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les ingénieurs.

Projet d'ouvrage

Plan n°
**21VD037-32-01D**

## Commune de Grandson

Secteur A - Lieu-dit "Froideville"

Construction nouveau réseau d'eau potable



Infrastructures

Eau potable

Situation, profil en long et coupe type

Echelles 1:500 - 1:500/100 - 1:25

| Version | Date | Prod. | CP | Appr. | Format |
|---|---|---|---|---|---|
| base | 28.06.2023 | BG | LOS | JMT | 84 x 59.4 |
| C | 10.06.2025 | BG | LOS | JMT | 105 x 59.4 |
| D | 13.01.2026 | BG | LOS | JMT | 105 x 59.4 |


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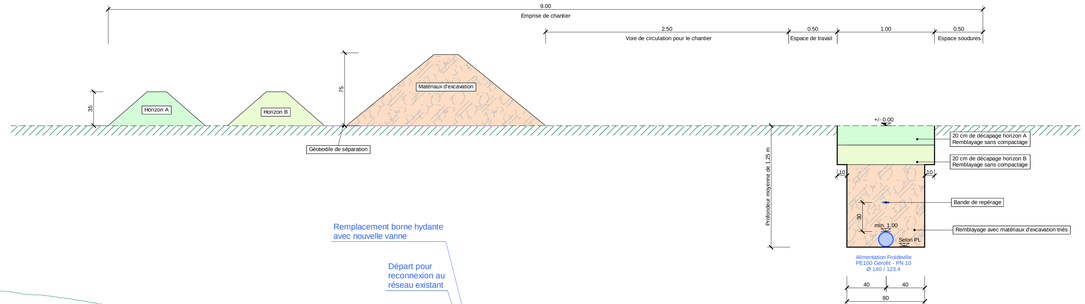



# Légende

## Projet

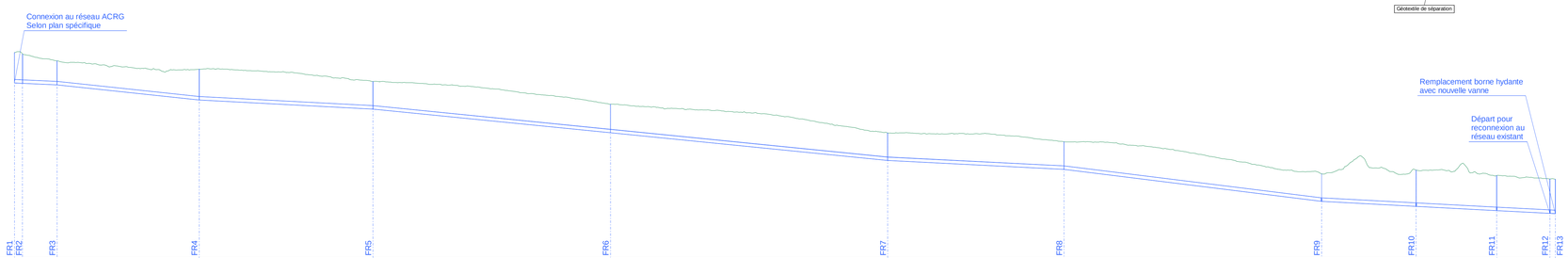
- Eau potable - Conduite Grandson
- Eau potable - Conduite ACRG
- Eau potable - Chambre de connexion
- Eau potable - Vanne de secteur et borne hydrante
- Emprise du chantier

Coupe type - 1 : 25




Profil en long
Secteur A
Echelle : 1:500/100

Horizon : 503.00




| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Terrain | 512.01<br>511.94 | 511.65 | 511.28 | 510.74 | 509.75 | 508.50 | 508.11 | 506.71 | 506.87 | 506.64 | 506.49 | |
| Altitudes fil d'eau | 510.69<br>510.67 | 510.60 | 509.94 | 509.54 | 508.51 | 507.30 | 506.91 | 505.51 | 505.29 | 505.11 | 504.99<br>504.97 | |
| Profondeurs | 1.32m<br>1.27m | 1.05m | 1.34m | 1.20m | 1.24m | 1.20m | 1.20m | 1.20m | 1.58m | 1.53m | 1.50m<br>1.50m | |
| Distances intermédiaires et totale | 0.00m<br>1.76m | 7.56m<br>9.32m | 31.08m<br>40.40m | 37.98m<br>78.38m | 51.94m<br>130.32m | 60.58m<br>190.90m | 38.53m<br>229.43m | 56.30m<br>285.73m | 20.69m<br>306.42m | 17.62m<br>324.04m | 11.64m<br>335.67m<br>336.85m | |
| Types de conduites | PE Gerofit Ø 140 / 123.4 - PN 10 | | | | | | | | | | | |
| Pentes (‰) | -1.0% | -2.1% | -1.0% | -2.0% | | -1.0% | -2.5% | -1.0% | | | | |

Projet d'ouvrage

Plan n°
**21VD037-32-02D**

## Commune de Grandson
Secteur B - Quartier "Perraudettaz"
Construction nouveau réseau d'eau potable



Infrastructures
Eau potable
Situation, profil en long et coupes
Echelles 1:500 - 1:500/100 - 1:25

| Version | Date | Prod. | CP | Appr. | Format |
|---|---|---|---|---|---|
| base | 28.06.2023 | BG | LOS | JMT | 105 x 89.1 |
| C | 20.09.2024 | BG | LOS | JMT | 105 x 89.1 |
| D | 13.02.2026 | BG | LOS | JMT | 105 x 89.1 |


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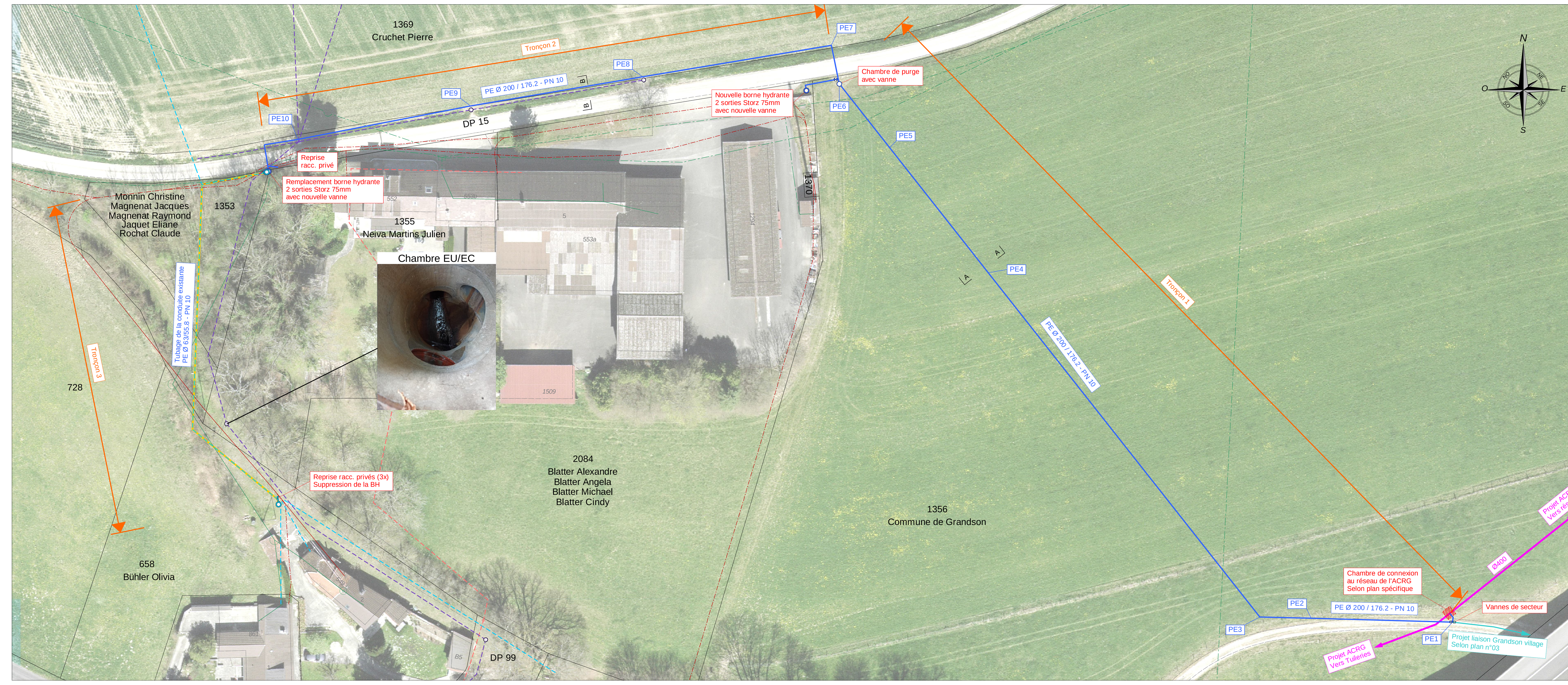
# Légende

## Existant

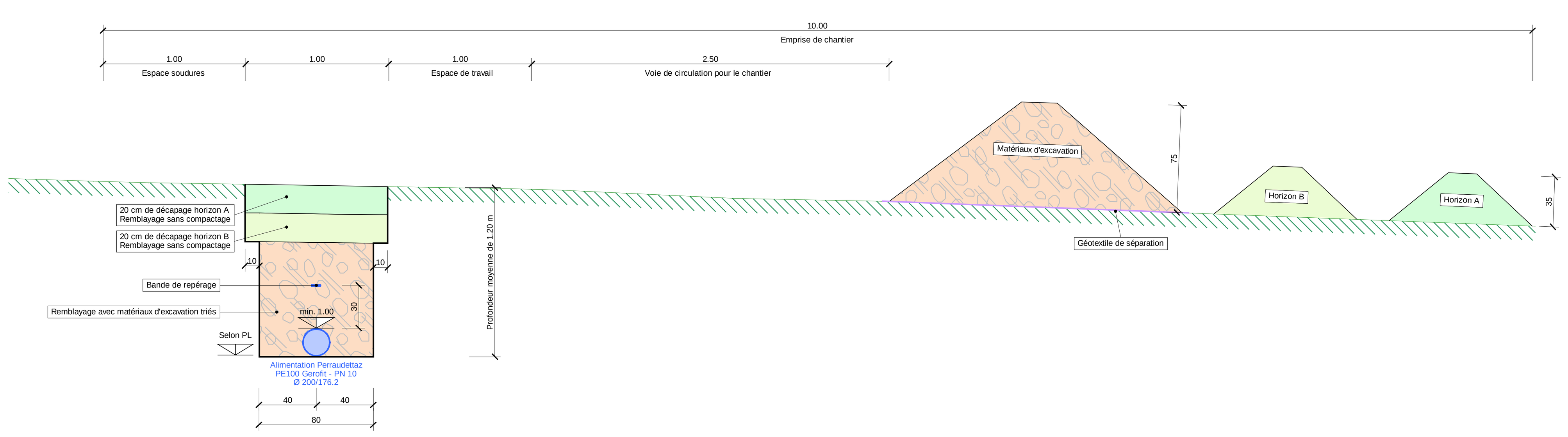
- Eau potable - Conduite, BH, vanne de secteur et vanne privée
- Eaux claires
- Swisscom
- Electricité

## Projet

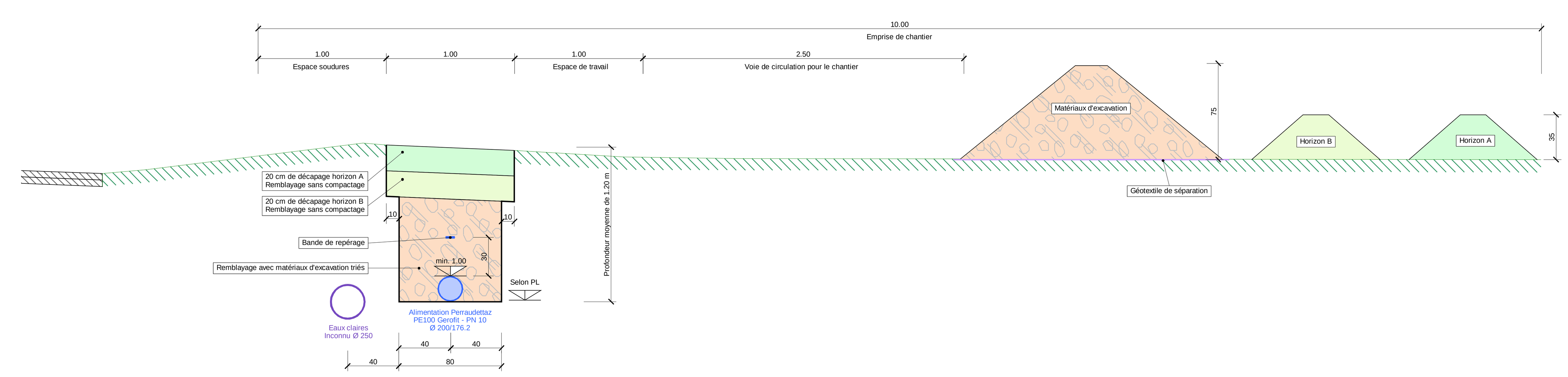
- Eau potable - Conduite projetée ACRG
- Eau potable - Conduite projetée Grandson
- Eau potable - Conduite à tuber Grandson
- Eau potable - Chambre de connexion
- Eau potable - BH, vanne de secteur et ch. de purge




Coupe A - A - 1 : 25

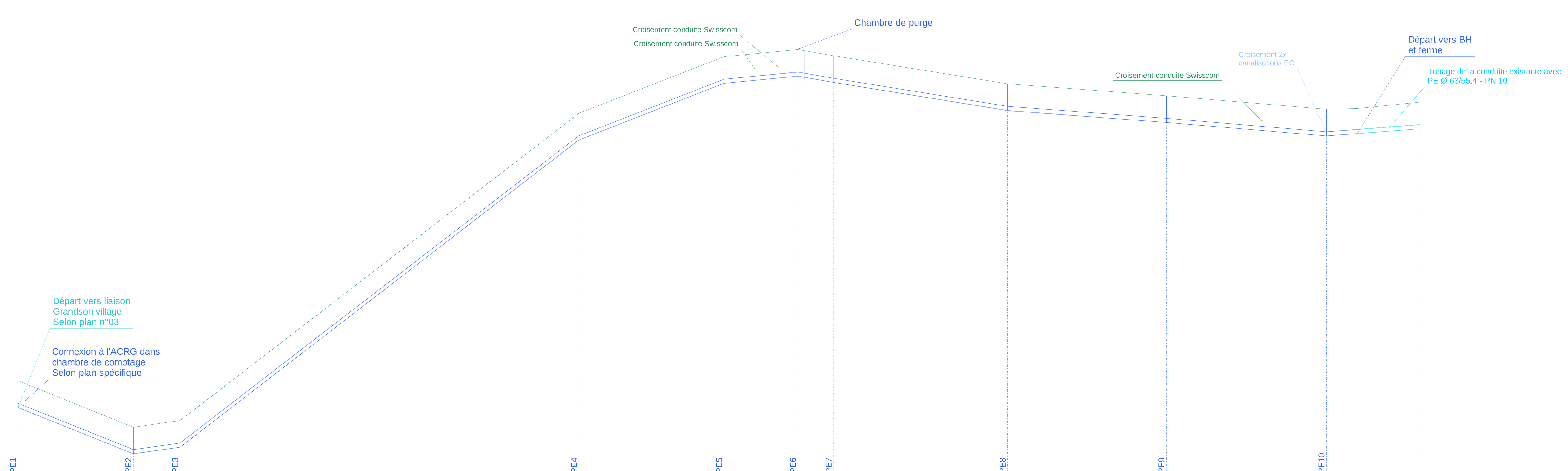



Coupe B - B - 1 : 25




Profil en long
Secteur B
Echelle : 1:500/100

Horizon : 485.00




| | PE1 | | PE2 | | PE3 | | PE4 | | PE5 | | PE6 | | PE7 | | PE8 | | PE9 | | PE10 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Terrain | 489.34 | | 487.24 | | 487.54 | | 501.45 | | 504.01 | | 504.34 | | 504.05 | | 502.78 | | 502.24 | | 501.63 | | 501.96 |
| Altitudes fil d'eau | 488.14 | | 486.04 | | 486.34 | | 500.25 | | 502.81 | | 503.14 | | 502.85 | | 501.58 | | 501.04 | | 500.43 | | 500.76 |
| Profondeurs | 1.20m | | 1.20m | | 1.20m | | 1.20m | | 1.20m | | 1.20m | | 1.20m | | 1.20m | | 1.20m | | 1.20m | | 1.20m |
| Dist. intermédiaires et totale | 0.00m | 26.14m | 26.14m | 10.60m | 36.74m | 90.36m | 127.10m | 32.84m | 159.94m | 16.73m | 176.67m | 8.11m | 184.78m | 39.41m | 224.19m | 35.97m | 260.16m | 36.26m | 296.42m | 21.18m | 317.60m |
| Types de conduites | PE Ø 200 / 176.2 - PN 10 | | | | | | | | | | | | | | | | | | | PE Ø 63 / 55.4 | |
| Pentes (‰) | | -80.4‰ | | 28.3‰ | | 153.9‰ | | 77.9‰ | | 19.6‰ | | -35.0‰ | | -32.3‰ | | -15.0‰ | | -16.8‰ | | 15.3‰ | |

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Projet d'ouvrage **21VD037-32-03C** Plan n°

# Commune de Grandson

Secteur C - Liaison Grandson village

Construction nouveau réseau d'eau potable



Infrastructures

Eau potable

Situation, profil en long et coupes type

Echelles 1:500 - 1:100 - 1:50

| Version | Date | Prod. | CP | Appr. | Format |
|---|---|---|---|---|---|
| base | 28.06.2023 | BG | LOS | JMT | 105 x 59.4 |
| B | 19.08.2025 | BG | LOS | JMT | 105 x 59.4 |
| C | 13.02.2026 | BG | LOS | JMT | 105 x 59.4 |


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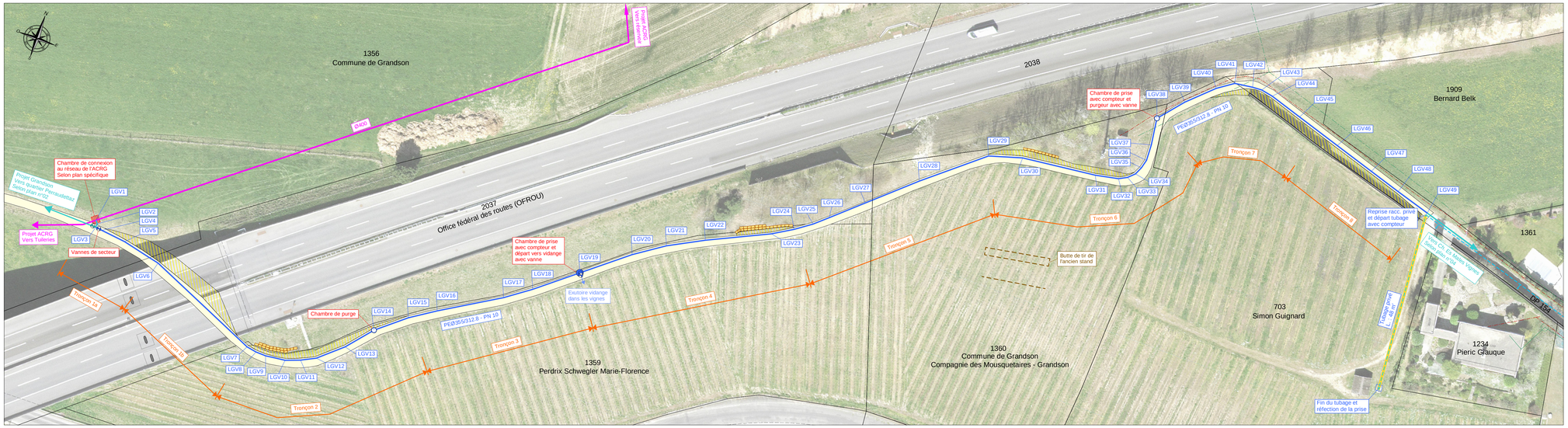
# Légende

## Existant

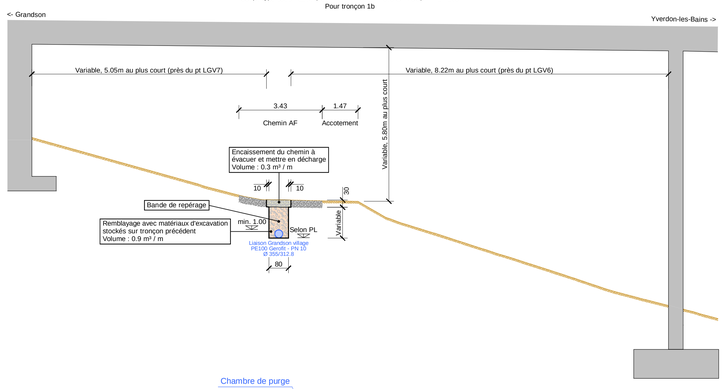
- Eau potable - Conduite Grandson
- Chemin d'amélioration foncière
- Accotement large / place disponible
- Gabion existant
- Réseau Swisscom
- Réseau électrique

## Projet

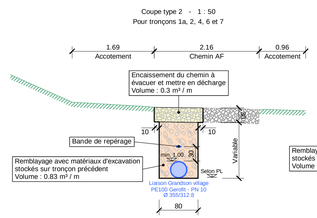
- Eau potable - Conduite projetée ACRG
- Eau potable - Conduite projetée Grandson
- Eau potable - Chambre de connexion
- Eau potable - Vanne de secteur et ch. de purge



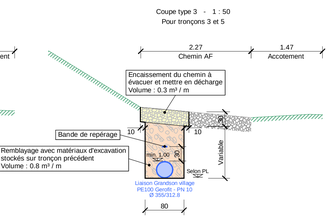

Coupe type sous viaduc (selon relevés et données OFROU) - 1 : 100
Pour tronçon 1b



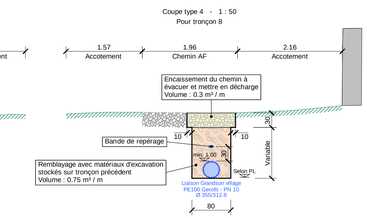

Coupe type 2 - 1 : 50
Pour tronçons 1a, 2, 4, 6 et 7




Coupe type 3 - 1 : 50
Pour tronçons 3 et 5

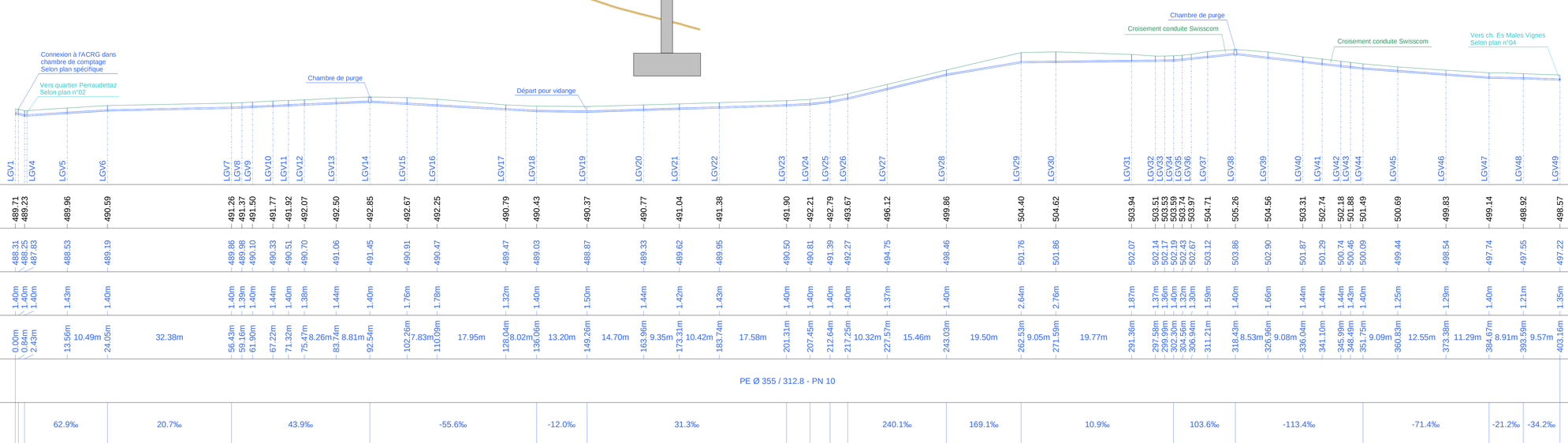



Coupe type 4 - 1 : 50
Pour tronçon 8




Profil en long
Secteur C
Echelle : 1:500

Horizon : 470.00




| | LGV1 | LGV4 | LGV5 | LGV6 | LGV7 | LGV8 | LGV9 | LGV10 | LGV11 | LGV12 | LGV13 | LGV14 | LGV15 | LGV16 | LGV17 | LGV18 | LGV19 | LGV20 | LGV21 | LGV22 | LGV23 | LGV24 | LGV25 | LGV26 | LGV27 | LGV28 | LGV29 | LGV30 | LGV31 | LGV32 | LGV33 | LGV34 | LGV35 | LGV36 | LGV37 | LGV38 | LGV39 | LGV40 | LGV41 | LGV42 | LGV43 | LGV44 | LGV45 | LGV46 | LGV47 | LGV48 | LGV49 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Terrain | 489.71 | 489.23 | 489.96 | 490.59 | 491.26 | 491.37 | 491.50 | 491.77 | 491.92 | 492.07 | 492.50 | 492.85 | 492.67 | 492.25 | 490.79 | 490.43 | 490.37 | 490.77 | 491.04 | 491.38 | 491.90 | 492.21 | 492.79 | 493.67 | 496.12 | 499.86 | 504.40 | 504.62 | 503.94 | 503.51 | 503.53 | 503.74 | 503.97 | 504.71 | 505.26 | 504.56 | 503.31 | 502.74 | 502.18 | 501.88 | 501.49 | 500.69 | 499.83 | 499.14 | 498.92 | 498.57 |
| Altitudes fil d'eau | 488.31 | 488.25 | 487.83 | 488.53 | 489.19 | 489.86 | 489.98 | 490.10 | 490.33 | 490.51 | 490.70 | 491.06 | 491.45 | 490.91 | 490.47 | 489.47 | 489.03 | 488.87 | 489.33 | 489.62 | 489.95 | 490.50 | 490.81 | 491.39 | 492.27 | 494.75 | 498.46 | 501.76 | 501.86 | 502.07 | 502.14 | 502.19 | 502.43 | 502.67 | 503.12 | 503.86 | 502.90 | 501.87 | 501.29 | 500.74 | 500.46 | 500.09 | 499.44 | 498.54 | 497.74 | 497.55 | 497.22 |
| Profondeurs | 1.40m | 1.40m | 1.40m | 1.43m | 1.40m | 1.40m | 1.39m | 1.40m | 1.44m | 1.40m | 1.38m | 1.44m | 1.40m | 1.76m | 1.78m | 1.32m | 1.40m | 1.50m | 1.44m | 1.42m | 1.43m | 1.40m | 1.40m | 1.40m | 1.40m | 1.37m | 1.40m | 2.64m | 2.76m | 1.87m | 1.37m | 1.36m | 1.46m | 1.32m | 1.59m | 1.40m | 1.66m | 1.44m | 1.44m | 1.44m | 1.43m | 1.40m | 1.25m | 1.29m | 1.40m | 1.21m | 1.35m |
| Distances intermédiaires et totale | 0.00m | 0.84m | 2.43m | 13.56m | 10.49m | 24.05m | 32.38m | 56.43m | 59.16m | 61.90m | 67.22m | 71.32m | 75.47m | 8.26m | 83.74m | 8.81m | 92.54m | 102.26m | 7.83m | 110.09m | 17.95m | 128.04m | 8.02m | 136.06m | 13.20m | 149.26m | 14.70m | 163.96m | 9.35m | 173.31m | 10.42m | 183.74m | 17.58m | 201.31m | 207.45m | 212.64m | 217.25m | 10.32m | 227.57m | 15.46m | 243.03m | 19.50m | 262.53m | 9.05m | 271.59m | 19.77m | 291.36m | 297.58m | 299.39m | 303.70m | 304.56m | 306.94m | 311.21m | 318.43m | 8.53m | 326.96m | 9.08m | 336.04m | 341.10m | 345.99m | 348.49m | 351.75m | 9.09m | 360.83m | 12.55m | 373.38m | 11.29m | 384.67m | 8.91m | 393.59m | 9.57m | 403.16m |
| Types de conduites | PE Ø 355 / 312.8 - PN 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pentes (‰) | | | 62.9‰ | | 20.7‰ | | 43.9‰ | | -55.6‰ | | -12.0‰ | | 31.3‰ | | | | | | | | | | | | 240.1‰ | | 169.1‰ | | 10.9‰ | | | | 103.6‰ | | -113.4‰ | | | | | | -71.4‰ | | | -21.2‰ | | -34.2‰ | |

Projet d'ouvrage **21VD037-32-04C** Plan n°

## Commune de Grandson

Secteur D - Chemin Es Males Vignes

Construction nouveau réseau d'eau potable



Infrastructures

Eau potable

Situation, profil en long et coupe type

Echelles 1:250 - 1:500 - 1:50

| Version | Date | Prod. | CP | Appr. | Format |
|---|---|---|---|---|---|
| base | 28.06.2023 | BG | LOS | JMT | 105 x 59.4 |
| B | 08.11.2023 | BG | LOS | JMT | 105 x 59.4 |
| C | 13.01.2026 | BG | LOS | JMT | 105 x 59.4 |


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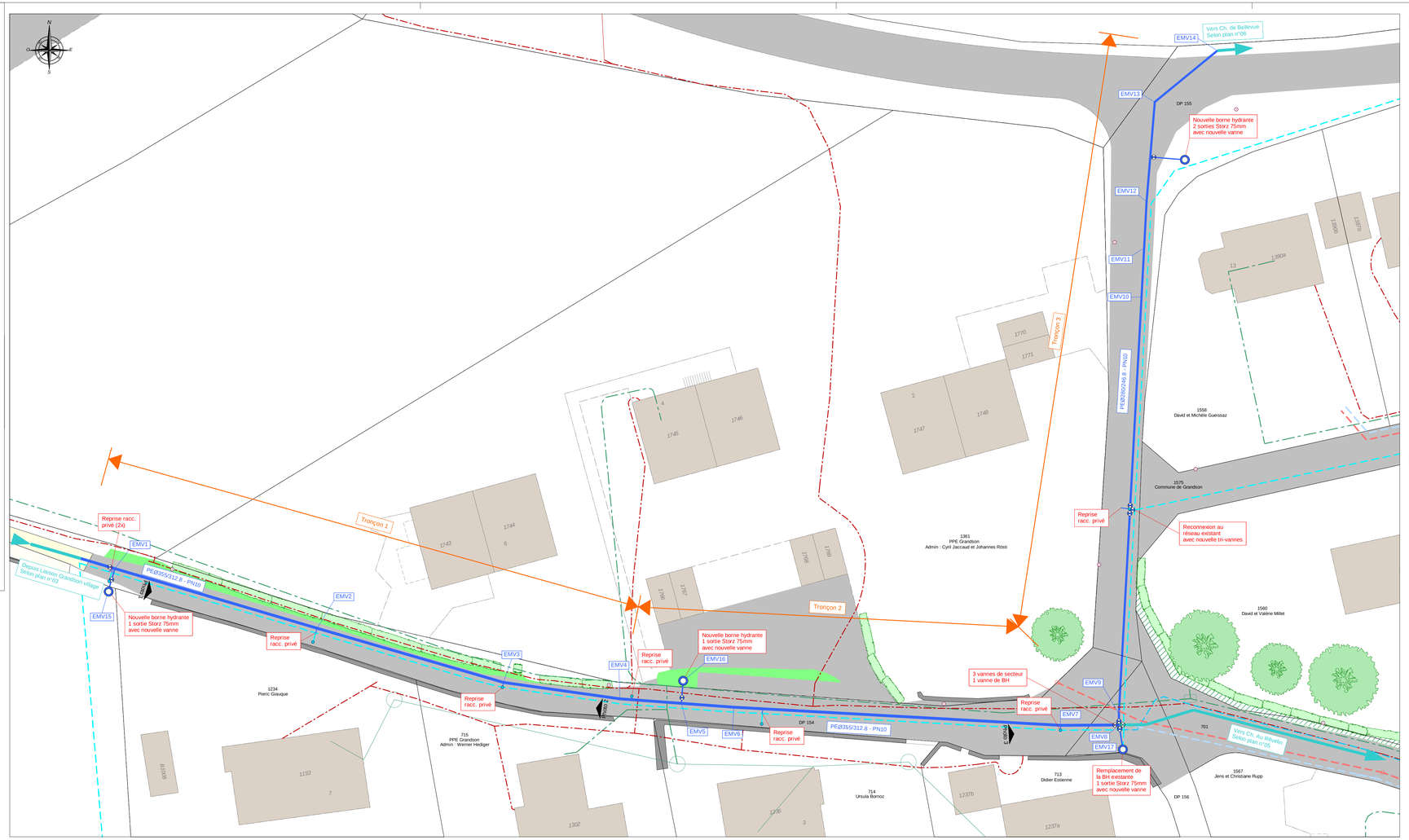
# Légende

## Existant

- Eau potable - Conduite Grandson
- Swisscom
- Electricité
- Eaux usées
- Eaux pluviales
- Accotement
- Haie vive
- Eau potable - Vanne de secteur et vanne privée
- Eau potable - Borne hydrante
- Eaux claires - Dépotoir
- Swisscom - Poteau et chambre
- Electricité - Candélabre
- Eaux usées - Regard
- Eaux claires - Regard

## Projet

- Eau potable - Conduite projetée Grandson
- Eau potable - Vanne de secteur
- Borne hydrante



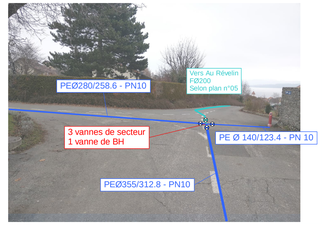

## Photo 1



## Photo 2

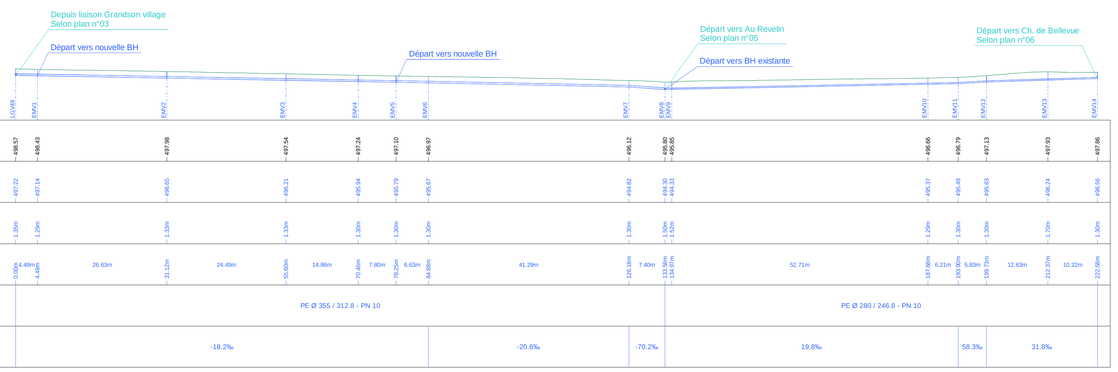


## Photo 3

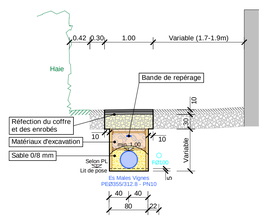



Profil en long
Secteur D
Echelle : 1:500

Horizon : 488.00




Coupe type - 1 : 50



Projet d'ouvrage

Plan n°
**21VD037-32-05B**

## Commune de Grandson
Secteur E - Au Révelin
Construction nouveau réseau d'eau potable



Infrastructures
Eau potable
Situation, profil en long et coupe type
Echelles 1:250 - 1:500 - 1:50

| Version | Date | Prod. | CP | Appr. | Format |
|---|---|---|---|---|---|
| base | 28.06.2023 | BG | LOS | JMT | 126 x 59.4 |
| A | 21.09.2023 | BG | LOS | JMT | 126 x 59.4 |
| B | 13.02.2026 | BG | LOS | JMT | 126 x 59.4 |

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# Légende

## Existant

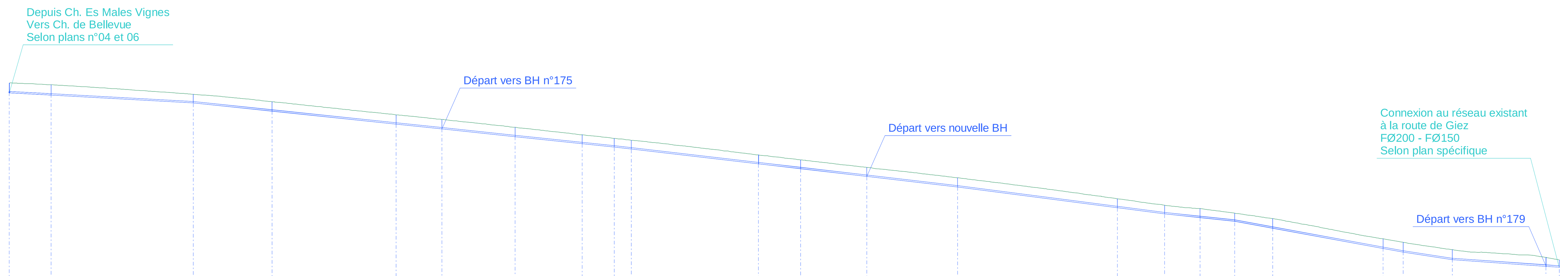
- Eau potable - Conduite Grandson
- Swisscom
- Electricité
- Eaux usées
- Eaux pluviales
- Accotement
- Haie vive
- Eau potable - Vanne de secteur et vanne privée
- Eau potable - Borne hydrante
- Eaux claires - Dépotoir
- Swisscom - Poteau et chambre
- Electricité - Candélabre
- Eaux usées - Regard
- Eaux claires - Regard

## Projet

- Eau potable - Conduite projetée Grandson
- Eau potable - Vanne de secteur
- Borne hydrante

Profil en long
Secteur E
Echelle : 1:500

Horizon : 460.00




| Point | Terrain | Altitudes fil d'eau | Profondeurs | Distances totale |
|---|---|---|---|---|
| AR1 | 495.61 | 494.12 | 1.49m | 0.00m |
| AR2 | 495.33 | 493.77 | 1.56m | 6.33m |
| AR3 | 493.90 | 492.60 | 1.30m | 27.88m |
| AR4 | 492.78 | 491.34 | 1.43m | 39.82m |
| AR5 | 490.79 | 489.37 | 1.41m | 58.61m |
| AR6 | 490.09 | 488.65 | 1.44m | 65.55m |
| AR7 | 488.89 | 487.48 | 1.40m | 76.64m |
| AR8 | 487.75 | 486.42 | 1.33m | 86.81m |
| AR9 | 487.21 | 485.91 | 1.30m | 91.69m |
| AR10 | 486.93 | 485.61 | 1.32m | 94.24m |
| AR11 | 484.70 | 483.37 | 1.33m | 113.54m |
| AR12 | 483.96 | 482.63 | 1.33m | 119.89m |
| AR13 | 482.83 | 481.46 | 1.36m | 129.95m |
| AR14 | 481.25 | 479.87 | 1.38m | 143.69m |
| AR15 | 478.08 | 476.72 | 1.36m | 167.89m |
| AR16 | 477.08 | 475.78 | 1.30m | 175.08m |
| AR17 | 476.58 | 475.22 | 1.36m | 180.46m |
| AR18 | 475.88 | 474.67 | 1.22m | 185.70m |
| AR19 | 475.06 | 473.61 | 1.44m | 191.44m |
| AR20 | 472.00 | 470.54 | 1.46m | 208.18m |
| AR21 | 471.48 | 469.98 | 1.50m | 211.20m |
| AR22 | 470.35 | 468.85 | 1.50m | 218.65m |
| AR23 | 469.18 | 467.84 | 1.33m | 232.88m |
| AR24 | 468.80 | 467.70 | 1.10m | 234.88m |

Distances intermédiaires : 21.54m (AR2–AR3), 11.94m (AR3–AR4), 18.79m (AR4–AR5), 6.93m (AR5–AR6), 11.09m (AR6–AR7), 10.17m (AR7–AR8), 19.30m (AR10–AR11), 10.06m (AR12–AR13), 13.74m (AR13–AR14), 24.21m (AR14–AR15), 7.18m (AR15–AR16), 16.74m (AR19–AR20), 7.45m (AR21–AR22), 14.22m (AR22–AR23)

Types de conduites : F Ø 200

Pentes (‰) : -54.6‰ (AR1–AR3), -104.8‰ (AR3–AR9), -116.2‰ (AR9–AR14), -130.1‰ (AR14–AR16), -105.0‰ (AR16–AR18), -183.7‰ (AR18–AR21), -151.2‰ (AR21–AR22), -71.0‰ (AR22–AR24)

Coupe type - 1 : 50

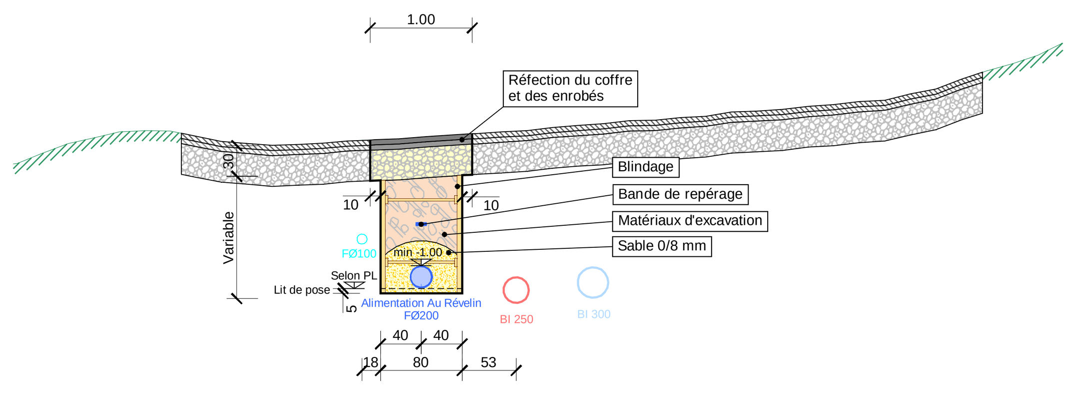



Photo 1


Photo 2



Photo 3





Projet d'ouvrage **21VD037-32-06F**

## Commune de Grandson

Construction nouveau réseau d'eau potable
Secteur F - Chemin de Bellevue



Infrastructures
Eau potable
Situation, profil en long et coupes type
Echelles 1:500 - 1:500/100 - 1:25

| Version | Date | Prod. | CP | Appr. | Format |
|---|---|---|---|---|---|
| base | 26.06.2023 | BG | LDL | SAT | 100 x 59.4 |
| 1 | 27.09.2023 | BG | LDL | SAT | 100 x 59.4 |
| 2 | 27.03.2024 | BG | LDL | SAT | 100 x 59.4 |

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## Légende

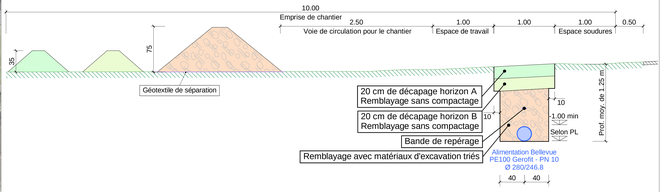
### Existant

- Eau potable - Conduites, vannes et borne hydrante
- Gaz - Conduites et vanne
- Eaux usées - canalisations et regards
- Eaux pluviales - canalisations et regards
- Electricité - Réseau
- Swisscom - Réseau
- Eclairage public - Réseau et candélabre

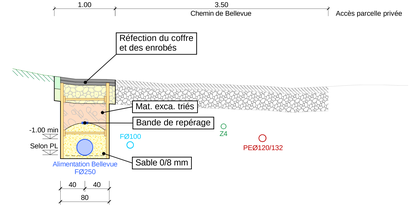
### Projet

- Eau potable - Conduite projetée
- Eau potable - Vanne de secteur et borne hydrante

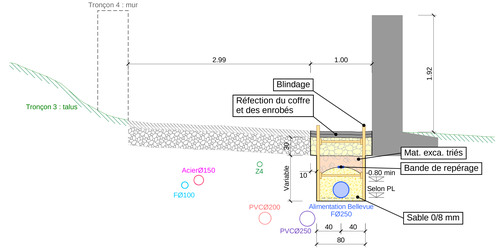
## Coupe type - Tronçon 1 - Bord de champ - 1 : 25




## Coupe type - Tronçon 2 - Route - 1 : 25

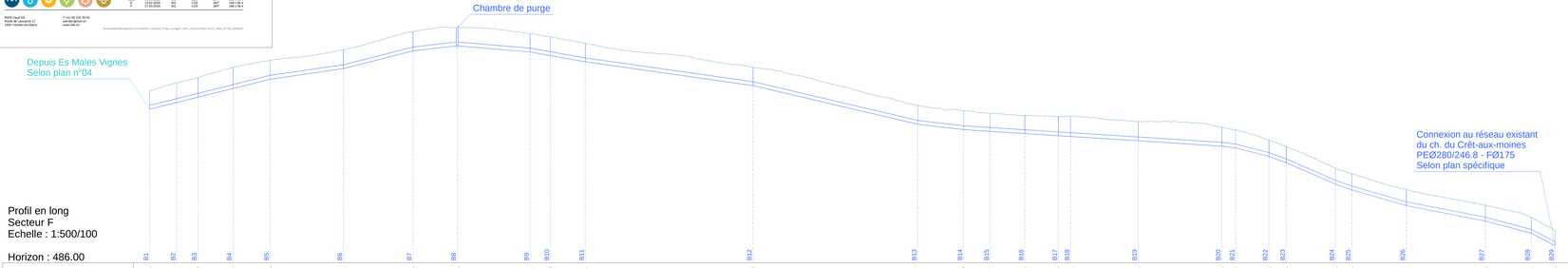



## Coupe type - Tronçons 3 et 4 - Route - 1 : 25




## Profil en long
Secteur F
Echelle : 1:500/100

Horizon : 486.00




| | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 | B21 | B22 | B23 | B24 | B25 | B26 | B27 | B28 | B29 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Terrain | 497.86 | 498.42 | 498.79 | 499.49 | 499.98 | 500.71 | 501.95 | 502.23 | 501.81 | 501.60 | 501.14 | 499.49 | 496.87 | 496.50 | 496.32 | 496.19 | 496.09 | 496.11 | 495.76 | 495.36 | 495.19 | 494.48 | 494.03 | 492.53 | 492.13 | 491.04 | 489.98 | 489.14 | 488.23 |
| Altitudes fil d'eau | 496.61 | 497.08 | 497.44 | 498.05 | 498.68 | 499.41 | 500.65 | 500.98 | 500.56 | 500.32 | 499.89 | 488.24 | 495.57 | 495.20 | 495.68 | 494.93 | 494.78 | 494.73 | 494.43 | 494.06 | 493.94 | 493.35 | 492.91 | 491.43 | 491.03 | 489.94 | 489.88 | 488.04 | 487.18 |
| Profondeurs | 1.25m | 1.34m | 1.34m | 1.45m | 1.30m | 1.30m | 1.30m | 1.25m | 1.25m | 1.29m | 1.25m | 1.25m | 1.30m | 1.30m | 1.23m | 1.26m | 1.31m | 1.38m | 1.33m | 1.30m | 1.25m | 1.13m | 1.11m | 1.10m | 1.10m | 1.05m | 1.10m | 1.10m | 1.05m |
| Dist. intermédiaires et totale | 0.00m | 9.41m | 16.74m | 28.81m | 41.62m | 66.96m | 91.08m | 106.27m | 131.46m | 138.42m | 150.49m | 208.46m | 265.31m | 281.17m | 290.37m | 302.31m | 313.92m | 318.15m | 341.49m | 370.39m | 375.17m | 386.65m | 392.62m | 409.62m | 415.24m | 434.11m | 461.35m | 477.22m | 486.49m |
| Types de conduites | PE Gerolit Ø 280 / 256.8 - PN 10 | | | | | | | | | | | | Fonte Ø 250 | | | | | | | | | | | | | | | | |
| Pentes (‰) | 5.0% | | | 2.9% | | 5.1% | 2.2% | -1.7% | -3.5% | | -2.8% | -4.7% | -2.3% | -1.3% | | | | | | -2.4% | -5.2% | -7.3% | -8.7% | -7.1% | -5.8% | -3.9% | -5.3% | -10.4% | |

Projet d'ouvrage

Plan n°
**21VD037-32-07E**

## Commune de Grandson

Construction nouveau réseau d'eau potable

Secteur G - Grand-Clos



Infrastructures

Eau potable

Situation

Echelle 1:500

| Version | Date | Prod. | CP | Appr. | Format |
|---|---|---|---|---|---|
| base | 16.10.2023 | BG | LOS | JMT | 105 x 59.4 |
| 0 | 13.02.2026 | BG | LOS | JMT | 126 x 59.4 |
| E | 22.04.2026 | BG | LOS | JMT | 126 x 59.4 |


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# Légende

## Existant

- Eau potable - Conduites, vannes et borne hydrante
- Gaz - Conduites et vanne
- Eaux usées - canalisations et regards
- Eaux pluviales - canalisations et regards
- Electricité - Réseau
- Swisscom - Réseau
- Eclairage public - Réseau et candélabre

## Projet

- Eau potable - Conduite projetée
- Eau potable - Vanne de secteur et borne hydrante

