
| 4.163.615 | 3.823.610 | 3.823.610 | 85.780 | 130.000 | 340.000 | 340.005 | Achieved |
| 4.153.615 | 3.813.614 | 3.813.614 | 85.840 | 130.000 | 340.000 | 340.001 | Achieved |
| 4.143.615 | 3.803.614 | 3.803.614 | 85.899 | 130.000 | 340.000 | 340.001 | Achieved |
| 4.123.615 | 3.783.611 | 3.783.611 | 86.019 | 130.000 | 340.000 | 340.004 | Achieved |
| 4.103.615 | 3.763.613 | 3.763.613 | 86.138 | 130.000 | 340.000 | 340.002 | Achieved |
| 4.083.615 | 3.743.611 | 3.743.611 | 86.258 | 130.000 | 340.000 | 340.003 | Achieved |
| 4.063.615 | 3.723.612 | 3.723.612 | 86.377 | 130.000 | 340.000 | 340.002 | Achieved |
| 4.053.615 | 3.713.614 | 3.713.614 | 86.437 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.043.615 | 3.703.615 | 3.703.615 | 86.497 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.033.615 | 3.693.615 | 3.693.615 | 86.557 | 130.000 | 340.000 | 339.999 | Achieved |
| 4.023.615 | 3.683.613 | 3.683.613 | 86.616 | 130.000 | 340.000 | 340.001 | Achieved |
| 4.013.615 | 3.673.615 | 3.673.615 | 86.676 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.003.615 | 3.663.615 | 3.663.615 | 86.736 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.993.615 | 3.653.615 | 3.653.615 | 86.796 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.983.615 | 3.643.615 | 3.643.615 | 86.855 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.973.615 | 3.633.614 | 3.633.614 | 86.915 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.963.615 | 3.623.615 | 3.623.615 | 86.975 | 130.000 | 340.000 | 339.999 | Achieved |
| 3.953.615 | 3.613.613 | 3.613.613 | 87.034 | 130.000 | 340.000 | 340.001 | Achieved |
| 3.933.615 | 3.593.616 | 3.593.616 | 87.154 | 130.000 | 340.000 | 339.999 | Achieved |
| 3.913.615 | 3.573.615 | 3.573.615 | 87.273 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.903.615 | 3.563.615 | 3.563.615 | 87.333 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.893.615 | 3.553.613 | 3.553.613 | 87.393 | 130.000 | 340.000 | 340.002 | Achieved |
| 3.873.615 | 3.533.612 | 3.533.612 | 87.513 | 130.000 | 340.000 | 340.003 | Achieved |
| 3.853.617 | 3.513.610 | 3.513.610 | 87.632 | 130.000 | 340.000 | 340.007 | Achieved |
| 3.833.618 | 3.493.618 | 3.493.618 | 87.746 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.813.614 | 3.473.615 | 3.473.615 | 87.856 | 130.000 | 340.000 | 339.999 | Achieved |
| 3.803.614 | 3.463.615 | 3.463.615 | 87.911 | 130.000 | 340.000 | 339.999 | Achieved |
| 3.793.617 | 3.453.615 | 3.453.615 | 87.966 | 130.000 | 340.000 | 340.002 | Achieved |
| 3.773.618 | 3.433.615 | 3.433.615 | 88.076 | 130.000 | 340.000 | 340.003 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|--------------|
| 3.753.616 | 3.413.615 | 3.413.615 | 88.185 | 130.000 | 340.000 | 340.001 | Achieved |
| 3.733.616 | 3.393.615 | 3.393.615 | 88.295 | 130.000 | 340.000 | 340.001 | Achieved |
| 3.713.614 | 3.373.615 | 3.373.615 | 88.405 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.703.615 | 3.363.615 | 3.363.615 | 88.460 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.693.615 | 3.353.615 | 3.353.615 | 88.515 | 130.000 | 340.000 | 340.001 | Achieved |
| 3.683.613 | 3.353.615 | 3.353.615 | 88.569 | 130.000 | 340.000 | 329.999 | Not Achieved |
| 3.673.615 | 3.343.615 | 3.343.615 | 88.625 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 3.663.615 | 3.343.615 | 3.343.615 | 88.653 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.653.615 | 3.343.615 | 3.343.615 | 88.643 | 130.000 | 340.000 | 310.000 | Not Achieved |
| 3.643.615 | 3.333.615 | 3.333.615 | 88.639 | 130.000 | 340.000 | 310.000 | Not Achieved |
| 3.633.614 | 3.333.615 | 3.333.615 | 88.632 | 130.000 | 340.000 | 300.000 | Not Achieved |
| 3.623.615 | 3.323.615 | 3.323.615 | 88.614 | 130.000 | 340.000 | 300.001 | Not Achieved |
| 3.613.613 | 3.313.615 | 3.313.615 | 88.651 | 130.000 | 340.000 | 299.999 | Not Achieved |
| 3.603.616 | 3.313.615 | 3.313.615 | 88.696 | 130.000 | 340.000 | 290.001 | Not Achieved |
| 3.593.616 | 3.303.615 | 3.303.615 | 88.747 | 130.000 | 340.000 | 290.001 | Not Achieved |
| 3.583.616 | 3.293.615 | 3.293.615 | 88.794 | 130.000 | 340.000 | 290.001 | Not Achieved |
| 3.573.615 | 3.283.615 | 3.283.615 | 88.843 | 130.000 | 340.000 | 290.000 | Not Achieved |
| 3.563.615 | 3.273.615 | 3.273.615 | 88.892 | 130.000 | 340.000 | 290.000 | Not Achieved |
| 3.553.613 | 3.273.615 | 3.273.615 | 88.940 | 130.000 | 340.000 | 279.998 | Not Achieved |
| 3.543.620 | 3.263.615 | 3.263.615 | 88.988 | 130.000 | 340.000 | 280.005 | Not Achieved |
| 3.533.612 | 3.253.615 | 3.253.615 | 89.036 | 130.000 | 340.000 | 279.997 | Not Achieved |
| 3.523.620 | 3.243.615 | 3.243.615 | 89.083 | 130.000 | 340.000 | 280.005 | Not Achieved |
| 3.513.610 | 3.233.615 | 3.233.615 | 89.134 | 130.000 | 340.000 | 279.995 | Not Achieved |
| 3.503.620 | 3.223.615 | 3.223.615 | 89.179 | 130.000 | 340.000 | 280.005 | Not Achieved |
| 3.493.618 | 3.213.615 | 3.213.615 | 89.230 | 130.000 | 340.000 | 280.003 | Not Achieved |
| 3.483.615 | 3.203.615 | 3.203.615 | 89.290 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.473.615 | 3.193.615 | 3.193.615 | 89.350 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.463.615 | 3.183.615 | 3.183.615 | 89.410 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.453.615 | 3.173.615 | 3.173.615 | 89.470 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.443.615 | 3.163.615 | 3.163.615 | 89.529 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.433.615 | 3.153.615 | 3.153.615 | 89.589 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.423.615 | 3.143.615 | 3.143.615 | 89.649 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.413.615 | 3.133.615 | 3.133.615 | 89.708 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.403.615 | 3.123.615 | 3.123.615 | 89.768 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.393.615 | 3.113.615 | 3.113.615 | 89.828 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.383.615 | 3.103.615 | 3.103.615 | 89.887 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.373.615 | 3.093.615 | 3.093.615 | 89.947 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.363.615 | 3.083.615 | 3.083.615 | 90.007 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.353.615 | 3.073.615 | 3.073.615 | 90.066 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.343.615 | 3.063.615 | 3.063.615 | 90.127 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.333.615 | 3.053.615 | 3.053.615 | 90.187 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.323.615 | 3.043.615 | 3.043.615 | 90.246 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.313.615 | 3.033.615 | 3.033.615 | 90.306 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.303.615 | 3.023.615 | 3.023.615 | 90.365 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.293.615 | 3.013.615 | 3.013.615 | 90.425 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.283.615 | 3.003.615 | 3.003.615 | 90.485 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.273.615 | 2.993.615 | 2.993.615 | 90.545 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.263.615 | 2.983.615 | 2.983.615 | 90.605 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.253.615 | 2.973.615 | 2.973.615 | 90.665 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.243.615 | 2.963.615 | 2.963.615 | 90.724 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.233.615 | 2.953.615 | 2.953.615 | 90.784 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.223.615 | 2.943.615 | 2.943.615 | 90.844 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.213.615 | 2.933.615 | 2.933.615 | 90.903 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.203.615 | 2.923.615 | 2.923.615 | 90.963 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.193.615 | 2.913.615 | 2.913.615 | 91.023 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.183.615 | 2.903.615 | 2.903.615 | 91.082 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.173.615 | 2.893.615 | 2.893.615 | 91.142 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.163.615 | 2.883.615 | 2.883.615 | 91.202 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.153.615 | 2.873.615 | 2.873.615 | 91.261 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.143.615 | 2.863.615 | 2.863.615 | 91.322 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.133.615 | 2.853.615 | 2.853.615 | 91.381 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.123.615 | 2.843.615 | 2.843.615 | 91.441 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.113.615 | 2.833.615 | 2.833.615 | 91.501 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.103.615 | 2.823.615 | 2.823.615 | 91.560 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.093.615 | 2.813.615 | 2.813.615 | 91.620 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.083.615 | 2.803.615 | 2.803.615 | 91.680 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.073.615 | 2.793.615 | 2.793.615 | 91.740 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.063.615 | 2.783.615 | 2.783.615 | 91.800 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.053.615 | 2.773.615 | 2.773.615 | 91.860 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.043.615 | 2.763.615 | 2.763.615 | 91.919 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.033.615 | 2.753.615 | 2.753.615 | 91.979 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.023.615 | 2.743.615 | 2.743.615 | 92.038 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.013.615 | 2.733.615 | 2.733.615 | 92.098 | 130.000 | 340.000 | 280.000 | Not Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|--------------|
| 3.003.615 | 2.723.615 | 2.723.615 | 92.158 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.993.615 | 2.713.615 | 2.713.615 | 92.218 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.983.615 | 2.703.615 | 2.703.615 | 92.277 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.973.615 | 2.693.615 | 2.693.615 | 92.337 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.963.615 | 2.683.615 | 2.683.615 | 92.397 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.953.615 | 2.673.615 | 2.673.615 | 92.456 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.943.615 | 2.663.615 | 2.663.615 | 92.517 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.933.615 | 2.653.615 | 2.653.615 | 92.576 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.923.615 | 2.643.615 | 2.643.615 | 92.636 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.913.615 | 2.633.615 | 2.633.615 | 92.696 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.903.615 | 2.623.615 | 2.623.615 | 92.755 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.893.615 | 2.613.615 | 2.613.615 | 92.815 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.883.615 | 2.603.615 | 2.603.615 | 92.875 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.873.615 | 2.593.615 | 2.593.615 | 92.935 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.863.615 | 2.583.615 | 2.583.615 | 92.995 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.853.615 | 2.573.615 | 2.573.615 | 93.055 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.843.615 | 2.563.615 | 2.563.615 | 93.113 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.833.615 | 2.553.615 | 2.553.615 | 93.174 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.823.615 | 2.543.615 | 2.543.615 | 93.233 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.813.615 | 2.523.615 | 2.523.615 | 93.293 | 130.000 | 340.000 | 290.000 | Not Achieved |
| 2.803.615 | 2.513.615 | 2.513.615 | 93.353 | 130.000 | 340.000 | 290.000 | Not Achieved |
| 2.793.615 | 2.483.615 | 2.483.615 | 93.413 | 130.000 | 340.000 | 310.000 | Not Achieved |
| 2.783.615 | 2.463.615 | 2.463.615 | 93.472 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.773.615 | 2.433.615 | 2.433.615 | 93.532 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.763.615 | 2.423.615 | 2.423.615 | 93.592 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.753.615 | 2.413.615 | 2.413.615 | 93.651 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.743.615 | 2.403.615 | 2.403.615 | 93.711 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.733.615 | 2.393.615 | 2.393.615 | 93.771 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.723.615 | 2.383.615 | 2.383.615 | 93.831 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.713.615 | 2.373.615 | 2.373.615 | 93.891 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.703.615 | 2.373.615 | 2.373.615 | 93.950 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 2.693.615 | 2.373.615 | 2.373.615 | 94.010 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.683.615 | 2.373.615 | 2.373.615 | 94.070 | 130.000 | 340.000 | 310.000 | Not Achieved |
| 2.673.615 | 2.363.615 | 2.363.615 | 94.129 | 130.000 | 340.000 | 310.000 | Not Achieved |
| 2.663.615 | 2.353.615 | 2.353.615 | 94.190 | 130.000 | 340.000 | 310.000 | Not Achieved |
| 2.653.615 | 2.353.615 | 2.353.615 | 94.250 | 130.000 | 340.000 | 300.000 | Not Achieved |
| 2.643.615 | 2.343.615 | 2.343.615 | 94.308 | 130.000 | 340.000 | 300.000 | Not Achieved |
| 2.633.615 | 2.343.615 | 2.343.615 | 94.369 | 130.000 | 340.000 | 290.000 | Not Achieved |
| 2.623.615 | 2.333.615 | 2.333.615 | 94.428 | 130.000 | 340.000 | 290.000 | Not Achieved |
| 2.613.615 | 2.333.615 | 2.333.615 | 94.488 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.603.615 | 2.323.615 | 2.323.615 | 94.548 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.593.615 | 2.313.615 | 2.313.615 | 94.608 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.583.615 | 2.303.615 | 2.303.615 | 94.667 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.573.615 | 2.293.615 | 2.293.615 | 94.727 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.563.615 | 2.283.615 | 2.283.615 | 94.787 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.553.615 | 2.273.615 | 2.273.615 | 94.846 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.543.615 | 2.263.615 | 2.263.615 | 94.906 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.533.615 | 2.253.615 | 2.253.615 | 94.966 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.523.615 | 2.243.615 | 2.243.615 | 95.026 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.513.615 | 2.233.615 | 2.233.615 | 95.086 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.503.615 | 2.223.615 | 2.223.615 | 95.145 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.493.615 | 2.213.615 | 2.213.615 | 95.205 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.483.615 | 2.203.615 | 2.203.615 | 95.265 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.473.615 | 2.193.609 | 2.193.609 | 95.324 | 130.000 | 340.000 | 280.006 | Not Achieved |
| 2.463.615 | 2.183.620 | 2.183.620 | 95.384 | 130.000 | 340.000 | 279.995 | Not Achieved |
| 2.453.615 | 2.173.617 | 2.173.617 | 95.444 | 130.000 | 340.000 | 279.998 | Not Achieved |
| 2.443.615 | 2.163.617 | 2.163.617 | 95.503 | 130.000 | 340.000 | 279.998 | Not Achieved |
| 2.433.615 | 2.153.615 | 2.153.615 | 95.564 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.423.615 | 2.143.615 | 2.143.615 | 95.623 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 2.413.615 | 2.123.619 | 2.123.619 | 95.683 | 130.000 | 340.000 | 289.995 | Not Achieved |
| 2.403.615 | 2.113.613 | 2.113.613 | 95.743 | 130.000 | 340.000 | 290.002 | Not Achieved |
| 2.393.615 | 2.093.613 | 2.093.613 | 95.803 | 130.000 | 340.000 | 300.002 | Not Achieved |
| 2.383.615 | 2.063.615 | 2.063.615 | 95.862 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.373.615 | 2.033.615 | 2.033.615 | 95.922 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.363.615 | 2.023.615 | 2.023.615 | 95.981 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.343.615 | 2.003.610 | 2.003.610 | 96.101 | 130.000 | 340.000 | 340.004 | Achieved |
| 2.323.615 | 1.983.609 | 1.983.609 | 96.221 | 130.000 | 340.000 | 340.006 | Achieved |
| 2.303.615 | 1.963.608 | 1.963.608 | 96.340 | 130.000 | 340.000 | 340.007 | Achieved |
| 2.283.615 | 1.943.606 | 1.943.606 | 96.460 | 130.000 | 340.000 | 340.009 | Achieved |
| 2.263.615 | 1.923.605 | 1.923.605 | 96.579 | 130.000 | 340.000 | 340.009 | Achieved |
| 2.253.615 | 1.913.615 | 1.913.615 | 96.639 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.243.615 | 1.903.615 | 1.903.615 | 96.698 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.233.615 | 1.893.615 | 1.893.615 | 96.759 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|--------------|
| 2.223.615 | 1.883.615 | 1.883.615 | 96.818 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.213.615 | 1.873.615 | 1.873.615 | 96.878 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.203.615 | 1.863.615 | 1.863.615 | 96.938 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.183.620 | 1.843.615 | 1.843.615 | 97.071 | 130.000 | 340.000 | 340.005 | Achieved |
| 2.173.617 | 1.833.615 | 1.833.615 | 97.142 | 130.000 | 340.000 | 340.002 | Achieved |
| 2.163.617 | 1.823.615 | 1.823.615 | 97.213 | 130.000 | 340.000 | 340.002 | Achieved |
| 2.153.615 | 1.813.615 | 1.813.615 | 97.283 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.143.615 | 1.803.615 | 1.803.615 | 97.355 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.123.619 | 1.783.615 | 1.783.615 | 97.498 | 130.000 | 340.000 | 340.005 | Achieved |
| 2.103.618 | 1.763.615 | 1.763.615 | 97.640 | 130.000 | 340.000 | 340.003 | Achieved |
| 2.083.616 | 1.743.615 | 1.743.615 | 97.782 | 130.000 | 340.000 | 340.002 | Achieved |
| 2.073.615 | 1.733.615 | 1.733.615 | 97.854 | 130.000 | 340.000 | 340.001 | Achieved |
| 2.063.615 | 1.723.615 | 1.723.615 | 97.963 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.053.615 | 1.713.615 | 1.713.615 | 98.083 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.043.615 | 1.703.615 | 1.703.615 | 98.213 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.033.615 | 1.693.615 | 1.693.615 | 98.329 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.023.615 | 1.683.615 | 1.683.615 | 98.465 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.013.616 | 1.673.615 | 1.673.615 | 98.555 | 130.000 | 340.000 | 340.001 | Achieved |
| 2.003.610 | 1.703.615 | 1.703.615 | 98.648 | 130.000 | 340.000 | 299.996 | Not Achieved |
| 1.993.617 | 1.713.615 | 1.713.615 | 98.727 | 130.000 | 340.000 | 280.002 | Not Achieved |
| 1.983.609 | 1.713.615 | 1.713.615 | 98.820 | 130.000 | 340.000 | 269.994 | Not Achieved |
| 1.973.619 | 1.713.615 | 1.713.615 | 98.898 | 130.000 | 340.000 | 260.004 | Not Achieved |
| 1.963.608 | 1.713.615 | 1.713.615 | 98.991 | 130.000 | 340.000 | 249.993 | Not Achieved |
| 1.953.620 | 1.703.615 | 1.703.615 | 99.071 | 130.000 | 340.000 | 250.005 | Not Achieved |
| 1.943.606 | 1.703.615 | 1.703.615 | 99.164 | 130.000 | 340.000 | 239.991 | Not Achieved |
| 1.933.622 | 1.693.615 | 1.693.615 | 99.244 | 130.000 | 340.000 | 240.008 | Not Achieved |
| 1.923.605 | 1.683.615 | 1.683.615 | 99.337 | 130.000 | 340.000 | 239.991 | Not Achieved |
| 1.913.615 | 1.673.615 | 1.673.615 | 99.418 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 1.903.615 | 1.663.615 | 1.663.615 | 99.477 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 1.893.615 | 1.653.615 | 1.653.615 | 99.537 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 1.883.615 | 1.643.615 | 1.643.615 | 99.597 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 1.873.615 | 1.633.615 | 1.633.615 | 99.657 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 1.863.615 | 1.623.615 | 1.623.615 | 99.717 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 1.853.615 | 1.613.615 | 1.613.615 | 99.777 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 1.843.615 | 1.603.615 | 1.603.615 | 99.836 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 1.833.615 | 1.593.615 | 1.593.615 | 99.895 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 1.823.615 | 1.583.615 | 1.583.615 | 99.956 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 1.813.615 | 1.573.615 | 1.573.615 | 100.016 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 1.803.615 | 1.563.615 | 1.563.615 | 100.075 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 1.793.615 | 1.553.615 | 1.553.615 | 100.135 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 1.783.615 | 1.543.615 | 1.543.615 | 100.194 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 1.773.615 | 1.533.615 | 1.533.615 | 100.254 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 1.763.615 | 1.523.615 | 1.523.615 | 100.314 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 1.753.615 | 1.503.615 | 1.503.615 | 100.374 | 130.000 | 340.000 | 250.000 | Not Achieved |
| 1.743.615 | 1.493.615 | 1.493.615 | 100.434 | 130.000 | 340.000 | 250.000 | Not Achieved |
| 1.733.615 | 1.483.615 | 1.483.615 | 100.494 | 130.000 | 340.000 | 250.000 | Not Achieved |
| 1.723.615 | 1.463.615 | 1.463.615 | 100.553 | 130.000 | 340.000 | 260.000 | Not Achieved |
| 1.713.615 | 1.443.615 | 1.443.615 | 100.612 | 130.000 | 340.000 | 270.000 | Not Achieved |
| 1.703.615 | 1.433.615 | 1.433.615 | 100.672 | 130.000 | 340.000 | 270.000 | Not Achieved |
| 1.693.615 | 1.413.615 | 1.413.615 | 100.732 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 1.683.615 | 1.393.615 | 1.393.615 | 100.792 | 130.000 | 340.000 | 290.000 | Not Achieved |
| 1.673.615 | 1.373.615 | 1.373.615 | 100.852 | 130.000 | 340.000 | 300.000 | Not Achieved |
| 1.663.615 | 1.353.615 | 1.353.615 | 100.911 | 130.000 | 340.000 | 310.000 | Not Achieved |
| 1.653.615 | 1.333.615 | 1.333.615 | 100.971 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 1.643.615 | 1.313.615 | 1.313.615 | 101.031 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 1.633.615 | 1.293.615 | 1.293.615 | 101.091 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.623.615 | 1.283.615 | 1.283.615 | 101.151 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.613.615 | 1.273.615 | 1.273.615 | 101.210 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.603.615 | 1.263.615 | 1.263.615 | 101.265 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.593.615 | 1.253.615 | 1.253.615 | 101.318 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.583.615 | 1.243.615 | 1.243.615 | 101.367 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.573.615 | 1.233.615 | 1.233.615 | 101.414 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.563.615 | 1.223.615 | 1.223.615 | 101.457 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.553.615 | 1.213.615 | 1.213.615 | 101.496 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.543.615 | 1.203.615 | 1.203.615 | 101.532 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.533.615 | 1.193.615 | 1.193.615 | 101.565 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.523.615 | 1.183.615 | 1.183.615 | 101.594 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.513.615 | 1.173.615 | 1.173.615 | 101.620 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.503.615 | 1.163.615 | 1.163.615 | 101.643 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.493.615 | 1.153.615 | 1.153.615 | 101.663 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.483.615 | 1.143.615 | 1.143.615 | 101.678 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.473.615 | 1.133.615 | 1.133.615 | 101.691 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.463.615 | 1.123.615 | 1.123.615 | 101.700 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|--------------|
| 1.453.615 | 1.113.615 | 1.113.615 | 101.706 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.443.615 | 1.103.615 | 1.103.615 | 101.710 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.433.615 | 1.093.615 | 1.093.615 | 101.709 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.423.615 | 1.083.615 | 1.083.615 | 101.705 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.413.615 | 1.073.615 | 1.073.615 | 101.698 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.403.615 | 1.063.615 | 1.063.615 | 101.687 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.393.615 | 1.053.615 | 1.053.615 | 101.673 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.383.615 | 1.043.615 | 1.043.615 | 101.656 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.373.615 | 1.033.615 | 1.033.615 | 101.635 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.363.615 | 1.023.615 | 1.023.615 | 101.611 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.353.615 | 1.013.615 | 1.013.615 | 101.584 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.343.615 | 1.003.615 | 1.003.615 | 101.553 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.333.615 | 993.615 | 993.615 | 101.519 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.323.615 | 983.615 | 983.615 | 101.482 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.313.615 | 973.615 | 973.615 | 101.442 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.303.615 | 963.615 | 963.615 | 101.398 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.293.615 | 953.615 | 953.615 | 101.350 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.283.615 | 943.615 | 943.615 | 101.299 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.273.615 | 933.615 | 933.615 | 101.245 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.263.615 | 923.615 | 923.615 | 101.189 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.253.615 | 913.615 | 913.615 | 101.128 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.243.615 | 903.615 | 903.615 | 101.064 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.233.615 | 893.615 | 893.615 | 100.997 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.223.615 | 883.615 | 883.615 | 100.926 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.213.615 | 873.615 | 873.615 | 100.852 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.203.615 | 863.615 | 863.615 | 100.775 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.193.615 | 853.615 | 853.615 | 100.694 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.183.615 | 843.615 | 843.615 | 100.610 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.173.615 | 833.615 | 833.615 | 100.523 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.163.615 | 823.615 | 823.615 | 100.432 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.153.615 | 813.615 | 813.615 | 100.338 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.143.615 | 803.615 | 803.615 | 100.241 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.133.615 | 793.615 | 793.615 | 100.141 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.123.615 | 783.615 | 783.615 | 100.037 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.113.615 | 773.615 | 773.615 | 99.930 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.103.615 | 763.615 | 763.615 | 99.819 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.093.615 | 753.615 | 753.615 | 99.705 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.083.615 | 743.615 | 743.615 | 99.588 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.073.615 | 733.615 | 733.615 | 99.467 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.063.615 | 723.615 | 723.615 | 99.343 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.053.615 | 713.615 | 713.615 | 99.216 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.043.615 | 703.615 | 703.615 | 99.085 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.033.615 | 693.615 | 693.615 | 98.951 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.023.615 | 683.615 | 683.615 | 98.814 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.013.615 | 673.615 | 673.615 | 98.674 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.003.615 | 663.615 | 663.615 | 98.530 | 130.000 | 340.000 | 340.000 | Achieved |
| 993.615 | 653.615 | 653.615 | 98.382 | 130.000 | 340.000 | 340.000 | Achieved |
| 983.615 | 653.615 | 653.615 | 98.232 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 973.615 | 643.615 | 643.615 | 98.077 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 963.615 | 643.615 | 643.615 | 97.920 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 953.615 | 633.615 | 633.615 | 97.760 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 943.615 | 633.615 | 633.615 | 97.596 | 130.000 | 340.000 | 310.000 | Not Achieved |
| 933.615 | 623.615 | 623.615 | 97.429 | 130.000 | 340.000 | 310.000 | Not Achieved |
| 923.615 | 623.615 | 623.615 | 97.258 | 130.000 | 340.000 | 300.000 | Not Achieved |
| 913.615 | 613.615 | 613.615 | 97.084 | 130.000 | 340.000 | 300.000 | Not Achieved |
| 903.615 | 613.615 | 613.615 | 96.906 | 130.000 | 340.000 | 290.000 | Not Achieved |
| 893.615 | 603.615 | 603.615 | 96.726 | 130.000 | 340.000 | 290.000 | Not Achieved |
| 883.615 | 603.615 | 603.615 | 96.543 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 873.615 | 603.615 | 603.615 | 96.355 | 130.000 | 340.000 | 270.000 | Not Achieved |
| 863.615 | 593.615 | 593.615 | 96.164 | 130.000 | 340.000 | 270.000 | Not Achieved |
| 853.615 | 593.615 | 593.615 | 95.970 | 130.000 | 340.000 | 260.000 | Not Achieved |
| 843.615 | 583.615 | 583.615 | 95.772 | 130.000 | 340.000 | 260.000 | Not Achieved |
| 833.615 | 583.615 | 583.615 | 95.572 | 130.000 | 340.000 | 250.000 | Not Achieved |
| 823.615 | 573.615 | 573.615 | 95.369 | 130.000 | 340.000 | 250.000 | Not Achieved |
| 813.615 | 573.615 | 573.615 | 95.161 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 803.615 | 563.615 | 563.615 | 94.950 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 793.615 | 553.615 | 553.615 | 94.736 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 783.615 | 543.615 | 543.615 | 94.519 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 773.615 | 533.615 | 533.615 | 94.298 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 763.615 | 523.615 | 523.615 | 94.074 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 753.615 | 513.615 | 513.615 | 93.848 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 743.615 | 503.615 | 503.615 | 93.616 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 733.615 | 493.615 | 493.615 | 93.385 | 130.000 | 340.000 | 240.000 | Not Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|--------------|
| 723.615 | 483.615 | 483.615 | 93.153 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 713.615 | 473.615 | 473.615 | 92.921 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 703.615 | 463.615 | 463.615 | 92.690 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 693.615 | 453.615 | 453.615 | 92.458 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 683.615 | 443.615 | 443.615 | 92.226 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 673.615 | 433.615 | 433.615 | 91.994 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 663.615 | 423.615 | 423.615 | 91.762 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 653.615 | 413.615 | 413.615 | 91.530 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 643.615 | 403.615 | 403.615 | 91.299 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 633.615 | 393.615 | 393.615 | 91.067 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 623.615 | 383.615 | 383.615 | 90.835 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 613.615 | 373.615 | 373.615 | 90.603 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 603.615 | 363.615 | 363.615 | 90.371 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 593.615 | 353.615 | 353.615 | 90.139 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 583.615 | 343.615 | 343.615 | 89.908 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 573.615 | 333.615 | 333.615 | 89.677 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 563.615 | 323.615 | 323.615 | 89.444 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 553.615 | 313.615 | 313.615 | 89.213 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 543.615 | 303.615 | 303.615 | 88.980 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 533.615 | 293.615 | 293.615 | 88.748 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 523.615 | 283.615 | 283.615 | 88.517 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 513.615 | 273.615 | 273.615 | 88.285 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 503.615 | 263.615 | 263.615 | 88.054 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 493.615 | 253.621 | 253.621 | 87.823 | 130.000 | 340.000 | 239.994 | Not Achieved |
| 483.615 | 243.604 | 243.604 | 87.590 | 130.000 | 340.000 | 240.011 | Not Achieved |
| 473.615 | 233.621 | 233.621 | 87.358 | 130.000 | 340.000 | 239.994 | Not Achieved |
| 463.615 | 223.607 | 223.607 | 87.126 | 130.000 | 340.000 | 240.008 | Not Achieved |
| 453.615 | 203.609 | 203.609 | 86.895 | 130.000 | 340.000 | 250.005 | Not Achieved |
| 443.615 | 193.620 | 193.620 | 86.663 | 130.000 | 340.000 | 249.995 | Not Achieved |
| 433.615 | 183.611 | 183.611 | 86.432 | 130.000 | 340.000 | 250.003 | Not Achieved |
| 423.615 | 163.613 | 163.613 | 86.199 | 130.000 | 340.000 | 260.002 | Not Achieved |
| 413.615 | 123.615 | 123.615 | 85.967 | 130.000 | 340.000 | 290.000 | Not Achieved |
| 403.615 | 103.615 | 103.615 | 85.735 | 130.000 | 340.000 | 300.000 | Not Achieved |
| 393.615 | 83.615 | 83.615 | 85.504 | 130.000 | 340.000 | 310.000 | Not Achieved |
| 383.615 | 63.615 | 63.615 | 85.273 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 373.615 | 43.615 | 43.615 | 85.041 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 363.615 | 23.615 | 23.615 | 84.808 | 130.000 | 340.000 | 340.000 | Achieved |
| 353.615 | 13.615 | 13.615 | 84.577 | 130.000 | 340.000 | 340.000 | Achieved |
| 343.615 | 3.615 | 3.615 | 84.344 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 10.000 | 350.000 | 350.000 | 76.591 | 130.000 | 340.000 | 340.000 | Achieved |
| 20.000 | 360.000 | 360.000 | 76.654 | 130.000 | 340.000 | 340.000 | Achieved |
| 30.000 | 370.000 | 370.000 | 76.718 | 130.000 | 340.000 | 340.000 | Achieved |
| 40.000 | 380.000 | 380.000 | 76.781 | 130.000 | 340.000 | 340.000 | Achieved |
| 50.000 | 390.000 | 390.000 | 76.845 | 130.000 | 340.000 | 340.000 | Achieved |
| 60.000 | 400.000 | 400.000 | 76.908 | 130.000 | 340.000 | 340.000 | Achieved |
| 70.000 | 410.000 | 410.000 | 76.972 | 130.000 | 340.000 | 340.000 | Achieved |
| 80.000 | 420.000 | 420.000 | 77.035 | 130.000 | 340.000 | 340.000 | Achieved |
| 90.000 | 430.000 | 430.000 | 77.099 | 130.000 | 340.000 | 340.000 | Achieved |
| 100.000 | 440.000 | 440.000 | 77.162 | 130.000 | 340.000 | 340.000 | Achieved |
| 110.000 | 450.000 | 450.000 | 77.226 | 130.000 | 340.000 | 340.000 | Achieved |
| 120.000 | 460.000 | 460.000 | 77.289 | 130.000 | 340.000 | 340.000 | Achieved |
| 130.000 | 470.000 | 470.000 | 77.353 | 130.000 | 340.000 | 340.000 | Achieved |
| 140.000 | 480.000 | 480.000 | 77.416 | 130.000 | 340.000 | 340.000 | Achieved |
| 150.000 | 490.000 | 490.000 | 77.480 | 130.000 | 340.000 | 340.000 | Achieved |
| 160.000 | 500.000 | 500.000 | 77.543 | 130.000 | 340.000 | 340.000 | Achieved |
| 170.000 | 510.000 | 510.000 | 77.607 | 130.000 | 340.000 | 340.000 | Achieved |
| 180.000 | 520.000 | 520.000 | 77.670 | 130.000 | 340.000 | 340.000 | Achieved |
| 190.000 | 530.000 | 530.000 | 77.734 | 130.000 | 340.000 | 340.000 | Achieved |
| 200.000 | 540.000 | 540.000 | 77.797 | 130.000 | 340.000 | 340.000 | Achieved |
| 210.000 | 550.000 | 550.000 | 77.861 | 130.000 | 340.000 | 340.000 | Achieved |
| 220.000 | 560.000 | 560.000 | 77.924 | 130.000 | 340.000 | 340.000 | Achieved |
| 230.000 | 570.000 | 570.000 | 77.988 | 130.000 | 340.000 | 340.000 | Achieved |
| 240.000 | 580.000 | 580.000 | 78.051 | 130.000 | 340.000 | 340.000 | Achieved |
| 250.000 | 590.000 | 590.000 | 78.115 | 130.000 | 340.000 | 340.000 | Achieved |
| 260.000 | 600.000 | 600.000 | 78.178 | 130.000 | 340.000 | 340.000 | Achieved |
| 270.000 | 610.000 | 610.000 | 78.242 | 130.000 | 340.000 | 340.000 | Achieved |
| 280.000 | 620.000 | 620.000 | 78.305 | 130.000 | 340.000 | 340.000 | Achieved |
| 290.000 | 630.000 | 630.000 | 78.369 | 130.000 | 340.000 | 340.000 | Achieved |
| 300.000 | 640.000 | 640.000 | 78.433 | 130.000 | 340.000 | 340.000 | Achieved |
| 310.000 | 650.000 | 650.000 | 78.496 | 130.000 | 340.000 | 340.000 | Achieved |
| 320.000 | 660.000 | 660.000 | 78.560 | 130.000 | 340.000 | 340.000 | Achieved |
| 330.000 | 670.000 | 670.000 | 78.623 | 130.000 | 340.000 | 340.000 | Achieved |
| 340.000 | 680.000 | 680.000 | 78.687 | 130.000 | 340.000 | 340.000 | Achieved |
| 350.000 | 690.000 | 690.000 | 78.750 | 130.000 | 340.000 | 340.000 | Achieved |
| 360.000 | 700.000 | 700.000 | 78.814 | 130.000 | 340.000 | 340.000 | Achieved |
| 370.000 | 710.000 | 710.000 | 78.877 | 130.000 | 340.000 | 340.000 | Achieved |
| 380.000 | 720.000 | 720.000 | 78.941 | 130.000 | 340.000 | 340.000 | Achieved |
| 390.000 | 730.000 | 730.000 | 79.004 | 130.000 | 340.000 | 340.000 | Achieved |
| 400.000 | 740.000 | 740.000 | 79.068 | 130.000 | 340.000 | 340.000 | Achieved |
| 410.000 | 750.000 | 750.000 | 79.131 | 130.000 | 340.000 | 340.000 | Achieved |
| 430.000 | 770.000 | 770.000 | 79.258 | 130.000 | 340.000 | 340.000 | Achieved |
| 440.000 | 780.000 | 780.000 | 79.322 | 130.000 | 340.000 | 340.000 | Achieved |
| 450.000 | 790.000 | 790.000 | 79.385 | 130.000 | 340.000 | 340.000 | Achieved |
| 460.000 | 800.005 | 800.005 | 79.449 | 130.000 | 340.000 | 340.005 | Achieved |
| 480.000 | 820.005 | 820.005 | 79.576 | 130.000 | 340.000 | 340.005 | Achieved |
| 500.000 | 840.004 | 840.004 | 79.703 | 130.000 | 340.000 | 340.004 | Achieved |
| 510.000 | 850.002 | 850.002 | 79.766 | 130.000 | 340.000 | 340.002 | Achieved |
| 530.000 | 870.000 | 870.000 | 79.893 | 130.000 | 340.000 | 340.000 | Achieved |
| 540.000 | 880.000 | 880.000 | 79.957 | 130.000 | 340.000 | 340.000 | Achieved |
| 550.000 | 890.000 | 890.000 | 80.020 | 130.000 | 340.000 | 340.000 | Achieved |
| 560.000 | 900.000 | 900.000 | 80.084 | 130.000 | 340.000 | 340.000 | Achieved |
| 570.000 | 910.000 | 910.000 | 80.147 | 130.000 | 340.000 | 340.000 | Achieved |
| 580.000 | 920.000 | 920.000 | 80.211 | 130.000 | 340.000 | 340.000 | Achieved |
| 590.000 | 930.000 | 930.000 | 80.274 | 130.000 | 340.000 | 340.000 | Achieved |
| 600.000 | 940.000 | 940.000 | 80.338 | 130.000 | 340.000 | 340.000 | Achieved |
| 610.000 | 950.000 | 950.000 | 80.402 | 130.000 | 340.000 | 340.000 | Achieved |
| 620.000 | 960.000 | 960.000 | 80.465 | 130.000 | 340.000 | 340.000 | Achieved |
| 630.000 | 970.000 | 970.000 | 80.529 | 130.000 | 340.000 | 340.000 | Achieved |
| 640.000 | 980.000 | 980.000 | 80.592 | 130.000 | 340.000 | 340.000 | Achieved |
| 650.000 | 990.000 | 990.000 | 80.656 | 130.000 | 340.000 | 340.000 | Achieved |
| 660.000 | 1.000.000 | 1.000.000 | 80.719 | 130.000 | 340.000 | 340.000 | Achieved |
| 670.000 | 1.010.000 | 1.010.000 | 80.783 | 130.000 | 340.000 | 340.000 | Achieved |
| 680.000 | 1.020.000 | 1.020.000 | 80.846 | 130.000 | 340.000 | 340.000 | Achieved |
| 690.000 | 1.030.000 | 1.030.000 | 80.910 | 130.000 | 340.000 | 340.000 | Achieved |
| 700.000 | 1.040.000 | 1.040.000 | 80.973 | 130.000 | 340.000 | 340.000 | Achieved |
| 710.000 | 1.050.000 | 1.050.000 | 81.037 | 130.000 | 340.000 | 340.000 | Achieved |
| 720.000 | 1.060.000 | 1.060.000 | 81.100 | 130.000 | 340.000 | 340.000 | Achieved |
| 730.000 | 1.070.000 | 1.070.000 | 81.164 | 130.000 | 340.000 | 340.000 | Achieved |
| 740.000 | 1.080.000 | 1.080.000 | 81.364 | 130.000 | 340.000 | 340.000 | Achieved |
| 750.000 | 1.090.000 | 1.090.000 | 81.542 | 130.000 | 340.000 | 340.000 | Achieved |
| 759.997 | 1.100.000 | 1.100.000 | 81.686 | 130.000 | 340.000 | 340.003 | Achieved |
| 770.000 | 1.110.000 | 1.110.000 | 81.758 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 780.000 | 1.120.000 | 1.120.000 | 81.835 | 130.000 | 340.000 | 340.000 | Achieved |
| 790.000 | 1.130.000 | 1.130.000 | 81.907 | 130.000 | 340.000 | 340.000 | Achieved |
| 809.999 | 1.150.000 | 1.150.000 | 82.057 | 130.000 | 340.000 | 340.001 | Achieved |
| 829.996 | 1.170.000 | 1.170.000 | 82.210 | 130.000 | 340.000 | 340.004 | Achieved |
| 859.990 | 1.200.000 | 1.200.000 | 82.435 | 130.000 | 340.000 | 340.010 | Achieved |
| 870.000 | 1.210.000 | 1.210.000 | 82.507 | 130.000 | 340.000 | 340.000 | Achieved |
| 880.000 | 1.220.000 | 1.220.000 | 82.584 | 130.000 | 340.000 | 340.000 | Achieved |
| 890.000 | 1.230.000 | 1.230.000 | 82.649 | 130.000 | 340.000 | 340.000 | Achieved |
| 900.000 | 1.240.000 | 1.240.000 | 82.711 | 130.000 | 340.000 | 340.000 | Achieved |
| 910.000 | 1.250.000 | 1.250.000 | 82.775 | 130.000 | 340.000 | 340.000 | Achieved |
| 920.000 | 1.260.000 | 1.260.000 | 82.839 | 130.000 | 340.000 | 340.000 | Achieved |
| 930.000 | 1.270.000 | 1.270.000 | 82.903 | 130.000 | 340.000 | 340.000 | Achieved |
| 940.000 | 1.280.000 | 1.280.000 | 82.966 | 130.000 | 340.000 | 340.000 | Achieved |
| 950.000 | 1.290.000 | 1.290.000 | 83.030 | 130.000 | 340.000 | 340.000 | Achieved |
| 960.000 | 1.300.000 | 1.300.000 | 83.093 | 130.000 | 340.000 | 340.000 | Achieved |
| 970.000 | 1.310.000 | 1.310.000 | 83.156 | 130.000 | 340.000 | 340.000 | Achieved |
| 980.000 | 1.320.000 | 1.320.000 | 83.220 | 130.000 | 340.000 | 340.000 | Achieved |
| 990.000 | 1.330.000 | 1.330.000 | 83.284 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.000.000 | 1.340.000 | 1.340.000 | 83.347 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.010.000 | 1.350.000 | 1.350.000 | 83.411 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.020.000 | 1.360.000 | 1.360.000 | 83.474 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.030.000 | 1.370.000 | 1.370.000 | 83.538 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.040.000 | 1.380.000 | 1.380.000 | 83.601 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.050.000 | 1.390.000 | 1.390.000 | 83.664 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.060.000 | 1.400.000 | 1.400.000 | 83.728 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.070.000 | 1.410.000 | 1.410.000 | 83.792 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.080.000 | 1.420.000 | 1.420.000 | 83.855 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.090.000 | 1.430.000 | 1.430.000 | 83.919 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.100.000 | 1.440.000 | 1.440.000 | 83.982 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.110.000 | 1.450.000 | 1.450.000 | 84.046 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.120.000 | 1.460.000 | 1.460.000 | 84.109 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.130.000 | 1.470.000 | 1.470.000 | 84.173 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.140.000 | 1.480.000 | 1.480.000 | 84.236 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.150.000 | 1.490.000 | 1.490.000 | 84.300 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.160.000 | 1.500.000 | 1.500.000 | 84.363 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.170.000 | 1.510.000 | 1.510.000 | 84.427 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.180.000 | 1.520.000 | 1.520.000 | 84.490 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.190.000 | 1.530.000 | 1.530.000 | 84.554 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.200.000 | 1.540.000 | 1.540.000 | 84.617 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.210.000 | 1.550.000 | 1.550.000 | 84.681 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.220.000 | 1.560.000 | 1.560.000 | 84.744 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.230.000 | 1.570.000 | 1.570.000 | 84.808 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.240.000 | 1.580.000 | 1.580.000 | 84.871 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.250.000 | 1.590.000 | 1.590.000 | 84.935 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.260.000 | 1.600.000 | 1.600.000 | 84.998 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.270.000 | 1.610.000 | 1.610.000 | 85.062 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.280.000 | 1.620.000 | 1.620.000 | 85.125 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.290.000 | 1.630.000 | 1.630.000 | 85.189 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.300.000 | 1.640.000 | 1.640.000 | 85.252 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.310.000 | 1.650.000 | 1.650.000 | 85.316 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.320.000 | 1.660.000 | 1.660.000 | 85.379 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.330.000 | 1.670.000 | 1.670.000 | 85.443 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.340.000 | 1.680.000 | 1.680.000 | 85.506 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.350.000 | 1.690.000 | 1.690.000 | 85.571 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.360.000 | 1.700.000 | 1.700.000 | 85.633 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.370.000 | 1.710.000 | 1.710.000 | 85.697 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.380.000 | 1.720.000 | 1.720.000 | 85.760 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.390.000 | 1.730.000 | 1.730.000 | 85.824 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.400.000 | 1.740.000 | 1.740.000 | 85.887 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.410.000 | 1.750.000 | 1.750.000 | 85.952 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.420.000 | 1.760.000 | 1.760.000 | 86.014 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.430.000 | 1.770.000 | 1.770.000 | 86.079 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.440.000 | 1.780.000 | 1.780.000 | 86.141 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.450.000 | 1.790.000 | 1.790.000 | 86.205 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.460.000 | 1.800.000 | 1.800.000 | 86.268 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.470.000 | 1.810.000 | 1.810.000 | 86.332 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.480.000 | 1.820.000 | 1.820.000 | 86.395 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.490.000 | 1.830.000 | 1.830.000 | 86.460 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.510.000 | 1.850.000 | 1.850.000 | 86.587 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.570.000 | 1.910.002 | 1.910.002 | 86.968 | 130.000 | 340.000 | 340.002 | Achieved |
| 1.580.000 | 1.920.002 | 1.920.002 | 87.031 | 130.000 | 340.000 | 340.002 | Achieved |
| 1.590.000 | 1.930.000 | 1.930.000 | 87.094 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.610.000 | 1.950.000 | 1.950.000 | 87.222 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|--------------|
| 1.620.000 | 1.960.003 | 1.960.003 | 87.285 | 130.000 | 340.000 | 340.003 | Achieved |
| 1.630.000 | 1.970.000 | 1.970.000 | 87.349 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.640.000 | 1.980.000 | 1.980.000 | 87.412 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.650.000 | 1.990.000 | 1.990.000 | 87.476 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.660.000 | 2.000.000 | 2.000.000 | 87.539 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.670.000 | 2.010.000 | 2.010.000 | 87.602 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.680.000 | 2.020.000 | 2.020.000 | 87.666 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.690.000 | 2.030.000 | 2.030.000 | 87.730 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.700.000 | 2.040.002 | 2.040.002 | 87.793 | 130.000 | 340.000 | 340.002 | Achieved |
| 1.710.000 | 2.050.000 | 2.050.000 | 87.857 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.720.000 | 2.060.003 | 2.060.003 | 87.920 | 130.000 | 340.000 | 340.003 | Achieved |
| 1.730.000 | 2.070.000 | 2.070.000 | 87.983 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.740.000 | 2.080.002 | 2.080.002 | 88.047 | 130.000 | 340.000 | 340.002 | Achieved |
| 1.750.000 | 2.090.002 | 2.090.002 | 88.111 | 130.000 | 340.000 | 340.002 | Achieved |
| 1.770.000 | 2.110.000 | 2.110.000 | 88.238 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.780.000 | 2.120.001 | 2.120.001 | 88.301 | 130.000 | 340.000 | 340.001 | Achieved |
| 1.790.000 | 2.130.001 | 2.130.001 | 88.365 | 130.000 | 340.000 | 340.001 | Achieved |
| 1.830.000 | 2.170.000 | 2.170.000 | 88.619 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.839.989 | 2.180.004 | 2.180.004 | 88.681 | 130.000 | 340.000 | 340.014 | Achieved |
| 1.850.000 | 2.190.000 | 2.190.000 | 88.730 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.859.998 | 2.200.000 | 2.200.000 | 88.785 | 130.000 | 340.000 | 340.002 | Achieved |
| 1.869.998 | 2.210.000 | 2.210.000 | 88.835 | 130.000 | 340.000 | 340.002 | Achieved |
| 1.879.996 | 2.220.000 | 2.220.000 | 88.889 | 130.000 | 340.000 | 340.004 | Achieved |
| 1.889.997 | 2.230.000 | 2.230.000 | 88.941 | 130.000 | 340.000 | 340.003 | Achieved |
| 1.899.995 | 2.240.000 | 2.240.000 | 88.993 | 130.000 | 340.000 | 340.005 | Achieved |
| 1.930.000 | 2.270.000 | 2.270.000 | 89.147 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.939.997 | 2.280.000 | 2.280.000 | 89.202 | 130.000 | 340.000 | 340.003 | Achieved |
| 1.950.000 | 2.290.000 | 2.290.000 | 89.251 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.970.000 | 2.310.000 | 2.310.000 | 89.317 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.980.000 | 2.320.000 | 2.320.000 | 89.325 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.990.000 | 2.330.000 | 2.330.000 | 89.322 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.000.000 | 2.340.000 | 2.340.000 | 89.322 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.010.000 | 2.350.000 | 2.350.000 | 89.304 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.020.000 | 2.360.000 | 2.360.000 | 89.354 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.030.000 | 2.370.000 | 2.370.000 | 89.412 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.050.000 | 2.390.000 | 2.390.000 | 89.529 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.070.000 | 2.400.000 | 2.400.000 | 89.647 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 2.080.002 | 2.410.000 | 2.410.000 | 89.707 | 130.000 | 340.000 | 329.998 | Not Achieved |
| 2.090.002 | 2.420.000 | 2.420.000 | 89.765 | 130.000 | 340.000 | 329.998 | Not Achieved |
| 2.099.998 | 2.430.000 | 2.430.000 | 89.824 | 130.000 | 340.000 | 330.002 | Not Achieved |
| 2.110.000 | 2.440.000 | 2.440.000 | 89.881 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 2.120.001 | 2.450.000 | 2.450.000 | 89.941 | 130.000 | 340.000 | 329.999 | Not Achieved |
| 2.130.001 | 2.460.000 | 2.460.000 | 89.999 | 130.000 | 340.000 | 329.999 | Not Achieved |
| 2.139.995 | 2.470.000 | 2.470.000 | 90.059 | 130.000 | 340.000 | 330.005 | Not Achieved |
| 2.149.999 | 2.470.000 | 2.470.000 | 90.116 | 130.000 | 340.000 | 320.001 | Not Achieved |
| 2.159.998 | 2.480.000 | 2.480.000 | 90.176 | 130.000 | 340.000 | 320.002 | Not Achieved |
| 2.170.000 | 2.490.000 | 2.490.000 | 90.234 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.180.004 | 2.500.000 | 2.500.000 | 90.293 | 130.000 | 340.000 | 319.996 | Not Achieved |
| 2.190.000 | 2.510.000 | 2.510.000 | 90.353 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.200.000 | 2.520.000 | 2.520.000 | 90.416 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.210.000 | 2.530.000 | 2.530.000 | 90.480 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.220.000 | 2.540.000 | 2.540.000 | 90.543 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.230.000 | 2.550.000 | 2.550.000 | 90.607 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.240.000 | 2.560.000 | 2.560.000 | 90.670 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.250.000 | 2.570.000 | 2.570.000 | 90.734 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.260.000 | 2.580.000 | 2.580.000 | 90.797 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.270.000 | 2.590.000 | 2.590.000 | 90.861 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.280.000 | 2.600.000 | 2.600.000 | 90.924 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.290.000 | 2.610.000 | 2.610.000 | 90.988 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.300.000 | 2.620.000 | 2.620.000 | 91.051 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.310.000 | 2.630.000 | 2.630.000 | 91.115 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.320.000 | 2.640.000 | 2.640.000 | 91.178 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.330.000 | 2.650.000 | 2.650.000 | 91.242 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.340.000 | 2.660.000 | 2.660.000 | 91.305 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.350.000 | 2.670.000 | 2.670.000 | 91.369 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.360.000 | 2.680.000 | 2.680.000 | 91.432 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.370.000 | 2.690.000 | 2.690.000 | 91.496 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.380.000 | 2.700.000 | 2.700.000 | 91.559 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.390.000 | 2.710.000 | 2.710.000 | 91.623 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.400.000 | 2.720.000 | 2.720.000 | 91.686 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.410.000 | 2.730.000 | 2.730.000 | 91.751 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.420.000 | 2.740.000 | 2.740.000 | 91.813 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.430.000 | 2.750.000 | 2.750.000 | 91.878 | 130.000 | 340.000 | 320.000 | Not Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|--------------|
| 2.440.000 | 2.760.000 | 2.760.000 | 91.940 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.450.000 | 2.770.000 | 2.770.000 | 92.004 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.460.000 | 2.780.000 | 2.780.000 | 92.067 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.470.000 | 2.790.000 | 2.790.000 | 92.131 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.480.000 | 2.800.000 | 2.800.000 | 92.195 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.490.000 | 2.810.000 | 2.810.000 | 92.258 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.500.000 | 2.820.000 | 2.820.000 | 92.322 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.510.000 | 2.830.000 | 2.830.000 | 92.385 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.520.000 | 2.840.000 | 2.840.000 | 92.449 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.530.000 | 2.850.000 | 2.850.000 | 92.512 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.540.000 | 2.860.000 | 2.860.000 | 92.576 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.550.000 | 2.870.000 | 2.870.000 | 92.640 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.560.000 | 2.880.000 | 2.880.000 | 92.703 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.570.000 | 2.890.000 | 2.890.000 | 92.767 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.580.000 | 2.900.000 | 2.900.000 | 92.830 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.590.000 | 2.910.000 | 2.910.000 | 92.894 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.600.000 | 2.920.000 | 2.920.000 | 92.957 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.610.000 | 2.930.000 | 2.930.000 | 93.021 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.620.000 | 2.940.000 | 2.940.000 | 93.084 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.630.000 | 2.950.000 | 2.950.000 | 93.148 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.640.000 | 2.960.000 | 2.960.000 | 93.211 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.650.000 | 2.970.000 | 2.970.000 | 93.274 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.660.000 | 2.980.000 | 2.980.000 | 93.338 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.670.000 | 2.990.000 | 2.990.000 | 93.402 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.680.000 | 3.000.000 | 3.000.000 | 93.465 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 2.690.000 | 3.020.000 | 3.020.000 | 93.529 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 2.700.000 | 3.030.000 | 3.030.000 | 93.592 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 2.710.000 | 3.050.000 | 3.050.000 | 93.656 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.720.000 | 3.060.000 | 3.060.000 | 93.719 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.730.000 | 3.070.000 | 3.070.000 | 93.783 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.740.000 | 3.080.000 | 3.080.000 | 93.846 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.750.000 | 3.090.000 | 3.090.000 | 93.910 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.760.000 | 3.100.000 | 3.100.000 | 93.973 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.770.000 | 3.110.000 | 3.110.000 | 94.037 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.780.000 | 3.120.000 | 3.120.000 | 94.100 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.790.000 | 3.130.000 | 3.130.000 | 94.164 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.800.000 | 3.140.000 | 3.140.000 | 94.227 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.810.000 | 3.150.000 | 3.150.000 | 94.291 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.820.000 | 3.160.000 | 3.160.000 | 94.354 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.830.000 | 3.170.000 | 3.170.000 | 94.418 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.840.000 | 3.180.000 | 3.180.000 | 94.481 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.850.000 | 3.190.000 | 3.190.000 | 94.545 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.860.000 | 3.200.000 | 3.200.000 | 94.608 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.870.000 | 3.210.000 | 3.210.000 | 94.672 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.880.000 | 3.220.000 | 3.220.000 | 94.735 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.890.000 | 3.230.000 | 3.230.000 | 94.797 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.900.000 | 3.240.000 | 3.240.000 | 94.857 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.910.000 | 3.250.000 | 3.250.000 | 94.912 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.920.000 | 3.260.000 | 3.260.000 | 94.965 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.930.000 | 3.270.000 | 3.270.000 | 95.014 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.940.000 | 3.280.000 | 3.280.000 | 95.061 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.950.000 | 3.290.000 | 3.290.000 | 95.103 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.960.000 | 3.300.000 | 3.300.000 | 95.142 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.970.000 | 3.310.000 | 3.310.000 | 95.178 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.980.000 | 3.320.000 | 3.320.000 | 95.211 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.990.000 | 3.330.000 | 3.330.000 | 95.240 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.000.000 | 3.340.000 | 3.340.000 | 95.266 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.010.000 | 3.350.000 | 3.350.000 | 95.288 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.020.000 | 3.360.000 | 3.360.000 | 95.308 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.030.000 | 3.370.000 | 3.370.000 | 95.323 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.040.000 | 3.380.000 | 3.380.000 | 95.337 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.050.000 | 3.390.000 | 3.390.000 | 95.345 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.060.000 | 3.400.000 | 3.400.000 | 95.352 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.070.000 | 3.410.000 | 3.410.000 | 95.354 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.080.000 | 3.420.000 | 3.420.000 | 95.354 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.090.000 | 3.430.000 | 3.430.000 | 95.349 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.100.000 | 3.440.000 | 3.440.000 | 95.342 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.110.000 | 3.450.000 | 3.450.000 | 95.331 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.120.000 | 3.460.000 | 3.460.000 | 95.317 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.130.000 | 3.470.000 | 3.470.000 | 95.300 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.140.000 | 3.480.000 | 3.480.000 | 95.279 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.150.000 | 3.490.000 | 3.490.000 | 95.255 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.160.000 | 3.500.000 | 3.500.000 | 95.228 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|--------------|
| 3.170.000 | 3.510.000 | 3.510.000 | 95.197 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.180.000 | 3.520.000 | 3.520.000 | 95.163 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.190.000 | 3.530.000 | 3.530.000 | 95.125 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.200.000 | 3.540.000 | 3.540.000 | 95.085 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.210.000 | 3.550.000 | 3.550.000 | 95.040 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.220.000 | 3.560.000 | 3.560.000 | 94.993 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.230.000 | 3.570.000 | 3.570.000 | 94.942 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.240.000 | 3.580.000 | 3.580.000 | 94.888 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.250.000 | 3.590.000 | 3.590.000 | 94.831 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.260.000 | 3.600.000 | 3.600.000 | 94.770 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.270.000 | 3.600.000 | 3.600.000 | 94.706 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 3.280.000 | 3.610.000 | 3.610.000 | 94.639 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 3.290.000 | 3.610.000 | 3.610.000 | 94.568 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.300.000 | 3.620.000 | 3.620.000 | 94.494 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.310.000 | 3.620.000 | 3.620.000 | 94.417 | 130.000 | 340.000 | 310.000 | Not Achieved |
| 3.320.000 | 3.620.000 | 3.620.000 | 94.338 | 130.000 | 340.000 | 300.000 | Not Achieved |
| 3.330.000 | 3.630.000 | 3.630.000 | 94.261 | 130.000 | 340.000 | 300.000 | Not Achieved |
| 3.340.000 | 3.630.000 | 3.630.000 | 94.182 | 130.000 | 340.000 | 290.000 | Not Achieved |
| 3.350.000 | 3.640.000 | 3.640.000 | 94.104 | 130.000 | 340.000 | 290.000 | Not Achieved |
| 3.360.000 | 3.650.000 | 3.650.000 | 94.026 | 130.000 | 340.000 | 290.000 | Not Achieved |
| 3.370.000 | 3.650.000 | 3.650.000 | 93.948 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.380.000 | 3.660.000 | 3.660.000 | 93.869 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.390.000 | 3.670.000 | 3.670.000 | 93.791 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 3.400.000 | 3.720.000 | 3.720.000 | 93.713 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.410.000 | 3.730.000 | 3.730.000 | 93.635 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.420.000 | 3.740.000 | 3.740.000 | 93.556 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.430.000 | 3.750.000 | 3.750.000 | 93.478 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.440.000 | 3.760.000 | 3.760.000 | 93.400 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.450.000 | 3.770.000 | 3.770.000 | 93.322 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.460.000 | 3.780.000 | 3.780.000 | 93.244 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.470.000 | 3.790.000 | 3.790.000 | 93.166 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.480.000 | 3.800.000 | 3.800.000 | 93.087 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.490.000 | 3.810.000 | 3.810.000 | 93.009 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.500.000 | 3.820.000 | 3.820.000 | 92.931 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.510.000 | 3.830.000 | 3.830.000 | 92.853 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.520.000 | 3.840.000 | 3.840.000 | 92.774 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.530.000 | 3.850.000 | 3.850.000 | 92.697 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.540.000 | 3.860.000 | 3.860.000 | 92.618 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.550.000 | 3.870.000 | 3.870.000 | 92.540 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.560.000 | 3.880.000 | 3.880.000 | 92.462 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.570.000 | 3.890.000 | 3.890.000 | 92.384 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.580.000 | 3.900.000 | 3.900.000 | 92.305 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.590.000 | 3.910.000 | 3.910.000 | 92.227 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.600.000 | 3.920.000 | 3.920.000 | 92.149 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.610.000 | 3.930.003 | 3.930.003 | 92.071 | 130.000 | 340.000 | 320.003 | Not Achieved |
| 3.620.000 | 3.939.995 | 3.939.995 | 91.992 | 130.000 | 340.000 | 319.995 | Not Achieved |
| 3.630.000 | 3.950.000 | 3.950.000 | 91.915 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 3.640.000 | 3.970.000 | 3.970.000 | 91.836 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 3.650.000 | 3.979.994 | 3.979.994 | 91.758 | 130.000 | 340.000 | 329.994 | Not Achieved |
| 3.660.000 | 3.989.998 | 3.989.998 | 91.680 | 130.000 | 340.000 | 329.998 | Not Achieved |
| 3.670.000 | 4.000.005 | 4.000.005 | 91.602 | 130.000 | 340.000 | 330.005 | Not Achieved |
| 3.680.000 | 4.010.000 | 4.010.000 | 91.523 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 3.690.000 | 4.020.002 | 4.020.002 | 91.446 | 130.000 | 340.000 | 330.002 | Not Achieved |
| 3.700.000 | 4.030.002 | 4.030.002 | 91.367 | 130.000 | 340.000 | 330.002 | Not Achieved |
| 3.710.000 | 4.039.998 | 4.039.998 | 91.289 | 130.000 | 340.000 | 329.998 | Not Achieved |
| 3.720.000 | 4.060.000 | 4.060.000 | 91.210 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.730.000 | 4.070.000 | 4.070.000 | 91.132 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.740.000 | 4.080.001 | 4.080.001 | 91.054 | 130.000 | 340.000 | 340.001 | Achieved |
| 3.750.000 | 4.090.000 | 4.090.000 | 90.976 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.760.000 | 4.100.000 | 4.100.000 | 90.898 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.770.000 | 4.110.000 | 4.110.000 | 90.820 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.780.000 | 4.120.000 | 4.120.000 | 90.741 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.790.000 | 4.130.000 | 4.130.000 | 90.663 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.800.000 | 4.140.000 | 4.140.000 | 90.585 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.810.000 | 4.150.000 | 4.150.000 | 90.507 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.820.000 | 4.160.000 | 4.160.000 | 90.428 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.830.000 | 4.170.000 | 4.170.000 | 90.351 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.850.000 | 4.190.001 | 4.190.001 | 90.194 | 130.000 | 340.000 | 340.001 | Achieved |
| 3.870.000 | 4.210.000 | 4.210.000 | 90.038 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.880.000 | 4.220.004 | 4.220.004 | 89.959 | 130.000 | 340.000 | 340.004 | Achieved |
| 3.910.000 | 4.250.000 | 4.250.000 | 89.725 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.920.000 | 4.260.000 | 4.260.000 | 89.646 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.939.995 | 4.279.995 | 4.279.995 | 89.496 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 3.950.000 | 4.290.002 | 4.290.002 | 89.421 | 130.000 | 340.000 | 340.002 | Achieved |
| 3.959.993 | 4.299.992 | 4.299.992 | 89.349 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.970.000 | 4.310.000 | 4.310.000 | 89.274 | 130.000 | 340.000 | 339.999 | Achieved |
| 3.979.994 | 4.319.997 | 4.319.997 | 89.202 | 130.000 | 340.000 | 340.003 | Achieved |
| 3.989.998 | 4.330.000 | 4.330.000 | 89.128 | 130.000 | 340.000 | 340.002 | Achieved |
| 4.010.000 | 4.350.000 | 4.350.000 | 88.981 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.039.998 | 4.380.000 | 4.380.000 | 88.762 | 130.000 | 340.000 | 340.002 | Achieved |
| 4.050.000 | 4.390.000 | 4.390.000 | 88.688 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.060.000 | 4.400.000 | 4.400.000 | 88.615 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.070.000 | 4.410.000 | 4.410.000 | 88.541 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.090.000 | 4.430.000 | 4.430.000 | 88.395 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.100.000 | 4.440.000 | 4.440.000 | 88.322 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.110.000 | 4.450.000 | 4.450.000 | 88.272 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.120.000 | 4.460.000 | 4.460.000 | 88.276 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.130.000 | 4.470.000 | 4.470.000 | 88.251 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.140.000 | 4.480.000 | 4.480.000 | 88.250 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.150.000 | 4.490.000 | 4.490.000 | 88.231 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.160.000 | 4.500.000 | 4.500.000 | 88.183 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.170.000 | 4.510.000 | 4.510.000 | 88.108 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.179.998 | 4.520.000 | 4.520.000 | 88.036 | 130.000 | 340.000 | 340.002 | Achieved |
| 4.190.001 | 4.530.000 | 4.530.000 | 87.962 | 130.000 | 340.000 | 339.999 | Achieved |
| 4.199.997 | 4.540.000 | 4.540.000 | 87.889 | 130.000 | 340.000 | 340.003 | Achieved |
| 4.210.000 | 4.550.000 | 4.550.000 | 87.814 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.229.998 | 4.570.000 | 4.570.000 | 87.668 | 130.000 | 340.000 | 340.002 | Achieved |
| 4.239.995 | 4.580.000 | 4.580.000 | 87.596 | 130.000 | 340.000 | 340.005 | Achieved |
| 4.250.000 | 4.590.000 | 4.590.000 | 87.521 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.260.000 | 4.600.000 | 4.600.000 | 87.449 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.269.999 | 4.610.000 | 4.610.000 | 87.374 | 130.000 | 340.000 | 340.001 | Achieved |
| 4.279.995 | 4.620.000 | 4.620.000 | 87.302 | 130.000 | 340.000 | 340.005 | Achieved |
| 4.299.992 | 4.640.000 | 4.640.000 | 87.155 | 130.000 | 340.000 | 340.008 | Achieved |
| 4.310.000 | 4.650.000 | 4.650.000 | 87.081 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.319.997 | 4.660.000 | 4.660.000 | 87.009 | 130.000 | 340.000 | 340.003 | Achieved |
| 4.330.000 | 4.670.000 | 4.670.000 | 86.935 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.340.000 | 4.680.000 | 4.680.000 | 86.856 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.350.000 | 4.690.000 | 4.690.000 | 86.778 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.360.000 | 4.700.000 | 4.700.000 | 86.700 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.370.000 | 4.710.000 | 4.710.000 | 86.622 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.380.000 | 4.720.000 | 4.720.000 | 86.543 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.390.000 | 4.730.000 | 4.730.000 | 86.466 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.400.000 | 4.740.000 | 4.740.000 | 86.387 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.410.000 | 4.750.000 | 4.750.000 | 86.310 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.420.000 | 4.760.000 | 4.760.000 | 86.231 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.430.000 | 4.770.000 | 4.770.000 | 86.153 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.440.000 | 4.780.000 | 4.780.000 | 86.074 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.450.000 | 4.790.000 | 4.790.000 | 85.996 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.460.000 | 4.800.000 | 4.800.000 | 85.918 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.470.000 | 4.810.000 | 4.810.000 | 85.840 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.480.000 | 4.820.000 | 4.820.000 | 85.761 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.490.000 | 4.830.000 | 4.830.000 | 85.683 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.500.000 | 4.840.000 | 4.840.000 | 85.605 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.510.000 | 4.850.000 | 4.850.000 | 85.527 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.520.000 | 4.860.000 | 4.860.000 | 85.449 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.530.000 | 4.870.000 | 4.870.000 | 85.371 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.540.000 | 4.880.000 | 4.880.000 | 85.292 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.550.000 | 4.890.000 | 4.890.000 | 85.215 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.560.000 | 4.900.000 | 4.900.000 | 85.136 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.570.000 | 4.910.000 | 4.910.000 | 85.058 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.580.000 | 4.920.000 | 4.920.000 | 84.979 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.590.000 | 4.930.000 | 4.930.000 | 84.902 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.600.000 | 4.940.000 | 4.940.000 | 84.823 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.610.000 | 4.950.000 | 4.950.000 | 84.745 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.620.000 | 4.960.000 | 4.960.000 | 84.667 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.630.000 | 4.970.000 | 4.970.000 | 84.589 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.640.000 | 4.980.000 | 4.980.000 | 84.510 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.650.000 | 4.990.000 | 4.990.000 | 84.432 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.660.000 | 5.000.000 | 5.000.000 | 84.354 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.670.000 | 5.010.000 | 5.010.000 | 84.276 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.680.000 | 5.020.000 | 5.020.000 | 84.198 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.690.000 | 5.030.000 | 5.030.000 | 84.120 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.700.000 | 5.040.000 | 5.040.000 | 84.041 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.710.000 | 5.050.000 | 5.050.000 | 83.964 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.720.000 | 5.060.000 | 5.060.000 | 83.885 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.730.000 | 5.070.000 | 5.070.000 | 83.807 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 4.740.000 | 5.080.000 | 5.080.000 | 83.728 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.750.000 | 5.090.000 | 5.090.000 | 83.651 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.760.000 | 5.100.000 | 5.100.000 | 83.572 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.770.000 | 5.110.000 | 5.110.000 | 83.494 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.780.000 | 5.120.000 | 5.120.000 | 83.416 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.790.000 | 5.130.000 | 5.130.000 | 83.337 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.800.000 | 5.140.000 | 5.140.000 | 83.259 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.810.000 | 5.150.000 | 5.150.000 | 83.181 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.820.000 | 5.160.000 | 5.160.000 | 83.103 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.830.000 | 5.170.000 | 5.170.000 | 83.025 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.840.000 | 5.180.000 | 5.180.000 | 82.946 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.850.000 | 5.190.000 | 5.190.000 | 82.869 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.860.000 | 5.200.000 | 5.200.000 | 82.790 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.870.000 | 5.210.000 | 5.210.000 | 82.713 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.880.000 | 5.220.000 | 5.220.000 | 82.634 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.890.000 | 5.230.000 | 5.230.000 | 82.556 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.900.000 | 5.240.000 | 5.240.000 | 82.477 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.910.000 | 5.250.000 | 5.250.000 | 82.400 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.920.000 | 5.260.000 | 5.260.000 | 82.321 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.930.000 | 5.270.000 | 5.270.000 | 82.243 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.940.000 | 5.280.000 | 5.280.000 | 82.164 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.950.000 | 5.290.000 | 5.290.000 | 82.086 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.960.000 | 5.300.000 | 5.300.000 | 82.008 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.970.000 | 5.310.000 | 5.310.000 | 81.930 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.980.000 | 5.320.000 | 5.320.000 | 81.852 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.990.000 | 5.330.000 | 5.330.000 | 81.774 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.000.000 | 5.340.000 | 5.340.000 | 81.695 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.010.000 | 5.350.000 | 5.350.000 | 81.617 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.020.000 | 5.360.000 | 5.360.000 | 81.539 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.030.000 | 5.370.000 | 5.370.000 | 81.461 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.040.000 | 5.380.000 | 5.380.000 | 81.382 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.050.000 | 5.390.000 | 5.390.000 | 81.305 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.060.000 | 5.400.000 | 5.400.000 | 81.226 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.070.000 | 5.410.000 | 5.410.000 | 81.148 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.080.000 | 5.420.000 | 5.420.000 | 81.070 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.090.000 | 5.430.000 | 5.430.000 | 80.992 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.100.000 | 5.440.000 | 5.440.000 | 80.913 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.110.000 | 5.450.000 | 5.450.000 | 80.835 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.120.000 | 5.460.000 | 5.460.000 | 80.757 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.130.000 | 5.470.000 | 5.470.000 | 80.679 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.140.000 | 5.480.000 | 5.480.000 | 80.600 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.150.000 | 5.490.000 | 5.490.000 | 80.522 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.160.000 | 5.500.000 | 5.500.000 | 80.444 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.170.000 | 5.510.000 | 5.510.000 | 80.366 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.180.000 | 5.520.000 | 5.520.000 | 80.288 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.190.000 | 5.530.000 | 5.530.000 | 80.210 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.200.000 | 5.540.000 | 5.540.000 | 80.131 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.210.000 | 5.550.000 | 5.550.000 | 80.054 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.220.000 | 5.560.000 | 5.560.000 | 79.975 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.230.000 | 5.570.000 | 5.570.000 | 79.897 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.240.000 | 5.580.000 | 5.580.000 | 79.818 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.250.000 | 5.590.000 | 5.590.000 | 79.741 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.260.000 | 5.600.000 | 5.600.000 | 79.662 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.270.000 | 5.610.000 | 5.610.000 | 79.584 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.280.000 | 5.620.000 | 5.620.000 | 79.506 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.290.000 | 5.630.000 | 5.630.000 | 79.428 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.300.000 | 5.640.000 | 5.640.000 | 79.349 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.310.000 | 5.650.000 | 5.650.000 | 79.271 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.320.000 | 5.660.000 | 5.660.000 | 79.193 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.330.000 | 5.670.000 | 5.670.000 | 79.115 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.340.000 | 5.680.000 | 5.680.000 | 79.036 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.350.000 | 5.690.000 | 5.690.000 | 78.959 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.370.000 | 5.710.002 | 5.710.002 | 78.803 | 130.000 | 340.000 | 340.002 | Achieved |
| 5.380.000 | 5.720.002 | 5.720.002 | 78.724 | 130.000 | 340.000 | 340.002 | Achieved |
| 5.390.000 | 5.730.000 | 5.730.000 | 78.646 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.400.000 | 5.740.006 | 5.740.006 | 78.567 | 130.000 | 340.000 | 340.006 | Achieved |
| 5.430.000 | 5.770.000 | 5.770.000 | 78.333 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.440.000 | 5.780.000 | 5.780.000 | 78.255 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.450.000 | 5.790.000 | 5.790.000 | 78.176 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.460.000 | 5.800.004 | 5.800.004 | 78.098 | 130.000 | 340.000 | 340.004 | Achieved |
| 5.470.000 | 5.810.001 | 5.810.001 | 78.020 | 130.000 | 340.000 | 340.001 | Achieved |
| 5.480.000 | 5.820.001 | 5.820.001 | 77.942 | 130.000 | 340.000 | 340.001 | Achieved |
| 5.490.000 | 5.830.000 | 5.830.000 | 77.864 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|--------------|
| 5.500.000 | 5.840.002 | 5.840.002 | 77.785 | 130.000 | 340.000 | 340.002 | Achieved |
| 5.510.000 | 5.850.000 | 5.850.000 | 77.708 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.520.000 | 5.859.999 | 5.859.999 | 77.629 | 130.000 | 340.000 | 339.999 | Achieved |
| 5.530.000 | 5.870.000 | 5.870.000 | 77.552 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.550.000 | 5.890.000 | 5.890.000 | 77.395 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.560.000 | 5.900.000 | 5.900.000 | 77.316 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.570.000 | 5.910.000 | 5.910.000 | 77.238 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.580.000 | 5.920.002 | 5.920.002 | 77.160 | 130.000 | 340.000 | 340.002 | Achieved |
| 5.590.000 | 5.930.000 | 5.930.000 | 77.082 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.600.000 | 5.940.001 | 5.940.001 | 77.003 | 130.000 | 340.000 | 340.001 | Achieved |
| 5.610.000 | 5.950.001 | 5.950.001 | 76.925 | 130.000 | 340.000 | 340.001 | Achieved |
| 5.620.000 | 5.960.004 | 5.960.004 | 76.847 | 130.000 | 340.000 | 340.004 | Achieved |
| 5.630.000 | 5.970.000 | 5.970.000 | 76.769 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.640.000 | 5.980.000 | 5.980.000 | 76.691 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.650.000 | 5.990.000 | 5.990.000 | 76.613 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.660.000 | 6.000.004 | 6.000.004 | 76.534 | 130.000 | 340.000 | 340.004 | Achieved |
| 5.680.000 | 6.020.006 | 6.020.006 | 76.378 | 130.000 | 340.000 | 340.006 | Achieved |
| 5.690.000 | 6.030.000 | 6.030.000 | 76.294 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.710.002 | 6.050.003 | 6.050.003 | 76.128 | 130.000 | 340.000 | 340.001 | Achieved |
| 5.720.002 | 6.060.008 | 6.060.008 | 76.046 | 130.000 | 340.000 | 340.006 | Achieved |
| 5.730.000 | 6.070.000 | 6.070.000 | 75.962 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.749.998 | 6.090.000 | 6.090.000 | 75.797 | 130.000 | 340.000 | 340.002 | Achieved |
| 5.759.995 | 6.100.000 | 6.100.000 | 75.714 | 130.000 | 340.000 | 340.005 | Achieved |
| 5.770.000 | 6.110.000 | 6.110.000 | 75.630 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.780.000 | 6.120.000 | 6.120.000 | 75.548 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.790.000 | 6.130.000 | 6.130.000 | 75.464 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.810.001 | 6.150.000 | 6.150.000 | 75.298 | 130.000 | 340.000 | 339.999 | Achieved |
| 5.820.001 | 6.160.000 | 6.160.000 | 75.216 | 130.000 | 340.000 | 339.999 | Achieved |
| 5.830.000 | 6.170.000 | 6.170.000 | 75.132 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.850.000 | 6.190.000 | 6.190.000 | 74.966 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.859.999 | 6.200.000 | 6.200.000 | 74.859 | 130.000 | 340.000 | 340.001 | Achieved |
| 5.870.000 | 6.210.000 | 6.210.000 | 74.699 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.890.000 | 6.230.000 | 6.230.000 | 74.414 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.900.000 | 6.240.000 | 6.240.000 | 74.286 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.910.000 | 6.250.000 | 6.250.000 | 74.167 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.930.000 | 6.270.000 | 6.270.000 | 74.000 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.940.001 | 6.280.000 | 6.280.000 | 73.919 | 130.000 | 340.000 | 339.999 | Achieved |
| 5.960.004 | 6.290.000 | 6.290.000 | 73.753 | 130.000 | 340.000 | 329.996 | Not Achieved |
| 5.970.000 | 6.300.000 | 6.300.000 | 73.668 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 5.980.000 | 6.310.000 | 6.310.000 | 73.587 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 5.990.000 | 6.320.000 | 6.320.000 | 73.502 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 6.000.004 | 6.330.000 | 6.330.000 | 73.421 | 130.000 | 340.000 | 329.996 | Not Achieved |
| 6.009.998 | 6.340.000 | 6.340.000 | 73.336 | 130.000 | 340.000 | 330.002 | Not Achieved |
| 6.020.006 | 6.350.000 | 6.350.000 | 73.254 | 130.000 | 340.000 | 329.994 | Not Achieved |
| 6.030.000 | 6.360.000 | 6.360.000 | 73.170 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 6.039.993 | 6.370.000 | 6.370.000 | 73.089 | 130.000 | 340.000 | 330.007 | Not Achieved |
| 6.050.003 | 6.370.000 | 6.370.000 | 73.005 | 130.000 | 340.000 | 319.997 | Not Achieved |
| 6.060.008 | 6.390.000 | 6.390.000 | 72.922 | 130.000 | 340.000 | 329.992 | Not Achieved |
| 6.070.000 | 6.390.000 | 6.390.000 | 72.838 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 6.080.000 | 6.410.000 | 6.410.000 | 72.756 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 6.090.000 | 6.420.000 | 6.420.000 | 72.678 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 6.100.000 | 6.430.000 | 6.430.000 | 72.600 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 6.110.000 | 6.440.000 | 6.440.000 | 72.522 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 6.120.000 | 6.450.000 | 6.450.000 | 72.443 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 6.130.000 | 6.460.000 | 6.460.000 | 72.365 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 6.140.000 | 6.470.000 | 6.470.000 | 72.287 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 6.150.000 | 6.480.000 | 6.480.000 | 72.209 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 6.160.000 | 6.490.000 | 6.490.000 | 72.130 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 6.170.000 | 6.500.000 | 6.500.000 | 72.052 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 6.180.000 | 6.520.000 | 6.520.000 | 71.974 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.190.000 | 6.530.000 | 6.530.000 | 71.896 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.200.000 | 6.540.000 | 6.540.000 | 71.818 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.210.000 | 6.550.000 | 6.550.000 | 71.740 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.220.000 | 6.560.000 | 6.560.000 | 71.661 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.230.000 | 6.570.000 | 6.570.000 | 71.584 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.240.000 | 6.580.000 | 6.580.000 | 71.505 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.250.000 | 6.590.000 | 6.590.000 | 71.427 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.260.000 | 6.600.000 | 6.600.000 | 71.348 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.270.000 | 6.610.000 | 6.610.000 | 71.271 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.280.000 | 6.620.000 | 6.620.000 | 71.192 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.290.000 | 6.630.000 | 6.630.000 | 71.114 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.300.000 | 6.640.000 | 6.640.000 | 71.036 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.310.000 | 6.650.000 | 6.650.000 | 70.958 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 6.320.000 | 6.660.000 | 6.660.000 | 70.879 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.330.000 | 6.670.000 | 6.670.000 | 70.801 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.340.000 | 6.680.000 | 6.680.000 | 70.723 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.350.000 | 6.690.000 | 6.690.000 | 70.645 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.360.000 | 6.700.000 | 6.700.000 | 70.566 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.370.000 | 6.710.000 | 6.710.000 | 70.489 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.380.000 | 6.720.000 | 6.720.000 | 70.413 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.390.000 | 6.730.000 | 6.730.000 | 70.343 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.400.000 | 6.740.000 | 6.740.000 | 70.273 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.410.000 | 6.750.000 | 6.750.000 | 70.210 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.420.000 | 6.760.000 | 6.760.000 | 70.146 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.430.000 | 6.770.000 | 6.770.000 | 70.090 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.440.000 | 6.780.000 | 6.780.000 | 70.033 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.450.000 | 6.790.000 | 6.790.000 | 69.983 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.460.000 | 6.800.000 | 6.800.000 | 69.933 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.470.000 | 6.810.000 | 6.810.000 | 69.889 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.480.000 | 6.820.000 | 6.820.000 | 69.846 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.490.000 | 6.830.000 | 6.830.000 | 69.808 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.500.000 | 6.840.000 | 6.840.000 | 69.772 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.510.000 | 6.850.000 | 6.850.000 | 69.741 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.520.000 | 6.860.000 | 6.860.000 | 69.712 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.530.000 | 6.870.000 | 6.870.000 | 69.688 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.540.000 | 6.880.000 | 6.880.000 | 69.665 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.550.000 | 6.890.000 | 6.890.000 | 69.648 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.560.000 | 6.900.000 | 6.900.000 | 69.632 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.570.000 | 6.910.000 | 6.910.000 | 69.622 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.580.000 | 6.920.000 | 6.920.000 | 69.612 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.590.000 | 6.930.000 | 6.930.000 | 69.609 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.600.000 | 6.940.000 | 6.940.000 | 69.605 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.610.000 | 6.950.000 | 6.950.000 | 69.608 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.620.000 | 6.960.000 | 6.960.000 | 69.611 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.630.000 | 6.970.000 | 6.970.000 | 69.621 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.640.000 | 6.980.000 | 6.980.000 | 69.631 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.650.000 | 6.990.000 | 6.990.000 | 69.647 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.660.000 | 7.000.000 | 7.000.000 | 69.664 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.670.000 | 7.010.000 | 7.010.000 | 69.686 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.680.000 | 7.020.000 | 7.020.000 | 69.711 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.690.000 | 7.030.000 | 7.030.000 | 69.739 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.700.000 | 7.040.000 | 7.040.000 | 69.771 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.710.000 | 7.050.000 | 7.050.000 | 69.806 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.720.000 | 7.060.000 | 7.060.000 | 69.844 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.730.000 | 7.070.000 | 7.070.000 | 69.887 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.740.000 | 7.080.000 | 7.080.000 | 69.930 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.750.000 | 7.090.000 | 7.090.000 | 69.979 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.760.000 | 7.100.000 | 7.100.000 | 70.028 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.770.000 | 7.110.000 | 7.110.000 | 70.079 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.780.000 | 7.120.000 | 7.120.000 | 70.128 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.790.000 | 7.130.000 | 7.130.000 | 70.178 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.800.000 | 7.140.000 | 7.140.000 | 70.227 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.810.000 | 7.150.000 | 7.150.000 | 70.278 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.820.000 | 7.160.008 | 7.160.008 | 70.327 | 130.000 | 340.000 | 340.008 | Achieved |
| 6.830.000 | 7.170.000 | 7.170.000 | 70.377 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.840.000 | 7.180.002 | 7.180.002 | 70.427 | 130.000 | 340.000 | 340.002 | Achieved |
| 6.850.000 | 7.190.002 | 7.190.002 | 70.477 | 130.000 | 340.000 | 340.002 | Achieved |
| 6.860.000 | 7.200.006 | 7.200.006 | 70.526 | 130.000 | 340.000 | 340.006 | Achieved |
| 6.870.000 | 7.210.000 | 7.210.000 | 70.576 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.880.000 | 7.220.005 | 7.220.005 | 70.626 | 130.000 | 340.000 | 340.005 | Achieved |
| 6.890.000 | 7.230.000 | 7.230.000 | 70.676 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.900.000 | 7.240.003 | 7.240.003 | 70.725 | 130.000 | 340.000 | 340.003 | Achieved |
| 6.920.000 | 7.260.004 | 7.260.004 | 70.825 | 130.000 | 340.000 | 340.004 | Achieved |
| 6.930.000 | 7.270.000 | 7.270.000 | 70.876 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.940.000 | 7.280.001 | 7.280.001 | 70.925 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.950.000 | 7.290.001 | 7.290.001 | 70.975 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.960.000 | 7.300.002 | 7.300.002 | 71.024 | 130.000 | 340.000 | 340.002 | Achieved |
| 6.970.000 | 7.310.000 | 7.310.000 | 71.074 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.980.000 | 7.320.000 | 7.320.000 | 71.124 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.990.000 | 7.330.000 | 7.330.000 | 71.174 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.000.000 | 7.340.000 | 7.340.000 | 71.223 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.010.000 | 7.350.000 | 7.350.000 | 71.273 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.020.000 | 7.360.000 | 7.360.000 | 71.323 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.030.000 | 7.370.000 | 7.370.000 | 71.373 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.040.000 | 7.380.000 | 7.380.000 | 71.423 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.050.000 | 7.390.000 | 7.390.000 | 71.473 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 7.060.000 | 7.400.000 | 7.400.000 | 71.522 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.070.000 | 7.410.000 | 7.410.000 | 71.573 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.080.000 | 7.420.000 | 7.420.000 | 71.622 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.090.000 | 7.430.000 | 7.430.000 | 71.672 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.100.000 | 7.440.000 | 7.440.000 | 71.721 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.110.000 | 7.450.000 | 7.450.000 | 71.772 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.120.000 | 7.460.000 | 7.460.000 | 71.821 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.130.000 | 7.470.000 | 7.470.000 | 71.871 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.140.000 | 7.480.000 | 7.480.000 | 71.921 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.150.000 | 7.490.000 | 7.490.000 | 71.971 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.170.000 | 7.510.000 | 7.510.000 | 72.076 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.210.000 | 7.550.000 | 7.550.000 | 72.292 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.230.000 | 7.570.000 | 7.570.000 | 72.400 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.249.998 | 7.590.000 | 7.590.000 | 72.509 | 130.000 | 340.000 | 340.002 | Achieved |
| 7.270.000 | 7.610.000 | 7.610.000 | 72.616 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.280.001 | 7.620.000 | 7.620.000 | 72.671 | 130.000 | 340.000 | 339.999 | Achieved |
| 7.290.001 | 7.630.000 | 7.630.000 | 72.724 | 130.000 | 340.000 | 339.999 | Achieved |
| 7.310.000 | 7.650.000 | 7.650.000 | 72.832 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.320.000 | 7.660.000 | 7.660.000 | 72.888 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.330.000 | 7.670.000 | 7.670.000 | 72.941 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.340.000 | 7.680.000 | 7.680.000 | 72.996 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.350.000 | 7.690.000 | 7.690.000 | 73.049 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.360.000 | 7.700.000 | 7.700.000 | 73.101 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.370.000 | 7.710.000 | 7.710.000 | 73.150 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.380.000 | 7.720.000 | 7.720.000 | 73.200 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.390.000 | 7.730.000 | 7.730.000 | 73.250 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.400.000 | 7.740.000 | 7.740.000 | 73.300 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.410.000 | 7.750.000 | 7.750.000 | 73.350 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.420.000 | 7.760.000 | 7.760.000 | 73.399 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.430.000 | 7.770.000 | 7.770.000 | 73.449 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.440.000 | 7.780.000 | 7.780.000 | 73.499 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.450.000 | 7.790.000 | 7.790.000 | 73.549 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.460.000 | 7.800.000 | 7.800.000 | 73.599 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.470.000 | 7.810.000 | 7.810.000 | 73.648 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.480.000 | 7.820.000 | 7.820.000 | 73.698 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.490.000 | 7.830.000 | 7.830.000 | 73.748 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.500.000 | 7.840.000 | 7.840.000 | 73.798 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.510.000 | 7.850.000 | 7.850.000 | 73.847 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.520.000 | 7.860.000 | 7.860.000 | 73.897 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.530.000 | 7.870.000 | 7.870.000 | 73.947 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.540.000 | 7.880.000 | 7.880.000 | 73.997 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.550.000 | 7.890.000 | 7.890.000 | 74.047 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.560.000 | 7.900.000 | 7.900.000 | 74.096 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.570.000 | 7.910.000 | 7.910.000 | 74.146 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.580.000 | 7.920.000 | 7.920.000 | 74.196 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.590.000 | 7.930.000 | 7.930.000 | 74.246 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.600.000 | 7.940.000 | 7.940.000 | 74.296 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.610.000 | 7.950.000 | 7.950.000 | 74.345 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.620.000 | 7.960.000 | 7.960.000 | 74.395 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.630.000 | 7.970.000 | 7.970.000 | 74.445 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.640.000 | 7.980.000 | 7.980.000 | 74.495 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.650.000 | 7.990.000 | 7.990.000 | 74.545 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.660.000 | 8.000.000 | 8.000.000 | 74.594 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.670.000 | 8.010.000 | 8.010.000 | 74.644 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.680.000 | 8.020.000 | 8.020.000 | 74.694 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.690.000 | 8.030.000 | 8.030.000 | 74.744 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.700.000 | 8.040.000 | 8.040.000 | 74.794 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.710.000 | 8.050.000 | 8.050.000 | 74.843 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.720.000 | 8.060.000 | 8.060.000 | 74.893 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.730.000 | 8.070.000 | 8.070.000 | 74.943 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.740.000 | 8.080.000 | 8.080.000 | 74.993 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.750.000 | 8.090.000 | 8.090.000 | 75.043 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.760.000 | 8.100.000 | 8.100.000 | 75.092 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.770.000 | 8.110.000 | 8.110.000 | 75.142 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.780.000 | 8.120.000 | 8.120.000 | 75.192 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.790.000 | 8.130.000 | 8.130.000 | 75.242 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.800.000 | 8.140.000 | 8.140.000 | 75.292 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.810.000 | 8.150.000 | 8.150.000 | 75.341 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.820.000 | 8.160.000 | 8.160.000 | 75.391 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.830.000 | 8.170.000 | 8.170.000 | 75.441 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.840.000 | 8.180.000 | 8.180.000 | 75.491 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.850.000 | 8.190.000 | 8.190.000 | 75.541 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.860.000 | 8.200.000 | 8.200.000 | 75.590 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 7.870.000 | 8.210.000 | 8.210.000 | 75.640 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.880.000 | 8.220.000 | 8.220.000 | 75.690 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.890.000 | 8.230.000 | 8.230.000 | 75.740 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.900.000 | 8.240.000 | 8.240.000 | 75.790 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.910.000 | 8.250.000 | 8.250.000 | 75.839 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.920.000 | 8.260.000 | 8.260.000 | 75.889 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.930.000 | 8.270.000 | 8.270.000 | 75.939 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.940.000 | 8.280.000 | 8.280.000 | 75.989 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.950.000 | 8.290.000 | 8.290.000 | 76.039 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.960.000 | 8.300.000 | 8.300.000 | 76.088 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.970.000 | 8.310.000 | 8.310.000 | 76.138 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.980.000 | 8.320.000 | 8.320.000 | 76.188 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.990.000 | 8.330.000 | 8.330.000 | 76.238 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.000.000 | 8.340.000 | 8.340.000 | 76.287 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.010.000 | 8.350.000 | 8.350.000 | 76.337 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.020.000 | 8.360.000 | 8.360.000 | 76.387 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.030.000 | 8.370.000 | 8.370.000 | 76.437 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.040.000 | 8.380.000 | 8.380.000 | 76.485 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.050.000 | 8.390.000 | 8.390.000 | 76.528 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.060.000 | 8.400.000 | 8.400.000 | 76.571 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.070.000 | 8.410.000 | 8.410.000 | 76.608 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.080.000 | 8.420.000 | 8.420.000 | 76.644 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.090.000 | 8.430.000 | 8.430.000 | 76.674 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.100.000 | 8.440.000 | 8.440.000 | 76.704 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.110.000 | 8.450.000 | 8.450.000 | 76.727 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.120.000 | 8.460.000 | 8.460.000 | 76.750 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.130.000 | 8.470.000 | 8.470.000 | 76.766 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.140.000 | 8.480.000 | 8.480.000 | 76.783 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.150.000 | 8.490.000 | 8.490.000 | 76.792 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.160.000 | 8.500.000 | 8.500.000 | 76.802 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.170.000 | 8.510.000 | 8.510.000 | 76.805 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.180.000 | 8.520.000 | 8.520.000 | 76.808 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.190.000 | 8.530.000 | 8.530.000 | 76.805 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.200.000 | 8.540.000 | 8.540.000 | 76.801 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.210.000 | 8.550.000 | 8.550.000 | 76.791 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.220.000 | 8.560.000 | 8.560.000 | 76.781 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.230.000 | 8.570.000 | 8.570.000 | 76.764 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.240.000 | 8.580.000 | 8.580.000 | 76.747 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.250.000 | 8.590.000 | 8.590.000 | 76.723 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.260.000 | 8.600.000 | 8.600.000 | 76.700 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.270.000 | 8.610.000 | 8.610.000 | 76.670 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.280.000 | 8.620.000 | 8.620.000 | 76.639 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.290.000 | 8.630.000 | 8.630.000 | 76.602 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.300.000 | 8.640.000 | 8.640.000 | 76.566 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.310.000 | 8.650.000 | 8.650.000 | 76.522 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.320.000 | 8.660.000 | 8.660.000 | 76.478 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.330.000 | 8.670.000 | 8.670.000 | 76.428 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.340.000 | 8.680.000 | 8.680.000 | 76.378 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.350.000 | 8.690.000 | 8.690.000 | 76.321 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.360.000 | 8.700.000 | 8.700.000 | 76.264 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.370.000 | 8.710.000 | 8.710.000 | 76.201 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.380.000 | 8.720.000 | 8.720.000 | 76.137 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.390.000 | 8.730.000 | 8.730.000 | 76.067 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.400.000 | 8.740.000 | 8.740.000 | 75.997 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.410.000 | 8.750.000 | 8.750.000 | 75.920 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.420.000 | 8.760.000 | 8.760.000 | 75.843 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.430.000 | 8.770.000 | 8.770.000 | 75.759 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.440.000 | 8.780.000 | 8.780.000 | 75.676 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.450.000 | 8.790.000 | 8.790.000 | 75.585 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.460.000 | 8.800.000 | 8.800.000 | 75.495 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.470.000 | 8.810.000 | 8.810.000 | 75.398 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.480.000 | 8.820.000 | 8.820.000 | 75.301 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.490.000 | 8.830.000 | 8.830.000 | 75.198 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.500.000 | 8.840.000 | 8.840.000 | 75.094 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.510.000 | 8.850.000 | 8.850.000 | 74.984 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.520.000 | 8.860.000 | 8.860.000 | 74.874 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.530.000 | 8.870.000 | 8.870.000 | 74.757 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.540.000 | 8.880.000 | 8.880.000 | 74.640 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.550.000 | 8.890.000 | 8.890.000 | 74.516 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.560.000 | 8.900.000 | 8.900.000 | 74.393 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.570.000 | 8.910.000 | 8.910.000 | 74.262 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.580.000 | 8.920.000 | 8.920.000 | 74.132 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.590.000 | 8.930.000 | 8.930.000 | 73.995 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 8.600.000 | 8.940.000 | 8.940.000 | 73.858 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.610.000 | 8.950.000 | 8.950.000 | 73.715 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.620.000 | 8.960.000 | 8.960.000 | 73.571 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.630.000 | 8.970.000 | 8.970.000 | 73.421 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.640.000 | 8.980.000 | 8.980.000 | 73.271 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.650.000 | 8.990.000 | 8.990.000 | 73.114 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.660.000 | 9.000.000 | 9.000.000 | 72.957 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.670.000 | 9.010.000 | 9.010.000 | 72.793 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.680.000 | 9.020.000 | 9.020.000 | 72.630 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.690.000 | 9.030.000 | 9.030.000 | 72.459 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.700.000 | 9.040.000 | 9.040.000 | 72.289 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.710.000 | 9.050.000 | 9.050.000 | 72.114 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.720.000 | 9.060.000 | 9.060.000 | 71.939 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.730.000 | 9.070.000 | 9.070.000 | 71.763 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.740.000 | 9.080.000 | 9.080.000 | 71.587 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.750.000 | 9.090.000 | 9.090.000 | 71.412 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.760.000 | 9.100.000 | 9.100.000 | 71.236 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.770.000 | 9.110.000 | 9.110.000 | 71.061 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.780.000 | 9.120.000 | 9.120.000 | 70.885 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.790.000 | 9.130.000 | 9.130.000 | 70.709 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.800.000 | 9.140.000 | 9.140.000 | 70.534 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.810.000 | 9.150.000 | 9.150.000 | 70.358 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.820.000 | 9.160.000 | 9.160.000 | 70.183 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.830.000 | 9.170.000 | 9.170.000 | 70.007 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.840.000 | 9.180.000 | 9.180.000 | 69.831 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.850.000 | 9.190.000 | 9.190.000 | 69.656 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.860.000 | 9.200.000 | 9.200.000 | 69.480 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 9.199.225 | 8.859.225 | 8.859.225 | 63.524 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.189.225 | 8.849.225 | 8.849.225 | 63.699 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.179.225 | 8.839.225 | 8.839.225 | 63.875 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.169.225 | 8.829.225 | 8.829.225 | 64.051 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.159.225 | 8.819.225 | 8.819.225 | 64.226 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.149.225 | 8.809.225 | 8.809.225 | 64.402 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.139.225 | 8.799.225 | 8.799.225 | 64.577 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.129.225 | 8.789.225 | 8.789.225 | 64.753 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.119.225 | 8.779.225 | 8.779.225 | 64.929 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.109.225 | 8.769.225 | 8.769.225 | 65.104 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.099.225 | 8.759.225 | 8.759.225 | 65.280 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.089.225 | 8.749.225 | 8.749.225 | 65.455 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.079.225 | 8.739.225 | 8.739.225 | 65.631 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.069.225 | 8.729.225 | 8.729.225 | 65.807 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.059.225 | 8.719.225 | 8.719.225 | 65.982 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.049.225 | 8.709.225 | 8.709.225 | 66.158 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.039.225 | 8.699.225 | 8.699.225 | 66.333 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.029.225 | 8.689.225 | 8.689.225 | 66.509 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.019.225 | 8.679.225 | 8.679.225 | 66.684 | 130.000 | 340.000 | 340.000 | Achieved |
| 9.009.225 | 8.669.225 | 8.669.225 | 66.860 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.999.225 | 8.659.225 | 8.659.225 | 67.036 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.989.225 | 8.649.225 | 8.649.225 | 67.211 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.979.225 | 8.639.225 | 8.639.225 | 67.387 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.969.225 | 8.629.225 | 8.629.225 | 67.562 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.959.225 | 8.619.225 | 8.619.225 | 67.738 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.949.225 | 8.609.225 | 8.609.225 | 67.914 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.939.225 | 8.599.225 | 8.599.225 | 68.089 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.929.225 | 8.589.225 | 8.589.225 | 68.265 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.919.225 | 8.579.225 | 8.579.225 | 68.440 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.909.225 | 8.569.225 | 8.569.225 | 68.616 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.899.225 | 8.559.225 | 8.559.225 | 68.792 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.889.225 | 8.549.225 | 8.549.225 | 68.967 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.879.225 | 8.539.225 | 8.539.225 | 69.143 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.869.225 | 8.529.225 | 8.529.225 | 69.318 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.859.225 | 8.519.225 | 8.519.225 | 69.494 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.849.225 | 8.509.225 | 8.509.225 | 69.670 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.839.225 | 8.499.225 | 8.499.225 | 69.845 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.829.225 | 8.489.225 | 8.489.225 | 70.021 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.819.225 | 8.479.225 | 8.479.225 | 70.196 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.809.225 | 8.469.225 | 8.469.225 | 70.372 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.799.225 | 8.459.225 | 8.459.225 | 70.547 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.789.225 | 8.449.225 | 8.449.225 | 70.723 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.779.225 | 8.439.225 | 8.439.225 | 70.899 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.769.225 | 8.429.225 | 8.429.225 | 71.074 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.759.225 | 8.419.225 | 8.419.225 | 71.250 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.749.225 | 8.409.225 | 8.409.225 | 71.425 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.739.225 | 8.399.225 | 8.399.225 | 71.601 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.729.225 | 8.389.225 | 8.389.225 | 71.777 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.719.225 | 8.379.225 | 8.379.225 | 71.952 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.709.225 | 8.369.225 | 8.369.225 | 72.128 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.699.225 | 8.359.225 | 8.359.225 | 72.302 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.689.225 | 8.349.225 | 8.349.225 | 72.473 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.679.225 | 8.339.225 | 8.339.225 | 72.642 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.669.225 | 8.329.225 | 8.329.225 | 72.806 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.659.225 | 8.319.225 | 8.319.225 | 72.969 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.649.225 | 8.309.225 | 8.309.225 | 73.126 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.639.225 | 8.299.225 | 8.299.225 | 73.282 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.629.225 | 8.289.225 | 8.289.225 | 73.433 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.619.225 | 8.279.225 | 8.279.225 | 73.582 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.609.225 | 8.269.225 | 8.269.225 | 73.726 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.599.225 | 8.259.225 | 8.259.225 | 73.869 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.589.225 | 8.249.225 | 8.249.225 | 74.006 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.579.225 | 8.239.225 | 8.239.225 | 74.142 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.569.225 | 8.229.225 | 8.229.225 | 74.273 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.559.225 | 8.219.225 | 8.219.225 | 74.402 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.549.225 | 8.209.225 | 8.209.225 | 74.526 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.539.225 | 8.199.225 | 8.199.225 | 74.649 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.529.225 | 8.189.225 | 8.189.225 | 74.766 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.519.225 | 8.179.225 | 8.179.225 | 74.882 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.509.225 | 8.169.225 | 8.169.225 | 74.992 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.499.225 | 8.159.225 | 8.159.225 | 75.102 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.489.225 | 8.149.225 | 8.149.225 | 75.206 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.479.225 | 8.139.225 | 8.139.225 | 75.309 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 8.469.225 | 8.129.225 | 8.129.225 | 75.406 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.459.225 | 8.119.225 | 8.119.225 | 75.502 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.449.225 | 8.109.225 | 8.109.225 | 75.592 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.439.225 | 8.099.225 | 8.099.225 | 75.682 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.429.225 | 8.089.225 | 8.089.225 | 75.766 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.419.225 | 8.079.225 | 8.079.225 | 75.849 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.409.225 | 8.069.225 | 8.069.225 | 75.926 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.399.225 | 8.059.225 | 8.059.225 | 76.002 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.389.225 | 8.049.225 | 8.049.225 | 76.072 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.379.225 | 8.039.225 | 8.039.225 | 76.142 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.369.225 | 8.029.225 | 8.029.225 | 76.205 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.359.225 | 8.019.225 | 8.019.225 | 76.269 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.349.225 | 8.009.225 | 8.009.225 | 76.325 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.339.225 | 7.999.225 | 7.999.225 | 76.382 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.329.225 | 7.989.225 | 7.989.225 | 76.432 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.319.225 | 7.979.225 | 7.979.225 | 76.482 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.309.225 | 7.969.225 | 7.969.225 | 76.525 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.299.225 | 7.959.225 | 7.959.225 | 76.568 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.289.225 | 7.949.225 | 7.949.225 | 76.605 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.279.225 | 7.939.225 | 7.939.225 | 76.642 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.269.225 | 7.929.225 | 7.929.225 | 76.672 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.259.225 | 7.919.225 | 7.919.225 | 76.702 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.249.225 | 7.909.225 | 7.909.225 | 76.725 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.239.225 | 7.899.225 | 7.899.225 | 76.748 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.229.225 | 7.889.225 | 7.889.225 | 76.765 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.219.225 | 7.879.225 | 7.879.225 | 76.782 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.209.225 | 7.869.225 | 7.869.225 | 76.792 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.199.225 | 7.859.225 | 7.859.225 | 76.801 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.189.225 | 7.849.225 | 7.849.225 | 76.805 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.179.225 | 7.839.225 | 7.839.225 | 76.808 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.169.225 | 7.829.225 | 7.829.225 | 76.805 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.159.225 | 7.819.225 | 7.819.225 | 76.801 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.149.225 | 7.809.225 | 7.809.225 | 76.792 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.139.225 | 7.799.225 | 7.799.225 | 76.781 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.129.225 | 7.789.225 | 7.789.225 | 76.765 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.119.225 | 7.779.225 | 7.779.225 | 76.748 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.109.225 | 7.769.225 | 7.769.225 | 76.725 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.099.225 | 7.759.225 | 7.759.225 | 76.701 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.089.225 | 7.749.225 | 7.749.225 | 76.671 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.079.225 | 7.739.225 | 7.739.225 | 76.641 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.069.225 | 7.729.225 | 7.729.225 | 76.605 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.059.225 | 7.719.225 | 7.719.225 | 76.568 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.049.225 | 7.709.225 | 7.709.225 | 76.525 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.039.225 | 7.699.225 | 7.699.225 | 76.481 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.029.225 | 7.689.225 | 7.689.225 | 76.433 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.019.225 | 7.679.225 | 7.679.225 | 76.383 | 130.000 | 340.000 | 340.000 | Achieved |
| 8.009.225 | 7.669.225 | 7.669.225 | 76.333 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.999.225 | 7.659.225 | 7.659.225 | 76.284 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.989.225 | 7.649.225 | 7.649.225 | 76.234 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.979.225 | 7.639.225 | 7.639.225 | 76.184 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.969.225 | 7.629.225 | 7.629.225 | 76.134 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.959.225 | 7.619.225 | 7.619.225 | 76.084 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.949.225 | 7.609.225 | 7.609.225 | 76.035 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.939.225 | 7.599.225 | 7.599.225 | 75.985 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.929.225 | 7.589.225 | 7.589.225 | 75.935 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.919.225 | 7.579.225 | 7.579.225 | 75.885 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.909.225 | 7.569.225 | 7.569.225 | 75.835 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.899.225 | 7.559.225 | 7.559.225 | 75.786 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.889.225 | 7.549.225 | 7.549.225 | 75.736 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.879.225 | 7.539.225 | 7.539.225 | 75.686 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.869.225 | 7.529.225 | 7.529.225 | 75.636 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.859.225 | 7.519.225 | 7.519.225 | 75.586 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.849.225 | 7.509.225 | 7.509.225 | 75.537 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.839.225 | 7.499.225 | 7.499.225 | 75.487 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.829.225 | 7.489.225 | 7.489.225 | 75.437 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.819.225 | 7.479.225 | 7.479.225 | 75.387 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.809.225 | 7.469.225 | 7.469.225 | 75.338 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.799.225 | 7.459.225 | 7.459.225 | 75.288 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.789.225 | 7.449.225 | 7.449.225 | 75.238 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.779.225 | 7.439.225 | 7.439.225 | 75.188 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.769.225 | 7.429.225 | 7.429.225 | 75.138 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.759.225 | 7.419.225 | 7.419.225 | 75.089 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.749.225 | 7.409.225 | 7.409.225 | 75.039 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 7.739.225 | 7.399.225 | 7.399.225 | 74.989 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.729.225 | 7.389.225 | 7.389.225 | 74.939 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.719.225 | 7.379.225 | 7.379.225 | 74.889 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.709.225 | 7.369.225 | 7.369.225 | 74.840 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.699.225 | 7.359.225 | 7.359.225 | 74.790 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.689.225 | 7.349.225 | 7.349.225 | 74.740 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.679.225 | 7.339.226 | 7.339.226 | 74.690 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.669.225 | 7.329.225 | 7.329.225 | 74.640 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.649.225 | 7.309.225 | 7.309.225 | 74.541 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.629.225 | 7.289.224 | 7.289.224 | 74.441 | 130.000 | 340.000 | 340.001 | Achieved |
| 7.609.225 | 7.269.225 | 7.269.225 | 74.342 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.569.225 | 7.229.225 | 7.229.225 | 74.142 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.549.225 | 7.209.225 | 7.209.225 | 74.043 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.529.225 | 7.189.223 | 7.189.223 | 73.943 | 130.000 | 340.000 | 340.003 | Achieved |
| 7.509.225 | 7.169.225 | 7.169.225 | 73.844 | 130.000 | 340.000 | 340.001 | Achieved |
| 7.489.225 | 7.149.225 | 7.149.225 | 73.744 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.479.225 | 7.139.225 | 7.139.225 | 73.694 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.469.225 | 7.129.225 | 7.129.225 | 73.644 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.459.225 | 7.119.225 | 7.119.225 | 73.595 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.449.225 | 7.109.225 | 7.109.225 | 73.545 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.439.225 | 7.099.225 | 7.099.225 | 73.495 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.429.225 | 7.089.225 | 7.089.225 | 73.445 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.419.225 | 7.079.225 | 7.079.225 | 73.395 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.409.225 | 7.069.225 | 7.069.225 | 73.346 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.399.225 | 7.059.225 | 7.059.225 | 73.296 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.389.225 | 7.049.225 | 7.049.225 | 73.246 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.379.225 | 7.039.225 | 7.039.225 | 73.196 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.369.225 | 7.029.225 | 7.029.225 | 73.146 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.359.225 | 7.019.225 | 7.019.225 | 73.097 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.349.225 | 7.009.225 | 7.009.225 | 73.061 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.339.226 | 6.999.225 | 6.999.225 | 73.162 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.329.225 | 6.989.225 | 6.989.225 | 73.248 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.319.227 | 6.979.225 | 6.979.225 | 73.227 | 130.000 | 340.000 | 340.002 | Achieved |
| 7.309.225 | 6.969.225 | 6.969.225 | 73.180 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.299.227 | 6.959.225 | 6.959.225 | 73.136 | 130.000 | 340.000 | 340.002 | Achieved |
| 7.289.224 | 6.949.225 | 6.949.225 | 73.091 | 130.000 | 340.000 | 339.999 | Achieved |
| 7.279.228 | 6.939.225 | 6.939.225 | 73.046 | 130.000 | 340.000 | 340.003 | Achieved |
| 7.269.225 | 6.929.225 | 6.929.225 | 73.001 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.259.226 | 6.919.225 | 6.919.225 | 72.956 | 130.000 | 340.000 | 340.001 | Achieved |
| 7.249.227 | 6.909.225 | 6.909.225 | 72.911 | 130.000 | 340.000 | 340.001 | Achieved |
| 7.239.230 | 6.899.225 | 6.899.225 | 72.867 | 130.000 | 340.000 | 340.005 | Achieved |
| 7.229.225 | 6.889.225 | 6.889.225 | 72.821 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.219.231 | 6.879.225 | 6.879.225 | 72.777 | 130.000 | 340.000 | 340.006 | Achieved |
| 7.209.225 | 6.869.225 | 6.869.225 | 72.731 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.199.229 | 6.859.225 | 6.859.225 | 72.687 | 130.000 | 340.000 | 340.004 | Achieved |
| 7.179.232 | 6.839.225 | 6.839.225 | 72.597 | 130.000 | 340.000 | 340.007 | Achieved |
| 7.169.225 | 6.829.225 | 6.829.225 | 72.551 | 130.000 | 340.000 | 339.999 | Achieved |
| 7.159.228 | 6.819.225 | 6.819.225 | 72.507 | 130.000 | 340.000 | 340.002 | Achieved |
| 7.149.225 | 6.809.225 | 6.809.225 | 72.461 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.139.225 | 6.799.225 | 6.799.225 | 72.411 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.129.225 | 6.789.225 | 6.789.225 | 72.361 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.119.225 | 6.779.225 | 6.779.225 | 72.311 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.109.225 | 6.769.225 | 6.769.225 | 72.262 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.099.225 | 6.759.225 | 6.759.225 | 72.212 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.089.225 | 6.749.225 | 6.749.225 | 72.162 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.079.225 | 6.739.225 | 6.739.225 | 72.112 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.069.225 | 6.729.225 | 6.729.225 | 72.063 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.059.225 | 6.719.225 | 6.719.225 | 72.012 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.049.225 | 6.709.225 | 6.709.225 | 71.963 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.039.225 | 6.699.225 | 6.699.225 | 71.913 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.029.225 | 6.689.225 | 6.689.225 | 71.863 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.019.225 | 6.679.225 | 6.679.225 | 71.813 | 130.000 | 340.000 | 340.000 | Achieved |
| 7.009.225 | 6.669.225 | 6.669.225 | 71.763 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.999.225 | 6.659.225 | 6.659.225 | 71.714 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.989.225 | 6.649.225 | 6.649.225 | 71.664 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.979.225 | 6.639.225 | 6.639.225 | 71.614 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.969.225 | 6.629.225 | 6.629.225 | 71.565 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.959.225 | 6.619.225 | 6.619.225 | 71.514 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.949.225 | 6.609.225 | 6.609.225 | 71.465 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.939.225 | 6.599.225 | 6.599.225 | 71.415 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.929.225 | 6.589.225 | 6.589.225 | 71.366 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.919.225 | 6.579.225 | 6.579.225 | 71.315 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.909.225 | 6.569.225 | 6.569.225 | 71.266 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 6.899.225 | 6.559.225 | 6.559.225 | 71.216 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.889.225 | 6.549.225 | 6.549.225 | 71.166 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.879.225 | 6.539.225 | 6.539.225 | 71.116 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.869.225 | 6.529.225 | 6.529.225 | 71.066 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.859.225 | 6.519.225 | 6.519.225 | 71.016 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.849.225 | 6.509.225 | 6.509.225 | 70.967 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.839.225 | 6.499.225 | 6.499.225 | 70.917 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.829.225 | 6.489.225 | 6.489.225 | 70.867 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.819.225 | 6.479.225 | 6.479.225 | 70.817 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.809.225 | 6.469.225 | 6.469.225 | 70.768 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.799.225 | 6.459.225 | 6.459.225 | 70.718 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.789.225 | 6.449.225 | 6.449.225 | 70.668 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.779.225 | 6.439.225 | 6.439.225 | 70.618 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.769.225 | 6.429.225 | 6.429.225 | 70.569 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.759.225 | 6.419.225 | 6.419.225 | 70.518 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.749.225 | 6.409.225 | 6.409.225 | 70.469 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.739.225 | 6.399.225 | 6.399.225 | 70.421 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.729.225 | 6.389.225 | 6.389.225 | 70.377 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.719.225 | 6.379.225 | 6.379.225 | 70.335 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.709.225 | 6.369.225 | 6.369.225 | 70.298 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.699.225 | 6.359.225 | 6.359.225 | 70.262 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.689.225 | 6.349.225 | 6.349.225 | 70.231 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.679.225 | 6.339.225 | 6.339.225 | 70.203 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.669.225 | 6.329.225 | 6.329.225 | 70.178 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.659.225 | 6.319.225 | 6.319.225 | 70.157 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.649.225 | 6.309.225 | 6.309.225 | 70.140 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.639.225 | 6.299.225 | 6.299.225 | 70.124 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.629.225 | 6.289.225 | 6.289.225 | 70.114 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.619.225 | 6.279.225 | 6.279.225 | 70.105 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.609.225 | 6.269.225 | 6.269.225 | 70.102 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.599.225 | 6.259.225 | 6.259.225 | 70.099 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.589.225 | 6.249.225 | 6.249.225 | 70.103 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.579.225 | 6.239.225 | 6.239.225 | 70.107 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.569.225 | 6.229.225 | 6.229.225 | 70.117 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.559.225 | 6.219.225 | 6.219.225 | 70.127 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.549.225 | 6.209.225 | 6.209.225 | 70.143 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.539.225 | 6.199.225 | 6.199.225 | 70.161 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.529.225 | 6.189.225 | 6.189.225 | 70.183 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.519.225 | 6.179.225 | 6.179.225 | 70.208 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.509.225 | 6.169.225 | 6.169.225 | 70.237 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.499.225 | 6.159.225 | 6.159.225 | 70.269 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.489.225 | 6.149.225 | 6.149.225 | 70.305 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.479.225 | 6.139.225 | 6.139.225 | 70.343 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.469.225 | 6.129.225 | 6.129.225 | 70.386 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.459.225 | 6.119.225 | 6.119.225 | 70.430 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.449.225 | 6.109.225 | 6.109.225 | 70.481 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.439.225 | 6.099.225 | 6.099.225 | 70.531 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.429.225 | 6.089.225 | 6.089.225 | 70.589 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.409.225 | 6.069.225 | 6.069.225 | 70.709 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.389.225 | 6.049.222 | 6.049.222 | 70.842 | 130.000 | 340.000 | 340.003 | Achieved |
| 6.369.225 | 6.029.225 | 6.029.225 | 70.989 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.329.225 | 5.989.225 | 5.989.225 | 71.301 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.309.225 | 5.969.225 | 5.969.225 | 71.458 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.289.225 | 5.949.224 | 5.949.224 | 71.614 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.269.225 | 5.929.225 | 5.929.225 | 71.771 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.259.225 | 5.919.226 | 5.919.226 | 71.848 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.249.225 | 5.909.225 | 5.909.225 | 71.927 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.239.225 | 5.899.226 | 5.899.226 | 72.005 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.229.225 | 5.889.225 | 5.889.225 | 72.084 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.219.225 | 5.879.225 | 5.879.225 | 72.161 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.209.225 | 5.869.225 | 5.869.225 | 72.240 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.199.225 | 5.859.225 | 5.859.225 | 72.318 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.189.225 | 5.849.226 | 5.849.226 | 72.396 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.179.225 | 5.839.223 | 5.839.223 | 72.474 | 130.000 | 340.000 | 340.002 | Achieved |
| 6.169.225 | 5.829.225 | 5.829.225 | 72.552 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.159.225 | 5.819.225 | 5.819.225 | 72.630 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.149.225 | 5.809.225 | 5.809.225 | 72.709 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.139.225 | 5.799.222 | 5.799.222 | 72.787 | 130.000 | 340.000 | 340.003 | Achieved |
| 6.129.225 | 5.789.226 | 5.789.226 | 72.865 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.119.225 | 5.779.221 | 5.779.221 | 72.943 | 130.000 | 340.000 | 340.004 | Achieved |
| 6.109.225 | 5.769.226 | 5.769.226 | 73.022 | 130.000 | 340.000 | 340.000 | Achieved |
| 6.099.225 | 5.759.222 | 5.759.222 | 73.100 | 130.000 | 340.000 | 340.003 | Achieved |
| 6.079.233 | 5.739.219 | 5.739.219 | 73.255 | 130.000 | 340.000 | 340.013 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|--------------|
| 6.059.229 | 5.719.224 | 5.719.224 | 73.402 | 130.000 | 340.000 | 340.005 | Achieved |
| 6.039.231 | 5.699.218 | 5.699.218 | 73.548 | 130.000 | 340.000 | 340.013 | Achieved |
| 6.019.227 | 5.679.225 | 5.679.225 | 73.695 | 130.000 | 340.000 | 340.001 | Achieved |
| 6.009.226 | 5.669.225 | 5.669.225 | 73.768 | 130.000 | 340.000 | 340.001 | Achieved |
| 5.999.229 | 5.659.225 | 5.659.225 | 73.842 | 130.000 | 340.000 | 340.004 | Achieved |
| 5.989.225 | 5.649.225 | 5.649.225 | 73.914 | 130.000 | 340.000 | 339.999 | Achieved |
| 5.979.229 | 5.639.225 | 5.639.225 | 73.989 | 130.000 | 340.000 | 340.004 | Achieved |
| 5.969.225 | 5.629.225 | 5.629.225 | 74.061 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.959.227 | 5.619.225 | 5.619.225 | 74.135 | 130.000 | 340.000 | 340.002 | Achieved |
| 5.939.227 | 5.599.225 | 5.599.225 | 74.282 | 130.000 | 340.000 | 340.002 | Achieved |
| 5.929.225 | 5.589.225 | 5.589.225 | 74.354 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.919.226 | 5.579.225 | 5.579.225 | 74.429 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.909.225 | 5.569.225 | 5.569.225 | 74.502 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.899.226 | 5.559.225 | 5.559.225 | 74.534 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.889.225 | 5.549.225 | 5.549.225 | 74.530 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.879.225 | 5.539.225 | 5.539.225 | 74.561 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.869.225 | 5.529.225 | 5.529.225 | 74.557 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.859.225 | 5.519.225 | 5.519.225 | 74.587 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.849.226 | 5.509.225 | 5.509.225 | 74.641 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.829.225 | 5.489.225 | 5.489.225 | 74.787 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.819.225 | 5.479.225 | 5.479.225 | 74.862 | 130.000 | 340.000 | 339.999 | Achieved |
| 5.809.225 | 5.469.225 | 5.469.225 | 74.935 | 130.000 | 340.000 | 339.999 | Achieved |
| 5.799.222 | 5.469.225 | 5.469.225 | 75.009 | 130.000 | 340.000 | 329.997 | Not Achieved |
| 5.789.226 | 5.459.225 | 5.459.225 | 75.081 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 5.779.221 | 5.449.225 | 5.449.225 | 75.155 | 130.000 | 340.000 | 329.996 | Not Achieved |
| 5.769.226 | 5.439.225 | 5.439.225 | 75.227 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 5.759.222 | 5.429.225 | 5.429.225 | 75.302 | 130.000 | 340.000 | 329.997 | Not Achieved |
| 5.749.228 | 5.419.225 | 5.419.225 | 75.375 | 130.000 | 340.000 | 330.002 | Not Achieved |
| 5.739.219 | 5.409.225 | 5.409.225 | 75.449 | 130.000 | 340.000 | 329.994 | Not Achieved |
| 5.729.226 | 5.399.225 | 5.399.225 | 75.521 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 5.719.224 | 5.389.225 | 5.389.225 | 75.595 | 130.000 | 340.000 | 329.999 | Not Achieved |
| 5.709.224 | 5.379.225 | 5.379.225 | 75.668 | 130.000 | 340.000 | 329.998 | Not Achieved |
| 5.689.226 | 5.349.225 | 5.349.225 | 75.814 | 130.000 | 340.000 | 340.001 | Achieved |
| 5.679.225 | 5.339.225 | 5.339.225 | 75.890 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.669.225 | 5.329.225 | 5.329.225 | 75.969 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.659.225 | 5.319.225 | 5.319.225 | 76.046 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.649.225 | 5.309.225 | 5.309.225 | 76.125 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.639.225 | 5.299.225 | 5.299.225 | 76.203 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.629.225 | 5.289.225 | 5.289.225 | 76.281 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.619.225 | 5.279.225 | 5.279.225 | 76.359 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.609.225 | 5.269.225 | 5.269.225 | 76.437 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.599.225 | 5.259.225 | 5.259.225 | 76.515 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.589.225 | 5.249.225 | 5.249.225 | 76.594 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.579.225 | 5.239.225 | 5.239.225 | 76.672 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.569.225 | 5.229.225 | 5.229.225 | 76.750 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.559.225 | 5.219.225 | 5.219.225 | 76.828 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.549.225 | 5.209.225 | 5.209.225 | 76.907 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.539.225 | 5.199.225 | 5.199.225 | 76.985 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.529.225 | 5.189.225 | 5.189.225 | 77.064 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.519.225 | 5.179.225 | 5.179.225 | 77.141 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.509.225 | 5.169.225 | 5.169.225 | 77.220 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.499.225 | 5.159.225 | 5.159.225 | 77.297 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.489.225 | 5.149.225 | 5.149.225 | 77.376 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.479.225 | 5.139.225 | 5.139.225 | 77.454 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.469.225 | 5.129.225 | 5.129.225 | 77.532 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.459.225 | 5.119.225 | 5.119.225 | 77.610 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.449.225 | 5.109.225 | 5.109.225 | 77.688 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.439.225 | 5.099.225 | 5.099.225 | 77.767 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.429.225 | 5.089.225 | 5.089.225 | 77.845 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.419.225 | 5.079.225 | 5.079.225 | 77.923 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.409.225 | 5.069.225 | 5.069.225 | 78.002 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.399.225 | 5.059.225 | 5.059.225 | 78.079 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.389.225 | 5.049.225 | 5.049.225 | 78.158 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.379.225 | 5.039.225 | 5.039.225 | 78.236 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.369.225 | 5.029.225 | 5.029.225 | 78.315 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.359.225 | 5.019.225 | 5.019.225 | 78.392 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.349.225 | 5.009.225 | 5.009.225 | 78.471 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.339.225 | 4.999.225 | 4.999.225 | 78.549 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.329.225 | 4.989.225 | 4.989.225 | 78.627 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.319.225 | 4.979.225 | 4.979.225 | 78.705 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.309.225 | 4.969.225 | 4.969.225 | 78.783 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.299.225 | 4.959.225 | 4.959.225 | 78.861 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.289.225 | 4.949.225 | 4.949.225 | 78.940 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 5.279.225 | 4.939.225 | 4.939.225 | 79.018 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.269.225 | 4.929.225 | 4.929.225 | 79.096 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.259.225 | 4.919.225 | 4.919.225 | 79.174 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.249.225 | 4.909.225 | 4.909.225 | 79.253 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.239.225 | 4.899.225 | 4.899.225 | 79.331 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.229.225 | 4.889.225 | 4.889.225 | 79.409 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.219.225 | 4.879.225 | 4.879.225 | 79.487 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.209.225 | 4.869.225 | 4.869.225 | 79.566 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.199.225 | 4.859.225 | 4.859.225 | 79.643 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.189.225 | 4.849.225 | 4.849.225 | 79.722 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.179.225 | 4.839.225 | 4.839.225 | 79.800 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.169.225 | 4.829.225 | 4.829.225 | 79.878 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.159.225 | 4.819.225 | 4.819.225 | 79.956 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.149.225 | 4.809.225 | 4.809.225 | 80.035 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.139.225 | 4.799.225 | 4.799.225 | 80.113 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.129.225 | 4.789.225 | 4.789.225 | 80.191 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.119.225 | 4.779.225 | 4.779.225 | 80.269 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.109.225 | 4.769.225 | 4.769.225 | 80.347 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.099.225 | 4.759.225 | 4.759.225 | 80.425 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.089.225 | 4.749.225 | 4.749.225 | 80.504 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.079.225 | 4.739.225 | 4.739.225 | 80.582 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.069.225 | 4.729.225 | 4.729.225 | 80.660 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.059.225 | 4.719.225 | 4.719.225 | 80.738 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.049.225 | 4.709.225 | 4.709.225 | 80.817 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.039.225 | 4.699.225 | 4.699.225 | 80.895 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.029.225 | 4.689.225 | 4.689.225 | 80.973 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.019.225 | 4.679.225 | 4.679.225 | 81.051 | 130.000 | 340.000 | 340.000 | Achieved |
| 5.009.225 | 4.669.225 | 4.669.225 | 81.130 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.999.225 | 4.659.225 | 4.659.225 | 81.207 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.989.225 | 4.649.225 | 4.649.225 | 81.286 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.979.225 | 4.639.225 | 4.639.225 | 81.364 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.969.225 | 4.629.225 | 4.629.225 | 81.442 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.959.225 | 4.619.225 | 4.619.225 | 81.520 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.949.225 | 4.609.225 | 4.609.225 | 81.598 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.939.225 | 4.599.225 | 4.599.225 | 81.676 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.929.225 | 4.589.225 | 4.589.225 | 81.755 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.919.225 | 4.579.225 | 4.579.225 | 81.833 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.909.225 | 4.569.225 | 4.569.225 | 81.912 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.899.225 | 4.559.225 | 4.559.225 | 81.989 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.889.225 | 4.549.225 | 4.549.225 | 82.068 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.879.225 | 4.539.225 | 4.539.225 | 82.146 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.869.225 | 4.529.225 | 4.529.225 | 82.225 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.859.225 | 4.519.225 | 4.519.225 | 82.302 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.849.225 | 4.509.225 | 4.509.225 | 82.381 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.839.225 | 4.499.225 | 4.499.225 | 82.458 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.829.225 | 4.489.225 | 4.489.225 | 82.537 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.819.225 | 4.479.225 | 4.479.225 | 82.615 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.809.225 | 4.469.225 | 4.469.225 | 82.693 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.799.225 | 4.459.225 | 4.459.225 | 82.771 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.789.225 | 4.449.225 | 4.449.225 | 82.850 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.779.225 | 4.439.225 | 4.439.225 | 82.928 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.769.225 | 4.429.225 | 4.429.225 | 83.006 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.759.225 | 4.419.225 | 4.419.225 | 83.084 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.749.225 | 4.409.225 | 4.409.225 | 83.163 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.739.225 | 4.399.225 | 4.399.225 | 83.240 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.729.225 | 4.389.225 | 4.389.225 | 83.319 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.719.225 | 4.379.225 | 4.379.225 | 83.397 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.709.225 | 4.369.225 | 4.369.225 | 83.476 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.699.225 | 4.359.225 | 4.359.225 | 83.553 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.689.225 | 4.349.225 | 4.349.225 | 83.632 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.679.225 | 4.339.225 | 4.339.225 | 83.710 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.669.225 | 4.329.225 | 4.329.225 | 83.788 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.659.225 | 4.319.218 | 4.319.218 | 83.866 | 130.000 | 340.000 | 340.007 | Achieved |
| 4.649.225 | 4.309.226 | 4.309.226 | 83.944 | 130.000 | 340.000 | 339.999 | Achieved |
| 4.639.225 | 4.299.224 | 4.299.224 | 84.022 | 130.000 | 340.000 | 340.001 | Achieved |
| 4.629.225 | 4.289.224 | 4.289.224 | 84.101 | 130.000 | 340.000 | 340.001 | Achieved |
| 4.619.225 | 4.279.220 | 4.279.220 | 84.179 | 130.000 | 340.000 | 340.005 | Achieved |
| 4.609.225 | 4.269.226 | 4.269.226 | 84.257 | 130.000 | 340.000 | 339.999 | Achieved |
| 4.599.225 | 4.259.220 | 4.259.220 | 84.335 | 130.000 | 340.000 | 340.005 | Achieved |
| 4.589.225 | 4.249.226 | 4.249.226 | 84.414 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.579.225 | 4.239.223 | 4.239.223 | 84.492 | 130.000 | 340.000 | 340.002 | Achieved |
| 4.559.225 | 4.219.222 | 4.219.222 | 84.648 | 130.000 | 340.000 | 340.003 | Achieved |
| 4.549.225 | 4.209.226 | 4.209.226 | 84.727 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 4.539.225 | 4.199.225 | 4.199.225 | 84.804 | 130.000 | 340.000 | 340.001 | Achieved |
| 4.529.225 | 4.189.225 | 4.189.225 | 84.883 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.519.225 | 4.179.224 | 4.179.224 | 84.961 | 130.000 | 340.000 | 340.002 | Achieved |
| 4.509.225 | 4.169.226 | 4.169.226 | 85.039 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.499.225 | 4.159.225 | 4.159.225 | 85.117 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.489.225 | 4.149.225 | 4.149.225 | 85.195 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.479.225 | 4.139.225 | 4.139.225 | 85.274 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.469.225 | 4.129.225 | 4.129.225 | 85.352 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.459.225 | 4.119.226 | 4.119.226 | 85.430 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.449.225 | 4.109.225 | 4.109.225 | 85.508 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.439.225 | 4.099.226 | 4.099.226 | 85.586 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.429.225 | 4.089.226 | 4.089.226 | 85.665 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.409.225 | 4.069.225 | 4.069.225 | 85.822 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.389.225 | 4.049.225 | 4.049.225 | 85.978 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.369.225 | 4.029.223 | 4.029.223 | 86.134 | 130.000 | 340.000 | 340.002 | Achieved |
| 4.349.225 | 4.009.225 | 4.009.225 | 86.290 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.339.225 | 3.999.226 | 3.999.226 | 86.368 | 130.000 | 340.000 | 339.999 | Achieved |
| 4.309.226 | 3.969.224 | 3.969.224 | 86.611 | 130.000 | 340.000 | 340.002 | Achieved |
| 4.289.224 | 3.949.225 | 3.949.225 | 86.777 | 130.000 | 340.000 | 339.999 | Achieved |
| 4.269.226 | 3.929.221 | 3.929.221 | 86.943 | 130.000 | 340.000 | 340.005 | Achieved |
| 4.249.226 | 3.909.225 | 3.909.225 | 87.109 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.229.227 | 3.889.225 | 3.889.225 | 87.276 | 130.000 | 340.000 | 340.002 | Achieved |
| 4.209.226 | 3.869.225 | 3.869.225 | 87.441 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.199.225 | 3.859.225 | 3.859.225 | 87.525 | 130.000 | 340.000 | 339.999 | Achieved |
| 4.189.225 | 3.849.225 | 3.849.225 | 87.607 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.169.226 | 3.829.225 | 3.829.225 | 87.773 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.159.225 | 3.819.225 | 3.819.225 | 87.857 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.149.225 | 3.809.225 | 3.809.225 | 87.949 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.139.225 | 3.799.225 | 3.799.225 | 88.103 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.129.225 | 3.789.225 | 3.789.225 | 88.249 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.119.226 | 3.779.225 | 3.779.225 | 88.389 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.109.225 | 3.769.225 | 3.769.225 | 88.527 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.099.226 | 3.759.225 | 3.759.225 | 88.656 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.089.226 | 3.749.225 | 3.749.225 | 88.738 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.079.227 | 3.739.225 | 3.739.225 | 88.822 | 130.000 | 340.000 | 340.002 | Achieved |
| 4.069.225 | 3.729.225 | 3.729.225 | 88.905 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.059.228 | 3.719.225 | 3.719.225 | 88.988 | 130.000 | 340.000 | 340.003 | Achieved |
| 4.049.225 | 3.709.225 | 3.709.225 | 89.070 | 130.000 | 340.000 | 340.000 | Achieved |
| 4.039.227 | 3.699.225 | 3.699.225 | 89.154 | 130.000 | 340.000 | 340.002 | Achieved |
| 4.019.230 | 3.679.225 | 3.679.225 | 89.320 | 130.000 | 340.000 | 340.005 | Achieved |
| 4.009.225 | 3.669.225 | 3.669.225 | 89.403 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.999.226 | 3.659.225 | 3.659.225 | 89.486 | 130.000 | 340.000 | 340.001 | Achieved |
| 3.989.226 | 3.649.225 | 3.649.225 | 89.569 | 130.000 | 340.000 | 340.001 | Achieved |
| 3.979.231 | 3.639.225 | 3.639.225 | 89.652 | 130.000 | 340.000 | 340.006 | Achieved |
| 3.969.224 | 3.629.225 | 3.629.225 | 89.735 | 130.000 | 340.000 | 339.999 | Achieved |
| 3.959.232 | 3.619.225 | 3.619.225 | 89.818 | 130.000 | 340.000 | 340.007 | Achieved |
| 3.949.225 | 3.609.225 | 3.609.225 | 89.901 | 130.000 | 340.000 | 339.999 | Achieved |
| 3.939.229 | 3.599.225 | 3.599.225 | 89.984 | 130.000 | 340.000 | 340.004 | Achieved |
| 3.919.225 | 3.579.225 | 3.579.225 | 90.147 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.909.225 | 3.569.225 | 3.569.225 | 90.225 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.899.225 | 3.559.225 | 3.559.225 | 90.303 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.889.225 | 3.549.225 | 3.549.225 | 90.381 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.879.225 | 3.539.225 | 3.539.225 | 90.459 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.869.225 | 3.529.225 | 3.529.225 | 90.538 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.859.225 | 3.519.225 | 3.519.225 | 90.616 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.849.225 | 3.509.225 | 3.509.225 | 90.695 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.839.225 | 3.499.225 | 3.499.225 | 90.772 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.829.225 | 3.489.225 | 3.489.225 | 90.851 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.819.225 | 3.479.225 | 3.479.225 | 90.929 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.809.225 | 3.469.225 | 3.469.225 | 91.007 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.799.225 | 3.459.225 | 3.459.225 | 91.085 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.789.225 | 3.449.225 | 3.449.225 | 91.163 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.779.225 | 3.439.225 | 3.439.225 | 91.241 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.769.225 | 3.429.225 | 3.429.225 | 91.320 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.759.225 | 3.419.225 | 3.419.225 | 91.398 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.749.225 | 3.409.225 | 3.409.225 | 91.476 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.739.225 | 3.399.225 | 3.399.225 | 91.554 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.729.225 | 3.389.225 | 3.389.225 | 91.633 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.719.225 | 3.379.225 | 3.379.225 | 91.711 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.709.225 | 3.369.225 | 3.369.225 | 91.789 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.699.225 | 3.359.225 | 3.359.225 | 91.867 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.689.225 | 3.349.225 | 3.349.225 | 91.946 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.679.225 | 3.339.225 | 3.339.225 | 92.023 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 3.669.225 | 3.329.225 | 3.329.225 | 92.102 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.659.225 | 3.319.225 | 3.319.225 | 92.180 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.649.225 | 3.309.225 | 3.309.225 | 92.258 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.639.225 | 3.299.225 | 3.299.225 | 92.336 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.629.225 | 3.289.225 | 3.289.225 | 92.415 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.619.225 | 3.279.225 | 3.279.225 | 92.493 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.609.225 | 3.269.225 | 3.269.225 | 92.571 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.599.225 | 3.259.225 | 3.259.225 | 92.649 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.589.225 | 3.249.225 | 3.249.225 | 92.727 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.579.225 | 3.239.225 | 3.239.225 | 92.805 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.569.225 | 3.229.225 | 3.229.225 | 92.884 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.559.225 | 3.219.225 | 3.219.225 | 92.962 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.549.225 | 3.209.225 | 3.209.225 | 93.040 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.539.225 | 3.199.225 | 3.199.225 | 93.118 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.529.225 | 3.189.225 | 3.189.225 | 93.197 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.519.225 | 3.179.225 | 3.179.225 | 93.275 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.509.225 | 3.169.225 | 3.169.225 | 93.353 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.499.225 | 3.159.225 | 3.159.225 | 93.431 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.489.225 | 3.149.225 | 3.149.225 | 93.510 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.479.225 | 3.139.225 | 3.139.225 | 93.587 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.469.225 | 3.129.225 | 3.129.225 | 93.666 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.459.225 | 3.119.225 | 3.119.225 | 93.744 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.449.225 | 3.109.225 | 3.109.225 | 93.822 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.439.225 | 3.099.225 | 3.099.225 | 93.900 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.429.225 | 3.089.225 | 3.089.225 | 93.978 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.419.225 | 3.079.225 | 3.079.225 | 94.056 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.409.225 | 3.069.225 | 3.069.225 | 94.135 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.399.225 | 3.059.225 | 3.059.225 | 94.213 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.389.225 | 3.049.225 | 3.049.225 | 94.292 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.379.225 | 3.039.225 | 3.039.225 | 94.369 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.369.225 | 3.029.225 | 3.029.225 | 94.448 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.359.225 | 3.019.225 | 3.019.225 | 94.526 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.349.225 | 3.009.225 | 3.009.225 | 94.605 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.339.225 | 2.999.225 | 2.999.225 | 94.682 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.329.225 | 2.989.225 | 2.989.225 | 94.761 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.319.225 | 2.979.225 | 2.979.225 | 94.838 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.309.225 | 2.969.225 | 2.969.225 | 94.917 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.299.225 | 2.959.225 | 2.959.225 | 94.994 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.289.225 | 2.949.225 | 2.949.225 | 95.067 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.279.225 | 2.939.225 | 2.939.225 | 95.138 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.269.225 | 2.929.225 | 2.929.225 | 95.205 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.259.225 | 2.919.225 | 2.919.225 | 95.269 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.249.225 | 2.909.225 | 2.909.225 | 95.329 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.239.225 | 2.899.225 | 2.899.225 | 95.387 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.229.225 | 2.889.225 | 2.889.225 | 95.440 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.219.225 | 2.879.225 | 2.879.225 | 95.491 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.209.225 | 2.869.225 | 2.869.225 | 95.537 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.199.225 | 2.859.225 | 2.859.225 | 95.582 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.189.225 | 2.849.225 | 2.849.225 | 95.622 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.179.225 | 2.839.225 | 2.839.225 | 95.659 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.169.225 | 2.829.225 | 2.829.225 | 95.693 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.159.225 | 2.819.225 | 2.819.225 | 95.724 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.149.225 | 2.809.225 | 2.809.225 | 95.751 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.139.225 | 2.799.225 | 2.799.225 | 95.775 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.129.225 | 2.789.225 | 2.789.225 | 95.795 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.119.225 | 2.779.225 | 2.779.225 | 95.812 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.109.225 | 2.769.225 | 2.769.225 | 95.826 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.099.225 | 2.759.225 | 2.759.225 | 95.837 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.089.225 | 2.749.225 | 2.749.225 | 95.844 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.079.225 | 2.739.225 | 2.739.225 | 95.848 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.069.225 | 2.729.225 | 2.729.225 | 95.848 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.059.225 | 2.719.225 | 2.719.225 | 95.845 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.049.225 | 2.709.225 | 2.709.225 | 95.839 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.039.225 | 2.699.225 | 2.699.225 | 95.830 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.029.225 | 2.689.225 | 2.689.225 | 95.816 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.019.225 | 2.679.225 | 2.679.225 | 95.801 | 130.000 | 340.000 | 340.000 | Achieved |
| 3.009.225 | 2.669.225 | 2.669.225 | 95.781 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.999.225 | 2.659.225 | 2.659.225 | 95.758 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.989.225 | 2.649.225 | 2.649.225 | 95.732 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.979.225 | 2.639.225 | 2.639.225 | 95.703 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.969.225 | 2.629.225 | 2.629.225 | 95.670 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.959.225 | 2.619.225 | 2.619.225 | 95.634 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.949.225 | 2.609.225 | 2.609.225 | 95.594 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 2.939.225 | 2.599.225 | 2.599.225 | 95.551 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.929.225 | 2.589.225 | 2.589.225 | 95.505 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.919.225 | 2.579.225 | 2.579.225 | 95.455 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.909.225 | 2.569.225 | 2.569.225 | 95.402 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.899.225 | 2.559.225 | 2.559.225 | 95.346 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.889.225 | 2.549.225 | 2.549.225 | 95.287 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.879.225 | 2.539.225 | 2.539.225 | 95.224 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.869.225 | 2.529.225 | 2.529.225 | 95.161 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.859.225 | 2.519.225 | 2.519.225 | 95.097 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.849.225 | 2.509.225 | 2.509.225 | 95.034 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.839.225 | 2.499.225 | 2.499.225 | 94.970 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.829.225 | 2.489.225 | 2.489.225 | 94.907 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.819.225 | 2.479.225 | 2.479.225 | 94.843 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.809.225 | 2.469.225 | 2.469.225 | 94.780 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.799.225 | 2.459.225 | 2.459.225 | 94.716 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.789.225 | 2.449.225 | 2.449.225 | 94.653 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.779.225 | 2.439.225 | 2.439.225 | 94.589 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.769.225 | 2.429.225 | 2.429.225 | 94.526 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.759.225 | 2.419.225 | 2.419.225 | 94.462 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.749.225 | 2.409.225 | 2.409.225 | 94.399 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.739.225 | 2.399.225 | 2.399.225 | 94.335 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.729.225 | 2.389.225 | 2.389.225 | 94.272 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.719.225 | 2.379.225 | 2.379.225 | 94.208 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.709.225 | 2.369.225 | 2.369.225 | 94.145 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.699.225 | 2.359.225 | 2.359.225 | 94.081 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.689.225 | 2.349.225 | 2.349.225 | 94.018 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.679.225 | 2.339.225 | 2.339.225 | 93.954 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.669.225 | 2.329.225 | 2.329.225 | 93.891 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.659.225 | 2.319.225 | 2.319.225 | 93.827 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.649.225 | 2.309.225 | 2.309.225 | 93.764 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.639.225 | 2.299.225 | 2.299.225 | 93.700 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.629.225 | 2.289.225 | 2.289.225 | 93.637 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.619.225 | 2.279.225 | 2.279.225 | 93.573 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.609.225 | 2.269.225 | 2.269.225 | 93.510 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.599.225 | 2.259.225 | 2.259.225 | 93.446 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.589.225 | 2.249.225 | 2.249.225 | 93.383 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.579.225 | 2.239.225 | 2.239.225 | 93.319 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.569.225 | 2.229.225 | 2.229.225 | 93.256 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.559.225 | 2.219.225 | 2.219.225 | 93.192 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.549.225 | 2.209.225 | 2.209.225 | 93.129 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.539.225 | 2.199.225 | 2.199.225 | 93.065 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.529.225 | 2.189.225 | 2.189.225 | 93.002 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.509.225 | 2.169.225 | 2.169.225 | 92.874 | 130.000 | 340.000 | 340.001 | Achieved |
| 2.499.225 | 2.159.226 | 2.159.226 | 92.811 | 130.000 | 340.000 | 339.999 | Achieved |
| 2.489.225 | 2.149.226 | 2.149.226 | 92.747 | 130.000 | 340.000 | 339.999 | Achieved |
| 2.469.225 | 2.129.224 | 2.129.224 | 92.620 | 130.000 | 340.000 | 340.001 | Achieved |
| 2.449.225 | 2.109.225 | 2.109.225 | 92.494 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.429.225 | 2.089.223 | 2.089.223 | 92.367 | 130.000 | 340.000 | 340.002 | Achieved |
| 2.409.225 | 2.069.225 | 2.069.225 | 92.240 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.399.225 | 2.059.226 | 2.059.226 | 92.176 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.389.225 | 2.049.226 | 2.049.226 | 92.112 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.369.225 | 2.029.225 | 2.029.225 | 91.985 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.359.225 | 2.019.226 | 2.019.226 | 91.921 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.349.225 | 2.009.225 | 2.009.225 | 91.858 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.339.225 | 1.999.225 | 1.999.225 | 91.794 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.329.225 | 1.989.225 | 1.989.225 | 91.731 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.319.225 | 1.979.224 | 1.979.224 | 91.667 | 130.000 | 340.000 | 340.001 | Achieved |
| 2.309.225 | 1.969.226 | 1.969.226 | 91.604 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.299.225 | 1.959.223 | 1.959.223 | 91.540 | 130.000 | 340.000 | 340.003 | Achieved |
| 2.289.225 | 1.949.225 | 1.949.225 | 91.477 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.279.225 | 1.939.225 | 1.939.225 | 91.413 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.269.225 | 1.929.225 | 1.929.225 | 91.350 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.259.225 | 1.919.224 | 1.919.224 | 91.286 | 130.000 | 340.000 | 340.001 | Achieved |
| 2.249.225 | 1.909.224 | 1.909.224 | 91.223 | 130.000 | 340.000 | 340.001 | Achieved |
| 2.239.225 | 1.899.222 | 1.899.222 | 91.159 | 130.000 | 340.000 | 340.003 | Achieved |
| 2.219.225 | 1.879.219 | 1.879.219 | 91.032 | 130.000 | 340.000 | 340.006 | Achieved |
| 2.199.225 | 1.859.216 | 1.859.216 | 90.905 | 130.000 | 340.000 | 340.010 | Achieved |
| 2.189.225 | 1.849.226 | 1.849.226 | 90.842 | 130.000 | 340.000 | 339.999 | Achieved |
| 2.179.232 | 1.839.226 | 1.839.226 | 90.773 | 130.000 | 340.000 | 340.007 | Achieved |
| 2.169.225 | 1.829.225 | 1.829.225 | 90.704 | 130.000 | 340.000 | 339.999 | Achieved |
| 2.159.226 | 1.819.225 | 1.819.225 | 90.637 | 130.000 | 340.000 | 340.001 | Achieved |
| 2.149.226 | 1.809.225 | 1.809.225 | 90.567 | 130.000 | 340.000 | 340.001 | Achieved |
| 2.139.230 | 1.799.225 | 1.799.225 | 90.500 | 130.000 | 340.000 | 340.005 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|--------------|
| 2.119.230 | 1.779.225 | 1.779.225 | 90.363 | 130.000 | 340.000 | 340.005 | Achieved |
| 2.109.225 | 1.769.225 | 1.769.225 | 90.294 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.099.227 | 1.759.225 | 1.759.225 | 90.226 | 130.000 | 340.000 | 340.002 | Achieved |
| 2.079.229 | 1.739.225 | 1.739.225 | 90.090 | 130.000 | 340.000 | 340.003 | Achieved |
| 2.069.225 | 1.729.225 | 1.729.225 | 90.020 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.059.226 | 1.719.225 | 1.719.225 | 89.953 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.049.226 | 1.709.225 | 1.709.225 | 89.884 | 130.000 | 340.000 | 340.000 | Achieved |
| 2.039.227 | 1.699.225 | 1.699.225 | 89.816 | 130.000 | 340.000 | 340.002 | Achieved |
| 2.029.225 | 1.699.225 | 1.699.225 | 89.747 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 2.019.226 | 1.689.225 | 1.689.225 | 89.680 | 130.000 | 340.000 | 330.000 | Not Achieved |
| 2.009.225 | 1.689.225 | 1.689.225 | 89.573 | 130.000 | 340.000 | 320.000 | Not Achieved |
| 1.999.225 | 1.689.225 | 1.689.225 | 89.452 | 130.000 | 340.000 | 310.000 | Not Achieved |
| 1.989.225 | 1.679.225 | 1.679.225 | 89.324 | 130.000 | 340.000 | 310.000 | Not Achieved |
| 1.979.224 | 1.679.225 | 1.679.225 | 89.195 | 130.000 | 340.000 | 299.999 | Not Achieved |
| 1.969.226 | 1.669.225 | 1.669.225 | 89.049 | 130.000 | 340.000 | 300.000 | Not Achieved |
| 1.959.223 | 1.659.225 | 1.659.225 | 88.965 | 130.000 | 340.000 | 299.997 | Not Achieved |
| 1.949.225 | 1.659.225 | 1.659.225 | 88.887 | 130.000 | 340.000 | 290.000 | Not Achieved |
| 1.939.225 | 1.649.225 | 1.649.225 | 88.816 | 130.000 | 340.000 | 290.000 | Not Achieved |
| 1.929.225 | 1.639.225 | 1.639.225 | 88.738 | 130.000 | 340.000 | 290.000 | Not Achieved |
| 1.919.224 | 1.629.225 | 1.629.225 | 88.666 | 130.000 | 340.000 | 289.999 | Not Achieved |
| 1.909.224 | 1.619.225 | 1.619.225 | 88.589 | 130.000 | 340.000 | 289.999 | Not Achieved |
| 1.899.222 | 1.619.225 | 1.619.225 | 88.516 | 130.000 | 340.000 | 279.997 | Not Achieved |
| 1.889.229 | 1.609.225 | 1.609.225 | 88.441 | 130.000 | 340.000 | 280.004 | Not Achieved |
| 1.879.219 | 1.599.225 | 1.599.225 | 88.366 | 130.000 | 340.000 | 279.994 | Not Achieved |
| 1.869.228 | 1.599.225 | 1.599.225 | 88.288 | 130.000 | 340.000 | 270.002 | Not Achieved |
| 1.859.216 | 1.599.225 | 1.599.225 | 88.216 | 130.000 | 340.000 | 259.990 | Not Achieved |
| 1.849.226 | 1.589.225 | 1.589.225 | 88.138 | 130.000 | 340.000 | 260.001 | Not Achieved |
| 1.839.226 | 1.589.225 | 1.589.225 | 88.066 | 130.000 | 340.000 | 250.000 | Not Achieved |
| 1.829.225 | 1.579.225 | 1.579.225 | 88.003 | 130.000 | 340.000 | 250.000 | Not Achieved |
| 1.819.225 | 1.569.225 | 1.569.225 | 87.939 | 130.000 | 340.000 | 250.000 | Not Achieved |
| 1.809.225 | 1.569.225 | 1.569.225 | 87.876 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 1.799.225 | 1.559.225 | 1.559.225 | 87.812 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 1.789.225 | 1.549.225 | 1.549.225 | 87.749 | 130.000 | 340.000 | 240.000 | Not Achieved |
| 1.779.225 | 1.529.225 | 1.529.225 | 87.685 | 130.000 | 340.000 | 250.000 | Not Achieved |
| 1.769.225 | 1.519.225 | 1.519.225 | 87.622 | 130.000 | 340.000 | 250.000 | Not Achieved |
| 1.759.225 | 1.499.225 | 1.499.225 | 87.558 | 130.000 | 340.000 | 260.000 | Not Achieved |
| 1.749.225 | 1.469.225 | 1.469.225 | 87.495 | 130.000 | 340.000 | 280.000 | Not Achieved |
| 1.739.225 | 1.429.225 | 1.429.225 | 87.431 | 130.000 | 340.000 | 310.000 | Not Achieved |
| 1.729.225 | 1.389.225 | 1.389.225 | 87.368 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.719.225 | 1.379.225 | 1.379.225 | 87.304 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.709.225 | 1.369.225 | 1.369.225 | 87.241 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.699.225 | 1.359.225 | 1.359.225 | 87.177 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.689.225 | 1.349.225 | 1.349.225 | 87.114 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.679.225 | 1.339.225 | 1.339.225 | 87.050 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.669.225 | 1.329.225 | 1.329.225 | 86.986 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.659.225 | 1.319.225 | 1.319.225 | 86.923 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.649.225 | 1.309.225 | 1.309.225 | 86.860 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.639.225 | 1.299.225 | 1.299.225 | 86.796 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.629.225 | 1.289.225 | 1.289.225 | 86.733 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.619.225 | 1.279.225 | 1.279.225 | 86.669 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.609.225 | 1.269.225 | 1.269.225 | 86.606 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.599.225 | 1.259.225 | 1.259.225 | 86.542 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.589.225 | 1.249.225 | 1.249.225 | 86.478 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.579.225 | 1.239.225 | 1.239.225 | 86.415 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.569.225 | 1.229.225 | 1.229.225 | 86.352 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.559.225 | 1.219.225 | 1.219.225 | 86.288 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.549.225 | 1.209.225 | 1.209.225 | 86.225 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.539.225 | 1.199.225 | 1.199.225 | 86.161 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.529.225 | 1.189.225 | 1.189.225 | 86.097 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.519.225 | 1.179.225 | 1.179.225 | 86.034 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.509.225 | 1.169.225 | 1.169.225 | 85.971 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.499.225 | 1.159.225 | 1.159.225 | 85.907 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.489.225 | 1.149.225 | 1.149.225 | 85.844 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.479.225 | 1.139.225 | 1.139.225 | 85.780 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.469.225 | 1.129.225 | 1.129.225 | 85.716 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.459.225 | 1.119.225 | 1.119.225 | 85.653 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.449.225 | 1.109.225 | 1.109.225 | 85.589 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.439.225 | 1.099.225 | 1.099.225 | 85.525 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.429.225 | 1.089.225 | 1.089.225 | 85.463 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.419.225 | 1.079.225 | 1.079.225 | 85.399 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.409.225 | 1.069.225 | 1.069.225 | 85.335 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.399.225 | 1.059.225 | 1.059.225 | 85.271 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.389.225 | 1.049.225 | 1.049.225 | 85.208 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 1.379.225 | 1.039.225 | 1.039.225 | 85.144 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.369.225 | 1.029.225 | 1.029.225 | 85.082 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.359.225 | 1.019.225 | 1.019.225 | 85.017 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.349.225 | 1.009.225 | 1.009.225 | 84.955 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.339.225 | 999.225 | 999.225 | 84.890 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.329.225 | 989.225 | 989.225 | 84.827 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.319.225 | 979.225 | 979.225 | 84.763 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.309.225 | 969.225 | 969.225 | 84.700 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.299.225 | 959.225 | 959.225 | 84.636 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.289.225 | 949.225 | 949.225 | 84.574 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.279.225 | 939.225 | 939.225 | 84.509 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.269.225 | 929.225 | 929.225 | 84.446 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.259.225 | 919.225 | 919.225 | 84.382 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.249.225 | 909.225 | 909.225 | 84.319 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.239.225 | 899.225 | 899.225 | 84.255 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.229.225 | 889.225 | 889.225 | 84.192 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.219.225 | 879.215 | 879.215 | 84.128 | 130.000 | 340.000 | 340.010 | Achieved |
| 1.209.225 | 869.226 | 869.226 | 84.065 | 130.000 | 340.000 | 339.999 | Achieved |
| 1.199.225 | 859.223 | 859.223 | 84.001 | 130.000 | 340.000 | 340.002 | Achieved |
| 1.189.225 | 849.224 | 849.224 | 83.938 | 130.000 | 340.000 | 340.002 | Achieved |
| 1.179.225 | 839.222 | 839.222 | 83.874 | 130.000 | 340.000 | 340.004 | Achieved |
| 1.169.225 | 829.222 | 829.222 | 83.811 | 130.000 | 340.000 | 340.003 | Achieved |
| 1.159.225 | 819.221 | 819.221 | 83.747 | 130.000 | 340.000 | 340.004 | Achieved |
| 1.139.225 | 799.221 | 799.221 | 83.620 | 130.000 | 340.000 | 340.004 | Achieved |
| 1.129.225 | 789.226 | 789.226 | 83.557 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.119.225 | 779.222 | 779.222 | 83.493 | 130.000 | 340.000 | 340.003 | Achieved |
| 1.109.225 | 769.226 | 769.226 | 83.430 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.099.225 | 759.225 | 759.225 | 83.366 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.089.225 | 749.225 | 749.225 | 83.303 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.079.225 | 739.225 | 739.225 | 83.239 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.069.225 | 729.225 | 729.225 | 83.176 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.059.225 | 719.225 | 719.225 | 83.112 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.049.225 | 709.225 | 709.225 | 83.048 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.039.225 | 699.225 | 699.225 | 82.985 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.029.225 | 689.225 | 689.225 | 82.922 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.019.225 | 679.225 | 679.225 | 82.858 | 130.000 | 340.000 | 340.000 | Achieved |
| 1.009.225 | 669.225 | 669.225 | 82.795 | 130.000 | 340.000 | 340.000 | Achieved |
| 999.225 | 659.225 | 659.225 | 82.731 | 130.000 | 340.000 | 340.000 | Achieved |
| 989.225 | 649.225 | 649.225 | 82.667 | 130.000 | 340.000 | 340.000 | Achieved |
| 979.225 | 639.225 | 639.225 | 82.604 | 130.000 | 340.000 | 340.000 | Achieved |
| 969.225 | 629.225 | 629.225 | 82.541 | 130.000 | 340.000 | 340.000 | Achieved |
| 959.225 | 619.225 | 619.225 | 82.477 | 130.000 | 340.000 | 340.000 | Achieved |
| 949.225 | 609.225 | 609.225 | 82.414 | 130.000 | 340.000 | 340.000 | Achieved |
| 939.225 | 599.225 | 599.225 | 82.350 | 130.000 | 340.000 | 340.000 | Achieved |
| 929.225 | 589.225 | 589.225 | 82.287 | 130.000 | 340.000 | 340.000 | Achieved |
| 919.225 | 579.225 | 579.225 | 82.223 | 130.000 | 340.000 | 340.000 | Achieved |
| 909.225 | 569.225 | 569.225 | 82.159 | 130.000 | 340.000 | 340.000 | Achieved |
| 899.225 | 559.225 | 559.225 | 82.096 | 130.000 | 340.000 | 340.000 | Achieved |
| 889.225 | 549.225 | 549.225 | 82.033 | 130.000 | 340.000 | 340.000 | Achieved |
| 869.226 | 529.225 | 529.225 | 81.913 | 130.000 | 340.000 | 340.001 | Achieved |
| 809.227 | 469.225 | 469.225 | 81.590 | 130.000 | 340.000 | 340.002 | Achieved |
| 789.226 | 449.225 | 449.225 | 81.481 | 130.000 | 340.000 | 340.000 | Achieved |
| 769.226 | 429.225 | 429.225 | 81.373 | 130.000 | 340.000 | 340.000 | Achieved |
| 759.225 | 419.225 | 419.225 | 81.320 | 130.000 | 340.000 | 340.000 | Achieved |
| 749.225 | 409.225 | 409.225 | 81.265 | 130.000 | 340.000 | 340.000 | Achieved |
| 739.225 | 399.225 | 399.225 | 81.212 | 130.000 | 340.000 | 340.000 | Achieved |
| 729.225 | 389.225 | 389.225 | 81.159 | 130.000 | 340.000 | 340.000 | Achieved |
| 719.225 | 379.225 | 379.225 | 81.095 | 130.000 | 340.000 | 340.000 | Achieved |
| 709.225 | 369.225 | 369.225 | 81.032 | 130.000 | 340.000 | 340.000 | Achieved |
| 699.225 | 359.225 | 359.225 | 80.968 | 130.000 | 340.000 | 340.000 | Achieved |
| 689.225 | 349.225 | 349.225 | 80.905 | 130.000 | 340.000 | 340.000 | Achieved |
| 679.225 | 339.225 | 339.225 | 80.841 | 130.000 | 340.000 | 340.000 | Achieved |
| 669.225 | 329.225 | 329.225 | 80.778 | 130.000 | 340.000 | 340.000 | Achieved |
| 659.225 | 319.225 | 319.225 | 80.714 | 130.000 | 340.000 | 340.000 | Achieved |
| 649.225 | 309.225 | 309.225 | 80.651 | 130.000 | 340.000 | 340.000 | Achieved |
| 639.225 | 299.225 | 299.225 | 80.587 | 130.000 | 340.000 | 340.000 | Achieved |
| 629.225 | 289.225 | 289.225 | 80.524 | 130.000 | 340.000 | 340.000 | Achieved |
| 619.225 | 279.225 | 279.225 | 80.460 | 130.000 | 340.000 | 340.000 | Achieved |
| 609.225 | 269.225 | 269.225 | 80.397 | 130.000 | 340.000 | 340.000 | Achieved |
| 599.225 | 259.225 | 259.225 | 80.333 | 130.000 | 340.000 | 340.000 | Achieved |
| 589.225 | 249.225 | 249.225 | 80.270 | 130.000 | 340.000 | 340.000 | Achieved |
| 579.225 | 239.225 | 239.225 | 80.206 | 130.000 | 340.000 | 340.000 | Achieved |
| 569.225 | 229.225 | 229.225 | 80.143 | 130.000 | 340.000 | 340.000 | Achieved |

| Eye Position | Actual End Position | Object Position | Eye Level | Design Speed | Required Distance | Achieved Distance | Status |
|--------------|---------------------|-----------------|-----------|--------------|-------------------|-------------------|----------|
| 559.225 | 219.225 | 219.225 | 80.079 | 130.000 | 340.000 | 340.000 | Achieved |
| 549.225 | 209.225 | 209.225 | 80.015 | 130.000 | 340.000 | 340.000 | Achieved |
| 539.225 | 199.225 | 199.225 | 79.952 | 130.000 | 340.000 | 340.000 | Achieved |
| 529.225 | 189.225 | 189.225 | 79.888 | 130.000 | 340.000 | 340.000 | Achieved |
| 519.225 | 179.225 | 179.225 | 79.825 | 130.000 | 340.000 | 340.000 | Achieved |
| 509.225 | 169.225 | 169.225 | 79.761 | 130.000 | 340.000 | 340.000 | Achieved |
| 499.225 | 159.225 | 159.225 | 79.698 | 130.000 | 340.000 | 340.000 | Achieved |
| 489.225 | 149.225 | 149.225 | 79.634 | 130.000 | 340.000 | 340.000 | Achieved |
| 479.225 | 139.225 | 139.225 | 79.571 | 130.000 | 340.000 | 340.000 | Achieved |
| 469.225 | 129.225 | 129.225 | 79.507 | 130.000 | 340.000 | 340.000 | Achieved |
| 459.225 | 119.225 | 119.225 | 79.444 | 130.000 | 340.000 | 340.000 | Achieved |
| 449.225 | 109.225 | 109.225 | 79.380 | 130.000 | 340.000 | 340.000 | Achieved |
| 439.225 | 99.225 | 99.225 | 79.317 | 130.000 | 340.000 | 340.000 | Achieved |
| 429.225 | 89.225 | 89.225 | 79.253 | 130.000 | 340.000 | 340.000 | Achieved |
| 419.225 | 79.225 | 79.225 | 79.190 | 130.000 | 340.000 | 340.000 | Achieved |
| 409.225 | 69.225 | 69.225 | 79.126 | 130.000 | 340.000 | 340.000 | Achieved |
| 399.225 | 59.225 | 59.225 | 79.063 | 130.000 | 340.000 | 340.000 | Achieved |
| 389.225 | 49.225 | 49.225 | 78.999 | 130.000 | 340.000 | 340.000 | Achieved |
| 379.225 | 39.225 | 39.225 | 78.936 | 130.000 | 340.000 | 340.000 | Achieved |
| 369.225 | 29.225 | 29.225 | 78.872 | 130.000 | 340.000 | 340.000 | Achieved |
| 359.225 | 19.225 | 19.225 | 78.809 | 130.000 | 340.000 | 340.000 | Achieved |
| 349.225 | 9.225 | 9.225 | 78.745 | 130.000 | 340.000 | 340.000 | Achieved |

| STAVKA | OZNAKA | OPIS RADOVA | JEDINICA MJERE | KOLIČINA |
|-------------------------------|--------------------------|---|----------------|----------|
| 1. PRIPREMNI RADOVI | | | | |
| 1.1. GEODETSKI RADOVI | | | | |
| 1.1.1. | 01.02.00100. | Geodetski radovi-trasa. Stavka obuhvaća iskolčenje trase i priključaka, održavanje točaka operativnog poligona i repera te sva geodetska mjerenja kojima se podaci iz projekta prenose na teren i obrnuto, osiguranje osi iskolčene trase, profiliranje, obnavljanje i održavanje iskolčenih oznaka na terenu u cijelom razdoblju od početka radova do predaje svih radova investitoru. Geodetski radovi obuhvaćaju i obnovu stalnih geodetskih točaka u području zahvata uključujući i sve potrebne radove za provedbu obnove sukladno zakonskoj regulativi. Obračun je po kilometru trase i priključaka u skladu s projektom. Izvedba, kontrola kakvoće i obračun prema OTU 1-02. | km | 9.5 |
| 1.2. ČIŠĆENJE TERENA | | | | |
| 1.2.1. | 01.03.00101. | Skidanje humusa - stavka obuhvaća iskop sloja humusa prosječne debljine 20 cm, odvoz na mjesto oporabe ili zbrinjavanja i sve troškove odlaganja. Obračun se vrši po m ² iskopanog humusa mjereno u sraslom stanju. | m ² | 323000 |
| 2. ZEMLJANI RADOVI | | | | |
| 2.1. ŠIROKI ISKOP | | | | |
| 2.1.1. | 02.02.00100.0 10.030. | Strojni široki iskop tla na trasi, u materijalu kategorije "C". Prema odredbama projekta s utovarom u prijevozno sredstvo. Rad se mjeri u kubičnim metrima stvarno iskopanog materijala, mjereno u sraslom stanju, a u jediničnu cijenu uračunati su svi radovi na iskopu materijala sa utovarom u prijevozna sredstva, radovi na uređenju i čišćenju pokosa od labilnih blokova i rastresitog materijala, planiranje iskopanih i susjednih površina. Izvedba, kontrola kakvoće i obračun prema OTU 2-02. | m ³ | 557000 |
| 2.2. IZRADA NASIPA | | | | |
| 2.2.1. | 02.09.00050.0 10.010. | Izrada podloge (uključuje nabavu materijala) zasipanjem i nabijanjem kvalitetnog sitnozrnatog kamenog materijala, debljine prema prilogu u projektu. Rad obuhvaća nabavu, prijevoz i ugradnju materijala do odgovarajuće zbijenosti. Obračun je po m ³ zbijene podloge. Izvedba, kontrola kakvoće i obračun prema OTU 2-09. | m ³ | 765000 |
| 2.3. IZRADA POSTELJICE | | | | |
| 2.3.1. | 02.10.00100.0 20.080. | Izrada posteljice od miješanih materijala, Sz≥100 %, Ms≥50 Mn/m ² . Strojna izrada posteljice od zemljanih ili miješanih materijala, završnog sloja usjeka ili nasipa, ujednačene nosivosti s grubim i finim planiranjem, eventualnom sanacijom pojedinih manjih površina slabijeg materijala i zbijanjem do tražene zbijenosti uz potrebno vlaženje ili sušenje. Izrada posteljice mora biti prema projektu, osobito obzirom na visinske kote, postignute nagibe i zbijenost materijala. Obračun je u četvornim metrima uređene i zbijene posteljice. U cijeni je uključen sav rad, materijal te prijevozi, potrebni za potpuno dovršenje uređene i zbijene posteljice, uključujući i ispitivanje i kontrolu kakvoće. Izvedba, kontrola kakvoće i obračun prema OTU 2-10, 2-10.1 i 2-10.2 | m ² | 230000 |
| 2.4. IZRADA BANKINA | | | | |
| 2.6.1. | 02.16.00100.2 10.072. | Izrada bankina od zrnatog kamenog materijala iz iskopa "C" kategorije širine 150 cm, debljine 42 cm. Bankina se izvodi na uredno izvedenoj i preuzetoj podlozi, veličine zrna 0-31,5 mm, širine i debljine u zbijenom stanju prema projektu, a ovisno o debljini kolničke konstrukcije. U cijenu je uključeno drobljenje materijala iz iskopa, utovar i prijevoz potrebnog materijala, razastiranje, grubo i fino planiranje, te zbijanje do tražene zbijenosti, debljine sloja i nagiba prema projektu i svi potrebni strojevi za dovršenje stavke. Obračun je u m ¹ izrađene bankine debljine i širine određene projektom. Izvedba, kontrola kakvoće i obračun prema OTU 2-16. i 2-16.1. | m | 11600 |
| 2.5. IZRADA BERME | | | | |
| 2.5.1. | 02.19.00100.0 80.072. | Izrada berme od zrnatog kamenog materijala iz iskopa "C" kategorije širine 75 cm, debljine 42 cm. Berma se izvodi na uredno izvedenoj i preuzetoj podlozi, veličine zrna 0-31,5 mm, širine i debljine u zbijenom stanju prema projektu, a ovisno o debljini kolničke konstrukcije. U cijenu je uključeno drobljenje materijala iz iskopa, utovar i prijevoz potrebnog materijala, razastiranje, grubo i fino planiranje, te zbijanje do tražene zbijenosti, debljine sloja i nagiba prema projektu i svi potrebni strojevi za dovršenje stavke. Obračun je u m ¹ izrađene berme debljine i širine određene projektom. Izvedba, kontrola kakvoće i obračun prema OTU 2-16. i 2-16.1. | m | 7350 |

| STAVKA | OZNAKA | OPIS RADOVA | JEDINICA MJERE | KOLIČINA |
|-------------|--------------------------|---|----------------|----------|
| 3. | | ODVODNJA | | |
| 3.1. | | POVRŠINSKO ODVODNJAVANJE | | |
| 3.1.1. | 03.01.00100.0 30.020. | Iskop odvodnih jaraka u sraslom ili nasutom tlu u materijalu kategorije "C", s razastiranjem. U cijeni je uključen strojni iskop, razastiranje ili utovar, te fino planiranje pokosa i dna jaraka na geometriju prema projektu, kao i u tu svrhu korištenje posebnog pribora i alata. Obračun je u kubičnim metrima stvarno iskopanog materijala, mjereno u sraslom stanju. Izvedba, kontrola kakvoće i obračun prema OTU 3-01., 3-01.1 i 3-01.1.1 | m ² | 29500 |
| 3.2. | | CESTOVNI PROPUSTI | | |
| 3.2.1. | 03.03.00202.0 30.015. | Izrada cijevnih propusta (s iskopom, podlogom i oblogom) od armirano betonske cijevi, DN 1000 mm. Stavka obuhvaća kompletan rad računajući iskop, izradu betonske podloge i obloge, zatrpavanje, nabavu cijevi, sve prijevoze i prijenose, rad na izradi, ugradnji i spajanju te sav ostali rad, opremu i materijal potreban za potpuno dovršenje stavke. Obračun po m1 ugrađene cijevi. Izvedba, kontrola kakvoće i obračun prema OTU 3-03. | m | 1060 |
| 3.2.2. | 03.03.00523.0 40.001. | Betoniranje kose glave propusta betonom klase C 25/30, za cijevne propuste. Podrazumijeva sav rad i materijal za izradu, prijevoz, obradu, njegu i zaštitu betona, izradu oplate za potpuno dovršenje kosih glava uljeva i izljeva propusta. Sve prema nacrtu u projektu. Obračun po m3 ugrađenog betona. Izvedba, kontrola kakvoće i obračun prema OTU 3-03.2. | m ³ | 190 |
| 3.2.3. | 03.03.00700.0 29.040. | Hidroizolacija propusta. Hidroizolacija vanjskih betonskih ploha koje su u dodiru sa zemljanim materijalom s dva vruća bitumenska premaza, zaštićena hidroizolacije čepastom folijom. Prema projektu, a u skladu s uputama proizvođača. Obračun je po m2 izvedene hidroizolacije. U jediničnu cijenu su uključeni nabava, doprema i priprema svih potrebnih gradiva i bitumenskih traka, čišćenje i priprema betonske podloge, nanošenje svih premaza i ostalih slojeva hidroizolacije uključivo i zaštitni sloj. Izvedba, kontrola kakvoće i obračun prema OTU 3-05.3.3., 3-05.3.4., 7-01.9. | m ² | 17600 |
| 3.3. | | CESTOVNA KANALIZACIJA | | |
| 3.3.1. | 03.04.00090.0 30.012. | Strojni iskop rova za kanalizaciju bez razupiranja. Zatrpavanje rova i prijevoz materijala se obračunavaju posebno. Iskop rova je u materijalu kategorije "C", dubine do 2,5 m. Iskop se vrši prema nacrtima iz projekta, projektirane širine. Jedinična cijena obuhvaća iskop rova, utovar u prijevozno sredstvo, pomoćne radove (crpljenje vode) poravnanje dna, eventualno potrebnu sanaciju dna iskopa i čišćenje terena u pojasu rova. Obračun po m3 stvarno iskopanog rova u sraslom tlu. Izvedba, kontrola kakvoće i obračun prema OTU 2-05 i 3-04.1 | m ³ | 7000 |
| 3.3.2. | 03.04.00200.0 35. | Izrada podložnog sloja od pijeska prosječne debljine 10 cm. Izvedba podloge od pijeska u jednom sloju ili dva sloja, na cijeloj širini dna, za polaganje cestovne kanalizacije, koja mora biti isplanirana i sabijena prema zahtjevima iz projekta. Obračun je po m3 ugrađenog pijeska podloge projektiranih dimenzija, a u cijeni je uključena izrada posteljice s eventualnim mjestimičnim sanacijama dna iskopa; nabava pijeska za podložni sloj i ostalog materijala (podlošci, jahači ili drugi umeci), utovar, svi prijevozi i prijenosi, istovar, ugradnja u jednom ili dva sloja, razastiranje i nabijanje na projektirane nagibe i mjere kao i sav pomoćni pribor, materijal i rad koji se koristi za osiguranje položaja cijevi. Izvedba, kontrola kakvoće i obračun prema OTU 3-04.2 i 3-04.2.1. | m ³ | 294 |
| 3.3.3. | 07.08.00300.0 20.003. | Postavljanje zatvorenog sustava odvodnje ugradnjom kanalizacijskih cijevi od PEHD-a, promjera DN 100 mm. Prema nacrtima, detaljima i uvjetima iz projekta i prema uputama proizvođača. Obračun je po m1 ugrađenih cijevi. U jediničnu cijenu su uključeni nabava i prijevoz cijevi, cijevnih, spojnih i dilatacijskih elemenata na gradilište, postavljanje i pričvršćivanje cijevi, postavljanje potrebnih cijevnih, spojnih i dilatacijskih elemenata, te sav drugi potrebni rad i materijal. U jediničnu cijenu je uključeno i ispitivanje vodonepropusnosti zatvorenog sustava odvodnje. Izvedba, kontrola kakvoće i obračun prema OTU 7-01.8. | m | 9500 |

| STAVKA | OZNAKA | OPIS RADOVA | JEDINICA MJERE | KOLIČINA |
|------------------------------------|--------------------------|--|----------------|----------|
| 3.3.4. | 03.04.00422.0 20.025. | Revizijsko PEHD okno od gotovih elemenata (uključivo iskop) Ø 1000 mm, s poklopcem nosivosti 250 kN; ulazno okno . Stavka obuhvaća iskop materijala uz svu potrebnu zaštitu stabilnosti jame (razupiranje, crpljenje vode, zbijanje), odlaganje iskopanog materijala, razastiranje, utovar i odvoz viška materijala na odlagalište te zatrpavanje materijalom iz iskopa. Podrazumijeva i sav prijevoz i rad na izradi podloge i obloge, izradu i dopremu te montažu okna, svih njegovih sastavnih dijelova, materijala i pribora, ugradnju okvira i poklopca, stupaljki sa zaštitom od pada, antikorozivnu zaštitu bravarske opreme, izvedbu kinete, spojeva sa cijevi te sav rad i materijal na postizanju i ispitivanju vodonepropusnosti. Obračun po komadu potpuno izvedenog okna. | kom | 92 |
| 733.3.5. | 03.04.00542.0 30.020. | Ugradnja PEHD slivnika (uključivo iskop), DN 500 mm s poklopcem nosivosti 250 kN. . Stavka obuhvaća iskop materijala uz svu potrebnu zaštitu stabilnosti jame (razupiranje, crpljenje vode, zbijanje), odlaganje iskopanog materijala, razastiranje, utovar i odvoz viška materijala na odlagalište te zatrpavanje materijalom iz iskopa. Podrazumijeva i sav prijevoz i rad na izradi podloge i obloge, izradu i dopremu te montažu slivnika, svih njegovih sastavnih dijelova, materijala i pribora, ugradnju okvira i slivne rešetke, antikorozivnu zaštitu bravarske opreme, izvedbu spojeva sa cijevi te sav rad i materijal na postizanju i ispitivanju vodonepropusnosti. Obračun po komadu potpuno izvedenog slivnika. | kom | 173 |
| 4. NOSIVI SLOJEVI | | | | |
| 4.1. | 05.01.00100.0 20.050. | Izrada nosivog sloja ($M_s \geq 100$ MN/m ²) od prirodnog kamenog materijala, najvećeg zrna 63 mm , debljine 30 cm. U cijenu je uključena dobava materijala, utovar, prijevoz, i ugradnja (strojno razastiranje, planiranje i zbijanje do traženog modula stišljivosti ili stupnja zbijenosti) na uređenu i preuzetu podlogu. Obračun je po m ³ ugrađenog materijala u zbijenom stanju. Izvedba, kontrola kakvoće i obračun prema OTU 5-01. | m ³ | 100700 |
| 4.2. | 05.02.00100.0 20.050. | Izrada nosivog sloja od cementom stabiliziranog prirodnog kamenog materijala, tip B (krupnoće zrna od 31,5 do 50 mm), debljine 20 cm, tlačne čvrstoće nakon 28 dana od 3,0 do 6,0 MN/m ² . U cijenu je uključena nabava prethodno proizvedene stabilizacijske mješavine, utovar, prijevoz i ugradnja (strojno razastiranje, planiranje i zbijanje do traženog stupnja zbijenosti). Obračun je po m ² ugrađenog sloja. Izvedba, kontrola kakvoće i obračun prema OTU 5-02. | m ³ | 35000 |
| 4.3. | 05.04.02100. 180.080. | Izrada nosivog sloja (vrlo teško prometno opterećenje) AC 32 base 45/80-65 AG6 M1, debljine 8,0 cm. U cijeni su sadržani svi troškovi nabave materijala, proizvodnje i ugradnje asfaltne mješavine, prijevoz, oprema i sve ostalo potrebno za potpuno izvođenje radova. Obračun je po m ² gornje površine stvarno položenog i ugrađenog nosivog sloja. Izvedba i kontrola kakvoće prema (HRN EN 13108-1) i tehničkim svojstvima i zahtjevima za građevne proizvode za proizvodnju asfaltnih mješavina i za asfaltne slojeve kolnika. | m ³ | 16000 |
| 5. ASFALтни KOLNIČKI ZASTOR | | | | |
| 5.1. | 06.02.00200. 060.090. | Izrada veznog sloja AC 22 bin 45/80-65 AG6 M1, debljine 6,0 cm. U cijeni su sadržani svi troškovi nabave materijala, proizvodnje i ugradnje asfaltne mješavine, prijevoz, oprema i sve ostalo što je potrebno za potpuno izvođenje radova. Obračun je po m ² gornje površine stvarno položenog i ugrađenog veznog sloja sukladno projektu. Izvedba i kontrola kakvoće prema (HRN EN 13108-1) i tehničkim svojstvima i zahtjevima za građevne proizvode za proizvodnju asfaltnih mješavina i za asfaltne slojeve kolnika. | m ³ | 9600 |
| 5.2. | 06.03.00500. 490.070. | Izrada habajućeg sloja (srednje prometno opterećenje) AC 11 surf 45/80-65 AG1 M1, debljine 4,0 cm. U cijeni su sadržani svi troškovi nabave materijala, proizvodnje i ugradnje asfaltne mješavine, prijevoz, oprema i sve ostalo što je potrebno za potpuno izvođenje radova. Obračun je po m ² gornje površine stvarno položenog i ugrađenog habajućeg sloja od asfaltbetona sukladno projektu. Izvedba i kontrola kakvoće prema (HRN EN 13108-1) i tehničkim svojstvima i zahtjevima za građevne proizvode za proizvodnju asfaltnih mješavina i za asfaltne slojeve kolnika. | m ³ | 10200 |
| 6. ZAŠTITNE OGRADE | | | | |
| 6.1. | 09.04.00060. 030.030 | Postavljanje čelične zaštitne ograde (EN ISO 1317)-na trasi, jednostrane distantne ograde (JDO), klase H2. Čelična zaštitna ograda postavlja se prema projektu prometne opreme i signalizacije, a u skladu s važećim Pravilnikom o prometnim znakovima, opremi i signalizaciji na cestama i važećim hrvatskim normama koje reguliraju to područje. Jedinična cijena sadrži nabavu svih sastavnih elemenata ograde zaštićenih protiv korozije toplim pocinčavanjem (EN ISO 1461), sve prijenose i prijevoze te sav rad i materijal potreban za ugradnju po uvjetima iz projekta. Stupovi se ugrađuju zabijanjem u tlo do potrebne dubine. Obračun je po m1 postavljene ograde. Izvedba, kontrola kakvoće i obračun prema OTU 9-04. i 9-04.1. | m | 19000 |

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| 6.2. | 09.04.00060. 040.030 | Postavljanje čelične zaštitne ograde (EN ISO 1317)-na trasi, dvostrane distantne ograde (DDO), klase H2. Čelična zaštitna ograda postavlja se prema projektu prometne opreme i signalizacije, a u skladu s važećim Pravilnikom o prometnim znakovima, opremi i signalizaciji na cestama i važećim hrvatskim normama koje reguliraju to područje. Jedinična cijena sadrži nabavu svih sastavnih elemenata ograde zaštićenih protiv korozije toplim pocinčavanjem (EN ISO 1461), sve prijenose i prijevoze te sav rad i materijal potreban za ugradnju po uvjetima iz projekta. Stupovi se ugrađuju zabijanjem u tlo do potrebne dubine. Obračun je po m1 postavljene ograde. Izvedba, kontrola kakvoće i obračun prema OTU 9-04. i 9-04.1. | m | 9500 |
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| STAVKA | OZNAKA | OPIS RADOVA | JEDINICA MJERE | KOLIČINA |
|-------------------------------|--------------------------|---|----------------|----------|
| 1. PRIPREMNI RADOVI | | | | |
| 1.1. GEODETSKI RADOVI | | | | |
| 1.1.1. | 01.02.00100. | Geodetski radovi-trasa. Stavka obuhvaća iskolčenje trase i priključaka, održavanje točaka operativnog poligona i repera te sva geodetska mjerenja kojima se podaci iz projekta prenose na teren i obrnuto, osiguranje osi iskolčene trase, profiliranje, obnavljanje i održavanje iskolčenih oznaka na terenu u cijelom razdoblju od početka radova do predaje svih radova investitoru. Geodetski radovi obuhvaćaju i obnovu stalnih geodetskih točaka u području zahvata uključujući i sve potrebne radove za provedbu obnove sukladno zakonskoj regulativi. Obračun je po kilometru trase i priključaka u skladu s projektom. Izvedba, kontrola kakvoće i obračun prema OTU 1-02. | km | 9.3 |
| 1.2. ČIŠĆENJE TERENA | | | | |
| 1.2.1. | 01.03.00101. | Skidanje humusa - stavka obuhvaća iskop sloja humusa prosječne debljine 20 cm, odvoz na mjesto oporabe ili zbrinjavanja i sve troškove odlaganja. Obračun se vrši po m ² iskopanog humusa mjereno u sraslom stanju. | m ² | 390500 |
| 2. ZEMLJANI RADOVI | | | | |
| 2.1. ŠIROKI ISKOP | | | | |
| 2.1.1. | 02.02.00100.0 10.030. | Strojni široki iskop tla na trasi, u materijalu kategorije "C". Prema odredbama projekta s utovarom u prijevozno sredstvo. Rad se mjeri u kubičnim metrima stvarno iskopanog materijala, mjereno u sraslom stanju, a u jediničnu cijenu uračunati su svi radovi na iskopu materijala sa utovarom u prijevozna sredstva, radovi na uređenju i čišćenju pokosa od labilnih blokova i rastresitog materijala, planiranje iskopanih i susjednih površina. Izvedba, kontrola kakvoće i obračun prema OTU 2-02. | m ³ | 367000 |
| 2.2. IZRADA NASIPA | | | | |
| 2.2.1. | 02.09.00050.0 10.010. | Izrada podloge (uključuje nabavu materijala) zasipanjem i nabijanjem kvalitetnog sitnozrnatog kamenog materijala, debljine prema prilogu u projektu. Rad obuhvaća nabavu, prijevoz i ugradnju materijala do odgovarajuće zbijenosti. Obračun je po m ³ zbijene podloge. Izvedba, kontrola kakvoće i obračun prema OTU 2-09. | m ³ | 1083000 |
| 2.3. IZRADA POSTELJICE | | | | |
| 2.3.1. | 02.10.00100.0 20.080. | Izrada posteljice od miješanih materijala, Sz≥100 %, Ms≥50 Mn/m ² . Strojna izrada posteljice od zemljanih ili miješanih materijala, završnog sloja usjeka ili nasipa, ujednačene nosivosti s grubim i finim planiranjem, eventualnom sanacijom pojedinih manjih površina slabijeg materijala i zbijanjem do tražene zbijenosti uz potrebno vlaženje ili sušenje. Izrada posteljice mora biti prema projektu, osobito obzirom na visinske kote, postignute nagibe i zbijenost materijala. Obračun je u četvornim metrima uređene i zbijene posteljice. U cijeni je uključen sav rad, materijal te prijevozi, potrebni za potpuno dovršenje uređene i zbijene posteljice, uključujući i ispitivanje i kontrolu kakvoće. Izvedba, kontrola kakvoće i obračun prema OTU 2-10, 2-10.1 i 2-10.2 | m ² | 225000 |
| 2.4. IZRADA BANKINA | | | | |
| 2.6.1. | 02.16.00100.2 10.072. | Izrada bankina od zrnatog kamenog materijala iz iskopa "C" kategorije širine 150 cm, debljine 42 cm. Bankina se izvodi na uredno izvedenoj i preuzetoj podlozi, veličine zrna 0-31,5 mm, širine i debljine u zbijenom stanju prema projektu, a ovisno o debljini kolničke konstrukcije. U cijenu je uključeno drobljenje materijala iz iskopa, utovar i prijevoz potrebnog materijala, razastiranje, grubo i fino planiranje, te zbijanje do tražene zbijenosti, debljine sloja i nagiba prema projektu i svi potrebni strojevi za dovršenje stavke. Obračun je u m ¹ izrađene bankine debljine i širine određene projektom. Izvedba, kontrola kakvoće i obračun prema OTU 2-16. i 2-16.1. | m | 13300 |
| 2.5. IZRADA BERME | | | | |
| 2.5.1. | 02.19.00100.0 80.072. | Izrada berme od zrnatog kamenog materijala iz iskopa "C" kategorije širine 75 cm, debljine 42 cm. Berma se izvodi na uredno izvedenoj i preuzetoj podlozi, veličine zrna 0-31,5 mm, širine i debljine u zbijenom stanju prema projektu, a ovisno o debljini kolničke konstrukcije. U cijenu je uključeno drobljenje materijala iz iskopa, utovar i prijevoz potrebnog materijala, razastiranje, grubo i fino planiranje, te zbijanje do tražene zbijenosti, debljine sloja i nagiba prema projektu i svi potrebni strojevi za dovršenje stavke. Obračun je u m ¹ izrađene berme debljine i širine određene projektom. Izvedba, kontrola kakvoće i obračun prema OTU 2-16. i 2-16.1. | m | 5200 |

| STAVKA | OZNAKA | OPIS RADOVA | JEDINICA MJERE | KOLIČINA |
|-------------|--------------------------|---|----------------|----------|
| 3. | | ODVODNJA | | |
| 3.1. | | POVRŠINSKO ODVODNJAVANJE | | |
| 3.1.1. | 03.01.00100.0 30.020. | Iskop odvodnih jaraka u sraslom ili nasutom tlu u materijalu kategorije "C", s razastiranjem. U cijeni je uključen strojni iskop, razastiranje ili utovar, te fino planiranje pokosa i dna jaraka na geometriju prema projektu, kao i u tu svrhu korištenje posebnog pribora i alata. Obračun je u kubičnim metrima stvarno iskopanog materijala, mjereno u sraslom stanju. Izvedba, kontrola kakvoće i obračun prema OTU 3-01., 3-01.1 i 3-01.1.1 | m ² | 29000 |
| 3.2. | | CESTOVNI PROPUSTI | | |
| 3.2.1. | 03.03.00202.0 30.015. | Izrada cijevnih propusta (s iskopom, podlogom i oblogom) od armirano betonske cijevi, DN 1000 mm. Stavka obuhvaća kompletan rad računajući iskop, izradu betonske podloge i obloge, zatrpavanje, nabavu cijevi, sve prijevoze i prijenose, rad na izradi, ugradnji i spajanju te sav ostali rad, opremu i materijal potreban za potpuno dovršenje stavke. Obračun po m1 ugrađene cijevi. Izvedba, kontrola kakvoće i obračun prema OTU 3-03. | m | 1134 |
| 3.2.2. | 03.03.00523.0 40.001. | Betoniranje kose glave propusta betonom klase C 25/30, za cijevne propuste. Podrazumijeva sav rad i materijal za izradu, prijevoz, obradu, njegu i zaštitu betona, izradu oplate za potpuno dovršenje kosih glava uljeva i izljeva propusta. Sve prema nacrtu u projektu. Obračun po m3 ugrađenog betona. Izvedba, kontrola kakvoće i obračun prema OTU 3-03.2. | m ³ | 160 |
| 3.2.3. | 03.03.00700.0 29.040. | Hidroizolacija propusta. Hidroizolacija vanjskih betonskih ploha koje su u dodiru sa zemljanim materijalom s dva vruća bitumenska premaza, zaštićena hidroizolacije čepastom folijom. Prema projektu, a u skladu s uputama proizvođača. Obračun je po m2 izvedene hidroizolacije. U jediničnu cijenu su uključeni nabava, doprema i priprema svih potrebnih gradiva i bitumenskih traka, čišćenje i priprema betonske podloge, nanošenje svih premaza i ostalih slojeva hidroizolacije uključivo i zaštitni sloj. Izvedba, kontrola kakvoće i obračun prema OTU 3-05.3.3., 3-05.3.4., 7-01.9. | m ² | 18900 |
| 3.3. | | CESTOVNA KANALIZACIJA | | |
| 3.3.1. | 03.04.00090.0 30.012. | Strojni iskop rova za kanalizaciju bez razupiranja. Zatrpavanje rova i prijevoz materijala se obračunavaju posebno. Iskop rova je u materijalu kategorije "C", dubine do 2,5 m. Iskop se vrši prema nacrtima iz projekta, projektirane širine. Jedinična cijena obuhvaća iskop rova, utovar u prijevozno sredstvo, pomoćne radove (crpljenje vode) poravnanje dna, eventualno potrebnu sanaciju dna iskopa i čišćenje terena u pojasu rova. Obračun po m3 stvarno iskopanog rova u sraslom tlu. Izvedba, kontrola kakvoće i obračun prema OTU 2-05 i 3-04.1 | m ³ | 5000 |
| 3.3.2. | 03.04.00200.0 35. | Izrada podložnog sloja od pijeska prosječne debljine 10 cm. Izvedba podloge od pijeska u jednom sloju ili dva sloja, na cijeloj širini dna, za polaganje cestovne kanalizacije, koja mora biti isplanirana i sabijena prema zahtjevima iz projekta. Obračun je po m3 ugrađenog pijeska podloge projektiranih dimenzija, a u cijeni je uključena izrada posteljice s eventualnim mjestimičnim sanacijama dna iskopa; nabava pijeska za podložni sloj i ostalog materijala (podlošci, jahači ili drugi umeci), utovar, svi prijevozi i prijenosi, istovar, ugradnja u jednom ili dva sloja, razastiranje i nabijanje na projektirane nagibe i mjere kao i sav pomoćni pribor, materijal i rad koji se koristi za osiguranje položaja cijevi. Izvedba, kontrola kakvoće i obračun prema OTU 3-04.2 i 3-04.2.1. | m ³ | 208 |
| 3.3.3. | 07.08.00300.0 20.003. | Postavljanje zatvorenog sustava odvodnje ugradnjom kanalizacijskih cijevi od PEHD-a, promjera DN 100 mm. Prema nacrtima, detaljima i uvjetima iz projekta i prema uputama proizvođača. Obračun je po m1 ugrađenih cijevi. U jediničnu cijenu su uključeni nabava i prijevoz cijevi, cijevnih, spojnih i dilatacijskih elemenata na gradilište, postavljanje i pričvršćivanje cijevi, postavljanje potrebnih cijevnih, spojnih i dilatacijskih elemenata, te sav drugi potrebni rad i materijal. U jediničnu cijenu je uključeno i ispitivanje vodonepropusnosti zatvorenog sustava odvodnje. Izvedba, kontrola kakvoće i obračun prema OTU 7-01.8. | m | 9300 |

| STAVKA | OZNAKA | OPIS RADOVA | JEDINICA MJERE | KOLIČINA |
|------------------------------------|--------------------------|--|----------------|----------|
| 3.3.4. | 03.04.00422.0 20.025. | Revizijsko PEHD okno od gotovih elemenata (uključivo iskop) Ø 1000 mm, s poklopcem nosivosti 250 kN; ulazno okno . Stavka obuhvaća iskop materijala uz svu potrebnu zaštitu stabilnosti jame (razupiranje, crpljenje vode, zbijanje), odlaganje iskopanog materijala, razastiranje, utovar i odvoz viška materijala na odlagalište te zatrpavanje materijalom iz iskopa. Podrazumijeva i sav prijevoz i rad na izradi podloge i obloge, izradu i dopremu te montažu okna, svih njegovih sastavnih dijelova, materijala i pribora, ugradnju okvira i poklopca, stupaljki sa zaštitom od pada, antikorozivnu zaštitu bravarske opreme, izvedbu kinete, spojeva sa cijevi te sav rad i materijal na postizanju i ispitivanju vodonepropusnosti. Obračun po komadu potpuno izvedenog okna. | kom | 64 |
| 733.3.5. | 03.04.00542.0 30.020. | Ugradnja PEHD slivnika (uključivo iskop), DN 500 mm s poklopcem nosivosti 250 kN. Stavka obuhvaća iskop materijala uz svu potrebnu zaštitu stabilnosti jame (razupiranje, crpljenje vode, zbijanje), odlaganje iskopanog materijala, razastiranje, utovar i odvoz viška materijala na odlagalište te zatrpavanje materijalom iz iskopa. Podrazumijeva i sav prijevoz i rad na izradi podloge i obloge, izradu i dopremu te montažu slivnika, svih njegovih sastavnih dijelova, materijala i pribora, ugradnju okvira i slivne rešetke, antikorozivnu zaštitu bravarske opreme, izvedbu spojeva sa cijevi te sav rad i materijal na postizanju i ispitivanju vodonepropusnosti. Obračun po komadu potpuno izvedenog slivnika. | kom | 125 |
| 4. NOSIVI SLOJEVI | | | | |
| 4.1. | 05.01.00100.0 20.050. | Izrada nosivog sloja ($M_s \geq 100$ MN/m ²) od prirodnog kamenog materijala, najvećeg zrna 63 mm, debljine 30 cm. U cijenu je uključena dobava materijala, utovar, prijevoz, i ugradnja (strojno razastiranje, planiranje i zbijanje do traženog modula stišljivosti ili stupnja zbijenosti) na uređenu i preuzetu podlogu. Obračun je po m ³ ugrađenog materijala u zbijenom stanju. Izvedba, kontrola kakvoće i obračun prema OTU 5-01. | m ³ | 98000 |
| 4.2. | 05.02.00100.0 20.050. | Izrada nosivog sloja od cementom stabiliziranog prirodnog kamenog materijala, tip B (krupnoće zrna od 31,5 do 50 mm), debljine 20 cm, tlačne čvrstoće nakon 28 dana od 3,0 do 6,0 MN/m ² . U cijenu je uključena nabava prethodno proizvedene stabilizacijske mješavine, utovar, prijevoz i ugradnja (strojno razastiranje, planiranje i zbijanje do traženog stupnja zbijenosti). Obračun je po m ² ugrađenog sloja. Izvedba, kontrola kakvoće i obračun prema OTU 5-02. | m ³ | 34000 |
| 4.3. | 05.04.02100. 180.080. | Izrada nosivog sloja (vrlo teško prometno opterećenje) AC 32 base 45/80-65 AG6 M1, debljine 8,0 cm. U cijeni su sadržani svi troškovi nabave materijala, proizvodnje i ugradnje asfaltne mješavine, prijevoz, oprema i sve ostalo potrebno za potpuno izvođenje radova. Obračun je po m ² gornje površine stvarno položenog i ugrađenog nosivog sloja. Izvedba i kontrola kakvoće prema (HRN EN 13108-1) i tehničkim svojstvima i zahtjevima za građevne proizvode za proizvodnju asfaltnih mješavina i za asfaltne slojeve kolnika. | m ³ | 15600 |
| 5. ASFALтни KOLNIČKI ZASTOR | | | | |
| 5.1. | 06.02.00200. 060.090. | Izrada veznog sloja AC 22 bin 45/80-65 AG6 M1, debljine 6,0 cm. U cijeni su sadržani svi troškovi nabave materijala, proizvodnje i ugradnje asfaltne mješavine, prijevoz, oprema i sve ostalo što je potrebno za potpuno izvođenje radova. Obračun je po m ² gornje površine stvarno položenog i ugrađenog veznog sloja sukladno projektu. Izvedba i kontrola kakvoće prema (HRN EN 13108-1) i tehničkim svojstvima i zahtjevima za građevne proizvode za proizvodnju asfaltnih mješavina i za asfaltne slojeve kolnika. | m ³ | 9400 |
| 5.2. | 06.03.00500. 490.070. | Izrada habajućeg sloja (srednje prometno opterećenje) AC 11 surf 45/80-65 AG1 M1, debljine 4,0 cm. U cijeni su sadržani svi troškovi nabave materijala, proizvodnje i ugradnje asfaltne mješavine, prijevoz, oprema i sve ostalo što je potrebno za potpuno izvođenje radova. Obračun je po m ² gornje površine stvarno položenog i ugrađenog habajućeg sloja od asfaltbetona sukladno projektu. Izvedba i kontrola kakvoće prema (HRN EN 13108-1) i tehničkim svojstvima i zahtjevima za građevne proizvode za proizvodnju asfaltnih mješavina i za asfaltne slojeve kolnika. | m ³ | 9900 |
| 6. ZAŠTITNE OGRADE | | | | |
| 6.1. | 09.04.00060. 030.030 | Postavljanje čelične zaštitne ograde (EN ISO 1317)-na trasi, jednostrane distantne ograde (JDO), klase H2. Čelična zaštitna ograda postavlja se prema projektu prometne opreme i signalizacije, a u skladu s važećim Pravilnikom o prometnim znakovima, opremi i signalizaciji na cestama i važećim hrvatskim normama koje reguliraju to područje. Jedinica cijena sadrži nabavu svih sastavnih elemenata ograde zaštićenih protiv korozije toplim pocinčavanjem (EN ISO 1461), sve prijenose i prijevoze te sav rad i materijal potreban za ugradnju po uvjetima iz projekta. Stupovi se ugrađuju zabijanjem u tlo do potrebne dubine. Obračun je po m1 postavljene ograde. Izvedba, kontrola kakvoće i obračun prema OTU 9-04. i 9-04.1. | m | 18600 |

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| 6.2. | 09.04.00060. 040.030 | Postavljanje čelične zaštitne ograde (EN ISO 1317)-na trasi, dvostrane distantne ograde (DDO), klase H2. Čelična zaštitna ograda postavlja se prema projektu prometne opreme i signalizacije, a u skladu s važećim Pravilnikom o prometnim znakovima, opremi i signalizaciji na cestama i važećim hrvatskim normama koje reguliraju to područje. Jedinična cijena sadrži nabavu svih sastavnih elemenata ograde zaštićenih protiv korozije toplim pocinčavanjem (EN ISO 1461), sve prijenose i prijevoze te sav rad i materijal potreban za ugradnju po uvjetima iz projekta. Stupovi se ugrađuju zabijanjem u tlo do potrebne dubine. Obračun je po m1 postavljene ograde. Izvedba, kontrola kakvoće i obračun prema OTU 9-04. i 9-04.1. | m | 9300 |
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