

Свидетельство № ИП-144-878 от 11 сентября 2015 г.

Заказчик – ООО «Газпром трансгаз Томск»

## **ДОКУМЕНТАЦИЯ ПО ПЛАНИРОВКЕ ТЕРРИТОРИИ**

**Проект планировки и проект межевания территории для  
размещения линейного объекта  
«Магистральный газопровод Сахалин-Хабаровск-  
Владивосток» в Ульчском, Комсомольском, Амурском,  
Нанайском, Хабаровском муниципальных районах и  
муниципальном районе им. Лазо Хабаровского края»**

**Раздел 1. Основная часть**

**Книга 2. Графическая часть  
Часть 5.  
(новая редакция)**

**4400/3 К1–ППТ1-1.2.5  
Том 1.2.5**

2017



# АО «ГИПРОГАЗЦЕНТР»

Свидетельство № ИП-144-878 от 11 сентября 2015 г.

Заказчик - ООО "Газпром трансгаз Томск"

## ДОКУМЕНТАЦИЯ ПО ПЛАНИРОВКЕ ТЕРРИТОРИИ

Проект планировки и проект межевания территории для  
размещения линейного объекта

«Магистральный газопровод Сахалин-Хабаровск-  
Владивосток» в Ульчском, Комсомольском, Амурском,  
Нанайском, Хабаровском муниципальных районах и  
муниципальном районе им. Лазо Хабаровского края»

Раздел 1. Основная часть

Книга 2. Графическая часть

Часть 5.

(новая редакция)

4400/3 К1-ППТ1-1.2.5

Том 1.2.5

|                |               |
|----------------|---------------|
| Инд. № подл.   | Взамен инв. № |
| 259-ОКП.Х6/ИЗ  |               |
| Подпись и дата |               |

Главный инженер

Главный инженер проекта



С.В. Савченков

А.И. Кожевников

# Содержание тома

| Обозначение             | Наименование                                                                                                        | Стр.   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------|--------|
| 4400/3 К1-ППТ1-1.2.5-С  | Содержание тома                                                                                                     | 2      |
| 4400/3 К1-ППТ1-1.2.5-СП | Состав проекта планировки                                                                                           | 3      |
|                         | Графическая часть                                                                                                   |        |
| 4400/3 К1-ППТ1-1.2.5-1  | План красных линий                                                                                                  | 4-25   |
| 4400/3 К1-ППТ1-1.2.5-2  | Схема инженерной, транспортной инфраструктур и улично-дорожной сети                                                 | 26     |
| 4400/3 К1-ППТ1-1.2.5-3  | Схема границ планируемого размещения объектов капитального строительства                                            | 27     |
| Приложение А            | Ведомость координат поворотных точек красных линий объекта «Магистральный газопровод Сахалин-Хабаровск-Владивосток» | 28-153 |

Согласовано:

Взамен инв. №

Подпись и дата

Инв. № подл.  
259-ОКП.Х6/ИЗ

|           |            |      |        |       |       |                                                                                                            |      |        |
|-----------|------------|------|--------|-------|-------|------------------------------------------------------------------------------------------------------------|------|--------|
|           |            |      |        |       |       | 4400/3 К1-ППТ1-1.2.5-С                                                                                     |      |        |
| Изм.      | Кол.уч.    | Лист | № док. | Подп. | Дата  | Содержание тома                                                                                            |      |        |
| Разраб.   | Полянская  |      |        |       | 07.17 |                                                                                                            |      |        |
| Нач. отд. | Макаров    |      |        |       | 07.17 |                                                                                                            |      |        |
| Н. контр. | Панковский |      |        |       | 07.17 |                                                                                                            |      |        |
| ГИП       | Кожевников |      |        |       | 07.17 |                                                                                                            |      |        |
|           |            |      |        |       |       | Стадия                                                                                                     | Лист | Листов |
|           |            |      |        |       |       | П                                                                                                          |      | 1      |
|           |            |      |        |       |       |  <b>ГИПРОГАЗЦЕНТР</b> |      |        |

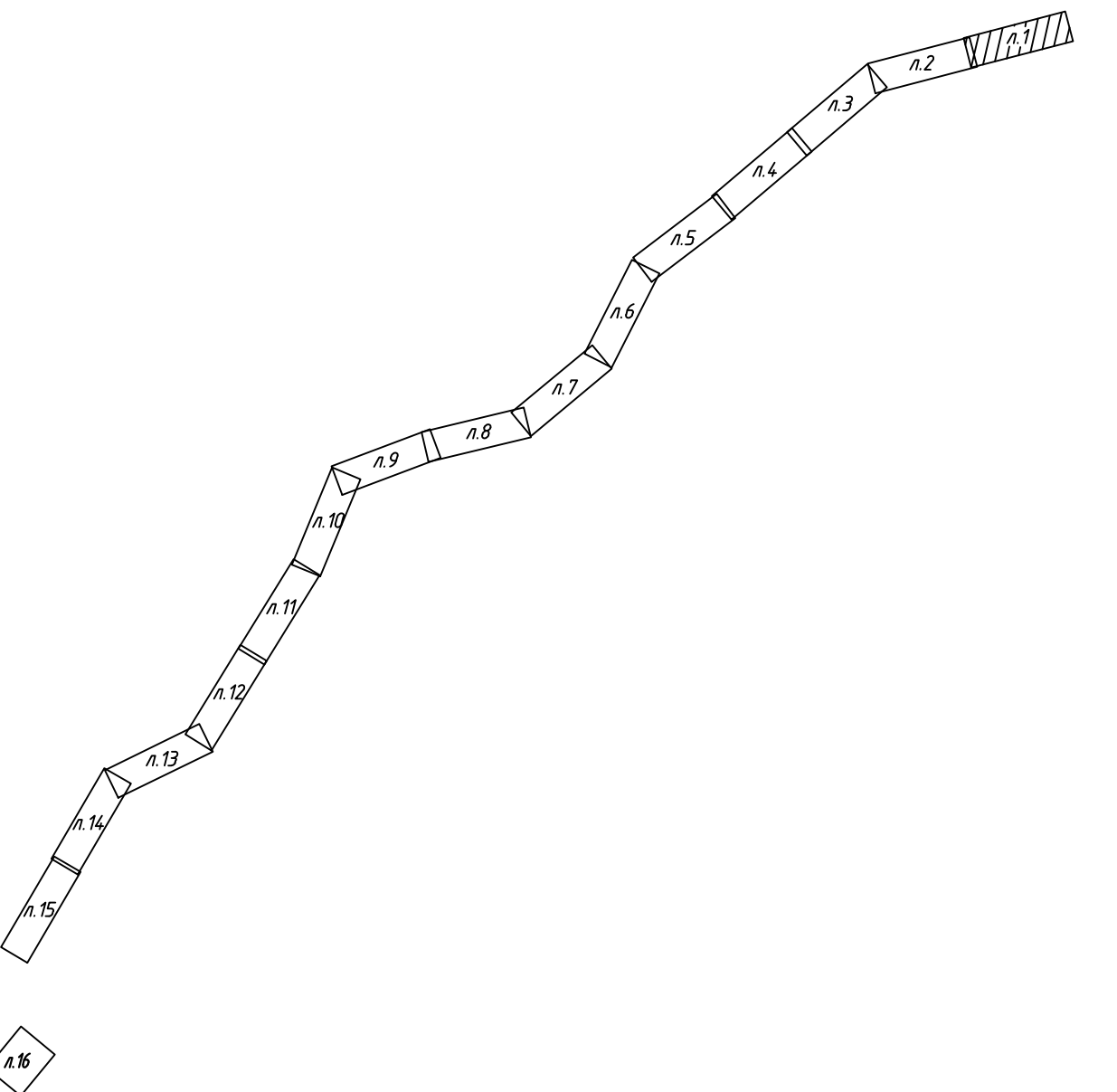
## Состав проекта планировки

Состав проекта планировки представлен в разделе 1 «Основная часть» книги 1, «Текстовая часть», шифр 4400/3 К1-ППТ1-1.1, том 1.1.

Согласовано

|                               |           |       |            |       |                                                                                     |       |                           |  |                                                                                                     |      |        |
|-------------------------------|-----------|-------|------------|-------|-------------------------------------------------------------------------------------|-------|---------------------------|--|-----------------------------------------------------------------------------------------------------|------|--------|
| Подп.                         |           |       |            |       |                                                                                     |       | 4400/3 К1-ППТ1-1.2.5-СП   |  |                                                                                                     |      |        |
|                               | Изм.      | К.уч. | Лист       | № док | Подп.                                                                               | Дата  |                           |  |                                                                                                     |      |        |
| Инв. № подл.<br>259-ОКП.Х6/ИЗ | Разраб.   |       | Полянская  |       |  | 07.17 | Состав проекта планировки |  | Стадия                                                                                              | Лист | Листов |
|                               |           |       |            |       |                                                                                     | П     |                           |  |                                                                                                     | 1    |        |
|                               | Нач. отд. |       | Макаров    |       |  | 07.17 |                           |  |  ГИПРОГАЗЦЕНТР |      |        |
|                               | Н.контр.  |       | Панковский |       |  | 07.17 |                           |  |                                                                                                     |      |        |
|                               | ГИП       |       | Кожевников |       |  | 07.17 |                           |  |                                                                                                     |      |        |





Формат А3х5

|              |                |              |
|--------------|----------------|--------------|
| Инв. № подл. | Подпись и дата | Взам. инв. № |
|--------------|----------------|--------------|







Хабаровский край Хабаровский район  
Земли Хабаровского лесхоза

Схема расположения листов

УСЛОВНЫЕ ОБОЗНАЧЕНИЯ

- проектируемый отвод земельного участка под строительство
- устанавливаемые красные линии проектируемого объекта
- отменяемые красные линии проектируемого объекта
- Обозначение земельных участков
- Обозначение кадастровых кварталов
- Граница населенного пункта
- 1804 Характерная точка красных линий

Система координат местная (МСК27)

|      |    |      |   |       |      |
|------|----|------|---|-------|------|
| Изм. | Км | Лист | № | Подп. | Дата |
|      |    |      |   |       |      |

4400/3 К1-ППТ1-1.2.5-1

Лист  
3

Формат: А2х3



Хабаровский край Хабаровский район  
Земли Хабаровского лесхоза

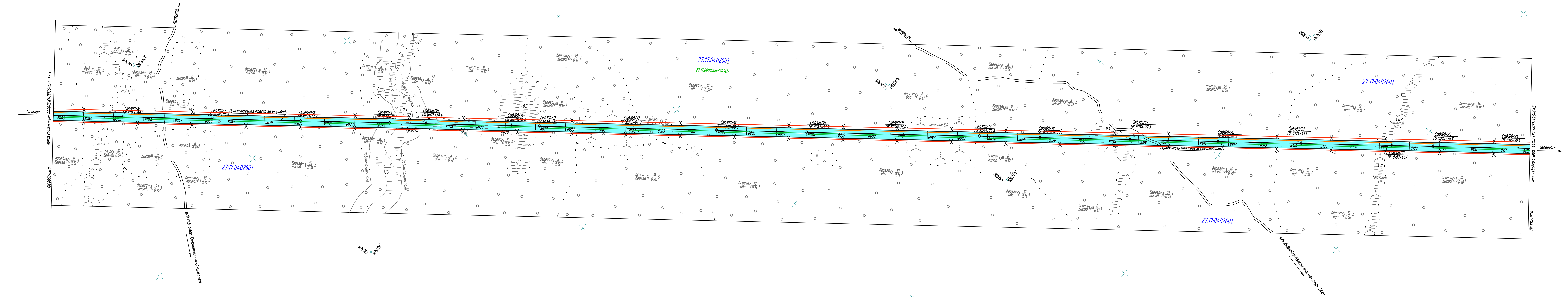
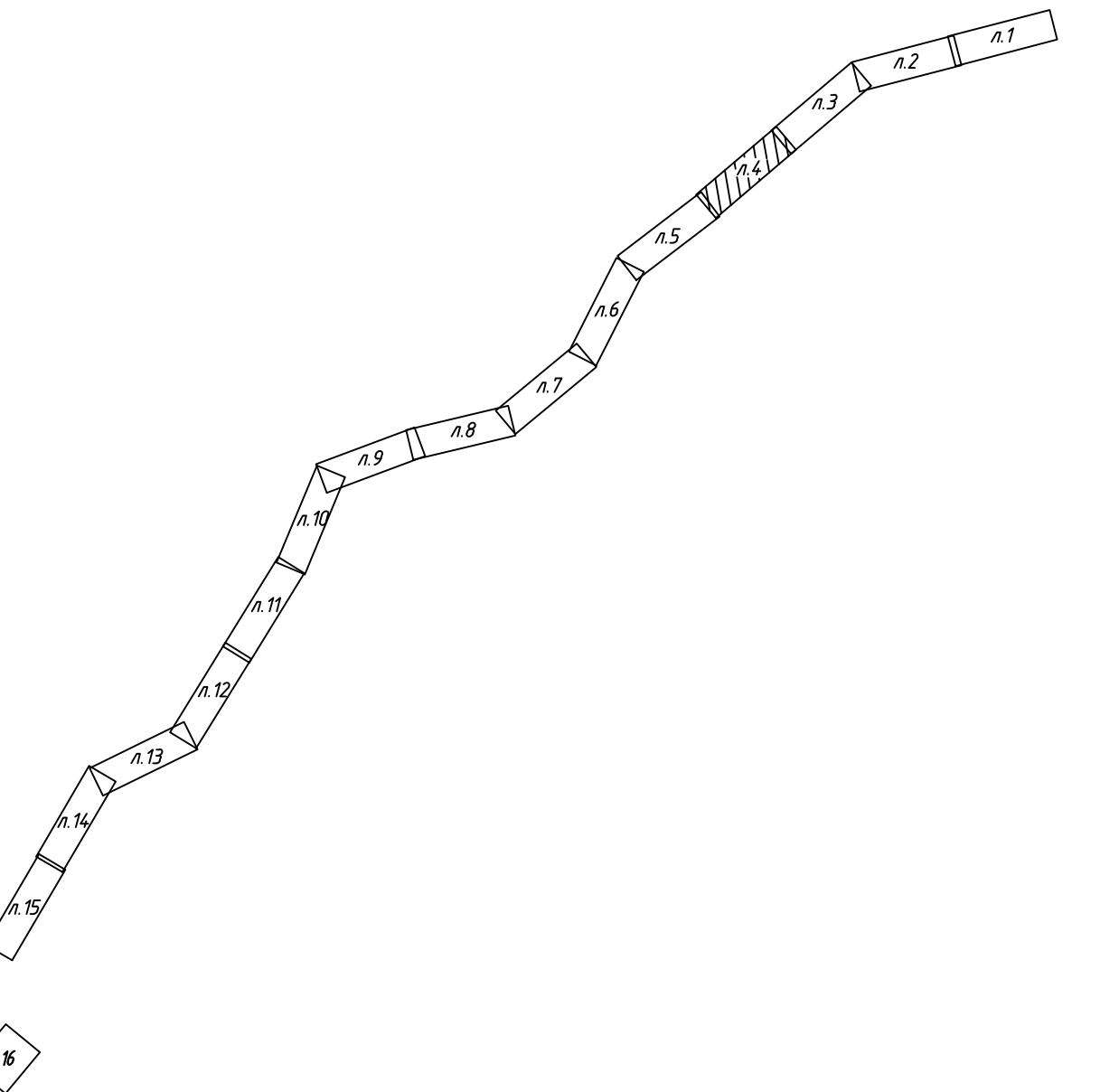


Схема расположения листов

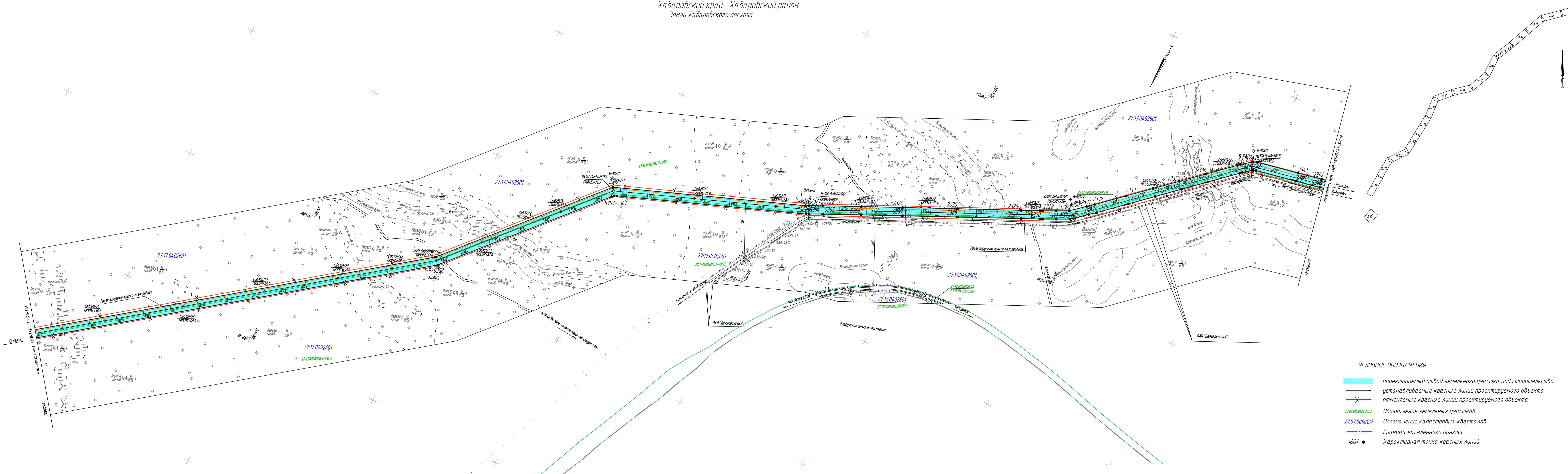


- УСЛОВНЫЕ ОБОЗНАЧЕНИЯ
- проектируемый отвод земельного участка под строительство
  - устанавливаемые красные линии проектируемого объекта
  - отменяемые красные линии проектируемого объекта
  - Обозначение земельных участков
  - Обозначение кадастровых кварталов
  - Граница населенного пункта
  - 1804 Характерная точка красных линий

Система координат местная (МСК27)



Хабаровский край Хабаровский район  
Земли Хабаровского лесхоза



- УСЛОВНЫЕ ОБОЗНАЧЕНИЯ
- проектируемый отвод земельного участка под строительство
  - устанавливаемые красные линии проектируемого объекта
  - отменяемые красные линии проектируемого объекта
  - Обозначение земельных участков
  - Обозначение кадастровых кварталов
  - Граница населенного пункта
  - Характерная точка красных линий

Система координат местная (МСК27)





- Система координат местная (МСК27)

|  |     |
|--|-----|
|  | Лус |
|  | 6   |



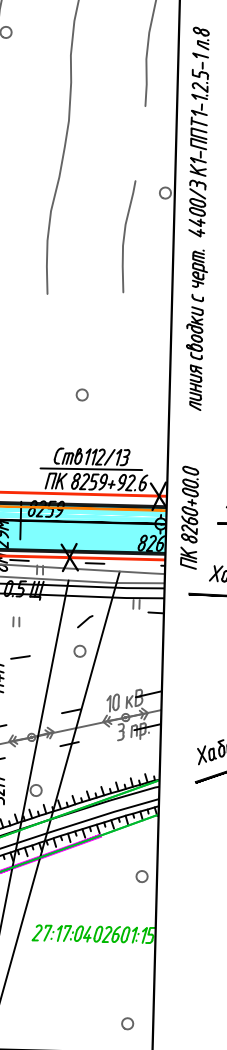


Схема расположения листов

УСЛОВНЫЕ ОБОЗНАЧЕНИЯ

- |                                                                                       |                                                                                                      |
|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
|  | проектируемый отвод земельного участка под строительство                                             |
|  | устанавливаются красные линии проектируемого объекта отмененные красные линии проектируемого объекта |
|  | Обозначение земельных участков                                                                       |
|  | Обозначение кадастровых кварталов                                                                    |
|  | Граница населенного пункта                                                                           |
|  | Характерная точка красных линий                                                                      |

Система координат местная (МСК27)

|      |       |      |        |       |     |
|------|-------|------|--------|-------|-----|
|      |       |      |        |       |     |
| Изм. | Колуч | Лист | № док. | Подп. | Дат |

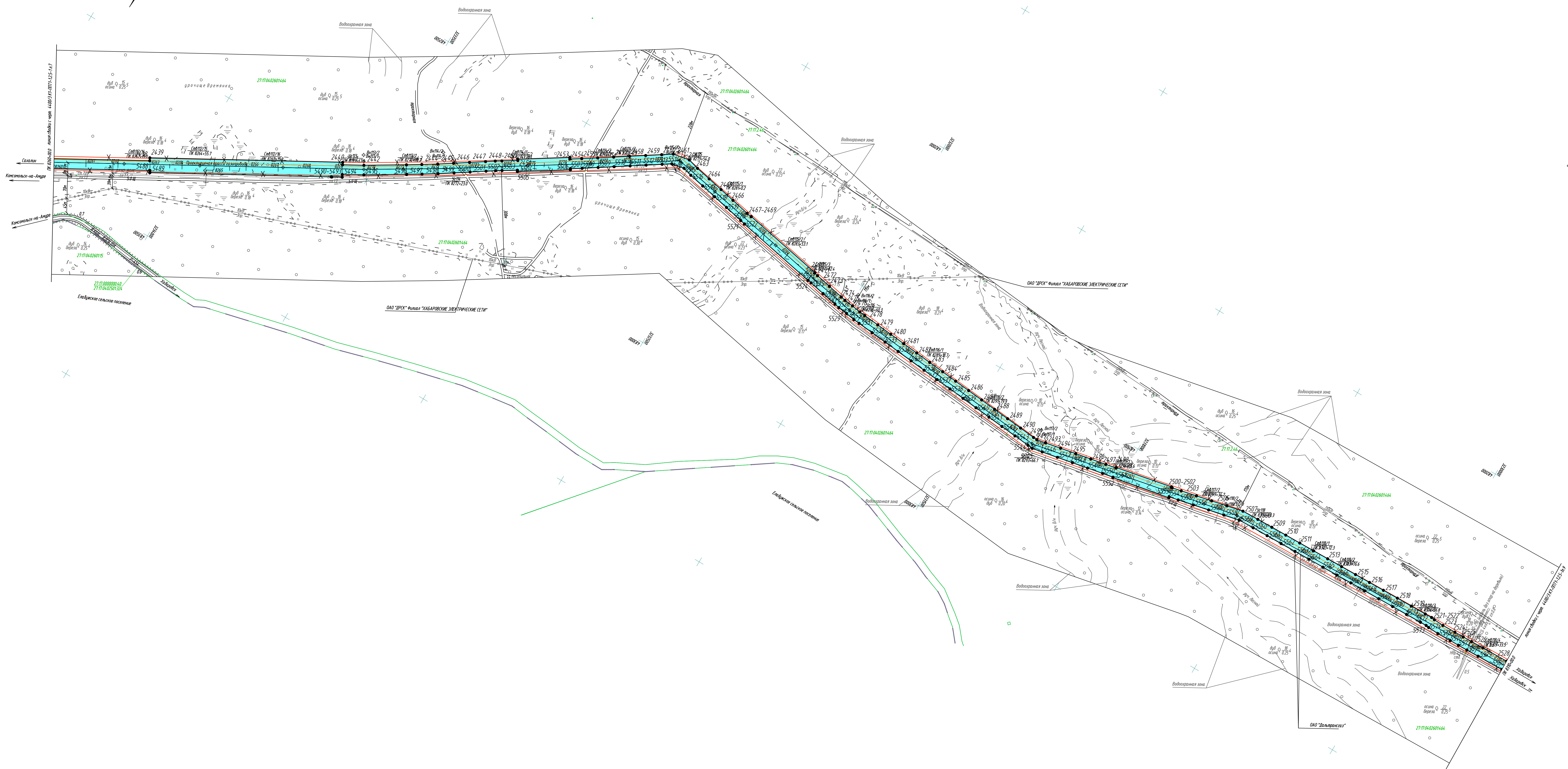
4400/3 K1-ППТ1-1.2.5-1

Люд

Формат: А3х4



Хабаровский край Хабаровский район



УСЛОВНЫЕ ОБОЗНАЧЕНИЯ

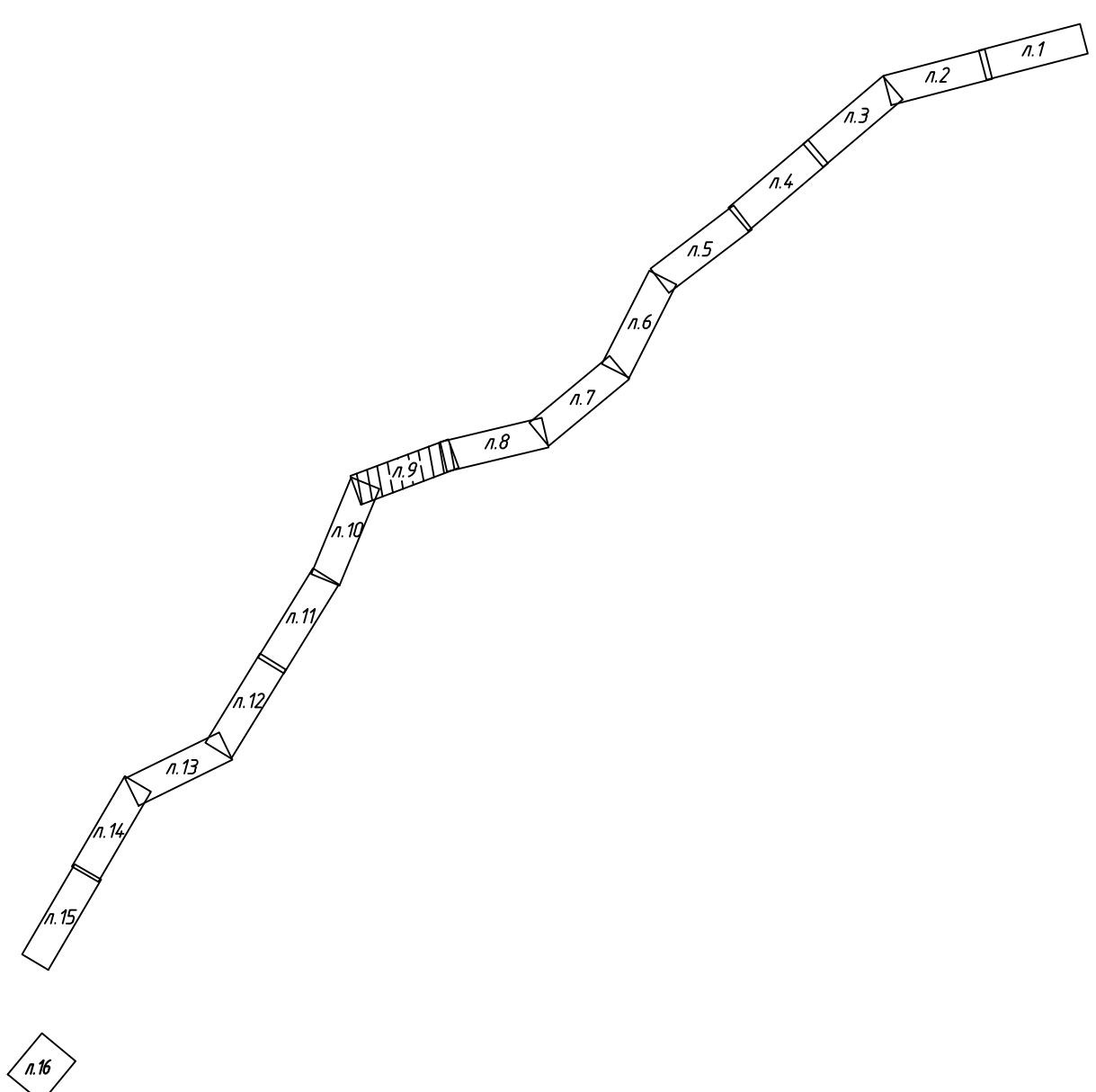
- |                                                                                     |                                                          |
|-------------------------------------------------------------------------------------|----------------------------------------------------------|
|  | проектируемый отвод земельного участка под строительство |
|  | устанавливаемые красные линии проектируемого объекта     |
|  | отменяемые красные линии проектируемого объекта          |
|  | Обозначение земельных участков                           |
|  | Обозначение кадастровых кварталов                        |
|  | Граница населенного пункта                               |
|  | Характерная точка красных линий                          |

Система координат местная (МСК27)



Хабаровский край Хабаровский район

Схема расположения листов

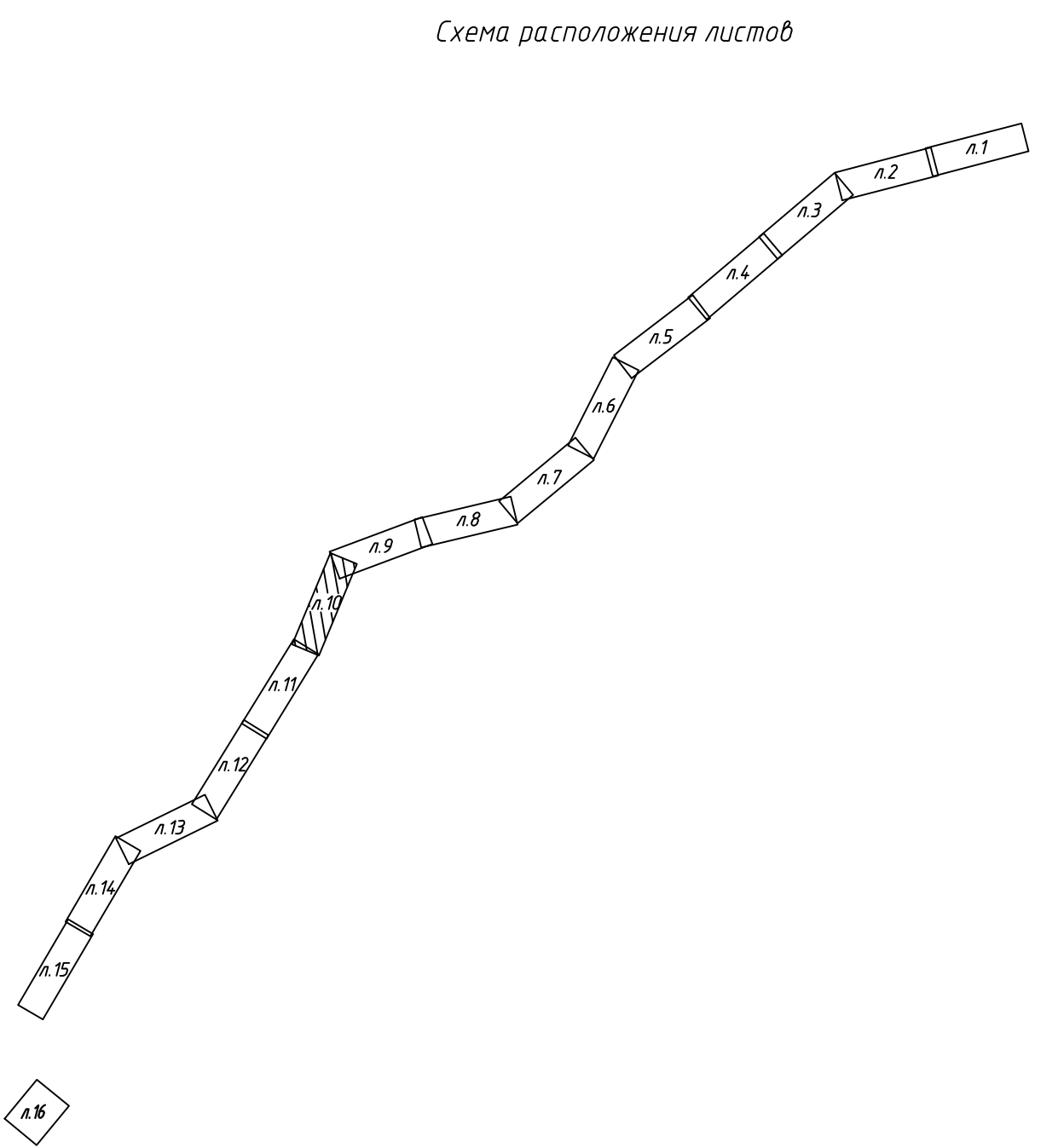
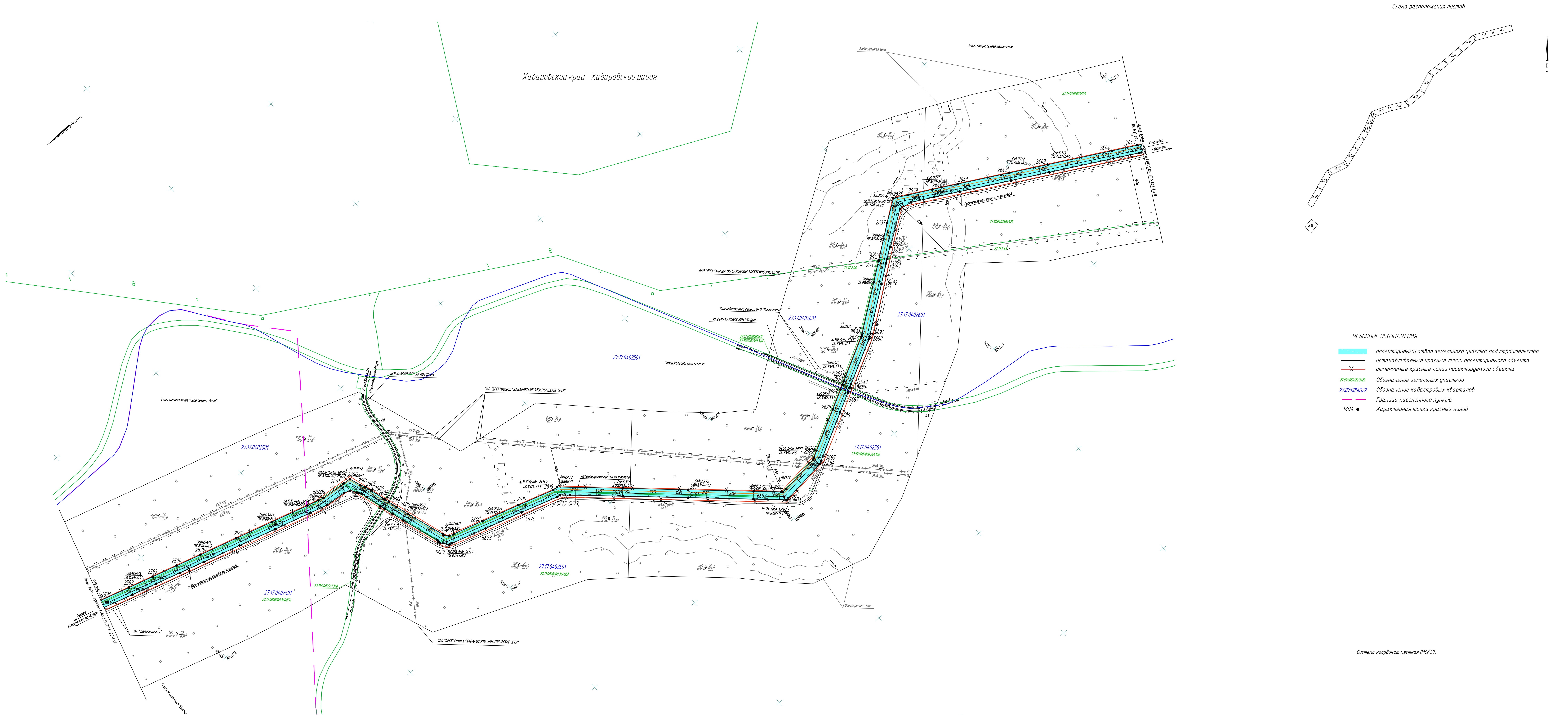


УСЛОВНЫЕ ОБОЗНАЧЕНИЯ

- проектируемый отвод земельного участка под строительство
- устанавливаемые красные линии проектируемого объекта
- отменяемые красные линии проектируемого объекта
- Обозначение земельных участков
- Обозначение кадастровых кварталов
- Граница населенного пункта
- 1804 Характерная точка красных линий

Система координат местная (МСК27)





- УСЛОВНЫЕ ОБОЗНАЧЕНИЯ
- проектируемый отвод земельного участка под строительство
  - устанавливаемые красные линии проектируемого объекта
  - отменяемые красные линии проектируемого объекта
  - 27.07.000000.3623 Обозначение земельных участков
  - 27.07.0050122 Обозначение кадастровых кварталов
  - Граница населенного пункта
  - 1804 • Характерная точка красных линий

Система координат местная (МСК27)



Хабаровский край Хабаровский район  
Земли специального назначения

Схема расположения листов

УСЛОВНЫЕ ОБОЗНАЧЕНИЯ

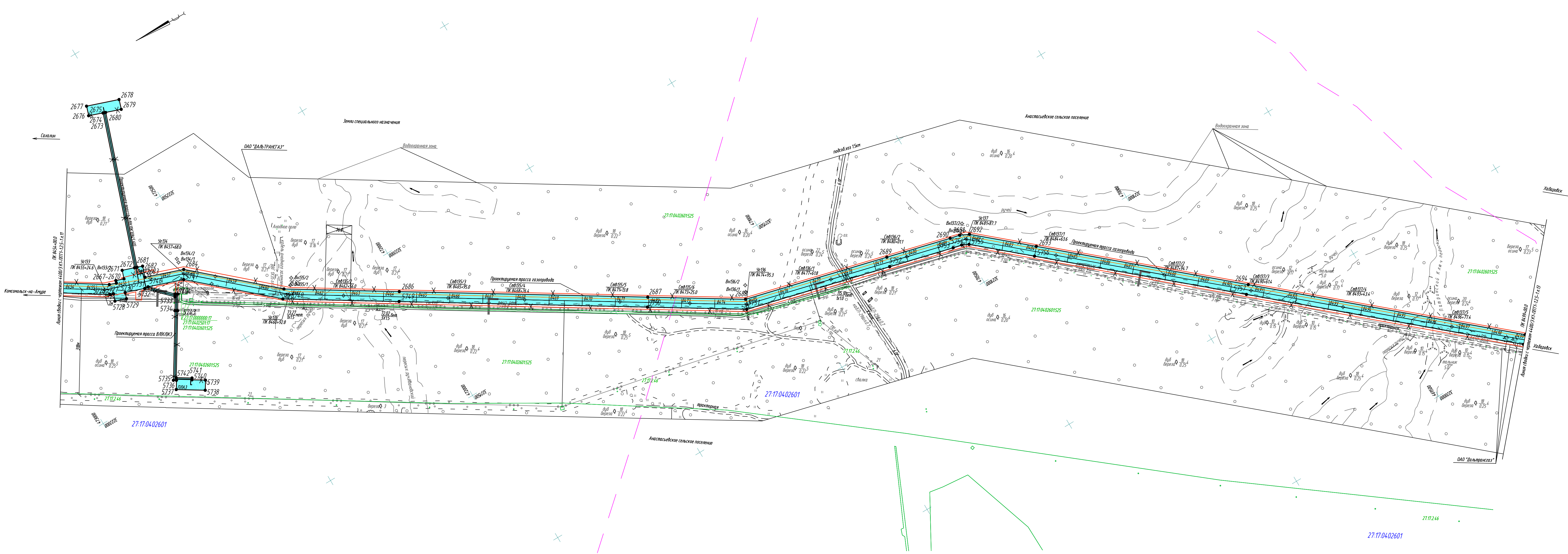
- проектируемый отвод земельного участка под строительство
- устанавливаемые красные линии проектируемого объекта
- отменяемые красные линии проектируемого объекта
- обозначение земельных участков
- обозначение кадастровых кварталов
- Граница населенного пункта
- Характерная точка красных линий

Система координат местная (МСК27)

|      |    |      |        |       |      |
|------|----|------|--------|-------|------|
| Изм. | Км | Лист | № док. | Подп. | Дата |
|      |    |      |        |       |      |

4400/3 К1-ППТ1-1.2.5-1





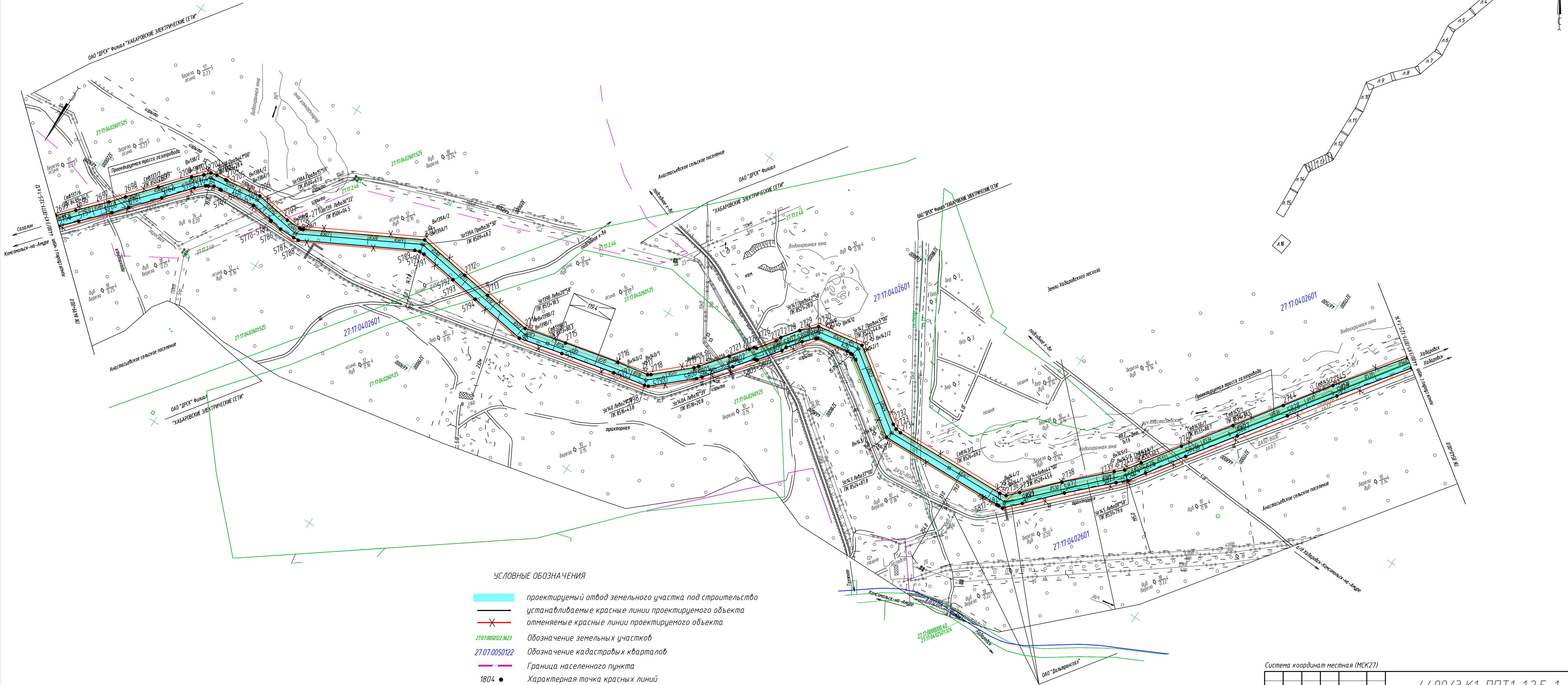
- УСЛОВНЫЕ ОБОЗНАЧЕНИЯ
- проектируемый отвод земельного участка под строительство
  - устанавливаемые красные линии проектируемого объекта
  - отменяемые красные линии проектируемого объекта
  - 27.07.0050122-3623 Обозначение земельных участков
  - 27.07.0050122 Обозначение кадастровых кварталов
  - граница населенного пункта
  - 1804 • Характерная точка красных линий

Система координат местная (МСК27)

|      |      |      |        |       |      |
|------|------|------|--------|-------|------|
| Изм. | Кол. | Лист | № док. | Подп. | Дата |
|      |      |      |        |       |      |

4400/3 К1-ППТ1-1.2.5-1





УСЛОВНЫЕ ОБОЗНАЧЕНИЯ

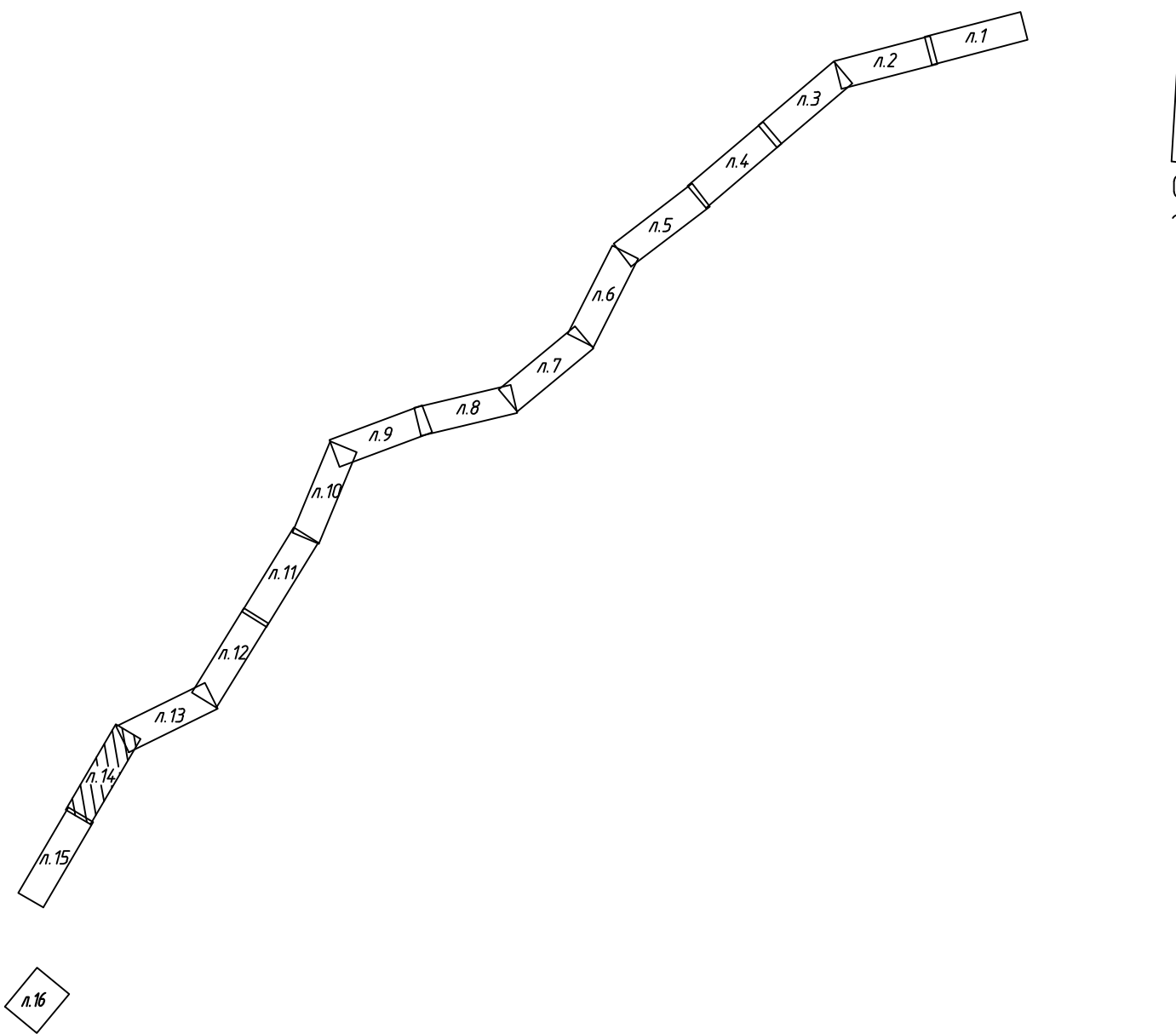
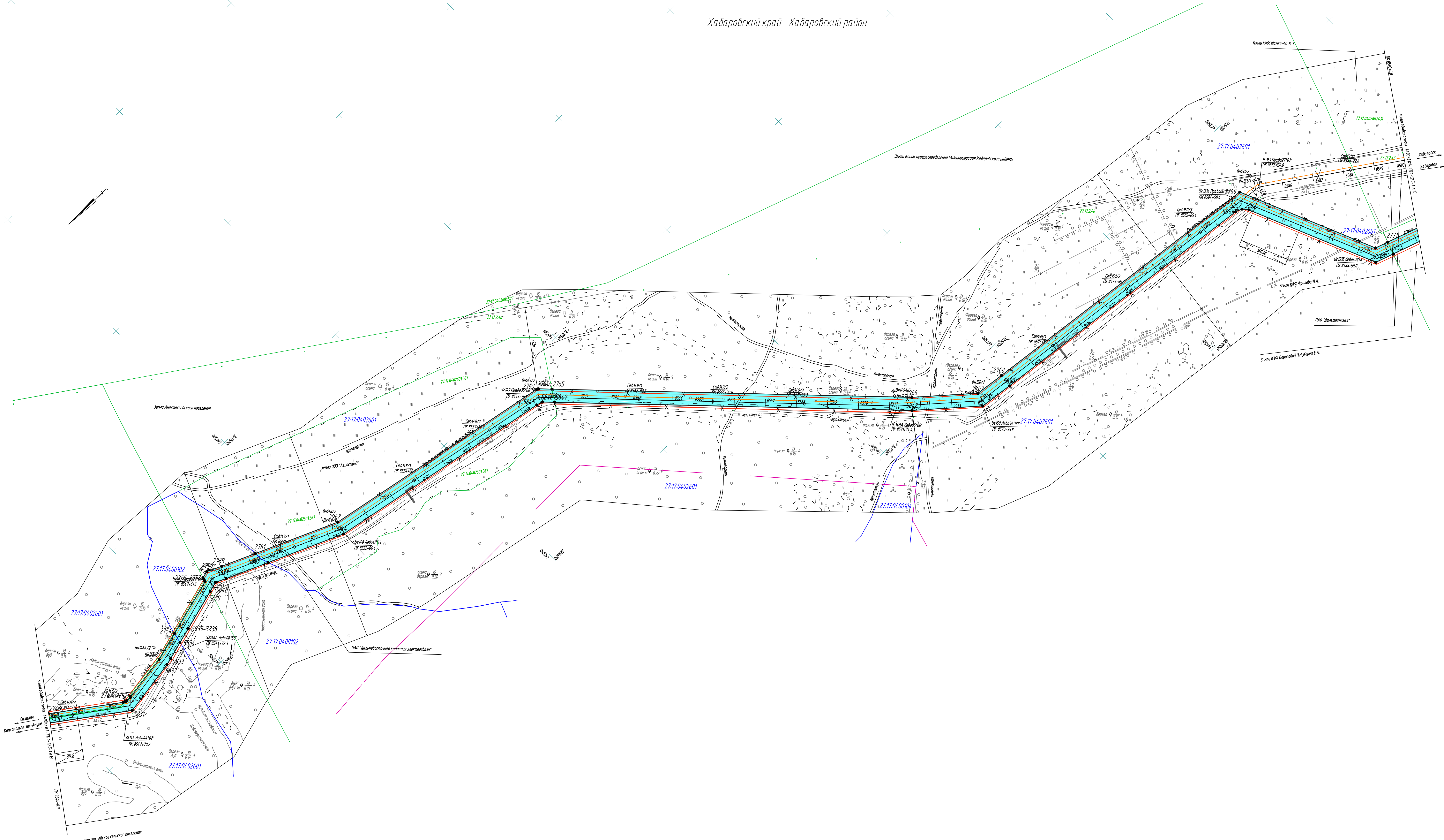
- проектируемый отвод земельного участка под строительство
- устанавливаемые красные линии проектируемого объекта
- отменяемые красные линии проектируемого объекта
- Обозначение земельных участков
- Обозначение кадастровых кварталов
- Граница населенного пункта
- Характерная точка красных линий

Система координат местная (МСК27)

|      |        |      |        |       |      |
|------|--------|------|--------|-------|------|
| Изм. | Колуч. | Лист | № док. | Подп. | Дата |
|      |        |      |        |       |      |

44-00/3 К1-ППТ1-1.2.5-1





- УСЛОВНЫЕ ОБОЗНАЧЕНИЯ
- проектируемый отвод земельного участка под строительство
  - устанавливаемые красные линии проектируемого объекта
  - отменяемые красные линии проектируемого объекта
  - Обозначение земельных участков
  - Обозначение кадастровых кварталов
  - Граница населенного пункта
  - 1804 Характерная точка красных линий

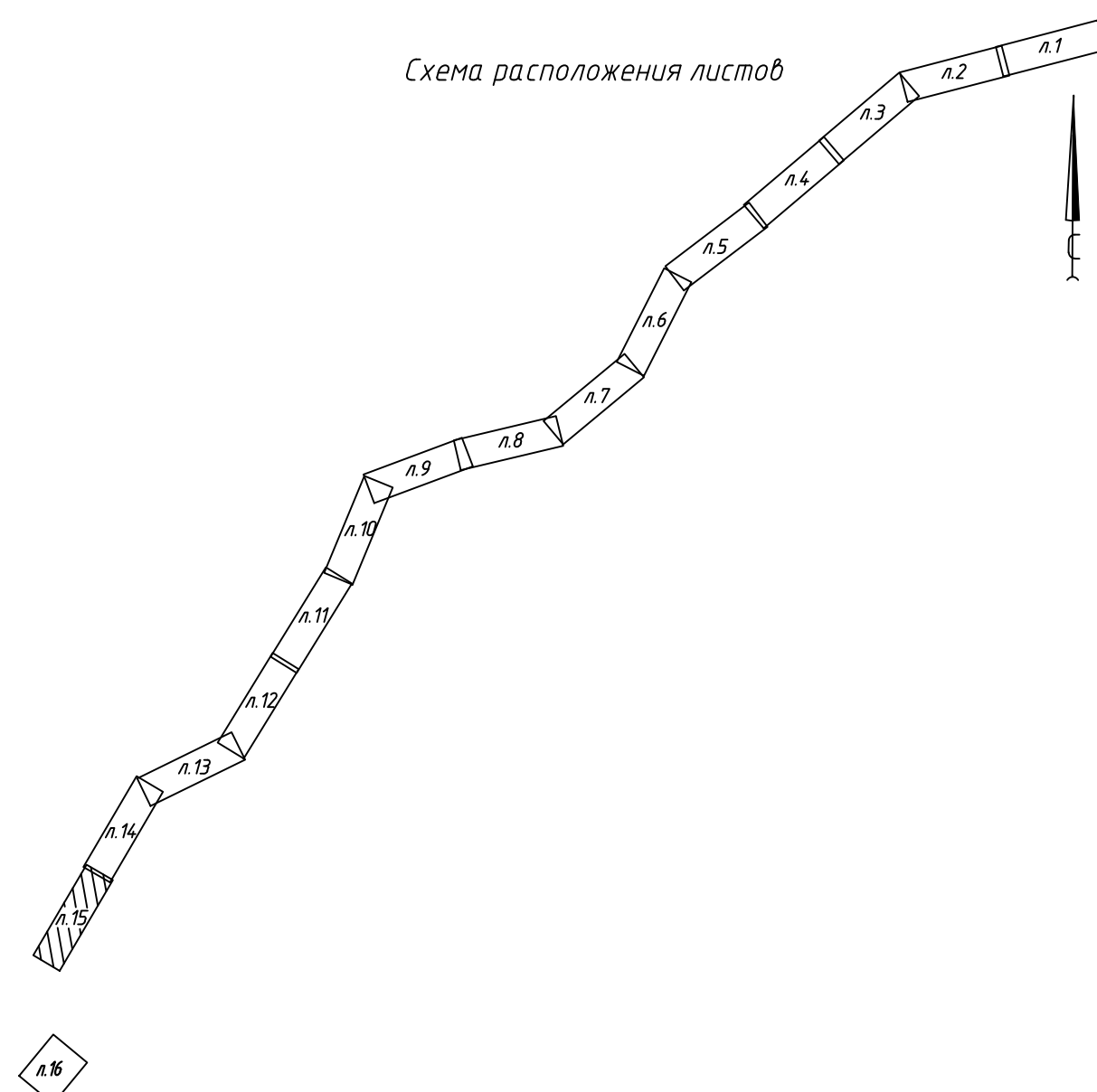
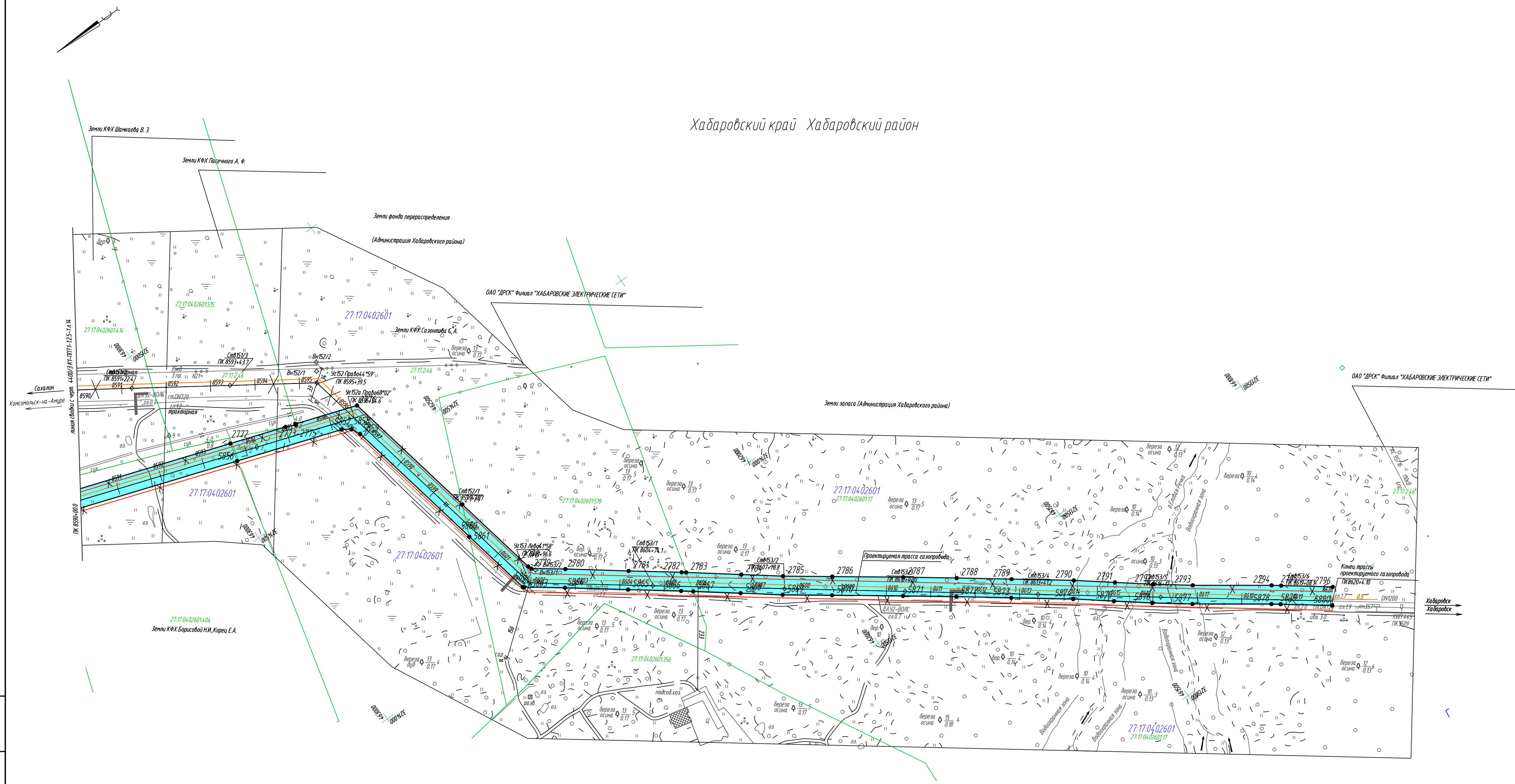
Система координат местная (МСК27)

|     |       |      |       |       |      |
|-----|-------|------|-------|-------|------|
| Имя | Кварт | Лист | № док | Подп. | Дата |
|     |       |      |       |       |      |



Хабаровский край Хабаровский район

Схема расположения листов



- УСЛОВНЫЕ ОБОЗНАЧЕНИЯ
- проектируемый отвод земельного участка под строительство
  - устанавливаемые красные линии проектируемого объекта
  - отменяемые красные линии проектируемого объекта
  - 27.07.0050122-3623 Обозначение земельных участков
  - 27.07.0050122 Обозначение кадастровых кварталов
  - Граница населенного пункта
  - 1804 • Характерная точка красных линий

Система координат местная (МСК27)

|      |        |      |        |       |      |                         |            |
|------|--------|------|--------|-------|------|-------------------------|------------|
| Изм. | Колуч. | Лист | № док. | Подп. | Дата | 4 400/З К1-ППТ1-1.2.5-1 | Лист<br>15 |
|------|--------|------|--------|-------|------|-------------------------|------------|

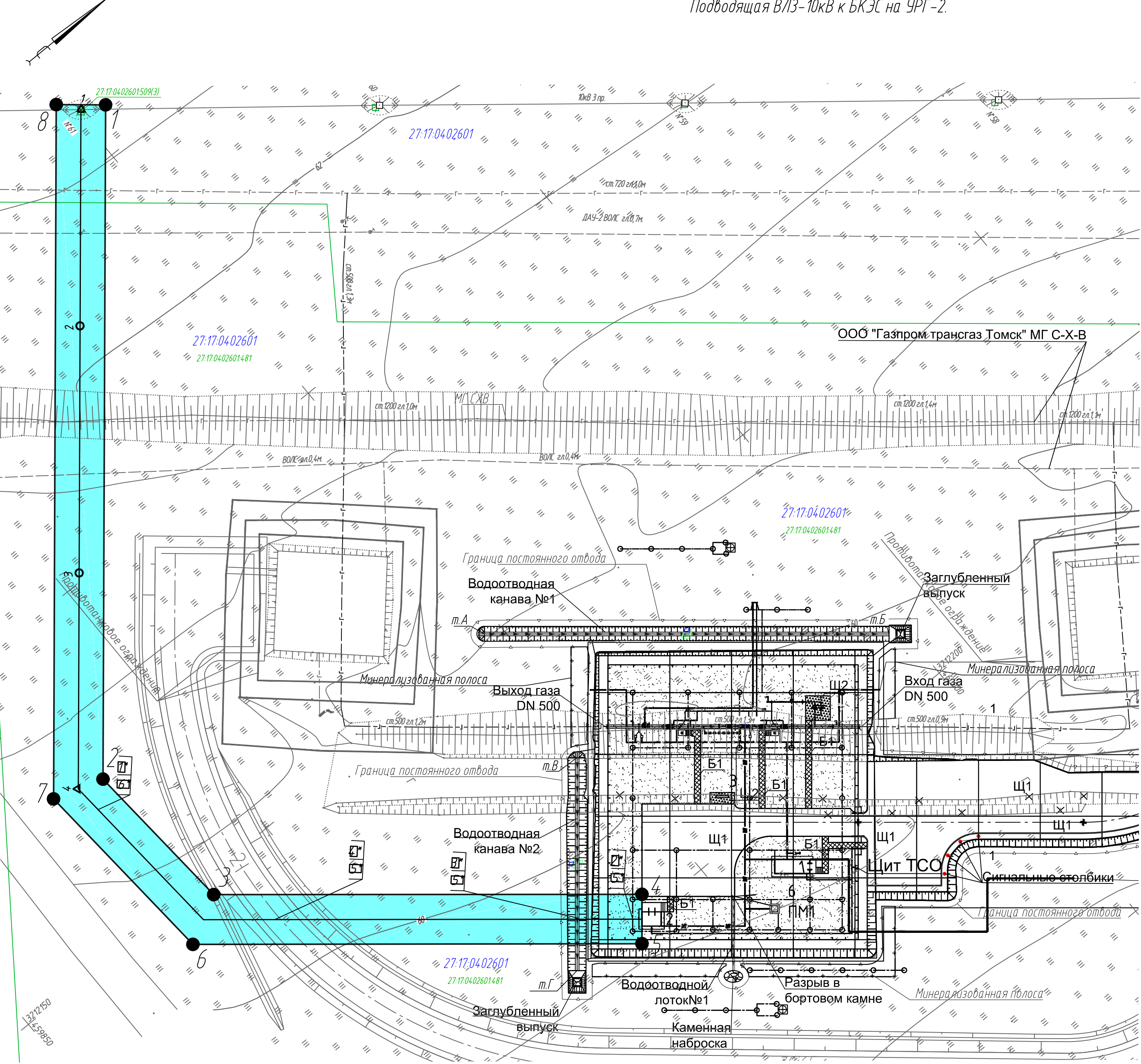
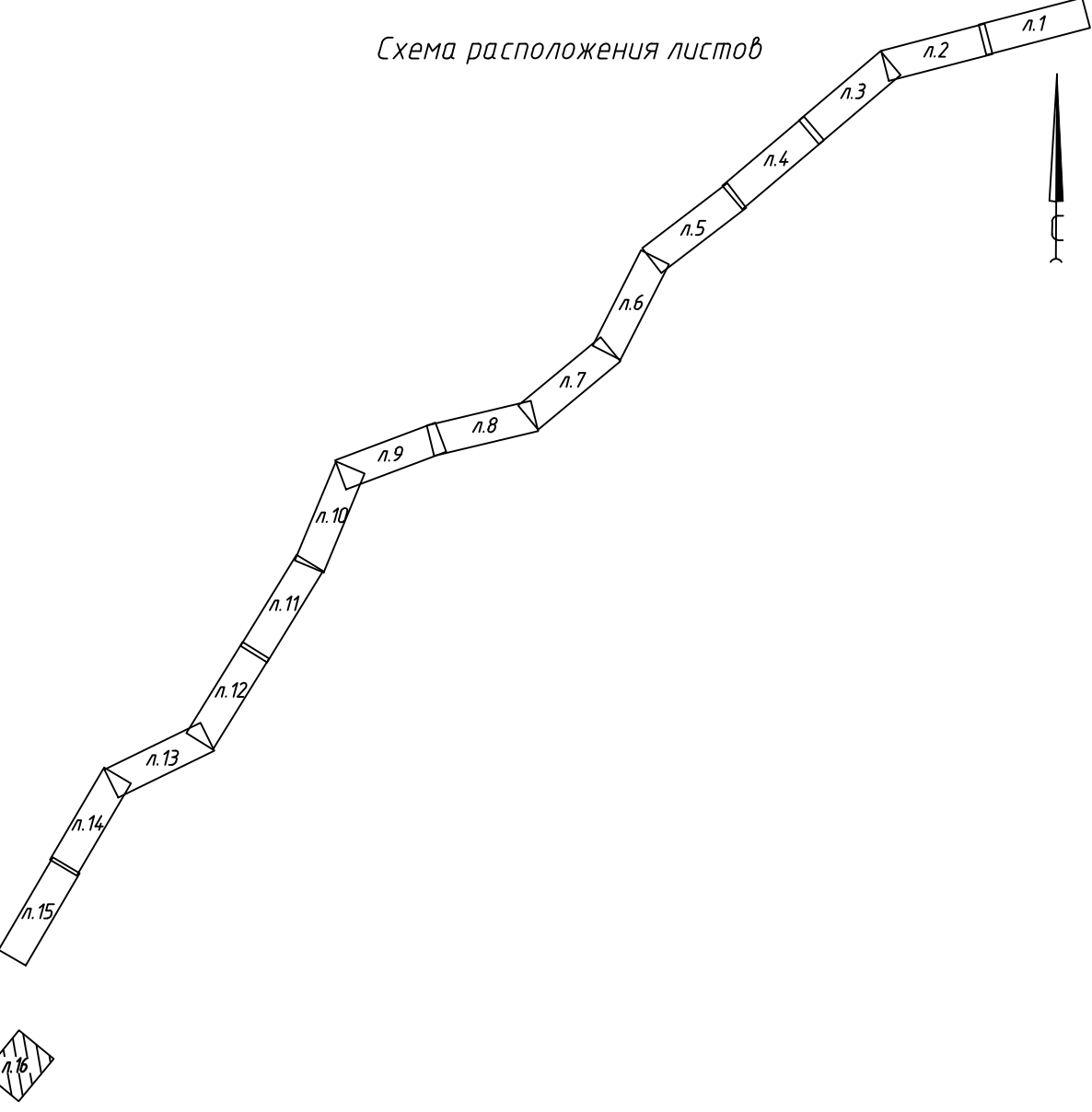
Формат: А3х3

|                 |               |
|-----------------|---------------|
| Идент. № докум. | 259-007.Х5/ИЗ |
| Взам. инв. №    |               |
| Попр. и дата    |               |



Хабаровский край Хабаровский район  
Подводящая ВЛЗ-10кВ к БКЭС на УРГ-2.

Схема расположения листов



УСЛОВНЫЕ ОБОЗНАЧЕНИЯ

- проектируемый отвод земельного участка под строительство
- устанавливаемые красные линии проектируемого объекта
- отменяемые красные линии проектируемого объекта
- Обозначение земельных участков
- Обозначение кадастровых кварталов
- Граница населенного пункта
- Характерная точка красных линий

Система координат местная (МСК27)

М1:500

|               |               |
|---------------|---------------|
| Инд. N'подл.  | Взам. инд. N' |
| 259-ОКП.ХБ/ИЗ |               |

|              |
|--------------|
| Подр. и дата |
|--------------|

|      |       |      |        |       |      |
|------|-------|------|--------|-------|------|
| Изм. | Колуч | Лист | N'док. | Подп. | Дата |
|------|-------|------|--------|-------|------|

4400/3 К1-ППТ1-1.2.5-1

|      |
|------|
| Лист |
| 16   |



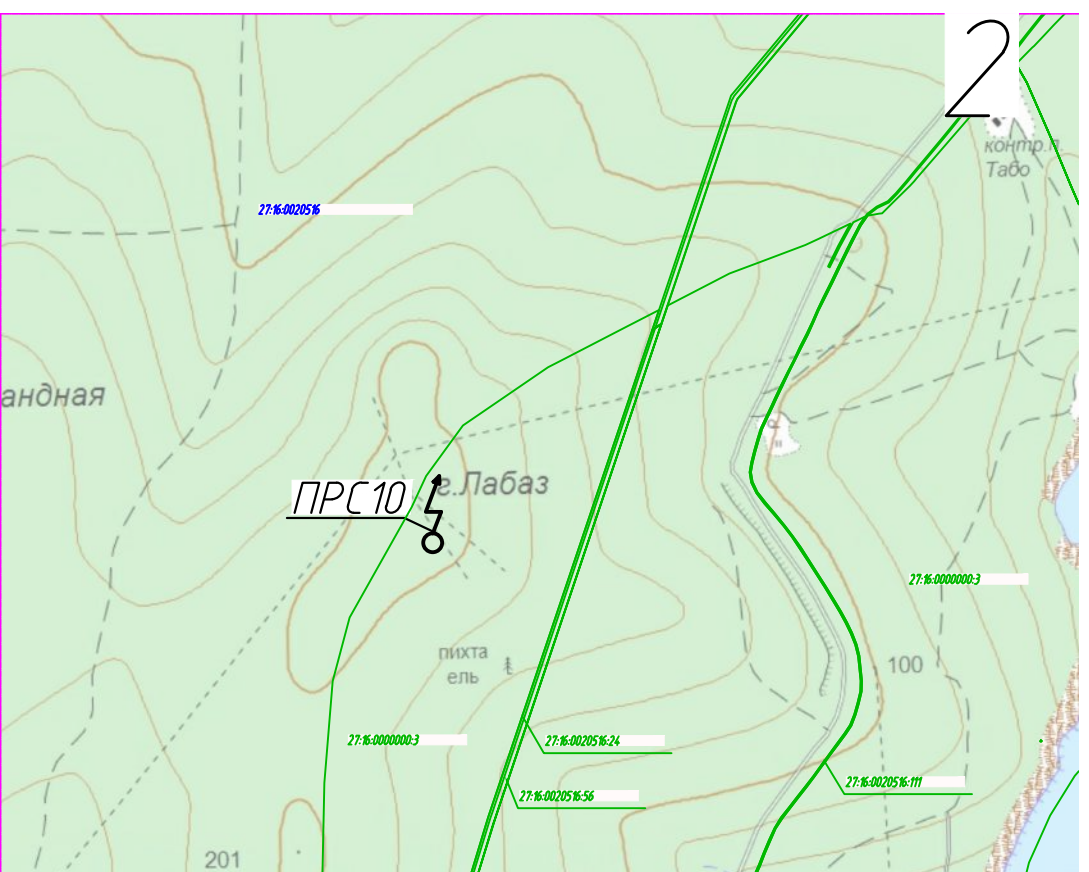
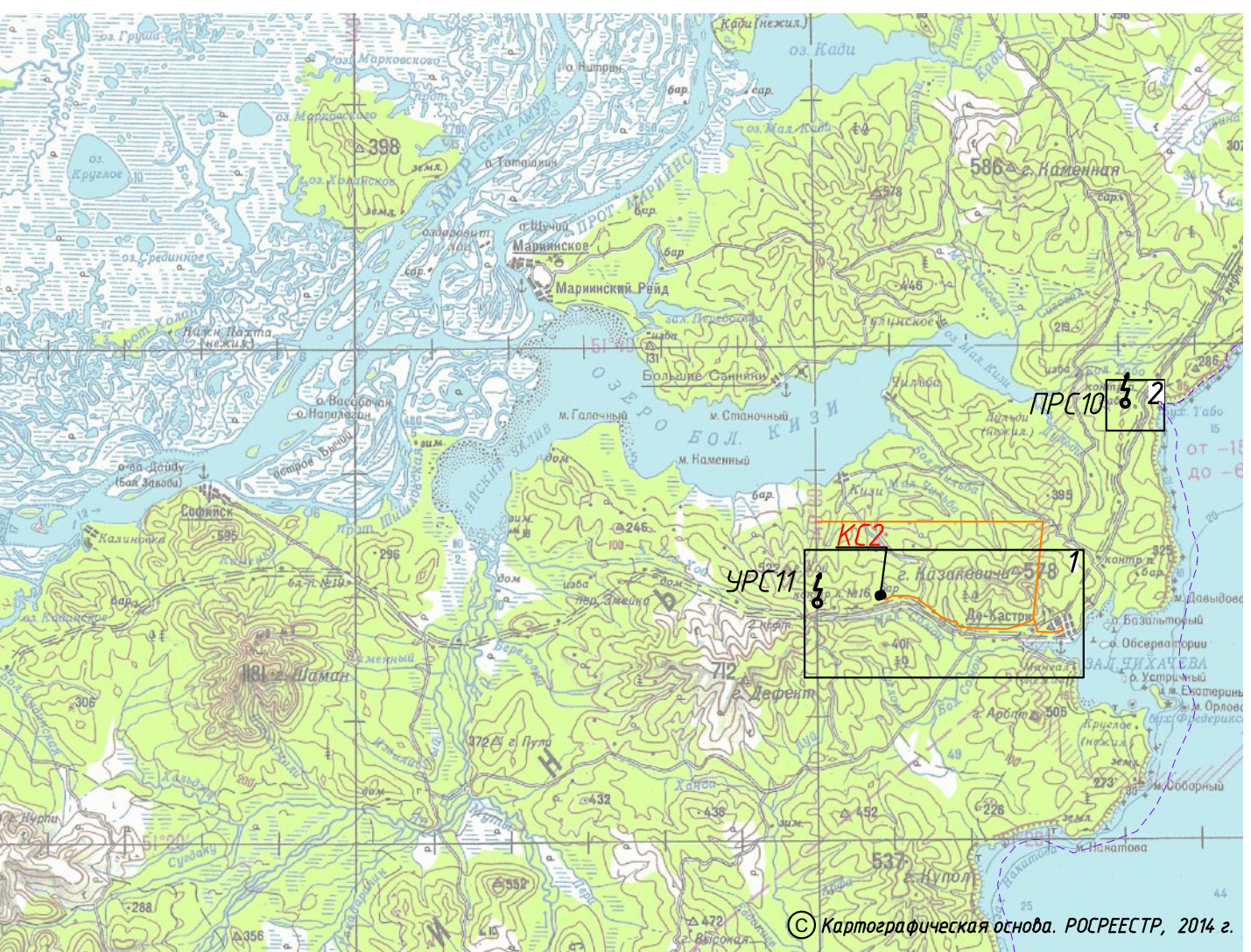
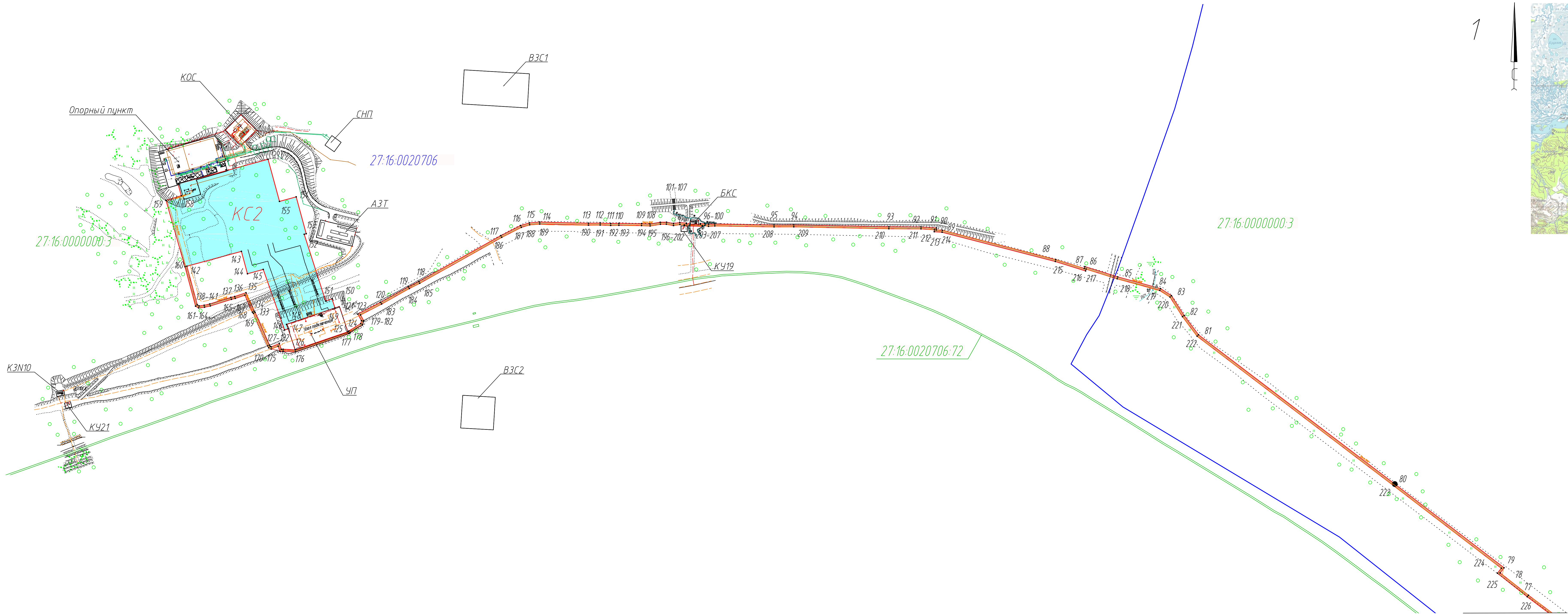
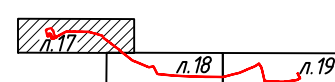


Схема расположения листов



УСЛОВНЫЕ ОБОЗНАЧЕНИЯ

- проектируемый отвод земельного участка под строительство
- существующие красные линии
- 27:07:0050122:3623 Обозначение земельных участков
- 27:07:0050122 Обозначение кадастровых кварталов
- Граница населенного пункта
- 1804 • Характерная точка красных линий

Система координат местная (МСК27)

линия сводки с черт. 4400/З К1-ППТ1-12.5-1 л.18

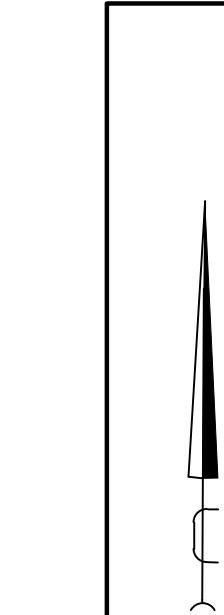
4400/З К1-ППТ1-12.5-1

Лист

17

Формат: А3х4

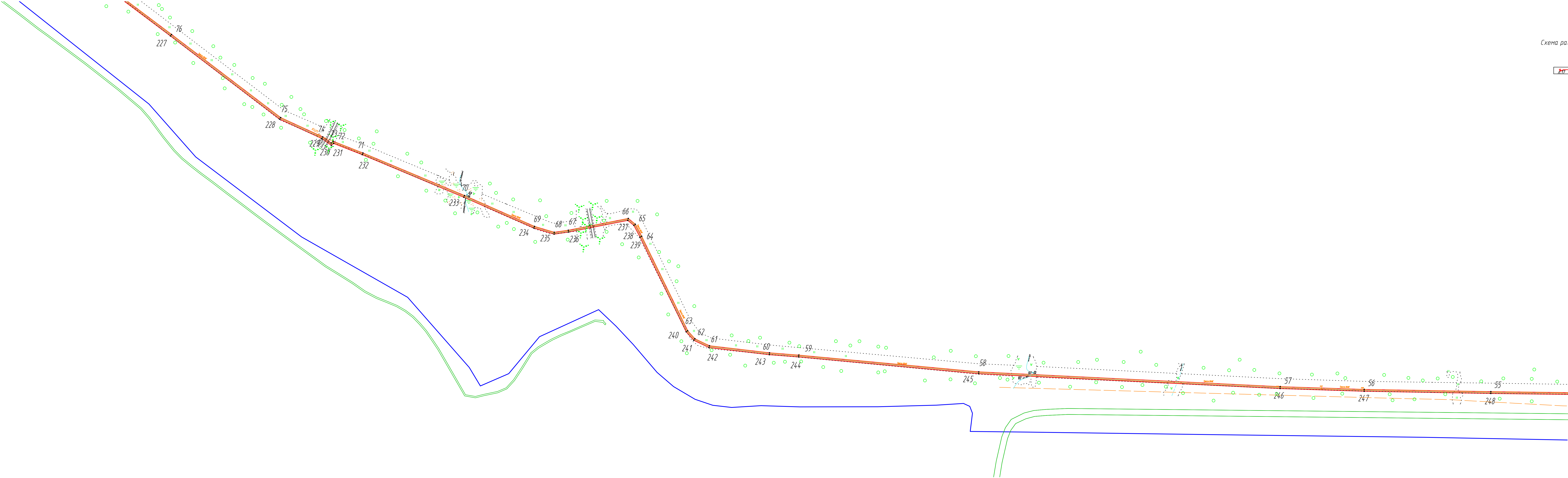
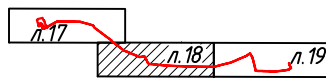




линия сводки с черт. 4400/З К1-ППТ1-12.5-1 л.17

Хабаровский край Ульчский район

Схема расположения листов



линия сводки с черт. 4400/З К1-ППТ1-12.5-1 л.19

УСЛОВНЫЕ ОБОЗНАЧЕНИЯ

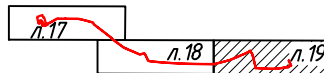
- проектируемый отвод земельного участка под строительство
- существующие красные линии
- 27.07.0050122-3623 Обозначение земельных участков
- 27.07.0050122 Обозначение кадастровых кварталов
- Граница населенного пункта
- 1804 Характерная точка красных линий

Система координат местная (МСК27)

|      |       |      |       |       |      |
|------|-------|------|-------|-------|------|
| Изм. | Колуч | Лист | № док | Подп. | Дата |
|      |       |      |       |       |      |

4400/З К1-ППТ1-12.5-1





линия съединя с черт. 4400/3 К1-ППТ1-12.5-1 л.18

27:16:0000000:3

27:16:0020516:109

27:16:0000000:300

27:16:0020401

27:16:0000000:266

Де-Кастри

27:16:0020404

27:16:0020403

27:16:0020516

27:16:0000000:266

27:16:0020402

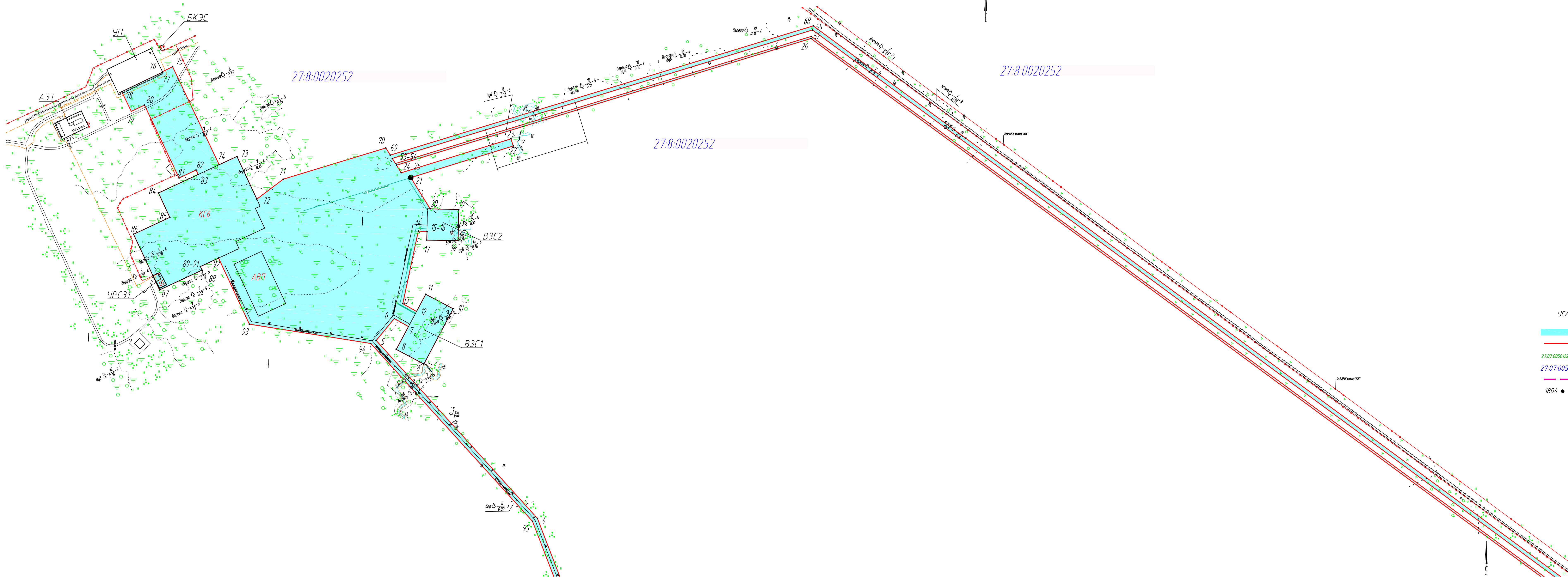
УСЛОВНЫЕ ОБОЗНАЧЕНИЯ

- проектируемый отвод земельного участка под строительство
- существующие красные линии
- Обозначение земельных участков
- Обозначение кадастровых кварталов
- Граница населенного пункта
- Характерная точка красных линий

|      |       |      |       |       |      |
|------|-------|------|-------|-------|------|
| Изм. | Колуч | Лист | № док | Подп. | Дата |
|      |       |      |       |       |      |



|      |
|------|
| л.20 |
| л.21 |
| л.22 |



УСЛОВНЫЕ ОБОЗНАЧЕНИЯ

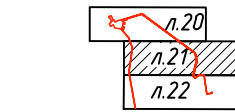
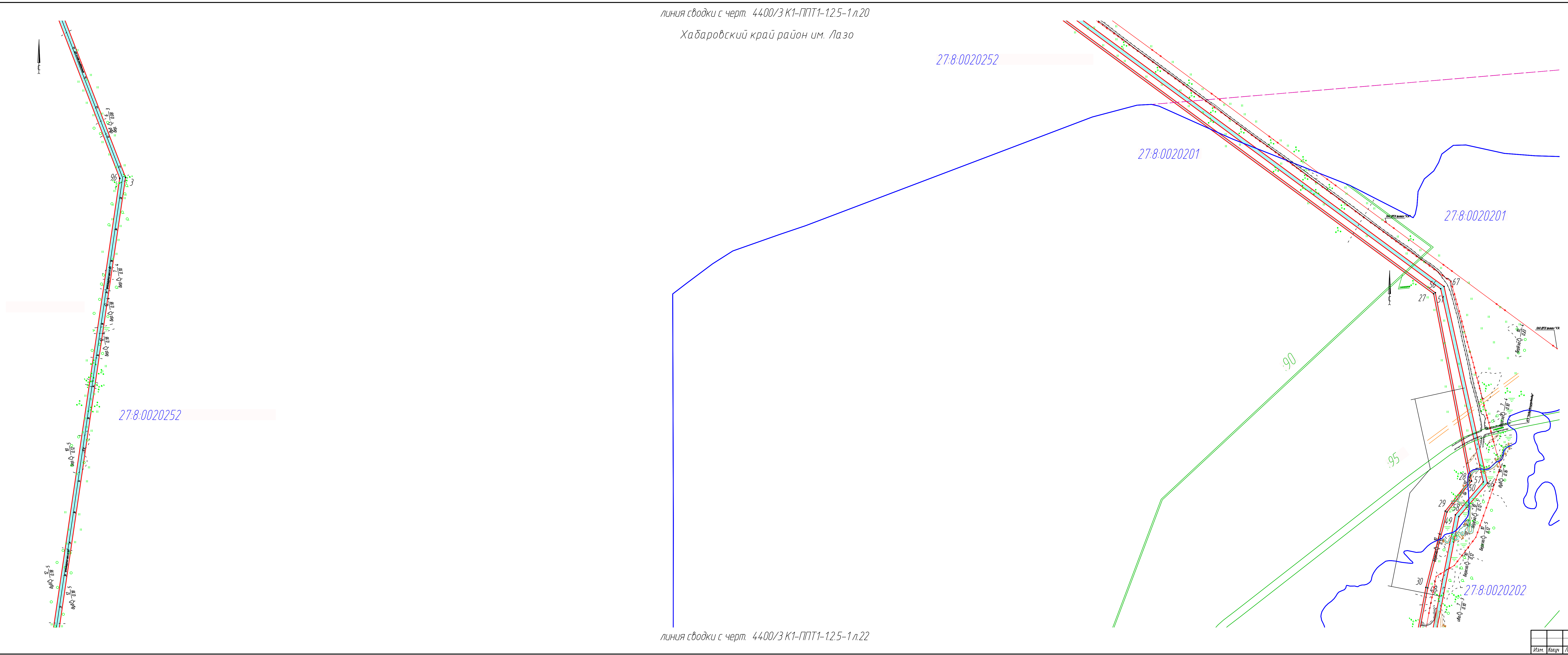
- проектируемый отвод земельного участка под строительство
- существующие красные линии
- 27:07:0050122:3623 Обозначение земельных участков
- 27:07:0050122 Обозначение кадастровых кварталов
- Граница населенного пункта
- 1804 • Характерная точка красных линий

Система координат местная (МСК27)  
Масштаб 1:5000

линия сводки с черт. 44:00/3 К1-ППТ1-12.5-1 л.21

|      |       |      |        |       |      |
|------|-------|------|--------|-------|------|
| Изм. | Колуч | Лист | № док. | Подп. | Дата |
|      |       |      |        |       |      |





- УСЛОВНЫЕ ОБОЗНАЧЕНИЯ
- проектируемый отвод земельного участка под строительство
  - существующие красные линии
  - 27:07:0050122-3623 Обозначение земельных участков
  - 27:07:0050122 Обозначение кадастровых кварталов
  - Граница населенного пункта
  - 1804 Характерная точка красных линий

Система координат местная (МСК27)

|      |      |      |        |       |      |
|------|------|------|--------|-------|------|
| Изм. | Кол. | Лист | № док. | Подп. | Дата |
|      |      |      |        |       |      |

4400/3 К1-ППТ1-12.5-1



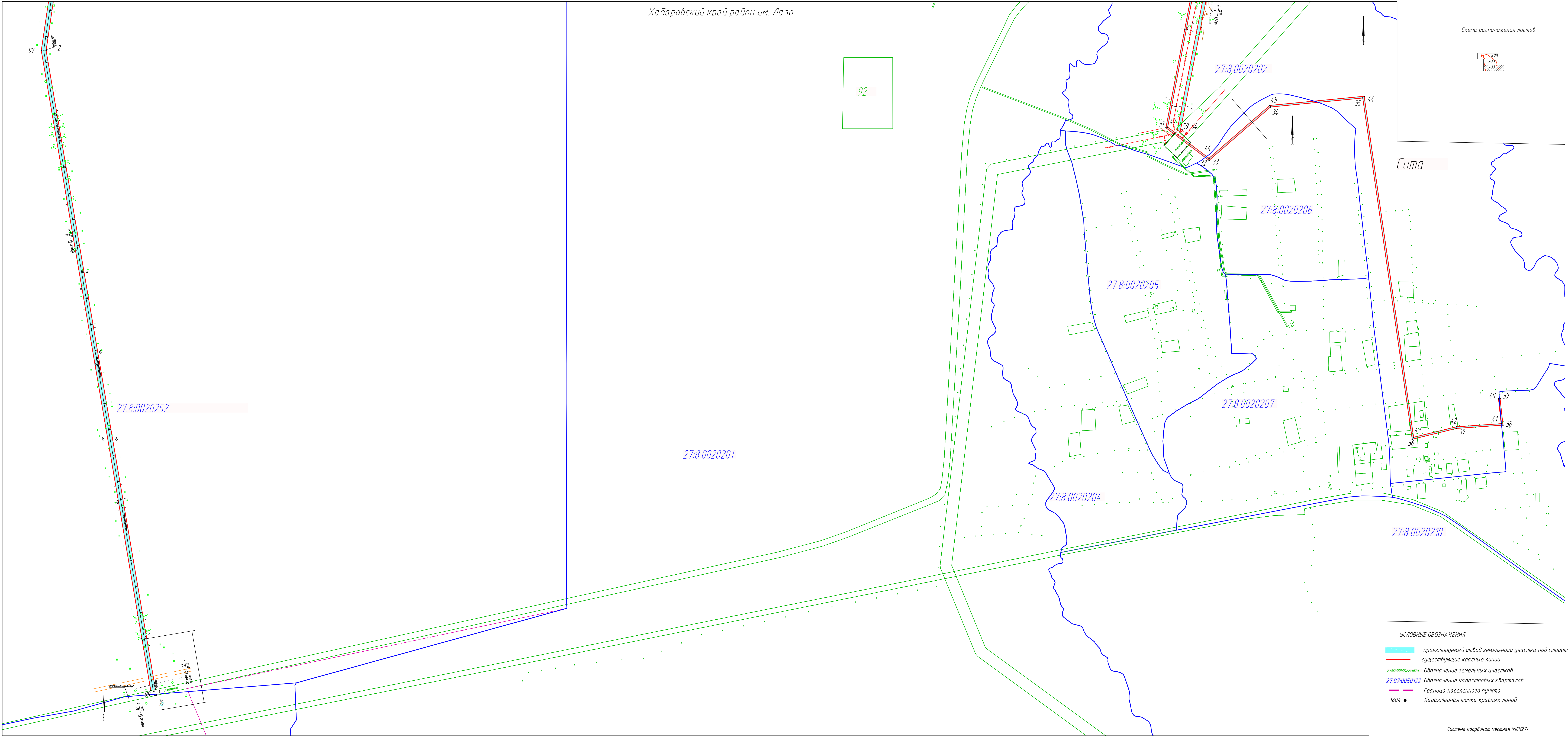
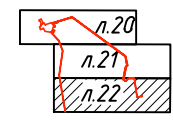


Схема расположения листов



УСЛОВНЫЕ ОБОЗНАЧЕНИЯ

- проектируемый отвод земельного участка под строительство
- существующие красные линии
- Обозначение земельных участков
- Обозначение кадастровых кварталов
- Граница населенного пункта
- Характерная точка красных линий

Система координат местная (МСК27)

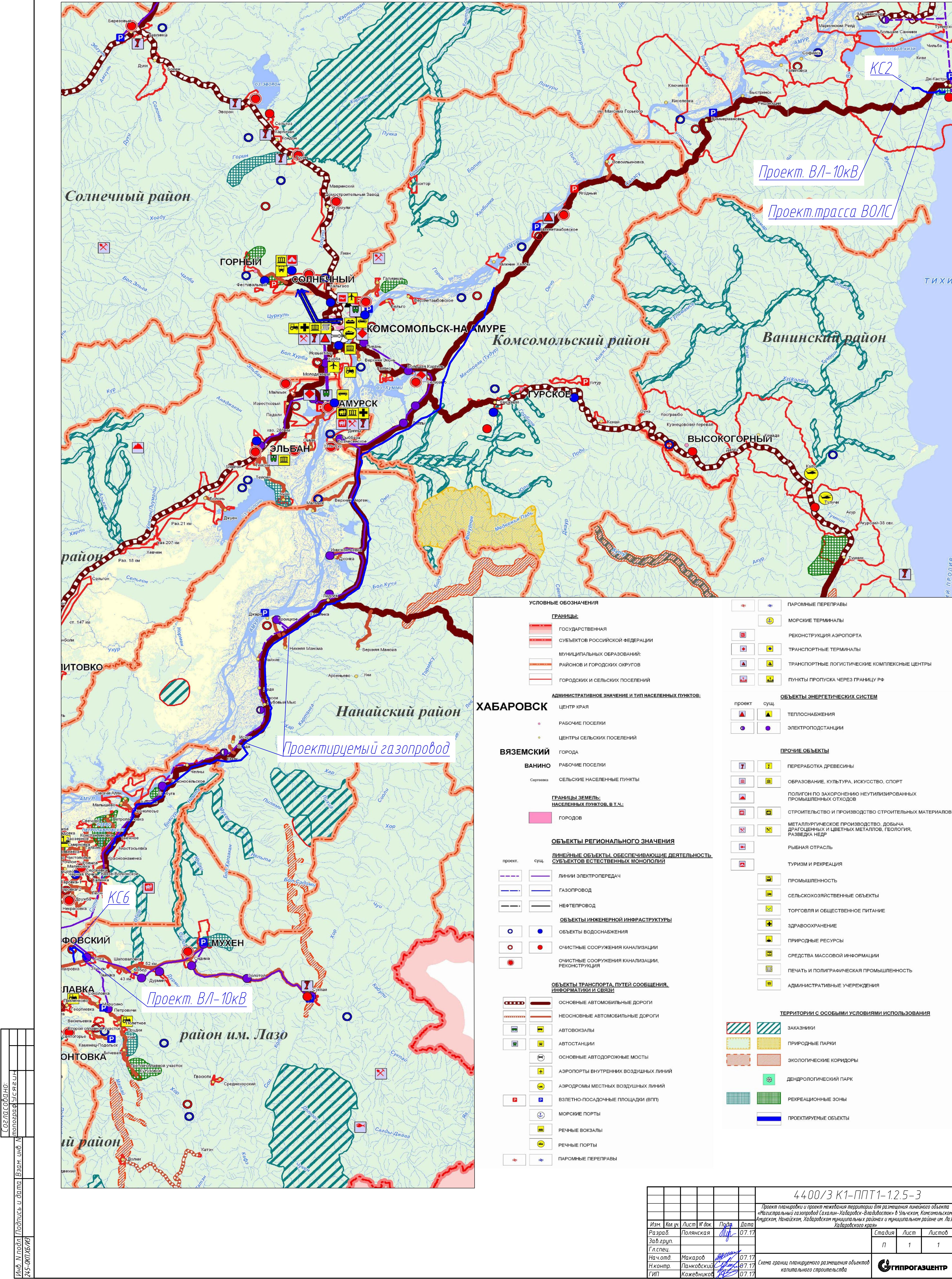
|      |       |      |        |       |      |
|------|-------|------|--------|-------|------|
| Изм. | Карт. | Лист | № док. | Подп. | Дата |
|      |       |      |        |       |      |







Схема границ планируемого размещения объектов капитального строительства





## Ведомость координат поворотных точек красных линий

| № точки                                                       | Координаты (МСК 27) |            | Длина     | Угол         |
|---------------------------------------------------------------|---------------------|------------|-----------|--------------|
|                                                               | Х                   | У          |           |              |
| трасса магистрального газопровода и подключающих коммуникаций |                     |            |           |              |
| 1                                                             | 704658.56           | 3387600.92 | 42 940,00 | 194° 43' 12" |
| 2                                                             | 704634.67           | 3387594.64 | 44.33     | 195° 10' 13" |
| 3                                                             | 704591.89           | 3387583.04 | 17.99     | 196° 35' 53" |
| 4                                                             | 704574.65           | 3387577.9  | 42 858,00 | 196° 35' 53" |
| 5                                                             | 704571.73           | 3387577.03 | 18.41     | 196° 35' 53" |
| 6                                                             | 704554.09           | 3387571.77 | 35.72     | 198° 6' 17"  |
| 7                                                             | 704520.14           | 3387560.67 | 30.99     | 199° 23' 34" |
| 8                                                             | 704490.91           | 3387550.38 | 21.23     | 196° 44' 15" |
| 9                                                             | 704470.58           | 3387544.27 | 269.74    | 196° 34' 10" |
| 10                                                            | 704212.04           | 3387467.34 | 42 892,00 | 196° 10' 26" |
| 11                                                            | 704205.69           | 3387465.5  | 159.57    | 204° 54' 35" |
| 12                                                            | 704060.96           | 3387398.29 | 43 082,00 | 233° 26' 42" |
| 13                                                            | 704053.15           | 3387387.76 | 17.96     | 207° 15' 8"  |
| 14                                                            | 704037.19           | 3387379.53 | 14.61     | 205° 39' 26" |
| 15                                                            | 704024.02           | 3387373.21 | 42 899,00 | 114° 46' 2"  |
| 16                                                            | 704018.55           | 3387385.07 | 85.37     | 205° 38' 18" |
| 17                                                            | 703941.58           | 3387348.13 | 107.46    | 205° 38' 18" |
| 18                                                            | 703844.7            | 3387301.63 | 23 590,00 | 292° 35' 24" |
| 19                                                            | 703848.02           | 3387293.66 | 189.8     | 204° 47' 34" |
| 20                                                            | 703675.71           | 3387214.06 | 488.96    | 198° 54' 37" |
| 21                                                            | 703213.14           | 3387055.6  | 36 404,00 | 198° 54' 6"  |
| 22                                                            | 703203.69           | 3387052.36 | 304.96    | 198° 53' 6"  |
| 23                                                            | 702915.15           | 3386953.66 | 180.38    | 199° 4' 50"  |
| 24                                                            | 702744.68           | 3386894.69 | 73.32     | 200° 12' 0"  |
| 25                                                            | 702675.87           | 3386869.37 | 199.52    | 198° 28' 9"  |
| 26                                                            | 702486.62           | 3386806.17 | 40.02     | 198° 27' 43" |
| 27                                                            | 702448.66           | 3386793.49 | 35 674,00 | 198° 30' 7"  |
| 28                                                            | 702439.2            | 3386790.33 | 39.99     | 198° 27' 43" |
| 29                                                            | 702401.27           | 3386777.66 | 10,00     | 198° 26' 50" |
| 30                                                            | 702391.78           | 3386774.5  | 40.02     | 198° 27' 43" |
| 31                                                            | 702353.82           | 3386761.82 | 35 674,00 | 198° 30' 7"  |
| 32                                                            | 702344.36           | 3386758.66 | 40.02     | 198° 27' 43" |
| 33                                                            | 702306.4            | 3386745.98 | 35 674,00 | 198° 30' 7"  |
| 34                                                            | 702296.94           | 3386742.82 | 31.16     | 198° 27' 43" |
| 35                                                            | 702267.38           | 3386732.95 | 11 536,00 | 180° 10' 18" |
| 36                                                            | 702259.07           | 3386732.93 | 42 916,00 | 142° 52' 35" |
| 37                                                            | 702235.11           | 3386751.07 | 250.06    | 124° 13' 44" |
| 38                                                            | 702094.45           | 3386957.82 | 18.64     | 124° 13' 39" |
| 39                                                            | 702083.96           | 3386973.23 | 218.44    | 124° 13' 47" |
| 40                                                            | 701961.09           | 3387153.83 | 42 797,00 | 36° 52' 51"  |
| 41                                                            | 701963.73           | 3387155.81 | 61.42     | 124° 14' 32" |
| 42                                                            | 701929.17           | 3387206.58 | 172.79    | 212° 36' 45" |
| 43                                                            | 701783.62           | 3387113.45 | 36 281,00 | 303° 19' 30" |
| 44                                                            | 701786.91           | 3387108.45 | 556.15    | 212° 38' 1"  |
| 45                                                            | 701318.56           | 3386808.53 | 24.63     | 212° 38' 1"  |



## Ведомость координат поворотных точек красных линий

|    |           |            |           |              |
|----|-----------|------------|-----------|--------------|
| 46 | 701297.82 | 3386795.25 | 818.75    | 212° 38' 1"  |
| 47 | 700608.32 | 3386353.73 | 13.42     | 204° 26' 20" |
| 48 | 700596.1  | 3386348.18 | 13.42     | 188° 1' 12"  |
| 49 | 700582.81 | 3386346.31 | 540.81    | 179° 48' 39" |
| 50 | 700042    | 3386348.09 | 1006.74   | 214° 8' 12"  |
| 51 | 699208.72 | 3385783.14 | 1233.99   | 195° 58' 7"  |
| 52 | 698022.36 | 3385443.66 | 274.86    | 285° 56' 25" |
| 53 | 698097.84 | 3385179.37 | 22.69     | 285° 56' 31" |
| 54 | 698104.07 | 3385157.55 | 139.77    | 285° 56' 2"  |
| 55 | 698142.44 | 3385023.15 | 35.97     | 263° 26' 2"  |
| 56 | 698138.33 | 3384987.41 | 35.97     | 218° 26' 0"  |
| 57 | 698110.15 | 3384965.05 | 882.14    | 195° 55' 59" |
| 58 | 697261.91 | 3384722.89 | 1162.56   | 200° 0' 12"  |
| 59 | 696169.48 | 3384325.21 | 620.46    | 198° 6' 41"  |
| 60 | 695579.76 | 3384132.33 | 380.08    | 195° 46' 19" |
| 61 | 695213.99 | 3384029.02 | 285.94    | 198° 53' 31" |
| 62 | 694943.45 | 3383936.44 | 469.6     | 201° 46' 11" |
| 63 | 694507.35 | 3383762.28 | 527.64    | 208° 38' 4"  |
| 64 | 694044.24 | 3383509.42 | 583.14    | 219° 45' 56" |
| 65 | 693596    | 3383136.42 | 31.97     | 199° 52' 58" |
| 66 | 693565.94 | 3383125.55 | 32.28     | 159° 54' 48" |
| 67 | 693535.62 | 3383136.63 | 205.03    | 139° 49' 39" |
| 68 | 693378.95 | 3383268.9  | 17.85     | 139° 51' 57" |
| 69 | 693365.3  | 3383280.41 | 257.87    | 139° 49' 24" |
| 70 | 693168.27 | 3383446.77 | 347.27    | 201° 56' 59" |
| 71 | 692846.17 | 3383316.96 | 300.01    | 201° 56' 33" |
| 72 | 692567.89 | 3383204.86 | 89.27     | 209° 44' 56" |
| 73 | 692490.39 | 3383160.56 | 35 125,00 | 199° 55' 3"  |
| 74 | 692486.66 | 3383159.21 | 74.15     | 199° 54' 38" |
| 75 | 692416.95 | 3383133.96 | 30.62     | 200° 28' 15" |
| 76 | 692388.26 | 3383123.25 | 42 878,00 | 199° 11' 59" |
| 77 | 692366.07 | 3383115.52 | 56.09     | 200° 33' 40" |
| 78 | 692313.56 | 3383095.82 | 45.99     | 200° 33' 18" |
| 79 | 692270.49 | 3383079.67 | 64,00     | 200° 33' 19" |
| 80 | 692210.56 | 3383057.2  | 60.01     | 200° 32' 39" |
| 81 | 692154.37 | 3383036.14 | 40,00     | 200° 33' 33" |
| 82 | 692116.92 | 3383022.1  | 45.99     | 200° 33' 18" |
| 83 | 692073.86 | 3383005.95 | 42 759,00 | 200° 32' 54" |
| 84 | 692051.38 | 3382997.52 | 20,00     | 200° 33' 2"  |
| 85 | 692032.65 | 3382990.5  | 19.99     | 200° 34' 5"  |
| 86 | 692013.93 | 3382983.48 | 30,00     | 200° 32' 39" |
| 87 | 691985.83 | 3382972.95 | 20,00     | 200° 33' 2"  |
| 88 | 691967.11 | 3382965.93 | 70.01     | 200° 33' 10" |
| 89 | 691901.56 | 3382941.35 | 19.98     | 200° 34' 5"  |
| 90 | 691882.85 | 3382934.33 | 18.74     | 196° 38' 8"  |
| 91 | 691864.9  | 3382928.97 | 40.26     | 137° 14' 15" |
| 92 | 691835.34 | 3382956.3  | 26.42     | 231° 56' 12" |
| 93 | 691819.05 | 3382935.5  | 31 260,00 | 141° 26' 8"  |
| 94 | 691812.13 | 3382941.01 | 424.48    | 125° 44' 57" |
| 95 | 691564.14 | 3383285.51 | 39.07     | 35° 45' 57"  |



## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 96  | 691595.84 | 3383308.35 | 30.44     | 125° 40' 41" |
| 97  | 691578.09 | 3383333.07 | 87.56     | 215° 44' 56" |
| 98  | 691507.02 | 3383281.92 | 30.46     | 305° 45' 57" |
| 99  | 691524.83 | 3383257.2  | 40.45     | 35° 45' 57"  |
| 100 | 691557.65 | 3383280.84 | 425.58    | 305° 44' 57" |
| 101 | 691806.29 | 3382935.44 | 42 745,00 | 321° 25' 24" |
| 102 | 691814.12 | 3382929.2  | 95,00     | 231° 56' 12" |
| 103 | 691755.55 | 3382854.4  | 33.86     | 231° 56' 12" |
| 104 | 691734.67 | 3382827.74 | 33.99     | 321° 51' 10" |
| 105 | 691761.4  | 3382806.75 | 43 001,00 | 230° 49' 18" |
| 106 | 691746.81 | 3382788.85 | 30.24     | 231° 43' 8"  |
| 107 | 691728.07 | 3382765.11 | 119.99    | 231° 42' 57" |
| 108 | 691653.73 | 3382670.92 | 34.02     | 231° 42' 19" |
| 109 | 691632.65 | 3382644.23 | 46,00     | 231° 43' 30" |
| 110 | 691604.16 | 3382608.12 | 38.48     | 231° 42' 43" |
| 111 | 691580.32 | 3382577.91 | 68.51     | 231° 42' 42" |
| 112 | 691537.87 | 3382524.14 | 339.47    | 232° 4' 15"  |
| 113 | 691329.2  | 3382256.37 | 366.82    | 232° 1' 36"  |
| 114 | 691103.49 | 3381967.21 | 117.08    | 232° 9' 14"  |
| 115 | 691031.66 | 3381874.75 | 727.3     | 231° 43' 11" |
| 116 | 690581.09 | 3381303.83 | 367.49    | 231° 53' 23" |
| 117 | 690354.28 | 3381014.67 | 351.38    | 231° 43' 48" |
| 118 | 690136.65 | 3380738.8  | 310.86    | 232° 18' 40" |
| 119 | 689946.6  | 3380492.81 | 105.48    | 231° 0' 55"  |
| 120 | 689880.24 | 3380410.82 | 86.71     | 229° 30' 47" |
| 121 | 689823.94 | 3380344.87 | 40.78     | 229° 5' 24"  |
| 122 | 689797.23 | 3380314.05 | 31.19     | 218° 47' 40" |
| 123 | 689772.92 | 3380294.51 | 21.21     | 222° 19' 10" |
| 124 | 689757.24 | 3380280.23 | 42.77     | 222° 36' 8"  |
| 125 | 689725.76 | 3380251.27 | 15.93     | 129° 54' 39" |
| 126 | 689715.54 | 3380263.49 | 253.44    | 219° 55' 14" |
| 127 | 689521.17 | 3380100.85 | 14.26     | 308° 52' 23" |
| 128 | 689530.11 | 3380089.75 | 183.3     | 220° 12' 30" |
| 129 | 689390.13 | 3379971.42 | 179.05    | 220° 17' 23" |
| 130 | 689253.55 | 3379855.64 | 79.26     | 221° 0' 43"  |
| 131 | 689193.74 | 3379803.62 | 191.11    | 219° 41' 28" |
| 132 | 689046.68 | 3379681.57 | 53.4      | 221° 12' 17" |
| 133 | 689006.51 | 3379646.39 | 305.59    | 219° 16' 0"  |
| 134 | 688769.92 | 3379452.98 | 30 133,00 | 129° 37' 39" |
| 135 | 688764.93 | 3379459    | 124.15    | 219° 54' 0"  |
| 136 | 688669.69 | 3379379.36 | 22 890,00 | 309° 56' 51" |
| 137 | 688675.86 | 3379371.99 | 83.02     | 220° 28' 40" |
| 138 | 688612.72 | 3379318.1  | 53.87     | 219° 46' 27" |
| 139 | 688571.31 | 3379283.63 | 25.17     | 221° 16' 38" |
| 140 | 688552.39 | 3379267.03 | 136.79    | 219° 43' 46" |
| 141 | 688447.19 | 3379179.59 | 44.67     | 219° 4' 8"   |
| 142 | 688412.51 | 3379151.44 | 84.19     | 218° 25' 4"  |
| 143 | 688346.54 | 3379099.12 | 203.04    | 220° 11' 8"  |
| 144 | 688191.43 | 3378968.11 | 268.42    | 219° 31' 56" |
| 145 | 687984.4  | 3378797.25 | 73.28     | 219° 23' 46" |



## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 146 | 687927.77 | 3378750.74 | 46.97     | 218° 49' 21" |
| 147 | 687891.18 | 3378721.3  | 63.77     | 220° 52' 42" |
| 148 | 687842.96 | 3378679.56 | 6,00      | 129° 52' 28" |
| 149 | 687839.12 | 3378684.17 | 137.31    | 219° 52' 28" |
| 150 | 687733.74 | 3378596.13 | 44 409,00 | 309° 52' 42" |
| 151 | 687739    | 3378589.83 | 20 180,00 | 223° 17' 48" |
| 152 | 687735.69 | 3378586.71 | 55.06     | 219° 13' 7"  |
| 153 | 687693.04 | 3378551.9  | 42.39     | 223° 21' 26" |
| 154 | 687662.22 | 3378522.8  | 44.21     | 218° 49' 32" |
| 155 | 687627.77 | 3378495.08 | 1230.13   | 205° 6' 46"  |
| 156 | 686513.92 | 3377973.01 | 346.58    | 275° 42' 21" |
| 157 | 686548.38 | 3377628.14 | 20.91     | 262° 51' 12" |
| 158 | 686545.78 | 3377607.4  | 24 898,00 | 237° 8' 54"  |
| 159 | 686543.78 | 3377604.31 | 58.6      | 221° 11' 27" |
| 160 | 686499.69 | 3377565.71 | 90.01     | 223° 12' 23" |
| 161 | 686434.08 | 3377504.09 | 195.32    | 220° 21' 0"  |
| 162 | 686285.22 | 3377377.63 | 60.85     | 220° 56' 36" |
| 163 | 686239.26 | 3377337.75 | 54.06     | 215° 58' 14" |
| 164 | 686195.51 | 3377306    | 34.39     | 223° 28' 21" |
| 165 | 686170.55 | 3377282.34 | 17 685,00 | 131° 19' 34" |
| 166 | 686166.27 | 3377287.2  | 57.6      | 219° 53' 34" |
| 167 | 686122.08 | 3377250.27 | 33 329,00 | 309° 53' 47" |
| 168 | 686125.22 | 3377246.5  | 34.97     | 219° 19' 59" |
| 169 | 686098.18 | 3377224.34 | 53.97     | 221° 18' 15" |
| 170 | 686057.63 | 3377188.71 | 180.97    | 219° 3' 58"  |
| 171 | 685917.12 | 3377074.66 | 55.68     | 219° 49' 50" |
| 172 | 685874.36 | 3377039    | 81.94     | 221° 56' 47" |
| 173 | 685813.42 | 3376984.22 | 45.56     | 221° 55' 24" |
| 174 | 685779.52 | 3376953.79 | 13.52     | 125° 56' 16" |
| 175 | 685771.59 | 3376964.73 | 99.07     | 218° 10' 8"  |
| 176 | 685693.7  | 3376903.51 | 34 943,00 | 312° 27' 46" |
| 177 | 685700.41 | 3376896.17 | 19,00     | 216° 2' 39"  |
| 178 | 685685.05 | 3376884.99 | 37.78     | 219° 18' 16" |
| 179 | 685655.81 | 3376861.06 | 209.52    | 220° 56' 40" |
| 180 | 685497.55 | 3376723.75 | 118.78    | 218° 46' 29" |
| 181 | 685404.95 | 3376649.37 | 180.3     | 210° 36' 42" |
| 182 | 685249.78 | 3376557.55 | 107.7     | 208° 39' 42" |
| 183 | 685155.27 | 3376505.9  | 247.64    | 208° 37' 55" |
| 184 | 684937.92 | 3376387.23 | 51.5      | 207° 53' 13" |
| 185 | 684892.4  | 3376363.14 | 30.65     | 207° 39' 56" |
| 186 | 684865.25 | 3376348.92 | 131.89    | 207° 11' 46" |
| 187 | 684747.94 | 3376288.64 | 44.77     | 207° 21' 39" |
| 188 | 684708.18 | 3376268.06 | 99.68     | 207° 53' 19" |
| 189 | 684620.08 | 3376221.43 | 110.15    | 208° 33' 40" |
| 190 | 684523.33 | 3376168.77 | 140.17    | 208° 29' 53" |
| 191 | 684400.14 | 3376101.89 | 188.75    | 208° 25' 37" |
| 192 | 684234.15 | 3376012.04 | 197.56    | 208° 28' 0"  |
| 193 | 684060.48 | 3375917.87 | 77.25     | 208° 33' 46" |
| 194 | 683992.63 | 3375880.94 | 46.78     | 207° 47' 58" |
| 195 | 683951.24 | 3375859.12 | 70,00     | 208° 26' 22" |



## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 196 | 683889.7  | 3375825.78 | 49.49     | 209° 48' 29" |
| 197 | 683846.76 | 3375801.18 | 42.32     | 206° 42' 30" |
| 198 | 683808.95 | 3375782.16 | 112.96    | 208° 20' 33" |
| 199 | 683709.53 | 3375728.54 | 70.83     | 208° 37' 9"  |
| 200 | 683647.36 | 3375694.61 | 50.12     | 209° 6' 22"  |
| 201 | 683603.57 | 3375670.23 | 99.99     | 209° 5' 54"  |
| 202 | 683516.19 | 3375621.6  | 89.29     | 209° 5' 58"  |
| 203 | 683438.17 | 3375578.18 | 31.16     | 206° 21' 58" |
| 204 | 683410.26 | 3375564.34 | 53.61     | 208° 0' 50"  |
| 205 | 683362.93 | 3375539.16 | 56.15     | 210° 3' 7"   |
| 206 | 683314.33 | 3375511.05 | 59.7      | 208° 54' 6"  |
| 207 | 683262.07 | 3375482.19 | 51.3      | 208° 51' 43" |
| 208 | 683217.14 | 3375457.43 | 139.8     | 208° 8' 14"  |
| 209 | 683093.86 | 3375391.5  | 160.01    | 208° 8' 8"   |
| 210 | 682952.76 | 3375316.05 | 158.74    | 208° 8' 15"  |
| 211 | 682812.78 | 3375241.19 | 321.34    | 208° 20' 14" |
| 212 | 682529.95 | 3375088.66 | 114.69    | 208° 20' 3"  |
| 213 | 682428.99 | 3375034.23 | 87.36     | 196° 48' 50" |
| 214 | 682345.37 | 3375008.95 | 165.25    | 215° 30' 11" |
| 215 | 682210.84 | 3374912.98 | 135.47    | 208° 0' 20"  |
| 216 | 682091.23 | 3374849.38 | 65.5      | 207° 37' 12" |
| 217 | 682033.2  | 3374819.01 | 94.91     | 208° 13' 45" |
| 218 | 681949.58 | 3374774.12 | 124.32    | 208° 27' 47" |
| 219 | 681840.29 | 3374714.87 | 236.7     | 198° 57' 18" |
| 220 | 681616.43 | 3374637.99 | 208.21    | 218° 23' 56" |
| 221 | 681453.26 | 3374508.66 | 49.01     | 207° 37' 8"  |
| 222 | 681409.83 | 3374485.94 | 197.45    | 208° 53' 14" |
| 223 | 681236.95 | 3374390.55 | 192.87    | 208° 33' 36" |
| 224 | 681067.55 | 3374298.35 | 151.93    | 208° 10' 29" |
| 225 | 680933.62 | 3374226.61 | 100.11    | 208° 6' 9"   |
| 226 | 680845.31 | 3374179.46 | 200.13    | 208° 35' 3"  |
| 227 | 680669.57 | 3374083.7  | 282.44    | 208° 33' 50" |
| 228 | 680421.51 | 3373948.66 | 29.91     | 208° 11' 46" |
| 229 | 680395.15 | 3373934.52 | 29.95     | 208° 11' 47" |
| 230 | 680368.75 | 3373920.37 | 169.75    | 208° 2' 59"  |
| 231 | 680218.94 | 3373840.55 | 139.15    | 207° 16' 20" |
| 232 | 680095.26 | 3373776.79 | 48.35     | 211° 21' 57" |
| 233 | 680053.97 | 3373751.62 | 42 955,00 | 211° 21' 28" |
| 234 | 680046.46 | 3373747.04 | 42 810,00 | 217° 49' 0"  |
| 235 | 680033.79 | 3373737.21 | 180.69    | 222° 43' 20" |
| 236 | 679901.05 | 3373614.62 | 96.06     | 222° 17' 50" |
| 237 | 679829.99 | 3373549.98 | 15.56     | 130° 8' 26"  |
| 238 | 679819.96 | 3373561.87 | 117.09    | 222° 15' 15" |
| 239 | 679733.29 | 3373483.13 | 15.41     | 312° 15' 16" |
| 240 | 679743.66 | 3373471.72 | 115.32    | 222° 6' 20"  |
| 241 | 679658.1  | 3373394.4  | 206.82    | 221° 50' 1"  |
| 242 | 679504    | 3373256.45 | 208.82    | 222° 28' 41" |
| 243 | 679349.98 | 3373115.44 | 194.38    | 222° 0' 18"  |
| 244 | 679205.54 | 3372985.36 | 162.21    | 221° 51' 16" |
| 245 | 679084.72 | 3372877.12 | 40.15     | 222° 2' 33"  |



## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 246 | 679054.9  | 3372850.23 | 104.44    | 222° 26' 23" |
| 247 | 678977.82 | 3372779.75 | 14.18     | 133° 4' 2"   |
| 248 | 678968.14 | 3372790.11 | 331.82    | 222° 13' 40" |
| 249 | 678722.43 | 3372567.1  | 16.41     | 312° 53' 55" |
| 250 | 678733.6  | 3372555.08 | 99.04     | 222° 13' 10" |
| 251 | 678660.26 | 3372488.53 | 28.32     | 132° 2' 34"  |
| 252 | 678641.29 | 3372509.56 | 46.3      | 222° 29' 29" |
| 253 | 678607.15 | 3372478.28 | 18 050,00 | 314° 51' 13" |
| 254 | 678611.73 | 3372473.68 | 44 713,00 | 222° 22' 21" |
| 255 | 678607.13 | 3372469.49 | 465.29    | 132° 15' 54" |
| 256 | 678294.19 | 3372813.82 | 45.93     | 42° 15' 44"  |
| 257 | 678328.18 | 3372844.71 | 50.08     | 132° 2' 57"  |
| 258 | 678294.64 | 3372881.9  | 100.33    | 222° 16' 1"  |
| 259 | 678220.4  | 3372814.42 | 50.07     | 312° 31' 38" |
| 260 | 678254.24 | 3372777.51 | 45.99     | 42° 15' 52"  |
| 261 | 678288.27 | 3372808.44 | 441.36    | 312° 16' 3"  |
| 262 | 678585.13 | 3372481.83 | 46 478,00 | 185° 56' 17" |
| 263 | 678580.88 | 3372481.39 | 34 090,00 | 204° 36' 6"  |
| 264 | 678575.49 | 3372478.92 | 20.84     | 216° 43' 55" |
| 265 | 678558.79 | 3372466.46 | 38.13     | 211° 5' 21"  |
| 266 | 678526.13 | 3372446.77 | 21.54     | 208° 57' 25" |
| 267 | 678507.29 | 3372436.34 | 18.64     | 215° 33' 33" |
| 268 | 678492.13 | 3372425.5  | 20.92     | 205° 36' 57" |
| 269 | 678473.27 | 3372416.46 | 52.12     | 207° 34' 43" |
| 270 | 678427.07 | 3372392.33 | 56.9      | 208° 16' 37" |
| 271 | 678376.96 | 3372365.37 | 43 069,00 | 203° 29' 55" |
| 272 | 678349.35 | 3372353.37 | 135.74    | 208° 48' 14" |
| 273 | 678230.41 | 3372287.97 | 36 220,00 | 118° 6' 25"  |
| 274 | 678228.52 | 3372291.49 | 42 894,00 | 208° 7' 53"  |
| 275 | 678220.94 | 3372287.43 | 45 748,00 | 297° 50' 21" |
| 276 | 678222.92 | 3372283.68 | 15.71     | 207° 50' 21" |
| 277 | 678209.03 | 3372276.34 | 35.05     | 209° 41' 44" |
| 278 | 678178.58 | 3372258.98 | 24.14     | 208° 51' 28" |
| 279 | 678157.44 | 3372247.33 | 14.35     | 217° 14' 52" |
| 280 | 678146.02 | 3372238.64 | 17.58     | 222° 33' 5"  |
| 281 | 678133.06 | 3372226.75 | 42.53     | 223° 16' 2"  |
| 282 | 678102.09 | 3372197.6  | 41.93     | 221° 44' 56" |
| 283 | 678070.81 | 3372169.68 | 46.47     | 223° 51' 26" |
| 284 | 678037.3  | 3372137.48 | 42 937,00 | 217° 25' 11" |
| 285 | 678020.06 | 3372124.29 | 34,00     | 219° 17' 17" |
| 286 | 677993.75 | 3372102.76 | 33 329,00 | 132° 42' 27" |
| 287 | 677990.42 | 3372106.37 | 9,00      | 222° 42' 27" |
| 288 | 677983.8  | 3372100.27 | 32 599,00 | 312° 42' 27" |
| 289 | 677987.12 | 3372096.67 | 35.76     | 228° 58' 43" |
| 290 | 677963.65 | 3372069.69 | 71.11     | 222° 38' 50" |
| 291 | 677911.35 | 3372021.52 | 152.03    | 133° 3' 13"  |
| 292 | 677807.56 | 3372132.61 | 128.9     | 43° 15' 44"  |
| 293 | 677901.43 | 3372220.95 | 190.12    | 133° 15' 44" |
| 294 | 677771.13 | 3372359.41 | 164.13    | 223° 14' 27" |
| 295 | 677651.56 | 3372246.96 | 82.3      | 133° 15' 9"  |



## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 296 | 677595.17 | 3372306.9  | 160.86    | 223° 11' 34" |
| 297 | 677477.89 | 3372196.8  | 42.34     | 312° 30' 41" |
| 298 | 677506.5  | 3372165.59 | 17 593,00 | 45° 27' 57"  |
| 299 | 677508.94 | 3372168.07 | 15 067,00 | 11° 55' 20"  |
| 300 | 677513.25 | 3372168.98 | 35 612,00 | 357° 50' 30" |
| 301 | 677521.21 | 3372168.68 | 0.36      | 37° 11' 5"   |
| 302 | 677521.5  | 3372168.9  | 11 567,00 | 319° 42' 21" |
| 303 | 677528.6  | 3372162.88 | 17.14     | 314° 25' 58" |
| 304 | 677540.6  | 3372150.64 | 25.23     | 311° 16' 17" |
| 305 | 677557.24 | 3372131.68 | 42 953,00 | 314° 27' 48" |
| 306 | 677562    | 3372126.83 | 42 953,00 | 300° 58' 42" |
| 307 | 677565.5  | 3372121    | 34 455,00 | 287° 32' 59" |
| 308 | 677567.29 | 3372115.34 | 35 977,00 | 256° 39' 39" |
| 309 | 677565.45 | 3372107.58 | 33 543,00 | 233° 9' 32"  |
| 310 | 677558.31 | 3372098.05 | 35 582,00 | 244° 52' 8"  |
| 311 | 677555.35 | 3372091.74 | 16 132,00 | 246° 29' 41" |
| 312 | 677553.98 | 3372088.59 | 0.31      | 144° 14' 46" |
| 313 | 677553.73 | 3372088.77 | 44 774,00 | 222° 32' 10" |
| 314 | 677547.67 | 3372083.21 | 42 955,00 | 223° 44' 49" |
| 315 | 677541.83 | 3372077.62 | 13 210,00 | 237° 1' 8"   |
| 316 | 677540    | 3372074.8  | 42 927,00 | 0° 2' 56"    |
| 317 | 677551.7  | 3372074.81 | 42 491,00 | 313° 39' 51" |
| 318 | 677555.26 | 3372071.08 | 13.76     | 358° 47' 33" |
| 319 | 677569.02 | 3372070.79 | 16.31     | 314° 9' 19"  |
| 320 | 677580.38 | 3372059.09 | 42 869,00 | 269° 19' 42" |
| 321 | 677580.21 | 3372044.59 | 73.22     | 313° 4' 47"  |
| 322 | 677630.22 | 3371991.11 | 123.96    | 222° 53' 23" |
| 323 | 677539.4  | 3371906.74 | 113.37    | 312° 30' 33" |
| 324 | 677616    | 3371823.17 | 13.52     | 257° 51' 3"  |
| 325 | 677613.16 | 3371809.95 | 22 616,00 | 268° 9' 13"  |
| 326 | 677612.75 | 3371797.35 | 42 705,00 | 301° 10' 36" |
| 327 | 677619.05 | 3371786.94 | 14.39     | 311° 22' 53" |
| 328 | 677628.56 | 3371776.14 | 34.18     | 232° 42' 55" |
| 329 | 677607.85 | 3371748.95 | 28 216,00 | 320° 25' 44" |
| 330 | 677611.53 | 3371745.91 | 32.96     | 49° 38' 20"  |
| 331 | 677632.88 | 3371771.03 | 33.47     | 311° 23' 59" |
| 332 | 677655.01 | 3371745.92 | 19 085,00 | 280° 33' 37" |
| 333 | 677655.84 | 3371741.48 | 19.33     | 265° 25' 43" |
| 334 | 677654.3  | 3371722.21 | 60.28     | 272° 11' 49" |
| 335 | 677656.61 | 3371661.97 | 12 905,00 | 250° 27' 8"  |
| 336 | 677654.82 | 3371656.93 | 17.55     | 279° 36' 52" |
| 337 | 677657.76 | 3371639.63 | 25 173,00 | 13° 25' 41"  |
| 338 | 677670.09 | 3371642.57 | 19.91     | 359° 4' 45"  |
| 339 | 677690    | 3371642.25 | 34 486,00 | 343° 30' 56" |
| 340 | 677696.66 | 3371640.28 | 22.87     | 222° 14' 51" |
| 341 | 677679.73 | 3371624.9  | 104.17    | 222° 14' 51" |
| 342 | 677602.62 | 3371554.87 | 103.28    | 231° 53' 2"  |
| 343 | 677538.87 | 3371473.62 | 23 924,00 | 221° 17' 27" |
| 344 | 677533.12 | 3371468.57 | 44.03     | 226° 50' 19" |
| 345 | 677503    | 3371436.45 | 35 400,00 | 230° 38' 23" |



## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 346 | 677494.79 | 3371426.44 | 199.12    | 215° 56' 55" |
| 347 | 677333.59 | 3371309.54 | 34.78     | 125° 47' 43" |
| 348 | 677313.25 | 3371337.75 | 42.65     | 215° 49' 41" |
| 349 | 677278.68 | 3371312.79 | 17.64     | 95° 0' 2"    |
| 350 | 677277.14 | 3371330.36 | 42 888,00 | 152° 44' 34" |
| 351 | 677275.31 | 3371331.3  | 16.23     | 82° 7' 48"   |
| 352 | 677277.53 | 3371347.38 | 20.14     | 66° 22' 13"  |
| 353 | 677285.61 | 3371365.84 | 20.38     | 48° 30' 36"  |
| 354 | 677299.1  | 3371381.1  | 19.57     | 39° 37' 58"  |
| 355 | 677314.18 | 3371393.58 | 17 685,00 | 40° 58' 33"  |
| 356 | 677319.07 | 3371397.83 | 13.89     | 41° 49' 42"  |
| 357 | 677329.42 | 3371407.09 | 42 839,00 | 37° 0' 0"    |
| 358 | 677340.91 | 3371415.76 | 24.14     | 34° 36' 29"  |
| 359 | 677360.78 | 3371429.47 | 14.72     | 33° 18' 0"   |
| 360 | 677373.09 | 3371437.55 | 25.33     | 35° 55' 32"  |
| 361 | 677393.6  | 3371452.41 | 14.73     | 35° 28' 27"  |
| 362 | 677405.6  | 3371460.96 | 45 444,00 | 40° 48' 35"  |
| 363 | 677410.32 | 3371465.04 | 23 955,00 | 45° 6' 57"   |
| 364 | 677416.43 | 3371471.17 | 28 460,00 | 49° 13' 23"  |
| 365 | 677424.77 | 3371480.84 | 18 872,00 | 52° 21' 29"  |
| 366 | 677430.58 | 3371488.37 | 16.25     | 56° 7' 12"   |
| 367 | 677439.64 | 3371501.86 | 42 932,00 | 59° 0' 33"   |
| 368 | 677448.24 | 3371516.18 | 42 866,00 | 59° 36' 30"  |
| 369 | 677454.05 | 3371526.1  | 30 437,00 | 32° 46' 41"  |
| 370 | 677458.95 | 3371529.25 | 14.76     | 1° 17' 19"   |
| 371 | 677473.71 | 3371529.59 | 16.95     | 165° 57' 6"  |
| 372 | 677457.27 | 3371533.7  | 22,00     | 150° 20' 9"  |
| 373 | 677438.15 | 3371544.59 | 15.91     | 144° 24' 44" |
| 374 | 677425.21 | 3371553.85 | 42 965,00 | 308° 54' 28" |
| 375 | 677436.56 | 3371539.78 | 14 032,00 | 268° 22' 52" |
| 376 | 677436.38 | 3371533.41 | 32 387,00 | 245° 16' 54" |
| 377 | 677432.25 | 3371524.43 | 34.36     | 241° 25' 22" |
| 378 | 677415.82 | 3371494.26 | 26.86     | 229° 15' 41" |
| 379 | 677398.29 | 3371473.91 | 27.85     | 221° 12' 10" |
| 380 | 677377.33 | 3371455.56 | 51.78     | 216° 38' 40" |
| 381 | 677335.79 | 3371424.66 | 40.13     | 211° 29' 29" |
| 382 | 677301.57 | 3371403.7  | 21 367,00 | 214° 17' 37" |
| 383 | 677295.31 | 3371399.43 | 41 852,00 | 223° 17' 43" |
| 384 | 677289.39 | 3371393.85 | 36 373,00 | 230° 48' 22" |
| 385 | 677283.71 | 3371386.88 | 17 807,00 | 236° 32' 33" |
| 386 | 677277.93 | 3371378.14 | 42 931,00 | 243° 46' 11" |
| 387 | 677271.27 | 3371364.61 | 17.95     | 253° 23' 13" |
| 388 | 677266.14 | 3371347.42 | 42 959,00 | 262° 25' 24" |
| 389 | 677264.54 | 3371335.44 | 44 835,00 | 269° 39' 51" |
| 390 | 677264.48 | 3371325.22 | 42 925,00 | 275° 57' 36" |
| 391 | 677265.49 | 3371315.58 | 26 177,00 | 282° 20' 24" |
| 392 | 677267.57 | 3371306.09 | 42 005,00 | 286° 4' 42"  |
| 393 | 677267.88 | 3371304.99 | 42 951,00 | 215° 49' 41" |
| 394 | 677264.57 | 3371302.6  | 27 181,00 | 306° 10' 30" |
| 395 | 677268.55 | 3371297.16 | 53.32     | 216° 10' 30" |



## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 396 | 677225.51 | 3371265.69 | 29.02     | 305° 49' 21" |
| 397 | 677242.49 | 3371242.16 | 20.73     | 217° 7' 47"  |
| 398 | 677225.96 | 3371229.64 | 42 996,00 | 216° 2' 2"   |
| 399 | 677211.33 | 3371219    | 15.73     | 215° 32' 38" |
| 400 | 677198.53 | 3371209.85 | 46.69     | 215° 51' 11" |
| 401 | 677160.69 | 3371182.51 | 14.16     | 210° 9' 23"  |
| 402 | 677148.44 | 3371175.39 | 152.32    | 216° 2' 48"  |
| 403 | 677025.29 | 3371085.76 | 108.92    | 215° 24' 42" |
| 404 | 676936.52 | 3371022.65 | 249.12    | 216° 18' 53" |
| 405 | 676735.79 | 3370875.12 | 417.59    | 215° 51' 35" |
| 406 | 676397.35 | 3370630.49 | 274.27    | 216° 12' 23" |
| 407 | 676176.04 | 3370468.48 | 198.62    | 216° 9' 47"  |
| 408 | 676015.68 | 3370351.28 | 158.28    | 215° 52' 7"  |
| 409 | 675887.42 | 3370258.53 | 281.5     | 215° 48' 24" |
| 410 | 675659.12 | 3370093.84 | 149.94    | 215° 53' 11" |
| 411 | 675537.64 | 3370005.95 | 262.89    | 215° 51' 27" |
| 412 | 675324.57 | 3369851.95 | 211.38    | 216° 6' 47"  |
| 413 | 675153.81 | 3369727.37 | 205,00    | 216° 27' 18" |
| 414 | 674988.92 | 3369605.56 | 189.34    | 215° 58' 21" |
| 415 | 674835.69 | 3369494.35 | 188.68    | 216° 3' 53"  |
| 416 | 674683.17 | 3369383.27 | 152.86    | 215° 59' 10" |
| 417 | 674559.49 | 3369293.45 | 149.83    | 215° 58' 49" |
| 418 | 674438.24 | 3369205.43 | 160.04    | 215° 58' 55" |
| 419 | 674308.74 | 3369111.4  | 230.04    | 215° 59' 24" |
| 420 | 674122.61 | 3368976.22 | 119.6     | 215° 57' 47" |
| 421 | 674025.81 | 3368905.98 | 207.02    | 215° 58' 9"  |
| 422 | 673858.26 | 3368784.39 | 155.89    | 215° 24' 49" |
| 423 | 673731.21 | 3368694.06 | 173.68    | 215° 55' 18" |
| 424 | 673590.56 | 3368592.16 | 0.22      | 126° 4' 10"  |
| 425 | 673590.43 | 3368592.34 | 1,00      | 216° 4' 10"  |
| 426 | 673589.62 | 3368591.75 | 0.22      | 306° 4' 10"  |
| 427 | 673589.75 | 3368591.57 | 73.37     | 215° 55' 18" |
| 428 | 673530.33 | 3368548.53 | 153.63    | 216° 3' 37"  |
| 429 | 673406.14 | 3368458.1  | 71.41     | 216° 8' 54"  |
| 430 | 673348.48 | 3368415.98 | 0.19      | 126° 4' 10"  |
| 431 | 673348.37 | 3368416.13 | 1,00      | 216° 4' 10"  |
| 432 | 673347.56 | 3368415.54 | 0.19      | 306° 4' 10"  |
| 433 | 673347.67 | 3368415.39 | 194.59    | 216° 8' 54"  |
| 434 | 673190.54 | 3368300.6  | 120.86    | 216° 32' 50" |
| 435 | 673093.45 | 3368228.63 | 188.19    | 215° 14' 58" |
| 436 | 672939.76 | 3368120.02 | 41.09     | 217° 24' 25" |
| 437 | 672907.12 | 3368095.06 | 213.52    | 216° 2' 49"  |
| 438 | 672734.48 | 3367969.41 | 182.18    | 215° 51' 49" |
| 439 | 672586.84 | 3367862.68 | 384.09    | 215° 48' 0"  |
| 440 | 672275.31 | 3367638    | 282.89    | 198° 59' 51" |
| 441 | 672007.83 | 3367545.91 | 236.18    | 198° 45' 27" |
| 442 | 671784.2  | 3367469.97 | 130.76    | 199° 19' 21" |
| 443 | 671660.8  | 3367426.7  | 89.63     | 198° 22' 55" |
| 444 | 671575.75 | 3367398.44 | 204.51    | 199° 17' 47" |
| 445 | 671382.73 | 3367330.86 | 187.81    | 198° 56' 55" |



## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 446 | 671205.1  | 3367269.87 | 323.46    | 198° 43' 43" |
| 447 | 670898.76 | 3367166.01 | 147.81    | 199° 11' 5"  |
| 448 | 670759.17 | 3367117.44 | 243.6     | 199° 0' 15"  |
| 449 | 670528.84 | 3367038.11 | 100.95    | 198° 56' 23" |
| 450 | 670433.35 | 3367005.35 | 245.3     | 198° 42' 31" |
| 451 | 670201.02 | 3366926.67 | 66.14     | 199° 1' 49"  |
| 452 | 670138.5  | 3366905.1  | 189.91    | 199° 26' 28" |
| 453 | 669959.41 | 3366841.89 | 451.15    | 198° 47' 7"  |
| 454 | 669532.29 | 3366696.61 | 85.97     | 199° 7' 22"  |
| 455 | 669451.07 | 3366668.45 | 299.93    | 199° 7' 22"  |
| 456 | 669167.69 | 3366570.19 | 143,00    | 199° 59' 33" |
| 457 | 669033.31 | 3366521.3  | 167.33    | 197° 54' 14" |
| 458 | 668874.09 | 3366469.86 | 286.99    | 198° 47' 1"  |
| 459 | 668602.38 | 3366377.45 | 450.8     | 199° 7' 50"  |
| 460 | 668176.47 | 3366229.72 | 223.69    | 198° 20' 36" |
| 461 | 667964.15 | 3366159.32 | 103.06    | 198° 48' 21" |
| 462 | 667866.59 | 3366126.1  | 124.02    | 199° 11' 35" |
| 463 | 667749.46 | 3366085.32 | 222.24    | 198° 58' 58" |
| 464 | 667539.3  | 3366013.03 | 345.22    | 199° 2' 27"  |
| 465 | 667212.97 | 3365900.41 | 206.46    | 198° 56' 22" |
| 466 | 667017.69 | 3365833.39 | 132.85    | 199° 46' 27" |
| 467 | 666892.67 | 3365788.45 | 191.94    | 204° 50' 32" |
| 468 | 666718.49 | 3365707.81 | 275.81    | 206° 36' 22" |
| 469 | 666471.88 | 3365584.29 | 168.38    | 205° 23' 19" |
| 470 | 666319.77 | 3365512.09 | 14.97     | 115° 55' 57" |
| 471 | 666313.22 | 3365525.56 | 314.86    | 205° 55' 57" |
| 472 | 666030.07 | 3365387.86 | 14.58     | 298° 15' 18" |
| 473 | 666036.97 | 3365375.02 | 145.42    | 206° 5' 34"  |
| 474 | 665906.38 | 3365311.06 | 87.23     | 205° 55' 49" |
| 475 | 665827.93 | 3365272.92 | 170.67    | 205° 56' 16" |
| 476 | 665674.45 | 3365198.27 | 224.02    | 205° 56' 6"  |
| 477 | 665472.99 | 3365100.29 | 71.49     | 206° 44' 12" |
| 478 | 665409.14 | 3365068.13 | 747.65    | 222° 34' 10" |
| 479 | 664858.53 | 3364562.36 | 30.37     | 203° 43' 4"  |
| 480 | 664830.72 | 3364550.14 | 30.37     | 166° 0' 51"  |
| 481 | 664801.25 | 3364557.48 | 90.34     | 147° 9' 45"  |
| 482 | 664725.34 | 3364606.47 | 24 228,00 | 57° 9' 45"   |
| 483 | 664728.41 | 3364611.23 | 330.36    | 147° 9' 45"  |
| 484 | 664450.84 | 3364790.36 | 24 228,00 | 237° 9' 45"  |
| 485 | 664447.77 | 3364785.61 | 138.33    | 147° 9' 45"  |
| 486 | 664331.55 | 3364860.62 | 153.73    | 232° 31' 31" |
| 487 | 664238.02 | 3364738.62 | 42 866,00 | 142° 31' 31" |
| 488 | 664228.9  | 3364745.61 | 366.71    | 232° 31' 30" |
| 489 | 664005.78 | 3364454.58 | 42 866,00 | 322° 31' 31" |
| 490 | 664014.91 | 3364447.59 | 63.37     | 232° 31' 31" |
| 491 | 663976.35 | 3364397.3  | 43 057,00 | 220° 22' 4"  |
| 492 | 663962.55 | 3364385.57 | 43 057,00 | 196° 3' 12"  |
| 493 | 663945.15 | 3364380.56 | 640.01    | 183° 53' 45" |
| 494 | 663306.62 | 3364337.07 | 280.88    | 179° 21' 50" |
| 495 | 663025.75 | 3364340.19 | 55.1      | 179° 21' 50" |



## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 496 | 662970.65 | 3364340.8  | 260.97    | 179° 21' 50" |
| 497 | 662709.7  | 3364343.7  | 262.29    | 185° 6' 35"  |
| 498 | 662448.45 | 3364320.34 | 80.78     | 215° 38' 51" |
| 499 | 662382.8  | 3364273.26 | 42 875,00 | 215° 38' 51" |
| 500 | 662366.51 | 3364261.58 | 345.22    | 215° 38' 51" |
| 501 | 662085.98 | 3364060.39 | 14.23     | 206° 57' 4"  |
| 502 | 662073.3  | 3364053.93 | 14.23     | 189° 31' 53" |
| 503 | 662059.26 | 3364051.58 | 284.69    | 180° 49' 18" |
| 504 | 661774.59 | 3364047.49 | 151.01    | 199° 40' 39" |
| 505 | 661632.4  | 3363996.64 | 3124.77   | 187° 6' 41"  |
| 506 | 658531.66 | 3363609.81 | 119.19    | 171° 27' 14" |
| 507 | 658413.8  | 3363627.52 | 159.99    | 198° 44' 21" |
| 508 | 658262.29 | 3363576.12 | 1521.27   | 187° 7' 9"   |
| 509 | 656752.75 | 3363387.58 | 247.21    | 212° 33' 25" |
| 510 | 656544.39 | 3363254.55 | 17.17     | 202° 2' 5"   |
| 511 | 656528.48 | 3363248.11 | 17.17     | 180° 59' 26" |
| 512 | 656511.31 | 3363247.82 | 455.54    | 170° 28' 6"  |
| 513 | 656062.06 | 3363323.25 | 155.54    | 187° 13' 3"  |
| 514 | 655907.75 | 3363303.71 | 78.73     | 187° 13' 8"  |
| 515 | 655829.65 | 3363293.82 | 178.49    | 187° 14' 27" |
| 516 | 655652.58 | 3363271.32 | 15.25     | 187° 38' 13" |
| 517 | 655637.46 | 3363269.29 | 13.37     | 98° 49' 27"  |
| 518 | 655635.41 | 3363282.51 | 445.08    | 97° 13' 4"   |
| 519 | 655579.49 | 3363724.06 | 45.97     | 7° 12' 50"   |
| 520 | 655625.1  | 3363729.83 | 49.92     | 97° 13' 38"  |
| 521 | 655618.82 | 3363779.36 | 100.04    | 187° 13' 33" |
| 522 | 655519.57 | 3363766.77 | 49.9      | 277° 25' 57" |
| 523 | 655526.03 | 3363717.29 | 45.89     | 7° 12' 52"   |
| 524 | 655571.56 | 3363723.05 | 440.95    | 277° 13' 4"  |
| 525 | 655626.96 | 3363285.6  | 27 089,00 | 263° 25' 50" |
| 526 | 655626.53 | 3363281.88 | 29 646,00 | 159° 42' 30" |
| 527 | 655622.96 | 3363283.2  | 23 437,00 | 156° 2' 15"  |
| 528 | 655619.63 | 3363284.68 | 21 732,00 | 145° 50' 57" |
| 529 | 655613.35 | 3363288.94 | 13 302,00 | 136° 1' 7"   |
| 530 | 655608.77 | 3363293.36 | 24 228,00 | 132° 12' 20" |
| 531 | 655604.97 | 3363297.55 | 16.41     | 266° 2' 6"   |
| 532 | 655603.84 | 3363281.18 | 87.63     | 187° 8' 3"   |
| 533 | 655516.88 | 3363270.29 | 15.85     | 277° 8' 14"  |
| 534 | 655518.85 | 3363254.56 | 820.72    | 187° 12' 32" |
| 535 | 654704.62 | 3363151.57 | 14 185,00 | 97° 11' 39"  |
| 536 | 654703.19 | 3363162.86 | 277.47    | 187° 11' 22" |
| 537 | 654427.9  | 3363128.13 | 14 550,00 | 277° 11' 13" |
| 538 | 654429.33 | 3363116.83 | 1417.73   | 187° 9' 23"  |
| 539 | 653022.65 | 3362940.21 | 28 369,00 | 97° 7' 7"    |
| 540 | 653021.44 | 3362949.91 | 121.37    | 187° 7' 7"   |
| 541 | 652901    | 3362934.87 | 28 004,00 | 277° 6' 12"  |
| 542 | 652902.2  | 3362925.19 | 390.15    | 187° 6' 12"  |
| 543 | 652515.05 | 3362876.94 | 1781.6    | 238° 20' 9"  |
| 544 | 651579.82 | 3361360.55 | 13.23     | 230° 5' 31"  |
| 545 | 651571.33 | 3361350.41 | 13.23     | 213° 54' 53" |



## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 546 | 651560.36 | 3361343.03 | 117.26    | 205° 49' 29" |
| 547 | 651454.8  | 3361291.95 | 22 828,00 | 206° 2' 8"   |
| 548 | 651447.95 | 3361288.6  | 148.25    | 206° 13' 39" |
| 549 | 651314.97 | 3361223.08 | 248,00    | 274° 27' 58" |
| 550 | 651334.28 | 3360975.83 | 14.69     | 265° 28' 33" |
| 551 | 651333.12 | 3360961.19 | 14.69     | 247° 29' 42" |
| 552 | 651327.5  | 3360947.62 | 1778.72   | 238° 23' 1"  |
| 553 | 650395.04 | 3359432.9  | 19 207,00 | 148° 23' 16" |
| 554 | 650387.79 | 3359437.36 | 128.84    | 238° 23' 16" |
| 555 | 650320.25 | 3359327.64 | 18 841,00 | 328° 23' 25" |
| 556 | 650327.5  | 3359323.18 | 2599.08   | 238° 22' 6"  |
| 557 | 648964.4  | 3357110.23 | 2527.76   | 255° 7' 38"  |
| 558 | 648315.58 | 3354667.16 | 45 170,00 | 249° 29' 39" |
| 559 | 648312.35 | 3354658.52 | 45 536,00 | 238° 13' 2"  |
| 560 | 648307.48 | 3354650.66 | 3646.15   | 232° 33' 25" |
| 561 | 646090.72 | 3351755.77 | 3646.15   | 232° 34' 35" |
| 562 | 643874.94 | 3348860.13 | 892.97    | 255° 52' 27" |
| 563 | 643657.01 | 3347994.16 | 42 774,00 | 250° 51' 58" |
| 564 | 643654.32 | 3347986.42 | 42 774,00 | 240° 51' 47" |
| 565 | 643650.33 | 3347979.26 | 126.36    | 235° 51' 42" |
| 566 | 643579.42 | 3347874.68 | 2028.42   | 247° 20' 55" |
| 567 | 642798.23 | 3346002.71 | 2030.64   | 247° 23' 2"  |
| 568 | 642017.33 | 3344128.23 | 16.26     | 157° 26' 8"  |
| 569 | 642002.31 | 3344134.47 | 84.31     | 247° 26' 3"  |
| 570 | 641969.96 | 3344056.62 | 445.92    | 157° 26' 3"  |
| 571 | 641558.18 | 3344227.74 | 45.99     | 67° 26' 6"   |
| 572 | 641575.82 | 3344270.2  | 49.89     | 157° 25' 43" |
| 573 | 641529.75 | 3344289.35 | 100.16    | 247° 26' 12" |
| 574 | 641491.32 | 3344196.86 | 49.89     | 337° 42' 5"  |
| 575 | 641537.48 | 3344177.93 | 45.93     | 67° 26' 12"  |
| 576 | 641555.11 | 3344220.35 | 445.92    | 337° 25' 44" |
| 577 | 641966.87 | 3344049.19 | 41.5      | 247° 26' 3"  |
| 578 | 641950.95 | 3344010.87 | 16.27     | 337° 26' 3"  |
| 579 | 641965.97 | 3344004.63 | 635.1     | 247° 26' 30" |
| 580 | 641722.33 | 3343418.12 | 911,00    | 235° 51' 12" |
| 581 | 641210.98 | 3342664.18 | 35 947,00 | 143° 57' 6"  |
| 582 | 641205.33 | 3342668.29 | 203.03    | 235° 46' 7"  |
| 583 | 641091.12 | 3342500.43 | 42 552,00 | 326° 18' 39" |
| 584 | 641097.08 | 3342496.46 | 730.78    | 235° 50' 50" |
| 585 | 640686.82 | 3341891.71 | 821.55    | 235° 51' 25" |
| 586 | 640225.71 | 3341211.76 | 154.99    | 229° 27' 30" |
| 587 | 640124.97 | 3341093.97 | 93.05     | 246° 54' 38" |
| 588 | 640088.48 | 3341008.38 | 442.73    | 235° 50' 32" |
| 589 | 639839.9  | 3340642.02 | 2613.16   | 239° 55' 41" |
| 590 | 638530.48 | 3338380.6  | 1476.42   | 239° 46' 38" |
| 591 | 637787.3  | 3337104.86 | 195.84    | 245° 44' 50" |
| 592 | 637706.86 | 3336926.3  | 26 846,00 | 223° 25' 39" |
| 593 | 637701.24 | 3336920.98 | 583.59    | 245° 53' 21" |
| 594 | 637462.84 | 3336388.31 | 543.92    | 245° 29' 57" |
| 595 | 637237.28 | 3335893.37 | 598.4     | 245° 39' 58" |



## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 596 | 636990.71 | 3335348.13 | 281.79    | 246° 11' 23" |
| 597 | 636876.94 | 3335090.32 | 483.81    | 245° 44' 30" |
| 598 | 636678.17 | 3334649.23 | 353.71    | 245° 18' 12" |
| 599 | 636530.38 | 3334327.88 | 99.68     | 243° 10' 37" |
| 600 | 636485.41 | 3334238.93 | 154.07    | 239° 44' 59" |
| 601 | 636407.79 | 3334105.84 | 847.05    | 238° 46' 32" |
| 602 | 635968.69 | 3333381.49 | 77.55     | 237° 30' 5"  |
| 603 | 635927.02 | 3333316.08 | 41.99     | 241° 24' 55" |
| 604 | 635906.94 | 3333279.21 | 691.81    | 238° 42' 31" |
| 605 | 635547.62 | 3332688.04 | 593.73    | 239° 15' 33" |
| 606 | 635244.13 | 3332177.73 | 324.78    | 238° 31' 21" |
| 607 | 635074.54 | 3331900.74 | 22.38     | 235° 14' 43" |
| 608 | 635061.78 | 3331882.36 | 158.08    | 226° 2' 57"  |
| 609 | 634952.07 | 3331768.55 | 13.64     | 135° 20' 35" |
| 610 | 634942.37 | 3331778.14 | 145.23    | 227° 35' 39" |
| 611 | 634844.43 | 3331670.9  | 26 177,00 | 316° 2' 51"  |
| 612 | 634851.42 | 3331664.16 | 188.18    | 226° 2' 51"  |
| 613 | 634720.81 | 3331528.68 | 42 928,00 | 136° 2' 59"  |
| 614 | 634712.12 | 3331537.06 | 489.71    | 225° 51' 59" |
| 615 | 634371.12 | 3331185.59 | 13.65     | 311° 43' 37" |
| 616 | 634380.2  | 3331175.41 | 91.27     | 226° 2' 45"  |
| 617 | 634316.85 | 3331109.7  | 81.56     | 253° 35' 54" |
| 618 | 634293.82 | 3331031.46 | 242.1     | 247° 29' 30" |
| 619 | 634201.14 | 3330807.8  | 250.27    | 247° 51' 21" |
| 620 | 634106.81 | 3330575.99 | 69.86     | 248° 29' 36" |
| 621 | 634081.2  | 3330511    | 292.28    | 247° 21' 27" |
| 622 | 633968.67 | 3330241.25 | 199.74    | 248° 33' 27" |
| 623 | 633895.66 | 3330055.33 | 415.43    | 247° 50' 27" |
| 624 | 633738.96 | 3329670.58 | 131.62    | 248° 8' 37"  |
| 625 | 633689.96 | 3329548.42 | 345.68    | 247° 36' 21" |
| 626 | 633558.27 | 3329228.81 | 258.22    | 247° 52' 17" |
| 627 | 633461    | 3328989.61 | 42 979,00 | 157° 52' 17" |
| 628 | 633452.51 | 3328993.07 | 304.25    | 247° 26' 22" |
| 629 | 633335.78 | 3328712.1  | 13.36     | 335° 50' 0"  |
| 630 | 633347.97 | 3328706.63 | 13.86     | 250° 49' 31" |
| 631 | 633343.42 | 3328693.54 | 42 765,00 | 242° 29' 2"  |
| 632 | 633329.52 | 3328666.85 | 59.06     | 226° 1' 44"  |
| 633 | 633288.51 | 3328624.34 | 185.7     | 227° 26' 29" |
| 634 | 633162.91 | 3328487.55 | 182.33    | 225° 39' 45" |
| 635 | 633035.49 | 3328357.15 | 231.94    | 226° 52' 1"  |
| 636 | 632876.91 | 3328187.89 | 183.84    | 226° 27' 53" |
| 637 | 632750.29 | 3328054.62 | 205.24    | 226° 45' 40" |
| 638 | 632609.69 | 3327905.1  | 250.05    | 227° 52' 10" |
| 639 | 632441.95 | 3327719.66 | 49.29     | 226° 57' 8"  |
| 640 | 632408.3  | 3327683.64 | 72.62     | 225° 17' 48" |
| 641 | 632357.22 | 3327632.02 | 14.76     | 206° 41' 13" |
| 642 | 632344.03 | 3327625.39 | 42 998,00 | 200° 0' 39"  |
| 643 | 632325.15 | 3327618.52 | 72.79     | 109° 50' 33" |
| 644 | 632300.44 | 3327686.99 | 81.66     | 199° 18' 25" |
| 645 | 632223.37 | 3327659.99 | 26.49     | 289° 47' 16" |



## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 646 | 632232.34 | 3327635.06 | 0,00      | 199° 57' 20" |
| 647 | 632232.34 | 3327635.06 | 79.7      | 199° 57' 10" |
| 648 | 632157.42 | 3327607.87 | 22.79     | 109° 24' 47" |
| 649 | 632149.85 | 3327629.36 | 86.12     | 197° 19' 6"  |
| 650 | 632067.64 | 3327603.72 | 299.3     | 109° 58' 39" |
| 651 | 631965.38 | 3327885.01 | 38.05     | 20° 21' 31"  |
| 652 | 632001.06 | 3327898.25 | 30,00     | 109° 58' 49" |
| 653 | 631990.81 | 3327926.45 | 87.64     | 199° 58' 49" |
| 654 | 631908.44 | 3327896.5  | 42 885,00 | 289° 58' 49" |
| 655 | 631918.71 | 3327868.26 | 41.59     | 19° 40' 46"  |
| 656 | 631957.87 | 3327882.27 | 298.92    | 289° 58' 50" |
| 657 | 632060.01 | 3327601.34 | 29.25     | 197° 19' 6"  |
| 658 | 632032.08 | 3327592.63 | 28.46     | 288° 13' 46" |
| 659 | 632040.99 | 3327565.6  | 333.37    | 199° 57' 6"  |
| 660 | 631727.62 | 3327451.84 | 68.13     | 182° 34' 19" |
| 661 | 631659.56 | 3327448.78 | 392.06    | 204° 45' 29" |
| 662 | 631303.54 | 3327284.6  | 32.02     | 184° 50' 21" |
| 663 | 631271.63 | 3327281.9  | 32.02     | 145° 0' 4"   |
| 664 | 631245.4  | 3327300.26 | 203.47    | 125° 4' 55"  |
| 665 | 631128.45 | 3327466.77 | 109.8     | 125° 6' 15"  |
| 666 | 631065.31 | 3327556.6  | 829.03    | 125° 8' 32"  |
| 667 | 630588.11 | 3328234.52 | 1172.41   | 180° 19' 13" |
| 668 | 629415.71 | 3328227.97 | 1128.89   | 205° 45' 34" |
| 669 | 628399    | 3327737.36 | 17 899,00 | 115° 46' 14" |
| 670 | 628398.35 | 3327738.69 | 36.88     | 205° 46' 14" |
| 671 | 628365.15 | 3327722.66 | 340.41    | 127° 54' 20" |
| 672 | 628156.01 | 3327991.25 | 45.34     | 26° 19' 14"  |
| 673 | 628196.65 | 3328011.35 | 30.21     | 115° 7' 12"  |
| 674 | 628183.83 | 3328038.71 | 100.28    | 206° 31' 3"  |
| 675 | 628094.09 | 3327993.93 | 29.87     | 295° 27' 25" |
| 676 | 628106.93 | 3327966.97 | 46.59     | 26° 19' 14"  |
| 677 | 628148.69 | 3327987.63 | 319.08    | 307° 54' 20" |
| 678 | 628344.73 | 3327735.86 | 76.12     | 265° 52' 13" |
| 679 | 628339.24 | 3327659.94 | 150.83    | 175° 52' 13" |
| 680 | 628188.8  | 3327670.8  | 582.88    | 206° 14' 32" |
| 681 | 627666    | 3327413.07 | 42 956,00 | 164° 32' 29" |
| 682 | 627657.24 | 3327415.5  | 285.65    | 206° 14' 4"  |
| 683 | 627401.02 | 3327289.23 | 4369.77   | 196° 55' 40" |
| 684 | 623220.58 | 3326016.9  | 174.67    | 181° 41' 40" |
| 685 | 623045.98 | 3326011.73 | 141.6     | 171° 28' 35" |
| 686 | 622905.94 | 3326032.72 | 2594.05   | 171° 31' 57" |
| 687 | 620340.17 | 3326414.69 | 766.19    | 175° 49' 19" |
| 688 | 619576.02 | 3326470.52 | 31.85     | 135° 32' 9"  |
| 689 | 619553.29 | 3326492.83 | 42 960,00 | 355° 46' 26" |
| 690 | 619566.33 | 3326491.86 | 424.87    | 85° 46' 12"  |
| 691 | 619597.67 | 3326915.57 | 43.43     | 355° 48' 3"  |
| 692 | 619640.98 | 3326912.39 | 36.4      | 85° 46' 26"  |
| 693 | 619643.67 | 3326948.7  | 93.53     | 175° 46' 26" |
| 694 | 619550.38 | 3326955.59 | 36.45     | 265° 46' 26" |
| 695 | 619547.7  | 3326919.23 | 42.1      | 355° 48' 30" |



## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 696 | 619589.69 | 3326916.16 | 411.16    | 265° 46' 9"  |
| 697 | 619559.36 | 3326506.12 | 53.24     | 175° 45' 18" |
| 698 | 619506.26 | 3326510.06 | 49.89     | 94° 46' 30"  |
| 699 | 619502.11 | 3326559.78 | 101.12    | 184° 37' 30" |
| 700 | 619401.32 | 3326551.62 | 70.91     | 274° 39' 31" |
| 701 | 619407.08 | 3326480.95 | 42 955,00 | 177° 19' 47" |
| 702 | 619399.01 | 3326481.32 | 20.38     | 179° 49' 13" |
| 703 | 619378.63 | 3326481.39 | 22.68     | 175° 45' 29" |
| 704 | 619356.01 | 3326483.06 | 83.74     | 175° 48' 43" |
| 705 | 619272.49 | 3326489.18 | 152.64    | 203° 3' 19"  |
| 706 | 619132.04 | 3326429.4  | 38.41     | 198° 2' 40"  |
| 707 | 619095.52 | 3326417.51 | 162.24    | 204° 13' 28" |
| 708 | 618947.57 | 3326350.94 | 51.47     | 203° 6' 17"  |
| 709 | 618900.22 | 3326330.74 | 409.88    | 203° 4' 42"  |
| 710 | 618523.14 | 3326170.07 | 193.52    | 203° 3' 52"  |
| 711 | 618345.09 | 3326094.25 | 131.39    | 203° 6' 32"  |
| 712 | 618224.24 | 3326042.68 | 27.47     | 197° 58' 5"  |
| 713 | 618198.11 | 3326034.21 | 109.51    | 204° 3' 4"   |
| 714 | 618098.11 | 3325989.58 | 22.73     | 204° 24' 6"  |
| 715 | 618077.41 | 3325980.19 | 113.15    | 202° 59' 24" |
| 716 | 617973.25 | 3325936    | 69.04     | 202° 32' 37" |
| 717 | 617909.48 | 3325909.53 | 111.82    | 203° 21' 2"  |
| 718 | 617806.82 | 3325865.21 | 236.08    | 203° 3' 54"  |
| 719 | 617589.62 | 3325772.72 | 421.26    | 203° 6' 17"  |
| 720 | 617202.15 | 3325607.41 | 170.98    | 203° 3' 42"  |
| 721 | 617044.84 | 3325540.44 | 216.15    | 203° 4' 36"  |
| 722 | 616845.98 | 3325455.71 | 268.99    | 203° 3' 39"  |
| 723 | 616598.48 | 3325350.35 | 314.82    | 203° 3' 45"  |
| 724 | 616308.82 | 3325227.02 | 315.8     | 203° 4' 24"  |
| 725 | 616018.28 | 3325103.25 | 274.81    | 203° 3' 34"  |
| 726 | 615765.43 | 3324995.61 | 93.59     | 203° 22' 24" |
| 727 | 615679.51 | 3324958.48 | 322.94    | 203° 5' 32"  |
| 728 | 615382.45 | 3324831.82 | 83.52     | 203° 5' 51"  |
| 729 | 615305.63 | 3324799.06 | 428.58    | 203° 5' 46"  |
| 730 | 614911.4  | 3324630.94 | 124.65    | 202° 58' 23" |
| 731 | 614796.64 | 3324582.29 | 407.92    | 203° 10' 10" |
| 732 | 614421.62 | 3324421.79 | 260.26    | 203° 4' 24"  |
| 733 | 614182.18 | 3324319.79 | 406.14    | 203° 4' 53"  |
| 734 | 613808.55 | 3324160.57 | 406.32    | 203° 3' 34"  |
| 735 | 613434.7  | 3324001.42 | 43.97     | 203° 2' 38"  |
| 736 | 613394.24 | 3323984.21 | 99.82     | 194° 20' 33" |
| 737 | 613297.53 | 3323959.48 | 42.1      | 194° 20' 33" |
| 738 | 613256.74 | 3323949.05 | 147.01    | 211° 37' 26" |
| 739 | 613131.56 | 3323871.97 | 158.53    | 203° 6' 10"  |
| 740 | 612985.75 | 3323809.77 | 595.23    | 203° 5' 39"  |
| 741 | 612438.22 | 3323576.29 | 209.04    | 203° 3' 3"   |
| 742 | 612245.87 | 3323494.44 | 22.93     | 196° 24' 1"  |
| 743 | 612223.87 | 3323487.97 | 22.21     | 183° 28' 11" |
| 744 | 612201.7  | 3323486.62 | 22.16     | 170° 33' 19" |
| 745 | 612179.85 | 3323490.26 | 42 757,00 | 157° 40' 9"  |



## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 746 | 612159.4  | 3323498.66 | 22.46     | 144° 42' 9"  |
| 747 | 612141.08 | 3323511.63 | 23.48     | 131° 45' 30" |
| 748 | 612125.44 | 3323529.15 | 240.93    | 129° 32' 23" |
| 749 | 611972.06 | 3323714.94 | 183.68    | 129° 26' 42" |
| 750 | 611855.37 | 3323856.79 | 125.51    | 129° 28' 56" |
| 751 | 611775.56 | 3323953.65 | 81.93     | 129° 26' 7"  |
| 752 | 611723.52 | 3324016.93 | 90.72     | 197° 13' 29" |
| 753 | 611636.88 | 3323990.07 | 258.61    | 197° 15' 16" |
| 754 | 611389.91 | 3323913.36 | 20.92     | 191° 3' 7"   |
| 755 | 611369.38 | 3323909.35 | 20.42     | 179° 21' 28" |
| 756 | 611348.96 | 3323909.58 | 20.43     | 167° 37' 24" |
| 757 | 611329.01 | 3323913.96 | 60.9      | 150° 49' 10" |
| 758 | 611275.84 | 3323943.65 | 69.39     | 150° 36' 49" |
| 759 | 611215.38 | 3323977.7  | 59.55     | 148° 23' 59" |
| 760 | 611164.66 | 3324008.9  | 70.44     | 148° 56' 22" |
| 761 | 611104.33 | 3324045.24 | 116.62    | 150° 5' 21"  |
| 762 | 611003.24 | 3324103.4  | 133.49    | 149° 41' 34" |
| 763 | 610887.99 | 3324170.76 | 150.12    | 150° 0' 2"   |
| 764 | 610757.98 | 3324245.82 | 200.04    | 150° 18' 56" |
| 765 | 610584.19 | 3324344.88 | 108.25    | 150° 15' 37" |
| 766 | 610490.2  | 3324398.58 | 569.71    | 144° 50' 11" |
| 767 | 610024.45 | 3324726.69 | 365.08    | 141° 0' 30"  |
| 768 | 609740.7  | 3324956.39 | 241.6     | 140° 49' 30" |
| 769 | 609553.41 | 3325109.01 | 420.61    | 140° 38' 27" |
| 770 | 609228.2  | 3325375.75 | 400.69    | 140° 15' 8"  |
| 771 | 608920.12 | 3325631.96 | 251.13    | 140° 17' 16" |
| 772 | 608726.94 | 3325792.41 | 129.16    | 142° 41' 34" |
| 773 | 608624.2  | 3325870.7  | 43 058,00 | 139° 25' 47" |
| 774 | 608609.68 | 3325883.13 | 151.3     | 139° 28' 41" |
| 775 | 608494.67 | 3325981.43 | 156.39    | 139° 42' 46" |
| 776 | 608375.37 | 3326082.56 | 112.76    | 140° 16' 19" |
| 777 | 608288.65 | 3326154.63 | 117.51    | 140° 43' 11" |
| 778 | 608197.69 | 3326229.03 | 82.71     | 139° 50' 54" |
| 779 | 608134.47 | 3326282.36 | 193.1     | 139° 59' 1"  |
| 780 | 607986.59 | 3326406.52 | 103.45    | 140° 2' 31"  |
| 781 | 607907.29 | 3326472.96 | 290.39    | 140° 9' 13"  |
| 782 | 607684.34 | 3326659.02 | 233.89    | 139° 44' 18" |
| 783 | 607505.86 | 3326810.18 | 138.97    | 141° 52' 53" |
| 784 | 607396.53 | 3326895.96 | 349.7     | 140° 6' 19"  |
| 785 | 607128.22 | 3327120.26 | 12 693,00 | 140° 15' 59" |
| 786 | 607120.27 | 3327126.87 | 111.31    | 141° 22' 7"  |
| 787 | 607033.32 | 3327196.36 | 218.6     | 141° 35' 55" |
| 788 | 606862.01 | 3327332.14 | 199.62    | 141° 2' 38"  |
| 789 | 606706.78 | 3327457.65 | 109.76    | 140° 24' 19" |
| 790 | 606622.2  | 3327527.61 | 177.89    | 140° 14' 44" |
| 791 | 606485.44 | 3327641.37 | 206.48    | 140° 15' 3"  |
| 792 | 606326.69 | 3327773.4  | 115.88    | 141° 4' 7"   |
| 793 | 606236.55 | 3327846.21 | 149.7     | 140° 59' 40" |
| 794 | 606120.21 | 3327940.44 | 228.12    | 140° 7' 10"  |
| 795 | 605945.16 | 3328086.7  | 227.94    | 140° 10' 52" |



## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 796 | 605770.08 | 3328232.67 | 233.73    | 140° 35' 25" |
| 797 | 605589.5  | 3328381.06 | 179.92    | 140° 27' 26" |
| 798 | 605450.75 | 3328495.6  | 99.98     | 140° 27' 3"  |
| 799 | 605373.66 | 3328559.26 | 213.37    | 140° 11' 47" |
| 800 | 605209.74 | 3328695.85 | 80.3      | 140° 7' 39"  |
| 801 | 605148.11 | 3328747.33 | 50.07     | 140° 12' 13" |
| 802 | 605109.64 | 3328779.38 | 49.99     | 140° 16' 42" |
| 803 | 605071.19 | 3328811.32 | 49.83     | 140° 16' 42" |
| 804 | 605032.86 | 3328843.17 | 49.85     | 140° 16' 42" |
| 805 | 604994.53 | 3328875.03 | 49.99     | 140° 16' 42" |
| 806 | 604956.07 | 3328906.97 | 50.02     | 140° 16' 42" |
| 807 | 604917.6  | 3328938.94 | 50.05     | 140° 19' 43" |
| 808 | 604879.08 | 3328970.89 | 50.01     | 140° 22' 45" |
| 809 | 604840.56 | 3329002.78 | 50.01     | 140° 22' 45" |
| 810 | 604802.04 | 3329034.67 | 49.97     | 140° 22' 45" |
| 811 | 604763.55 | 3329066.53 | 49.97     | 140° 22' 45" |
| 812 | 604725.06 | 3329098.4  | 49.99     | 140° 22' 45" |
| 813 | 604686.55 | 3329130.28 | 50.14     | 140° 22' 45" |
| 814 | 604647.93 | 3329162.26 | 35.26     | 140° 48' 6"  |
| 815 | 604620.6  | 3329184.54 | 169.78    | 140° 19' 35" |
| 816 | 604489.92 | 3329292.93 | 144.2     | 140° 3' 13"  |
| 817 | 604379.37 | 3329385.52 | 50.62     | 140° 5' 50"  |
| 818 | 604340.54 | 3329417.99 | 49.8      | 140° 27' 50" |
| 819 | 604302.13 | 3329449.69 | 37.43     | 140° 27' 50" |
| 820 | 604273.27 | 3329473.52 | 74.3      | 140° 20' 54" |
| 821 | 604216.06 | 3329520.93 | 24.31     | 140° 13' 50" |
| 822 | 604197.38 | 3329536.47 | 25.61     | 140° 13' 50" |
| 823 | 604177.7  | 3329552.86 | 43.85     | 140° 56' 39" |
| 824 | 604143.65 | 3329580.48 | 44.7      | 141° 15' 37" |
| 825 | 604108.78 | 3329608.46 | 32.82     | 141° 13' 11" |
| 826 | 604083.19 | 3329629.02 | 23 163,00 | 141° 9' 26"  |
| 827 | 604078.03 | 3329633.17 | 45 108,00 | 141° 7' 11"  |
| 828 | 604072.4  | 3329637.71 | 34 608,00 | 124° 16' 29" |
| 829 | 604066.24 | 3329646.75 | 21.39     | 112° 4' 14"  |
| 830 | 604058.21 | 3329666.57 | 18.26     | 106° 13' 3"  |
| 831 | 604053.11 | 3329684.1  | 27.88     | 113° 3' 29"  |
| 832 | 604042.19 | 3329709.76 | 28.22     | 126° 4' 19"  |
| 833 | 604025.57 | 3329732.57 | 28.83     | 139° 8' 33"  |
| 834 | 604003.77 | 3329751.43 | 28.31     | 152° 14' 8"  |
| 835 | 603978.72 | 3329764.61 | 28.28     | 165° 17' 47" |
| 836 | 603951.36 | 3329771.79 | 83.89     | 168° 4' 33"  |
| 837 | 603869.28 | 3329789.12 | 16 407,00 | 81° 35' 32"  |
| 838 | 603871.1  | 3329801.43 | 45.52     | 165° 25' 6"  |
| 839 | 603827.05 | 3329812.89 | 35 977,00 | 78° 20' 36"  |
| 840 | 603828.66 | 3329820.71 | 42 906,00 | 169° 48' 0"  |
| 841 | 603808.38 | 3329824.35 | 437.95    | 78° 5' 54"   |
| 842 | 603898.7  | 3330252.89 | 43.51     | 348° 6' 53"  |
| 843 | 603941.28 | 3330243.93 | 36.4      | 78° 5' 12"   |
| 844 | 603948.79 | 3330279.55 | 93.53     | 168° 5' 12"  |
| 845 | 603857.28 | 3330298.86 | 36.46     | 258° 5' 12"  |



## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 846 | 603849.75 | 3330263.19 | 42.03     | 348° 11' 1"  |
| 847 | 603890.89 | 3330254.58 | 425.62    | 258° 5' 54"  |
| 848 | 603803.11 | 3329838.1  | 19.22     | 168° 37' 45" |
| 849 | 603784.28 | 3329841.89 | 46 447,00 | 257° 44' 0"  |
| 850 | 603783.58 | 3329838.7  | 50.28     | 167° 56' 11" |
| 851 | 603734.42 | 3329849.2  | 42 977,00 | 258° 3' 21"  |
| 852 | 603728.19 | 3329819.77 | 16.57     | 165° 36' 6"  |
| 853 | 603712.14 | 3329823.89 | 39.81     | 164° 55' 30" |
| 854 | 603673.71 | 3329834.24 | 60.87     | 168° 3' 59"  |
| 855 | 603614.15 | 3329846.83 | 49.95     | 168° 21' 4"  |
| 856 | 603565.23 | 3329856.92 | 50.16     | 168° 21' 4"  |
| 857 | 603516.1  | 3329867.04 | 49.97     | 168° 21' 4"  |
| 858 | 603467.16 | 3329877.13 | 50,00     | 168° 21' 4"  |
| 859 | 603418.19 | 3329887.23 | 49.66     | 168° 18' 49" |
| 860 | 603369.56 | 3329897.29 | 50.1      | 168° 16' 32" |
| 861 | 603320.51 | 3329907.47 | 42 278,00 | 168° 16' 32" |
| 862 | 603310.57 | 3329909.53 | 18.34     | 158° 54' 54" |
| 863 | 603293.47 | 3329916.13 | 42.58     | 135° 6' 22"  |
| 864 | 603263.3  | 3329946.18 | 138.87    | 125° 34' 35" |
| 865 | 603182.51 | 3330059.13 | 19.24     | 125° 34' 35" |
| 866 | 603171.32 | 3330074.78 | 156.18    | 125° 34' 35" |
| 867 | 603080.46 | 3330201.8  | 16.63     | 142° 52' 46" |
| 868 | 603067.19 | 3330211.84 | 42 787,00 | 138° 53' 52" |
| 869 | 603051.22 | 3330225.78 | 18.32     | 147° 29' 22" |
| 870 | 603035.77 | 3330235.62 | 15.82     | 142° 52' 46" |
| 871 | 603023.15 | 3330245.17 | 16.25     | 176° 19' 49" |
| 872 | 603006.94 | 3330246.21 | 42 842,00 | 171° 56' 52" |
| 873 | 602989.71 | 3330248.65 | 42 816,00 | 179° 44' 55" |
| 874 | 602967.41 | 3330248.75 | 43 083,00 | 176° 19' 49" |
| 875 | 602953.32 | 3330249.65 | 135.88    | 193° 8' 56"  |
| 876 | 602821    | 3330218.74 | 15.59     | 193° 16' 19" |
| 877 | 602805.82 | 3330215.16 | 484.28    | 193° 8' 42"  |
| 878 | 602334.22 | 3330105.03 | 366.85    | 165° 14' 49" |
| 879 | 601979.47 | 3330198.45 | 180.45    | 165° 3' 4"   |
| 880 | 601805.13 | 3330244.99 | 67.2      | 166° 4' 5"   |
| 881 | 601739.9  | 3330261.17 | 349.97    | 177° 13' 3"  |
| 882 | 601390.34 | 3330278.16 | 309.08    | 177° 16' 40" |
| 883 | 601081.61 | 3330292.84 | 410.16    | 177° 17' 0"  |
| 884 | 600671.91 | 3330312.28 | 881.15    | 177° 13' 56" |
| 885 | 599791.79 | 3330354.83 | 334.15    | 177° 15' 21" |
| 886 | 599458.02 | 3330370.83 | 366.11    | 177° 16' 7"  |
| 887 | 599092.33 | 3330388.28 | 65.06     | 177° 12' 3"  |
| 888 | 599027.35 | 3330391.45 | 22.48     | 176° 58' 27" |
| 889 | 599004.91 | 3330392.64 | 42 997,00 | 176° 35' 34" |
| 890 | 598985.05 | 3330393.82 | 42 998,00 | 176° 35' 34" |
| 891 | 598965    | 3330395.02 | 30,00     | 176° 42' 43" |
| 892 | 598935.05 | 3330396.74 | 50.14     | 176° 58' 28" |
| 893 | 598884.97 | 3330399.38 | 50.04     | 177° 11' 11" |
| 894 | 598834.99 | 3330401.84 | 50,00     | 177° 11' 11" |
| 895 | 598785.05 | 3330404.3  | 50.1      | 177° 14' 48" |



## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 896 | 598735.01 | 3330406.7  | 50.08     | 177° 35' 51" |
| 897 | 598684.97 | 3330408.8  | 49.99     | 177° 35' 51" |
| 898 | 598635.03 | 3330410.9  | 49.99     | 177° 35' 51" |
| 899 | 598585.09 | 3330412.99 | 49.99     | 177° 35' 51" |
| 900 | 598535.15 | 3330415.09 | 29.99     | 177° 25' 55" |
| 901 | 598505.19 | 3330416.43 | 235.17    | 177° 12' 54" |
| 902 | 598270.29 | 3330427.86 | 216.21    | 177° 21' 38" |
| 903 | 598054.32 | 3330437.81 | 202.44    | 177° 20' 32" |
| 904 | 597852.09 | 3330447.2  | 44 805,00 | 176° 59' 32" |
| 905 | 597842.88 | 3330447.68 | 259.61    | 166° 13' 45" |
| 906 | 597590.74 | 3330509.48 | 71.95     | 166° 14' 40" |
| 907 | 597520.86 | 3330526.59 | 235.09    | 155° 19' 31" |
| 908 | 597307.23 | 3330624.73 | 318.96    | 155° 19' 34" |
| 909 | 597017.4  | 3330757.88 | 287.31    | 155° 18' 48" |
| 910 | 596756.34 | 3330877.88 | 67.34     | 155° 21' 7"  |
| 911 | 596695.14 | 3330905.96 | 46 447,00 | 65° 21' 5"   |
| 912 | 596696.5  | 3330908.93 | 57.2      | 154° 44' 10" |
| 913 | 596644.77 | 3330933.34 | 32 203,00 | 245° 35' 10" |
| 914 | 596643.17 | 3330929.81 | 54.96     | 155° 21' 7"  |
| 915 | 596593.22 | 3330952.73 | 42 797,00 | 65° 9' 55"   |
| 916 | 596594.6  | 3330955.72 | 51.87     | 156° 32' 31" |
| 917 | 596547.02 | 3330976.37 | 44 958,00 | 245° 55' 29" |
| 918 | 596546.11 | 3330974.34 | 55.51     | 155° 21' 7"  |
| 919 | 596495.66 | 3330997.49 | 291.35    | 155° 26' 12" |
| 920 | 596230.67 | 3331118.61 | 182.34    | 155° 15' 0"  |
| 921 | 596065.09 | 3331194.94 | 162.38    | 218° 12' 44" |
| 922 | 595937.5  | 3331094.49 | 30.2      | 218° 12' 44" |
| 923 | 595913.77 | 3331075.81 | 13 971,00 | 218° 12' 44" |
| 924 | 595910.33 | 3331073.11 | 31 868,00 | 150° 47' 8"  |
| 925 | 595906.08 | 3331075.48 | 55.6      | 206° 44' 28" |
| 926 | 595856.43 | 3331050.46 | 160.71    | 218° 12' 44" |
| 927 | 595730.16 | 3330951.05 | 43 054,00 | 310° 17' 35" |
| 928 | 595739.93 | 3330939.53 | 20.83     | 219° 25' 55" |
| 929 | 595723.84 | 3330926.29 | 907.19    | 218° 12' 45" |
| 930 | 595011.04 | 3330365.13 | 27 150,00 | 218° 12' 45" |
| 931 | 595006.53 | 3330361.58 | 308.36    | 218° 12' 44" |
| 932 | 594764.25 | 3330170.83 | 42.77     | 191° 24' 27" |
| 933 | 594722.32 | 3330162.37 | 29.97     | 184° 26' 56" |
| 934 | 594692.45 | 3330160.05 | 19.98     | 184° 20' 32" |
| 935 | 594672.53 | 3330158.54 | 49.97     | 184° 24' 22" |
| 936 | 594622.7  | 3330154.7  | 49.88     | 184° 17' 43" |
| 937 | 594572.96 | 3330150.96 | 49.91     | 184° 1' 11"  |
| 938 | 594523.18 | 3330147.46 | 49.99     | 184° 1' 11"  |
| 939 | 594473.31 | 3330143.96 | 50.5      | 184° 1' 3"   |
| 940 | 594422.93 | 3330140.42 | 0.03      | 185° 55' 4"  |
| 941 | 594422.9  | 3330140.42 | 20.92     | 183° 56' 42" |
| 942 | 594402.03 | 3330138.98 | 42 896,00 | 189° 33' 6"  |
| 943 | 594391.57 | 3330137.22 | 42 905,00 | 186° 3' 45"  |
| 944 | 594372.62 | 3330135.2  | 50,00     | 186° 7' 36"  |
| 945 | 594322.9  | 3330129.87 | 78.82     | 185° 37' 18" |



## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 946 | 594244.45 | 3330122.15 | 49.71     | 183° 23' 36" |
| 947 | 594194.83 | 3330119.2  | 69.8      | 183° 19' 19" |
| 948 | 594125.15 | 3330115.16 | 49.99     | 183° 14' 54" |
| 949 | 594075.24 | 3330112.33 | 30.55     | 183° 13' 40" |
| 950 | 594044.74 | 3330110.61 | 50.73     | 185° 9' 2"   |
| 951 | 593994.21 | 3330106.05 | 40.32     | 185° 4' 55"  |
| 952 | 593954.05 | 3330102.48 | 24 351,00 | 187° 21' 21" |
| 953 | 593944.47 | 3330101.24 | 69,00     | 183° 48' 10" |
| 954 | 593875.62 | 3330096.67 | 50.06     | 183° 51' 33" |
| 955 | 593825.68 | 3330093.3  | 80.31     | 184° 2' 14"  |
| 956 | 593745.57 | 3330087.64 | 89.91     | 184° 15' 3"  |
| 957 | 593655.91 | 3330080.98 | 79.94     | 184° 23' 43" |
| 958 | 593576.2  | 3330074.85 | 80.09     | 184° 25' 55" |
| 959 | 593496.35 | 3330068.66 | 69.78     | 184° 12' 39" |
| 960 | 593426.76 | 3330063.54 | 80.05     | 184° 13' 33" |
| 961 | 593346.93 | 3330057.64 | 50.02     | 184° 23' 51" |
| 962 | 593297.05 | 3330053.81 | 89.4      | 183° 10' 19" |
| 963 | 593207.79 | 3330048.86 | 60.51     | 183° 21' 59" |
| 964 | 593147.38 | 3330045.31 | 111.73    | 184° 29' 4"  |
| 965 | 593036    | 3330036.57 | 169.32    | 170° 55' 21" |
| 966 | 592868.8  | 3330063.28 | 102.65    | 184° 15' 32" |
| 967 | 592766.43 | 3330055.66 | 31 686,00 | 94° 15' 26"  |
| 968 | 592765.63 | 3330066.5  | 187.99    | 184° 13' 34" |
| 969 | 592578.15 | 3330052.64 | 14.44     | 94° 14' 33"  |
| 970 | 592577.08 | 3330067.04 | 42.32     | 184° 11' 45" |
| 971 | 592534.87 | 3330063.95 | 22.58     | 273° 22' 33" |
| 972 | 592536.2  | 3330041.4  | 16.37     | 190° 21' 35" |
| 973 | 592520.1  | 3330038.46 | 42 736,00 | 274° 14' 30" |
| 974 | 592520.18 | 3330037.45 | 37.45     | 184° 13' 35" |
| 975 | 592482.83 | 3330034.69 | 93.02     | 184° 11' 51" |
| 976 | 592390.06 | 3330027.88 | 42 826,00 | 93° 29' 14"  |
| 977 | 592389.8  | 3330032.05 | 12 936,00 | 184° 10' 22" |
| 978 | 592383.48 | 3330031.59 | 43 101,00 | 271° 4' 19"  |
| 979 | 592383.5  | 3330030.41 | 81.82     | 183° 55' 26" |
| 980 | 592301.87 | 3330024.81 | 33 543,00 | 153° 53' 40" |
| 981 | 592291.18 | 3330030.05 | 34 274,00 | 215° 7' 20"  |
| 982 | 592281.42 | 3330023.18 | 19.89     | 182° 51' 46" |
| 983 | 592261.55 | 3330022.19 | 16.84     | 196° 59' 27" |
| 984 | 592245.44 | 3330017.27 | 183.03    | 197° 14' 52" |
| 985 | 592070.64 | 3329963    | 20.53     | 185° 14' 19" |
| 986 | 592050.19 | 3329961.12 | 38.9      | 185° 53' 41" |
| 987 | 592011.5  | 3329957.13 | 50.1      | 183° 28' 49" |
| 988 | 591961.49 | 3329954.09 | 79.88     | 183° 57' 30" |
| 989 | 591881.8  | 3329948.57 | 79.92     | 183° 43' 41" |
| 990 | 591802.05 | 3329943.38 | 49.99     | 183° 39' 37" |
| 991 | 591752.16 | 3329940.19 | 49.99     | 183° 39' 37" |
| 992 | 591702.28 | 3329936.99 | 40.81     | 183° 35' 28" |
| 993 | 591661.55 | 3329934.44 | 49.68     | 185° 6' 33"  |
| 994 | 591612.07 | 3329930.01 | 70.5      | 184° 40' 50" |
| 995 | 591541.8  | 3329924.26 | 29.87     | 184° 56' 22" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 996  | 591512.04 | 3329921.69 | 49.99     | 184° 48' 48" |
| 997  | 591462.23 | 3329917.49 | 49.88     | 184° 48' 49" |
| 998  | 591412.53 | 3329913.31 | 49.7      | 184° 13' 6"  |
| 999  | 591362.97 | 3329909.65 | 80.52     | 184° 10' 9"  |
| 1000 | 591282.66 | 3329903.8  | 50.07     | 185° 10' 14" |
| 1001 | 591232.8  | 3329899.29 | 93.17     | 184° 42' 19" |
| 1002 | 591139.94 | 3329891.65 | 42 812,00 | 180° 56' 24" |
| 1003 | 591121.65 | 3329891.34 | 77.65     | 181° 53' 14" |
| 1004 | 591044.04 | 3329888.79 | 80.62     | 185° 4' 17"  |
| 1005 | 590963.74 | 3329881.66 | 42 977,00 | 185° 17' 52" |
| 1006 | 590933.79 | 3329878.88 | 19.44     | 183° 56' 43" |
| 1007 | 590914.4  | 3329877.55 | 43 008,00 | 184° 3' 38"  |
| 1008 | 590884.39 | 3329875.42 | 149.96    | 184° 1' 52"  |
| 1009 | 590734.8  | 3329864.87 | 39.79     | 183° 41' 48" |
| 1010 | 590695.1  | 3329862.31 | 150.53    | 183° 57' 33" |
| 1011 | 590544.93 | 3329851.92 | 159.69    | 184° 40' 48" |
| 1012 | 590385.77 | 3329838.89 | 90.21     | 184° 15' 40" |
| 1013 | 590295.82 | 3329832.18 | 27 273,00 | 185° 21' 1"  |
| 1014 | 590286.12 | 3329831.28 | 89.32     | 183° 11' 47" |
| 1015 | 590196.93 | 3329826.3  | 12 693,00 | 182° 57' 41" |
| 1016 | 590186.61 | 3329825.76 | 140.66    | 184° 23' 57" |
| 1017 | 590046.36 | 3329814.97 | 30 560,00 | 185° 44' 2"  |
| 1018 | 590036.58 | 3329813.99 | 90.27     | 183° 38' 5"  |
| 1019 | 589946.49 | 3329808.27 | 15 980,00 | 186° 51' 1"  |
| 1020 | 589936.14 | 3329807.02 | 49.61     | 185° 11' 29" |
| 1021 | 589886.73 | 3329802.53 | 43.45     | 185° 3' 12"  |
| 1022 | 589843.45 | 3329798.71 | 42 771,00 | 95° 5' 30"   |
| 1023 | 589842.99 | 3329803.88 | 90.21     | 184° 9' 8"   |
| 1024 | 589753.02 | 3329797.35 | 42 799,00 | 270° 4' 25"  |
| 1025 | 589753.02 | 3329792.05 | 34.89     | 185° 5' 59"  |
| 1026 | 589718.27 | 3329788.95 | 149.97    | 183° 39' 53" |
| 1027 | 589568.61 | 3329779.36 | 70.64     | 184° 24' 59" |
| 1028 | 589498.18 | 3329773.92 | 110.03    | 184° 53' 53" |
| 1029 | 589388.55 | 3329764.53 | 70.24     | 185° 14' 31" |
| 1030 | 589318.6  | 3329758.11 | 50.03     | 185° 37' 9"  |
| 1031 | 589268.82 | 3329753.21 | 70.07     | 185° 36' 4"  |
| 1032 | 589199.08 | 3329746.37 | 79.89     | 185° 38' 31" |
| 1033 | 589119.58 | 3329738.52 | 29.77     | 185° 26' 34" |
| 1034 | 589089.94 | 3329735.7  | 40.26     | 185° 3' 16"  |
| 1035 | 589049.84 | 3329732.15 | 60.25     | 186° 3' 58"  |
| 1036 | 588989.92 | 3329725.78 | 39.98     | 185° 57' 38" |
| 1037 | 588950.16 | 3329721.63 | 10,00     | 186° 18' 26" |
| 1038 | 588940.22 | 3329720.53 | 42 997,00 | 185° 57' 58" |
| 1039 | 588920.43 | 3329718.46 | 23.37     | 185° 57' 19" |
| 1040 | 588897.18 | 3329716.04 | 13 455,00 | 198° 24' 11" |
| 1041 | 588886.41 | 3329712.45 | 17.81     | 190° 22' 34" |
| 1042 | 588868.88 | 3329709.24 | 13.78     | 190° 21' 55" |
| 1043 | 588855.33 | 3329706.76 | 118.61    | 186° 10' 12" |
| 1044 | 588737.4  | 3329694.02 | 309.92    | 186° 9' 1"   |
| 1045 | 588429.27 | 3329660.81 | 125.3     | 186° 10' 59" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 1046 | 588304.7  | 3329647.32 | 359.86    | 186° 6' 5"   |
| 1047 | 587946.87 | 3329609.07 | 205.01    | 186° 5' 55"  |
| 1048 | 587743.02 | 3329587.29 | 89.34     | 186° 37' 2"  |
| 1049 | 587654.28 | 3329576.99 | 93.13     | 186° 10' 23" |
| 1050 | 587561.68 | 3329566.98 | 88.88     | 186° 6' 5"   |
| 1051 | 587473.3  | 3329557.53 | 163.16    | 185° 12' 2"  |
| 1052 | 587310.81 | 3329542.74 | 380.21    | 186° 10' 17" |
| 1053 | 586932.81 | 3329501.87 | 303.53    | 186° 26' 49" |
| 1054 | 586631.2  | 3329467.78 | 199.74    | 186° 0' 46"  |
| 1055 | 586432.56 | 3329446.86 | 69.56     | 185° 11' 30" |
| 1056 | 586363.28 | 3329440.57 | 50.44     | 186° 24' 28" |
| 1057 | 586313.16 | 3329434.94 | 140.39    | 186° 19' 52" |
| 1058 | 586173.62 | 3329419.46 | 198.09    | 189° 14' 13" |
| 1059 | 585978.1  | 3329387.66 | 274.41    | 189° 14' 23" |
| 1060 | 585707.26 | 3329343.6  | 71.48     | 195° 51' 11" |
| 1061 | 585638.49 | 3329324.07 | 190.62    | 196° 3' 7"   |
| 1062 | 585455.3  | 3329271.36 | 32.09     | 198° 27' 59" |
| 1063 | 585424.87 | 3329261.2  | 80.08     | 199° 49' 20" |
| 1064 | 585349.54 | 3329234.05 | 50.93     | 200° 2' 52"  |
| 1065 | 585301.69 | 3329216.59 | 99.51     | 201° 58' 24" |
| 1066 | 585209.4  | 3329179.35 | 151.11    | 201° 28' 54" |
| 1067 | 585068.79 | 3329124.01 | 99.46     | 202° 27' 10" |
| 1068 | 584976.87 | 3329086.03 | 50.17     | 202° 17' 33" |
| 1069 | 584930.45 | 3329066.99 | 119.04    | 200° 40' 17" |
| 1070 | 584819.07 | 3329024.97 | 80.61     | 200° 51' 13" |
| 1071 | 584743.74 | 3328996.28 | 99.93     | 201° 32' 12" |
| 1072 | 584650.79 | 3328959.59 | 49.99     | 201° 38' 11" |
| 1073 | 584604.31 | 3328941.16 | 135.88    | 201° 39' 18" |
| 1074 | 584478.02 | 3328891.02 | 42 889,00 | 114° 58' 3"  |
| 1075 | 584476.73 | 3328893.79 | 34.8      | 200° 8' 58"  |
| 1076 | 584444.06 | 3328881.8  | 4,00      | 289° 7' 9"   |
| 1077 | 584445.37 | 3328878.02 | 19.38     | 201° 35' 56" |
| 1078 | 584427.35 | 3328870.88 | 49.93     | 202° 37' 30" |
| 1079 | 584381.26 | 3328851.67 | 15.74     | 193° 33' 55" |
| 1080 | 584365.96 | 3328847.98 | 38.77     | 203° 9' 2"   |
| 1081 | 584330.32 | 3328832.74 | 42 968,00 | 195° 35' 57" |
| 1082 | 584309.32 | 3328826.88 | 18.38     | 195° 35' 18" |
| 1083 | 584291.62 | 3328821.94 | 43 078,00 | 189° 38' 23" |
| 1084 | 584282.63 | 3328820.41 | 40.56     | 191° 58' 20" |
| 1085 | 584242.95 | 3328812    | 14.87     | 187° 29' 20" |
| 1086 | 584228.2  | 3328810.06 | 67.88     | 183° 55' 10" |
| 1087 | 584160.48 | 3328805.42 | 174.08    | 183° 54' 45" |
| 1088 | 583986.8  | 3328793.54 | 113.44    | 183° 57' 57" |
| 1089 | 583873.63 | 3328785.7  | 84.53     | 182° 43' 49" |
| 1090 | 583789.19 | 3328781.67 | 38.21     | 185° 16' 57" |
| 1091 | 583751.14 | 3328778.15 | 42 747,00 | 174° 23' 39" |
| 1092 | 583739.1  | 3328779.33 | 20.83     | 191° 49' 29" |
| 1093 | 583718.71 | 3328775.07 | 34.11     | 183° 56' 34" |
| 1094 | 583684.68 | 3328772.72 | 683.87    | 195° 34' 48" |
| 1095 | 583025.94 | 3328589.04 | 626.89    | 195° 40' 54" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 1096 | 582422.38 | 3328419.6  | 36.95     | 195° 45' 46" |
| 1097 | 582386.82 | 3328409.56 | 206.27    | 195° 45' 36" |
| 1098 | 582188.3  | 3328353.54 | 364.88    | 202° 25' 6"  |
| 1099 | 581851    | 3328214.38 | 59.58     | 188° 36' 48" |
| 1100 | 581792.09 | 3328205.46 | 0.21      | 201° 26' 28" |
| 1101 | 581791.89 | 3328205.38 | 21.39     | 181° 15' 14" |
| 1102 | 581770.5  | 3328204.92 | 29.75     | 180° 38' 35" |
| 1103 | 581740.75 | 3328204.58 | 101.66    | 182° 46' 56" |
| 1104 | 581639.21 | 3328199.65 | 19 998,00 | 186° 33' 22" |
| 1105 | 581628.73 | 3328198.44 | 49.35     | 184° 10' 16" |
| 1106 | 581579.52 | 3328194.85 | 52.85     | 185° 23' 20" |
| 1107 | 581526.9  | 3328189.89 | 125.36    | 197° 56' 41" |
| 1108 | 581407.64 | 3328151.27 | 71.82     | 199° 55' 5"  |
| 1109 | 581340.12 | 3328126.8  | 129.94    | 202° 52' 16" |
| 1110 | 581220.39 | 3328076.3  | 23.64     | 202° 34' 4"  |
| 1111 | 581198.56 | 3328067.22 | 18 203,00 | 216° 6' 50"  |
| 1112 | 581189.28 | 3328060.45 | 44.32     | 207° 25' 47" |
| 1113 | 581149.94 | 3328040.03 | 90.17     | 204° 11' 4"  |
| 1114 | 581067.68 | 3328003.09 | 29 646,00 | 195° 55' 37" |
| 1115 | 581064.01 | 3328002.05 | 42 828,00 | 105° 53' 39" |
| 1116 | 581063.08 | 3328005.31 | 60.76     | 198° 2' 45"  |
| 1117 | 581005.31 | 3327986.49 | 31 717,00 | 162° 3' 42"  |
| 1118 | 580994.03 | 3327990.14 | 21 824,00 | 179° 55' 2"  |
| 1119 | 580983.44 | 3327990.16 | 18 019,00 | 187° 22' 19" |
| 1120 | 580978    | 3327989.46 | 41 395,00 | 201° 20' 36" |
| 1121 | 580973.22 | 3327987.59 | 42 909,00 | 224° 26' 40" |
| 1122 | 580956.76 | 3327971.44 | 58.26     | 195° 15' 16" |
| 1123 | 580900.55 | 3327956.11 | 42 804,00 | 149° 39' 45" |
| 1124 | 580891.66 | 3327961.31 | 21 582,00 | 190° 5' 34"  |
| 1125 | 580889.11 | 3327960.86 | 24 838,00 | 208° 4' 36"  |
| 1126 | 580887.62 | 3327960.07 | 43 070,00 | 230° 19' 9"  |
| 1127 | 580879.85 | 3327950.7  | 21 064,00 | 187° 21' 24" |
| 1128 | 580870.35 | 3327949.47 | 21 094,00 | 180° 28' 48" |
| 1129 | 580859.78 | 3327949.39 | 39.02     | 202° 23' 33" |
| 1130 | 580823.7  | 3327934.52 | 83.79     | 181° 47' 34" |
| 1131 | 580739.96 | 3327931.9  | 103.52    | 181° 49' 7"  |
| 1132 | 580636.49 | 3327928.62 | 27 334,00 | 195° 10' 12" |
| 1133 | 580625.16 | 3327925.54 | 38.21     | 187° 28' 22" |
| 1134 | 580587.27 | 3327920.57 | 62.65     | 191° 29' 54" |
| 1135 | 580525.88 | 3327908.09 | 40,00     | 193° 1' 16"  |
| 1136 | 580486.92 | 3327899.07 | 20.26     | 195° 23' 26" |
| 1137 | 580467.39 | 3327893.7  | 233.54    | 190° 8' 0"   |
| 1138 | 580237.49 | 3327852.61 | 87.54     | 207° 22' 54" |
| 1139 | 580159.76 | 3327812.35 | 13 058,00 | 207° 22' 54" |
| 1140 | 580150.57 | 3327807.59 | 268.95    | 207° 22' 54" |
| 1141 | 579911.75 | 3327683.89 | 92.43     | 191° 25' 12" |
| 1142 | 579821.15 | 3327665.59 | 50.38     | 193° 13' 34" |
| 1143 | 579772.11 | 3327654.07 | 90.23     | 191° 27' 40" |
| 1144 | 579683.68 | 3327636.14 | 150,00    | 193° 45' 25" |
| 1145 | 579537.98 | 3327600.47 | 81.63     | 193° 23' 38" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 1146 | 579458.57 | 3327581.56 | 69.49     | 193° 52' 22" |
| 1147 | 579391.11 | 3327564.9  | 42 926,00 | 198° 11' 14" |
| 1148 | 579380.94 | 3327561.56 | 643.55    | 196° 8' 47"  |
| 1149 | 578762.78 | 3327382.59 | 73.96     | 173° 55' 16" |
| 1150 | 578689.23 | 3327390.42 | 47.45     | 173° 55' 16" |
| 1151 | 578642.05 | 3327395.45 | 121.54    | 216° 50' 33" |
| 1152 | 578544.78 | 3327322.57 | 42 959,00 | 157° 24' 58" |
| 1153 | 578533.63 | 3327327.21 | 32 599,00 | 161° 51' 7"  |
| 1154 | 578528.98 | 3327328.73 | 18 050,00 | 171° 25' 51" |
| 1155 | 578522.56 | 3327329.7  | 36 312,00 | 182° 59' 26" |
| 1156 | 578515.58 | 3327329.33 | 69.91     | 192° 4' 59"  |
| 1157 | 578447.22 | 3327314.7  | 36 161,00 | 102° 22' 39" |
| 1158 | 578446.79 | 3327316.64 | 5,00      | 192° 21' 55" |
| 1159 | 578441.91 | 3327315.57 | 2,00      | 282° 22' 38" |
| 1160 | 578442.34 | 3327313.62 | 48.61     | 192° 17' 17" |
| 1161 | 578394.84 | 3327303.27 | 35 612,00 | 106° 14' 12" |
| 1162 | 578392.61 | 3327310.92 | 21 033,00 | 115° 41' 35" |
| 1163 | 578388.9  | 3327318.65 | 17 288,00 | 123° 43' 8"  |
| 1164 | 578385.86 | 3327323.19 | 42 742,00 | 130° 54' 4"  |
| 1165 | 578381.21 | 3327328.56 | 28 277,00 | 138° 49' 56" |
| 1166 | 578376.11 | 3327333.02 | 45 047,00 | 145° 41' 28" |
| 1167 | 578371.8  | 3327335.97 | 22 402,00 | 151° 52' 53" |
| 1168 | 578366.85 | 3327338.61 | 46 569,00 | 159° 14' 31" |
| 1169 | 578360.05 | 3327341.19 | 44 774,00 | 168° 5' 58"  |
| 1170 | 578352.01 | 3327342.88 | 35 977,00 | 177° 21' 54" |
| 1171 | 578344.03 | 3327343.25 | 22 706,00 | 184° 0' 2"   |
| 1172 | 578340.41 | 3327343    | 88.69     | 99° 56' 0"   |
| 1173 | 578325.12 | 3327430.36 | 300.01    | 122° 0' 34"  |
| 1174 | 578166.09 | 3327684.75 | 44 562,00 | 100° 1' 46"  |
| 1175 | 578165.88 | 3327685.95 | 43.5      | 9° 55' 58"   |
| 1176 | 578208.73 | 3327693.45 | 36.41     | 99° 49' 16"  |
| 1177 | 578202.52 | 3327729.33 | 93.56     | 189° 55' 58" |
| 1178 | 578110.36 | 3327713.19 | 36.46     | 279° 51' 44" |
| 1179 | 578116.61 | 3327677.27 | 42.04     | 9° 59' 37"   |
| 1180 | 578158    | 3327684.57 | 28 522,00 | 280° 1' 33"  |
| 1181 | 578158.49 | 3327681.83 | 300.01    | 302° 0' 34"  |
| 1182 | 578317.51 | 3327427.44 | 87.34     | 279° 55' 55" |
| 1183 | 578332.57 | 3327341.4  | 16 163,00 | 187° 39' 59" |
| 1184 | 578328.17 | 3327340.81 | 23 071,00 | 190° 7' 50"  |
| 1185 | 578324.6  | 3327340.17 | 14 001,00 | 195° 17' 31" |
| 1186 | 578319.42 | 3327338.75 | 27 181,00 | 202° 14' 31" |
| 1187 | 578313.18 | 3327336.2  | 34 455,00 | 209° 30' 46" |
| 1188 | 578308.01 | 3327333.28 | 11 475,00 | 216° 32' 3"  |
| 1189 | 578302.94 | 3327329.52 | 33 725,00 | 223° 32' 44" |
| 1190 | 578298.65 | 3327325.45 | 42 863,00 | 231° 33' 27" |
| 1191 | 578293.65 | 3327319.14 | 14 124,00 | 241° 33' 38" |
| 1192 | 578289.18 | 3327310.89 | 28 946,00 | 249° 41' 35" |
| 1193 | 578287.52 | 3327306.4  | 46 631,00 | 257° 45' 37" |
| 1194 | 578285.55 | 3327297.34 | 42 985,00 | 267° 8' 48"  |
| 1195 | 578285.2  | 3327290.26 | 23 559,00 | 275° 35' 39" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 1196 | 578285.94 | 3327282.66 | 35 916,00 | 283° 24' 12" |
| 1197 | 578287.33 | 3327276.84 | 42 892,00 | 290° 18' 17" |
| 1198 | 578289.43 | 3327271.16 | 16 163,00 | 296° 19' 21" |
| 1199 | 578291.4  | 3327267.18 | 15.73     | 189° 55' 37" |
| 1200 | 578275.9  | 3327264.47 | 87.51     | 187° 41' 40" |
| 1201 | 578189.18 | 3327252.76 | 42 866,00 | 180° 54' 39" |
| 1202 | 578177.68 | 3327252.57 | 93.24     | 192° 41' 31" |
| 1203 | 578086.73 | 3327232.09 | 12 389,00 | 192° 57' 16" |
| 1204 | 578074.71 | 3327229.32 | 102.32    | 201° 19' 43" |
| 1205 | 577979.4  | 3327192.11 | 199.8     | 201° 13' 7"  |
| 1206 | 577793.14 | 3327119.8  | 89.77     | 201° 8' 58"  |
| 1207 | 577709.42 | 3327087.41 | 22 494,00 | 200° 29' 0"  |
| 1208 | 577701.36 | 3327084.39 | 268.57    | 196° 0' 15"  |
| 1209 | 577443.19 | 3327010.35 | 99.96     | 195° 45' 57" |
| 1210 | 577346.99 | 3326983.19 | 90.73     | 195° 43' 6"  |
| 1211 | 577259.66 | 3326958.61 | 328.77    | 195° 46' 30" |
| 1212 | 576943.27 | 3326869.23 | 42 994,00 | 205° 12' 25" |
| 1213 | 576928.71 | 3326862.38 | 208.46    | 209° 8' 32"  |
| 1214 | 576746.64 | 3326760.86 | 51.2      | 208° 37' 8"  |
| 1215 | 576701.7  | 3326736.34 | 259.5     | 198° 38' 32" |
| 1216 | 576455.81 | 3326653.39 | 152.61    | 215° 14' 14" |
| 1217 | 576331.16 | 3326565.34 | 30 956,00 | 215° 14' 14" |
| 1218 | 576322.31 | 3326559.08 | 21.32     | 212° 45' 16" |
| 1219 | 576304.37 | 3326547.54 | 45.4      | 215° 57' 13" |
| 1220 | 576267.62 | 3326520.89 | 42 865,00 | 193° 38' 22" |
| 1221 | 576257.42 | 3326518.41 | 26 573,00 | 202° 31' 42" |
| 1222 | 576247.52 | 3326514.3  | 20.46     | 226° 45' 42" |
| 1223 | 576233.5  | 3326499.39 | 43 059,00 | 213° 50' 55" |
| 1224 | 576216.8  | 3326488.19 | 14.22     | 227° 19' 39" |
| 1225 | 576207.16 | 3326477.74 | 142.11    | 215° 14' 14" |
| 1226 | 576091.08 | 3326395.74 | 109.47    | 209° 6' 32"  |
| 1227 | 575995.44 | 3326342.49 | 42 846,00 | 209° 0' 36"  |
| 1228 | 575976.73 | 3326332.11 | 134.94    | 209° 10' 0"  |
| 1229 | 575858.9  | 3326266.35 | 63.44     | 207° 44' 14" |
| 1230 | 575802.75 | 3326236.82 | 42 940,00 | 209° 4' 5"   |
| 1231 | 575781.16 | 3326224.82 | 42 786,00 | 209° 42' 43" |
| 1232 | 575763.77 | 3326214.9  | 42 885,00 | 209° 50' 11" |
| 1233 | 575737.7  | 3326199.95 | 29.85     | 209° 55' 48" |
| 1234 | 575711.83 | 3326185.05 | 19.84     | 209° 17' 50" |
| 1235 | 575694.53 | 3326175.34 | 49.96     | 209° 22' 7"  |
| 1236 | 575650.98 | 3326150.84 | 49.71     | 209° 13' 53" |
| 1237 | 575607.61 | 3326126.57 | 50.06     | 208° 20' 25" |
| 1238 | 575563.55 | 3326102.81 | 30.88     | 209° 29' 37" |
| 1239 | 575536.67 | 3326087.6  | 42 870,00 | 211° 39' 14" |
| 1240 | 575523.48 | 3326079.47 | 76.62     | 209° 4' 9"   |
| 1241 | 575456.51 | 3326042.24 | 28.37     | 201° 1' 53"  |
| 1242 | 575430.03 | 3326032.06 | 28 430,00 | 72° 23' 55"  |
| 1243 | 575433.59 | 3326043.28 | 42 644,00 | 157° 7' 9"   |
| 1244 | 575424.23 | 3326047.23 | 20.45     | 250° 55' 23" |
| 1245 | 575417.54 | 3326027.9  | 31.15     | 201° 29' 31" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 1246 | 575388.56 | 3326016.49 | 42 927,00 | 199° 21' 38" |
| 1247 | 575377.53 | 3326012.61 | 42 875,00 | 208° 32' 13" |
| 1248 | 575359.91 | 3326003.03 | 16 346,00 | 198° 41' 42" |
| 1249 | 575350.02 | 3325999.69 | 43 374,00 | 214° 30' 49" |
| 1250 | 575341.64 | 3325993.92 | 20.13     | 219° 33' 38" |
| 1251 | 575326.12 | 3325981.1  | 13.47     | 218° 31' 7"  |
| 1252 | 575315.58 | 3325972.71 | 13.17     | 212° 31' 49" |
| 1253 | 575304.47 | 3325965.63 | 28.64     | 201° 2' 43"  |
| 1254 | 575277.74 | 3325955.34 | 42 845,00 | 197° 1' 40"  |
| 1255 | 575258.58 | 3325949.47 | 42 755,00 | 202° 13' 50" |
| 1256 | 575239.97 | 3325941.87 | 20.17     | 206° 8' 24"  |
| 1257 | 575221.86 | 3325932.98 | 20.16     | 209° 54' 57" |
| 1258 | 575204.39 | 3325922.93 | 42 967,00 | 204° 18' 42" |
| 1259 | 575186.09 | 3325914.66 | 21 398,00 | 211° 45' 3"  |
| 1260 | 575178.79 | 3325910.15 | 36.13     | 200° 57' 15" |
| 1261 | 575145.06 | 3325897.23 | 54.84     | 200° 10' 0"  |
| 1262 | 575093.58 | 3325878.32 | 71.72     | 199° 38' 32" |
| 1263 | 575026.03 | 3325854.21 | 49.99     | 199° 24' 30" |
| 1264 | 574978.88 | 3325837.6  | 72.54     | 201° 6' 13"  |
| 1265 | 574911.21 | 3325811.48 | 35.38     | 206° 47' 40" |
| 1266 | 574879.63 | 3325795.53 | 17.83     | 200° 57' 48" |
| 1267 | 574862.98 | 3325789.15 | 25.79     | 212° 44' 37" |
| 1268 | 574841.28 | 3325775.2  | 34.72     | 207° 36' 42" |
| 1269 | 574810.52 | 3325759.11 | 72.6      | 215° 4' 46"  |
| 1270 | 574751.1  | 3325717.39 | 31.61     | 214° 52' 31" |
| 1271 | 574725.17 | 3325699.31 | 53.44     | 222° 32' 29" |
| 1272 | 574685.8  | 3325663.18 | 40.7      | 227° 52' 26" |
| 1273 | 574658.5  | 3325633    | 23 651,00 | 224° 10' 33" |
| 1274 | 574650.87 | 3325625.58 | 22.76     | 230° 7' 15"  |
| 1275 | 574636.28 | 3325608.12 | 34.59     | 223° 43' 1"  |
| 1276 | 574611.28 | 3325584.21 | 149.31    | 234° 32' 43" |
| 1277 | 574524.67 | 3325462.59 | 43.6      | 246° 17' 5"  |
| 1278 | 574507.14 | 3325422.67 | 29.98     | 245° 22' 18" |
| 1279 | 574494.64 | 3325395.42 | 71.15     | 244° 46' 16" |
| 1280 | 574464.31 | 3325331.05 | 42 896,00 | 249° 3' 34"  |
| 1281 | 574460.53 | 3325321.16 | 92.61     | 247° 25' 33" |
| 1282 | 574424.97 | 3325235.64 | 32.51     | 257° 46' 26" |
| 1283 | 574418.09 | 3325203.86 | 49.67     | 256° 32' 34" |
| 1284 | 574406.53 | 3325155.56 | 219.74    | 255° 17' 54" |
| 1285 | 574350.76 | 3324943.02 | 105.61    | 243° 31' 56" |
| 1286 | 574303.69 | 3324848.47 | 151.2     | 225° 32' 11" |
| 1287 | 574197.79 | 3324740.56 | 118.6     | 246° 33' 22" |
| 1288 | 574150.6  | 3324631.76 | 70.09     | 233° 24' 15" |
| 1289 | 574108.81 | 3324575.48 | 221.55    | 233° 24' 19" |
| 1290 | 573976.74 | 3324397.6  | 214.86    | 233° 25' 14" |
| 1291 | 573848.69 | 3324225.06 | 96.39     | 233° 24' 35" |
| 1292 | 573791.24 | 3324147.68 | 40.9      | 231° 46' 55" |
| 1293 | 573765.94 | 3324115.54 | 50.3      | 233° 6' 56"  |
| 1294 | 573735.75 | 3324075.31 | 39.6      | 233° 9' 44"  |
| 1295 | 573712    | 3324043.62 | 180.3     | 233° 54' 44" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 1296 | 573605.8  | 3323897.91 | 52.86     | 233° 39' 14" |
| 1297 | 573574.48 | 3323855.34 | 227.31    | 225° 49' 49" |
| 1298 | 573416.09 | 3323692.3  | 195.08    | 250° 48' 39" |
| 1299 | 573351.97 | 3323508.06 | 29 007,00 | 238° 17' 5"  |
| 1300 | 573348.4  | 3323502.28 | 50,00     | 238° 20' 55" |
| 1301 | 573322.16 | 3323459.71 | 18.72     | 238° 20' 55" |
| 1302 | 573312.34 | 3323443.78 | 25 082,00 | 231° 33' 26" |
| 1303 | 573306.32 | 3323436.19 | 42 804,00 | 240° 6' 16"  |
| 1304 | 573301.32 | 3323427.5  | 32 203,00 | 234° 21' 25" |
| 1305 | 573299.06 | 3323424.34 | 42 861,00 | 234° 21' 25" |
| 1306 | 573295.53 | 3323419.43 | 32 356,00 | 230° 23' 27" |
| 1307 | 573289.87 | 3323412.59 | 42 767,00 | 230° 23' 28" |
| 1308 | 573289.11 | 3323411.66 | 42 835,00 | 234° 36' 43" |
| 1309 | 573283.08 | 3323403.18 | 21 337,00 | 240° 59' 51" |
| 1310 | 573279.89 | 3323397.43 | 36 192,00 | 240° 59' 51" |
| 1311 | 573278.45 | 3323394.82 | 36 192,00 | 239° 33' 18" |
| 1312 | 573276.93 | 3323392.24 | 14 427,00 | 239° 27' 14" |
| 1313 | 573273.18 | 3323385.88 | 27 912,00 | 261° 7' 16"  |
| 1314 | 573272.13 | 3323379.2  | 21.86     | 237° 37' 10" |
| 1315 | 573260.43 | 3323360.74 | 134.56    | 237° 36' 48" |
| 1316 | 573188.35 | 3323247.1  | 223,00    | 237° 35' 43" |
| 1317 | 573068.84 | 3323058.83 | 56.55     | 237° 33' 58" |
| 1318 | 573038.52 | 3323011.1  | 30.18     | 237° 33' 32" |
| 1319 | 573022.33 | 3322985.64 | 67.72     | 237° 34' 11" |
| 1320 | 572986.01 | 3322928.48 | 121.61    | 237° 50' 34" |
| 1321 | 572921.29 | 3322825.53 | 163.84    | 237° 18' 41" |
| 1322 | 572832.8  | 3322687.64 | 77.27     | 237° 32' 6"  |
| 1323 | 572791.32 | 3322622.44 | 11 810,00 | 233° 24' 29" |
| 1324 | 572788.15 | 3322618.17 | 42 998,00 | 233° 23' 51" |
| 1325 | 572776.18 | 3322602.04 | 10,00     | 233° 44' 58" |
| 1326 | 572770.26 | 3322593.97 | 42 997,00 | 233° 24' 29" |
| 1327 | 572758.4  | 3322578    | 42 750,00 | 233° 23' 51" |
| 1328 | 572749.45 | 3322565.95 | 104.08    | 232° 39' 23" |
| 1329 | 572686.32 | 3322483.21 | 277.36    | 232° 41' 52" |
| 1330 | 572518.23 | 3322262.59 | 53.73     | 232° 39' 20" |
| 1331 | 572485.64 | 3322219.87 | 48.17     | 230° 52' 20" |
| 1332 | 572455.24 | 3322182.5  | 21.74     | 230° 47' 51" |
| 1333 | 572441.5  | 3322165.66 | 27.27     | 237° 17' 29" |
| 1334 | 572426.77 | 3322142.71 | 18.19     | 232° 39' 20" |
| 1335 | 572415.73 | 3322128.25 | 27 181,00 | 241° 48' 12" |
| 1336 | 572412.55 | 3322122.31 | 44 835,00 | 232° 21' 7"  |
| 1337 | 572406.31 | 3322114.22 | 23.16     | 244° 2' 50"  |
| 1338 | 572396.17 | 3322093.39 | 42 998,00 | 244° 2' 11"  |
| 1339 | 572387.38 | 3322075.33 | 138.06    | 241° 47' 55" |
| 1340 | 572322.13 | 3321953.66 | 33 451,00 | 238° 53' 30" |
| 1341 | 572317.53 | 3321946.03 | 29.99     | 239° 0' 58"  |
| 1342 | 572302.09 | 3321920.32 | 42 906,00 | 238° 53' 30" |
| 1343 | 572291.72 | 3321903.14 | 10,00     | 239° 14' 37" |
| 1344 | 572286.61 | 3321894.54 | 42 997,00 | 238° 54' 8"  |
| 1345 | 572276.33 | 3321877.51 | 42 813,00 | 238° 53' 30" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 1346 | 572266.36 | 3321860.99 | 42 836,00 | 236° 19' 24" |
| 1347 | 572260.04 | 3321851.5  | 42 877,00 | 243° 55' 47" |
| 1348 | 572250.35 | 3321831.7  | 42 998,00 | 243° 55' 8"  |
| 1349 | 572241.52 | 3321813.65 | 10,00     | 244° 16' 15" |
| 1350 | 572237.18 | 3321804.64 | 42 997,00 | 243° 55' 47" |
| 1351 | 572228.43 | 3321786.77 | 12 724,00 | 243° 55' 8"  |
| 1352 | 572223.45 | 3321776.58 | 42 983,00 | 227° 19' 57" |
| 1353 | 572219.45 | 3321772.24 | 12 693,00 | 237° 38' 58" |
| 1354 | 572213.91 | 3321763.51 | 28 703,00 | 263° 1' 56"  |
| 1355 | 572212.85 | 3321754.79 | 14.41     | 243° 55' 47" |
| 1356 | 572206.52 | 3321741.84 | 42 842,00 | 243° 55' 4"  |
| 1357 | 572199.02 | 3321726.54 | 25.79     | 244° 1' 57"  |
| 1358 | 572187.73 | 3321703.35 | 42 867,00 | 241° 45' 26" |
| 1359 | 572182.03 | 3321692.74 | 87.99     | 241° 49' 5"  |
| 1360 | 572140.47 | 3321615.18 | 20 546,00 | 240° 48' 50" |
| 1361 | 572138.25 | 3321611.19 | 20.79     | 240° 37' 24" |
| 1362 | 572128.05 | 3321593.08 | 10,00     | 240° 58' 7"  |
| 1363 | 572123.19 | 3321584.33 | 42 997,00 | 240° 37' 39" |
| 1364 | 572113.44 | 3321566.99 | 16.93     | 240° 37' 0"  |
| 1365 | 572105.13 | 3321552.24 | 42 775,00 | 229° 20' 5"  |
| 1366 | 572099.25 | 3321545.4  | 21.94     | 236° 32' 32" |
| 1367 | 572087.16 | 3321527.09 | 42 998,00 | 236° 31' 53" |
| 1368 | 572076.08 | 3321510.34 | 10,00     | 236° 53' 0"  |
| 1369 | 572070.61 | 3321501.96 | 42 997,00 | 236° 32' 32" |
| 1370 | 572059.64 | 3321485.36 | 42 998,00 | 236° 31' 53" |
| 1371 | 572048.57 | 3321468.6  | 10,00     | 236° 53' 0"  |
| 1372 | 572043.1  | 3321460.22 | 19.91     | 236° 32' 13" |
| 1373 | 572032.12 | 3321443.61 | 119.88    | 236° 35' 41" |
| 1374 | 571966.12 | 3321343.54 | 31 656,00 | 236° 11' 54" |
| 1375 | 571960.64 | 3321335.35 | 19.98     | 236° 4' 27"  |
| 1376 | 571949.48 | 3321318.77 | 49.98     | 236° 8' 44"  |
| 1377 | 571921.64 | 3321277.26 | 42 936,00 | 236° 4' 7"   |
| 1378 | 571910.44 | 3321260.61 | 10,00     | 236° 25' 14" |
| 1379 | 571904.9  | 3321252.27 | 42 997,00 | 236° 4' 46"  |
| 1380 | 571893.8  | 3321235.76 | 42 816,00 | 236° 4' 7"   |
| 1381 | 571881.35 | 3321217.26 | 42 927,00 | 244° 35' 13" |
| 1382 | 571876.6  | 3321207.26 | 18.85     | 239° 46' 16" |
| 1383 | 571867.11 | 3321190.97 | 29.2      | 240° 23' 43" |
| 1384 | 571852.68 | 3321165.58 | 42 785,00 | 236° 47' 43" |
| 1385 | 571842.27 | 3321149.67 | 42 998,00 | 236° 47' 43" |
| 1386 | 571831.27 | 3321132.86 | 10,00     | 237° 8' 30"  |
| 1387 | 571825.84 | 3321124.46 | 42 997,00 | 236° 48' 2"  |
| 1388 | 571814.95 | 3321107.81 | 42 998,00 | 236° 47' 23" |
| 1389 | 571803.95 | 3321091.01 | 10,00     | 237° 8' 30"  |
| 1390 | 571798.52 | 3321082.6  | 42 875,00 | 236° 48' 2"  |
| 1391 | 571787.54 | 3321065.83 | 42 755,00 | 237° 21' 19" |
| 1392 | 571776.75 | 3321048.98 | 19 238,00 | 235° 3' 30"  |
| 1393 | 571771.3  | 3321041.18 | 20.61     | 237° 20' 6"  |
| 1394 | 571760.17 | 3321023.83 | 42 998,00 | 237° 20' 6"  |
| 1395 | 571749.33 | 3321006.92 | 10,00     | 237° 40' 54" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 1396 | 571743.98 | 3320998.46 | 42 997,00 | 237° 20' 26" |
| 1397 | 571733.25 | 3320981.71 | 42 998,00 | 237° 19' 47" |
| 1398 | 571722.4  | 3320964.8  | 10,00     | 237° 40' 54" |
| 1399 | 571717.06 | 3320956.35 | 42 997,00 | 237° 20' 26" |
| 1400 | 571706.32 | 3320939.6  | 42 998,00 | 237° 19' 47" |
| 1401 | 571695.48 | 3320922.69 | 10,00     | 237° 40' 54" |
| 1402 | 571690.13 | 3320914.24 | 42 997,00 | 237° 20' 26" |
| 1403 | 571679.39 | 3320897.49 | 42 814,00 | 237° 19' 47" |
| 1404 | 571668.58 | 3320880.63 | 42 855,00 | 237° 27' 15" |
| 1405 | 571652.42 | 3320855.31 | 29.86     | 237° 31' 6"  |
| 1406 | 571636.39 | 3320830.12 | 19.84     | 236° 55' 25" |
| 1407 | 571625.56 | 3320813.49 | 50.01     | 236° 59' 7"  |
| 1408 | 571598.31 | 3320771.56 | 49.98     | 236° 59' 23" |
| 1409 | 571571.08 | 3320729.64 | 49.72     | 236° 59' 7"  |
| 1410 | 571543.99 | 3320687.95 | 30.48     | 235° 58' 39" |
| 1411 | 571526.93 | 3320662.69 | 42 895,00 | 238° 44' 39" |
| 1412 | 571521.95 | 3320654.48 | 41 944,00 | 238° 45' 14" |
| 1413 | 571516.17 | 3320644.96 | 43 003,00 | 238° 48' 33" |
| 1414 | 571503.18 | 3320623.5  | 236.27    | 236° 59' 40" |
| 1415 | 571374.48 | 3320425.36 | 308.76    | 223° 47' 15" |
| 1416 | 571151.58 | 3320211.7  | 174.46    | 223° 53' 19" |
| 1417 | 571025.85 | 3320090.75 | 132.23    | 212° 29' 51" |
| 1418 | 570914.33 | 3320019.71 | 58.33     | 232° 32' 33" |
| 1419 | 570878.85 | 3319973.41 | 24 563,00 | 232° 32' 33" |
| 1420 | 570876.01 | 3319969.7  | 106.48    | 232° 32' 33" |
| 1421 | 570811.25 | 3319885.17 | 302.76    | 223° 47' 53" |
| 1422 | 570592.72 | 3319675.63 | 149.2     | 215° 48' 43" |
| 1423 | 570471.73 | 3319588.33 | 45.66     | 213° 26' 9"  |
| 1424 | 570433.63 | 3319563.17 | 42 846,00 | 213° 21' 14" |
| 1425 | 570415.76 | 3319551.4  | 24 016,00 | 218° 39' 14" |
| 1426 | 570407.44 | 3319544.75 | 69.16     | 215° 41' 45" |
| 1427 | 570351.27 | 3319504.4  | 99.98     | 215° 42' 57" |
| 1428 | 570270.1  | 3319446.04 | 69.29     | 216° 6' 8"   |
| 1429 | 570214.12 | 3319405.21 | 41 609,00 | 212° 30' 19" |
| 1430 | 570203.89 | 3319398.69 | 42 788,00 | 223° 29' 22" |
| 1431 | 570187.92 | 3319383.54 | 20.27     | 215° 54' 31" |
| 1432 | 570171.5  | 3319371.65 | 39,00     | 227° 49' 51" |
| 1433 | 570145.32 | 3319342.75 | 73.18     | 223° 57' 25" |
| 1434 | 570092.64 | 3319291.95 | 42.97     | 228° 24' 44" |
| 1435 | 570064.12 | 3319259.81 | 42.02     | 234° 25' 38" |
| 1436 | 570039.67 | 3319225.63 | 14.23     | 227° 55' 25" |
| 1437 | 570030.14 | 3319215.08 | 169.23    | 237° 43' 10" |
| 1438 | 569939.76 | 3319072    | 43 094,00 | 246° 23' 23" |
| 1439 | 569929.7  | 3319048.99 | 42 831,00 | 243° 9' 34"  |
| 1440 | 569926.81 | 3319043.28 | 30.49     | 244° 17' 29" |
| 1441 | 569913.59 | 3319015.81 | 20.79     | 245° 1' 55"  |
| 1442 | 569904.81 | 3318996.96 | 20 394,00 | 247° 13' 42" |
| 1443 | 569900.34 | 3318986.31 | 20.92     | 250° 41' 12" |
| 1444 | 569893.42 | 3318966.56 | 32 540,00 | 250° 40' 34" |
| 1445 | 569892.46 | 3318963.84 | 42 785,00 | 246° 26' 22" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 1446 | 569884.86 | 3318946.4  | 49.15     | 256° 27' 27" |
| 1447 | 569873.35 | 3318898.61 | 46 388,00 | 254° 31' 58" |
| 1448 | 569873.01 | 3318897.38 | 42 957,00 | 254° 49' 54" |
| 1449 | 569870.37 | 3318887.65 | 20,00     | 254° 51' 12" |
| 1450 | 569865.15 | 3318868.35 | 20.91     | 254° 50' 33" |
| 1451 | 569859.68 | 3318848.17 | 30.81     | 258° 13' 30" |
| 1452 | 569853.39 | 3318818.01 | 42 876,00 | 257° 50' 22" |
| 1453 | 569848.86 | 3318796.99 | 0.75      | 258° 49' 25" |
| 1454 | 569848.72 | 3318796.26 | 42 774,00 | 256° 28' 50" |
| 1455 | 569846.8  | 3318788.29 | 319.72    | 260° 35' 35" |
| 1456 | 569794.54 | 3318472.86 | 120.64    | 252° 49' 32" |
| 1457 | 569758.92 | 3318357.6  | 117.34    | 252° 54' 15" |
| 1458 | 569724.43 | 3318245.44 | 229.77    | 252° 55' 6"  |
| 1459 | 569656.93 | 3318025.81 | 335.45    | 252° 55' 29" |
| 1460 | 569558.44 | 3317705.15 | 187.39    | 252° 56' 12" |
| 1461 | 569503.45 | 3317526.01 | 318.71    | 252° 52' 31" |
| 1462 | 569409.61 | 3317221.43 | 86.92     | 252° 32' 16" |
| 1463 | 569383.52 | 3317138.51 | 80.07     | 253° 0' 14"  |
| 1464 | 569360.12 | 3317061.93 | 115.49    | 252° 55' 14" |
| 1465 | 569326.2  | 3316951.54 | 152.18    | 235° 37' 10" |
| 1466 | 569240.26 | 3316825.94 | 61.52     | 265° 38' 5"  |
| 1467 | 569235.58 | 3316764.59 | 20 576,00 | 265° 38' 5"  |
| 1468 | 569235.16 | 3316759.05 | 133.42    | 265° 38' 5"  |
| 1469 | 569225    | 3316626.01 | 93.35     | 252° 43' 2"  |
| 1470 | 569197.27 | 3316536.87 | 49.99     | 252° 44' 43" |
| 1471 | 569182.44 | 3316489.14 | 69.88     | 252° 43' 37" |
| 1472 | 569161.69 | 3316422.4  | 28.79     | 252° 46' 48" |
| 1473 | 569153.17 | 3316394.91 | 48.4      | 252° 43' 17" |
| 1474 | 569138.79 | 3316348.7  | 50.16     | 252° 40' 43" |
| 1475 | 569123.86 | 3316300.81 | 210.1     | 252° 43' 37" |
| 1476 | 569061.48 | 3316100.19 | 196.25    | 252° 48' 46" |
| 1477 | 569003.48 | 3315912.7  | 42 817,00 | 252° 48' 46" |
| 1478 | 568996.6  | 3315890.44 | 51.96     | 252° 48' 46" |
| 1479 | 568981.25 | 3315840.8  | 55.84     | 242° 45' 44" |
| 1480 | 568955.69 | 3315791.15 | 103.39    | 236° 32' 37" |
| 1481 | 568898.69 | 3315704.9  | 99.99     | 236° 19' 35" |
| 1482 | 568843.25 | 3315621.69 | 29.68     | 237° 16' 32" |
| 1483 | 568827.21 | 3315596.72 | 218.07    | 217° 29' 42" |
| 1484 | 568654.19 | 3315463.98 | 42 825,00 | 217° 29' 42" |
| 1485 | 568629.58 | 3315445.1  | 93.91     | 217° 29' 42" |
| 1486 | 568555.07 | 3315387.94 | 29 891,00 | 210° 29' 36" |
| 1487 | 568544.89 | 3315381.94 | 68.67     | 223° 36' 27" |
| 1488 | 568495.16 | 3315334.58 | 23.31     | 223° 36' 27" |
| 1489 | 568478.29 | 3315318.5  | 31.61     | 231° 4' 32"  |
| 1490 | 568458.43 | 3315293.91 | 47.32     | 232° 48' 11" |
| 1491 | 568429.82 | 3315256.21 | 68.41     | 294° 34' 13" |
| 1492 | 568458.27 | 3315194    | 53.82     | 232° 9' 37"  |
| 1493 | 568425.25 | 3315151.5  | 170.49    | 247° 12' 41" |
| 1494 | 568359.21 | 3314994.31 | 102.14    | 258° 8' 1"   |
| 1495 | 568338.21 | 3314894.36 | 114.26    | 263° 55' 15" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 1496 | 568326.11 | 3314780.74 | 89.41     | 272° 29' 48" |
| 1497 | 568330    | 3314691.41 | 24 320,00 | 213° 3' 28"  |
| 1498 | 568322.75 | 3314686.69 | 55.44     | 210° 13' 10" |
| 1499 | 568274.84 | 3314658.78 | 68.06     | 271° 23' 34" |
| 1500 | 568276.5  | 3314590.75 | 45.23     | 274° 22' 24" |
| 1501 | 568279.94 | 3314545.66 | 137.23    | 266° 31' 39" |
| 1502 | 568271.63 | 3314408.68 | 0.9       | 266° 26' 5"  |
| 1503 | 568271.58 | 3314407.78 | 42 800,00 | 266° 26' 5"  |
| 1504 | 568271.18 | 3314401.49 | 121.38    | 255° 5' 52"  |
| 1505 | 568239.97 | 3314284.19 | 375.02    | 254° 12' 33" |
| 1506 | 568137.92 | 3313923.33 | 26.41     | 256° 8' 0"   |
| 1507 | 568131.59 | 3313897.69 | 50.23     | 257° 24' 6"  |
| 1508 | 568120.63 | 3313848.66 | 39.55     | 259° 45' 18" |
| 1509 | 568113.59 | 3313809.74 | 52.41     | 262° 45' 41" |
| 1510 | 568106.99 | 3313757.75 | 259.76    | 262° 59' 51" |
| 1511 | 568075.32 | 3313499.92 | 340.12    | 262° 52' 41" |
| 1512 | 568033.15 | 3313162.42 | 31 444,00 | 262° 48' 2"  |
| 1513 | 568032.8  | 3313159.59 | 297.28    | 262° 52' 11" |
| 1514 | 567995.9  | 3312864.61 | 42 865,00 | 262° 51' 54" |
| 1515 | 567994.65 | 3312854.64 | 100.21    | 262° 51' 54" |
| 1516 | 567982.2  | 3312755.2  | 150.45    | 262° 51' 54" |
| 1517 | 567963.51 | 3312605.92 | 49.62     | 262° 58' 47" |
| 1518 | 567957.45 | 3312556.67 | 189.81    | 263° 3' 38"  |
| 1519 | 567934.52 | 3312368.25 | 60.48     | 263° 21' 38" |
| 1520 | 567927.52 | 3312308.18 | 249.91    | 263° 46' 10" |
| 1521 | 567900.4  | 3312059.75 | 99.53     | 263° 35' 8"  |
| 1522 | 567889.28 | 3311960.84 | 39.87     | 263° 5' 35"  |
| 1523 | 567884.49 | 3311921.27 | 160.81    | 262° 14' 19" |
| 1524 | 567862.77 | 3311761.93 | 127.04    | 263° 13' 43" |
| 1525 | 567847.79 | 3311635.77 | 138.84    | 263° 28' 12" |
| 1526 | 567832    | 3311497.84 | 166.52    | 249° 58' 45" |
| 1527 | 567774.99 | 3311341.37 | 31.64     | 236° 32' 4"  |
| 1528 | 567757.55 | 3311314.98 | 31.74     | 227° 14' 56" |
| 1529 | 567736    | 3311291.67 | 184.52    | 214° 4' 52"  |
| 1530 | 567583.17 | 3311188.27 | 192.37    | 214° 4' 39"  |
| 1531 | 567423.83 | 3311080.48 | 229.93    | 213° 59' 33" |
| 1532 | 567233.2  | 3310951.94 | 76.41     | 214° 3' 58"  |
| 1533 | 567169.89 | 3310909.13 | 27.41     | 218° 32' 11" |
| 1534 | 567148.45 | 3310892.05 | 165.25    | 240° 59' 44" |
| 1535 | 567068.33 | 3310747.53 | 62.02     | 240° 12' 9"  |
| 1536 | 567037.51 | 3310693.71 | 260.57    | 242° 16' 7"  |
| 1537 | 566916.26 | 3310463.07 | 100.38    | 242° 4' 53"  |
| 1538 | 566869.26 | 3310374.37 | 18.24     | 224° 15' 5"  |
| 1539 | 566856.19 | 3310361.64 | 792.45    | 214° 11' 0"  |
| 1540 | 566200.64 | 3309916.41 | 183.26    | 223° 24' 19" |
| 1541 | 566067.5  | 3309790.49 | 174.42    | 223° 24' 19" |
| 1542 | 565940.78 | 3309670.63 | 296.9     | 223° 48' 26" |
| 1543 | 565726.52 | 3309465.11 | 113.04    | 223° 2' 45"  |
| 1544 | 565643.91 | 3309387.95 | 42 644,00 | 223° 2' 44"  |
| 1545 | 565636.48 | 3309381.02 | 140.61    | 223° 24' 54" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 1546 | 565534.35 | 3309284.38 | 241.01    | 223° 57' 21" |
| 1547 | 565360.85 | 3309117.09 | 14.41     | 216° 14' 8"  |
| 1548 | 565349.22 | 3309108.57 | 37.94     | 215° 50' 55" |
| 1549 | 565318.47 | 3309086.35 | 350.24    | 213° 25' 4"  |
| 1550 | 565026.13 | 3308893.46 | 24 716,00 | 210° 25' 22" |
| 1551 | 565017.79 | 3308888.56 | 66.53     | 213° 51' 11" |
| 1552 | 564962.54 | 3308851.5  | 127.62    | 213° 18' 26" |
| 1553 | 564855.89 | 3308781.43 | 42.67     | 222° 32' 28" |
| 1554 | 564824.45 | 3308752.58 | 153.09    | 214° 28' 54" |
| 1555 | 564698.26 | 3308665.91 | 41 974,00 | 210° 22' 15" |
| 1556 | 564687.79 | 3308659.77 | 42 947,00 | 208° 53' 43" |
| 1557 | 564660.03 | 3308644.45 | 17.29     | 215° 36' 42" |
| 1558 | 564645.97 | 3308634.38 | 199.17    | 213° 14' 25" |
| 1559 | 564479.39 | 3308525.21 | 99.61     | 212° 37' 29" |
| 1560 | 564395.5  | 3308471.5  | 50.79     | 213° 9' 14"  |
| 1561 | 564352.98 | 3308443.73 | 50.05     | 214° 14' 5"  |
| 1562 | 564311.6  | 3308415.57 | 41.27     | 216° 0' 6"   |
| 1563 | 564278.21 | 3308391.31 | 107.61    | 213° 43' 15" |
| 1564 | 564188.71 | 3308331.58 | 100.72    | 213° 35' 32" |
| 1565 | 564104.81 | 3308275.85 | 204.04    | 213° 35' 32" |
| 1566 | 563934.85 | 3308162.96 | 39.11     | 218° 17' 32" |
| 1567 | 563904.15 | 3308138.73 | 69.36     | 228° 51' 47" |
| 1568 | 563858.52 | 3308086.49 | 42 892,00 | 214° 11' 7"  |
| 1569 | 563853.06 | 3308082.78 | 90.2      | 230° 50' 18" |
| 1570 | 563796.11 | 3308012.85 | 237,00    | 228° 53' 26" |
| 1571 | 563640.28 | 3307834.28 | 561.78    | 246° 50' 28" |
| 1572 | 563419.34 | 3307317.76 | 160.12    | 247° 4' 51"  |
| 1573 | 563356.98 | 3307170.28 | 165.28    | 247° 50' 52" |
| 1574 | 563294.66 | 3307017.21 | 0.07      | 241° 40' 11" |
| 1575 | 563294.63 | 3307017.15 | 69.6      | 215° 20' 1"  |
| 1576 | 563237.85 | 3306976.9  | 40.01     | 233° 31' 34" |
| 1577 | 563214.07 | 3306944.72 | 13 728,00 | 278° 39' 9"  |
| 1578 | 563215.33 | 3306936.45 | 24.21     | 233° 26' 34" |
| 1579 | 563200.91 | 3306917    | 259.5     | 250° 22' 20" |
| 1580 | 563113.74 | 3306672.58 | 32 325,00 | 201° 1' 9"   |
| 1581 | 563106.38 | 3306669.75 | 18 080,00 | 252° 23' 18" |
| 1582 | 563104.12 | 3306662.61 | 46 296,00 | 221° 45' 11" |
| 1583 | 563096.47 | 3306655.78 | 38.71     | 250° 25' 11" |
| 1584 | 563083.49 | 3306619.31 | 42 844,00 | 284° 10' 43" |
| 1585 | 563088.16 | 3306600.85 | 107.66    | 250° 22' 20" |
| 1586 | 563051.99 | 3306499.45 | 77.91     | 261° 30' 17" |
| 1587 | 563040.48 | 3306422.39 | 1683.43   | 250° 32' 12" |
| 1588 | 562479.56 | 3304835.16 | 11 810,00 | 160° 54' 33" |
| 1589 | 562474.53 | 3304836.9  | 19 541,00 | 220° 23' 38" |
| 1590 | 562468.8  | 3304832.03 | 23 894,00 | 308° 18' 58" |
| 1591 | 562472.92 | 3304826.81 | 72.78     | 250° 28' 57" |
| 1592 | 562448.61 | 3304758.21 | 42 784,00 | 241° 38' 49" |
| 1593 | 562440.05 | 3304742.35 | 92.75     | 249° 15' 41" |
| 1594 | 562407.2  | 3304655.61 | 86.05     | 250° 18' 4"  |
| 1595 | 562378.2  | 3304574.59 | 15 888,00 | 243° 42' 42" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 1596 | 562374.91 | 3304567.94 | 41.58     | 236° 28' 40" |
| 1597 | 562351.95 | 3304533.27 | 60.55     | 228° 46' 6"  |
| 1598 | 562312.04 | 3304487.74 | 23.18     | 220° 48' 12" |
| 1599 | 562294.49 | 3304472.59 | 42.68     | 230° 15' 39" |
| 1600 | 562267.21 | 3304439.77 | 116.93    | 227° 31' 15" |
| 1601 | 562188.24 | 3304353.53 | 70.54     | 224° 22' 43" |
| 1602 | 562137.82 | 3304304.19 | 42 776,00 | 230° 54' 48" |
| 1603 | 562131.39 | 3304296.28 | 21.28     | 243° 5' 49"  |
| 1604 | 562121.76 | 3304277.3  | 24.38     | 243° 36' 0"  |
| 1605 | 562110.92 | 3304255.46 | 26.79     | 232° 10' 18" |
| 1606 | 562094.5  | 3304234.31 | 116.23    | 228° 23' 16" |
| 1607 | 562017.31 | 3304147.4  | 42.73     | 228° 25' 52" |
| 1608 | 561988.95 | 3304115.44 | 793.96    | 228° 26' 6"  |
| 1609 | 561462.19 | 3303521.39 | 805.99    | 228° 26' 7"  |
| 1610 | 560927.44 | 3302918.34 | 225.18    | 229° 15' 19" |
| 1611 | 560780.47 | 3302747.74 | 133.84    | 234° 8' 32"  |
| 1612 | 560702.07 | 3302639.27 | 439,00    | 235° 29' 32" |
| 1613 | 560453.37 | 3302277.51 | 20 121,00 | 146° 1' 33"  |
| 1614 | 560451.26 | 3302278.93 | 42.78     | 228° 54' 4"  |
| 1615 | 560423.13 | 3302246.69 | 31 686,00 | 218° 58' 19" |
| 1616 | 560414.69 | 3302239.86 | 27.69     | 226° 52' 17" |
| 1617 | 560395.76 | 3302219.65 | 42.86     | 237° 53' 11" |
| 1618 | 560372.97 | 3302183.35 | 34 943,00 | 246° 41' 48" |
| 1619 | 560369.04 | 3302174.21 | 24.89     | 237° 55' 42" |
| 1620 | 560355.82 | 3302153.12 | 32.56     | 233° 28' 28" |
| 1621 | 560336.44 | 3302126.96 | 42 748,00 | 245° 3' 35"  |
| 1622 | 560330.96 | 3302115.16 | 12 086,00 | 155° 51' 33" |
| 1623 | 560328.83 | 3302116.11 | 23 071,00 | 214° 14' 4"  |
| 1624 | 560325.83 | 3302114.07 | 30 195,00 | 263° 24' 14" |
| 1625 | 560324.7  | 3302104.31 | 203.48    | 235° 29' 41" |
| 1626 | 560209.43 | 3301936.63 | 126.59    | 236° 17' 21" |
| 1627 | 560139.17 | 3301831.32 | 96.38     | 234° 36' 7"  |
| 1628 | 560083.35 | 3301752.76 | 18 688,00 | 168° 19' 5"  |
| 1629 | 560079.9  | 3301753.47 | 43 077,00 | 258° 45' 34" |
| 1630 | 560078.32 | 3301745.51 | 61.82     | 234° 9' 2"   |
| 1631 | 560042.12 | 3301695.4  | 45.02     | 238° 29' 7"  |
| 1632 | 560018.58 | 3301657.02 | 55.1      | 232° 52' 5"  |
| 1633 | 559985.32 | 3301613.09 | 19.84     | 239° 38' 13" |
| 1634 | 559975.29 | 3301595.97 | 18 203,00 | 208° 7' 26"  |
| 1635 | 559965.16 | 3301590.55 | 26 207,00 | 253° 7' 22"  |
| 1636 | 559962.05 | 3301580.31 | 34.34     | 238° 15' 44" |
| 1637 | 559943.99 | 3301551.11 | 25.53     | 232° 23' 45" |
| 1638 | 559928.4  | 3301530.88 | 70.01     | 235° 23' 58" |
| 1639 | 559888.65 | 3301473.25 | 53.08     | 238° 55' 30" |
| 1640 | 559861.25 | 3301427.78 | 66.91     | 233° 33' 18" |
| 1641 | 559821.5  | 3301373.96 | 15.95     | 222° 11' 35" |
| 1642 | 559809.68 | 3301363.24 | 42 958,00 | 251° 9' 59"  |
| 1643 | 559806.1  | 3301352.76 | 26 024,00 | 264° 17' 41" |
| 1644 | 559805.64 | 3301348.07 | 28.63     | 234° 46' 59" |
| 1645 | 559789.12 | 3301324.68 | 27 089,00 | 184° 45' 19" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 1646 | 559785.39 | 3301324.37 | 42 895,00 | 259° 47' 52" |
| 1647 | 559783.69 | 3301314.92 | 72.88     | 235° 3' 56"  |
| 1648 | 559741.96 | 3301255.17 | 18.57     | 227° 12' 42" |
| 1649 | 559729.35 | 3301241.54 | 13.66     | 232° 5' 22"  |
| 1650 | 559720.95 | 3301230.76 | 49.91     | 235° 7' 36"  |
| 1651 | 559692.42 | 3301189.82 | 42 850,00 | 226° 27' 9"  |
| 1652 | 559674.92 | 3301171.41 | 12,00     | 234° 6' 39"  |
| 1653 | 559667.88 | 3301161.69 | 41.64     | 237° 28' 13" |
| 1654 | 559645.5  | 3301126.58 | 53.67     | 235° 0' 38"  |
| 1655 | 559614.72 | 3301082.61 | 32.87     | 237° 2' 44"  |
| 1656 | 559596.84 | 3301055.03 | 20.18     | 241° 35' 54" |
| 1657 | 559587.24 | 3301037.28 | 30.77     | 248° 45' 18" |
| 1658 | 559576.09 | 3301008.6  | 57.87     | 237° 30' 44" |
| 1659 | 559545.01 | 3300959.79 | 32.07     | 232° 31' 51" |
| 1660 | 559525.5  | 3300934.34 | 41.13     | 235° 23' 4"  |
| 1661 | 559502.13 | 3300900.49 | 48.96     | 237° 6' 21"  |
| 1662 | 559475.54 | 3300859.38 | 22.75     | 240° 57' 50" |
| 1663 | 559464.5  | 3300839.48 | 21 217,00 | 325° 47' 43" |
| 1664 | 559466.63 | 3300838.03 | 557.14    | 235° 39' 33" |
| 1665 | 559152.34 | 3300378    | 1118.78   | 235° 39' 30" |
| 1666 | 558521.21 | 3299454.24 | 27 668,00 | 143° 10' 50" |
| 1667 | 558512.6  | 3299460.69 | 180.68    | 236° 30' 52" |
| 1668 | 558412.91 | 3299309.99 | 42 748,00 | 198° 0' 44"  |
| 1669 | 558400.45 | 3299305.94 | 124.54    | 241° 28' 11" |
| 1670 | 558340.97 | 3299196.52 | 46 447,00 | 329° 51' 10" |
| 1671 | 558343.79 | 3299194.88 | 290.23    | 235° 37' 16" |
| 1672 | 558179.91 | 3298955.34 | 93.09     | 213° 32' 42" |
| 1673 | 558102.33 | 3298903.91 | 15 766,00 | 123° 7' 51"  |
| 1674 | 558100.45 | 3298906.78 | 128.42    | 210° 44' 7"  |
| 1675 | 557990.07 | 3298841.14 | 30,00     | 213° 3' 27"  |
| 1676 | 557964.93 | 3298824.78 | 90,00     | 211° 32' 49" |
| 1677 | 557888.23 | 3298777.69 | 29.31     | 212° 0' 33"  |
| 1678 | 557863.38 | 3298762.16 | 30.62     | 213° 50' 40" |
| 1679 | 557837.94 | 3298745.1  | 30.16     | 214° 59' 35" |
| 1680 | 557813.24 | 3298727.81 | 36.1      | 215° 45' 44" |
| 1681 | 557783.94 | 3298706.71 | 53.93     | 215° 16' 28" |
| 1682 | 557739.91 | 3298675.56 | 30.17     | 219° 3' 34"  |
| 1683 | 557716.48 | 3298656.55 | 59.76     | 213° 41' 32" |
| 1684 | 557666.76 | 3298623.4  | 44 866,00 | 225° 49' 30" |
| 1685 | 557658.94 | 3298615.35 | 19.19     | 216° 57' 23" |
| 1686 | 557643.61 | 3298603.81 | 40.49     | 213° 46' 8"  |
| 1687 | 557609.95 | 3298581.31 | 59.67     | 212° 6' 25"  |
| 1688 | 557559.41 | 3298549.59 | 41 883,00 | 236° 54' 6"  |
| 1689 | 557554.42 | 3298541.94 | 42 985,00 | 249° 30' 19" |
| 1690 | 557551.94 | 3298535.3  | 42 836,00 | 254° 17' 53" |
| 1691 | 557548.95 | 3298524.67 | 15 797,00 | 343° 36' 55" |
| 1692 | 557553.2  | 3298523.42 | 26 238,00 | 241° 17' 3"  |
| 1693 | 557547.57 | 3298513.15 | 1201.87   | 251° 18' 53" |
| 1694 | 557162.53 | 3297374.62 | 4867.14   | 238° 9' 58"  |
| 1695 | 554595.31 | 3293239.59 | 17.42     | 238° 23' 25" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 1696 | 554586.18 | 3293224.76 | 2142.2    | 238° 9' 57"  |
| 1697 | 553456.26 | 3291404.79 | 1596.8    | 238° 11' 25" |
| 1698 | 552614.59 | 3290047.82 | 13 728,00 | 148° 13' 20" |
| 1699 | 552607.47 | 3290052.23 | 19 664,00 | 238° 22' 8"  |
| 1700 | 552601.42 | 3290042.41 | 492.17    | 148° 15' 31" |
| 1701 | 552182.86 | 3290301.34 | 42.04     | 58° 17' 36"  |
| 1702 | 552204.95 | 3290337.1  | 36.46     | 148° 15' 30" |
| 1703 | 552173.95 | 3290356.28 | 93.57     | 238° 15' 30" |
| 1704 | 552124.72 | 3290276.71 | 36.51     | 328° 40' 2"  |
| 1705 | 552155.91 | 3290257.72 | 43.27     | 58° 15' 31"  |
| 1706 | 552178.68 | 3290294.52 | 492.16    | 328° 15' 30" |
| 1707 | 552597.22 | 3290035.6  | 13.98     | 238° 21' 3"  |
| 1708 | 552589.89 | 3290023.7  | 23.68     | 149° 9' 26"  |
| 1709 | 552569.55 | 3290035.84 | 46.21     | 239° 12' 23" |
| 1710 | 552545.9  | 3289996.15 | 45 901,00 | 329° 9' 26"  |
| 1711 | 552553.84 | 3289991.41 | 43 709,00 | 239° 52' 10" |
| 1712 | 552549.23 | 3289983.46 | 573.35    | 239° 2' 9"   |
| 1713 | 552254.24 | 3289491.82 | 493.22    | 148° 5' 1"   |
| 1714 | 551835.59 | 3289752.57 | 30 682,00 | 237° 49' 57" |
| 1715 | 551834.6  | 3289751.01 | 85.16     | 148° 10' 40" |
| 1716 | 551762.24 | 3289795.91 | 174.22    | 238° 12' 26" |
| 1717 | 551670.46 | 3289647.84 | 73.73     | 146° 17' 53" |
| 1718 | 551609.12 | 3289688.75 | 408.22    | 163° 37' 43" |
| 1719 | 551217.44 | 3289803.81 | 86.08     | 45° 11' 18"  |
| 1720 | 551278.11 | 3289864.88 | 99.92     | 135° 12' 43" |
| 1721 | 551207.19 | 3289935.28 | 200.04    | 225° 10' 28" |
| 1722 | 551066.18 | 3289793.4  | 99.97     | 315° 14' 56" |
| 1723 | 551137.17 | 3289723.01 | 50.22     | 45° 11' 18"  |
| 1724 | 551172.56 | 3289758.64 | 81.83     | 343° 37' 49" |
| 1725 | 551251.08 | 3289735.58 | 306.59    | 332° 39' 54" |
| 1726 | 551523.43 | 3289594.79 | 169.12    | 286° 25' 10" |
| 1727 | 551571.24 | 3289432.57 | 46 844,00 | 328° 14' 12" |
| 1728 | 551574.88 | 3289430.31 | 58.5      | 238° 15' 24" |
| 1729 | 551544.1  | 3289380.57 | 71,00     | 328° 16' 34" |
| 1730 | 551604.5  | 3289343.23 | 46 327,00 | 58° 14' 6"   |
| 1731 | 551610.42 | 3289352.8  | 379.16    | 268° 25' 37" |
| 1732 | 551600.01 | 3288973.79 | 23,00     | 358° 26' 29" |
| 1733 | 551623.01 | 3288973.16 | 406.51    | 88° 25' 49"  |
| 1734 | 551634.14 | 3289379.51 | 206.71    | 328° 16' 36" |
| 1735 | 551809.97 | 3289270.82 | 196.47    | 58° 16' 42"  |
| 1736 | 551913.27 | 3289437.94 | 150.62    | 328° 14' 1"  |
| 1737 | 552041.32 | 3289358.64 | 116.85    | 238° 14' 2"  |
| 1738 | 551979.81 | 3289259.3  | 16 954,00 | 328° 13' 35" |
| 1739 | 551985.3  | 3289255.89 | 52.75     | 237° 52' 13" |
| 1740 | 551957.25 | 3289211.22 | 149.06    | 239° 37' 19" |
| 1741 | 551881.87 | 3289082.62 | 16.51     | 327° 15' 36" |
| 1742 | 551895.75 | 3289073.69 | 33.5      | 239° 30' 26" |
| 1743 | 551878.76 | 3289044.82 | 87.52     | 327° 58' 14" |
| 1744 | 551952.95 | 3288998.41 | 584.3     | 238° 11' 5"  |
| 1745 | 551644.92 | 3288501.9  | 28.75     | 151° 10' 27" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 1746 | 551619.73 | 3288515.76 | 46.25     | 241° 0' 46"  |
| 1747 | 551597.32 | 3288475.3  | 27.95     | 328° 10' 30" |
| 1748 | 551621.07 | 3288460.56 | 22.15     | 238° 24' 43" |
| 1749 | 551609.47 | 3288441.69 | 13 728,00 | 328° 11' 5"  |
| 1750 | 551616.58 | 3288437.28 | 796.57    | 238° 11' 5"  |
| 1751 | 551196.64 | 3287760.39 | 42 996,00 | 227° 9' 34"  |
| 1752 | 551183.79 | 3287746.53 | 119.28    | 228° 25' 57" |
| 1753 | 551104.64 | 3287657.29 | 574.9     | 226° 7' 28"  |
| 1754 | 550706.18 | 3287242.87 | 46.93     | 136° 7' 37"  |
| 1755 | 550672.35 | 3287275.4  | 29.13     | 140° 14' 3"  |
| 1756 | 550649.96 | 3287294.03 | 125.83    | 227° 14' 13" |
| 1757 | 550564.53 | 3287201.65 | 43 070,00 | 188° 58' 24" |
| 1758 | 550552.51 | 3287199.75 | 363.2     | 135° 59' 20" |
| 1759 | 550291.29 | 3287452.1  | 42.02     | 45° 59' 12"  |
| 1760 | 550320.49 | 3287482.32 | 36.43     | 136° 0' 2"   |
| 1761 | 550294.29 | 3287507.62 | 93.6      | 226° 0' 2"   |
| 1762 | 550229.27 | 3287440.29 | 36.41     | 316° 5' 54"  |
| 1763 | 550255.5  | 3287415.05 | 43.52     | 45° 59' 12"  |
| 1764 | 550285.74 | 3287446.35 | 364.59    | 315° 59' 20" |
| 1765 | 550547.95 | 3287193.03 | 21.84     | 230° 0' 48"  |
| 1766 | 550533.92 | 3287176.3  | 18.15     | 310° 54' 38" |
| 1767 | 550545.8  | 3287162.58 | 20.65     | 223° 50' 38" |
| 1768 | 550530.91 | 3287148.28 | 8,00      | 225° 57' 38" |
| 1769 | 550525.35 | 3287142.53 | 28 004,00 | 315° 57' 38" |
| 1770 | 550532.36 | 3287135.74 | 28.69     | 226° 21' 35" |
| 1771 | 550512.56 | 3287114.98 | 265.06    | 214° 37' 55" |
| 1772 | 550294.47 | 3286964.35 | 180.67    | 231° 8' 15"  |
| 1773 | 550181.11 | 3286823.67 | 185.98    | 219° 18' 1"  |
| 1774 | 550037.19 | 3286705.88 | 17.61     | 219° 18' 1"  |
| 1775 | 550023.56 | 3286694.72 | 144.61    | 219° 18' 1"  |
| 1776 | 549911.66 | 3286603.13 | 45 839,00 | 219° 45' 22" |
| 1777 | 549906.08 | 3286598.49 | 95.31     | 219° 15' 56" |
| 1778 | 549832.29 | 3286538.17 | 41 518,00 | 219° 18' 1"  |
| 1779 | 549825.23 | 3286532.39 | 154.69    | 219° 18' 1"  |
| 1780 | 549705.52 | 3286434.41 | 25 294,00 | 219° 18' 1"  |
| 1781 | 549701.9  | 3286431.44 | 123.2     | 219° 18' 1"  |
| 1782 | 549606.56 | 3286353.41 | 42 794,00 | 219° 18' 1"  |
| 1783 | 549584.88 | 3286335.66 | 249.16    | 219° 18' 1"  |
| 1784 | 549392.06 | 3286177.84 | 498.35    | 225° 33' 17" |
| 1785 | 549043.11 | 3285822.06 | 42 957,00 | 225° 33' 17" |
| 1786 | 549035.54 | 3285814.35 | 126.81    | 225° 33' 17" |
| 1787 | 548946.75 | 3285723.82 | 112.49    | 204° 17' 51" |
| 1788 | 548844.22 | 3285677.53 | 22 737,00 | 204° 17' 51" |
| 1789 | 548840.01 | 3285675.63 | 433.24    | 204° 17' 51" |
| 1790 | 548445.15 | 3285497.37 | 75,00     | 204° 17' 51" |
| 1791 | 548376.8  | 3285466.51 | 467.02    | 204° 17' 51" |
| 1792 | 547951.15 | 3285274.34 | 77.59     | 204° 17' 51" |
| 1793 | 547880.43 | 3285242.41 | 270.09    | 204° 17' 51" |
| 1794 | 547634.26 | 3285131.28 | 322.93    | 192° 30' 5"  |
| 1795 | 547318.98 | 3285061.38 | 211.02    | 192° 30' 5"  |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 1796 | 547112.96 | 3285015.7  | 395.71    | 192° 28' 4"  |
| 1797 | 546726.59 | 3284930.27 | 236.8     | 200° 18' 53" |
| 1798 | 546504.51 | 3284848.05 | 0.32      | 287° 14' 45" |
| 1799 | 546504.61 | 3284847.75 | 32.45     | 199° 41' 57" |
| 1800 | 546474.06 | 3284836.81 | 374.65    | 200° 16' 55" |
| 1801 | 546122.64 | 3284706.94 | 241.8     | 201° 31' 38" |
| 1802 | 545897.7  | 3284618.21 | 30 529,00 | 109° 50' 25" |
| 1803 | 545894.71 | 3284626.52 | 21.47     | 112° 31' 37" |
| 1804 | 545886.48 | 3284646.35 | 42 991,00 | 201° 31' 34" |
| 1805 | 545874.31 | 3284641.54 | 12 785,00 | 110° 51' 44" |
| 1806 | 545873.83 | 3284642.8  | 20.64     | 201° 30' 14" |
| 1807 | 545854.62 | 3284635.23 | 13 150,00 | 291° 15' 17" |
| 1808 | 545855.11 | 3284633.97 | 98.99     | 201° 31' 25" |
| 1809 | 545763.03 | 3284597.65 | 43 099,00 | 291° 28' 0"  |
| 1810 | 545774.05 | 3284569.63 | 81.04     | 201° 49' 26" |
| 1811 | 545698.82 | 3284539.5  | 48.73     | 290° 45' 45" |
| 1812 | 545716.1  | 3284493.94 | 42 928,00 | 201° 23' 57" |
| 1813 | 545704.27 | 3284489.3  | 31 472,00 | 289° 30' 1"  |
| 1814 | 545705.56 | 3284485.67 | 220.36    | 201° 31' 2"  |
| 1815 | 545500.56 | 3284404.84 | 241.18    | 202° 26' 44" |
| 1816 | 545277.65 | 3284312.76 | 947.85    | 188° 46' 17" |
| 1817 | 544340.88 | 3284168.22 | 824.15    | 188° 41' 44" |
| 1818 | 543526.2  | 3284043.62 | 1905.94   | 188° 31' 33" |
| 1819 | 541641.32 | 3283761.06 | 1098.45   | 178° 50' 14" |
| 1820 | 540543.1  | 3283783.35 | 240.76    | 164° 46' 58" |
| 1821 | 540310.78 | 3283846.55 | 55.29     | 212° 15' 40" |
| 1822 | 540264.02 | 3283817.03 | 59.04     | 212° 46' 38" |
| 1823 | 540214.38 | 3283785.07 | 22 616,00 | 188° 27' 37" |
| 1824 | 540201.91 | 3283783.21 | 3145.5    | 178° 55' 35" |
| 1825 | 537056.96 | 3283842.15 | 796.51    | 179° 6' 25"  |
| 1826 | 536260.55 | 3283854.57 | 296.54    | 179° 19' 57" |
| 1827 | 535964.02 | 3283858.02 | 648.55    | 178° 59' 55" |
| 1828 | 535315.57 | 3283869.36 | 161.71    | 177° 27' 39" |
| 1829 | 535154.02 | 3283876.52 | 459.25    | 177° 25' 20" |
| 1830 | 534695.23 | 3283897.18 | 418.52    | 177° 25' 38" |
| 1831 | 534277.13 | 3283915.96 | 394.61    | 177° 36' 20" |
| 1832 | 533882.87 | 3283932.45 | 23.29     | 166° 36' 22" |
| 1833 | 533860.21 | 3283937.84 | 331.94    | 156° 26' 56" |
| 1834 | 533555.92 | 3284070.48 | 62.47     | 155° 8' 54"  |
| 1835 | 533499.23 | 3284096.73 | 66.68     | 216° 36' 9"  |
| 1836 | 533445.7  | 3284056.97 | 70.12     | 215° 29' 14" |
| 1837 | 533388.61 | 3284016.27 | 28 246,00 | 215° 30' 37" |
| 1838 | 533383.91 | 3284012.91 | 77.4      | 215° 27' 20" |
| 1839 | 533320.86 | 3283968.02 | 43 051,00 | 211° 56' 55" |
| 1840 | 533310.58 | 3283961.61 | 23.63     | 191° 42' 39" |
| 1841 | 533287.44 | 3283956.81 | 20.88     | 182° 40' 50" |
| 1842 | 533266.59 | 3283955.83 | 78.01     | 182° 48' 20" |
| 1843 | 533188.67 | 3283952.01 | 70,00     | 182° 30' 6"  |
| 1844 | 533118.74 | 3283948.96 | 49.1      | 184° 30' 30" |
| 1845 | 533069.79 | 3283945.1  | 79.43     | 183° 7' 36"  |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 1846 | 532990.48 | 3283940.77 | 124.18    | 182° 59' 27" |
| 1847 | 532866.47 | 3283934.29 | 30.65     | 180° 51' 2"  |
| 1848 | 532835.83 | 3283933.83 | 159.43    | 178° 45' 3"  |
| 1849 | 532676.43 | 3283937.31 | 67.88     | 178° 45' 15" |
| 1850 | 532608.57 | 3283938.78 | 88.83     | 178° 47' 3"  |
| 1851 | 532519.76 | 3283940.67 | 93.44     | 178° 44' 33" |
| 1852 | 532426.34 | 3283942.72 | 60.43     | 178° 45' 30" |
| 1853 | 532365.92 | 3283944.03 | 132.27    | 178° 45' 47" |
| 1854 | 532233.68 | 3283946.88 | 50.26     | 178° 39' 50" |
| 1855 | 532183.43 | 3283948.06 | 54.11     | 178° 22' 11" |
| 1856 | 532129.35 | 3283949.6  | 42.06     | 179° 25' 47" |
| 1857 | 532087.29 | 3283950.01 | 48.72     | 178° 45' 32" |
| 1858 | 532038.58 | 3283951.07 | 77.23     | 178° 45' 28" |
| 1859 | 531961.38 | 3283952.74 | 62.05     | 178° 46' 11" |
| 1860 | 531899.34 | 3283954.08 | 43.15     | 178° 46' 52" |
| 1861 | 531856.2  | 3283954.99 | 51.7      | 178° 43' 2"  |
| 1862 | 531804.51 | 3283956.15 | 32.96     | 178° 44' 47" |
| 1863 | 531771.56 | 3283956.87 | 76.34     | 178° 46' 22" |
| 1864 | 531695.24 | 3283958.51 | 73.54     | 178° 46' 22" |
| 1865 | 531621.71 | 3283960.08 | 99.33     | 178° 46' 22" |
| 1866 | 531522.41 | 3283962.21 | 110.52    | 178° 46' 43" |
| 1867 | 531411.91 | 3283964.57 | 137.67    | 178° 31' 37" |
| 1868 | 531274.29 | 3283968.1  | 66.42     | 178° 33' 53" |
| 1869 | 531207.89 | 3283969.77 | 56.08     | 178° 35' 20" |
| 1870 | 531151.83 | 3283971.15 | 196.55    | 151° 43' 1"  |
| 1871 | 530978.74 | 3284064.28 | 55.22     | 151° 37' 57" |
| 1872 | 530930.15 | 3284090.52 | 53.12     | 151° 35' 57" |
| 1873 | 530883.42 | 3284115.78 | 151.07    | 159° 27' 42" |
| 1874 | 530741.96 | 3284168.78 | 259.68    | 204° 41' 6"  |
| 1875 | 530506.01 | 3284060.33 | 113.79    | 204° 40' 28" |
| 1876 | 530402.61 | 3284012.83 | 23.38     | 204° 38' 31" |
| 1877 | 530381.36 | 3284003.08 | 44.11     | 194° 26' 35" |
| 1878 | 530338.64 | 3283992.08 | 145.34    | 178° 44' 38" |
| 1879 | 530193.33 | 3283995.27 | 75.45     | 178° 43' 46" |
| 1880 | 530117.91 | 3283996.94 | 245.35    | 178° 45' 56" |
| 1881 | 529872.61 | 3284002.23 | 20.86     | 178° 26' 15" |
| 1882 | 529851.76 | 3284002.79 | 42.89     | 173° 23' 35" |
| 1883 | 529809.16 | 3284007.73 | 127.23    | 168° 9' 20"  |
| 1884 | 529684.64 | 3284033.84 | 23.94     | 168° 12' 36" |
| 1885 | 529661.21 | 3284038.73 | 23.94     | 168° 12' 36" |
| 1886 | 529637.78 | 3284043.63 | 17 868,00 | 169° 14' 33" |
| 1887 | 529625.52 | 3284045.95 | 46,00     | 163° 8' 1"   |
| 1888 | 529581.49 | 3284059.3  | 116.07    | 156° 33' 33" |
| 1889 | 529475    | 3284105.47 | 48.81     | 155° 57' 18" |
| 1890 | 529430.43 | 3284125.36 | 66.88     | 156° 23' 22" |
| 1891 | 529369.15 | 3284152.15 | 126.81    | 156° 22' 47" |
| 1892 | 529252.96 | 3284202.96 | 42 947,00 | 156° 22' 47" |
| 1893 | 529223.92 | 3284215.66 | 45.07     | 156° 22' 38" |
| 1894 | 529182.63 | 3284233.72 | 250.28    | 156° 22' 36" |
| 1895 | 528953.32 | 3284334.01 | 50.06     | 156° 19' 0"  |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 1896 | 528907.48 | 3284354.12 | 250.28    | 156° 17' 43" |
| 1897 | 528678.32 | 3284454.73 | 62.49     | 156° 15' 1"  |
| 1898 | 528621.13 | 3284479.9  | 333.78    | 156° 14' 19" |
| 1899 | 528315.64 | 3284614.39 | 49.18     | 156° 42' 12" |
| 1900 | 528270.47 | 3284633.84 | 216.93    | 156° 17' 13" |
| 1901 | 528071.85 | 3284721.08 | 34.5      | 156° 16' 10" |
| 1902 | 528040.27 | 3284734.96 | 158.49    | 156° 15' 43" |
| 1903 | 527895.19 | 3284798.77 | 20.33     | 156° 16' 17" |
| 1904 | 527876.57 | 3284806.95 | 84.57     | 156° 16' 36" |
| 1905 | 527799.15 | 3284840.97 | 36 100,00 | 159° 44' 2"  |
| 1906 | 527787.91 | 3284845.12 | 24 259,00 | 151° 4' 0"   |
| 1907 | 527782.08 | 3284848.35 | 40.53     | 150° 34' 35" |
| 1908 | 527746.77 | 3284868.26 | 13.78     | 155° 15' 10" |
| 1909 | 527734.26 | 3284874.03 | 76.35     | 155° 53' 59" |
| 1910 | 527664.56 | 3284905.21 | 25.18     | 156° 1' 20"  |
| 1911 | 527641.56 | 3284915.44 | 92.76     | 155° 54' 32" |
| 1912 | 527556.88 | 3284953.3  | 91.8      | 155° 57' 21" |
| 1913 | 527473.05 | 3284990.7  | 100.39    | 155° 55' 53" |
| 1914 | 527381.39 | 3285031.64 | 246.09    | 155° 55' 50" |
| 1915 | 527156.69 | 3285132.01 | 152.99    | 155° 51' 51" |
| 1916 | 527017.08 | 3285194.57 | 30.79     | 156° 15' 24" |
| 1917 | 526988.9  | 3285206.96 | 159.02    | 156° 18' 43" |
| 1918 | 526843.27 | 3285270.85 | 42 785,00 | 158° 0' 4"   |
| 1919 | 526825.48 | 3285278.04 | 85.54     | 158° 31' 18" |
| 1920 | 526745.87 | 3285309.36 | 17.72     | 154° 32' 21" |
| 1921 | 526729.88 | 3285316.98 | 57.11     | 171° 22' 21" |
| 1922 | 526673.41 | 3285325.55 | 20.72     | 168° 21' 54" |
| 1923 | 526653.12 | 3285329.72 | 20.32     | 168° 15' 46" |
| 1924 | 526633.23 | 3285333.86 | 36.89     | 171° 21' 22" |
| 1925 | 526596.76 | 3285339.4  | 200.94    | 171° 27' 9"  |
| 1926 | 526398.05 | 3285369.27 | 101.51    | 171° 27' 49" |
| 1927 | 526297.67 | 3285384.34 | 227.2     | 171° 22' 30" |
| 1928 | 526073.04 | 3285418.41 | 1865.79   | 171° 28' 30" |
| 1929 | 524227.86 | 3285695    | 44 805,00 | 164° 58' 34" |
| 1930 | 524218.95 | 3285697.39 | 36.21     | 148° 18' 55" |
| 1931 | 524188.14 | 3285716.4  | 194.49    | 148° 19' 55" |
| 1932 | 524022.61 | 3285818.51 | 251.42    | 148° 20' 58" |
| 1933 | 523808.58 | 3285950.44 | 53.82     | 148° 17' 26" |
| 1934 | 523762.8  | 3285978.73 | 42 881,00 | 148° 17' 17" |
| 1935 | 523740.26 | 3285992.66 | 79.49     | 148° 17' 17" |
| 1936 | 523672.63 | 3286034.44 | 35.68     | 148° 14' 12" |
| 1937 | 523642.3  | 3286053.22 | 100.32    | 148° 17' 26" |
| 1938 | 523556.95 | 3286105.95 | 34.87     | 148° 18' 9"  |
| 1939 | 523527.29 | 3286124.27 | 81.69     | 148° 20' 48" |
| 1940 | 523457.75 | 3286167.14 | 379.82    | 148° 17' 26" |
| 1941 | 523134.63 | 3286366.78 | 13.27     | 209° 28' 21" |
| 1942 | 523123.07 | 3286360.25 | 67.02     | 213° 16' 23" |
| 1943 | 523067.04 | 3286323.48 | 28.81     | 123° 1' 30"  |
| 1944 | 523051.34 | 3286347.64 | 51.46     | 212° 49' 30" |
| 1945 | 523008.09 | 3286319.74 | 23.26     | 122° 36' 39" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 1946 | 522995.56 | 3286339.34 | 76.99     | 213° 1' 3"   |
| 1947 | 522931    | 3286297.39 | 19 085,00 | 152° 13' 42" |
| 1948 | 522927    | 3286299.49 | 39.78     | 219° 5' 14"  |
| 1949 | 522896.12 | 3286274.41 | 42 779,00 | 299° 51' 5"  |
| 1950 | 522902.7  | 3286262.96 | 43 002,00 | 212° 7' 38"  |
| 1951 | 522882.29 | 3286250.15 | 11 324,00 | 122° 21' 46" |
| 1952 | 522881.59 | 3286251.26 | 42 833,00 | 215° 53' 42" |
| 1953 | 522875.07 | 3286246.54 | 41 852,00 | 301° 55' 34" |
| 1954 | 522879.38 | 3286239.63 | 68.22     | 222° 31' 18" |
| 1955 | 522829.1  | 3286193.52 | 113.42    | 212° 57' 48" |
| 1956 | 522733.94 | 3286131.81 | 145.49    | 212° 58' 44" |
| 1957 | 522611.89 | 3286052.61 | 153.12    | 212° 56' 55" |
| 1958 | 522483.4  | 3285969.34 | 112.8     | 212° 57' 17" |
| 1959 | 522388.75 | 3285907.98 | 134.99    | 211° 26' 6"  |
| 1960 | 522273.57 | 3285837.58 | 99.03     | 211° 27' 21" |
| 1961 | 522189.1  | 3285785.9  | 22.32     | 204° 55' 23" |
| 1962 | 522168.85 | 3285776.49 | 38.03     | 186° 53' 55" |
| 1963 | 522131.1  | 3285771.92 | 82.26     | 175° 42' 34" |
| 1964 | 522049.07 | 3285778.08 | 118.25    | 175° 42' 44" |
| 1965 | 521931.15 | 3285786.92 | 411.57    | 175° 42' 44" |
| 1966 | 521520.73 | 3285817.69 | 343.66    | 175° 42' 44" |
| 1967 | 521178.03 | 3285843.38 | 279.26    | 175° 42' 54" |
| 1968 | 520899.54 | 3285864.25 | 149.66    | 175° 43' 7"  |
| 1969 | 520750.3  | 3285875.42 | 158.61    | 175° 41' 56" |
| 1970 | 520592.13 | 3285887.32 | 133.85    | 175° 41' 45" |
| 1971 | 520458.66 | 3285897.36 | 162.48    | 191° 30' 22" |
| 1972 | 520299.45 | 3285864.95 | 187.68    | 191° 30' 20" |
| 1973 | 520115.54 | 3285827.52 | 50.53     | 191° 30' 20" |
| 1974 | 520066.03 | 3285817.44 | 30 773,00 | 197° 50' 20" |
| 1975 | 520061.43 | 3285815.96 | 1925.18   | 191° 35' 51" |
| 1976 | 518175.56 | 3285428.94 | 421.83    | 191° 31' 1"  |
| 1977 | 517762.22 | 3285344.71 | 140.73    | 211° 16' 30" |
| 1978 | 517641.94 | 3285271.65 | 47.5      | 211° 26' 26" |
| 1979 | 517601.41 | 3285246.88 | 137.88    | 211° 19' 13" |
| 1980 | 517483.62 | 3285175.2  | 182.62    | 211° 18' 57" |
| 1981 | 517327.61 | 3285080.29 | 986.91    | 211° 19' 1"  |
| 1982 | 516484.49 | 3284567.31 | 18.23     | 211° 19' 2"  |
| 1983 | 516468.91 | 3284557.84 | 1147.7    | 211° 19' 2"  |
| 1984 | 515488.43 | 3283961.29 | 419,00    | 220° 27' 8"  |
| 1985 | 515169.59 | 3283689.44 | 125.42    | 219° 59' 43" |
| 1986 | 515073.5  | 3283608.83 | 107.44    | 211° 17' 7"  |
| 1987 | 514981.68 | 3283553.03 | 195.42    | 211° 17' 41" |
| 1988 | 514814.7  | 3283451.52 | 375.78    | 211° 15' 16" |
| 1989 | 514493.45 | 3283256.55 | 562.42    | 211° 25' 16" |
| 1990 | 514013.51 | 3282963.35 | 172.32    | 222° 45' 37" |
| 1991 | 513886.99 | 3282846.36 | 747.55    | 232° 18' 25" |
| 1992 | 513429.91 | 3282254.82 | 441.36    | 232° 9' 15"  |
| 1993 | 513159.12 | 3281906.29 | 899.29    | 232° 22' 55" |
| 1994 | 512610.2  | 3281193.96 | 56.9      | 207° 15' 1"  |
| 1995 | 512559.62 | 3281167.91 | 46.9      | 207° 14' 3"  |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 1996 | 512517.92 | 3281146.45 | 39.28     | 241° 58' 52" |
| 1997 | 512499.47 | 3281111.77 | 42 980,00 | 243° 22' 4"  |
| 1998 | 512498.53 | 3281109.9  | 273.05    | 242° 1' 49"  |
| 1999 | 512370.47 | 3280868.74 | 378.13    | 226° 5' 10"  |
| 2000 | 512108.2  | 3280596.34 | 426.98    | 225° 57' 7"  |
| 2001 | 511811.34 | 3280289.45 | 45 108,00 | 234° 2' 4"   |
| 2002 | 511807.09 | 3280283.6  | 102.87    | 283° 47' 28" |
| 2003 | 511831.62 | 3280183.69 | 192.77    | 229° 16' 41" |
| 2004 | 511705.85 | 3280037.59 | 446.16    | 240° 13' 33" |
| 2005 | 511484.3  | 3279650.33 | 109.96    | 180° 2' 26"  |
| 2006 | 511374.34 | 3279650.25 | 204,00    | 240° 17' 37" |
| 2007 | 511273.24 | 3279473.07 | 939.76    | 240° 17' 21" |
| 2008 | 510807.48 | 3278656.85 | 269.91    | 240° 4' 35"  |
| 2009 | 510672.83 | 3278422.92 | 293.19    | 240° 10' 53" |
| 2010 | 510527.04 | 3278168.54 | 421.38    | 240° 21' 52" |
| 2011 | 510318.67 | 3277802.28 | 230.45    | 229° 44' 42" |
| 2012 | 510169.75 | 3277626.4  | 110.94    | 254° 27' 14" |
| 2013 | 510140.02 | 3277519.52 | 205.98    | 240° 20' 53" |
| 2014 | 510038.12 | 3277340.51 | 29.17     | 240° 21' 24" |
| 2015 | 510023.69 | 3277315.16 | 1107.52   | 240° 21' 1"  |
| 2016 | 509475.81 | 3276352.65 | 196.46    | 233° 16' 39" |
| 2017 | 509358.34 | 3276195.18 | 102.22    | 252° 21' 12" |
| 2018 | 509327.35 | 3276097.77 | 31,00     | 240° 9' 11"  |
| 2019 | 509311.92 | 3276070.88 | 17.63     | 150° 32' 22" |
| 2020 | 509296.57 | 3276079.56 | 22 372,00 | 240° 27' 26" |
| 2021 | 509294.29 | 3276075.54 | 46.48     | 154° 23' 22" |
| 2022 | 509252.37 | 3276095.64 | 111.76    | 237° 41' 52" |
| 2023 | 509192.65 | 3276001.17 | 41.18     | 330° 25' 40" |
| 2024 | 509228.47 | 3275980.85 | 56.54     | 239° 56' 48" |
| 2025 | 509200.15 | 3275931.91 | 42 852,00 | 332° 16' 51" |
| 2026 | 509224.41 | 3275919.17 | 91.15     | 240° 19' 20" |
| 2027 | 509179.28 | 3275839.98 | 45.14     | 330° 19' 52" |
| 2028 | 509218.5  | 3275817.63 | 477.89    | 240° 28' 15" |
| 2029 | 508982.96 | 3275401.82 | 298.8     | 240° 28' 11" |
| 2030 | 508835.69 | 3275141.84 | 128.7     | 241° 45' 36" |
| 2031 | 508774.8  | 3275028.46 | 99.94     | 240° 24' 12" |
| 2032 | 508725.44 | 3274941.56 | 109.7     | 239° 59' 12" |
| 2033 | 508670.57 | 3274846.58 | 100.59    | 240° 27' 24" |
| 2034 | 508620.97 | 3274759.07 | 186.59    | 235° 17' 31" |
| 2035 | 508514.73 | 3274605.68 | 1591.61   | 220° 24' 25" |
| 2036 | 507302.78 | 3273573.98 | 99.99     | 220° 6' 4"   |
| 2037 | 507226.3  | 3273509.57 | 109.97    | 220° 7' 8"   |
| 2038 | 507142.2  | 3273438.71 | 190.32    | 220° 14' 31" |
| 2039 | 506996.93 | 3273315.77 | 99.85     | 220° 30' 16" |
| 2040 | 506921.01 | 3273250.92 | 42 824,00 | 221° 49' 54" |
| 2041 | 506898.64 | 3273230.89 | 19.77     | 208° 26' 22" |
| 2042 | 506881.25 | 3273221.47 | 38.11     | 190° 52' 54" |
| 2043 | 506843.82 | 3273214.28 | 29.95     | 183° 34' 13" |
| 2044 | 506813.93 | 3273212.41 | 29.39     | 175° 52' 16" |
| 2045 | 506784.62 | 3273214.53 | 48.19     | 152° 19' 1"  |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 2046 | 506741.94 | 3273236.92 | 149.94    | 148° 28' 34" |
| 2047 | 506614.13 | 3273315.31 | 155.02    | 148° 20' 4"  |
| 2048 | 506482.19 | 3273396.69 | 0.9       | 233° 28' 0"  |
| 2049 | 506481.65 | 3273395.97 | 42 768,00 | 236° 25' 58" |
| 2050 | 506480.44 | 3273394.14 | 42 768,00 | 236° 25' 58" |
| 2051 | 506479.22 | 3273392.31 | 11 689,00 | 241° 4' 11"  |
| 2052 | 506478.59 | 3273391.15 | 11 689,00 | 241° 4' 11"  |
| 2053 | 506477.95 | 3273390    | 17 899,00 | 240° 45' 58" |
| 2054 | 506477.22 | 3273388.7  | 17 899,00 | 240° 45' 58" |
| 2055 | 506476.49 | 3273387.4  | 0.5       | 252° 6' 38"  |
| 2056 | 506476.34 | 3273386.92 | 0.5       | 252° 6' 38"  |
| 2057 | 506476.18 | 3273386.44 | 0.62      | 243° 47' 14" |
| 2058 | 506475.91 | 3273385.89 | 0.62      | 243° 47' 14" |
| 2059 | 506475.64 | 3273385.34 | 0.35      | 239° 44' 52" |
| 2060 | 506475.47 | 3273385.04 | 0.35      | 239° 44' 52" |
| 2061 | 506475.29 | 3273384.74 | 0.27      | 232° 46' 30" |
| 2062 | 506475.13 | 3273384.52 | 0.27      | 232° 46' 30" |
| 2063 | 506474.96 | 3273384.3  | 0.58      | 207° 53' 48" |
| 2064 | 506474.45 | 3273384.03 | 0.58      | 207° 53' 48" |
| 2065 | 506473.94 | 3273383.76 | 0.86      | 195° 11' 51" |
| 2066 | 506473.11 | 3273383.54 | 0.86      | 195° 11' 51" |
| 2067 | 506472.28 | 3273383.31 | 0.85      | 179° 41' 56" |
| 2068 | 506471.43 | 3273383.32 | 0.85      | 179° 41' 56" |
| 2069 | 506470.59 | 3273383.32 | 0.97      | 169° 26' 56" |
| 2070 | 506469.64 | 3273383.5  | 0.97      | 169° 26' 56" |
| 2071 | 506468.69 | 3273383.68 | 0.45      | 166° 38' 31" |
| 2072 | 506468.24 | 3273383.78 | 0.45      | 166° 38' 31" |
| 2073 | 506467.8  | 3273383.89 | 0.33      | 141° 24' 49" |
| 2074 | 506467.55 | 3273384.09 | 0.33      | 141° 24' 49" |
| 2075 | 506467.29 | 3273384.29 | 0.33      | 122° 42' 3"  |
| 2076 | 506467.11 | 3273384.58 | 0.33      | 122° 42' 3"  |
| 2077 | 506466.93 | 3273384.86 | 0.16      | 81° 3' 16"   |
| 2078 | 506466.96 | 3273385.02 | 0.16      | 81° 3' 16"   |
| 2079 | 506466.98 | 3273385.18 | 0.32      | 37° 13' 56"  |
| 2080 | 506467.24 | 3273385.38 | 0.32      | 37° 13' 56"  |
| 2081 | 506467.49 | 3273385.57 | 0.42      | 16° 35' 57"  |
| 2082 | 506467.9  | 3273385.69 | 0.42      | 16° 35' 57"  |
| 2083 | 506468.3  | 3273385.81 | 0.58      | 350° 27' 31" |
| 2084 | 506468.87 | 3273385.71 | 0.58      | 350° 27' 31" |
| 2085 | 506469.45 | 3273385.62 | 0.51      | 17° 53' 27"  |
| 2086 | 506469.94 | 3273385.77 | 0.51      | 17° 53' 27"  |
| 2087 | 506470.43 | 3273385.93 | 0.39      | 38° 40' 4"   |
| 2088 | 506470.73 | 3273386.17 | 0.39      | 38° 40' 4"   |
| 2089 | 506471.03 | 3273386.42 | 0.46      | 51° 1' 16"   |
| 2090 | 506471.32 | 3273386.77 | 0.46      | 51° 1' 16"   |
| 2091 | 506471.61 | 3273387.13 | 0.24      | 52° 24' 14"  |
| 2092 | 506471.75 | 3273387.32 | 0.24      | 52° 24' 14"  |
| 2093 | 506471.9  | 3273387.51 | 0.43      | 34° 48' 8"   |
| 2094 | 506472.25 | 3273387.75 | 0.43      | 34° 48' 8"   |
| 2095 | 506472.61 | 3273388    | 0.7       | 41° 34' 35"  |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 2096 | 506473.13 | 3273388.46 | 0.7       | 41° 34' 35"  |
| 2097 | 506473.65 | 3273388.92 | 0.54      | 43° 25' 53"  |
| 2098 | 506474.04 | 3273389.29 | 0.54      | 43° 25' 53"  |
| 2099 | 506474.43 | 3273389.66 | 0.54      | 49° 33' 13"  |
| 2100 | 506474.78 | 3273390.07 | 0.54      | 49° 33' 13"  |
| 2101 | 506475.12 | 3273390.48 | 42 826,00 | 51° 43' 22"  |
| 2102 | 506475.77 | 3273391.29 | 42 826,00 | 51° 43' 22"  |
| 2103 | 506476.41 | 3273392.11 | 0.89      | 58° 50' 23"  |
| 2104 | 506476.87 | 3273392.87 | 0.89      | 58° 50' 23"  |
| 2105 | 506477.34 | 3273393.64 | 44 927,00 | 66° 32' 50"  |
| 2106 | 506477.83 | 3273394.77 | 44 927,00 | 66° 32' 50"  |
| 2107 | 506478.32 | 3273395.9  | 0.84      | 67° 49' 57"  |
| 2108 | 506478.63 | 3273396.68 | 0.84      | 67° 49' 57"  |
| 2109 | 506478.95 | 3273397.46 | 0.52      | 76° 1' 35"   |
| 2110 | 506479.08 | 3273397.96 | 0.52      | 76° 1' 35"   |
| 2111 | 506479.2  | 3273398.46 | 0.06      | 78° 50' 44"  |
| 2112 | 506479.21 | 3273398.53 | 41.38     | 148° 20' 4"  |
| 2113 | 506443.99 | 3273420.25 | 149.93    | 148° 11' 16" |
| 2114 | 506316.59 | 3273499.28 | 149.96    | 148° 9' 38"  |
| 2115 | 506189.19 | 3273578.4  | 99.94     | 148° 7' 41"  |
| 2116 | 506104.31 | 3273631.17 | 100.1     | 148° 14' 49" |
| 2117 | 506019.2  | 3273683.85 | 99.96     | 148° 14' 49" |
| 2118 | 505934.2  | 3273736.45 | 189.13    | 147° 28' 18" |
| 2119 | 505774.74 | 3273838.15 | 159.53    | 146° 18' 53" |
| 2120 | 505642    | 3273926.63 | 150.03    | 145° 46' 20" |
| 2121 | 505517.95 | 3274011.02 | 100.36    | 146° 8' 42"  |
| 2122 | 505434.61 | 3274066.92 | 149.49    | 146° 33' 32" |
| 2123 | 505309.87 | 3274149.31 | 90.17     | 145° 43' 29" |
| 2124 | 505235.36 | 3274200.09 | 407.55    | 146° 26' 14" |
| 2125 | 504895.75 | 3274425.4  | 101.83    | 145° 9' 30"  |
| 2126 | 504812.18 | 3274483.58 | 49.13     | 146° 45' 56" |
| 2127 | 504771.09 | 3274510.5  | 50.57     | 148° 34' 21" |
| 2128 | 504727.94 | 3274536.87 | 82.71     | 147° 41' 39" |
| 2129 | 504658.03 | 3274581.07 | 20.75     | 153° 45' 1"  |
| 2130 | 504639.42 | 3274590.25 | 84.58     | 158° 21' 58" |
| 2131 | 504560.8  | 3274621.43 | 157.39    | 158° 42' 58" |
| 2132 | 504414.14 | 3274678.56 | 68.38     | 158° 20' 5"  |
| 2133 | 504350.59 | 3274703.81 | 125.63    | 147° 57' 57" |
| 2134 | 504244.09 | 3274770.45 | 63.93     | 147° 55' 24" |
| 2135 | 504189.92 | 3274804.4  | 79.17     | 135° 9' 4"   |
| 2136 | 504133.79 | 3274860.24 | 110.06    | 135° 11' 38" |
| 2137 | 504055.7  | 3274937.79 | 128.61    | 135° 8' 54"  |
| 2138 | 503964.53 | 3275028.5  | 82.72     | 135° 16' 19" |
| 2139 | 503905.76 | 3275086.71 | 34.22     | 145° 32' 40" |
| 2140 | 503877.54 | 3275106.07 | 100.01    | 145° 36' 49" |
| 2141 | 503795.01 | 3275162.55 | 100.04    | 145° 36' 49" |
| 2142 | 503712.45 | 3275219.06 | 100.07    | 145° 40' 38" |
| 2143 | 503629.8  | 3275275.48 | 150.76    | 145° 44' 36" |
| 2144 | 503505.2  | 3275360.34 | 15.82     | 149° 14' 4"  |
| 2145 | 503491.61 | 3275368.43 | 20 029,00 | 160° 14' 46" |

## Ведомость координат поворотных точек красных линий

|      |           |            |        |              |
|------|-----------|------------|--------|--------------|
| 2146 | 503480.75 | 3275372.33 | 65.35  | 145° 59' 16" |
| 2147 | 503426.57 | 3275408.89 | 52.33  | 226° 12' 44" |
| 2148 | 503390.36 | 3275371.11 | 28.61  | 219° 42' 52" |
| 2149 | 503368.35 | 3275352.83 | 41.91  | 227° 3' 36"  |
| 2150 | 503339.8  | 3275322.14 | 49.99  | 227° 7' 45"  |
| 2151 | 503305.78 | 3275285.5  | 99.99  | 227° 7' 45"  |
| 2152 | 503237.76 | 3275212.22 | 149.57 | 227° 7' 46"  |
| 2153 | 503136    | 3275102.61 | 99.75  | 226° 8' 25"  |
| 2154 | 503066.88 | 3275030.68 | 60.05  | 226° 8' 58"  |
| 2155 | 503025.28 | 3274987.38 | 100.33 | 226° 9' 43"  |
| 2156 | 502955.79 | 3274915.01 | 101.34 | 227° 9' 10"  |
| 2157 | 502886.87 | 3274840.71 | 189.02 | 227° 22' 50" |
| 2158 | 502758.88 | 3274701.61 | 49.87  | 227° 29' 45" |
| 2159 | 502725.19 | 3274664.85 | 99.72  | 227° 3' 18"  |
| 2160 | 502657.25 | 3274591.85 | 78.77  | 226° 52' 39" |
| 2161 | 502603.4  | 3274534.36 | 121.23 | 226° 50' 48" |
| 2162 | 502520.48 | 3274445.91 | 149.95 | 226° 50' 9"  |
| 2163 | 502417.91 | 3274336.54 | 109.98 | 226° 47' 46" |
| 2164 | 502342.62 | 3274256.38 | 217.47 | 226° 43' 30" |
| 2165 | 502193.54 | 3274098.05 | 132.49 | 226° 50' 47" |
| 2166 | 502102.93 | 3274001.39 | 189.98 | 226° 45' 23" |
| 2167 | 501972.77 | 3273863    | 159.98 | 226° 47' 18" |
| 2168 | 501863.24 | 3273746.41 | 139.98 | 226° 45' 4"  |
| 2169 | 501767.33 | 3273644.45 | 110,00 | 226° 47' 46" |
| 2170 | 501692.02 | 3273564.27 | 68.74  | 226° 45' 7"  |
| 2171 | 501644.92 | 3273514.2  | 71.28  | 226° 45' 1"  |
| 2172 | 501596.08 | 3273462.28 | 127.04 | 226° 45' 50" |
| 2173 | 501509.05 | 3273369.72 | 72.87  | 226° 47' 0"  |
| 2174 | 501459.16 | 3273316.62 | 60.08  | 226° 49' 1"  |
| 2175 | 501418.04 | 3273272.81 | 191.75 | 226° 25' 37" |
| 2176 | 501285.88 | 3273133.89 | 98.32  | 226° 35' 31" |
| 2177 | 501218.31 | 3273062.46 | 99.89  | 226° 50' 2"  |
| 2178 | 501149.97 | 3272989.6  | 69.49  | 226° 40' 41" |
| 2179 | 501102.3  | 3272939.05 | 130.62 | 227° 6' 55"  |
| 2180 | 501013.41 | 3272843.34 | 149.88 | 227° 7' 15"  |
| 2181 | 500911.42 | 3272733.51 | 97.94  | 226° 52' 22" |
| 2182 | 500844.47 | 3272662.03 | 61.24  | 224° 53' 15" |
| 2183 | 500801.08 | 3272618.81 | 110.6  | 230° 41' 49" |
| 2184 | 500731.02 | 3272533.23 | 38.23  | 241° 13' 4"  |
| 2185 | 500712.61 | 3272499.72 | 50.28  | 242° 38' 12" |
| 2186 | 500689.51 | 3272455.07 | 51.34  | 241° 19' 57" |
| 2187 | 500664.88 | 3272410.02 | 127.42 | 248° 4' 49"  |
| 2188 | 500617.31 | 3272291.81 | 91.73  | 260° 32' 18" |
| 2189 | 500602.23 | 3272201.33 | 102.13 | 263° 16' 17" |
| 2190 | 500590.26 | 3272099.9  | 118.7  | 263° 15' 37" |
| 2191 | 500576.33 | 3271982.02 | 71.31  | 263° 15' 2"  |
| 2192 | 500567.95 | 3271911.21 | 99.9   | 263° 16' 7"  |
| 2193 | 500556.24 | 3271812    | 110.19 | 263° 19' 19" |
| 2194 | 500543.43 | 3271702.55 | 100.12 | 263° 47' 14" |
| 2195 | 500532.59 | 3271603.02 | 108,00 | 263° 46' 56" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 2196 | 500520.89 | 3271495.65 | 81.84     | 263° 45' 26" |
| 2197 | 500511.99 | 3271414.29 | 100.01    | 263° 27' 49" |
| 2198 | 500500.61 | 3271314.94 | 259.74    | 263° 29' 47" |
| 2199 | 500471.19 | 3271056.86 | 189.9     | 263° 2' 41"  |
| 2200 | 500448.19 | 3270868.37 | 60.01     | 263° 4' 39"  |
| 2201 | 500440.96 | 3270808.79 | 68.81     | 263° 11' 39" |
| 2202 | 500432.81 | 3270740.46 | 72.66     | 263° 11' 29" |
| 2203 | 500424.19 | 3270668.31 | 79.55     | 267° 32' 13" |
| 2204 | 500420.77 | 3270588.83 | 131.17    | 267° 22' 27" |
| 2205 | 500414.76 | 3270457.79 | 149.99    | 267° 13' 1"  |
| 2206 | 500407.48 | 3270307.98 | 200.02    | 267° 21' 17" |
| 2207 | 500398.25 | 3270108.18 | 139.98    | 267° 15' 55" |
| 2208 | 500391.57 | 3269968.36 | 100.13    | 267° 12' 1"  |
| 2209 | 500386.68 | 3269868.34 | 100.05    | 267° 48' 28" |
| 2210 | 500382.85 | 3269768.37 | 199.61    | 267° 19' 51" |
| 2211 | 500373.56 | 3269568.97 | 100.06    | 267° 6' 49"  |
| 2212 | 500368.52 | 3269469.03 | 109.98    | 267° 14' 0"  |
| 2213 | 500363.21 | 3269359.19 | 99.99     | 267° 11' 55" |
| 2214 | 500358.32 | 3269259.31 | 89.96     | 267° 0' 21"  |
| 2215 | 500353.62 | 3269169.47 | 59.93     | 267° 4' 59"  |
| 2216 | 500350.57 | 3269109.62 | 140.17    | 267° 8' 6"   |
| 2217 | 500343.57 | 3268969.63 | 60.05     | 267° 25' 42" |
| 2218 | 500340.87 | 3268909.63 | 90.29     | 267° 20' 31" |
| 2219 | 500336.69 | 3268819.44 | 29.83     | 268° 6' 23"  |
| 2220 | 500335.7  | 3268789.63 | 166.32    | 267° 51' 55" |
| 2221 | 500329.51 | 3268623.42 | 39.71     | 266° 3' 42"  |
| 2222 | 500326.78 | 3268583.81 | 93.08     | 261° 56' 33" |
| 2223 | 500313.73 | 3268491.64 | 264.96    | 261° 58' 3"  |
| 2224 | 500276.71 | 3268229.29 | 155.27    | 261° 51' 36" |
| 2225 | 500254.72 | 3268075.58 | 165.54    | 261° 16' 8"  |
| 2226 | 500229.59 | 3267911.95 | 300.08    | 261° 19' 54" |
| 2227 | 500184.37 | 3267615.3  | 86.97     | 261° 26' 59" |
| 2228 | 500171.44 | 3267529.29 | 44.4      | 171° 24' 11" |
| 2229 | 500127.54 | 3267535.93 | 61.76     | 261° 19' 7"  |
| 2230 | 500118.22 | 3267474.88 | 42 922,00 | 211° 8' 12"  |
| 2231 | 500112.48 | 3267471.41 | 16.85     | 228° 1' 9"   |
| 2232 | 500101.21 | 3267458.89 | 14.43     | 262° 37' 20" |
| 2233 | 500099.36 | 3267444.58 | 18 080,00 | 175° 55' 0"  |
| 2234 | 500091.88 | 3267445.11 | 39.96     | 263° 2' 10"  |
| 2235 | 500087.04 | 3267405.45 | 22 616,00 | 172° 46' 7"  |
| 2236 | 500074.53 | 3267407.04 | 42 903,00 | 81° 23' 52"  |
| 2237 | 500077.08 | 3267423.9  | 364.94    | 171° 23' 33" |
| 2238 | 499716.25 | 3267478.52 | 41.99     | 81° 24' 39"  |
| 2239 | 499722.52 | 3267520.04 | 36.43     | 171° 19' 23" |
| 2240 | 499686.51 | 3267525.54 | 93.56     | 261° 23' 38" |
| 2241 | 499672.51 | 3267433.04 | 36.46     | 351° 24' 39" |
| 2242 | 499708.56 | 3267427.59 | 43.51     | 81° 24' 23"  |
| 2243 | 499715.06 | 3267470.61 | 358.92    | 351° 23' 36" |
| 2244 | 500069.94 | 3267416.9  | 9,00      | 261° 18' 0"  |
| 2245 | 500068.58 | 3267408    | 18.53     | 170° 48' 58" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 2246 | 500050.28 | 3267410.95 | 109.99    | 260° 48' 58" |
| 2247 | 500032.73 | 3267302.38 | 53.79     | 350° 47' 50" |
| 2248 | 500085.83 | 3267293.78 | 100.45    | 261° 23' 49" |
| 2249 | 500070.8  | 3267194.46 | 18 019,00 | 272° 27' 56" |
| 2250 | 500071.04 | 3267188.97 | 135.28    | 272° 53' 21" |
| 2251 | 500077.86 | 3267053.86 | 53,00     | 273° 32' 48" |
| 2252 | 500081.14 | 3267000.96 | 106.22    | 270° 42' 52" |
| 2253 | 500082.46 | 3266894.75 | 65.2      | 274° 41' 16" |
| 2254 | 500087.79 | 3266829.76 | 40.49     | 277° 11' 21" |
| 2255 | 500092.86 | 3266789.6  | 49.72     | 281° 16' 59" |
| 2256 | 500102.58 | 3266740.83 | 139.88    | 279° 29' 45" |
| 2257 | 500125.66 | 3266602.87 | 105.1     | 279° 59' 7"  |
| 2258 | 500143.89 | 3266499.36 | 21.42     | 273° 44' 24" |
| 2259 | 500145.28 | 3266477.98 | 20 059,00 | 261° 48' 5"  |
| 2260 | 500143.5  | 3266465.57 | 15.94     | 249° 18' 27" |
| 2261 | 500137.86 | 3266450.66 | 42 791,00 | 244° 28' 48" |
| 2262 | 500127    | 3266427.91 | 73.35     | 241° 39' 10" |
| 2263 | 500092.18 | 3266363.36 | 56.06     | 241° 39' 10" |
| 2264 | 500065.56 | 3266314.02 | 82.04     | 279° 51' 25" |
| 2265 | 500079.6  | 3266233.19 | 235.87    | 280° 7' 4"   |
| 2266 | 500121.04 | 3266000.99 | 41 974,00 | 190° 56' 55" |
| 2267 | 500109.12 | 3265998.69 | 130.08    | 280° 8' 27"  |
| 2268 | 500132.02 | 3265870.64 | 15 676,00 | 354° 17' 6"  |
| 2269 | 500144.38 | 3265869.41 | 85.44     | 280° 8' 27"  |
| 2270 | 500159.43 | 3265785.3  | 3169.48   | 279° 54' 13" |
| 2271 | 500704.55 | 3262663.05 | 36.21     | 281° 6' 30"  |
| 2272 | 500711.53 | 3262627.53 | 42 949,00 | 279° 53' 22" |
| 2273 | 500711.89 | 3262625.47 | 747.85    | 279° 53' 22" |
| 2274 | 500840.33 | 3261888.73 | 15.51     | 270° 23' 41" |
| 2275 | 500840.43 | 3261873.23 | 15.51     | 251° 24' 21" |
| 2276 | 500835.49 | 3261858.53 | 1548.61   | 241° 54' 40" |
| 2277 | 500106.34 | 3260492.32 | 188.37    | 235° 40' 37" |
| 2278 | 500000.13 | 3260336.75 | 11,00     | 241° 59' 32" |
| 2279 | 499994.96 | 3260327.03 | 34.61     | 151° 59' 32" |
| 2280 | 499964.41 | 3260343.29 | 13.62     | 241° 59' 32" |
| 2281 | 499958.01 | 3260331.26 | 35 125,00 | 241° 59' 32" |
| 2282 | 499956.15 | 3260327.77 | 16.92     | 241° 59' 32" |
| 2283 | 499948.21 | 3260312.83 | 370.64    | 151° 59' 32" |
| 2284 | 499620.97 | 3260486.88 | 39.03     | 62° 1' 1"    |
| 2285 | 499639.29 | 3260521.35 | 30.44     | 151° 59' 42" |
| 2286 | 499612.41 | 3260535.64 | 87.55     | 241° 59' 42" |
| 2287 | 499571.3  | 3260458.34 | 30.46     | 331° 59' 39" |
| 2288 | 499598.2  | 3260444.04 | 40.52     | 61° 59' 39"  |
| 2289 | 499617.22 | 3260479.81 | 370.63    | 331° 59' 34" |
| 2290 | 499944.45 | 3260305.77 | 101.69    | 241° 59' 33" |
| 2291 | 499896.7  | 3260215.99 | 42 891,00 | 331° 59' 32" |
| 2292 | 499901.64 | 3260213.36 | 53.1      | 242° 1' 49"  |
| 2293 | 499876.74 | 3260166.46 | 79.29     | 332° 22' 24" |
| 2294 | 499946.99 | 3260129.7  | 1363.08   | 241° 53' 43" |
| 2295 | 499304.86 | 3258927.34 | 2033.37   | 277° 0' 59"  |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 2296 | 499553.24 | 3256909.2  | 139.14    | 285° 53' 27" |
| 2297 | 499591.34 | 3256775.38 | 33 329,00 | 278° 9' 29"  |
| 2298 | 499592.03 | 3256770.52 | 824.04    | 254° 55' 16" |
| 2299 | 499377.66 | 3255974.86 | 833.77    | 255° 1' 4"   |
| 2300 | 499162.11 | 3255169.43 | 60.77     | 235° 53' 7"  |
| 2301 | 499128.03 | 3255119.12 | 114.11    | 265° 4' 10"  |
| 2302 | 499118.22 | 3255005.43 | 454.45    | 255° 1' 4"   |
| 2303 | 499000.74 | 3254566.43 | 2165.46   | 254° 57' 53" |
| 2304 | 498438.99 | 3252475.1  | 1173.69   | 255° 1' 35"  |
| 2305 | 498135.73 | 3251341.26 | 42 829,00 | 255° 1' 35"  |
| 2306 | 498134.69 | 3251337.35 | 111.47    | 255° 1' 35"  |
| 2307 | 498105.89 | 3251229.67 | 227.81    | 254° 57' 50" |
| 2308 | 498046.79 | 3251009.65 | 297.94    | 254° 57' 31" |
| 2309 | 497969.47 | 3250721.93 | 18.83     | 254° 59' 25" |
| 2310 | 497964.59 | 3250703.74 | 36.52     | 254° 51' 59" |
| 2311 | 497955.06 | 3250668.49 | 36.27     | 238° 19' 54" |
| 2312 | 497936.02 | 3250637.62 | 637.92    | 214° 29' 53" |
| 2313 | 497410.28 | 3250276.32 | 499.95    | 214° 37' 32" |
| 2314 | 496998.87 | 3249992.24 | 280.97    | 214° 19' 38" |
| 2315 | 496766.84 | 3249833.79 | 108.32    | 218° 12' 45" |
| 2316 | 496681.72 | 3249766.78 | 47.77     | 214° 45' 48" |
| 2317 | 496642.48 | 3249739.54 | 7792.18   | 232° 48' 38" |
| 2318 | 491932.47 | 3243531.98 | 693.88    | 221° 38' 40" |
| 2319 | 491413.95 | 3243070.89 | 704.58    | 248° 34' 1"  |
| 2320 | 491156.49 | 3242415.04 | 16 041,00 | 241° 54' 46" |
| 2321 | 491150.63 | 3242404.07 | 50.63     | 243° 35' 21" |
| 2322 | 491128.11 | 3242358.72 | 140.19    | 244° 18' 27" |
| 2323 | 491067.33 | 3242232.39 | 150.03    | 244° 19' 38" |
| 2324 | 491002.34 | 3242097.17 | 200.04    | 244° 24' 4"  |
| 2325 | 490915.9  | 3241916.76 | 231.28    | 244° 28' 54" |
| 2326 | 490816.27 | 3241708.04 | 68.71     | 244° 27' 26" |
| 2327 | 490786.64 | 3241646.05 | 23 986,00 | 244° 23' 29" |
| 2328 | 490782.47 | 3241637.35 | 49.62     | 243° 8' 54"  |
| 2329 | 490760.06 | 3241593.08 | 46.23     | 242° 59' 31" |
| 2330 | 490739.06 | 3241551.89 | 66.29     | 229° 19' 7"  |
| 2331 | 490695.85 | 3241501.62 | 29.58     | 229° 22' 0"  |
| 2332 | 490676.59 | 3241479.17 | 119.56    | 227° 43' 40" |
| 2333 | 490596.17 | 3241390.7  | 101.26    | 227° 44' 26" |
| 2334 | 490528.08 | 3241315.76 | 98.75     | 227° 44' 24" |
| 2335 | 490461.67 | 3241242.68 | 100,00    | 227° 44' 23" |
| 2336 | 490394.42 | 3241168.67 | 119.4     | 227° 43' 44" |
| 2337 | 490314.11 | 3241080.32 | 13 820,00 | 225° 32' 50" |
| 2338 | 490306.15 | 3241072.2  | 45.24     | 232° 39' 59" |
| 2339 | 490278.71 | 3241036.23 | 16.98     | 244° 51' 51" |
| 2340 | 490271.5  | 3241020.86 | 153.5     | 257° 58' 52" |
| 2341 | 490239.53 | 3240870.72 | 89.46     | 257° 44' 51" |
| 2342 | 490220.55 | 3240783.3  | 44.6      | 255° 57' 10" |
| 2343 | 490209.72 | 3240740.03 | 43.69     | 257° 30' 6"  |
| 2344 | 490200.27 | 3240697.38 | 37.28     | 257° 53' 51" |
| 2345 | 490192.45 | 3240660.93 | 32.29     | 259° 9' 21"  |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 2346 | 490186.38 | 3240629.21 | 27.65     | 167° 53' 59" |
| 2347 | 490159.34 | 3240635.01 | 42.64     | 257° 45' 56" |
| 2348 | 490150.3  | 3240593.33 | 0,00      | 0° 0' 0"     |
| 2349 | 490150.3  | 3240593.33 | 16.85     | 257° 53' 33" |
| 2350 | 490146.77 | 3240576.86 | 505.79    | 175° 18' 57" |
| 2351 | 489642.67 | 3240618.16 | 31 747,00 | 77° 47' 31"  |
| 2352 | 489645.39 | 3240630.73 | 33.24     | 77° 47' 31"  |
| 2353 | 489652.41 | 3240663.22 | 42 824,00 | 168° 13' 52" |
| 2354 | 489623.02 | 3240669.34 | 99.9      | 257° 48' 27" |
| 2355 | 489601.92 | 3240571.69 | 30,00     | 347° 58' 35" |
| 2356 | 489631.26 | 3240565.44 | 45.88     | 77° 47' 31"  |
| 2357 | 489640.96 | 3240610.28 | 505.79    | 355° 18' 53" |
| 2358 | 490145.06 | 3240568.97 | 39.47     | 257° 48' 6"  |
| 2359 | 490136.72 | 3240530.39 | 30.19     | 347° 23' 18" |
| 2360 | 490166.18 | 3240523.8  | 22.14     | 259° 9' 21"  |
| 2361 | 490162.02 | 3240502.05 | 156.05    | 257° 49' 6"  |
| 2362 | 490129.09 | 3240349.51 | 43 002,00 | 258° 40' 6"  |
| 2363 | 490124.35 | 3240325.89 | 262.39    | 229° 43' 49" |
| 2364 | 489954.75 | 3240125.68 | 43 044,00 | 138° 47' 15" |
| 2365 | 489950.9  | 3240129.05 | 172.26    | 229° 43' 49" |
| 2366 | 489839.56 | 3239997.61 | 43 044,00 | 320° 19' 54" |
| 2367 | 489843.49 | 3239994.35 | 50.78     | 229° 43' 49" |
| 2368 | 489810.67 | 3239955.6  | 42 881,00 | 219° 58' 0"  |
| 2369 | 489790.36 | 3239938.58 | 51.59     | 225° 41' 37" |
| 2370 | 489754.32 | 3239901.66 | 199.97    | 225° 56' 31" |
| 2371 | 489615.26 | 3239757.95 | 149.62    | 225° 37' 43" |
| 2372 | 489510.63 | 3239651    | 92.25     | 224° 33' 7"  |
| 2373 | 489444.89 | 3239586.28 | 42 833,00 | 197° 43' 21" |
| 2374 | 489437.23 | 3239583.83 | 45 047,00 | 197° 43' 21" |
| 2375 | 489432.24 | 3239582.24 | 23.84     | 187° 21' 17" |
| 2376 | 489408.6  | 3239579.19 | 249.43    | 188° 26' 37" |
| 2377 | 489161.87 | 3239542.56 | 31.48     | 185° 15' 0"  |
| 2378 | 489130.53 | 3239539.68 | 27.67     | 197° 32' 18" |
| 2379 | 489104.15 | 3239531.34 | 26.96     | 209° 50' 43" |
| 2380 | 489080.76 | 3239517.93 | 42 884,00 | 215° 51' 42" |
| 2381 | 489056.85 | 3239500.64 | 119.55    | 215° 25' 20" |
| 2382 | 488959.43 | 3239431.35 | 60.18     | 214° 14' 0"  |
| 2383 | 488909.68 | 3239397.5  | 120.58    | 216° 4' 46"  |
| 2384 | 488812.23 | 3239326.49 | 50.07     | 216° 22' 8"  |
| 2385 | 488771.91 | 3239296.8  | 49.61     | 216° 21' 53" |
| 2386 | 488731.96 | 3239267.38 | 48.68     | 214° 55' 6"  |
| 2387 | 488692.04 | 3239239.52 | 84.8      | 216° 7' 52"  |
| 2388 | 488623.55 | 3239189.51 | 23 863,00 | 124° 23' 20" |
| 2389 | 488620.36 | 3239194.17 | 67.58     | 215° 33' 52" |
| 2390 | 488565.38 | 3239154.87 | 20 210,00 | 303° 52' 17" |
| 2391 | 488568.48 | 3239150.26 | 47.31     | 215° 15' 2"  |
| 2392 | 488529.85 | 3239122.96 | 101.11    | 214° 26' 1"  |
| 2393 | 488446.45 | 3239065.79 | 250.59    | 215° 3' 42"  |
| 2394 | 488241.33 | 3238921.83 | 150.25    | 216° 39' 33" |
| 2395 | 488120.8  | 3238832.12 | 26.13     | 215° 58' 35" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 2396 | 488099.65 | 3238816.77 | 42 964,00 | 210° 30' 37" |
| 2397 | 488084.32 | 3238807.73 | 146.88    | 200° 8' 12"  |
| 2398 | 487946.42 | 3238757.17 | 150.22    | 198° 59' 50" |
| 2399 | 487804.38 | 3238708.27 | 50.31     | 201° 2' 20"  |
| 2400 | 487757.43 | 3238690.21 | 148.42    | 200° 10' 1"  |
| 2401 | 487618.11 | 3238639.04 | 54.13     | 199° 50' 16" |
| 2402 | 487567.19 | 3238620.67 | 0,00      | 0° 0' 0"     |
| 2403 | 487567.19 | 3238620.67 | 42 959,00 | 199° 50' 22" |
| 2404 | 487555.83 | 3238616.57 | 139.44    | 191° 44' 29" |
| 2405 | 487419.31 | 3238588.2  | 363.89    | 190° 43' 10" |
| 2406 | 487061.77 | 3238520.51 | 17.55     | 190° 43' 10" |
| 2407 | 487044.52 | 3238517.25 | 376.83    | 207° 53' 25" |
| 2408 | 486711.46 | 3238340.98 | 268.7     | 214° 50' 31" |
| 2409 | 486490.93 | 3238187.46 | 36 342,00 | 209° 20' 33" |
| 2410 | 486483.96 | 3238183.55 | 42 767,00 | 209° 20' 33" |
| 2411 | 486483.08 | 3238183.05 | 42 744,00 | 198° 20' 38" |
| 2412 | 486474.53 | 3238180.21 | 212.89    | 192° 50' 40" |
| 2413 | 486266.97 | 3238132.89 | 16.22     | 192° 50' 40" |
| 2414 | 486251.15 | 3238129.28 | 0,00      | 0° 0' 0"     |
| 2415 | 486251.15 | 3238129.28 | 503.99    | 201° 28' 56" |
| 2416 | 485782.17 | 3237944.71 | 573.27    | 197° 10' 6"  |
| 2417 | 485234.44 | 3237775.5  | 284.9     | 260° 29' 26" |
| 2418 | 485187.37 | 3237494.51 | 227.59    | 243° 27' 18" |
| 2419 | 485085.66 | 3237290.91 | 1247.97   | 240° 28' 22" |
| 2420 | 484470.61 | 3236205.02 | 24 929,00 | 149° 58' 30" |
| 2421 | 484466.56 | 3236207.37 | 162.3     | 240° 30' 34" |
| 2422 | 484386.66 | 3236066.09 | 42 891,00 | 331° 45' 21" |
| 2423 | 484391.12 | 3236063.69 | 44.02     | 240° 38' 36" |
| 2424 | 484369.54 | 3236025.33 | 0,00      | 0° 0' 0"     |
| 2425 | 484369.54 | 3236025.33 | 103.76    | 240° 38' 36" |
| 2426 | 484318.67 | 3235934.89 | 26 846,00 | 150° 30' 36" |
| 2427 | 484311.94 | 3235938.7  | 132.72    | 240° 32' 12" |
| 2428 | 484246.66 | 3235823.15 | 42 774,00 | 336° 8' 9"   |
| 2429 | 484253.99 | 3235819.9  | 198.13    | 240° 38' 36" |
| 2430 | 484156.86 | 3235647.21 | 11 536,00 | 150° 36' 48" |
| 2431 | 484149.62 | 3235651.29 | 162.1     | 240° 33' 51" |
| 2432 | 484069.95 | 3235510.12 | 19 937,00 | 331° 13' 14" |
| 2433 | 484077.44 | 3235506.01 | 167.96    | 240° 38' 36" |
| 2434 | 483995.09 | 3235359.61 | 26 146,00 | 150° 35' 32" |
| 2435 | 483987.5  | 3235363.89 | 222.28    | 240° 36' 21" |
| 2436 | 483878.4  | 3235170.23 | 31 625,00 | 331° 27' 57" |
| 2437 | 483886.19 | 3235166    | 1207.86   | 240° 38' 36" |
| 2438 | 483294.04 | 3234113.25 | 43 078,00 | 150° 43' 39" |
| 2439 | 483286.09 | 3234117.7  | 602.02    | 240° 45' 36" |
| 2440 | 482992.02 | 3233592.39 | 32 690,00 | 330° 46' 43" |
| 2441 | 482998.91 | 3233588.54 | 66.5      | 240° 38' 36" |
| 2442 | 482966.3  | 3233530.58 | 132.86    | 238° 47' 19" |
| 2443 | 482897.46 | 3233416.95 | 47.87     | 238° 5' 8"   |
| 2444 | 482872.15 | 3233376.31 | 49.56     | 238° 5' 8"   |
| 2445 | 482845.95 | 3233334.24 | 49.54     | 236° 28' 11" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 2446 | 482818.58 | 3233292.94 | 49.98     | 236° 23' 54" |
| 2447 | 482790.92 | 3233251.31 | 50,00     | 236° 23' 54" |
| 2448 | 482763.25 | 3233209.67 | 30.44     | 236° 22' 15" |
| 2449 | 482746.39 | 3233184.32 | 20.48     | 238° 3' 40"  |
| 2450 | 482735.56 | 3233166.94 | 49.99     | 238° 8' 9"   |
| 2451 | 482709.17 | 3233124.48 | 42 829,00 | 143° 11' 48" |
| 2452 | 482705.64 | 3233127.12 | 162.79    | 237° 30' 59" |
| 2453 | 482618.22 | 3232989.8  | 43 074,00 | 330° 18' 34" |
| 2454 | 482622.67 | 3232987.26 | 37.21     | 237° 27' 13" |
| 2455 | 482602.65 | 3232955.89 | 49.77     | 236° 36' 2"  |
| 2456 | 482575.25 | 3232914.34 | 49.99     | 236° 34' 45" |
| 2457 | 482547.72 | 3232872.62 | 50,00     | 236° 34' 45" |
| 2458 | 482520.18 | 3232830.89 | 50,00     | 236° 34' 45" |
| 2459 | 482492.64 | 3232789.15 | 49.98     | 236° 34' 45" |
| 2460 | 482465.11 | 3232747.43 | 36.33     | 236° 30' 55" |
| 2461 | 482445.07 | 3232717.13 | 53.3      | 259° 18' 50" |
| 2462 | 482435.18 | 3232664.76 | 36.6      | 285° 17' 41" |
| 2463 | 482444.84 | 3232629.46 | 48.97     | 281° 29' 47" |
| 2464 | 482454.6  | 3232581.47 | 50,00     | 281° 29' 47" |
| 2465 | 482464.56 | 3232532.47 | 50.1      | 281° 29' 47" |
| 2466 | 482474.55 | 3232483.38 | 60.15     | 281° 52' 0"  |
| 2467 | 482486.92 | 3232424.51 | 16.16     | 280° 56' 41" |
| 2468 | 482489.98 | 3232408.65 | 42 795,00 | 190° 21' 39" |
| 2469 | 482488.97 | 3232408.46 | 265.1     | 280° 48' 55" |
| 2470 | 482538.72 | 3232148.07 | 31 048,00 | 17° 21' 35"  |
| 2471 | 482540.48 | 3232148.62 | 11 658,00 | 281° 12' 6"  |
| 2472 | 482542.87 | 3232136.54 | 50,00     | 281° 12' 13" |
| 2473 | 482552.59 | 3232087.5  | 49.99     | 281° 11' 32" |
| 2474 | 482562.29 | 3232038.46 | 42 809,00 | 281° 9' 10"  |
| 2475 | 482565.2  | 3232023.71 | 29.38     | 276° 45' 24" |
| 2476 | 482568.65 | 3231994.54 | 29.59     | 278° 46' 6"  |
| 2477 | 482573.16 | 3231965.29 | 42 905,00 | 275° 12' 4"  |
| 2478 | 482574.89 | 3231946.31 | 50.02     | 275° 16' 33" |
| 2479 | 482579.49 | 3231896.5  | 50,00     | 275° 16' 33" |
| 2480 | 482584.09 | 3231846.71 | 50,00     | 275° 16' 33" |
| 2481 | 482588.69 | 3231796.93 | 50,00     | 275° 16' 33" |
| 2482 | 482593.28 | 3231747.14 | 50,00     | 275° 16' 33" |
| 2483 | 482597.88 | 3231697.35 | 50,00     | 275° 16' 33" |
| 2484 | 482602.48 | 3231647.56 | 50,00     | 275° 16' 33" |
| 2485 | 482607.08 | 3231597.77 | 50,00     | 275° 16' 33" |
| 2486 | 482611.67 | 3231547.99 | 50,00     | 275° 16' 33" |
| 2487 | 482616.27 | 3231498.2  | 50,00     | 275° 16' 33" |
| 2488 | 482620.87 | 3231448.41 | 50,00     | 275° 16' 33" |
| 2489 | 482625.47 | 3231398.62 | 50,00     | 275° 16' 33" |
| 2490 | 482630.07 | 3231348.83 | 49.98     | 275° 16' 33" |
| 2491 | 482634.66 | 3231299.06 | 16 407,00 | 275° 12' 43" |
| 2492 | 482635.79 | 3231286.67 | 28.89     | 258° 57' 53" |
| 2493 | 482630.26 | 3231258.31 | 50.02     | 259° 2' 22"  |
| 2494 | 482620.75 | 3231209.2  | 50,00     | 259° 2' 22"  |
| 2495 | 482611.24 | 3231160.12 | 50,00     | 259° 2' 22"  |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 2496 | 482601.74 | 3231111.03 | 50,00     | 259° 2' 22"  |
| 2497 | 482592.23 | 3231061.94 | 34.21     | 259° 2' 22"  |
| 2498 | 482585.73 | 3231028.35 | 22 647,00 | 168° 48' 59" |
| 2499 | 482584.13 | 3231028.67 | 182.41    | 258° 42' 7"  |
| 2500 | 482548.4  | 3230849.8  | 43 132,00 | 351° 42' 19" |
| 2501 | 482550.56 | 3230849.48 | 42 769,00 | 258° 47' 41" |
| 2502 | 482549.97 | 3230846.52 | 29.71     | 257° 34' 8"  |
| 2503 | 482543.58 | 3230817.5  | 50.03     | 257° 41' 45" |
| 2504 | 482532.91 | 3230768.62 | 50,00     | 257° 41' 45" |
| 2505 | 482522.26 | 3230719.77 | 50,00     | 257° 41' 45" |
| 2506 | 482511.6  | 3230670.92 | 52.83     | 257° 41' 45" |
| 2507 | 482500.35 | 3230619.3  | 52.98     | 268° 7' 0"   |
| 2508 | 482498.61 | 3230566.35 | 50.21     | 268° 53' 56" |
| 2509 | 482497.64 | 3230516.15 | 50,00     | 268° 53' 56" |
| 2510 | 482496.68 | 3230466.16 | 50,00     | 268° 53' 56" |
| 2511 | 482495.72 | 3230416.17 | 50,00     | 268° 53' 56" |
| 2512 | 482494.76 | 3230366.18 | 50,00     | 268° 53' 56" |
| 2513 | 482493.8  | 3230316.19 | 50,00     | 268° 53' 56" |
| 2514 | 482492.84 | 3230266.2  | 50,00     | 268° 53' 56" |
| 2515 | 482491.87 | 3230216.21 | 50,00     | 268° 53' 56" |
| 2516 | 482490.91 | 3230166.22 | 50,00     | 268° 53' 56" |
| 2517 | 482489.95 | 3230116.23 | 50,00     | 268° 53' 56" |
| 2518 | 482488.99 | 3230066.24 | 50,00     | 268° 53' 56" |
| 2519 | 482488.03 | 3230016.24 | 49.98     | 268° 53' 56" |
| 2520 | 482487.07 | 3229966.27 | 22.65     | 268° 50' 5"  |
| 2521 | 482486.61 | 3229943.63 | 43 040,00 | 278° 41' 21" |
| 2522 | 482488.3  | 3229932.59 | 32.03     | 272° 59' 58" |
| 2523 | 482489.97 | 3229900.6  | 42.96     | 268° 49' 29" |
| 2524 | 482489.09 | 3229857.66 | 29.96     | 269° 11' 9"  |
| 2525 | 482488.67 | 3229827.69 | 29.78     | 268° 41' 20" |
| 2526 | 482487.98 | 3229797.92 | 40.02     | 268° 21' 50" |
| 2527 | 482486.84 | 3229757.92 | 85.1      | 268° 44' 39" |
| 2528 | 482484.98 | 3229672.85 | 115.7     | 268° 8' 51"  |
| 2529 | 482481.24 | 3229557.21 | 100.24    | 268° 8' 12"  |
| 2530 | 482477.98 | 3229457.02 | 50.32     | 269° 2' 28"  |
| 2531 | 482477.14 | 3229406.71 | 49.63     | 269° 19' 20" |
| 2532 | 482476.55 | 3229357.08 | 49.74     | 267° 40' 38" |
| 2533 | 482474.53 | 3229307.38 | 43.18     | 268° 22' 16" |
| 2534 | 482473.31 | 3229264.22 | 44 228,00 | 179° 17' 45" |
| 2535 | 482471.1  | 3229264.25 | 182.88    | 268° 41' 27" |
| 2536 | 482466.92 | 3229081.41 | 13 150,00 | 359° 35' 41" |
| 2537 | 482468.28 | 3229081.4  | 24,00     | 268° 9' 1"   |
| 2538 | 482467.5  | 3229057.41 | 50.2      | 268° 10' 2"  |
| 2539 | 482465.9  | 3229007.24 | 50.27     | 268° 51' 56" |
| 2540 | 482464.9  | 3228956.98 | 49.09     | 269° 9' 10"  |
| 2541 | 482464.18 | 3228907.9  | 50.02     | 268° 52' 58" |
| 2542 | 482463.2  | 3228857.89 | 50.1      | 269° 14' 25" |
| 2543 | 482462.54 | 3228807.8  | 51.1      | 269° 16' 9"  |
| 2544 | 482461.89 | 3228756.7  | 101.09    | 273° 15' 51" |
| 2545 | 482467.64 | 3228655.78 | 150.07    | 273° 15' 2"  |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 2546 | 482476.15 | 3228505.95 | 100.47    | 273° 8' 33"  |
| 2547 | 482481.66 | 3228405.64 | 30.67     | 274° 58' 31" |
| 2548 | 482484.32 | 3228375.09 | 33 451,00 | 258° 53' 11" |
| 2549 | 482482.6  | 3228366.35 | 23.59     | 229° 49' 24" |
| 2550 | 482467.38 | 3228348.32 | 254.36    | 215° 17' 31" |
| 2551 | 482259.77 | 3228201.37 | 171.53    | 287° 3' 24"  |
| 2552 | 482310.08 | 3228037.38 | 0,00      | 116° 33' 54" |
| 2553 | 482310.08 | 3228037.38 | 43.23     | 271° 15' 24" |
| 2554 | 482311.03 | 3227994.17 | 99.56     | 271° 17' 15" |
| 2555 | 482313.27 | 3227894.63 | 45.25     | 269° 36' 53" |
| 2556 | 482312.96 | 3227849.38 | 0.71      | 178° 51' 30" |
| 2557 | 482312.25 | 3227849.4  | 201.95    | 270° 55' 52" |
| 2558 | 482315.53 | 3227647.47 | 43 497,00 | 1° 53' 37"   |
| 2559 | 482317.72 | 3227647.54 | 53.38     | 271° 34' 53" |
| 2560 | 482319.19 | 3227594.18 | 149.73    | 271° 17' 52" |
| 2561 | 482322.58 | 3227444.49 | 98.68     | 270° 35' 29" |
| 2562 | 482323.6  | 3227345.81 | 13 697,00 | 266° 25' 17" |
| 2563 | 482323.14 | 3227338.46 | 18.82     | 262° 4' 35"  |
| 2564 | 482320.55 | 3227319.82 | 18.76     | 262° 3' 57"  |
| 2565 | 482317.96 | 3227301.24 | 98.09     | 257° 29' 56" |
| 2566 | 482296.73 | 3227205.48 | 199.4     | 256° 2' 49"  |
| 2567 | 482248.64 | 3227011.96 | 50.7      | 255° 18' 53" |
| 2568 | 482235.79 | 3226962.92 | 100.79    | 258° 37' 0"  |
| 2569 | 482215.9  | 3226864.11 | 13 789,00 | 258° 17' 21" |
| 2570 | 482213.79 | 3226853.96 | 42 942,00 | 267° 21' 43" |
| 2571 | 482212.57 | 3226827.29 | 71.89     | 273° 43' 13" |
| 2572 | 482217.23 | 3226755.55 | 140.45    | 274° 20' 15" |
| 2573 | 482227.85 | 3226615.5  | 0,00      | 0° 0' 0"     |
| 2574 | 482227.85 | 3226615.5  | 23.99     | 274° 6' 55"  |
| 2575 | 482229.58 | 3226591.57 | 137.07    | 273° 58' 0"  |
| 2576 | 482239.06 | 3226454.83 | 32 203,00 | 279° 40' 8"  |
| 2577 | 482239.71 | 3226451.01 | 42 971,00 | 273° 8' 52"  |
| 2578 | 482241.07 | 3226426.24 | 46 722,00 | 262° 21' 41" |
| 2579 | 482239.44 | 3226414.08 | 42 981,00 | 260° 18' 23" |
| 2580 | 482238.92 | 3226411.03 | 46 082,00 | 237° 33' 43" |
| 2581 | 482237.17 | 3226408.28 | 58.36     | 206° 19' 57" |
| 2582 | 482184.86 | 3226382.39 | 97.89     | 194° 54' 49" |
| 2583 | 482090.27 | 3226357.19 | 100.4     | 195° 15' 24" |
| 2584 | 481993.41 | 3226330.77 | 28.84     | 196° 22' 23" |
| 2585 | 481965.74 | 3226322.65 | 170.99    | 196° 21' 46" |
| 2586 | 481801.67 | 3226274.47 | 199.77    | 195° 29' 48" |
| 2587 | 481609.17 | 3226221.1  | 200,00    | 195° 29' 40" |
| 2588 | 481416.44 | 3226167.67 | 300.02    | 195° 29' 40" |
| 2589 | 481127.32 | 3226087.52 | 250.04    | 195° 33' 51" |
| 2590 | 480886.45 | 3226020.43 | 168.09    | 195° 38' 30" |
| 2591 | 480724.59 | 3225975.11 | 120.13    | 195° 55' 3"  |
| 2592 | 480609.07 | 3225942.17 | 99.93     | 195° 39' 52" |
| 2593 | 480512.85 | 3225915.19 | 100,00    | 195° 39' 52" |
| 2594 | 480416.56 | 3225888.19 | 100,00    | 195° 39' 52" |
| 2595 | 480320.28 | 3225861.19 | 150,00    | 195° 39' 52" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 2596 | 480175.85 | 3225820.68 | 149.95    | 195° 39' 52" |
| 2597 | 480031.46 | 3225780.2  | 149.85    | 195° 29' 35" |
| 2598 | 479887.06 | 3225740.17 | 46.02     | 195° 6' 7"   |
| 2599 | 479842.63 | 3225728.18 | 21.84     | 195° 6' 7"   |
| 2600 | 479821.54 | 3225722.49 | 92.62     | 184° 37' 30" |
| 2601 | 479729.22 | 3225715.02 | 42 770,00 | 181° 43' 42" |
| 2602 | 479725.03 | 3225714.89 | 27.28     | 184° 37' 24" |
| 2603 | 479697.84 | 3225712.69 | 45.4      | 250° 8' 41"  |
| 2604 | 479682.42 | 3225670    | 21.95     | 241° 42' 8"  |
| 2605 | 479672.01 | 3225650.67 | 43 003,00 | 251° 34' 37" |
| 2606 | 479664.08 | 3225626.87 | 61.75     | 253° 28' 50" |
| 2607 | 479646.52 | 3225567.67 | 19.63     | 253° 28' 50" |
| 2608 | 479640.94 | 3225548.84 | 35.39     | 253° 28' 50" |
| 2609 | 479630.88 | 3225514.91 | 49.21     | 251° 30' 52" |
| 2610 | 479615.28 | 3225468.24 | 156.01    | 250° 37' 41" |
| 2611 | 479563.53 | 3225321.06 | 13 971,00 | 273° 25' 26" |
| 2612 | 479563.79 | 3225316.69 | 42 999,00 | 227° 27' 10" |
| 2613 | 479549.53 | 3225301.15 | 138.83    | 196° 18' 38" |
| 2614 | 479416.29 | 3225262.16 | 150.17    | 196° 15' 33" |
| 2615 | 479272.12 | 3225220.12 | 145.66    | 197° 0' 24"  |
| 2616 | 479132.82 | 3225177.51 | 18.43     | 180° 25' 16" |
| 2617 | 479114.39 | 3225177.38 | 251.63    | 221° 28' 5"  |
| 2618 | 478925.84 | 3225010.75 | 250.04    | 221° 36' 41" |
| 2619 | 478738.89 | 3224844.7  | 249.98    | 221° 36' 41" |
| 2620 | 478551.99 | 3224678.7  | 104.87    | 221° 32' 9"  |
| 2621 | 478473.49 | 3224609.15 | 0,00      | 180° 0' 0"   |
| 2622 | 478473.49 | 3224609.15 | 45 778,00 | 222° 1' 5"   |
| 2623 | 478469.59 | 3224605.64 | 0,00      | 180° 0' 0"   |
| 2624 | 478469.59 | 3224605.64 | 18.19     | 184° 55' 35" |
| 2625 | 478451.46 | 3224604.07 | 151.35    | 172° 33' 25" |
| 2626 | 478301.39 | 3224623.68 | 35 217,00 | 151° 56' 0"  |
| 2627 | 478295.25 | 3224626.95 | 199.94    | 151° 46' 12" |
| 2628 | 478119.1  | 3224721.53 | 81.61     | 151° 42' 5"  |
| 2629 | 478047.24 | 3224760.22 | 20.46     | 151° 42' 5"  |
| 2630 | 478029.23 | 3224769.91 | 13.56     | 151° 3' 37"  |
| 2631 | 478017.36 | 3224776.47 | 183.3     | 151° 44' 55" |
| 2632 | 477855.9  | 3224863.23 | 24 654,00 | 147° 46' 8"  |
| 2633 | 477849.41 | 3224867.33 | 204.99    | 143° 2' 45"  |
| 2634 | 477685.6  | 3224990.56 | 83.72     | 142° 57' 34" |
| 2635 | 477618.77 | 3225040.99 | 43 191,00 | 143° 1' 50"  |
| 2636 | 477615.44 | 3225043.51 | 145,00    | 143° 1' 50"  |
| 2637 | 477499.59 | 3225130.71 | 97.06     | 144° 27' 35" |
| 2638 | 477420.61 | 3225187.13 | 58.48     | 207° 42' 4"  |
| 2639 | 477368.83 | 3225159.94 | 94.93     | 207° 30' 35" |
| 2640 | 477284.64 | 3225116.09 | 100.18    | 208° 11' 5"  |
| 2641 | 477196.34 | 3225068.78 | 199.99    | 208° 9' 50"  |
| 2642 | 477020.03 | 3224974.38 | 150,00    | 208° 10' 18" |
| 2643 | 476887.8  | 3224903.57 | 249.96    | 208° 8' 42"  |
| 2644 | 476667.39 | 3224785.66 | 100.44    | 208° 2' 24"  |
| 2645 | 476578.75 | 3224738.45 | 164,00    | 208° 15' 41" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 2646 | 476434.3  | 3224660.79 | 199.54    | 208° 10' 23" |
| 2647 | 476258.4  | 3224566.58 | 90.75     | 206° 34' 35" |
| 2648 | 476177.23 | 3224525.98 | 70.08     | 225° 45' 29" |
| 2649 | 476128.34 | 3224475.78 | 286.33    | 227° 18' 0"  |
| 2650 | 475934.16 | 3224265.35 | 41 275,00 | 136° 48' 55" |
| 2651 | 475933.34 | 3224266.12 | 112.16    | 226° 48' 33" |
| 2652 | 475856.57 | 3224184.35 | 44 197,00 | 318° 31' 43" |
| 2653 | 475857.48 | 3224183.54 | 39.21     | 226° 15' 45" |
| 2654 | 475830.38 | 3224155.21 | 252.53    | 206° 30' 28" |
| 2655 | 475604.39 | 3224042.5  | 399.98    | 206° 28' 18" |
| 2656 | 475246.35 | 3223864.21 | 298.66    | 206° 25' 41" |
| 2657 | 474978.9  | 3223731.29 | 145.1     | 206° 11' 51" |
| 2658 | 474848.7  | 3223667.23 | 312.5     | 220° 17' 2"  |
| 2659 | 474610.31 | 3223465.17 | 453.6     | 219° 46' 0"  |
| 2660 | 474261.65 | 3223175.02 | 308.74    | 220° 3' 31"  |
| 2661 | 474025.34 | 3222976.32 | 43 065,00 | 218° 16' 37" |
| 2662 | 474004.84 | 3222960.15 | 63.77     | 197° 34' 23" |
| 2663 | 473944.05 | 3222940.89 | 385.56    | 192° 48' 14" |
| 2664 | 473568.08 | 3222855.45 | 261.11    | 211° 45' 44" |
| 2665 | 473346.07 | 3222718    | 500.27    | 212° 22' 7"  |
| 2666 | 472923.52 | 3222450.17 | 184.47    | 212° 46' 46" |
| 2667 | 472768.43 | 3222350.3  | 21.82     | 199° 27' 2"  |
| 2668 | 472747.85 | 3222343.03 | 32 325,00 | 109° 20' 21" |
| 2669 | 472745.24 | 3222350.47 | 24.79     | 199° 20' 21" |
| 2670 | 472721.85 | 3222342.26 | 26.46     | 109° 20' 21" |
| 2671 | 472713.09 | 3222367.23 | 38.05     | 199° 19' 42" |
| 2672 | 472677.19 | 3222354.63 | 476.62    | 109° 26' 17" |
| 2673 | 472518.57 | 3222804.09 | 0,00      | 109° 59' 13" |
| 2674 | 472518.57 | 3222804.09 | 0,00      | 20° 51' 16"  |
| 2675 | 472518.57 | 3222804.09 | 44.3      | 19° 59' 5"   |
| 2676 | 472560.21 | 3222819.23 | 29.59     | 108° 33' 7"  |
| 2677 | 472550.8  | 3222847.28 | 100.13    | 199° 25' 9"  |
| 2678 | 472456.37 | 3222813.99 | 30.29     | 288° 22' 31" |
| 2679 | 472465.91 | 3222785.24 | 47.93     | 19° 43' 58"  |
| 2680 | 472511.03 | 3222801.43 | 476.61    | 289° 26' 17" |
| 2681 | 472669.64 | 3222351.98 | 16.95     | 199° 19' 42" |
| 2682 | 472653.64 | 3222346.37 | 34.51     | 288° 56' 23" |
| 2683 | 472664.84 | 3222313.73 | 119.27    | 199° 27' 32" |
| 2684 | 472552.38 | 3222274    | 308.29    | 221° 57' 27" |
| 2685 | 472323.12 | 3222067.89 | 348.17    | 212° 13' 5"  |
| 2686 | 472028.57 | 3221882.26 | 749.99    | 212° 12' 18" |
| 2687 | 471393.96 | 3221482.55 | 295.12    | 212° 11' 12" |
| 2797 | 704667.24 | 3387572.18 | 25.67     | 194° 43' 12" |
| 2798 | 704642.41 | 3387565.65 | 43.84     | 195° 10' 13" |
| 2799 | 704600.1  | 3387554.18 | 16.75     | 196° 35' 53" |
| 2800 | 704584.05 | 3387549.4  | 46 204,00 | 196° 35' 53" |
| 2801 | 704577.09 | 3387547.32 | 14.67     | 196° 35' 53" |
| 2802 | 704563.04 | 3387543.13 | 30.62     | 198° 6' 17"  |
| 2803 | 704533.93 | 3387533.62 | 0.12      | 90° 0' 0"    |
| 2804 | 704533.93 | 3387533.74 | 1,00      | 180° 0' 0"   |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 2805 | 704532.93 | 3387533.74 | 0.45      | 270° 0' 0"   |
| 2806 | 704532.93 | 3387533.29 | 11 383,00 | 198° 6' 17"  |
| 2807 | 704529.79 | 3387532.26 | 31.35     | 199° 23' 34" |
| 2808 | 704500.21 | 3387521.85 | 21.97     | 196° 44' 15" |
| 2809 | 704479.18 | 3387515.53 | 267.96    | 196° 35' 30" |
| 2810 | 704222.37 | 3387439.01 | 155.79    | 204° 32' 31" |
| 2811 | 704080.65 | 3387374.3  | 0.2       | 180° 0' 0"   |
| 2812 | 704080.45 | 3387374.3  | 0.1       | 270° 0' 0"   |
| 2813 | 704080.45 | 3387374.2  | 13 119,00 | 233° 26' 42" |
| 2814 | 704073.1  | 3387364.28 | 19.47     | 207° 15' 8"  |
| 2815 | 704055.79 | 3387355.37 | 42 795,00 | 180° 0' 0"   |
| 2816 | 704054.76 | 3387355.37 | 0.53      | 270° 0' 0"   |
| 2817 | 704054.76 | 3387354.84 | 14 336,00 | 207° 15' 8"  |
| 2818 | 704050.86 | 3387352.83 | 27.91     | 205° 33' 24" |
| 2819 | 704025.68 | 3387340.79 | 42 775,00 | 174° 11' 50" |
| 2820 | 704016.53 | 3387341.72 | 0.17      | 90° 0' 0"    |
| 2821 | 704016.53 | 3387341.89 | 1,00      | 180° 0' 0"   |
| 2822 | 704015.53 | 3387341.89 | 0.09      | 270° 0' 0"   |
| 2823 | 704015.53 | 3387341.8  | 68.9      | 205° 58' 33" |
| 2824 | 703953.59 | 3387311.63 | 93.46     | 205° 58' 33" |
| 2825 | 703869.57 | 3387270.69 | 0.3       | 180° 0' 0"   |
| 2826 | 703869.27 | 3387270.69 | 0.14      | 270° 0' 0"   |
| 2827 | 703869.27 | 3387270.55 | 47 239,00 | 205° 58' 33" |
| 2828 | 703864.51 | 3387268.23 | 195.04    | 204° 47' 34" |
| 2829 | 703687.45 | 3387186.44 | 0.59      | 180° 0' 0"   |
| 2830 | 703686.86 | 3387186.44 | 0.27      | 270° 0' 0"   |
| 2831 | 703686.86 | 3387186.17 | 202.51    | 198° 54' 37" |
| 2832 | 703495.28 | 3387120.54 | 0.78      | 180° 0' 0"   |
| 2833 | 703494.5  | 3387120.54 | 0.27      | 270° 0' 0"   |
| 2834 | 703494.5  | 3387120.27 | 41.9      | 198° 54' 37" |
| 2835 | 703454.86 | 3387106.69 | 41.15     | 198° 54' 37" |
| 2836 | 703415.93 | 3387093.36 | 21.44     | 199° 13' 54" |
| 2837 | 703395.69 | 3387086.3  | 19.72     | 198° 33' 39" |
| 2838 | 703377    | 3387080.02 | 0.66      | 180° 0' 0"   |
| 2839 | 703376.34 | 3387080.02 | 0.23      | 270° 0' 0"   |
| 2840 | 703376.34 | 3387079.79 | 162.23    | 198° 54' 37" |
| 2841 | 703222.87 | 3387027.22 | 42 745,00 | 198° 54' 6"  |
| 2842 | 703213.4  | 3387023.98 | 45.26     | 198° 53' 6"  |
| 2843 | 703170.58 | 3387009.33 | 0.25      | 90° 0' 0"    |
| 2844 | 703170.58 | 3387009.58 | 1,00      | 180° 0' 0"   |
| 2845 | 703169.58 | 3387009.58 | 0.59      | 270° 0' 0"   |
| 2846 | 703169.58 | 3387008.99 | 257.22    | 198° 52' 59" |
| 2847 | 702926.2  | 3386925.74 | 1,00      | 180° 0' 0"   |
| 2848 | 702925.2  | 3386925.74 | 0.35      | 270° 0' 0"   |
| 2849 | 702925.2  | 3386925.39 | 180.35    | 199° 4' 51"  |
| 2850 | 702754.76 | 3386866.43 | 73.48     | 200° 12' 0"  |
| 2851 | 702685.8  | 3386841.06 | 199.98    | 198° 28' 9"  |
| 2852 | 702496.12 | 3386777.71 | 40,00     | 198° 27' 43" |
| 2853 | 702458.18 | 3386765.04 | 39.6      | 198° 28' 19" |
| 2854 | 702420.62 | 3386752.5  | 0.04      | 90° 0' 0"    |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 2855 | 702420.62 | 3386752.54 | 1,00      | 180° 0' 0"   |
| 2856 | 702419.62 | 3386752.54 | 0.38      | 270° 0' 0"   |
| 2857 | 702419.62 | 3386752.16 | 19.33     | 198° 27' 15" |
| 2858 | 702401.28 | 3386746.04 | 40,00     | 198° 27' 43" |
| 2859 | 702363.34 | 3386733.37 | 36 404,00 | 198° 30' 7"  |
| 2860 | 702353.86 | 3386730.2  | 40,00     | 198° 27' 43" |
| 2861 | 702315.92 | 3386717.54 | 36 404,00 | 198° 30' 7"  |
| 2862 | 702306.44 | 3386714.36 | 40,00     | 198° 27' 43" |
| 2863 | 702268.49 | 3386701.7  | 36 404,00 | 198° 30' 7"  |
| 2864 | 702259.02 | 3386698.52 | 29 677,00 | 198° 29' 28" |
| 2865 | 702254.45 | 3386697    | 16.19     | 198° 28' 42" |
| 2866 | 702239.1  | 3386691.87 | 301.26    | 124° 13' 43" |
| 2867 | 702069.64 | 3386940.95 | 18.81     | 124° 13' 39" |
| 2868 | 702059.06 | 3386956.5  | 202.96    | 124° 13' 48" |
| 2869 | 701944.89 | 3387124.31 | 32.35     | 146° 19' 32" |
| 2870 | 701917.97 | 3387142.24 | 32.35     | 190° 31' 1"  |
| 2871 | 701886.17 | 3387136.34 | 667.73    | 212° 37' 57" |
| 2872 | 701323.84 | 3386776.26 | 24.83     | 212° 37' 57" |
| 2873 | 701302.93 | 3386762.88 | 828.27    | 212° 37' 57" |
| 2874 | 700605.4  | 3386316.23 | 540.96    | 179° 48' 39" |
| 2875 | 700064.45 | 3386318.02 | 30 651,00 | 188° 23' 31" |
| 2876 | 700051.75 | 3386316.15 | 30 651,00 | 205° 33' 19" |
| 2877 | 700040.18 | 3386310.61 | 988.99    | 214° 8' 13"  |
| 2878 | 699221.59 | 3385755.62 | 1165.8    | 195° 58' 9"  |
| 2879 | 698100.78 | 3385434.89 | 32.91     | 218° 26' 23" |
| 2880 | 698075    | 3385414.43 | 32.91     | 263° 26' 23" |
| 2881 | 698071.24 | 3385381.73 | 203.05    | 285° 56' 25" |
| 2882 | 698127.01 | 3385186.49 | 22.74     | 285° 56' 31" |
| 2883 | 698133.25 | 3385164.63 | 215.57    | 285° 56' 30" |
| 2884 | 698192.46 | 3384957.35 | 958.1     | 195° 55' 59" |
| 2885 | 697271.17 | 3384694.34 | 1161.99   | 200° 0' 12"  |
| 2886 | 696179.28 | 3384296.85 | 621.57    | 198° 6' 41"  |
| 2887 | 695588.5  | 3384103.63 | 379.85    | 195° 46' 19" |
| 2888 | 695222.95 | 3384000.38 | 283.71    | 198° 53' 30" |
| 2889 | 694954.52 | 3383908.52 | 467.73    | 201° 45' 56" |
| 2890 | 694520.14 | 3383735.08 | 522.92    | 208° 38' 4"  |
| 2891 | 694061.18 | 3383484.49 | 644.76    | 219° 45' 56" |
| 2892 | 693565.58 | 3383072.07 | 269.04    | 139° 49' 38" |
| 2893 | 693360    | 3383245.63 | 17.56     | 139° 51' 57" |
| 2894 | 693346.58 | 3383256.95 | 214.72    | 139° 49' 25" |
| 2895 | 693182.51 | 3383395.48 | 42 817,00 | 155° 21' 15" |
| 2896 | 693161.58 | 3383405.08 | 42 817,00 | 186° 25' 8"  |
| 2897 | 693138.7  | 3383402.51 | 308.77    | 201° 56' 59" |
| 2898 | 692852.31 | 3383287.09 | 292.56    | 201° 56' 33" |
| 2899 | 692580.95 | 3383177.77 | 89.76     | 209° 45' 9"  |
| 2900 | 692503.02 | 3383133.23 | 19 511,00 | 199° 55' 3"  |
| 2901 | 692496.88 | 3383131    | 82.56     | 199° 58' 7"  |
| 2902 | 692419.29 | 3383102.81 | 22.25     | 200° 28' 15" |
| 2903 | 692398.44 | 3383095.03 | 23.47     | 199° 11' 59" |
| 2904 | 692376.28 | 3383087.31 | 55.74     | 200° 33' 40" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 2905 | 692324.09 | 3383067.73 | 45.99     | 200° 33' 18" |
| 2906 | 692281.02 | 3383051.58 | 64.01     | 200° 33' 19" |
| 2907 | 692221.09 | 3383029.11 | 60,00     | 200° 32' 39" |
| 2908 | 692164.91 | 3383008.06 | 40,00     | 200° 33' 33" |
| 2909 | 692127.45 | 3382994.01 | 45.99     | 200° 33' 18" |
| 2910 | 692084.39 | 3382977.86 | 42 759,00 | 200° 32' 54" |
| 2911 | 692061.91 | 3382969.43 | 19.99     | 200° 33' 2"  |
| 2912 | 692043.19 | 3382962.41 | 42 755,00 | 200° 34' 5"  |
| 2913 | 692024.46 | 3382955.39 | 30,00     | 200° 32' 39" |
| 2914 | 691996.36 | 3382944.86 | 19.99     | 200° 33' 2"  |
| 2915 | 691977.64 | 3382937.84 | 70,00     | 200° 33' 10" |
| 2916 | 691912.1  | 3382913.26 | 42 755,00 | 200° 34' 5"  |
| 2917 | 691893.37 | 3382906.24 | 21 824,00 | 203° 16' 18" |
| 2918 | 691883.63 | 3382902.05 | 12,00     | 223° 51' 0"  |
| 2919 | 691874.98 | 3382893.74 | 98.64     | 231° 52' 7"  |
| 2920 | 691814.07 | 3382816.15 | 30 773,00 | 138° 32' 11" |
| 2921 | 691810.45 | 3382819.35 | 16 650,00 | 230° 24' 32" |
| 2922 | 691805.06 | 3382812.84 | 25.87     | 230° 49' 18" |
| 2923 | 691788.72 | 3382792.79 | 43 061,00 | 321° 43' 10" |
| 2924 | 691806.08 | 3382779.09 | 6,00      | 233° 37' 46" |
| 2925 | 691802.52 | 3382774.25 | 22.41     | 141° 43' 11" |
| 2926 | 691784.93 | 3382788.14 | 42 817,00 | 230° 49' 18" |
| 2927 | 691770.21 | 3382770.08 | 42 765,00 | 231° 43' 8"  |
| 2928 | 691751.62 | 3382746.52 | 119.99    | 231° 42' 57" |
| 2929 | 691677.28 | 3382652.33 | 34.01     | 231° 42' 19" |
| 2930 | 691656.2  | 3382625.64 | 29.79     | 231° 43' 30" |
| 2931 | 691637.75 | 3382602.26 | 0.74      | 180° 0' 0"   |
| 2932 | 691637.01 | 3382602.26 | 0.94      | 270° 0' 0"   |
| 2933 | 691637.01 | 3382601.32 | 42 781,00 | 231° 43' 30" |
| 2934 | 691627.71 | 3382589.53 | 38.48     | 231° 42' 43" |
| 2935 | 691603.87 | 3382559.33 | 68.42     | 231° 42' 42" |
| 2936 | 691561.47 | 3382505.62 | 339.38    | 232° 4' 15"  |
| 2937 | 691352.86 | 3382237.93 | 366.81    | 232° 1' 36"  |
| 2938 | 691127.16 | 3381948.77 | 115.24    | 232° 9' 14"  |
| 2939 | 691056.46 | 3381857.77 | 0.28      | 180° 0' 0"   |
| 2940 | 691056.18 | 3381857.77 | 0.36      | 270° 0' 0"   |
| 2941 | 691056.18 | 3381857.41 | 247.6     | 231° 43' 15" |
| 2942 | 690902.79 | 3381663.04 | 0.46      | 270° 0' 0"   |
| 2943 | 690902.79 | 3381662.58 | 0.37      | 180° 0' 0"   |
| 2944 | 690902.42 | 3381662.58 | 478.6     | 231° 43' 15" |
| 2945 | 690605.93 | 3381286.88 | 0.16      | 180° 0' 0"   |
| 2946 | 690605.77 | 3381286.88 | 0.21      | 270° 0' 0"   |
| 2947 | 690605.77 | 3381286.67 | 369.27    | 231° 53' 20" |
| 2948 | 690377.86 | 3380996.13 | 351.27    | 231° 43' 48" |
| 2949 | 690160.3  | 3380720.34 | 159.03    | 232° 18' 40" |
| 2950 | 690063.07 | 3380594.49 | 0.67      | 180° 0' 0"   |
| 2951 | 690062.4  | 3380594.49 | 0.86      | 270° 0' 0"   |
| 2952 | 690062.4  | 3380593.63 | 150.92    | 232° 18' 40" |
| 2953 | 689970.13 | 3380474.2  | 106.21    | 231° 0' 55"  |
| 2954 | 689903.31 | 3380391.64 | 84.13     | 229° 30' 47" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 2955 | 689848.69 | 3380327.65 | 0.95      | 180° 0' 0"   |
| 2956 | 689847.74 | 3380327.65 | 1,00      | 270° 0' 0"   |
| 2957 | 689847.74 | 3380326.65 | 0.09      | 0° 0' 0"     |
| 2958 | 689847.83 | 3380326.65 | 45.36     | 229° 6' 24"  |
| 2959 | 689818.14 | 3380292.36 | 30.48     | 218° 47' 40" |
| 2960 | 689794.38 | 3380273.26 | 0.37      | 270° 0' 0"   |
| 2961 | 689794.38 | 3380272.89 | 0.47      | 180° 0' 0"   |
| 2962 | 689793.91 | 3380272.89 | 42 788,00 | 222° 0' 58"  |
| 2963 | 689777.55 | 3380258.15 | 47.08     | 222° 54' 2"  |
| 2964 | 689743.07 | 3380226.1  | 83.75     | 219° 37' 38" |
| 2965 | 689678.56 | 3380172.68 | 82.29     | 219° 13' 1"  |
| 2966 | 689614.8  | 3380120.66 | 110.95    | 219° 29' 8"  |
| 2967 | 689529.18 | 3380050.11 | 156.93    | 220° 19' 43" |
| 2968 | 689409.54 | 3379948.55 | 178.88    | 220° 17' 23" |
| 2969 | 689273.1  | 3379832.87 | 79.42     | 221° 0' 43"  |
| 2970 | 689213.17 | 3379780.76 | 191.06    | 219° 41' 28" |
| 2971 | 689066.15 | 3379658.74 | 53.53     | 221° 12' 17" |
| 2972 | 689025.87 | 3379623.47 | 288.49    | 219° 10' 46" |
| 2973 | 688802.24 | 3379441.22 | 58.08     | 221° 16' 4"  |
| 2974 | 688758.59 | 3379402.91 | 121.43    | 220° 28' 24" |
| 2975 | 688666.21 | 3379324.09 | 41.36     | 220° 15' 36" |
| 2976 | 688634.65 | 3379297.36 | 0.1       | 90° 0' 0"    |
| 2977 | 688634.65 | 3379297.46 | 1,00      | 180° 0' 0"   |
| 2978 | 688633.65 | 3379297.46 | 0.95      | 270° 0' 0"   |
| 2979 | 688633.65 | 3379296.51 | 55.76     | 219° 47' 34" |
| 2980 | 688590.81 | 3379260.83 | 25.19     | 221° 16' 38" |
| 2981 | 688571.88 | 3379244.21 | 137.37    | 219° 43' 46" |
| 2982 | 688466.23 | 3379156.41 | 44.85     | 219° 4' 8"   |
| 2983 | 688431.41 | 3379128.14 | 84.06     | 218° 25' 8"  |
| 2984 | 688365.54 | 3379075.9  | 202.74    | 220° 11' 8"  |
| 2985 | 688210.66 | 3378945.08 | 268.63    | 219° 31' 56" |
| 2986 | 688003.47 | 3378774.09 | 73.47     | 219° 23' 46" |
| 2987 | 687946.7  | 3378727.46 | 46.58     | 218° 49' 21" |
| 2988 | 687910.4  | 3378698.26 | 205.54    | 220° 52' 42" |
| 2989 | 687755    | 3378563.75 | 54.41     | 219° 13' 7"  |
| 2990 | 687712.85 | 3378529.35 | 42.5      | 223° 21' 26" |
| 2991 | 687681.95 | 3378500.17 | 49.01     | 218° 49' 32" |
| 2992 | 687643.77 | 3378469.45 | 1182.06   | 205° 6' 46"  |
| 2993 | 686573.45 | 3377967.78 | 42 942,00 | 222° 45' 40" |
| 2994 | 686554.31 | 3377950.08 | 42 942,00 | 258° 3' 28"  |
| 2995 | 686548.91 | 3377924.57 | 328.76    | 275° 42' 21" |
| 2996 | 686581.6  | 3377597.44 | 27 334,00 | 220° 50' 29" |
| 2997 | 686572.72 | 3377589.76 | 70.27     | 221° 11' 27" |
| 2998 | 686519.84 | 3377543.49 | 90.23     | 223° 12' 23" |
| 2999 | 686454.07 | 3377481.71 | 195.92    | 220° 21' 0"  |
| 3000 | 686304.77 | 3377354.87 | 61.06     | 220° 56' 36" |
| 3001 | 686258.65 | 3377314.85 | 57.13     | 216° 25' 14" |
| 3002 | 686212.68 | 3377280.94 | 51.07     | 223° 28' 21" |
| 3003 | 686175.62 | 3377245.8  | 31.98     | 214° 44' 59" |
| 3004 | 686149.34 | 3377227.57 | 41.08     | 219° 26' 10" |



## Ведомость координат поворотных точек красных линий

|      |           |            |        |              |
|------|-----------|------------|--------|--------------|
| 3005 | 686117.61 | 3377201.48 | 54.07  | 221° 18' 15" |
| 3006 | 686076.99 | 3377165.79 | 181.36 | 219° 3' 58"  |
| 3007 | 685936.18 | 3377051.5  | 54.92  | 219° 49' 50" |
| 3008 | 685894.01 | 3377016.32 | 81.39  | 221° 56' 47" |
| 3009 | 685833.47 | 3376961.91 | 70.32  | 221° 55' 24" |
| 3010 | 685781.15 | 3376914.93 | 33.31  | 212° 1' 1"   |
| 3011 | 685752.91 | 3376897.27 | 60.83  | 216° 2' 39"  |
| 3012 | 685703.72 | 3376861.48 | 39.45  | 219° 33' 30" |
| 3013 | 685673.31 | 3376836.35 | 207.23 | 220° 54' 31" |
| 3014 | 685516.69 | 3376700.64 | 120.37 | 218° 46' 29" |
| 3015 | 685422.85 | 3376625.26 | 0.77   | 180° 0' 0"   |
| 3016 | 685422.08 | 3376625.26 | 0.61   | 270° 0' 0"   |
| 3017 | 685422.08 | 3376624.65 | 182.97 | 210° 36' 44" |
| 3018 | 685264.61 | 3376531.47 | 108.21 | 208° 39' 42" |
| 3019 | 685169.66 | 3376479.57 | 247.85 | 208° 37' 55" |
| 3020 | 684952.12 | 3376360.81 | 51.76  | 207° 53' 13" |
| 3021 | 684906.38 | 3376336.6  | 30.83  | 207° 39' 56" |
| 3022 | 684879.07 | 3376322.29 | 131.97 | 207° 11' 46" |
| 3023 | 684761.69 | 3376261.97 | 44.59  | 207° 21' 39" |
| 3024 | 684722.09 | 3376241.48 | 99.37  | 207° 53' 19" |
| 3025 | 684634.27 | 3376195    | 109.99 | 208° 33' 40" |
| 3026 | 684537.66 | 3376142.41 | 140.21 | 208° 29' 53" |
| 3027 | 684414.44 | 3376075.52 | 188.77 | 208° 25' 37" |
| 3028 | 684248.43 | 3375985.66 | 197.51 | 208° 28' 0"  |
| 3029 | 684074.8  | 3375891.51 | 77.42  | 208° 33' 46" |
| 3030 | 684006.8  | 3375854.49 | 46.82  | 207° 47' 58" |
| 3031 | 683965.38 | 3375832.66 | 69.47  | 208° 26' 22" |
| 3032 | 683904.3  | 3375799.58 | 49.94  | 209° 48' 29" |
| 3033 | 683860.96 | 3375774.75 | 42.7   | 206° 42' 30" |
| 3034 | 683822.82 | 3375755.56 | 112.46 | 208° 20' 33" |
| 3035 | 683723.84 | 3375702.17 | 70.63  | 208° 37' 9"  |
| 3036 | 683661.84 | 3375668.34 | 50,00  | 209° 6' 22"  |
| 3037 | 683618.16 | 3375644.02 | 100,00 | 209° 5' 54"  |
| 3038 | 683530.78 | 3375595.39 | 90.01  | 209° 5' 58"  |
| 3039 | 683452.14 | 3375551.62 | 31.44  | 206° 21' 58" |
| 3040 | 683423.97 | 3375537.65 | 52.64  | 208° 0' 50"  |
| 3041 | 683377.49 | 3375512.93 | 55.91  | 210° 3' 7"   |
| 3042 | 683329.09 | 3375484.93 | 60,00  | 208° 54' 6"  |
| 3043 | 683276.57 | 3375455.93 | 51.51  | 208° 51' 43" |
| 3044 | 683231.46 | 3375431.07 | 139.99 | 208° 8' 14"  |
| 3045 | 683108.01 | 3375365.05 | 160.01 | 208° 8' 8"   |
| 3046 | 682966.91 | 3375289.59 | 158.69 | 208° 8' 15"  |
| 3047 | 682826.97 | 3375214.76 | 321.29 | 208° 20' 14" |
| 3048 | 682544.19 | 3375062.25 | 117.72 | 208° 20' 3"  |
| 3049 | 682440.57 | 3375006.38 | 85.45  | 196° 48' 50" |
| 3050 | 682358.77 | 3374981.66 | 162.28 | 215° 30' 11" |
| 3051 | 682226.66 | 3374887.42 | 137.53 | 208° 0' 20"  |
| 3052 | 682105.23 | 3374822.84 | 65.44  | 207° 37' 12" |
| 3053 | 682047.25 | 3374792.5  | 94.69  | 208° 13' 45" |
| 3054 | 681963.83 | 3374747.72 | 126.75 | 208° 27' 47" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 3055 | 681852.4  | 3374687.31 | 234.05    | 198° 57' 18" |
| 3056 | 681631.04 | 3374611.28 | 205.9     | 218° 23' 56" |
| 3057 | 681469.67 | 3374483.39 | 51.51     | 207° 37' 8"  |
| 3058 | 681424.03 | 3374459.51 | 197.2     | 208° 53' 14" |
| 3059 | 681251.36 | 3374364.25 | 188.89    | 208° 33' 53" |
| 3060 | 681085.47 | 3374273.93 | 156.22    | 208° 10' 46" |
| 3061 | 680947.77 | 3374200.16 | 100,00    | 208° 6' 9"   |
| 3062 | 680859.56 | 3374153.05 | 200.01    | 208° 35' 3"  |
| 3063 | 680683.93 | 3374057.36 | 257.29    | 208° 33' 50" |
| 3064 | 680457.95 | 3373934.34 | 0.22      | 180° 0' 0"   |
| 3065 | 680457.73 | 3373934.34 | 0.12      | 270° 0' 0"   |
| 3066 | 680457.73 | 3373934.22 | 55.01     | 208° 21' 48" |
| 3067 | 680409.32 | 3373908.08 | 29.99     | 208° 11' 47" |
| 3068 | 680382.89 | 3373893.91 | 169.99    | 208° 2' 59"  |
| 3069 | 680232.87 | 3373813.98 | 138.29    | 207° 16' 20" |
| 3070 | 680109.96 | 3373750.61 | 47.28     | 211° 21' 57" |
| 3071 | 680069.58 | 3373726    | 43 046,00 | 211° 21' 28" |
| 3072 | 680063.51 | 3373722.3  | 42 868,00 | 217° 49' 0"  |
| 3073 | 680053.2  | 3373714.3  | 179.52    | 222° 43' 20" |
| 3074 | 679921.32 | 3373592.51 | 146.7     | 222° 17' 50" |
| 3075 | 679812.81 | 3373493.78 | 181.49    | 222° 6' 20"  |
| 3076 | 679678.16 | 3373372.09 | 206.73    | 221° 50' 1"  |
| 3077 | 679524.13 | 3373234.21 | 208.78    | 222° 28' 41" |
| 3078 | 679370.15 | 3373093.23 | 194.55    | 222° 0' 18"  |
| 3079 | 679225.59 | 3372963.04 | 162.2     | 221° 51' 16" |
| 3080 | 679104.77 | 3372854.81 | 40,00     | 222° 2' 33"  |
| 3081 | 679075.06 | 3372828.02 | 241.92    | 222° 26' 23" |
| 3082 | 678896.53 | 3372664.77 | 154.57    | 222° 52' 9"  |
| 3083 | 678783.24 | 3372559.61 | 138.93    | 222° 13' 10" |
| 3084 | 678680.36 | 3372466.26 | 18.27     | 312° 11' 25" |
| 3085 | 678692.62 | 3372452.72 | 114.22    | 222° 11' 25" |
| 3086 | 678608    | 3372376.01 | 17.92     | 131° 55' 41" |
| 3087 | 678596.02 | 3372389.34 | 106.58    | 222° 23' 20" |
| 3088 | 678517.3  | 3372317.49 | 321.28    | 222° 3' 5"   |
| 3089 | 678278.74 | 3372102.3  | 94.54     | 210° 26' 24" |
| 3090 | 678197.23 | 3372054.4  | 202.3     | 222° 14' 51" |
| 3091 | 678047.48 | 3371918.39 | 41.46     | 312° 21' 32" |
| 3092 | 678075.41 | 3371887.75 | 8,00      | 222° 21' 32" |
| 3093 | 678069.5  | 3371882.36 | 41.47     | 132° 21' 32" |
| 3094 | 678041.56 | 3371913.01 | 20.36     | 222° 14' 51" |
| 3095 | 678026.48 | 3371899.32 | 16.55     | 312° 14' 45" |
| 3096 | 678037.61 | 3371887.07 | 195.1     | 222° 14' 45" |
| 3097 | 677893.19 | 3371755.9  | 16.55     | 132° 14' 51" |
| 3098 | 677882.06 | 3371768.15 | 206.9     | 222° 14' 51" |
| 3099 | 677728.9  | 3371629.04 | 42 903,00 | 222° 14' 51" |
| 3100 | 677715.88 | 3371617.21 | 123.22    | 222° 14' 51" |
| 3101 | 677624.66 | 3371534.36 | 103.53    | 231° 53' 2"  |
| 3102 | 677560.76 | 3371452.91 | 36 008,00 | 221° 17' 27" |
| 3103 | 677554.01 | 3371446.99 | 41.58     | 226° 50' 19" |
| 3104 | 677525.57 | 3371416.66 | 15.84     | 230° 38' 23" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 3105 | 677515.52 | 3371404.41 | 205.5     | 215° 56' 53" |
| 3106 | 677349.16 | 3371283.77 | 78.82     | 317° 40' 37" |
| 3107 | 677407.44 | 3371230.7  | 8,00      | 227° 40' 37" |
| 3108 | 677402.05 | 3371224.79 | 66.88     | 137° 40' 37" |
| 3109 | 677352.6  | 3371269.82 | 105.51    | 216° 24' 33" |
| 3110 | 677267.68 | 3371207.19 | 42 960,00 | 125° 47' 34" |
| 3111 | 677260.03 | 3371217.81 | 42 814,00 | 217° 7' 47"  |
| 3112 | 677243.84 | 3371205.55 | 18.51     | 216° 2' 2"   |
| 3113 | 677228.88 | 3371194.66 | 15.78     | 215° 32' 38" |
| 3114 | 677216.04 | 3371185.49 | 48.1      | 215° 51' 11" |
| 3115 | 677177.05 | 3371157.32 | 43 053,00 | 210° 9' 23"  |
| 3116 | 677164.85 | 3371150.23 | 150.94    | 216° 2' 48"  |
| 3117 | 677042.81 | 3371061.41 | 108.85    | 215° 24' 42" |
| 3118 | 676954.1  | 3370998.34 | 249,00    | 216° 18' 53" |
| 3119 | 676753.46 | 3370850.87 | 417.62    | 215° 51' 35" |
| 3120 | 676414.99 | 3370606.23 | 274.18    | 216° 12' 23" |
| 3121 | 676193.76 | 3370444.27 | 198.72    | 216° 9' 47"  |
| 3122 | 676033.32 | 3370327.01 | 158.37    | 215° 52' 7"  |
| 3123 | 675904.98 | 3370234.21 | 281.5     | 215° 48' 24" |
| 3124 | 675676.69 | 3370069.52 | 149.92    | 215° 53' 11" |
| 3125 | 675555.23 | 3369981.64 | 262.84    | 215° 51' 27" |
| 3126 | 675342.2  | 3369827.68 | 211.22    | 216° 6' 47"  |
| 3127 | 675171.56 | 3369703.19 | 205.04    | 216° 27' 18" |
| 3128 | 675006.65 | 3369581.36 | 189.44    | 215° 58' 21" |
| 3129 | 674853.33 | 3369470.08 | 188.67    | 216° 3' 53"  |
| 3130 | 674700.82 | 3369359.01 | 152.88    | 215° 59' 10" |
| 3131 | 674577.12 | 3369269.18 | 149.83    | 215° 58' 49" |
| 3132 | 674455.87 | 3369181.15 | 160.04    | 215° 58' 55" |
| 3133 | 674326.36 | 3369087.12 | 230.03    | 215° 59' 24" |
| 3134 | 674140.24 | 3368951.95 | 119.62    | 215° 57' 47" |
| 3135 | 674043.42 | 3368881.7  | 207.16    | 215° 58' 9"  |
| 3136 | 673875.76 | 3368760.03 | 155.9     | 215° 24' 49" |
| 3137 | 673748.7  | 3368669.68 | 247.92    | 215° 55' 18" |
| 3138 | 673547.94 | 3368524.24 | 153.53    | 216° 3' 37"  |
| 3139 | 673423.82 | 3368433.86 | 266.87    | 216° 8' 54"  |
| 3140 | 673208.33 | 3368276.44 | 121.1     | 216° 32' 50" |
| 3141 | 673111.04 | 3368204.33 | 187.97    | 215° 14' 58" |
| 3142 | 672957.54 | 3368095.85 | 40.88     | 217° 24' 25" |
| 3143 | 672925.06 | 3368071.01 | 213.93    | 216° 2' 49"  |
| 3144 | 672752.1  | 3367945.13 | 182.25    | 215° 51' 49" |
| 3145 | 672604.4  | 3367838.36 | 388.54    | 215° 48' 0"  |
| 3146 | 672289.27 | 3367611.08 | 287.39    | 198° 59' 51" |
| 3147 | 672017.54 | 3367517.53 | 236.09    | 198° 45' 27" |
| 3148 | 671793.99 | 3367441.61 | 130.86    | 199° 19' 21" |
| 3149 | 671670.5  | 3367398.31 | 89.64     | 198° 22' 55" |
| 3150 | 671585.44 | 3367370.04 | 204.36    | 199° 17' 47" |
| 3151 | 671392.56 | 3367302.51 | 187.96    | 198° 56' 55" |
| 3152 | 671214.78 | 3367241.48 | 323.4     | 198° 43' 43" |
| 3153 | 670908.51 | 3367137.64 | 147.73    | 199° 11' 5"  |
| 3154 | 670768.98 | 3367089.09 | 243.66    | 199° 0' 15"  |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 3155 | 670538.6  | 3367009.74 | 101.03    | 198° 56' 23" |
| 3156 | 670443.03 | 3366976.95 | 245.27    | 198° 42' 31" |
| 3157 | 670210.72 | 3366898.28 | 65.94     | 199° 1' 49"  |
| 3158 | 670148.38 | 3366876.78 | 189.98    | 199° 26' 28" |
| 3159 | 669969.23 | 3366813.55 | 451.24    | 198° 47' 7"  |
| 3160 | 669542.04 | 3366668.24 | 85.88     | 199° 7' 22"  |
| 3161 | 669460.9  | 3366640.1  | 299.7     | 199° 7' 22"  |
| 3162 | 669177.73 | 3366541.92 | 143.32    | 199° 59' 33" |
| 3163 | 669043.05 | 3366492.92 | 167.64    | 197° 54' 14" |
| 3164 | 668883.53 | 3366441.39 | 286.67    | 198° 47' 1"  |
| 3165 | 668612.12 | 3366349.08 | 450.92    | 199° 7' 50"  |
| 3166 | 668186.11 | 3366201.31 | 223.77    | 198° 20' 36" |
| 3167 | 667973.7  | 3366130.88 | 102.84    | 198° 48' 21" |
| 3168 | 667876.35 | 3366097.73 | 123.97    | 199° 11' 35" |
| 3169 | 667759.27 | 3366056.97 | 222.28    | 198° 58' 58" |
| 3170 | 667549.08 | 3365984.67 | 345.23    | 199° 2' 27"  |
| 3171 | 667222.73 | 3365872.04 | 206.27    | 198° 56' 22" |
| 3172 | 667027.63 | 3365805.09 | 131.31    | 199° 46' 27" |
| 3173 | 666904.07 | 3365760.67 | 190.15    | 204° 50' 32" |
| 3174 | 666731.51 | 3365680.78 | 275.68    | 206° 36' 22" |
| 3175 | 666485.03 | 3365557.32 | 168.59    | 205° 23' 20" |
| 3176 | 666332.72 | 3365485.03 | 46 722,00 | 294° 35' 34" |
| 3177 | 666337.82 | 3365473.88 | 312.76    | 205° 56' 4"  |
| 3178 | 666056.56 | 3365337.09 | 25 173,00 | 117° 4' 30"  |
| 3179 | 666050.79 | 3365348.38 | 146.15    | 206° 5' 34"  |
| 3180 | 665919.53 | 3365284.1  | 87.27     | 205° 55' 49" |
| 3181 | 665841.05 | 3365245.94 | 170.66    | 205° 56' 16" |
| 3182 | 665687.57 | 3365171.29 | 291.12    | 206° 7' 55"  |
| 3183 | 665426.21 | 3365043.07 | 802.78    | 222° 34' 10" |
| 3184 | 664834.99 | 3364500    | 148.54    | 147° 9' 45"  |
| 3185 | 664710.19 | 3364580.55 | 42 955,00 | 239° 19' 19" |
| 3186 | 664705.7  | 3364572.98 | 329.91    | 147° 9' 45"  |
| 3187 | 664428.5  | 3364751.88 | 29 068,00 | 57° 9' 45"   |
| 3188 | 664433.27 | 3364759.26 | 73.11     | 147° 9' 45"  |
| 3189 | 664371.84 | 3364798.91 | 42 825,00 | 168° 30' 11" |
| 3190 | 664341.17 | 3364805.15 | 42 825,00 | 211° 11' 4"  |
| 3191 | 664314.4  | 3364788.94 | 86.41     | 232° 31' 30" |
| 3192 | 664261.83 | 3364720.37 | 42 834,00 | 322° 31' 31" |
| 3193 | 664269.29 | 3364714.64 | 366.71    | 232° 31' 30" |
| 3194 | 664046.18 | 3364423.61 | 42 834,00 | 142° 31' 31" |
| 3195 | 664038.71 | 3364429.33 | 96.35     | 232° 31' 30" |
| 3196 | 663980.09 | 3364352.87 | 674.18    | 183° 53' 45" |
| 3197 | 663307.47 | 3364307.06 | 282.42    | 179° 21' 50" |
| 3198 | 663025.07 | 3364310.2  | 52.46     | 179° 21' 50" |
| 3199 | 662972.62 | 3364310.78 | 261.76    | 179° 21' 50" |
| 3200 | 662710.87 | 3364313.69 | 240.87    | 185° 6' 35"  |
| 3201 | 662470.96 | 3364292.23 | 15 646,00 | 192° 44' 21" |
| 3202 | 662459.82 | 3364289.71 | 15 646,00 | 207° 59' 54" |
| 3203 | 662449.74 | 3364284.35 | 58.53     | 215° 38' 57" |
| 3204 | 662402.18 | 3364250.24 | 42 875,00 | 215° 38' 57" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 3205 | 662385.89 | 3364238.56 | 371.7     | 215° 38' 57" |
| 3206 | 662083.85 | 3364021.93 | 296.73    | 180° 49' 18" |
| 3207 | 661787.14 | 3364017.67 | 42 923,00 | 185° 32' 8"  |
| 3208 | 661780.11 | 3364016.99 | 42 923,00 | 194° 57' 49" |
| 3209 | 661773.28 | 3364015.16 | 142.2     | 199° 40' 39" |
| 3210 | 661639.38 | 3363967.28 | 3132.19   | 187° 6' 41"  |
| 3211 | 658531.29 | 3363579.53 | 105.6     | 171° 27' 14" |
| 3212 | 658426.86 | 3363595.22 | 44 470,00 | 178° 16' 31" |
| 3213 | 658416.65 | 3363595.53 | 44 470,00 | 191° 55' 4"  |
| 3214 | 658406.66 | 3363593.42 | 145.32    | 198° 44' 21" |
| 3215 | 658269.04 | 3363546.73 | 1507.85   | 187° 7' 10"  |
| 3216 | 656772.81 | 3363359.85 | 19 603,00 | 193° 28' 43" |
| 3217 | 656763.55 | 3363357.63 | 19 603,00 | 206° 11' 51" |
| 3218 | 656755    | 3363353.43 | 260.35    | 212° 33' 25" |
| 3219 | 656535.56 | 3363213.32 | 480.75    | 170° 28' 5"  |
| 3220 | 656061.45 | 3363292.93 | 147.36    | 187° 13' 7"  |
| 3221 | 655915.26 | 3363274.42 | 42 851,00 | 187° 13' 15" |
| 3222 | 655889.07 | 3363271.1  | 197.35    | 280° 2' 58"  |
| 3223 | 655923.5  | 3363076.78 | 277.96    | 307° 18' 45" |
| 3224 | 656091.99 | 3362855.7  | 16.75     | 278° 17' 50" |
| 3225 | 656094.41 | 3362839.13 | 18.96     | 278° 17' 50" |
| 3226 | 656097.15 | 3362820.36 | 42.03     | 278° 17' 50" |
| 3227 | 656103.21 | 3362778.78 | 36.79     | 233° 44' 6"  |
| 3228 | 656081.45 | 3362749.11 | 8,00      | 143° 44' 6"  |
| 3229 | 656075    | 3362753.84 | 33.51     | 53° 44' 6"   |
| 3230 | 656094.82 | 3362780.86 | 37.57     | 98° 17' 50"  |
| 3231 | 656089.4  | 3362818.04 | 17.82     | 98° 17' 50"  |
| 3232 | 656086.83 | 3362835.67 | 42 752,00 | 98° 17' 50"  |
| 3233 | 656084.37 | 3362852.5  | 277.83    | 127° 18' 45" |
| 3234 | 655915.96 | 3363073.47 | 199.68    | 100° 2' 58"  |
| 3235 | 655881.12 | 3363270.09 | 261.39    | 187° 13' 8"  |
| 3236 | 655621.8  | 3363237.25 | 24.64     | 277° 19' 33" |
| 3237 | 655624.94 | 3363212.81 | 58.62     | 187° 13' 26" |
| 3238 | 655566.78 | 3363205.44 | 27 912,00 | 277° 12' 55" |
| 3239 | 655567.63 | 3363198.73 | 48.92     | 187° 12' 55" |
| 3240 | 655519.1  | 3363192.59 | 31.4      | 97° 12' 55"  |
| 3241 | 655515.16 | 3363223.74 | 813.2     | 187° 12' 5"  |
| 3242 | 654708.37 | 3363121.81 | 43 072,00 | 277° 11' 28" |
| 3243 | 654708.76 | 3363118.71 | 277.47    | 187° 11' 32" |
| 3244 | 654433.47 | 3363083.97 | 43 072,00 | 97° 10' 58"  |
| 3245 | 654433.08 | 3363087.07 | 1417.77   | 187° 9' 23"  |
| 3246 | 653026.36 | 3362910.44 | 12 451,00 | 277° 6' 48"  |
| 3247 | 653026.65 | 3362908.12 | 121.4     | 187° 6' 30"  |
| 3248 | 652906.18 | 3362893.1  | 12 086,00 | 96° 11' 8"   |
| 3249 | 652905.92 | 3362895.42 | 355.13    | 187° 6' 12"  |
| 3250 | 652553.52 | 3362851.5  | 42 966,00 | 199° 55' 13" |
| 3251 | 652535.58 | 3362845    | 42 966,00 | 225° 33' 12" |
| 3252 | 652522.22 | 3362831.38 | 1769.02   | 238° 19' 59" |
| 3253 | 651593.52 | 3361325.75 | 139.82    | 205° 49' 28" |
| 3254 | 651467.65 | 3361264.84 | 35 612,00 | 206° 2' 8"   |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 3255 | 651460.5  | 3361261.34 | 98,00     | 206° 13' 13" |
| 3256 | 651372.58 | 3361218.04 | 25.22     | 223° 17' 59" |
| 3257 | 651354.22 | 3361200.74 | 25.22     | 257° 24' 38" |
| 3258 | 651348.72 | 3361176.12 | 223.55    | 274° 27' 58" |
| 3259 | 651366.13 | 3360953.26 | 1803.77   | 238° 23' 7"  |
| 3260 | 650420.59 | 3359417.17 | 13 881,00 | 328° 23' 2"  |
| 3261 | 650421.76 | 3359416.45 | 128.84    | 238° 23' 16" |
| 3262 | 650354.23 | 3359306.73 | 13 881,00 | 148° 23' 25" |
| 3263 | 650353.05 | 3359307.46 | 2588.32   | 238° 22' 6"  |
| 3264 | 648995.59 | 3357103.66 | 20 790,00 | 246° 43' 36" |
| 3265 | 648990.63 | 3357092.12 | 2532.33   | 255° 7' 38"  |
| 3266 | 648340.64 | 3354644.63 | 3646.47   | 232° 33' 25" |
| 3267 | 646123.69 | 3351749.48 | 3646.47   | 232° 34' 35" |
| 3268 | 643907.71 | 3348853.58 | 42 833,00 | 238° 36' 50" |
| 3269 | 643903.34 | 3348846.41 | 27 242,00 | 250° 3' 4"   |
| 3270 | 643900.36 | 3348838.2  | 891.49    | 255° 52' 26" |
| 3271 | 643682.78 | 3347973.66 | 103.12    | 235° 51' 42" |
| 3272 | 643624.91 | 3347888.32 | 135.4     | 20° 7' 3"    |
| 3273 | 643752.05 | 3347934.89 | 26 634,00 | 286° 39' 35" |
| 3274 | 643755.7  | 3347922.7  | 75.12     | 15° 31' 5"   |
| 3275 | 643828.08 | 3347942.8  | 36 342,00 | 286° 9' 25"  |
| 3276 | 643830.3  | 3347935.12 | 236.49    | 198° 26' 0"  |
| 3277 | 643605.95 | 3347860.34 | 1526.74   | 247° 20' 55" |
| 3278 | 643017.96 | 3346451.36 | 49.25     | 285° 55' 1"  |
| 3279 | 643031.47 | 3346404    | 97.32     | 228° 57' 26" |
| 3280 | 642967.57 | 3346330.6  | 367.35    | 247° 20' 55" |
| 3281 | 642826.09 | 3345991.59 | 2031.05   | 247° 23' 1"  |
| 3282 | 642045.03 | 3344116.72 | 33.62     | 337° 26' 3"  |
| 3283 | 642076.08 | 3344103.82 | 64.18     | 68° 1' 22"   |
| 3284 | 642100.1  | 3344163.34 | 130.03    | 66° 29' 39"  |
| 3285 | 642151.96 | 3344282.58 | 35.63     | 73° 36' 49"  |
| 3286 | 642162.01 | 3344316.77 | 29.78     | 73° 11' 37"  |
| 3287 | 642170.62 | 3344345.27 | 23.16     | 69° 49' 55"  |
| 3288 | 642178.61 | 3344367.01 | 16.61     | 60° 35' 36"  |
| 3289 | 642186.76 | 3344381.48 | 25.75     | 59° 2' 16"   |
| 3290 | 642200.01 | 3344403.56 | 45 231,00 | 49° 47' 56"  |
| 3291 | 642207.26 | 3344412.14 | 19.53     | 54° 56' 18"  |
| 3292 | 642218.48 | 3344428.12 | 23.52     | 44° 26' 45"  |
| 3293 | 642235.27 | 3344444.59 | 28.74     | 32° 54' 53"  |
| 3294 | 642259.39 | 3344460.21 | 27.66     | 21° 22' 58"  |
| 3295 | 642285.15 | 3344470.29 | 23.96     | 10° 16' 25"  |
| 3296 | 642308.73 | 3344474.57 | 26 177,00 | 1° 57' 4"    |
| 3297 | 642318.43 | 3344474.9  | 25,00     | 355° 47' 51" |
| 3298 | 642343.36 | 3344473.06 | 26 634,00 | 349° 37' 46" |
| 3299 | 642355.87 | 3344470.77 | 78.08     | 341° 7' 50"  |
| 3300 | 642429.75 | 3344445.52 | 142.5     | 341° 3' 48"  |
| 3301 | 642564.54 | 3344399.28 | 139.88    | 340° 35' 54" |
| 3302 | 642696.48 | 3344352.81 | 20.74     | 356° 10' 56" |
| 3303 | 642717.17 | 3344351.43 | 60.23     | 337° 39' 1"  |
| 3304 | 642772.87 | 3344328.53 | 49.47     | 340° 20' 15" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 3305 | 642819.46 | 3344311.88 | 20.53     | 345° 58' 28" |
| 3306 | 642839.38 | 3344306.91 | 12 479,00 | 333° 51' 58" |
| 3307 | 642842.37 | 3344305.44 | 37.1      | 42° 55' 16"  |
| 3308 | 642869.54 | 3344330.7  | 78.74     | 254° 10' 24" |
| 3309 | 642848.06 | 3344254.95 | 42 943,00 | 108° 20' 48" |
| 3310 | 642839.35 | 3344281.24 | 29.32     | 150° 36' 47" |
| 3311 | 642813.8  | 3344295.63 | 18.89     | 161° 57' 6"  |
| 3312 | 642795.83 | 3344301.48 | 42 831,00 | 177° 52' 57" |
| 3313 | 642789.8  | 3344301.71 | 47.43     | 290° 19' 22" |
| 3314 | 642806.27 | 3344257.23 | 19 876,00 | 198° 30' 9"  |
| 3315 | 642800.07 | 3344255.15 | 49.61     | 108° 30' 9"  |
| 3316 | 642784.33 | 3344302.2  | 69.64     | 160° 51' 13" |
| 3317 | 642718.54 | 3344325.04 | 30.22     | 152° 10' 16" |
| 3318 | 642691.81 | 3344339.15 | 279.81    | 161° 0' 42"  |
| 3319 | 642427.23 | 3344430.19 | 42 804,00 | 174° 44' 55" |
| 3320 | 642416.97 | 3344431.13 | 20.25     | 160° 19' 45" |
| 3321 | 642397.9  | 3344437.95 | 36.14     | 157° 1' 5"   |
| 3322 | 642364.63 | 3344452.06 | 29.46     | 164° 58' 47" |
| 3323 | 642336.17 | 3344459.7  | 26.15     | 179° 41' 41" |
| 3324 | 642310.02 | 3344459.84 | 42 973,00 | 191° 17' 27" |
| 3325 | 642284.44 | 3344454.73 | 26.23     | 203° 1' 7"   |
| 3326 | 642260.31 | 3344444.47 | 21.25     | 214° 21' 6"  |
| 3327 | 642242.77 | 3344432.49 | 21.92     | 225° 18' 57" |
| 3328 | 642227.35 | 3344416.9  | 23.64     | 236° 8' 50"  |
| 3329 | 642214.18 | 3344397.26 | 22.77     | 252° 47' 39" |
| 3330 | 642207.44 | 3344375.52 | 42.35     | 254° 42' 8"  |
| 3331 | 642196.27 | 3344334.67 | 55.53     | 241° 10' 15" |
| 3332 | 642169.49 | 3344286.02 | 204.1     | 247° 32' 37" |
| 3333 | 642091.53 | 3344097.4  | 42 901,00 | 337° 26' 3"  |
| 3334 | 642105.44 | 3344091.62 | 104.8     | 247° 26' 7"  |
| 3335 | 642065.23 | 3343994.84 | 56.92     | 157° 26' 3"  |
| 3336 | 642012.66 | 3344016.69 | 42 884,00 | 247° 26' 2"  |
| 3337 | 642001.52 | 3343989.86 | 18 111,00 | 157° 26' 2"  |
| 3338 | 641993.67 | 3343993.12 | 638.14    | 247° 26' 30" |
| 3339 | 641748.87 | 3343403.8  | 1012.83   | 235° 51' 15" |
| 3340 | 641180.36 | 3342565.57 | 829.39    | 235° 50' 18" |
| 3341 | 640714.64 | 3341879.28 | 828.6     | 235° 51' 25" |
| 3342 | 640249.58 | 3341193.51 | 152.03    | 229° 27' 30" |
| 3343 | 640150.76 | 3341077.97 | 91.35     | 246° 54' 38" |
| 3344 | 640114.93 | 3340993.94 | 444.55    | 235° 50' 32" |
| 3345 | 639865.33 | 3340626.07 | 2612.11   | 239° 55' 41" |
| 3346 | 638556.43 | 3338365.56 | 1474.93   | 239° 46' 38" |
| 3347 | 637814.01 | 3337091.11 | 200.2     | 245° 44' 50" |
| 3348 | 637731.78 | 3336908.58 | 42 923,00 | 223° 25' 39" |
| 3349 | 637726.19 | 3336903.29 | 577.73    | 245° 53' 21" |
| 3350 | 637490.18 | 3336375.96 | 543.98    | 245° 29' 57" |
| 3351 | 637264.59 | 3335880.96 | 598.22    | 245° 39' 58" |
| 3352 | 637018.1  | 3335335.89 | 281.77    | 246° 11' 23" |
| 3353 | 636904.34 | 3335078.1  | 484.04    | 245° 44' 30" |
| 3354 | 636705.47 | 3334636.8  | 354.38    | 245° 18' 12" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 3355 | 636557.41 | 3334314.84 | 101.13    | 243° 10' 37" |
| 3356 | 636511.77 | 3334224.59 | 155.22    | 239° 44' 59" |
| 3357 | 636433.58 | 3334090.5  | 847.64    | 238° 46' 32" |
| 3358 | 635994.17 | 3333365.65 | 76.86     | 237° 30' 5"  |
| 3359 | 635952.88 | 3333300.83 | 41.67     | 241° 24' 55" |
| 3360 | 635932.94 | 3333264.24 | 692.37    | 238° 42' 31" |
| 3361 | 635573.33 | 3332672.58 | 593.78    | 239° 15' 33" |
| 3362 | 635269.81 | 3332162.23 | 325.83    | 238° 31' 21" |
| 3363 | 635099.68 | 3331884.35 | 25.65     | 235° 14' 43" |
| 3364 | 635085.05 | 3331863.27 | 198.98    | 226° 2' 55"  |
| 3365 | 634946.96 | 3331720.02 | 42 897,00 | 313° 38' 22" |
| 3366 | 634954.96 | 3331711.63 | 34 851,00 | 223° 48' 27" |
| 3367 | 634949.94 | 3331706.82 | 12 724,00 | 132° 33' 41" |
| 3368 | 634942.27 | 3331715.17 | 533.45    | 226° 2' 46"  |
| 3369 | 634572.02 | 3331331.14 | 27 760,00 | 310° 26' 41" |
| 3370 | 634573.16 | 3331329.8  | 42 893,00 | 225° 27' 7"  |
| 3371 | 634568.21 | 3331324.76 | 24 838,00 | 135° 34' 2"  |
| 3372 | 634567.01 | 3331325.94 | 90.47     | 226° 2' 44"  |
| 3373 | 634504.21 | 3331260.81 | 20 880,00 | 315° 16' 6"  |
| 3374 | 634506.75 | 3331258.3  | 42 895,00 | 225° 22' 8"  |
| 3375 | 634500.39 | 3331251.85 | 17 227,00 | 138° 25' 45" |
| 3376 | 634497.79 | 3331254.15 | 222.22    | 226° 2' 48"  |
| 3377 | 634343.56 | 3331094.17 | 75.8      | 253° 35' 54" |
| 3378 | 634322.15 | 3331021.46 | 243.61    | 247° 29' 30" |
| 3379 | 634228.89 | 3330796.41 | 250.01    | 247° 51' 21" |
| 3380 | 634134.66 | 3330564.84 | 63.58     | 248° 29' 36" |
| 3381 | 634111.35 | 3330505.68 | 0.17      | 180° 0' 0"   |
| 3382 | 634111.18 | 3330505.68 | 0.42      | 270° 0' 0"   |
| 3383 | 634111.18 | 3330505.26 | 34 820,00 | 248° 29' 36" |
| 3384 | 634109    | 3330499.72 | 292.26    | 247° 21' 27" |
| 3385 | 633996.48 | 3330229.99 | 199.62    | 248° 33' 27" |
| 3386 | 633923.51 | 3330044.19 | 261.89    | 247° 51' 0"  |
| 3387 | 633824.77 | 3329801.63 | 153.65    | 247° 49' 33" |
| 3388 | 633766.78 | 3329659.34 | 131.68    | 248° 8' 37"  |
| 3389 | 633717.75 | 3329537.12 | 345.75    | 247° 36' 21" |
| 3390 | 633586.03 | 3329217.45 | 305.77    | 247° 52' 58" |
| 3391 | 633470.91 | 3328934.18 | 41 426,00 | 338° 30' 17" |
| 3392 | 633476.62 | 3328931.93 | 201.46    | 247° 54' 38" |
| 3393 | 633400.86 | 3328745.27 | 46 204,00 | 160° 32' 25" |
| 3394 | 633394.01 | 3328747.68 | 69.95     | 250° 49' 31" |
| 3395 | 633371.04 | 3328681.62 | 36.62     | 242° 29' 2"  |
| 3396 | 633354.12 | 3328649.14 | 63.03     | 226° 1' 44"  |
| 3397 | 633310.36 | 3328603.78 | 185.8     | 227° 26' 29" |
| 3398 | 633184.7  | 3328466.92 | 182.48    | 225° 39' 45" |
| 3399 | 633057.17 | 3328336.41 | 231.73    | 226° 52' 1"  |
| 3400 | 632898.74 | 3328167.3  | 183.86    | 226° 27' 53" |
| 3401 | 632772.09 | 3328034.01 | 42.58     | 226° 45' 40" |
| 3402 | 632742.92 | 3328002.99 | 0.6       | 180° 0' 0"   |
| 3403 | 632742.32 | 3328002.99 | 0.64      | 270° 0' 0"   |
| 3404 | 632742.32 | 3328002.35 | 161.42    | 226° 45' 40" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 3405 | 632631.74 | 3327884.76 | 250,00    | 227° 52' 10" |
| 3406 | 632464.04 | 3327699.35 | 49.96     | 226° 57' 8"  |
| 3407 | 632429.93 | 3327662.84 | 77.97     | 225° 17' 48" |
| 3408 | 632375.09 | 3327607.43 | 21.47     | 206° 41' 13" |
| 3409 | 632355.91 | 3327597.78 | 111.2     | 199° 51' 59" |
| 3410 | 632251.32 | 3327560    | 28 642,00 | 290° 47' 23" |
| 3411 | 632253.73 | 3327553.66 | 36.52     | 199° 28' 23" |
| 3412 | 632219.3  | 3327541.48 | 19 511,00 | 107° 38' 51" |
| 3413 | 632217.32 | 3327547.71 | 32.13     | 199° 51' 59" |
| 3414 | 632187.1  | 3327536.79 | 20 394,00 | 322° 56' 32" |
| 3415 | 632196.32 | 3327529.83 | 64.43     | 199° 24' 15" |
| 3416 | 632135.55 | 3327508.43 | 24 442,00 | 66° 9' 22"   |
| 3417 | 632140.67 | 3327520.01 | 58.17     | 199° 51' 59" |
| 3418 | 632085.96 | 3327500.25 | 64.31     | 199° 51' 23" |
| 3419 | 632025.48 | 3327478.4  | 129.3     | 199° 26' 4"  |
| 3420 | 631903.54 | 3327435.38 | 76.64     | 198° 59' 20" |
| 3421 | 631831.07 | 3327410.44 | 160.58    | 182° 34' 16" |
| 3422 | 631670.65 | 3327403.24 | 495.16    | 204° 45' 22" |
| 3423 | 631221    | 3327195.88 | 267.13    | 125° 5' 26"  |
| 3424 | 631067.43 | 3327414.46 | 111.26    | 125° 6' 31"  |
| 3425 | 631003.44 | 3327505.48 | 770.94    | 125° 8' 23"  |
| 3426 | 630559.71 | 3328135.91 | 20.51     | 138° 56' 7"  |
| 3427 | 630544.25 | 3328149.38 | 20.51     | 166° 31' 31" |
| 3428 | 630524.31 | 3328154.16 | 1080.4    | 180° 19' 13" |
| 3429 | 629443.92 | 3328148.12 | 19 603,00 | 186° 40' 48" |
| 3430 | 629434.46 | 3328147.01 | 19 603,00 | 199° 23' 59" |
| 3431 | 629425.47 | 3328143.85 | 997.1     | 205° 45' 34" |
| 3432 | 628527.46 | 3327710.52 | 64.92     | 295° 45' 34" |
| 3433 | 628555.67 | 3327652.05 | 102.84    | 205° 52' 52" |
| 3434 | 628463.15 | 3327607.16 | 41.17     | 115° 52' 52" |
| 3435 | 628445.18 | 3327644.2  | 47.56     | 206° 5' 22"  |
| 3436 | 628402.46 | 3327623.28 | 42.77     | 175° 53' 12" |
| 3437 | 628359.8  | 3327626.35 | 29 768,00 | 205° 45' 34" |
| 3438 | 628352.77 | 3327622.95 | 14.37     | 198° 17' 6"  |
| 3439 | 628339.12 | 3327618.44 | 14.37     | 183° 20' 11" |
| 3440 | 628324.77 | 3327617.61 | 88.34     | 175° 51' 43" |
| 3441 | 628236.66 | 3327623.98 | 38.25     | 183° 27' 17" |
| 3442 | 628198.48 | 3327621.68 | 38.25     | 198° 38' 26" |
| 3443 | 628162.23 | 3327609.45 | 377.09    | 206° 14' 4"  |
| 3444 | 627823.99 | 3327442.76 | 28.16     | 224° 34' 32" |
| 3445 | 627803.93 | 3327423    | 28.16     | 261° 15' 19" |
| 3446 | 627799.64 | 3327395.16 | 66.55     | 279° 35' 43" |
| 3447 | 627810.74 | 3327329.55 | 13.63     | 268° 32' 8"  |
| 3448 | 627810.39 | 3327315.92 | 13.63     | 246° 4' 7"   |
| 3449 | 627804.86 | 3327303.46 | 13.63     | 223° 56' 50" |
| 3450 | 627795.04 | 3327294    | 13.63     | 201° 29' 3"  |
| 3451 | 627782.36 | 3327289    | 37.89     | 190° 25' 21" |
| 3452 | 627745.09 | 3327282.15 | 42 895,00 | 212° 36' 19" |
| 3453 | 627737.45 | 3327277.26 | 28 672,00 | 256° 58' 15" |
| 3454 | 627735.7  | 3327269.69 | 22.54     | 96° 54' 15"  |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 3455 | 627732.99 | 3327292.07 | 13 606,00 | 80° 30' 43"  |
| 3456 | 627733.71 | 3327296.38 | 32 051,00 | 339° 41' 22" |
| 3457 | 627743.91 | 3327292.61 | 37.16     | 10° 25' 21"  |
| 3458 | 627780.46 | 3327299.33 | 18.78     | 32° 42' 57"  |
| 3459 | 627796.26 | 3327309.48 | 18.78     | 77° 18' 8"   |
| 3460 | 627800.38 | 3327327.8  | 66.55     | 99° 35' 43"  |
| 3461 | 627789.29 | 3327393.41 | 17.66     | 91° 25' 24"  |
| 3462 | 627788.85 | 3327411.07 | 17.66     | 71° 5' 15"   |
| 3463 | 627794.58 | 3327427.78 | 19.47     | 63° 22' 13"  |
| 3464 | 627803.3  | 3327445.18 | 57.62     | 206° 13' 47" |
| 3465 | 627751.61 | 3327419.71 | 99.89     | 293° 11' 8"  |
| 3466 | 627790.94 | 3327327.89 | 8,00      | 203° 11' 8"  |
| 3467 | 627783.59 | 3327324.74 | 99.46     | 113° 11' 8"  |
| 3468 | 627744.43 | 3327416.17 | 47.95     | 206° 13' 36" |
| 3469 | 627701.41 | 3327394.98 | 30 348,00 | 164° 32' 29" |
| 3470 | 627698.69 | 3327395.73 | 317.02    | 206° 13' 29" |
| 3471 | 627414.29 | 3327255.64 | 4377.51   | 196° 55' 40" |
| 3472 | 623226.46 | 3325981.06 | 182.71    | 181° 41' 29" |
| 3473 | 623043.83 | 3325975.66 | 163.14    | 171° 28' 2"  |
| 3474 | 622882.5  | 3325999.87 | 244.03    | 171° 16' 31" |
| 3475 | 622641.29 | 3326036.88 | 400.24    | 171° 28' 4"  |
| 3476 | 622245.48 | 3326096.26 | 401.96    | 171° 27' 30" |
| 3477 | 621847.98 | 3326155.97 | 409.37    | 171° 28' 57" |
| 3478 | 621443.13 | 3326216.6  | 398.76    | 171° 28' 44" |
| 3479 | 621048.77 | 3326275.69 | 235.31    | 171° 28' 57" |
| 3480 | 620816.06 | 3326310.54 | 214.6     | 171° 38' 0"  |
| 3481 | 620603.74 | 3326341.76 | 0.18      | 270° 0' 0"   |
| 3482 | 620603.74 | 3326341.58 | 1,00      | 180° 0' 0"   |
| 3483 | 620602.74 | 3326341.58 | 0.33      | 90° 0' 0"    |
| 3484 | 620602.74 | 3326341.91 | 34 639,00 | 171° 38' 0"  |
| 3485 | 620590.92 | 3326343.65 | 18.63     | 169° 33' 26" |
| 3486 | 620572.6  | 3326347.03 | 159.56    | 171° 0' 33"  |
| 3487 | 620415    | 3326371.96 | 70.42     | 171° 13' 44" |
| 3488 | 620345.4  | 3326382.7  | 120.01    | 175° 41' 17" |
| 3489 | 620225.73 | 3326391.72 | 122.01    | 177° 7' 27"  |
| 3490 | 620103.87 | 3326397.84 | 116.4     | 175° 49' 24" |
| 3491 | 619987.78 | 3326406.32 | 41.48     | 174° 25' 6"  |
| 3492 | 619946.5  | 3326410.36 | 105.74    | 176° 20' 35" |
| 3493 | 619840.98 | 3326417.1  | 89.73     | 175° 47' 26" |
| 3494 | 619751.49 | 3326423.69 | 0.36      | 90° 0' 0"    |
| 3495 | 619751.49 | 3326424.05 | 1,00      | 180° 0' 0"   |
| 3496 | 619750.49 | 3326424.05 | 0.29      | 270° 0' 0"   |
| 3497 | 619750.49 | 3326423.76 | 52.16     | 175° 47' 26" |
| 3498 | 619698.47 | 3326427.59 | 31.13     | 175° 45' 29" |
| 3499 | 619667.43 | 3326429.89 | 129.63    | 174° 20' 16" |
| 3500 | 619538.44 | 3326442.68 | 27.93     | 266° 18' 51" |
| 3501 | 619536.64 | 3326414.81 | 46 235,00 | 327° 24' 26" |
| 3502 | 619543.6  | 3326410.36 | 17.48     | 34° 48' 43"  |
| 3503 | 619557.95 | 3326420.34 | 41 791,00 | 24° 34' 59"  |
| 3504 | 619563.54 | 3326422.89 | 33 664,00 | 12° 59' 11"  |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 3505 | 619567.36 | 3326423.77 | 42 928,00 | 8° 25' 54"   |
| 3506 | 619579.92 | 3326425.64 | 42 955,00 | 278° 25' 54" |
| 3507 | 619581.21 | 3326416.93 | 21 520,00 | 188° 51' 7"  |
| 3508 | 619568.78 | 3326415    | 16 893,00 | 198° 27' 14" |
| 3509 | 619564.55 | 3326413.58 | 14.51     | 220° 59' 44" |
| 3510 | 619553.6  | 3326404.07 | 42 981,00 | 212° 14' 59" |
| 3511 | 619550.3  | 3326401.99 | 42 920,00 | 202° 18' 11" |
| 3512 | 619545.95 | 3326400.2  | 13 575,00 | 192° 58' 28" |
| 3513 | 619542.67 | 3326399.45 | 42 799,00 | 208° 55' 30" |
| 3514 | 619538.27 | 3326397.02 | 18 080,00 | 236° 4' 16"  |
| 3515 | 619534.09 | 3326390.8  | 21.58     | 262° 52' 13" |
| 3516 | 619531.42 | 3326369.39 | 24 959,00 | 287° 50' 9"  |
| 3517 | 619533.15 | 3326363.98 | 24 959,00 | 235° 36' 14" |
| 3518 | 619529.94 | 3326359.29 | 122.69    | 260° 14' 36" |
| 3519 | 619509.15 | 3326238.37 | 21.28     | 273° 45' 51" |
| 3520 | 619510.55 | 3326217.14 | 76.46     | 274° 38' 54" |
| 3521 | 619516.75 | 3326140.93 | 43 800,00 | 301° 17' 52" |
| 3522 | 619523.08 | 3326130.51 | 33.99     | 184° 57' 0"  |
| 3523 | 619489.21 | 3326127.58 | 27 364,00 | 65° 16' 6"   |
| 3524 | 619494.54 | 3326139.15 | 42 847,00 | 96° 43' 13"  |
| 3525 | 619491.96 | 3326161.04 | 13.83     | 95° 55' 50"  |
| 3526 | 619490.53 | 3326174.79 | 24.96     | 92° 5' 28"   |
| 3527 | 619489.62 | 3326199.74 | 18.77     | 87° 41' 20"  |
| 3528 | 619490.38 | 3326218.49 | 25.29     | 78° 11' 33"  |
| 3529 | 619495.56 | 3326243.25 | 122.64    | 79° 26' 14"  |
| 3530 | 619518.04 | 3326363.82 | 42 737,00 | 170° 54' 43" |
| 3531 | 619516.06 | 3326364.13 | 5,00      | 80° 54' 43"  |
| 3532 | 619516.84 | 3326369.07 | 42 036,00 | 350° 54' 43" |
| 3533 | 619518.96 | 3326368.73 | 21.51     | 80° 54' 43"  |
| 3534 | 619522.36 | 3326389.97 | 42 865,00 | 111° 17' 49" |
| 3535 | 619518.71 | 3326399.34 | 21 064,00 | 153° 17' 54" |
| 3536 | 619510.16 | 3326403.64 | 44 652,00 | 143° 59' 43" |
| 3537 | 619506.75 | 3326406.12 | 17 654,00 | 133° 4' 24"  |
| 3538 | 619503    | 3326410.13 | 17 076,00 | 126° 36' 22" |
| 3539 | 619496.76 | 3326418.52 | 18.76     | 156° 36' 59" |
| 3540 | 619479.54 | 3326425.97 | 42 864,00 | 66° 36' 59"  |
| 3541 | 619483.13 | 3326434.27 | 16.15     | 340° 8' 27"  |
| 3542 | 619498.33 | 3326428.78 | 42 799,00 | 330° 24' 4"  |
| 3543 | 619502.7  | 3326426.3  | 20 180,00 | 319° 12' 11" |
| 3544 | 619506.14 | 3326423.33 | 14.47     | 313° 28' 51" |
| 3545 | 619516.1  | 3326412.83 | 25 416,00 | 20° 54' 0"   |
| 3546 | 619524.22 | 3326415.93 | 42 794,00 | 84° 45' 7"   |
| 3547 | 619526.78 | 3326443.84 | 26.25     | 174° 20' 16" |
| 3548 | 619500.66 | 3326446.43 | 34 213,00 | 201° 20' 13" |
| 3549 | 619491.41 | 3326442.81 | 29.84     | 175° 50' 11" |
| 3550 | 619461.65 | 3326444.98 | 14 185,00 | 265° 46' 29" |
| 3551 | 619460.81 | 3326433.63 | 43 374,00 | 175° 46' 26" |
| 3552 | 619450.66 | 3326434.38 | 42 869,00 | 85° 42' 55"  |
| 3553 | 619451.74 | 3326448.84 | 53.54     | 177° 19' 49" |
| 3554 | 619398.26 | 3326451.33 | 20.79     | 179° 49' 13" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 3555 | 619377.47 | 3326451.4  | 23.74     | 175° 45' 29" |
| 3556 | 619353.79 | 3326453.15 | 76.45     | 175° 48' 43" |
| 3557 | 619277.55 | 3326458.74 | 146.69    | 203° 3' 19"  |
| 3558 | 619142.58 | 3326401.29 | 38.1      | 198° 2' 40"  |
| 3559 | 619106.35 | 3326389.49 | 160.91    | 204° 13' 28" |
| 3560 | 618959.61 | 3326323.47 | 51.77     | 203° 6' 17"  |
| 3561 | 618911.99 | 3326303.15 | 409.9     | 203° 4' 42"  |
| 3562 | 618534.9  | 3326142.48 | 193.53    | 203° 3' 52"  |
| 3563 | 618356.84 | 3326066.66 | 132.71    | 203° 6' 32"  |
| 3564 | 618234.78 | 3326014.57 | 27.22     | 197° 58' 5"  |
| 3565 | 618208.88 | 3326006.17 | 107.82    | 204° 3' 4"   |
| 3566 | 618110.42 | 3325962.23 | 42 758,00 | 204° 24' 6"  |
| 3567 | 618089.46 | 3325952.72 | 212.69    | 203° 1' 8"   |
| 3568 | 617893.7  | 3325869.55 | 277.26    | 203° 1' 27"  |
| 3569 | 617638.53 | 3325761.11 | 461.69    | 203° 7' 14"  |
| 3570 | 617213.92 | 3325579.82 | 171,00    | 203° 3' 42"  |
| 3571 | 617056.59 | 3325512.83 | 216.15    | 203° 4' 36"  |
| 3572 | 616857.74 | 3325428.11 | 269,00    | 203° 3' 39"  |
| 3573 | 616610.23 | 3325322.74 | 314.82    | 203° 3' 45"  |
| 3574 | 616320.57 | 3325199.42 | 315.8     | 203° 4' 24"  |
| 3575 | 616030.04 | 3325075.65 | 274.68    | 203° 3' 34"  |
| 3576 | 615777.31 | 3324968.07 | 93.71     | 203° 22' 22" |
| 3577 | 615691.28 | 3324930.89 | 322.94    | 203° 5' 32"  |
| 3578 | 615394.22 | 3324804.23 | 83.52     | 203° 5' 51"  |
| 3579 | 615317.4  | 3324771.46 | 428.56    | 203° 5' 46"  |
| 3580 | 614923.18 | 3324603.35 | 124.7     | 202° 58' 24" |
| 3581 | 614808.38 | 3324554.68 | 408.38    | 203° 10' 10" |
| 3582 | 614432.94 | 3324394    | 259.77    | 203° 4' 23"  |
| 3583 | 614193.95 | 3324292.2  | 406.15    | 203° 6' 43"  |
| 3584 | 613820.4  | 3324132.77 | 406.33    | 203° 6' 7"   |
| 3585 | 613446.65 | 3323973.34 | 45.33     | 203° 5' 11"  |
| 3586 | 613404.95 | 3323955.57 | 80.95     | 194° 23' 6"  |
| 3587 | 613326.54 | 3323935.45 | 59.64     | 194° 23' 6"  |
| 3588 | 613268.76 | 3323920.64 | 144.57    | 211° 25' 11" |
| 3589 | 613145.39 | 3323845.27 | 36.79     | 202° 48' 3"  |
| 3590 | 613111.48 | 3323831.02 | 199.95    | 202° 35' 39" |
| 3591 | 612926.87 | 3323754.2  | 249.94    | 202° 59' 12" |
| 3592 | 612696.78 | 3323656.59 | 499.64    | 203° 5' 34"  |
| 3593 | 612237.17 | 3323460.62 | 73.9      | 203° 2' 41"  |
| 3594 | 612169.17 | 3323431.69 | 100.31    | 130° 44' 32" |
| 3595 | 612103.7  | 3323507.7  | 271.92    | 129° 26' 22" |
| 3596 | 611930.96 | 3323717.7  | 155.43    | 129° 26' 42" |
| 3597 | 611832.2  | 3323837.73 | 123.15    | 129° 26' 48" |
| 3598 | 611753.96 | 3323932.83 | 20.45     | 135° 44' 18" |
| 3599 | 611739.31 | 3323947.1  | 19.75     | 147° 34' 16" |
| 3600 | 611722.65 | 3323957.69 | 19.35     | 159° 19' 50" |
| 3601 | 611704.55 | 3323964.52 | 42 936,00 | 171° 10' 42" |
| 3602 | 611684.72 | 3323967.6  | 19.58     | 183° 5' 22"  |
| 3603 | 611665.16 | 3323966.54 | 42 815,00 | 194° 54' 4"  |
| 3604 | 611644.57 | 3323961.06 | 259.91    | 197° 14' 5"  |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 3605 | 611396.33 | 3323884.06 | 51.33     | 197° 15' 45" |
| 3606 | 611347.32 | 3323868.83 | 39.18     | 150° 26' 27" |
| 3607 | 611313.24 | 3323888.15 | 59.83     | 150° 36' 11" |
| 3608 | 611261.12 | 3323917.52 | 69.96     | 150° 36' 49" |
| 3609 | 611200.16 | 3323951.85 | 59.98     | 148° 23' 59" |
| 3610 | 611149.07 | 3323983.28 | 69.99     | 148° 56' 22" |
| 3611 | 611089.11 | 3324019.39 | 116.43    | 150° 5' 21"  |
| 3612 | 610988.19 | 3324077.45 | 133.51    | 149° 41' 34" |
| 3613 | 610872.92 | 3324144.83 | 149.96    | 150° 0' 2"   |
| 3614 | 610743.05 | 3324219.8  | 199.95    | 150° 18' 56" |
| 3615 | 610569.34 | 3324318.83 | 109.7     | 150° 15' 37" |
| 3616 | 610474.09 | 3324373.24 | 572.2     | 144° 50' 11" |
| 3617 | 610006.31 | 3324702.78 | 86.12     | 140° 46' 2"  |
| 3618 | 609939.61 | 3324757.25 | 279.93    | 141° 4' 55"  |
| 3619 | 609721.81 | 3324933.1  | 241.71    | 140° 49' 30" |
| 3620 | 609534.43 | 3325085.79 | 451.57    | 140° 30' 30" |
| 3621 | 609185.95 | 3325372.97 | 119.99    | 140° 28' 26" |
| 3622 | 609093.4  | 3325449.33 | 249.93    | 140° 20' 15" |
| 3623 | 608900.99 | 3325608.86 | 199.93    | 140° 24' 54" |
| 3624 | 608746.91 | 3325736.25 | 42 885,00 | 137° 55' 20" |
| 3625 | 608724.61 | 3325756.39 | 42 845,00 | 142° 29' 46" |
| 3626 | 608708.72 | 3325768.59 | 149.9     | 142° 15' 30" |
| 3627 | 608590.18 | 3325860.35 | 151.21    | 139° 28' 41" |
| 3628 | 608475.23 | 3325958.59 | 156.19    | 139° 42' 46" |
| 3629 | 608356.09 | 3326059.59 | 112.5     | 140° 16' 19" |
| 3630 | 608269.57 | 3326131.49 | 117.62    | 140° 43' 11" |
| 3631 | 608178.52 | 3326205.96 | 82.9      | 139° 50' 54" |
| 3632 | 608115.16 | 3326259.41 | 193.05    | 139° 59' 1"  |
| 3633 | 607967.31 | 3326383.54 | 103.4     | 140° 2' 31"  |
| 3634 | 607888.05 | 3326449.95 | 290.47    | 140° 9' 13"  |
| 3635 | 607665.04 | 3326636.06 | 233.44    | 139° 44' 18" |
| 3636 | 607486.91 | 3326786.93 | 138.84    | 141° 52' 53" |
| 3637 | 607377.68 | 3326872.63 | 126.76    | 140° 14' 50" |
| 3638 | 607280.22 | 3326953.69 | 231.62    | 140° 1' 31"  |
| 3639 | 607102.72 | 3327102.5  | 25.28     | 141° 22' 7"  |
| 3640 | 607082.97 | 3327118.28 | 42 829,00 | 141° 22' 7"  |
| 3641 | 607079.82 | 3327120.8  | 83.43     | 141° 22' 7"  |
| 3642 | 607014.64 | 3327172.89 | 218.68    | 141° 35' 55" |
| 3643 | 606843.27 | 3327308.73 | 199.93    | 141° 2' 38"  |
| 3644 | 606687.79 | 3327434.43 | 109.97    | 140° 24' 19" |
| 3645 | 606603.05 | 3327504.52 | 177.93    | 140° 14' 44" |
| 3646 | 606466.26 | 3327618.31 | 206.27    | 140° 15' 3"  |
| 3647 | 606307.67 | 3327750.2  | 115.68    | 141° 4' 7"   |
| 3648 | 606217.68 | 3327822.89 | 102.04    | 140° 53' 38" |
| 3649 | 606138.5  | 3327887.26 | 47.91     | 141° 12' 31" |
| 3650 | 606101.16 | 3327917.27 | 228.33    | 140° 7' 10"  |
| 3651 | 605925.94 | 3328063.67 | 227.82    | 140° 10' 52" |
| 3652 | 605750.96 | 3328209.56 | 233.66    | 140° 35' 25" |
| 3653 | 605570.43 | 3328357.91 | 179.96    | 140° 27' 26" |
| 3654 | 605431.65 | 3328472.48 | 100.03    | 140° 27' 2"  |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 3655 | 605354.52 | 3328536.17 | 213.45    | 140° 11' 47" |
| 3656 | 605190.54 | 3328672.81 | 80.34     | 140° 7' 39"  |
| 3657 | 605128.88 | 3328724.31 | 49.99     | 140° 12' 13" |
| 3658 | 605090.48 | 3328756.31 | 49.99     | 140° 16' 42" |
| 3659 | 605052.03 | 3328788.26 | 49.83     | 140° 16' 42" |
| 3660 | 605013.7  | 3328820.1  | 49.85     | 140° 16' 42" |
| 3661 | 604975.36 | 3328851.96 | 49.99     | 140° 16' 42" |
| 3662 | 604936.91 | 3328883.9  | 50.02     | 140° 16' 42" |
| 3663 | 604898.44 | 3328915.87 | 49.99     | 140° 19' 43" |
| 3664 | 604859.96 | 3328947.78 | 50.01     | 140° 22' 45" |
| 3665 | 604821.43 | 3328979.68 | 50.01     | 140° 22' 45" |
| 3666 | 604782.91 | 3329011.57 | 49.97     | 140° 22' 45" |
| 3667 | 604744.42 | 3329043.43 | 49.97     | 140° 22' 45" |
| 3668 | 604705.93 | 3329075.3  | 49.99     | 140° 22' 45" |
| 3669 | 604667.42 | 3329107.18 | 50.03     | 140° 22' 45" |
| 3670 | 604628.88 | 3329139.08 | 35.28     | 140° 48' 6"  |
| 3671 | 604601.55 | 3329161.38 | 169.94    | 140° 19' 35" |
| 3672 | 604470.74 | 3329269.87 | 144.5     | 140° 3' 13"  |
| 3673 | 604359.97 | 3329362.65 | 50.21     | 140° 5' 49"  |
| 3674 | 604321.45 | 3329394.86 | 49.8      | 140° 27' 50" |
| 3675 | 604283.04 | 3329426.56 | 37.51     | 140° 27' 50" |
| 3676 | 604254.12 | 3329450.43 | 73.86     | 140° 20' 56" |
| 3677 | 604197.25 | 3329497.56 | 24.79     | 140° 13' 50" |
| 3678 | 604178.19 | 3329513.42 | 25.61     | 140° 13' 50" |
| 3679 | 604158.51 | 3329529.8  | 43.31     | 140° 56' 48" |
| 3680 | 604124.88 | 3329557.09 | 44.7      | 141° 15' 37" |
| 3681 | 604090.01 | 3329585.07 | 39.5      | 141° 12' 33" |
| 3682 | 604059.22 | 3329609.81 | 23 316,00 | 140° 48' 48" |
| 3683 | 604050.2  | 3329617.17 | 18.62     | 124° 30' 15" |
| 3684 | 604039.65 | 3329632.51 | 43 095,00 | 112° 4' 14"  |
| 3685 | 604029.84 | 3329656.72 | 18,00     | 106° 13' 3"  |
| 3686 | 604024.81 | 3329674    | 22.67     | 113° 3' 29"  |
| 3687 | 604015.93 | 3329694.86 | 21.37     | 126° 4' 19"  |
| 3688 | 604003.35 | 3329712.13 | 21.95     | 139° 8' 33"  |
| 3689 | 603986.75 | 3329726.49 | 21.47     | 152° 14' 8"  |
| 3690 | 603967.76 | 3329736.49 | 24.92     | 165° 24' 28" |
| 3691 | 603943.63 | 3329742.77 | 74.37     | 168° 4' 35"  |
| 3692 | 603870.87 | 3329758.14 | 27 851,00 | 254° 19' 23" |
| 3693 | 603869.58 | 3329753.55 | 42 927,00 | 277° 12' 9"  |
| 3694 | 603870.97 | 3329742.56 | 36 342,00 | 315° 59' 34" |
| 3695 | 603876.71 | 3329737.01 | 35 582,00 | 330° 35' 58" |
| 3696 | 603882.79 | 3329733.59 | 41 609,00 | 332° 44' 51" |
| 3697 | 603893.57 | 3329728.03 | 14 032,00 | 322° 59' 26" |
| 3698 | 603898.67 | 3329724.19 | 19 054,00 | 322° 59' 26" |
| 3699 | 603901.47 | 3329722.08 | 45 901,00 | 317° 53' 36" |
| 3700 | 603908.34 | 3329715.87 | 42 835,00 | 317° 4' 23"  |
| 3701 | 603915.69 | 3329709.04 | 57.21     | 316° 6' 24"  |
| 3702 | 603956.92 | 3329669.37 | 19.63     | 320° 48' 41" |
| 3703 | 603972.13 | 3329656.96 | 15 766,00 | 268° 37' 35" |
| 3704 | 603972.05 | 3329653.53 | 0.16      | 273° 34' 35" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 3705 | 603972.06 | 3329653.37 | 0.16      | 284° 55' 53" |
| 3706 | 603972.1  | 3329653.22 | 44 986,00 | 286° 31' 46" |
| 3707 | 603973.02 | 3329650.12 | 0.13      | 292° 37' 12" |
| 3708 | 603973.07 | 3329650    | 0.13      | 296° 33' 54" |
| 3709 | 603973.13 | 3329649.88 | 30 011,00 | 301° 31' 44" |
| 3710 | 603975.13 | 3329646.62 | 0.07      | 296° 33' 54" |
| 3711 | 603975.16 | 3329646.56 | 0.06      | 308° 39' 35" |
| 3712 | 603975.2  | 3329646.51 | 34 425,00 | 309° 0' 14"  |
| 3713 | 603978.31 | 3329642.67 | 0.06      | 315° 0' 0"   |
| 3714 | 603978.35 | 3329642.63 | 0.06      | 315° 0' 0"   |
| 3715 | 603978.39 | 3329642.59 | 42 952,00 | 315° 38' 18" |
| 3716 | 603982.02 | 3329639.04 | 35 156,00 | 314° 15' 52" |
| 3717 | 603985.48 | 3329635.49 | 31 503,00 | 303° 45' 20" |
| 3718 | 603988.18 | 3329631.45 | 35 431,00 | 293° 54' 13" |
| 3719 | 603988.98 | 3329629.65 | 42 804,00 | 140° 48' 0"  |
| 3720 | 603981    | 3329636.16 | 20 455,00 | 46° 1' 36"   |
| 3721 | 603982.08 | 3329637.28 | 0.1       | 78° 41' 24"  |
| 3722 | 603982.1  | 3329637.38 | 0.1       | 156° 2' 15"  |
| 3723 | 603982.01 | 3329637.42 | 44 228,00 | 187° 51' 50" |
| 3724 | 603979.82 | 3329637.12 | 75.03     | 140° 48' 0"  |
| 3725 | 603921.67 | 3329684.54 | 0.22      | 51° 47' 20"  |
| 3726 | 603921.81 | 3329684.71 | 0.28      | 142° 18' 21" |
| 3727 | 603921.59 | 3329684.88 | 0.21      | 231° 47' 20" |
| 3728 | 603921.46 | 3329684.71 | 73.92     | 140° 48' 0"  |
| 3729 | 603864.17 | 3329731.44 | 15 373,00 | 131° 31' 28" |
| 3730 | 603862.57 | 3329733.25 | 14.17     | 140° 52' 4"  |
| 3731 | 603851.57 | 3329742.2  | 34 943,00 | 161° 44' 24" |
| 3732 | 603842.13 | 3329745.31 | 31 594,00 | 74° 33' 23"  |
| 3733 | 603844.22 | 3329752.89 | 43 079,00 | 347° 32' 21" |
| 3734 | 603854.1  | 3329750.7  | 34 394,00 | 30° 41' 47"  |
| 3735 | 603857.49 | 3329752.72 | 42 924,00 | 76° 15' 20"  |
| 3736 | 603859.41 | 3329760.56 | 75.63     | 168° 4' 49"  |
| 3737 | 603785.41 | 3329776.18 | 42 778,00 | 258° 5' 12"  |
| 3738 | 603782.89 | 3329764.24 | 43 374,00 | 168° 5' 12"  |
| 3739 | 603772.93 | 3329766.35 | 42 778,00 | 77° 52' 39"  |
| 3740 | 603775.49 | 3329778.27 | 46.87     | 168° 4' 25"  |
| 3741 | 603729.64 | 3329787.95 | 43 001,00 | 258° 3' 21"  |
| 3742 | 603724.86 | 3329765.37 | 8,00      | 168° 3' 21"  |
| 3743 | 603717.03 | 3329767.03 | 25.15     | 78° 3' 21"   |
| 3744 | 603722.24 | 3329791.64 | 17.17     | 169° 50' 20" |
| 3745 | 603705.34 | 3329794.66 | 52.6      | 165° 39' 43" |
| 3746 | 603654.37 | 3329807.69 | 47.3      | 168° 4' 59"  |
| 3747 | 603608.1  | 3329817.46 | 49.95     | 168° 21' 4"  |
| 3748 | 603559.18 | 3329827.54 | 50.16     | 168° 21' 4"  |
| 3749 | 603510.05 | 3329837.67 | 49.97     | 168° 21' 4"  |
| 3750 | 603461.11 | 3329847.76 | 50,00     | 168° 21' 4"  |
| 3751 | 603412.14 | 3329857.86 | 49.7      | 168° 18' 49" |
| 3752 | 603363.47 | 3329867.92 | 50.1      | 168° 16' 32" |
| 3753 | 603314.42 | 3329878.1  | 22 616,00 | 168° 16' 32" |
| 3754 | 603302.08 | 3329880.66 | 43 066,00 | 158° 54' 54" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 3755 | 603276.78 | 3329890.42 | 51.4      | 135° 6' 22"  |
| 3756 | 603240.36 | 3329926.7  | 172.77    | 125° 34' 35" |
| 3757 | 603139.85 | 3330067.22 | 22.93     | 125° 34' 35" |
| 3758 | 603126.51 | 3330085.87 | 116.52    | 125° 34' 35" |
| 3759 | 603058.72 | 3330180.64 | 58.29     | 142° 52' 46" |
| 3760 | 603012.24 | 3330215.82 | 56.53     | 176° 19' 49" |
| 3761 | 602955.82 | 3330219.44 | 133.9     | 193° 6' 51"  |
| 3762 | 602825.41 | 3330189.06 | 20.56     | 193° 7' 54"  |
| 3763 | 602805.39 | 3330184.38 | 484.32    | 193° 9' 33"  |
| 3764 | 602333.79 | 3330074.13 | 374.35    | 165° 14' 49" |
| 3765 | 601971.78 | 3330169.46 | 179.97    | 165° 3' 4"   |
| 3766 | 601797.91 | 3330215.88 | 64.51     | 166° 6' 19"  |
| 3767 | 601735.28 | 3330231.37 | 346.79    | 177° 13' 3"  |
| 3768 | 601388.9  | 3330248.21 | 309.07    | 177° 16' 40" |
| 3769 | 601080.18 | 3330262.89 | 410.15    | 177° 17' 0"  |
| 3770 | 600670.49 | 3330282.33 | 881.18    | 177° 13' 56" |
| 3771 | 599790.34 | 3330324.88 | 334.14    | 177° 15' 21" |
| 3772 | 599456.59 | 3330340.87 | 366.12    | 177° 16' 7"  |
| 3773 | 599090.88 | 3330358.32 | 73.67     | 177° 12' 3"  |
| 3774 | 599017.3  | 3330361.92 | 42 749,00 | 176° 50' 13" |
| 3775 | 599003.22 | 3330362.7  | 19.99     | 176° 35' 34" |
| 3776 | 598983.26 | 3330363.89 | 19.99     | 176° 35' 34" |
| 3777 | 598963.3  | 3330365.07 | 29.99     | 176° 42' 43" |
| 3778 | 598933.36 | 3330366.79 | 49.99     | 176° 58' 28" |
| 3779 | 598883.44 | 3330369.43 | 49.99     | 177° 11' 11" |
| 3780 | 598833.52 | 3330371.89 | 49.99     | 177° 11' 11" |
| 3781 | 598783.59 | 3330374.34 | 49.99     | 177° 14' 48" |
| 3782 | 598733.66 | 3330376.74 | 49.99     | 177° 35' 51" |
| 3783 | 598683.72 | 3330378.84 | 49.99     | 177° 35' 51" |
| 3784 | 598633.78 | 3330380.93 | 49.99     | 177° 35' 51" |
| 3785 | 598583.83 | 3330383.03 | 49.99     | 177° 35' 51" |
| 3786 | 598533.89 | 3330385.12 | 31.37     | 177° 25' 25" |
| 3787 | 598502.55 | 3330386.53 | 233.96    | 177° 12' 54" |
| 3788 | 598268.87 | 3330397.9  | 216.17    | 177° 21' 38" |
| 3789 | 598052.94 | 3330407.85 | 202.54    | 177° 20' 32" |
| 3790 | 597850.61 | 3330417.25 | 41 974,00 | 176° 59' 32" |
| 3791 | 597838.49 | 3330417.88 | 262.43    | 166° 13' 45" |
| 3792 | 597583.6  | 3330480.35 | 74.8      | 166° 14' 40" |
| 3793 | 597510.94 | 3330498.14 | 237.95    | 155° 19' 31" |
| 3794 | 597294.71 | 3330597.48 | 318.96    | 155° 19' 34" |
| 3795 | 597004.88 | 3330730.63 | 287.32    | 155° 18' 48" |
| 3796 | 596743.82 | 3330850.63 | 286.78    | 155° 21' 7"  |
| 3797 | 596483.17 | 3330970.22 | 291.41    | 155° 26' 12" |
| 3798 | 596218.13 | 3331091.36 | 131.76    | 155° 10' 53" |
| 3799 | 596098.54 | 3331146.67 | 51.92     | 184° 44' 12" |
| 3800 | 596046.8  | 3331142.38 | 136.64    | 218° 12' 44" |
| 3801 | 595939.44 | 3331057.86 | 43 191,00 | 218° 12' 44" |
| 3802 | 595936.16 | 3331055.27 | 42 830,00 | 315° 54' 46" |
| 3803 | 595939.78 | 3331051.77 | 117.07    | 219° 54' 47" |
| 3804 | 595849.99 | 3330976.66 | 74.32     | 218° 13' 12" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 3805 | 595791.6  | 3330930.68 | 17 746,00 | 129° 24' 11" |
| 3806 | 595786.22 | 3330937.23 | 977.82    | 218° 12' 44" |
| 3807 | 595017.92 | 3330332.37 | 13 971,00 | 218° 12' 44" |
| 3808 | 595014.48 | 3330329.67 | 313.34    | 218° 12' 44" |
| 3809 | 594768.29 | 3330135.84 | 43.77     | 184° 25' 7"  |
| 3810 | 594724.65 | 3330132.47 | 30,00     | 184° 26' 56" |
| 3811 | 594694.75 | 3330130.15 | 19.99     | 184° 20' 32" |
| 3812 | 594674.82 | 3330128.63 | 49.98     | 184° 24' 22" |
| 3813 | 594624.98 | 3330124.79 | 49.98     | 184° 17' 43" |
| 3814 | 594575.14 | 3330121.05 | 49.98     | 184° 1' 11"  |
| 3815 | 594525.28 | 3330117.54 | 49.99     | 184° 1' 11"  |
| 3816 | 594475.42 | 3330114.04 | 50.01     | 184° 1' 3"   |
| 3817 | 594425.53 | 3330110.54 | 0.05      | 185° 55' 4"  |
| 3818 | 594425.48 | 3330110.53 | 19.97     | 183° 56' 42" |
| 3819 | 594405.56 | 3330109.16 | 42 865,00 | 189° 33' 6"  |
| 3820 | 594395.65 | 3330107.49 | 19.96     | 186° 3' 45"  |
| 3821 | 594375.8  | 3330105.38 | 49.99     | 186° 7' 36"  |
| 3822 | 594326.1  | 3330100.05 | 79.91     | 185° 36' 58" |
| 3823 | 594246.57 | 3330092.23 | 50,00     | 183° 23' 35" |
| 3824 | 594196.66 | 3330089.27 | 69.97     | 183° 19' 19" |
| 3825 | 594126.81 | 3330085.21 | 49.99     | 183° 14' 54" |
| 3826 | 594076.91 | 3330082.38 | 30.02     | 183° 13' 34" |
| 3827 | 594046.94 | 3330080.69 | 50.19     | 185° 9' 4"   |
| 3828 | 593996.96 | 3330076.19 | 39.82     | 185° 4' 55"  |
| 3829 | 593957.3  | 3330072.66 | 10,00     | 187° 21' 21" |
| 3830 | 593947.38 | 3330071.38 | 69.95     | 183° 48' 7"  |
| 3831 | 593877.58 | 3330066.74 | 49.99     | 183° 51' 33" |
| 3832 | 593827.71 | 3330063.38 | 79.99     | 184° 2' 12"  |
| 3833 | 593747.92 | 3330057.75 | 89.97     | 184° 15' 3"  |
| 3834 | 593658.2  | 3330051.08 | 79.97     | 184° 23' 43" |
| 3835 | 593578.46 | 3330044.95 | 79.99     | 184° 25' 57" |
| 3836 | 593498.72 | 3330038.77 | 69.97     | 184° 12' 38" |
| 3837 | 593428.94 | 3330033.63 | 79.99     | 184° 13' 33" |
| 3838 | 593349.17 | 3330027.74 | 49.99     | 184° 24' 18" |
| 3839 | 593299.33 | 3330023.9  | 89.95     | 183° 10' 18" |
| 3840 | 593209.52 | 3330018.92 | 60,00     | 183° 21' 46" |
| 3841 | 593149.62 | 3330015.4  | 115.39    | 184° 27' 37" |
| 3842 | 593034.58 | 3330006.43 | 169.17    | 170° 55' 21" |
| 3843 | 592867.53 | 3330033.12 | 131.31    | 184° 33' 10" |
| 3844 | 592736.63 | 3330022.69 | 158.89    | 184° 9' 34"  |
| 3845 | 592578.16 | 3330011.17 | 11 355,00 | 171° 53' 27" |
| 3846 | 592575.87 | 3330011.49 | 91.08     | 184° 13' 35" |
| 3847 | 592485.04 | 3330004.78 | 129.45    | 184° 14' 42" |
| 3848 | 592355.95 | 3329995.2  | 35 490,00 | 272° 9' 37"  |
| 3849 | 592356.1  | 3329991.23 | 42 788,00 | 176° 25' 57" |
| 3850 | 592333.94 | 3329992.61 | 83.03     | 183° 27' 12" |
| 3851 | 592251.06 | 3329987.61 | 182.91    | 197° 14' 52" |
| 3852 | 592076.38 | 3329933.38 | 23.22     | 185° 9' 25"  |
| 3853 | 592053.25 | 3329931.29 | 39.95     | 185° 53' 40" |
| 3854 | 592013.51 | 3329927.19 | 50,00     | 183° 27' 27" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 3855 | 591963.61 | 3329924.17 | 79.97     | 183° 57' 30" |
| 3856 | 591883.83 | 3329918.65 | 79.98     | 183° 43' 42" |
| 3857 | 591804.02 | 3329913.45 | 49.99     | 183° 39' 37" |
| 3858 | 591754.13 | 3329910.26 | 49.99     | 183° 39' 37" |
| 3859 | 591704.25 | 3329907.07 | 40.01     | 183° 35' 28" |
| 3860 | 591664.32 | 3329904.56 | 50.27     | 185° 5' 37"  |
| 3861 | 591614.24 | 3329900.1  | 70.08     | 184° 40' 45" |
| 3862 | 591544.4  | 3329894.38 | 29.99     | 184° 56' 17" |
| 3863 | 591514.53 | 3329891.8  | 49.99     | 184° 48' 48" |
| 3864 | 591464.72 | 3329887.61 | 49.98     | 184° 48' 48" |
| 3865 | 591414.91 | 3329883.41 | 49.98     | 184° 13' 7"  |
| 3866 | 591365.07 | 3329879.74 | 80,00     | 184° 10' 1"  |
| 3867 | 591285.28 | 3329873.92 | 55.12     | 185° 8' 3"   |
| 3868 | 591230.38 | 3329868.99 | 90.29     | 184° 41' 30" |
| 3869 | 591140.4  | 3329861.61 | 17.77     | 180° 45' 38" |
| 3870 | 591122.63 | 3329861.37 | 76.72     | 181° 53' 16" |
| 3871 | 591045.95 | 3329858.84 | 79.93     | 185° 4' 2"   |
| 3872 | 590966.33 | 3329851.78 | 42 946,00 | 185° 18' 25" |
| 3873 | 590936.39 | 3329849    | 19.97     | 183° 56' 43" |
| 3874 | 590916.46 | 3329847.63 | 30,00     | 184° 3' 39"  |
| 3875 | 590886.54 | 3329845.5  | 149.96    | 184° 1' 53"  |
| 3876 | 590736.95 | 3329834.96 | 39.98     | 183° 41' 48" |
| 3877 | 590697.06 | 3329832.38 | 149.97    | 183° 57' 29" |
| 3878 | 590547.44 | 3329822.03 | 159.95    | 184° 40' 47" |
| 3879 | 590388.03 | 3329808.98 | 89.98     | 184° 15' 41" |
| 3880 | 590298.3  | 3329802.29 | 10,00     | 185° 21' 1"  |
| 3881 | 590288.35 | 3329801.36 | 89.95     | 183° 11' 46" |
| 3882 | 590198.54 | 3329796.35 | 42 745,00 | 182° 57' 41" |
| 3883 | 590188.54 | 3329795.83 | 139.98    | 184° 23' 58" |
| 3884 | 590048.97 | 3329785.09 | 10,00     | 185° 44' 2"  |
| 3885 | 590039.02 | 3329784.09 | 89.98     | 183° 38' 5"  |
| 3886 | 589949.22 | 3329778.39 | 42 776,00 | 186° 51' 1"  |
| 3887 | 589939.27 | 3329777.19 | 89.99     | 185° 9' 36"  |
| 3888 | 589849.65 | 3329769.1  | 51.36     | 186° 4' 38"  |
| 3889 | 589798.58 | 3329763.66 | 78.54     | 183° 23' 26" |
| 3890 | 589720.17 | 3329759.02 | 35.34     | 183° 59' 11" |
| 3891 | 589684.92 | 3329756.56 | 114.62    | 183° 33' 56" |
| 3892 | 589570.52 | 3329749.43 | 70,00     | 184° 25' 4"  |
| 3893 | 589500.73 | 3329744.04 | 56.99     | 184° 53' 52" |
| 3894 | 589443.95 | 3329739.17 | 0.26      | 90° 0' 0"    |
| 3895 | 589443.95 | 3329739.43 | 1,00      | 180° 0' 0"   |
| 3896 | 589442.95 | 3329739.43 | 0.34      | 270° 0' 0"   |
| 3897 | 589442.95 | 3329739.09 | 51.98     | 184° 53' 52" |
| 3898 | 589391.16 | 3329734.65 | 69.98     | 185° 14' 31" |
| 3899 | 589321.47 | 3329728.26 | 49.99     | 185° 37' 10" |
| 3900 | 589271.72 | 3329723.36 | 69.99     | 185° 36' 4"  |
| 3901 | 589202.07 | 3329716.53 | 79.97     | 185° 38' 30" |
| 3902 | 589122.48 | 3329708.67 | 29.99     | 185° 26' 32" |
| 3903 | 589092.63 | 3329705.82 | 39.99     | 185° 3' 16"  |
| 3904 | 589052.79 | 3329702.3  | 60,00     | 186° 3' 56"  |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 3905 | 588993.13 | 3329695.96 | 39.98     | 185° 57' 38" |
| 3906 | 588953.36 | 3329691.81 | 10,00     | 186° 18' 26" |
| 3907 | 588943.42 | 3329690.71 | 19.98     | 185° 57' 58" |
| 3908 | 588923.55 | 3329688.63 | 43 059,00 | 185° 57' 19" |
| 3909 | 588903.55 | 3329686.55 | 43 739,00 | 198° 24' 11" |
| 3910 | 588893.88 | 3329683.33 | 19.92     | 190° 22' 34" |
| 3911 | 588874.29 | 3329679.74 | 14.89     | 190° 21' 55" |
| 3912 | 588859.64 | 3329677.06 | 119.71    | 186° 10' 12" |
| 3913 | 588740.63 | 3329664.2  | 309.93    | 186° 9' 1"   |
| 3914 | 588432.48 | 3329630.99 | 125.23    | 186° 10' 59" |
| 3915 | 588307.98 | 3329617.5  | 364.07    | 186° 6' 2"   |
| 3916 | 587945.97 | 3329578.81 | 201.91    | 186° 6' 5"   |
| 3917 | 587745.2  | 3329557.35 | 88.08     | 186° 37' 18" |
| 3918 | 587657.7  | 3329547.2  | 82.77     | 186° 10' 23" |
| 3919 | 587575.41 | 3329538.29 | 0.54      | 90° 0' 0"    |
| 3920 | 587575.41 | 3329538.83 | 1,00      | 180° 0' 0"   |
| 3921 | 587574.41 | 3329538.83 | 0.64      | 270° 0' 0"   |
| 3922 | 587574.41 | 3329538.19 | 98.95     | 186° 6' 28"  |
| 3923 | 587476.02 | 3329527.66 | 162.91    | 185° 12' 2"  |
| 3924 | 587313.78 | 3329512.89 | 379.88    | 186° 10' 17" |
| 3925 | 586936.1  | 3329472.05 | 303.59    | 186° 26' 47" |
| 3926 | 586634.43 | 3329437.97 | 200.06    | 186° 0' 46"  |
| 3927 | 586435.47 | 3329417.01 | 69.44     | 185° 11' 29" |
| 3928 | 586366.32 | 3329410.73 | 50,00     | 186° 24' 28" |
| 3929 | 586316.64 | 3329405.15 | 139.88    | 186° 19' 58" |
| 3930 | 586177.61 | 3329389.72 | 197.25    | 189° 14' 13" |
| 3931 | 585982.92 | 3329358.06 | 272.36    | 189° 14' 23" |
| 3932 | 585714.09 | 3329314.33 | 70.73     | 195° 49' 38" |
| 3933 | 585646.04 | 3329295.03 | 189.96    | 196° 3' 5"   |
| 3934 | 585463.48 | 3329242.51 | 42 855,00 | 198° 30' 44" |
| 3935 | 585435    | 3329232.97 | 79.99     | 199° 49' 20" |
| 3936 | 585359.75 | 3329205.85 | 50.01     | 200° 2' 6"   |
| 3937 | 585312.76 | 3329188.71 | 99.96     | 201° 58' 13" |
| 3938 | 585220.07 | 3329151.32 | 149.99    | 201° 28' 41" |
| 3939 | 585080.49 | 3329096.4  | 99.95     | 202° 27' 12" |
| 3940 | 584988.12 | 3329058.23 | 50,00     | 202° 18' 32" |
| 3941 | 584941.86 | 3329039.25 | 119.93    | 200° 40' 16" |
| 3942 | 584829.65 | 3328996.91 | 80,00     | 200° 51' 4"  |
| 3943 | 584754.89 | 3328968.43 | 99.97     | 201° 32' 11" |
| 3944 | 584661.9  | 3328931.74 | 49.99     | 201° 38' 11" |
| 3945 | 584615.44 | 3328913.31 | 169.94    | 201° 39' 58" |
| 3946 | 584457.5  | 3328850.56 | 119.86    | 202° 22' 8"  |
| 3947 | 584346.66 | 3328804.95 | 42 957,00 | 188° 55' 3"  |
| 3948 | 584336.7  | 3328803.38 | 39.99     | 195° 35' 38" |
| 3949 | 584298.18 | 3328792.63 | 10,00     | 189° 38' 23" |
| 3950 | 584288.32 | 3328790.96 | 42.15     | 191° 52' 0"  |
| 3951 | 584247.07 | 3328782.29 | 42 782,00 | 187° 29' 20" |
| 3952 | 584231.18 | 3328780.2  | 68.82     | 183° 55' 10" |
| 3953 | 584162.53 | 3328775.5  | 174.08    | 183° 54' 45" |
| 3954 | 583988.85 | 3328763.62 | 113.68    | 183° 57' 57" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 3955 | 583875.44 | 3328755.76 | 84.72     | 182° 44' 44" |
| 3956 | 583790.81 | 3328751.7  | 39.93     | 185° 16' 55" |
| 3957 | 583751.06 | 3328748.03 | 13 424,00 | 174° 23' 39" |
| 3958 | 583740.75 | 3328749.04 | 42 812,00 | 191° 49' 29" |
| 3959 | 583722.83 | 3328745.29 | 33.12     | 183° 56' 34" |
| 3960 | 583689.79 | 3328743.01 | 680.79    | 195° 34' 48" |
| 3961 | 583034.01 | 3328560.16 | 626.84    | 195° 40' 54" |
| 3962 | 582430.5  | 3328390.73 | 37.45     | 197° 10' 0"  |
| 3963 | 582394.72 | 3328379.68 | 204.18    | 195° 30' 28" |
| 3964 | 582197.97 | 3328325.08 | 366.31    | 202° 25' 7"  |
| 3965 | 581859.35 | 3328185.38 | 68.57     | 188° 38' 40" |
| 3966 | 581791.55 | 3328175.08 | 29.61     | 180° 29' 10" |
| 3967 | 581761.94 | 3328174.83 | 13.55     | 180° 38' 24" |
| 3968 | 581748.39 | 3328174.67 | 16.85     | 181° 42' 48" |
| 3969 | 581731.55 | 3328174.17 | 90.01     | 182° 49' 19" |
| 3970 | 581641.65 | 3328169.74 | 42 804,00 | 186° 33' 22" |
| 3971 | 581631.69 | 3328168.59 | 49.98     | 184° 12' 28" |
| 3972 | 581581.84 | 3328164.93 | 50.26     | 185° 38' 34" |
| 3973 | 581531.83 | 3328159.99 | 120.13    | 197° 57' 8"  |
| 3974 | 581417.55 | 3328122.96 | 70.04     | 199° 55' 10" |
| 3975 | 581351.7  | 3328099.1  | 129.97    | 202° 51' 18" |
| 3976 | 581231.93 | 3328048.62 | 43 059,00 | 202° 34' 4"  |
| 3977 | 581213.36 | 3328040.9  | 44 835,00 | 216° 6' 50"  |
| 3978 | 581205.1  | 3328034.87 | 47.42     | 207° 25' 39" |
| 3979 | 581163.01 | 3328013.03 | 93.2      | 204° 11' 4"  |
| 3980 | 581077.99 | 3327974.85 | 17 288,00 | 195° 55' 37" |
| 3981 | 581072.73 | 3327973.34 | 67.08     | 203° 14' 22" |
| 3982 | 581011.09 | 3327946.88 | 46.61     | 194° 13' 40" |
| 3983 | 580965.91 | 3327935.42 | 19 998,00 | 153° 9' 16"  |
| 3984 | 580956.51 | 3327940.18 | 63.74     | 195° 55' 37" |
| 3985 | 580895.22 | 3327922.69 | 42 806,00 | 212° 34' 35" |
| 3986 | 580884.85 | 3327916.07 | 20.23     | 189° 39' 53" |
| 3987 | 580864.91 | 3327912.67 | 34.96     | 193° 7' 9"   |
| 3988 | 580830.86 | 3327904.74 | 89.94     | 181° 47' 25" |
| 3989 | 580740.96 | 3327901.93 | 100.09    | 181° 49' 15" |
| 3990 | 580640.93 | 3327898.75 | 44 835,00 | 195° 10' 12" |
| 3991 | 580631.06 | 3327896.07 | 39,00     | 187° 28' 23" |
| 3992 | 580592.39 | 3327891    | 61,00     | 191° 28' 40" |
| 3993 | 580532.61 | 3327878.86 | 39.98     | 193° 1' 16"  |
| 3994 | 580493.65 | 3327869.85 | 19.52     | 195° 41' 53" |
| 3995 | 580474.86 | 3327864.57 | 231.22    | 190° 8' 0"   |
| 3996 | 580247.25 | 3327823.89 | 83.77     | 207° 22' 54" |
| 3997 | 580172.87 | 3327785.36 | 44 652,00 | 207° 22' 54" |
| 3998 | 580169.12 | 3327783.42 | 278.55    | 207° 22' 54" |
| 3999 | 579921.78 | 3327655.31 | 96.06     | 191° 24' 43" |
| 4000 | 579827.62 | 3327636.31 | 50,00     | 193° 14' 40" |
| 4001 | 579778.95 | 3327624.85 | 89.98     | 191° 27' 40" |
| 4002 | 579690.76 | 3327606.97 | 149.97    | 193° 44' 54" |
| 4003 | 579545.09 | 3327571.33 | 79.97     | 193° 38' 0"  |
| 4004 | 579467.38 | 3327552.48 | 70.02     | 193° 35' 36" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 4005 | 579399.31 | 3327536.02 | 42 835,00 | 198° 11' 14" |
| 4006 | 579389.78 | 3327532.89 | 649.8     | 196° 8' 56"  |
| 4007 | 578765.62 | 3327352.16 | 0.09      | 196° 5' 5"   |
| 4008 | 578765.53 | 3327352.14 | 77.53     | 173° 55' 16" |
| 4009 | 578688.44 | 3327360.35 | 20.49     | 180° 10' 25" |
| 4010 | 578667.96 | 3327360.28 | 19.76     | 191° 45' 35" |
| 4011 | 578648.61 | 3327356.26 | 19.69     | 203° 20' 50" |
| 4012 | 578630.53 | 3327348.45 | 90.67     | 216° 23' 42" |
| 4013 | 578557.55 | 3327294.65 | 37.32     | 285° 13' 36" |
| 4014 | 578567.35 | 3327258.64 | 44 927,00 | 317° 25' 17" |
| 4015 | 578568.26 | 3327257.81 | 22 647,00 | 16° 21' 14"  |
| 4016 | 578569.81 | 3327258.26 | 42 827,00 | 40° 5' 7"    |
| 4017 | 578571.38 | 3327259.58 | 42 827,00 | 67° 51' 57"  |
| 4018 | 578572.28 | 3327261.8  | 19 815,00 | 88° 16' 49"  |
| 4019 | 578572.42 | 3327266.34 | 43 221,00 | 85° 40' 24"  |
| 4020 | 578572.81 | 3327271.51 | 22 372,00 | 72° 44' 39"  |
| 4021 | 578574.17 | 3327275.91 | 17 258,00 | 58° 28' 27"  |
| 4022 | 578576.51 | 3327279.72 | 3,00      | 47° 32' 26"  |
| 4023 | 578578.54 | 3327281.94 | 24 593,00 | 34° 51' 27"  |
| 4024 | 578583.19 | 3327285.18 | 5,00      | 23° 13' 54"  |
| 4025 | 578587.78 | 3327287.15 | 43 074,00 | 18° 17' 31"  |
| 4026 | 578592.64 | 3327288.75 | 0.12      | 23° 0' 46"   |
| 4027 | 578592.75 | 3327288.8  | 42 887,00 | 17° 56' 58"  |
| 4028 | 578594.27 | 3327289.29 | 18 749,00 | 291° 24' 37" |
| 4029 | 578596.29 | 3327284.16 | 29 983,00 | 291° 24' 37" |
| 4030 | 578597.32 | 3327281.54 | 33 756,00 | 202° 5' 33"  |
| 4031 | 578590.91 | 3327278.93 | 42 829,00 | 206° 7' 31"  |
| 4032 | 578586.96 | 3327277    | 0.41      | 206° 7' 31"  |
| 4033 | 578586.6  | 3327276.82 | 46 874,00 | 232° 41' 53" |
| 4034 | 578583.39 | 3327272.62 | 42 951,00 | 260° 13' 51" |
| 4035 | 578582.58 | 3327267.88 | 18 749,00 | 271° 55' 25" |
| 4036 | 578582.76 | 3327262.38 | 41 730,00 | 264° 32' 2"  |
| 4037 | 578582.37 | 3327258.26 | 12 816,00 | 249° 49' 39" |
| 4038 | 578581.56 | 3327256.05 | 44 197,00 | 249° 49' 39" |
| 4039 | 578581.14 | 3327254.91 | 47 209,00 | 235° 27' 9"  |
| 4040 | 578578.71 | 3327251.38 | 29 983,00 | 222° 15' 21" |
| 4041 | 578576.62 | 3327249.48 | 21 306,00 | 234° 5' 45"  |
| 4042 | 578573.35 | 3327244.96 | 23 132,00 | 261° 48' 35" |
| 4043 | 578572.55 | 3327239.39 | 19.54     | 283° 49' 22" |
| 4044 | 578577.21 | 3327220.42 | 18 142,00 | 195° 26' 56" |
| 4045 | 578568.07 | 3327217.9  | 13.13     | 107° 19' 34" |
| 4046 | 578564.16 | 3327230.43 | 16 954,00 | 109° 34' 39" |
| 4047 | 578561.99 | 3327236.52 | 29 738,00 | 135° 13' 31" |
| 4048 | 578557.15 | 3327241.32 | 6,00      | 166° 6' 20"  |
| 4049 | 578551.33 | 3327242.76 | 27 515,00 | 170° 34' 53" |
| 4050 | 578545.66 | 3327243.7  | 45 047,00 | 158° 4' 34"  |
| 4051 | 578540.81 | 3327245.66 | 42 981,00 | 148° 11' 16" |
| 4052 | 578538.18 | 3327247.28 | 42 772,00 | 137° 56' 34" |
| 4053 | 578533.72 | 3327251.32 | 26 877,00 | 135° 57' 49" |
| 4054 | 578527.44 | 3327257.39 | 17 715,00 | 162° 23' 10" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 4055 | 578520.31 | 3327259.65 | 42 801,00 | 188° 40' 51" |
| 4056 | 578513.36 | 3327258.59 | 26 816,00 | 192° 18' 3"  |
| 4057 | 578506.79 | 3327257.15 | 42 774,00 | 106° 18' 26" |
| 4058 | 578504.53 | 3327264.85 | 31 929,00 | 16° 18' 26"  |
| 4059 | 578511.13 | 3327266.78 | 15 766,00 | 15° 20' 53"  |
| 4060 | 578514.43 | 3327267.69 | 42 856,00 | 6° 6' 47"    |
| 4061 | 578519.58 | 3327268.24 | 41 365,00 | 354° 13' 47" |
| 4062 | 578523.69 | 3327267.83 | 41 730,00 | 345° 45' 13" |
| 4063 | 578527.7  | 3327266.81 | 42 981,00 | 337° 0' 4"   |
| 4064 | 578530.54 | 3327265.6  | 42 829,00 | 329° 11' 47" |
| 4065 | 578534.32 | 3327263.35 | 24 869,00 | 321° 35' 36" |
| 4066 | 578536.42 | 3327261.68 | 34 486,00 | 317° 51' 45" |
| 4067 | 578541.57 | 3327257.02 | 45 170,00 | 337° 22' 35" |
| 4068 | 578550.09 | 3327253.47 | 28 246,00 | 6° 32' 1"    |
| 4069 | 578555.82 | 3327254.13 | 42 918,00 | 67° 7' 25"   |
| 4070 | 578556.62 | 3327256.03 | 37.04     | 106° 25' 0"  |
| 4071 | 578546.15 | 3327291.57 | 42 778,00 | 194° 16' 36" |
| 4072 | 578534.33 | 3327288.56 | 128.43    | 194° 1' 6"   |
| 4073 | 578409.72 | 3327257.45 | 42 756,00 | 191° 21' 34" |
| 4074 | 578389.04 | 3327253.29 | 18.97     | 231° 26' 29" |
| 4075 | 578377.22 | 3327238.46 | 17 076,00 | 190° 55' 12" |
| 4076 | 578366.94 | 3327236.48 | 14 458,00 | 172° 51' 13" |
| 4077 | 578358.62 | 3327237.52 | 42 767,00 | 144° 20' 8"  |
| 4078 | 578357.79 | 3327238.12 | 12 632,00 | 279° 49' 4"  |
| 4079 | 578359.21 | 3327229.9  | 42 835,00 | 185° 57' 31" |
| 4080 | 578348.87 | 3327228.82 | 17.71     | 100° 10' 4"  |
| 4081 | 578345.74 | 3327246.25 | 21.19     | 189° 55' 37" |
| 4082 | 578324.87 | 3327242.59 | 42 849,00 | 280° 29' 56" |
| 4083 | 578329.31 | 3327218.6  | 8,00      | 190° 29' 56" |
| 4084 | 578321.45 | 3327217.15 | 24.48     | 100° 29' 56" |
| 4085 | 578316.99 | 3327241.22 | 37.03     | 189° 55' 37" |
| 4086 | 578280.51 | 3327234.83 | 89.91     | 187° 41' 36" |
| 4087 | 578191.41 | 3327222.8  | 43 009,00 | 180° 54' 39" |
| 4088 | 578181.25 | 3327222.63 | 90.08     | 192° 41' 35" |
| 4089 | 578093.37 | 3327202.84 | 42 926,00 | 192° 57' 16" |
| 4090 | 578083.55 | 3327200.58 | 100.05    | 201° 19' 48" |
| 4091 | 577990.36 | 3327164.19 | 199.94    | 201° 13' 7"  |
| 4092 | 577803.98 | 3327091.83 | 89.96     | 201° 8' 58"  |
| 4093 | 577720.07 | 3327059.37 | 18.29     | 198° 7' 38"  |
| 4094 | 577702.69 | 3327053.68 | 261.52    | 196° 1' 33"  |
| 4095 | 577451.33 | 3326981.48 | 99.97     | 195° 45' 57" |
| 4096 | 577355.12 | 3326954.32 | 90.75     | 195° 43' 6"  |
| 4097 | 577267.77 | 3326929.74 | 320.16    | 195° 46' 32" |
| 4098 | 576959.67 | 3326842.69 | 42 876,00 | 202° 56' 26" |
| 4099 | 576940.28 | 3326834.49 | 205.79    | 209° 8' 32"  |
| 4100 | 576760.54 | 3326734.27 | 52.9      | 208° 41' 8"  |
| 4101 | 576714.13 | 3326708.88 | 258.13    | 198° 38' 32" |
| 4102 | 576469.54 | 3326626.37 | 154.95    | 215° 14' 14" |
| 4103 | 576342.99 | 3326536.97 | 24 685,00 | 215° 14' 14" |
| 4104 | 576335.91 | 3326531.96 | 115.7     | 215° 33' 32" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 4105 | 576241.78 | 3326464.68 | 164.47    | 215° 0' 40"  |
| 4106 | 576107.07 | 3326370.32 | 111.58    | 209° 5' 34"  |
| 4107 | 576009.57 | 3326316.07 | 20.88     | 209° 5' 34"  |
| 4108 | 575991.33 | 3326305.91 | 133.44    | 209° 10' 18" |
| 4109 | 575874.81 | 3326240.87 | 64.81     | 207° 50' 16" |
| 4110 | 575817.5  | 3326210.61 | 24.52     | 208° 50' 56" |
| 4111 | 575796.03 | 3326198.78 | 20,00     | 209° 42' 43" |
| 4112 | 575778.66 | 3326188.87 | 29.99     | 209° 50' 11" |
| 4113 | 575752.64 | 3326173.94 | 29.99     | 209° 55' 48" |
| 4114 | 575726.65 | 3326158.98 | 19.99     | 209° 17' 50" |
| 4115 | 575709.22 | 3326149.2  | 49.98     | 209° 22' 7"  |
| 4116 | 575665.66 | 3326124.69 | 49.98     | 209° 13' 53" |
| 4117 | 575622.05 | 3326100.28 | 49.99     | 208° 20' 25" |
| 4118 | 575578.05 | 3326076.55 | 42 765,00 | 209° 29' 37" |
| 4119 | 575551.93 | 3326061.78 | 14.93     | 211° 39' 14" |
| 4120 | 575539.22 | 3326053.94 | 80.08     | 209° 5' 29"  |
| 4121 | 575469.25 | 3326015.01 | 55.83     | 200° 57' 50" |
| 4122 | 575417.11 | 3325995.03 | 13.88     | 221° 15' 59" |
| 4123 | 575406.67 | 3325985.87 | 39.26     | 214° 43' 28" |
| 4124 | 575374.41 | 3325963.51 | 28.92     | 209° 21' 49" |
| 4125 | 575349.2  | 3325949.33 | 19.54     | 211° 14' 59" |
| 4126 | 575332.49 | 3325939.19 | 29 860,00 | 212° 25' 42" |
| 4127 | 575323.37 | 3325933.4  | 179.46    | 200° 57' 15" |
| 4128 | 575155.78 | 3325869.22 | 47.43     | 200° 12' 55" |
| 4129 | 575111.27 | 3325852.83 | 79.98     | 199° 40' 2"  |
| 4130 | 575035.96 | 3325825.91 | 49.99     | 199° 24' 30" |
| 4131 | 574988.82 | 3325809.3  | 70.05     | 201° 6' 31"  |
| 4132 | 574923.46 | 3325784.07 | 17.89     | 206° 48' 46" |
| 4133 | 574907.49 | 3325776    | 0.47      | 180° 0' 0"   |
| 4134 | 574907.02 | 3325776    | 0.24      | 270° 0' 0"   |
| 4135 | 574907.02 | 3325775.76 | 16.97     | 206° 48' 46" |
| 4136 | 574891.88 | 3325768.11 | 16.37     | 200° 57' 48" |
| 4137 | 574876.6  | 3325762.25 | 23.84     | 212° 44' 37" |
| 4138 | 574856.55 | 3325749.36 | 34.76     | 207° 43' 27" |
| 4139 | 574825.78 | 3325733.19 | 70.01     | 215° 5' 10"  |
| 4140 | 574768.49 | 3325692.95 | 42 946,00 | 214° 56' 42" |
| 4141 | 574743.84 | 3325675.72 | 50.11     | 222° 33' 26" |
| 4142 | 574706.93 | 3325641.84 | 40.01     | 227° 52' 26" |
| 4143 | 574680.1  | 3325612.16 | 42 896,00 | 224° 10' 33" |
| 4144 | 574672.88 | 3325605.16 | 22.88     | 230° 7' 12"  |
| 4145 | 574658.22 | 3325587.6  | 33.42     | 223° 43' 1"  |
| 4146 | 574634.06 | 3325564.5  | 143.32    | 234° 32' 43" |
| 4147 | 574550.93 | 3325447.76 | 41.38     | 246° 16' 26" |
| 4148 | 574534.28 | 3325409.87 | 29.99     | 245° 20' 34" |
| 4149 | 574521.76 | 3325382.61 | 70.02     | 244° 46' 19" |
| 4150 | 574491.92 | 3325319.27 | 42 804,00 | 249° 3' 34"  |
| 4151 | 574488.33 | 3325309.9  | 90.05     | 247° 24' 30" |
| 4152 | 574453.74 | 3325226.76 | 30.23     | 257° 46' 26" |
| 4153 | 574447.34 | 3325197.22 | 46.48     | 256° 38' 48" |
| 4154 | 574436.6  | 3325152    | 227.01    | 255° 17' 54" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 4155 | 574378.99 | 3324932.42 | 113.45    | 243° 31' 56" |
| 4156 | 574328.42 | 3324830.85 | 150.38    | 225° 32' 11" |
| 4157 | 574223.09 | 3324723.53 | 116.49    | 246° 33' 22" |
| 4158 | 574176.74 | 3324616.65 | 73.55     | 233° 24' 15" |
| 4159 | 574132.89 | 3324557.6  | 221.55    | 233° 24' 19" |
| 4160 | 574000.82 | 3324379.72 | 214.85    | 233° 25' 14" |
| 4161 | 573872.78 | 3324207.19 | 96.82     | 233° 24' 35" |
| 4162 | 573815.07 | 3324129.46 | 40.97     | 231° 46' 55" |
| 4163 | 573789.72 | 3324097.26 | 49.99     | 233° 6' 56"  |
| 4164 | 573759.71 | 3324057.28 | 39.41     | 233° 9' 46"  |
| 4165 | 573736.08 | 3324025.74 | 179.96    | 233° 54' 45" |
| 4166 | 573630.09 | 3323880.31 | 55.17     | 233° 38' 51" |
| 4167 | 573597.38 | 3323835.88 | 222.67    | 225° 49' 49" |
| 4168 | 573442.23 | 3323676.16 | 191.73    | 250° 48' 39" |
| 4169 | 573379.22 | 3323495.09 | 42 896,00 | 238° 17' 5"  |
| 4170 | 573373.93 | 3323486.53 | 49.99     | 238° 20' 55" |
| 4171 | 573347.69 | 3323443.98 | 49.99     | 238° 20' 55" |
| 4172 | 573321.46 | 3323401.42 | 18.33     | 238° 21' 4"  |
| 4173 | 573311.85 | 3323385.82 | 48.73     | 237° 37' 10" |
| 4174 | 573285.75 | 3323344.68 | 134.57    | 237° 36' 48" |
| 4175 | 573213.67 | 3323231.04 | 223.01    | 237° 35' 43" |
| 4176 | 573094.17 | 3323042.76 | 56.56     | 237° 33' 58" |
| 4177 | 573063.83 | 3322995.02 | 30.18     | 237° 33' 32" |
| 4178 | 573047.64 | 3322969.55 | 67.64     | 237° 34' 11" |
| 4179 | 573011.37 | 3322912.46 | 121.68    | 237° 50' 34" |
| 4180 | 572946.61 | 3322809.45 | 163.92    | 237° 18' 41" |
| 4181 | 572858.08 | 3322671.49 | 78.3      | 237° 32' 6"  |
| 4182 | 572816.05 | 3322605.43 | 42 831,00 | 233° 24' 29" |
| 4183 | 572812.23 | 3322600.29 | 20,00     | 233° 23' 51" |
| 4184 | 572800.31 | 3322584.23 | 10,00     | 233° 44' 58" |
| 4185 | 572794.39 | 3322576.17 | 19.99     | 233° 24' 29" |
| 4186 | 572782.48 | 3322560.12 | 14.94     | 233° 23' 51" |
| 4187 | 572773.57 | 3322548.13 | 104.54    | 232° 39' 30" |
| 4188 | 572710.16 | 3322465.01 | 277.33    | 232° 41' 52" |
| 4189 | 572542.09 | 3322244.41 | 54.22     | 232° 39' 20" |
| 4190 | 572509.2  | 3322201.31 | 48.66     | 230° 52' 20" |
| 4191 | 572478.49 | 3322163.56 | 42 875,00 | 230° 47' 51" |
| 4192 | 572465.82 | 3322148.02 | 26.78     | 237° 17' 29" |
| 4193 | 572451.35 | 3322125.48 | 17,00     | 232° 39' 20" |
| 4194 | 572441.03 | 3322111.97 | 30 103,00 | 241° 48' 12" |
| 4195 | 572437.81 | 3322105.95 | 23 255,00 | 232° 21' 7"  |
| 4196 | 572431.93 | 3322098.33 | 42 998,00 | 244° 2' 50"  |
| 4197 | 572423.14 | 3322080.27 | 20.34     | 244° 2' 32"  |
| 4198 | 572414.23 | 3322061.98 | 139.75    | 241° 48' 12" |
| 4199 | 572348.2  | 3321938.82 | 23 621,00 | 238° 53' 30" |
| 4200 | 572343.22 | 3321930.56 | 29.99     | 239° 0' 58"  |
| 4201 | 572327.78 | 3321904.85 | 20,00     | 238° 53' 30" |
| 4202 | 572317.45 | 3321887.72 | 10,00     | 239° 14' 37" |
| 4203 | 572312.34 | 3321879.13 | 19.99     | 238° 54' 8"  |
| 4204 | 572302.01 | 3321862.02 | 19.97     | 238° 53' 30" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 4205 | 572291.69 | 3321844.91 | 42 957,00 | 236° 19' 24" |
| 4206 | 572286.11 | 3321836.53 | 42 875,00 | 243° 55' 47" |
| 4207 | 572277.29 | 3321818.51 | 20,00     | 243° 55' 8"  |
| 4208 | 572268.5  | 3321800.55 | 10,00     | 244° 16' 15" |
| 4209 | 572264.16 | 3321791.54 | 19.99     | 243° 55' 47" |
| 4210 | 572255.37 | 3321773.59 | 42 738,00 | 243° 51' 20" |
| 4211 | 572254.05 | 3321770.89 | 12 540,00 | 247° 22' 54" |
| 4212 | 572252    | 3321765.96 | 30 042,00 | 240° 7' 25"  |
| 4213 | 572249.59 | 3321761.78 | 31 199,00 | 243° 55' 8"  |
| 4214 | 572246.58 | 3321755.63 | 10,00     | 244° 16' 15" |
| 4215 | 572242.24 | 3321746.62 | 47 392,00 | 243° 55' 47" |
| 4216 | 572237.72 | 3321737.37 | 42 769,00 | 265° 15' 20" |
| 4217 | 572237.47 | 3321734.36 | 45 413,00 | 254° 26' 51" |
| 4218 | 572236.06 | 3321729.31 | 15 980,00 | 251° 46' 17" |
| 4219 | 572232.8  | 3321719.4  | 25 447,00 | 222° 53' 9"  |
| 4220 | 572225.69 | 3321712.8  | 25.71     | 244° 1' 57"  |
| 4221 | 572214.43 | 3321689.69 | 23 346,00 | 241° 45' 26" |
| 4222 | 572208.46 | 3321678.56 | 87.86     | 241° 49' 5"  |
| 4223 | 572166.96 | 3321601.11 | 6,00      | 240° 52' 32" |
| 4224 | 572164.04 | 3321595.87 | 20,00     | 240° 37' 0"  |
| 4225 | 572154.23 | 3321578.44 | 10,00     | 240° 58' 7"  |
| 4226 | 572149.37 | 3321569.7  | 19.99     | 240° 37' 39" |
| 4227 | 572139.57 | 3321552.28 | 42 997,00 | 240° 37' 0"  |
| 4228 | 572129.81 | 3321534.94 | 42 988,00 | 229° 20' 5"  |
| 4229 | 572123.23 | 3321527.29 | 42 875,00 | 236° 32' 32" |
| 4230 | 572112.18 | 3321510.56 | 20,00     | 236° 31' 53" |
| 4231 | 572101.15 | 3321493.87 | 10,00     | 236° 53' 0"  |
| 4232 | 572095.68 | 3321485.5  | 19.99     | 236° 32' 32" |
| 4233 | 572084.67 | 3321468.82 | 20,00     | 236° 31' 53" |
| 4234 | 572073.64 | 3321452.14 | 10,00     | 236° 53' 0"  |
| 4235 | 572068.17 | 3321443.76 | 19.74     | 236° 32' 13" |
| 4236 | 572057.29 | 3321427.3  | 23 012,00 | 332° 0' 58"  |
| 4237 | 572058.73 | 3321426.53 | 22 555,00 | 252° 39' 33" |
| 4238 | 572055.56 | 3321416.41 | 11 597,00 | 227° 30' 41" |
| 4239 | 572048.6  | 3321408.8  | 42 950,00 | 233° 8' 48"  |
| 4240 | 572046.76 | 3321406.34 | 27 912,00 | 237° 28' 50" |
| 4241 | 572043.12 | 3321400.64 | 42 926,00 | 242° 39' 9"  |
| 4242 | 572038.5  | 3321391.7  | 41 548,00 | 234° 22' 57" |
| 4243 | 572032.59 | 3321383.46 | 22 402,00 | 228° 18' 52" |
| 4244 | 572028.86 | 3321379.27 | 15 797,00 | 233° 3' 28"  |
| 4245 | 572026.2  | 3321375.73 | 16 469,00 | 152° 26' 24" |
| 4246 | 572024.03 | 3321376.86 | 59.8      | 236° 35' 41" |
| 4247 | 571991.1  | 3321326.94 | 10,00     | 236° 11' 54" |
| 4248 | 571985.54 | 3321318.63 | 19.99     | 236° 4' 27"  |
| 4249 | 571974.38 | 3321302.04 | 49.98     | 236° 8' 44"  |
| 4250 | 571946.54 | 3321260.54 | 20,00     | 236° 4' 7"   |
| 4251 | 571935.37 | 3321243.94 | 10,00     | 236° 25' 14" |
| 4252 | 571929.84 | 3321235.61 | 19.99     | 236° 4' 46"  |
| 4253 | 571918.69 | 3321219.03 | 42 936,00 | 236° 4' 7"   |
| 4254 | 571907.48 | 3321202.37 | 42 745,00 | 244° 35' 13" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 4255 | 571903.15 | 3321193.25 | 19.95     | 239° 46' 16" |
| 4256 | 571893.11 | 3321176.01 | 29.98     | 240° 23' 43" |
| 4257 | 571878.3  | 3321149.95 | 19.96     | 236° 47' 43" |
| 4258 | 571867.36 | 3321133.24 | 20,00     | 236° 47' 43" |
| 4259 | 571856.41 | 3321116.51 | 10,00     | 237° 8' 30"  |
| 4260 | 571850.99 | 3321108.11 | 19.99     | 236° 48' 2"  |
| 4261 | 571840.04 | 3321091.39 | 20,00     | 236° 47' 23" |
| 4262 | 571829.09 | 3321074.66 | 10,00     | 237° 8' 30"  |
| 4263 | 571823.66 | 3321066.25 | 19.99     | 236° 48' 2"  |
| 4264 | 571812.72 | 3321049.53 | 20.47     | 237° 21' 19" |
| 4265 | 571801.68 | 3321032.29 | 19 238,00 | 235° 3' 30"  |
| 4266 | 571796.22 | 3321024.49 | 42 755,00 | 237° 20' 6"  |
| 4267 | 571785.42 | 3321007.64 | 20,00     | 237° 20' 6"  |
| 4268 | 571774.63 | 3320990.81 | 10,00     | 237° 40' 54" |
| 4269 | 571769.28 | 3320982.35 | 19.99     | 237° 20' 26" |
| 4270 | 571758.5  | 3320965.53 | 20,00     | 237° 19' 47" |
| 4271 | 571747.7  | 3320948.69 | 10,00     | 237° 40' 54" |
| 4272 | 571742.35 | 3320940.24 | 19.99     | 237° 20' 26" |
| 4273 | 571731.57 | 3320923.41 | 20,00     | 237° 19' 47" |
| 4274 | 571720.77 | 3320906.58 | 10,00     | 237° 40' 54" |
| 4275 | 571715.43 | 3320898.13 | 19.99     | 237° 20' 26" |
| 4276 | 571704.64 | 3320881.3  | 20,00     | 237° 19' 47" |
| 4277 | 571693.85 | 3320864.47 | 29.99     | 237° 27' 15" |
| 4278 | 571677.71 | 3320839.18 | 29.99     | 237° 31' 6"  |
| 4279 | 571661.6  | 3320813.88 | 19.98     | 236° 55' 25" |
| 4280 | 571650.7  | 3320797.14 | 49.99     | 236° 59' 7"  |
| 4281 | 571623.46 | 3320755.22 | 49.98     | 236° 59' 23" |
| 4282 | 571596.23 | 3320713.3  | 49.98     | 236° 59' 7"  |
| 4283 | 571569    | 3320671.39 | 30.02     | 235° 58' 39" |
| 4284 | 571552.2  | 3320646.51 | 32 356,00 | 238° 44' 39" |
| 4285 | 571547.59 | 3320638.92 | 41 944,00 | 238° 45' 14" |
| 4286 | 571541.82 | 3320629.4  | 20,00     | 238° 44' 20" |
| 4287 | 571531.44 | 3320612.3  | 12 510,00 | 239° 5' 27"  |
| 4288 | 571529.21 | 3320608.58 | 241.41    | 237° 0' 16"  |
| 4289 | 571397.74 | 3320406.11 | 312.21    | 223° 47' 15" |
| 4290 | 571172.36 | 3320190.07 | 177.43    | 223° 53' 19" |
| 4291 | 571044.49 | 3320067.07 | 129.92    | 212° 29' 51" |
| 4292 | 570934.91 | 3319997.26 | 46.12     | 232° 32' 33" |
| 4293 | 570906.86 | 3319960.65 | 32 629,00 | 232° 32' 33" |
| 4294 | 570903.28 | 3319955.98 | 114.48    | 232° 32' 33" |
| 4295 | 570833.66 | 3319865.1  | 307.12    | 223° 47' 53" |
| 4296 | 570611.98 | 3319652.54 | 150.48    | 215° 48' 43" |
| 4297 | 570489.95 | 3319564.49 | 47.74     | 213° 30' 28" |
| 4298 | 570450.15 | 3319538.14 | 42 845,00 | 213° 21' 14" |
| 4299 | 570433.41 | 3319527.12 | 42 865,00 | 218° 39' 14" |
| 4300 | 570425.56 | 3319520.84 | 69.95     | 215° 41' 43" |
| 4301 | 570368.75 | 3319480.03 | 99.97     | 215° 42' 57" |
| 4302 | 570287.58 | 3319421.67 | 69.96     | 216° 6' 17"  |
| 4303 | 570231.06 | 3319380.44 | 43 739,00 | 212° 30' 19" |
| 4304 | 570222.47 | 3319374.97 | 42 876,00 | 223° 36' 26" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 4305 | 570207.22 | 3319360.45 | 19.23     | 215° 49' 8"  |
| 4306 | 570191.63 | 3319349.19 | 34.65     | 227° 55' 25" |
| 4307 | 570168.41 | 3319323.47 | 75.44     | 224° 2' 10"  |
| 4308 | 570114.17 | 3319271.03 | 40.08     | 228° 24' 44" |
| 4309 | 570087.57 | 3319241.05 | 42.09     | 234° 26' 6"  |
| 4310 | 570063.09 | 3319206.81 | 13.37     | 227° 55' 25" |
| 4311 | 570054.12 | 3319196.88 | 164.38    | 237° 43' 10" |
| 4312 | 569966.33 | 3319057.91 | 23.69     | 246° 23' 23" |
| 4313 | 569956.84 | 3319036.2  | 34 486,00 | 243° 9' 34"  |
| 4314 | 569953.71 | 3319030    | 30,00     | 244° 17' 29" |
| 4315 | 569940.69 | 3319002.97 | 42 786,00 | 245° 1' 55"  |
| 4316 | 569932.24 | 3318984.82 | 42 926,00 | 247° 13' 42" |
| 4317 | 569928.35 | 3318975.54 | 42 786,00 | 250° 41' 12" |
| 4318 | 569921.72 | 3318956.64 | 27 820,00 | 250° 40' 34" |
| 4319 | 569920.48 | 3318953.09 | 17.76     | 246° 30' 15" |
| 4320 | 569913.4  | 3318936.81 | 46.98     | 256° 27' 33" |
| 4321 | 569902.4  | 3318891.14 | 27 030,00 | 254° 31' 58" |
| 4322 | 569901.94 | 3318889.46 | 10,00     | 254° 49' 54" |
| 4323 | 569899.32 | 3318879.81 | 19.99     | 254° 51' 12" |
| 4324 | 569894.1  | 3318860.51 | 42 814,00 | 254° 50' 33" |
| 4325 | 569888.86 | 3318841.18 | 30.02     | 258° 13' 30" |
| 4326 | 569882.73 | 3318811.79 | 42 875,00 | 257° 50' 22" |
| 4327 | 569878.51 | 3318792.2  | 23 377,00 | 259° 7' 37"  |
| 4328 | 569878.2  | 3318790.58 | 42 863,00 | 256° 28' 50" |
| 4329 | 569876.21 | 3318782.32 | 320.68    | 260° 35' 35" |
| 4330 | 569823.8  | 3318465.95 | 122.66    | 252° 49' 32" |
| 4331 | 569787.58 | 3318348.76 | 117.32    | 252° 54' 15" |
| 4332 | 569753.09 | 3318236.62 | 229.76    | 252° 55' 6"  |
| 4333 | 569685.6  | 3318017    | 335.44    | 252° 55' 29" |
| 4334 | 569587.11 | 3317696.34 | 187.38    | 252° 56' 12" |
| 4335 | 569532.12 | 3317517.21 | 315.42    | 252° 52' 55" |
| 4336 | 569439.28 | 3317215.76 | 90.22     | 252° 31' 39" |
| 4337 | 569412.19 | 3317129.7  | 79.99     | 253° 0' 14"  |
| 4338 | 569388.81 | 3317053.21 | 120.19    | 252° 54' 45" |
| 4339 | 569353.5  | 3316938.32 | 148.65    | 235° 37' 10" |
| 4340 | 569269.56 | 3316815.64 | 55.77     | 265° 38' 5"  |
| 4341 | 569265.31 | 3316760.03 | 27 760,00 | 265° 42' 59" |
| 4342 | 569265.18 | 3316758.28 | 138.38    | 265° 38' 1"  |
| 4343 | 569254.65 | 3316620.3  | 96.64     | 252° 42' 42" |
| 4344 | 569225.93 | 3316528.03 | 49.99     | 252° 44' 43" |
| 4345 | 569211.1  | 3316480.29 | 69.97     | 252° 43' 37" |
| 4346 | 569190.32 | 3316413.48 | 29.96     | 252° 47' 28" |
| 4347 | 569181.46 | 3316384.86 | 47.23     | 252° 42' 48" |
| 4348 | 569167.43 | 3316339.77 | 50.16     | 252° 40' 43" |
| 4349 | 569152.49 | 3316291.88 | 210.03    | 252° 43' 37" |
| 4350 | 569090.13 | 3316091.32 | 187.26    | 252° 48' 46" |
| 4351 | 569034.8  | 3315912.43 | 0.38      | 120° 56' 9"  |
| 4352 | 569034.6  | 3315912.75 | 13.56     | 254° 0' 6"   |
| 4353 | 569030.86 | 3315899.72 | 73.59     | 252° 48' 46" |
| 4354 | 569009.12 | 3315829.42 | 60.1      | 242° 45' 44" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 4355 | 568981.61 | 3315775.98 | 105.02    | 236° 32' 37" |
| 4356 | 568923.72 | 3315688.36 | 99.6      | 236° 19' 42" |
| 4357 | 568868.5  | 3315605.48 | 35.11     | 237° 9' 16"  |
| 4358 | 568849.46 | 3315575.98 | 225.05    | 217° 29' 56" |
| 4359 | 568670.91 | 3315438.98 | 42 825,00 | 217° 27' 56" |
| 4360 | 568646.28 | 3315420.11 | 93.79     | 217° 29' 42" |
| 4361 | 568571.87 | 3315363.02 | 42 776,00 | 210° 29' 36" |
| 4362 | 568563.08 | 3315357.85 | 65.23     | 223° 36' 27" |
| 4363 | 568515.85 | 3315312.86 | 21.62     | 223° 36' 27" |
| 4364 | 568500.2  | 3315297.95 | 28.37     | 231° 6' 39"  |
| 4365 | 568482.39 | 3315275.87 | 22.73     | 233° 1' 9"   |
| 4366 | 568468.72 | 3315257.71 | 75.4      | 294° 34' 13" |
| 4367 | 568500.07 | 3315189.14 | 70.87     | 232° 9' 37"  |
| 4368 | 568456.59 | 3315133.17 | 162.3     | 247° 12' 41" |
| 4369 | 568393.73 | 3314983.54 | 96.87     | 258° 8' 1"   |
| 4370 | 568373.81 | 3314888.74 | 109.74    | 263° 55' 15" |
| 4371 | 568362.19 | 3314779.61 | 108.3     | 272° 29' 48" |
| 4372 | 568366.91 | 3314671.42 | 71.5      | 210° 36' 10" |
| 4373 | 568305.37 | 3314635.02 | 39.95     | 271° 15' 25" |
| 4374 | 568306.24 | 3314595.08 | 49.09     | 274° 22' 24" |
| 4375 | 568309.99 | 3314546.14 | 116.05    | 266° 33' 46" |
| 4376 | 568303.03 | 3314430.29 | 11 689,00 | 266° 26' 5"  |
| 4377 | 568302.95 | 3314428.98 | 32.39     | 266° 26' 5"  |
| 4378 | 568300.93 | 3314396.65 | 124.45    | 255° 5' 52"  |
| 4379 | 568268.93 | 3314276.39 | 375.22    | 254° 12' 34" |
| 4380 | 568166.82 | 3313915.33 | 24.91     | 256° 8' 29"  |
| 4381 | 568160.86 | 3313891.14 | 49.72     | 257° 24' 6"  |
| 4382 | 568150.01 | 3313842.62 | 38.09     | 259° 22' 44" |
| 4383 | 568142.99 | 3313805.19 | 51.45     | 263° 2' 45"  |
| 4384 | 568136.76 | 3313754.12 | 260.1     | 262° 59' 50" |
| 4385 | 568105.05 | 3313495.95 | 332.6     | 262° 52' 33" |
| 4386 | 568063.8  | 3313165.92 | 14.37     | 262° 52' 33" |
| 4387 | 568062.02 | 3313151.66 | 121.4     | 262° 50' 24" |
| 4388 | 568046.89 | 3313031.21 | 281.9     | 262° 52' 58" |
| 4389 | 568011.96 | 3312751.48 | 150.3     | 262° 51' 54" |
| 4390 | 567993.29 | 3312602.34 | 50.15     | 262° 58' 49" |
| 4391 | 567987.16 | 3312552.57 | 189.25    | 263° 3' 38"  |
| 4392 | 567964.3  | 3312364.71 | 60.29     | 263° 21' 38" |
| 4393 | 567957.33 | 3312304.82 | 249.9     | 263° 46' 10" |
| 4394 | 567930.21 | 3312056.4  | 99.66     | 263° 35' 8"  |
| 4395 | 567919.07 | 3311957.36 | 40.22     | 263° 5' 35"  |
| 4396 | 567914.24 | 3311917.44 | 160.84    | 262° 14' 19" |
| 4397 | 567892.52 | 3311758.07 | 126.59    | 263° 13' 45" |
| 4398 | 567877.59 | 3311632.36 | 142.39    | 263° 28' 12" |
| 4399 | 567861.4  | 3311490.9  | 175.48    | 249° 49' 58" |
| 4400 | 567800.9  | 3311326.18 | 35.68     | 236° 32' 4"  |
| 4401 | 567781.22 | 3311296.41 | 35.68     | 227° 14' 56" |
| 4402 | 567757    | 3311270.21 | 189.89    | 214° 12' 58" |
| 4403 | 567599.98 | 3311163.43 | 192.4     | 214° 4' 39"  |
| 4404 | 567440.62 | 3311055.63 | 229.93    | 213° 59' 33" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 4405 | 567249.98 | 3310927.08 | 76.38     | 214° 3' 58"  |
| 4406 | 567186.71 | 3310884.3  | 18.45     | 214° 8' 33"  |
| 4407 | 567171.44 | 3310873.94 | 161.09    | 241° 23' 14" |
| 4408 | 567094.3  | 3310732.53 | 61.33     | 240° 12' 6"  |
| 4409 | 567063.82 | 3310679.3  | 259.81    | 242° 16' 7"  |
| 4410 | 566942.92 | 3310449.33 | 105.51    | 242° 4' 7"   |
| 4411 | 566893.5  | 3310356.12 | 25.51     | 224° 15' 5"  |
| 4412 | 566875.23 | 3310338.32 | 792.67    | 214° 11' 0"  |
| 4413 | 566219.49 | 3309892.96 | 181.03    | 223° 24' 19" |
| 4414 | 566087.97 | 3309768.57 | 174.13    | 223° 24' 19" |
| 4415 | 565961.47 | 3309648.91 | 267.04    | 223° 48' 26" |
| 4416 | 565768.75 | 3309464.06 | 0.61      | 180° 0' 0"   |
| 4417 | 565768.14 | 3309464.06 | 0.59      | 270° 0' 0"   |
| 4418 | 565768.14 | 3309463.47 | 42 764,00 | 223° 48' 26" |
| 4419 | 565747.14 | 3309443.33 | 113.24    | 223° 2' 45"  |
| 4420 | 565664.38 | 3309366.03 | 42 644,00 | 223° 2' 45"  |
| 4421 | 565656.96 | 3309359.1  | 140.13    | 223° 24' 53" |
| 4422 | 565555.16 | 3309262.79 | 243.04    | 223° 57' 21" |
| 4423 | 565380.21 | 3309094.09 | 16.54     | 216° 14' 8"  |
| 4424 | 565366.87 | 3309084.32 | 38.68     | 215° 50' 55" |
| 4425 | 565335.52 | 3309061.67 | 351.67    | 213° 25' 4"  |
| 4426 | 565041.99 | 3308867.99 | 18 142,00 | 210° 25' 22" |
| 4427 | 565033.81 | 3308863.19 | 65.93     | 213° 50' 55" |
| 4428 | 564979.06 | 3308826.47 | 125.6     | 213° 19' 17" |
| 4429 | 564874.11 | 3308757.47 | 41.96     | 222° 35' 3"  |
| 4430 | 564843.21 | 3308729.08 | 156.17    | 214° 28' 54" |
| 4431 | 564714.48 | 3308640.66 | 14.14     | 210° 22' 33" |
| 4432 | 564702.28 | 3308633.51 | 29.61     | 208° 53' 43" |
| 4433 | 564676.36 | 3308619.2  | 16.77     | 215° 26' 15" |
| 4434 | 564662.69 | 3308609.48 | 199.77    | 213° 14' 24" |
| 4435 | 564495.61 | 3308499.98 | 99.61     | 212° 37' 29" |
| 4436 | 564411.72 | 3308446.28 | 50.01     | 213° 8' 55"  |
| 4437 | 564369.85 | 3308418.93 | 49.97     | 214° 14' 5"  |
| 4438 | 564328.54 | 3308390.82 | 39.8      | 216° 2' 7"   |
| 4439 | 564296.36 | 3308367.41 | 109.49    | 213° 44' 24" |
| 4440 | 564205.3  | 3308306.59 | 100.72    | 213° 35' 32" |
| 4441 | 564121.4  | 3308250.86 | 202.8     | 213° 35' 32" |
| 4442 | 563952.47 | 3308138.66 | 35.13     | 218° 17' 32" |
| 4443 | 563924.9  | 3308116.89 | 34.84     | 228° 41' 29" |
| 4444 | 563901.9  | 3308090.72 | 35.58     | 229° 2' 27"  |
| 4445 | 563878.58 | 3308063.85 | 42 953,00 | 214° 11' 7"  |
| 4446 | 563873.55 | 3308060.44 | 85.81     | 230° 50' 18" |
| 4447 | 563819.36 | 3307993.9  | 233.3     | 228° 53' 46" |
| 4448 | 563665.98 | 3307818.11 | 556.99    | 246° 50' 28" |
| 4449 | 563446.93 | 3307306.01 | 159.87    | 247° 4' 51"  |
| 4450 | 563384.67 | 3307158.76 | 165.64    | 247° 53' 10" |
| 4451 | 563322.32 | 3307005.3  | 25.34     | 338° 29' 16" |
| 4452 | 563345.89 | 3306996.01 | 8,00      | 248° 29' 14" |
| 4453 | 563342.96 | 3306988.57 | 26.78     | 158° 29' 14" |
| 4454 | 563318.05 | 3306998.39 | 24,00     | 229° 48' 5"  |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 4455 | 563302.55 | 3306980.05 | 25.28     | 217° 50' 57" |
| 4456 | 563282.59 | 3306964.54 | 21.76     | 213° 49' 38" |
| 4457 | 563264.52 | 3306952.43 | 60.64     | 233° 26' 34" |
| 4458 | 563228.4  | 3306903.72 | 12 145,00 | 278° 39' 9"  |
| 4459 | 563229.05 | 3306899.44 | 236.3     | 250° 22' 59" |
| 4460 | 563149.72 | 3306676.85 | 34 455,00 | 277° 55' 9"  |
| 4461 | 563150.53 | 3306670.97 | 17.58     | 328° 3' 16"  |
| 4462 | 563165.45 | 3306661.67 | 16.65     | 312° 49' 2"  |
| 4463 | 563176.76 | 3306649.46 | 13.22     | 290° 0' 50"  |
| 4464 | 563181.29 | 3306637.04 | 33 390,00 | 20° 32' 56"  |
| 4465 | 563187.75 | 3306639.47 | 45 474,00 | 30° 18' 4"   |
| 4466 | 563194.01 | 3306643.12 | 19.97     | 41° 58' 0"   |
| 4467 | 563208.86 | 3306656.48 | 15 523,00 | 37° 36' 40"  |
| 4468 | 563214.74 | 3306661.01 | 5,00      | 32° 22' 19"  |
| 4469 | 563218.96 | 3306663.68 | 28 672,00 | 17° 39' 24"  |
| 4470 | 563226.37 | 3306666.04 | 33 725,00 | 18° 15' 1"   |
| 4471 | 563231.99 | 3306667.89 | 17 046,00 | 17° 54' 7"   |
| 4472 | 563240.99 | 3306670.8  | 17 046,00 | 10° 41' 26"  |
| 4473 | 563250.28 | 3306672.56 | 20.55     | 5° 50' 49"   |
| 4474 | 563270.73 | 3306674.65 | 36.68     | 355° 57' 38" |
| 4475 | 563307.32 | 3306672.07 | 47.32     | 355° 4' 32"  |
| 4476 | 563354.47 | 3306668    | 14 336,00 | 35° 40' 39"  |
| 4477 | 563358.03 | 3306670.56 | 16 528,00 | 314° 52' 4"  |
| 4478 | 563361.17 | 3306667.41 | 36.71     | 356° 45' 38" |
| 4479 | 563397.82 | 3306665.34 | 42 776,00 | 344° 37' 16" |
| 4480 | 563407.65 | 3306662.63 | 42 838,00 | 358° 26' 6"  |
| 4481 | 563421.04 | 3306662.27 | 13 455,00 | 11° 21' 26"  |
| 4482 | 563432.18 | 3306664.51 | 43 405,00 | 24° 14' 31"  |
| 4483 | 563442.37 | 3306669.1  | 42 644,00 | 37° 11' 41"  |
| 4484 | 563450.47 | 3306675.24 | 27 061,00 | 41° 8' 56"   |
| 4485 | 563452.53 | 3306677.04 | 23 774,00 | 22° 17' 23"  |
| 4486 | 563454.98 | 3306678.04 | 30 713,00 | 40° 26' 12"  |
| 4487 | 563457.14 | 3306679.89 | 31 503,00 | 59° 35' 3"   |
| 4488 | 563459.61 | 3306684.08 | 23 743,00 | 72° 26' 11"  |
| 4489 | 563460.1  | 3306685.65 | 42 982,00 | 108° 2' 42"  |
| 4490 | 563458.84 | 3306689.54 | 43 009,00 | 116° 41' 11" |
| 4491 | 563454.27 | 3306698.63 | 44 652,00 | 335° 32' 39" |
| 4492 | 563458.11 | 3306696.88 | 18.83     | 335° 25' 21" |
| 4493 | 563475.23 | 3306689.05 | 42 927,00 | 331° 51' 38" |
| 4494 | 563484.99 | 3306683.83 | 13.51     | 179° 48' 16" |
| 4495 | 563471.48 | 3306683.88 | 14.34     | 234° 34' 9"  |
| 4496 | 563463.16 | 3306672.19 | 44 621,00 | 232° 1' 47"  |
| 4497 | 563461.18 | 3306669.65 | 42 952,00 | 227° 44' 8"  |
| 4498 | 563457.77 | 3306665.89 | 24 959,00 | 221° 58' 27" |
| 4499 | 563453.54 | 3306662.09 | 20 972,00 | 215° 46' 38" |
| 4500 | 563448.21 | 3306658.25 | 32 264,00 | 209° 39' 22" |
| 4501 | 563443.1  | 3306655.34 | 25 355,00 | 202° 27' 54" |
| 4502 | 563436.92 | 3306652.79 | 42 741,00 | 194° 18' 59" |
| 4503 | 563431.01 | 3306651.28 | 30 834,00 | 187° 26' 26" |
| 4504 | 563424.23 | 3306650.39 | 13 332,00 | 179° 58' 20" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 4505 | 563416.88 | 3306650.4  | 36 312,00 | 174° 54' 33" |
| 4506 | 563409.91 | 3306651.02 | 39.87     | 175° 52' 23" |
| 4507 | 563370.15 | 3306653.89 | 36.8      | 176° 30' 20" |
| 4508 | 563333.42 | 3306656.13 | 31 472,00 | 165° 40' 44" |
| 4509 | 563329.68 | 3306657.08 | 32.48     | 175° 19' 41" |
| 4510 | 563297.31 | 3306659.73 | 31.37     | 175° 47' 35" |
| 4511 | 563266.02 | 3306662.03 | 30 621,00 | 180° 8' 16"  |
| 4512 | 563254.19 | 3306662    | 24 259,00 | 187° 10' 47" |
| 4513 | 563247.58 | 3306661.17 | 28 369,00 | 194° 20' 50" |
| 4514 | 563238.11 | 3306658.75 | 26 999,00 | 204° 25' 19" |
| 4515 | 563226.52 | 3306653.49 | 16.26     | 217° 13' 43" |
| 4516 | 563213.57 | 3306643.65 | 21 763,00 | 225° 36' 48" |
| 4517 | 563207.57 | 3306637.51 | 31 472,00 | 221° 41' 57" |
| 4518 | 563204.68 | 3306634.94 | 34 121,00 | 216° 15' 51" |
| 4519 | 563199.09 | 3306630.84 | 44 713,00 | 209° 34' 44" |
| 4520 | 563193.69 | 3306627.77 | 42 895,00 | 201° 32' 17" |
| 4521 | 563185.26 | 3306624.45 | 42 964,00 | 256° 45' 51" |
| 4522 | 563181.35 | 3306607.82 | 325.53    | 340° 22' 11" |
| 4523 | 563487.96 | 3306498.46 | 101.9     | 250° 22' 10" |
| 4524 | 563453.73 | 3306402.48 | 23 132,00 | 160° 22' 50" |
| 4525 | 563448.43 | 3306404.37 | 44.6      | 250° 24' 3"  |
| 4526 | 563433.47 | 3306362.36 | 36.46     | 160° 23' 2"  |
| 4527 | 563399.13 | 3306374.6  | 93.54     | 70° 23' 2"   |
| 4528 | 563430.53 | 3306462.71 | 36.08     | 340° 18' 48" |
| 4529 | 563464.5  | 3306450.56 | 45.01     | 70° 22' 23"  |
| 4530 | 563479.62 | 3306492.95 | 319.58    | 160° 22' 16" |
| 4531 | 563178.61 | 3306600.31 | 24.81     | 238° 55' 53" |
| 4532 | 563165.81 | 3306579.06 | 33.77     | 197° 23' 54" |
| 4533 | 563133.58 | 3306568.96 | 42 878,00 | 160° 22' 20" |
| 4534 | 563111.44 | 3306576.85 | 89.95     | 250° 22' 20" |
| 4535 | 563081.23 | 3306492.12 | 77.86     | 261° 30' 17" |
| 4536 | 563069.72 | 3306415.11 | 1701.04   | 250° 32' 12" |
| 4537 | 562502.93 | 3304811.28 | 42.91     | 271° 48' 20" |
| 4538 | 562504.28 | 3304768.39 | 25 324,00 | 183° 3' 38"  |
| 4539 | 562498.6  | 3304768.09 | 39.17     | 264° 1' 15"  |
| 4540 | 562494.52 | 3304729.13 | 30 133,00 | 203° 25' 35" |
| 4541 | 562487.34 | 3304726.02 | 18.59     | 118° 8' 45"  |
| 4542 | 562478.57 | 3304742.42 | 201.37    | 251° 14' 41" |
| 4543 | 562413.83 | 3304551.74 | 36 039,00 | 237° 40' 5"  |
| 4544 | 562408.49 | 3304543.31 | 109.53    | 229° 51' 48" |
| 4545 | 562337.88 | 3304459.57 | 100.78    | 228° 47' 43" |
| 4546 | 562271.49 | 3304383.74 | 95.28     | 226° 24' 21" |
| 4547 | 562205.78 | 3304314.73 | 42 767,00 | 295° 20' 44" |
| 4548 | 562206.22 | 3304313.81 | 46 054,00 | 266° 38' 20" |
| 4549 | 562206.09 | 3304311.55 | 0.83      | 236° 57' 40" |
| 4550 | 562205.64 | 3304310.85 | 0.72      | 233° 10' 58" |
| 4551 | 562205.2  | 3304310.27 | 28 126,00 | 221° 0' 12"  |
| 4552 | 562203.87 | 3304309.12 | 27 395,00 | 182° 54' 27" |
| 4553 | 562202.12 | 3304309.03 | 42 005,00 | 163° 26' 35" |
| 4554 | 562201.01 | 3304309.35 | 52.38     | 228° 25' 52" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 4555 | 562166.26 | 3304270.16 | 190.67    | 228° 26' 1"  |
| 4556 | 562039.75 | 3304127.5  | 42.74     | 228° 25' 52" |
| 4557 | 562011.39 | 3304095.53 | 793.95    | 228° 26' 6"  |
| 4558 | 561484.63 | 3303501.49 | 805.31    | 228° 26' 8"  |
| 4559 | 560950.33 | 3302898.95 | 356.85    | 231° 4' 36"  |
| 4560 | 560726.13 | 3302621.32 | 436.63    | 235° 29' 31" |
| 4561 | 560478.77 | 3302261.52 | 20 210,00 | 323° 38' 59" |
| 4562 | 560483.23 | 3302258.23 | 42 741,00 | 237° 49' 0"  |
| 4563 | 560479.99 | 3302253.07 | 46 478,00 | 147° 35' 17" |
| 4564 | 560476.38 | 3302255.36 | 43.33     | 239° 10' 18" |
| 4565 | 560454.17 | 3302218.15 | 84.4      | 237° 31' 12" |
| 4566 | 560408.85 | 3302146.95 | 42 936,00 | 230° 26' 9"  |
| 4567 | 560396.07 | 3302131.48 | 32.55     | 234° 8' 26"  |
| 4568 | 560377    | 3302105.1  | 11 383,00 | 349° 14' 11" |
| 4569 | 560380.25 | 3302104.48 | 42 781,00 | 259° 8' 51"  |
| 4570 | 560377.42 | 3302089.74 | 34 213,00 | 165° 1' 47"  |
| 4571 | 560367.82 | 3302092.3  | 198.12    | 235° 37' 46" |
| 4572 | 560255.98 | 3301928.78 | 34 001,00 | 325° 10' 33" |
| 4573 | 560258.38 | 3301927.11 | 32 264,00 | 235° 11' 21" |
| 4574 | 560255.02 | 3301922.28 | 32 174,00 | 144° 46' 28" |
| 4575 | 560252.67 | 3301923.94 | 213.98    | 235° 37' 46" |
| 4576 | 560131.87 | 3301747.32 | 20 515,00 | 326° 31' 19" |
| 4577 | 560134.83 | 3301745.36 | 14.77     | 253° 43' 33" |
| 4578 | 560130.7  | 3301731.18 | 42 948,00 | 150° 21' 39" |
| 4579 | 560123.59 | 3301735.22 | 69,00     | 236° 12' 43" |
| 4580 | 560085.22 | 3301677.87 | 87.79     | 235° 12' 39" |
| 4581 | 560035.13 | 3301605.78 | 40.5      | 245° 35' 57" |
| 4582 | 560018.4  | 3301568.9  | 42 877,00 | 230° 0' 38"  |
| 4583 | 560003.94 | 3301551.66 | 34.69     | 227° 26' 31" |
| 4584 | 559980.48 | 3301526.1  | 35.56     | 240° 3' 44"  |
| 4585 | 559962.73 | 3301495.29 | 50.17     | 232° 11' 33" |
| 4586 | 559931.98 | 3301455.65 | 96.97     | 234° 50' 1"  |
| 4587 | 559876.13 | 3301376.38 | 42.7      | 231° 53' 38" |
| 4588 | 559849.78 | 3301342.78 | 13 058,00 | 277° 8' 1"   |
| 4589 | 559851.06 | 3301332.52 | 35.6      | 239° 30' 2"  |
| 4590 | 559832.99 | 3301301.84 | 42 742,00 | 145° 46' 22" |
| 4591 | 559827.2  | 3301305.78 | 43.3      | 237° 47' 10" |
| 4592 | 559804.11 | 3301269.15 | 42 739,00 | 320° 49' 46" |
| 4593 | 559807.29 | 3301266.56 | 43 252,00 | 236° 3' 10"  |
| 4594 | 559803.84 | 3301261.43 | 44 652,00 | 148° 46' 15" |
| 4595 | 559800.23 | 3301263.62 | 16.98     | 234° 52' 59" |
| 4596 | 559790.46 | 3301249.73 | 29.93     | 232° 57' 4"  |
| 4597 | 559772.43 | 3301225.84 | 30.55     | 246° 14' 44" |
| 4598 | 559760.12 | 3301197.88 | 50.11     | 235° 7' 43"  |
| 4599 | 559731.47 | 3301156.77 | 70,00     | 238° 36' 42" |
| 4600 | 559695.01 | 3301097.01 | 63.98     | 229° 30' 38" |
| 4601 | 559653.47 | 3301048.36 | 278.97    | 235° 41' 7"  |
| 4602 | 559496.21 | 3300817.95 | 28 246,00 | 149° 1' 51"  |
| 4603 | 559491.26 | 3300820.91 | 556.91    | 235° 39' 33" |
| 4604 | 559177.1  | 3300361.07 | 1118.77   | 235° 39' 30" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 4605 | 558545.97 | 3299437.32 | 0.99      | 325° 39' 23" |
| 4606 | 558546.79 | 3299436.76 | 115.27    | 241° 2' 7"   |
| 4607 | 558490.97 | 3299335.91 | 10,00     | 235° 35' 44" |
| 4608 | 558485.32 | 3299327.66 | 42 739,00 | 145° 35' 44" |
| 4609 | 558482.01 | 3299329.93 | 87.17     | 235° 46' 15" |
| 4610 | 558432.97 | 3299257.86 | 10,00     | 232° 21' 20" |
| 4611 | 558426.87 | 3299249.94 | 35 855,00 | 142° 21' 20" |
| 4612 | 558423.72 | 3299252.38 | 84.35     | 233° 59' 4"  |
| 4613 | 558374.12 | 3299184.15 | 28 915,00 | 325° 22' 53" |
| 4614 | 558377.24 | 3299182    | 36 039,00 | 235° 22' 53" |
| 4615 | 558371.57 | 3299173.78 | 30 773,00 | 145° 37' 16" |
| 4616 | 558367.57 | 3299176.52 | 291.28    | 235° 37' 16" |
| 4617 | 558203.1  | 3298936.12 | 109.02    | 214° 9' 12"  |
| 4618 | 558112.88 | 3298874.92 | 33 239,00 | 301° 36' 58" |
| 4619 | 558113.88 | 3298873.29 | 42 815,00 | 221° 8' 27"  |
| 4620 | 558098.05 | 3298859.46 | 142.97    | 215° 25' 59" |
| 4621 | 557981.56 | 3298776.57 | 37.28     | 215° 29' 29" |
| 4622 | 557951.2  | 3298754.93 | 119.74    | 214° 14' 2"  |
| 4623 | 557852.21 | 3298687.57 | 8,00      | 192° 12' 24" |
| 4624 | 557844.39 | 3298685.88 | 93.02     | 217° 28' 57" |
| 4625 | 557770.58 | 3298629.27 | 24.43     | 208° 13' 40" |
| 4626 | 557749.06 | 3298617.72 | 42 743,00 | 168° 34' 53" |
| 4627 | 557741.2  | 3298619.3  | 39.89     | 215° 16' 27" |
| 4628 | 557708.63 | 3298596.27 | 17.96     | 206° 59' 56" |
| 4629 | 557692.63 | 3298588.11 | 26.55     | 319° 45' 54" |
| 4630 | 557712.9  | 3298570.96 | 43 586,00 | 302° 3' 51"  |
| 4631 | 557715.65 | 3298566.56 | 35 916,00 | 212° 13' 59" |
| 4632 | 557710.59 | 3298563.37 | 46 508,00 | 122° 13' 59" |
| 4633 | 557707.78 | 3298567.83 | 43 095,00 | 137° 14' 50" |
| 4634 | 557688.6  | 3298585.56 | 46 447,00 | 221° 31' 28" |
| 4635 | 557686.15 | 3298583.39 | 42 771,00 | 312° 5' 24"  |
| 4636 | 557689.52 | 3298579.67 | 29 007,00 | 218° 54' 20" |
| 4637 | 557684.24 | 3298575.4  | 25 324,00 | 117° 52' 54" |
| 4638 | 557681.58 | 3298580.43 | 52.07     | 213° 1' 0"   |
| 4639 | 557637.92 | 3298552.06 | 43 003,00 | 211° 15' 54" |
| 4640 | 557615.78 | 3298538.62 | 29.81     | 210° 9' 40"  |
| 4641 | 557590    | 3298523.64 | 27.47     | 237° 7' 33"  |
| 4642 | 557575.09 | 3298500.57 | 1197.73   | 251° 18' 35" |
| 4643 | 557191.28 | 3297366    | 4871.35   | 238° 10' 44" |
| 4644 | 554622.77 | 3293226.82 | 42 995,00 | 238° 9' 57"  |
| 4645 | 554613.75 | 3293212.3  | 3742.94   | 238° 10' 33" |
| 4646 | 552640.05 | 3290032.04 | 31.85     | 328° 11' 4"  |
| 4647 | 552667.11 | 3290015.25 | 8,00      | 238° 2' 31"  |
| 4648 | 552662.88 | 3290008.46 | 31.83     | 148° 11' 4"  |
| 4649 | 552635.83 | 3290025.24 | 661.05    | 238° 13' 58" |
| 4650 | 552287.81 | 3289463.22 | 15.24     | 238° 13' 58" |
| 4651 | 552279.78 | 3289450.26 | 58.93     | 238° 13' 58" |
| 4652 | 552248.76 | 3289400.15 | 103.85    | 237° 40' 36" |
| 4653 | 552193.22 | 3289312.39 | 31 048,00 | 334° 1' 34"  |
| 4654 | 552194.89 | 3289311.58 | 35 916,00 | 239° 8' 9"   |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 4655 | 552191.82 | 3289306.45 | 33 239,00 | 146° 35' 52" |
| 4656 | 552190.23 | 3289307.5  | 200.51    | 238° 11' 4"  |
| 4657 | 552084.52 | 3289137.11 | 32.11     | 328° 4' 26"  |
| 4658 | 552111.78 | 3289120.13 | 8,00      | 238° 31' 38" |
| 4659 | 552107.6  | 3289113.31 | 32.16     | 148° 10' 27" |
| 4660 | 552080.28 | 3289130.27 | 42 762,00 | 240° 9' 16"  |
| 4661 | 552066.79 | 3289106.76 | 714.12    | 238° 12' 2"  |
| 4662 | 551690.49 | 3288499.83 | 0,00      | 0° 0' 0"     |
| 4663 | 551690.49 | 3288499.83 | 27.76     | 328° 9' 38"  |
| 4664 | 551714.07 | 3288485.19 | 8,00      | 238° 9' 38"  |
| 4665 | 551709.85 | 3288478.39 | 27.75     | 148° 9' 38"  |
| 4666 | 551686.27 | 3288493.03 | 47.65     | 238° 12' 2"  |
| 4667 | 551661.16 | 3288452.54 | 30 773,00 | 351° 29' 32" |
| 4668 | 551665.95 | 3288451.82 | 22 555,00 | 31° 8' 26"   |
| 4669 | 551675.04 | 3288457.31 | 3,00      | 327° 27' 33" |
| 4670 | 551677.57 | 3288455.7  | 33.1      | 238° 36' 33" |
| 4671 | 551660.32 | 3288427.44 | 3,00      | 149° 31' 23" |
| 4672 | 551657.74 | 3288428.96 | 17 472,00 | 87° 14' 47"  |
| 4673 | 551658.29 | 3288440.41 | 42 798,00 | 128° 15' 45" |
| 4674 | 551655.79 | 3288443.58 | 825.76    | 238° 10' 3"  |
| 4675 | 551220.26 | 3287742.02 | 22.75     | 227° 34' 13" |
| 4676 | 551204.91 | 3287725.23 | 117.73    | 228° 18' 18" |
| 4677 | 551126.6  | 3287637.32 | 477.89    | 226° 11' 22" |
| 4678 | 550795.77 | 3287292.46 | 169.04    | 226° 6' 28"  |
| 4679 | 550678.57 | 3287170.64 | 18.81     | 355° 27' 41" |
| 4680 | 550697.32 | 3287169.15 | 13.32     | 214° 13' 53" |
| 4681 | 550686.3  | 3287161.66 | 11 628,00 | 312° 41' 15" |
| 4682 | 550693.97 | 3287153.34 | 16.23     | 283° 51' 1"  |
| 4683 | 550697.86 | 3287137.58 | 16.56     | 257° 51' 9"  |
| 4684 | 550694.37 | 3287121.4  | 19 268,00 | 228° 46' 3"  |
| 4685 | 550687.44 | 3287113.49 | 152.72    | 226° 38' 21" |
| 4686 | 550582.58 | 3287002.45 | 138.17    | 226° 38' 21" |
| 4687 | 550487.72 | 3286901.99 | 88.36     | 226° 38' 21" |
| 4688 | 550427.05 | 3286837.75 | 51.41     | 226° 38' 21" |
| 4689 | 550391.76 | 3286800.38 | 37.47     | 226° 38' 21" |
| 4690 | 550366.03 | 3286773.13 | 13 424,00 | 226° 38' 21" |
| 4691 | 550358.91 | 3286765.6  | 33 695,00 | 226° 38' 21" |
| 4692 | 550355.53 | 3286762.02 | 41 944,00 | 248° 39' 35" |
| 4693 | 550351.48 | 3286751.64 | 0.97      | 183° 54' 38" |
| 4694 | 550350.51 | 3286751.58 | 42 795,00 | 183° 54' 20" |
| 4695 | 550349.48 | 3286751.51 | 46.96     | 93° 54' 38"  |
| 4696 | 550346.28 | 3286798.35 | 2,00      | 3° 54' 42"   |
| 4697 | 550348.28 | 3286798.49 | 42 858,00 | 281° 39' 22" |
| 4698 | 550348.98 | 3286795.06 | 43 078,00 | 309° 56' 27" |
| 4699 | 550354.84 | 3286788.07 | 27 576,00 | 347° 49' 14" |
| 4700 | 550362.41 | 3286786.43 | 15.57     | 34° 33' 32"  |
| 4701 | 550375.24 | 3286795.27 | 71.44     | 46° 38' 21"  |
| 4702 | 550424.29 | 3286847.21 | 83.66     | 46° 38' 21"  |
| 4703 | 550481.73 | 3286908.03 | 138.02    | 46° 38' 21"  |
| 4704 | 550576.5  | 3287008.38 | 152.59    | 46° 38' 21"  |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 4705 | 550681.26 | 3287119.32 | 18.67     | 67° 53' 49"  |
| 4706 | 550688.29 | 3287136.62 | 42 875,00 | 112° 36' 44" |
| 4707 | 550680.41 | 3287155.54 | 13.43     | 237° 10' 24" |
| 4708 | 550673.12 | 3287144.25 | 18.75     | 96° 17' 17"  |
| 4709 | 550671.07 | 3287162.88 | 57.01     | 225° 55' 3"  |
| 4710 | 550631.41 | 3287121.93 | 26 604,00 | 316° 45' 2"  |
| 4711 | 550639.95 | 3287113.9  | 6,00      | 226° 45' 2"  |
| 4712 | 550635.84 | 3287109.53 | 42 958,00 | 136° 45' 2"  |
| 4713 | 550627.25 | 3287117.62 | 44.88     | 226° 16' 16" |
| 4714 | 550596.23 | 3287085.19 | 31.62     | 315° 58' 39" |
| 4715 | 550618.97 | 3287063.21 | 42 802,00 | 226° 58' 39" |
| 4716 | 550613.49 | 3287057.35 | 31.64     | 135° 55' 39" |
| 4717 | 550590.76 | 3287079.35 | 22.97     | 225° 55' 39" |
| 4718 | 550574.78 | 3287062.85 | 274.91    | 214° 59' 0"  |
| 4719 | 550349.54 | 3286905.24 | 178.33    | 231° 5' 5"   |
| 4720 | 550237.52 | 3286766.48 | 173.69    | 219° 18' 4"  |
| 4721 | 550103.11 | 3286656.47 | 18.77     | 219° 18' 1"  |
| 4722 | 550088.59 | 3286644.58 | 158.74    | 219° 18' 1"  |
| 4723 | 549965.75 | 3286544.04 | 33 664,00 | 219° 18' 1"  |
| 4724 | 549962.72 | 3286541.56 | 127.72    | 219° 18' 1"  |
| 4725 | 549863.88 | 3286460.66 | 18.71     | 219° 18' 1"  |
| 4726 | 549849.41 | 3286448.81 | 42 846,00 | 219° 18' 1"  |
| 4727 | 549833.13 | 3286435.48 | 42 863,00 | 219° 18' 1"  |
| 4728 | 549826.9  | 3286430.39 | 42 846,00 | 219° 18' 1"  |
| 4729 | 549810.34 | 3286416.83 | 23 498,00 | 219° 18' 1"  |
| 4730 | 549805.98 | 3286413.26 | 71.83     | 219° 18' 1"  |
| 4731 | 549750.4  | 3286367.77 | 42 967,00 | 219° 18' 1"  |
| 4732 | 549734.3  | 3286354.59 | 151.63    | 219° 18' 1"  |
| 4733 | 549616.97 | 3286258.55 | 20.44     | 219° 18' 1"  |
| 4734 | 549601.15 | 3286245.61 | 200.41    | 219° 18' 1"  |
| 4735 | 549446.07 | 3286118.67 | 494.21    | 225° 26' 46" |
| 4736 | 549099.34 | 3285766.5  | 42 834,00 | 225° 26' 46" |
| 4737 | 549092.99 | 3285760.06 | 151.71    | 225° 26' 42" |
| 4738 | 548986.56 | 3285651.96 | 168.24    | 204° 21' 50" |
| 4739 | 548833.3  | 3285582.55 | 24 898,00 | 204° 27' 49" |
| 4740 | 548829.95 | 3285581.03 | 410.27    | 204° 26' 47" |
| 4741 | 548456.46 | 3285411.24 | 104.82    | 204° 26' 16" |
| 4742 | 548361.03 | 3285367.88 | 398,00    | 204° 25' 37" |
| 4743 | 547998.65 | 3285203.29 | 63.02     | 204° 27' 10" |
| 4744 | 547941.29 | 3285177.2  | 516.69    | 204° 27' 3"  |
| 4745 | 547470.93 | 3284963.34 | 252.58    | 188° 48' 18" |
| 4746 | 547221.33 | 3284924.67 | 191.75    | 188° 52' 24" |
| 4747 | 547031.87 | 3284895.09 | 233.64    | 188° 50' 2"  |
| 4748 | 546801.01 | 3284859.22 | 271.91    | 199° 15' 11" |
| 4749 | 546544.31 | 3284769.56 | 39.16     | 199° 15' 42" |
| 4750 | 546507.34 | 3284756.64 | 167.87    | 199° 18' 36" |
| 4751 | 546348.91 | 3284701.13 | 223.77    | 199° 18' 59" |
| 4752 | 546137.74 | 3284627.11 | 133.52    | 201° 25' 2"  |
| 4753 | 546013.44 | 3284578.35 | 42 787,00 | 347° 3' 51"  |
| 4754 | 546034.1  | 3284573.61 | 51.52     | 290° 40' 30" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 4755 | 546052.29 | 3284525.41 | 8,00      | 200° 40' 30" |
| 4756 | 546044.81 | 3284522.58 | 47.23     | 110° 40' 30" |
| 4757 | 546028.13 | 3284566.77 | 28.62     | 167° 3' 51"  |
| 4758 | 546000.24 | 3284573.18 | 42 872,00 | 201° 27' 56" |
| 4759 | 545983.96 | 3284566.77 | 0.76      | 111° 16' 30" |
| 4760 | 545983.68 | 3284567.48 | 0.28      | 202° 55' 56" |
| 4761 | 545983.42 | 3284567.37 | 0.75      | 291° 19' 56" |
| 4762 | 545983.69 | 3284566.67 | 24 532,00 | 201° 26' 28" |
| 4763 | 545980.28 | 3284565.33 | 44 256,00 | 112° 39' 23" |
| 4764 | 545979.04 | 3284568.29 | 37.02     | 200° 52' 23" |
| 4765 | 545944.45 | 3284555.1  | 21 245,00 | 292° 50' 7"  |
| 4766 | 545945.84 | 3284551.8  | 45.13     | 201° 26' 28" |
| 4767 | 545903.83 | 3284535.31 | 30 042,00 | 294° 43' 38" |
| 4768 | 545905.85 | 3284530.93 | 53.14     | 291° 31' 17" |
| 4769 | 545925.34 | 3284481.5  | 44 927,00 | 5° 54' 54"   |
| 4770 | 545926.57 | 3284481.62 | 42 780,00 | 292° 14' 9"  |
| 4771 | 545931.94 | 3284468.48 | 16.35     | 4° 2' 7"     |
| 4772 | 545948.25 | 3284469.63 | 16.44     | 69° 55' 53"  |
| 4773 | 545953.9  | 3284485.07 | 36.29     | 288° 36' 37" |
| 4774 | 545965.48 | 3284450.68 | 14.72     | 147° 2' 15"  |
| 4775 | 545953.13 | 3284458.68 | 16.66     | 192° 34' 50" |
| 4776 | 545936.87 | 3284455.06 | 251.76    | 291° 37' 40" |
| 4777 | 546029.67 | 3284221.02 | 41.21     | 291° 39' 50" |
| 4778 | 546044.88 | 3284182.72 | 30.43     | 291° 39' 50" |
| 4779 | 546056.11 | 3284154.44 | 32 051,00 | 291° 39' 50" |
| 4780 | 546060.13 | 3284144.33 | 43.59     | 21° 37' 10"  |
| 4781 | 546100.65 | 3284160.39 | 36.41     | 291° 37' 10" |
| 4782 | 546114.06 | 3284126.55 | 93.59     | 201° 37' 59" |
| 4783 | 546027.06 | 3284092.04 | 36.43     | 111° 37' 59" |
| 4784 | 546013.63 | 3284125.91 | 42.02     | 21° 37' 10"  |
| 4785 | 546052.69 | 3284141.39 | 28 430,00 | 111° 40' 23" |
| 4786 | 546048.35 | 3284152.33 | 30.34     | 111° 40' 23" |
| 4787 | 546037.14 | 3284180.53 | 14,00     | 111° 40' 23" |
| 4788 | 546031.97 | 3284193.53 | 0.07      | 82° 10' 30"  |
| 4789 | 546031.98 | 3284193.6  | 0.07      | 262° 10' 30" |
| 4790 | 546031.97 | 3284193.53 | 281.15    | 111° 40' 23" |
| 4791 | 545928.14 | 3284454.81 | 21.18     | 199° 52' 31" |
| 4792 | 545908.22 | 3284447.61 | 83.37     | 111° 43' 15" |
| 4793 | 545877.37 | 3284525.06 | 71.2      | 201° 28' 30" |
| 4794 | 545811.11 | 3284498.99 | 35 247,00 | 291° 33' 31" |
| 4795 | 545814.04 | 3284491.59 | 34.15     | 201° 33' 31" |
| 4796 | 545782.28 | 3284479.05 | 42 802,00 | 112° 0' 43"  |
| 4797 | 545779.27 | 3284486.49 | 71.67     | 201° 28' 50" |
| 4798 | 545712.58 | 3284460.25 | 20 149,00 | 293° 57' 35" |
| 4799 | 545714.02 | 3284457    | 209.36    | 201° 34' 39" |
| 4800 | 545519.33 | 3284380.01 | 252.65    | 202° 25' 12" |
| 4801 | 545285.78 | 3284283.65 | 952.62    | 188° 46' 18" |
| 4802 | 544344.3  | 3284138.38 | 859.72    | 188° 41' 14" |
| 4803 | 543494.44 | 3284008.52 | 1868.44   | 188° 32' 5"  |
| 4804 | 541646.7  | 3283731.24 | 1106.86   | 178° 51' 7"  |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 4805 | 540540.05 | 3283753.41 | 180.77    | 164° 52' 51" |
| 4806 | 540365.54 | 3283800.56 | 34.11     | 169° 30' 21" |
| 4807 | 540332    | 3283806.77 | 23.44     | 186° 43' 11" |
| 4808 | 540308.72 | 3283804.03 | 42 757,00 | 200° 29' 17" |
| 4809 | 540288.1  | 3283796.33 | 73.79     | 212° 40' 42" |
| 4810 | 540226    | 3283756.49 | 21.93     | 188° 34' 30" |
| 4811 | 540204.31 | 3283753.22 | 3150.17   | 178° 55' 39" |
| 4812 | 537054.7  | 3283812.19 | 795.91    | 179° 6' 27"  |
| 4813 | 536258.88 | 3283824.59 | 297.56    | 179° 19' 40" |
| 4814 | 535961.34 | 3283828.08 | 647.66    | 178° 59' 54" |
| 4815 | 535313.78 | 3283839.4  | 163.44    | 177° 27' 24" |
| 4816 | 535150.5  | 3283846.65 | 458.83    | 177° 25' 20" |
| 4817 | 534692.13 | 3283867.29 | 421.1     | 177° 25' 39" |
| 4818 | 534271.45 | 3283886.19 | 379.22    | 177° 35' 16" |
| 4819 | 533892.57 | 3283902.15 | 17.44     | 178° 3' 40"  |
| 4820 | 533875.13 | 3283902.74 | 26.15     | 164° 45' 53" |
| 4821 | 533849.91 | 3283909.61 | 325.11    | 156° 24' 7"  |
| 4822 | 533551.98 | 3284039.76 | 44.11     | 169° 53' 31" |
| 4823 | 533508.56 | 3284047.5  | 48.8      | 198° 33' 58" |
| 4824 | 533462.3  | 3284031.97 | 68.75     | 215° 29' 14" |
| 4825 | 533406.32 | 3283992.06 | 28 946,00 | 215° 28' 16" |
| 4826 | 533402.42 | 3283989.28 | 107.91    | 215° 34' 14" |
| 4827 | 533314.64 | 3283926.5  | 38.88     | 180° 39' 9"  |
| 4828 | 533275.76 | 3283926.06 | 1,00      | 180° 0' 0"   |
| 4829 | 533274.76 | 3283926.06 | 36 251,00 | 181° 13' 27" |
| 4830 | 533269.77 | 3283925.95 | 79.8      | 182° 48' 10" |
| 4831 | 533190.06 | 3283922.05 | 70.03     | 182° 30' 6"  |
| 4832 | 533120.11 | 3283918.99 | 52.63     | 184° 25' 2"  |
| 4833 | 533067.63 | 3283914.94 | 77.9      | 183° 7' 19"  |
| 4834 | 532989.84 | 3283910.7  | 125.14    | 182° 59' 27" |
| 4835 | 532864.88 | 3283904.17 | 32.14     | 180° 28' 57" |
| 4836 | 532832.74 | 3283903.9  | 160.16    | 178° 45' 3"  |
| 4837 | 532672.62 | 3283907.39 | 65.57     | 178° 45' 18" |
| 4838 | 532607.06 | 3283908.81 | 89.99     | 178° 46' 59" |
| 4839 | 532517.09 | 3283910.73 | 93.44     | 178° 44' 33" |
| 4840 | 532423.67 | 3283912.78 | 61.26     | 178° 45' 33" |
| 4841 | 532362.42 | 3283914.1  | 132.23    | 178° 45' 47" |
| 4842 | 532230.22 | 3283916.96 | 48.62     | 178° 39' 7"  |
| 4843 | 532181.61 | 3283918.1  | 53.99     | 178° 22' 11" |
| 4844 | 532127.65 | 3283919.64 | 41.34     | 179° 27' 46" |
| 4845 | 532086.3  | 3283920.02 | 49.1      | 178° 44' 50" |
| 4846 | 532037.21 | 3283921.1  | 77.84     | 178° 45' 31" |
| 4847 | 531959.39 | 3283922.79 | 62.05     | 178° 46' 11" |
| 4848 | 531897.36 | 3283924.12 | 42.38     | 178° 46' 53" |
| 4849 | 531854.98 | 3283925.02 | 51.84     | 178° 43' 0"  |
| 4850 | 531803.15 | 3283926.18 | 34.45     | 178° 44' 54" |
| 4851 | 531768.71 | 3283926.93 | 74.89     | 178° 46' 22" |
| 4852 | 531693.84 | 3283928.54 | 173.84    | 178° 46' 22" |
| 4853 | 531520.05 | 3283932.26 | 110.45    | 178° 46' 44" |
| 4854 | 531409.62 | 3283934.61 | 138.16    | 178° 31' 26" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 4855 | 531271.5  | 3283938.17 | 65.24     | 178° 34' 0"  |
| 4856 | 531206.28 | 3283939.8  | 59.41     | 178° 35' 21" |
| 4857 | 531146.89 | 3283941.27 | 26.29     | 155° 15' 49" |
| 4858 | 531123.01 | 3283952.27 | 182.55    | 151° 38' 0"  |
| 4859 | 530962.38 | 3284039    | 53.15     | 151° 36' 28" |
| 4860 | 530915.62 | 3284064.27 | 45.39     | 151° 35' 57" |
| 4861 | 530875.69 | 3284085.86 | 42 814,00 | 157° 21' 35" |
| 4862 | 530857.21 | 3284093.57 | 82.16     | 159° 26' 25" |
| 4863 | 530780.28 | 3284122.43 | 23.46     | 166° 9' 28"  |
| 4864 | 530757.51 | 3284128.04 | 22.23     | 180° 7' 0"   |
| 4865 | 530735.28 | 3284127.99 | 23.44     | 194° 9' 45"  |
| 4866 | 530712.56 | 3284122.26 | 217.9     | 204° 41' 6"  |
| 4867 | 530514.57 | 3284031.26 | 93.85     | 204° 40' 28" |
| 4868 | 530429.28 | 3283992.08 | 40.15     | 204° 39' 18" |
| 4869 | 530392.8  | 3283975.33 | 31.14     | 204° 39' 4"  |
| 4870 | 530364.5  | 3283962.34 | 22.69     | 180° 50' 51" |
| 4871 | 530341.81 | 3283962.01 | 90.66     | 178° 44' 33" |
| 4872 | 530251.16 | 3283964    | 60.44     | 178° 44' 33" |
| 4873 | 530190.74 | 3283965.32 | 74.42     | 178° 43' 44" |
| 4874 | 530116.34 | 3283966.97 | 244.43    | 178° 46' 1"  |
| 4875 | 529871.97 | 3283972.23 | 20.99     | 178° 46' 3"  |
| 4876 | 529850.98 | 3283972.68 | 46.97     | 173° 23' 35" |
| 4877 | 529804.32 | 3283978.09 | 129.28    | 168° 9' 10"  |
| 4878 | 529677.8  | 3284004.63 | 23.38     | 168° 12' 36" |
| 4879 | 529654.91 | 3284009.41 | 23.38     | 168° 12' 36" |
| 4880 | 529632.03 | 3284014.18 | 15.52     | 168° 37' 28" |
| 4881 | 529616.81 | 3284017.24 | 47.72     | 163° 8' 1"   |
| 4882 | 529571.14 | 3284031.09 | 117.8     | 156° 33' 33" |
| 4883 | 529463.07 | 3284077.95 | 49.55     | 155° 57' 20" |
| 4884 | 529417.82 | 3284098.14 | 68.72     | 156° 23' 20" |
| 4885 | 529354.85 | 3284125.66 | 158.52    | 156° 22' 47" |
| 4886 | 529209.62 | 3284189.18 | 46.52     | 156° 22' 38" |
| 4887 | 529167    | 3284207.81 | 250.29    | 156° 22' 36" |
| 4888 | 528937.68 | 3284308.11 | 50.06     | 156° 18' 37" |
| 4889 | 528891.84 | 3284328.23 | 250.29    | 156° 17' 43" |
| 4890 | 528662.66 | 3284428.85 | 63.81     | 156° 14' 47" |
| 4891 | 528604.26 | 3284454.55 | 326.68    | 156° 18' 12" |
| 4892 | 528305.12 | 3284585.84 | 54.47     | 156° 16' 16" |
| 4893 | 528255.26 | 3284607.76 | 216.91    | 156° 17' 13" |
| 4894 | 528056.66 | 3284694.99 | 33.58     | 156° 16' 2"  |
| 4895 | 528025.93 | 3284708.51 | 158.5     | 156° 15' 43" |
| 4896 | 527880.83 | 3284772.32 | 18.98     | 156° 16' 22" |
| 4897 | 527863.45 | 3284779.95 | 83.46     | 156° 16' 36" |
| 4898 | 527787.04 | 3284813.53 | 42 778,00 | 160° 19' 29" |
| 4899 | 527775.56 | 3284817.64 | 15 888,00 | 150° 54' 16" |
| 4900 | 527769.06 | 3284821.25 | 16.69     | 150° 34' 35" |
| 4901 | 527754.53 | 3284829.45 | 42 819,00 | 150° 34' 35" |
| 4902 | 527732.72 | 3284841.75 | 14.16     | 155° 29' 52" |
| 4903 | 527719.84 | 3284847.62 | 75.12     | 155° 53' 59" |
| 4904 | 527651.26 | 3284878.3  | 25.14     | 156° 1' 20"  |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 4905 | 527628.29 | 3284888.51 | 93.08     | 155° 54' 35" |
| 4906 | 527543.32 | 3284926.51 | 91.77     | 155° 57' 21" |
| 4907 | 527459.51 | 3284963.9  | 50.22     | 155° 55' 53" |
| 4908 | 527413.66 | 3284984.38 | 50.05     | 155° 55' 50" |
| 4909 | 527367.96 | 3285004.79 | 248.08    | 155° 55' 50" |
| 4910 | 527141.45 | 3285105.97 | 151.58    | 155° 51' 46" |
| 4911 | 527003.12 | 3285167.95 | 31.21     | 156° 17' 9"  |
| 4912 | 526974.55 | 3285180.51 | 158.44    | 156° 18' 43" |
| 4913 | 526829.46 | 3285244.16 | 17.65     | 158° 16' 10" |
| 4914 | 526813.06 | 3285250.7  | 83.49     | 158° 31' 18" |
| 4915 | 526735.37 | 3285281.27 | 16 011,00 | 165° 6' 47"  |
| 4916 | 526724.32 | 3285284.2  | 13 302,00 | 168° 5' 57"  |
| 4917 | 526718.1  | 3285285.51 | 42.82     | 168° 9' 39"  |
| 4918 | 526676.19 | 3285294.3  | 42 885,00 | 168° 15' 46" |
| 4919 | 526646.77 | 3285300.41 | 42 814,00 | 168° 15' 46" |
| 4920 | 526627.16 | 3285304.49 | 39.11     | 171° 25' 37" |
| 4921 | 526588.48 | 3285310.32 | 200.24    | 171° 27' 9"  |
| 4922 | 526390.47 | 3285340.08 | 106.87    | 171° 27' 50" |
| 4923 | 526284.78 | 3285355.94 | 218.46    | 171° 22' 24" |
| 4924 | 526068.79 | 3285388.71 | 1761.54   | 171° 28' 31" |
| 4925 | 524326.71 | 3285649.83 | 117.33    | 171° 27' 19" |
| 4926 | 524210.68 | 3285667.27 | 201.85    | 148° 19' 55" |
| 4927 | 524038.88 | 3285773.24 | 40.38     | 148° 19' 56" |
| 4928 | 524004.51 | 3285794.44 | 209.68    | 148° 20' 59" |
| 4929 | 523826.01 | 3285904.46 | 41.67     | 148° 20' 57" |
| 4930 | 523790.54 | 3285926.33 | 132.53    | 148° 17' 17" |
| 4931 | 523677.8  | 3285995.99 | 43 003,00 | 148° 17' 16" |
| 4932 | 523655.77 | 3286009.61 | 31.9      | 148° 13' 51" |
| 4933 | 523628.65 | 3286026.4  | 84.16     | 148° 17' 26" |
| 4934 | 523557.05 | 3286070.64 | 19.51     | 148° 17' 27" |
| 4935 | 523540.45 | 3286080.89 | 34.49     | 148° 18' 9"  |
| 4936 | 523511.11 | 3286099.01 | 374.42    | 148° 18' 11" |
| 4937 | 523192.54 | 3286295.74 | 68.9      | 148° 49' 1"  |
| 4938 | 523133.6  | 3286331.41 | 48.6      | 212° 36' 27" |
| 4939 | 523092.66 | 3286305.22 | 23.52     | 212° 40' 43" |
| 4940 | 523072.87 | 3286292.52 | 42 830,00 | 299° 41' 20" |
| 4941 | 523075.36 | 3286288.15 | 43 093,00 | 212° 31' 1"  |
| 4942 | 523055.02 | 3286275.18 | 42 125,00 | 288° 36' 38" |
| 4943 | 523056.66 | 3286270.3  | 91.5      | 213° 4' 22"  |
| 4944 | 522979.99 | 3286220.37 | 14.55     | 211° 51' 18" |
| 4945 | 522967.64 | 3286212.69 | 233.85    | 302° 57' 19" |
| 4946 | 523094.85 | 3286016.46 | 42 865,00 | 212° 56' 47" |
| 4947 | 523086.04 | 3286010.75 | 14.44     | 302° 56' 47" |
| 4948 | 523093.89 | 3285998.64 | 93.49     | 212° 56' 47" |
| 4949 | 523015.43 | 3285947.79 | 36.43     | 123° 2' 2"   |
| 4950 | 522995.57 | 3285978.33 | 93.55     | 32° 57' 48"  |
| 4951 | 523074.06 | 3286029.23 | 14.14     | 302° 56' 47" |
| 4952 | 523081.75 | 3286017.36 | 42 857,00 | 32° 56' 47"  |
| 4953 | 523083.85 | 3286018.72 | 225.59    | 122° 57' 28" |
| 4954 | 522961.12 | 3286208.01 | 44.48     | 212° 50' 44" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 4955 | 522923.76 | 3286183.88 | 42 837,00 | 302° 34' 7"  |
| 4956 | 522930.24 | 3286173.74 | 42 583,00 | 212° 3' 27"  |
| 4957 | 522923.32 | 3286169.41 | 14 215,00 | 122° 47' 57" |
| 4958 | 522916.61 | 3286179.81 | 15.42     | 213° 26' 4"  |
| 4959 | 522903.74 | 3286171.32 | 65.22     | 214° 54' 44" |
| 4960 | 522850.26 | 3286133.99 | 13.66     | 219° 20' 13" |
| 4961 | 522839.7  | 3286125.33 | 42 784,00 | 261° 24' 56" |
| 4962 | 522836.98 | 3286107.33 | 30.61     | 123° 17' 29" |
| 4963 | 522820.18 | 3286132.92 | 27.57     | 212° 57' 48" |
| 4964 | 522797.05 | 3286117.92 | 49.22     | 212° 57' 48" |
| 4965 | 522755.75 | 3286091.14 | 178.35    | 212° 57' 48" |
| 4966 | 522606.11 | 3285994.1  | 95.64     | 212° 48' 23" |
| 4967 | 522525.72 | 3285942.28 | 141.41    | 212° 46' 35" |
| 4968 | 522406.83 | 3285865.73 | 191.54    | 211° 35' 7"  |
| 4969 | 522243.66 | 3285765.4  | 81.96     | 211° 19' 21" |
| 4970 | 522173.65 | 3285722.8  | 91.33     | 175° 49' 22" |
| 4971 | 522082.56 | 3285729.45 | 297.33    | 175° 42' 33" |
| 4972 | 521786.06 | 3285751.7  | 289.74    | 175° 44' 44" |
| 4973 | 521497.12 | 3285773.19 | 102.27    | 175° 43' 31" |
| 4974 | 521395.13 | 3285780.81 | 150.6     | 175° 43' 9"  |
| 4975 | 521244.95 | 3285792.06 | 197.8     | 175° 43' 6"  |
| 4976 | 521047.7  | 3285806.82 | 124.95    | 175° 38' 21" |
| 4977 | 520923.12 | 3285816.32 | 115.55    | 175° 41' 29" |
| 4978 | 520807.9  | 3285825    | 222.81    | 175° 42' 27" |
| 4979 | 520585.71 | 3285841.68 | 256.36    | 191° 31' 22" |
| 4980 | 520334.52 | 3285790.47 | 196.78    | 191° 26' 14" |
| 4981 | 520141.64 | 3285751.45 | 20 852,00 | 191° 4' 15"  |
| 4982 | 520139.11 | 3285750.96 | 36.78     | 192° 0' 44"  |
| 4983 | 520103.14 | 3285743.3  | 46 508,00 | 192° 58' 4"  |
| 4984 | 520098.01 | 3285742.12 | 1890.62   | 191° 36' 46" |
| 4985 | 518246.09 | 3285361.54 | 202.7     | 191° 29' 53" |
| 4986 | 518047.46 | 3285321.14 | 260.83    | 191° 30' 26" |
| 4987 | 517791.87 | 3285269.11 | 120.56    | 211° 18' 57" |
| 4988 | 517688.87 | 3285206.44 | 52.56     | 211° 19' 13" |
| 4989 | 517643.97 | 3285179.12 | 50.49     | 211° 19' 4"  |
| 4990 | 517600.84 | 3285152.88 | 71.58     | 211° 19' 4"  |
| 4991 | 517539.68 | 3285115.67 | 200.87    | 211° 17' 57" |
| 4992 | 517368.04 | 3285011.31 | 989.02    | 211° 19' 15" |
| 4993 | 516523.15 | 3284497.19 | 21.36     | 211° 19' 2"  |
| 4994 | 516504.9  | 3284486.09 | 1258.89   | 211° 19' 2"  |
| 4995 | 515429.43 | 3283831.75 | 291.35    | 224° 21' 46" |
| 4996 | 515221.13 | 3283628.04 | 41.3      | 211° 3' 56"  |
| 4997 | 515185.76 | 3283606.73 | 137.34    | 211° 38' 47" |
| 4998 | 515068.84 | 3283534.67 | 74.16     | 211° 32' 50" |
| 4999 | 515005.65 | 3283495.87 | 186.7     | 211° 12' 58" |
| 5000 | 514845.98 | 3283399.11 | 247.64    | 210° 45' 13" |
| 5001 | 514633.16 | 3283272.48 | 127.96    | 212° 11' 34" |
| 5002 | 514524.87 | 3283204.3  | 556.07    | 211° 19' 18" |
| 5003 | 514049.84 | 3282915.24 | 161.15    | 222° 45' 37" |
| 5004 | 513931.52 | 3282805.82 | 731.52    | 232° 18' 42" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 5005 | 513484.29 | 3282226.94 | 299.89    | 231° 59' 7"  |
| 5006 | 513299.6  | 3281990.67 | 148.43    | 232° 38' 14" |
| 5007 | 513209.52 | 3281872.69 | 916.87    | 232° 21' 12" |
| 5008 | 512649.5  | 3281146.72 | 68.27     | 207° 12' 46" |
| 5009 | 512588.79 | 3281115.5  | 42 970,00 | 214° 10' 22" |
| 5010 | 512569.7  | 3281102.54 | 43.38     | 233° 36' 8"  |
| 5011 | 512543.96 | 3281067.62 | 265.41    | 242° 2' 21"  |
| 5012 | 512419.51 | 3280833.19 | 384.33    | 226° 5' 49"  |
| 5013 | 512153.01 | 3280556.28 | 215.68    | 225° 15' 22" |
| 5014 | 512001.18 | 3280403.09 | 112.9     | 226° 2' 18"  |
| 5015 | 511922.81 | 3280321.82 | 72.27     | 224° 31' 16" |
| 5016 | 511871.28 | 3280271.15 | 106.4     | 284° 7' 25"  |
| 5017 | 511897.25 | 3280167.97 | 217.93    | 229° 16' 41" |
| 5018 | 511755.07 | 3280002.81 | 475.17    | 240° 13' 33" |
| 5019 | 511519.11 | 3279590.36 | 110.23    | 180° 2' 26"  |
| 5020 | 511408.88 | 3279590.28 | 158.14    | 240° 22' 57" |
| 5021 | 511330.73 | 3279452.81 | 952.78    | 240° 13' 23" |
| 5022 | 510857.55 | 3278625.83 | 271.43    | 240° 13' 33" |
| 5023 | 510722.76 | 3278390.23 | 289.5     | 240° 13' 42" |
| 5024 | 510579.01 | 3278138.94 | 436.25    | 240° 18' 5"  |
| 5025 | 510362.87 | 3277759.99 | 213.28    | 229° 28' 46" |
| 5026 | 510224.3  | 3277597.86 | 105.51    | 254° 20' 20" |
| 5027 | 510195.82 | 3277496.27 | 208.15    | 240° 20' 44" |
| 5028 | 510092.84 | 3277315.39 | 42 855,00 | 240° 22' 53" |
| 5029 | 510077.81 | 3277288.96 | 1115.23   | 240° 21' 1"  |
| 5030 | 509526.11 | 3276319.76 | 190.5     | 233° 19' 13" |
| 5031 | 509412.32 | 3276166.98 | 135.92    | 252° 21' 15" |
| 5032 | 509371.12 | 3276037.45 | 39.42     | 330° 32' 22" |
| 5033 | 509405.44 | 3276018.06 | 8,00      | 240° 32' 40" |
| 5034 | 509401.5  | 3276011.1  | 37.75     | 150° 32' 40" |
| 5035 | 509368.64 | 3276029.66 | 23.98     | 252° 21' 15" |
| 5036 | 509361.37 | 3276006.81 | 36.53     | 239° 48' 54" |
| 5037 | 509343    | 3275975.23 | 31.47     | 330° 21' 48" |
| 5038 | 509370.35 | 3275959.67 | 15.41     | 21° 31' 10"  |
| 5039 | 509384.69 | 3275965.32 | 14.72     | 38° 47' 17"  |
| 5040 | 509396.16 | 3275974.54 | 18.54     | 52° 10' 22"  |
| 5041 | 509407.53 | 3275989.18 | 46.81     | 59° 1' 30"   |
| 5042 | 509431.62 | 3276029.32 | 13.39     | 70° 0' 14"   |
| 5043 | 509436.2  | 3276041.9  | 64.64     | 59° 4' 32"   |
| 5044 | 509469.42 | 3276097.35 | 13.74     | 76° 6' 14"   |
| 5045 | 509472.72 | 3276110.69 | 19 906,00 | 105° 13' 3"  |
| 5046 | 509470.74 | 3276117.97 | 30 011,00 | 57° 4' 35"   |
| 5047 | 509472.81 | 3276121.18 | 46 874,00 | 317° 31' 31" |
| 5048 | 509476.71 | 3276117.61 | 13.19     | 322° 19' 51" |
| 5049 | 509487.15 | 3276109.55 | 0.06      | 329° 2' 10"  |
| 5050 | 509487.2  | 3276109.52 | 0.06      | 329° 2' 10"  |
| 5051 | 509487.25 | 3276109.49 | 19.73     | 329° 4' 52"  |
| 5052 | 509504.18 | 3276099.35 | 0.93      | 331° 30' 34" |
| 5053 | 509505    | 3276098.91 | 27 760,00 | 234° 40' 56" |
| 5054 | 509503.98 | 3276097.47 | 31 747,00 | 178° 51' 24" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 5055 | 509491.12 | 3276097.73 | 26 238,00 | 217° 27' 18" |
| 5056 | 509481.83 | 3276090.61 | 63.76     | 240° 3' 52"  |
| 5057 | 509450.01 | 3276035.36 | 14.61     | 231° 25' 2"  |
| 5058 | 509440.9  | 3276023.94 | 47.97     | 239° 49' 15" |
| 5059 | 509416.78 | 3275982.47 | 18.76     | 237° 52' 38" |
| 5060 | 509406.81 | 3275966.58 | 16.83     | 220° 57' 9"  |
| 5061 | 509394.1  | 3275955.55 | 29 799,00 | 203° 23' 45" |
| 5062 | 509386.01 | 3275952.05 | 227.57    | 330° 28' 3"  |
| 5063 | 509584.01 | 3275839.88 | 47 058,00 | 240° 19' 2"  |
| 5064 | 509578.43 | 3275830.08 | 14.31     | 330° 19' 2"  |
| 5065 | 509590.86 | 3275822.99 | 93.56     | 240° 19' 0"  |
| 5066 | 509544.53 | 3275741.71 | 36.43     | 150° 18' 1"  |
| 5067 | 509512.89 | 3275759.76 | 93.55     | 60° 19' 2"   |
| 5068 | 509559.21 | 3275841.03 | 43 083,00 | 330° 19' 2"  |
| 5069 | 509571.48 | 3275834.04 | 46 082,00 | 60° 19' 2"   |
| 5070 | 509573.09 | 3275836.87 | 227.05    | 150° 29' 51" |
| 5071 | 509375.48 | 3275948.69 | 17 685,00 | 191° 12' 37" |
| 5072 | 509369.13 | 3275947.43 | 32 813,00 | 184° 3' 14"  |
| 5073 | 509357.27 | 3275946.59 | 30.45     | 180° 45' 8"  |
| 5074 | 509326.82 | 3275946.19 | 76.77     | 239° 48' 36" |
| 5075 | 509288.22 | 3275879.83 | 0.06      | 328° 31' 47" |
| 5076 | 509288.27 | 3275879.79 | 42 891,00 | 285° 21' 53" |
| 5077 | 509289.61 | 3275874.91 | 26,00     | 240° 18' 42" |
| 5078 | 509276.73 | 3275852.33 | 42 860,00 | 195° 23' 13" |
| 5079 | 509271.87 | 3275850.99 | 832.93    | 240° 28' 15" |
| 5080 | 508861.34 | 3275126.25 | 127.76    | 241° 46' 1"  |
| 5081 | 508800.9  | 3275013.69 | 99.99     | 240° 24' 12" |
| 5082 | 508751.52 | 3274926.75 | 109.98    | 239° 59' 14" |
| 5083 | 508696.51 | 3274831.52 | 102.62    | 240° 28' 10" |
| 5084 | 508645.93 | 3274742.22 | 190.89    | 235° 15' 28" |
| 5085 | 508537.14 | 3274585.37 | 1595.67   | 220° 24' 24" |
| 5086 | 507322.1  | 3273551.04 | 99.99     | 220° 6' 4"   |
| 5087 | 507245.62 | 3273486.63 | 109.99    | 220° 7' 8"   |
| 5088 | 507161.51 | 3273415.76 | 190.12    | 220° 14' 31" |
| 5089 | 507016.39 | 3273292.94 | 160.75    | 220° 28' 13" |
| 5090 | 506894.09 | 3273188.6  | 119.43    | 183° 24' 24" |
| 5091 | 506774.87 | 3273181.5  | 57.04     | 148° 27' 6"  |
| 5092 | 506726.26 | 3273211.35 | 149.98    | 148° 28' 34" |
| 5093 | 506598.41 | 3273289.76 | 199.97    | 148° 20' 4"  |
| 5094 | 506428.21 | 3273394.74 | 149.98    | 148° 11' 16" |
| 5095 | 506300.76 | 3273473.8  | 149.98    | 148° 9' 38"  |
| 5096 | 506173.35 | 3273552.92 | 99.91     | 148° 7' 41"  |
| 5097 | 506088.5  | 3273605.68 | 100.06    | 148° 14' 49" |
| 5098 | 506003.41 | 3273658.34 | 99.99     | 148° 14' 49" |
| 5099 | 505918.39 | 3273710.96 | 189.93    | 147° 28' 17" |
| 5100 | 505758.26 | 3273813.09 | 159.96    | 146° 18' 53" |
| 5101 | 505625.16 | 3273901.81 | 149.98    | 145° 46' 19" |
| 5102 | 505501.15 | 3273986.17 | 100,00    | 146° 8' 41"  |
| 5103 | 505418.11 | 3274041.88 | 149.96    | 146° 33' 27" |
| 5104 | 505292.98 | 3274124.52 | 89.99     | 145° 43' 29" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 5105 | 505218.61 | 3274175.2  | 407.96    | 146° 26' 11" |
| 5106 | 504878.67 | 3274400.74 | 101.51    | 145° 9' 32"  |
| 5107 | 504795.36 | 3274458.74 | 48.22     | 146° 45' 56" |
| 5108 | 504755.03 | 3274485.16 | 50.01     | 148° 34' 23" |
| 5109 | 504712.36 | 3274511.24 | 90.01     | 148° 32' 32" |
| 5110 | 504635.58 | 3274558.21 | 42 896,00 | 151° 31' 30" |
| 5111 | 504626.73 | 3274563.01 | 82.4      | 158° 21' 46" |
| 5112 | 504550.14 | 3274593.39 | 157.63    | 158° 42' 55" |
| 5113 | 504403.26 | 3274650.61 | 71.26     | 158° 26' 49" |
| 5114 | 504336.98 | 3274676.79 | 128.49    | 147° 54' 31" |
| 5115 | 504228.12 | 3274745.05 | 67.15     | 147° 56' 40" |
| 5116 | 504171.21 | 3274780.69 | 82.62     | 135° 8' 56"  |
| 5117 | 504112.64 | 3274838.96 | 110.05    | 135° 11' 38" |
| 5118 | 504034.56 | 3274916.52 | 129.41    | 135° 8' 43"  |
| 5119 | 503942.82 | 3275007.79 | 79.21     | 135° 16' 58" |
| 5120 | 503886.53 | 3275063.52 | 31.47     | 145° 32' 40" |
| 5121 | 503860.58 | 3275081.33 | 99.99     | 145° 36' 49" |
| 5122 | 503778.07 | 3275137.8  | 99.99     | 145° 36' 49" |
| 5123 | 503695.55 | 3275194.27 | 99.99     | 145° 40' 37" |
| 5124 | 503612.97 | 3275250.65 | 149.92    | 145° 44' 37" |
| 5125 | 503489.06 | 3275335.04 | 12,00     | 149° 14' 4"  |
| 5126 | 503478.75 | 3275341.18 | 39.89     | 160° 30' 42" |
| 5127 | 503441.14 | 3275354.49 | 14.34     | 179° 20' 17" |
| 5128 | 503426.8  | 3275354.65 | 22.36     | 204° 12' 37" |
| 5129 | 503406.41 | 3275345.48 | 42 877,00 | 219° 44' 9"  |
| 5130 | 503389.1  | 3275331.1  | 40.05     | 227° 3' 36"  |
| 5131 | 503361.82 | 3275301.78 | 49.99     | 227° 7' 45"  |
| 5132 | 503327.81 | 3275265.14 | 99.99     | 227° 7' 45"  |
| 5133 | 503259.78 | 3275191.86 | 149.97    | 227° 7' 45"  |
| 5134 | 503157.75 | 3275081.95 | 99.92     | 226° 8' 23"  |
| 5135 | 503088.51 | 3275009.9  | 60.05     | 226° 8' 58"  |
| 5136 | 503046.91 | 3274966.59 | 100,00    | 226° 9' 40"  |
| 5137 | 502977.64 | 3274894.46 | 101.3     | 227° 5' 41"  |
| 5138 | 502908.68 | 3274820.26 | 138.61    | 227° 25' 55" |
| 5139 | 502814.91 | 3274718.17 | 50.05     | 227° 21' 25" |
| 5140 | 502781.01 | 3274681.36 | 49.94     | 227° 29' 45" |
| 5141 | 502747.27 | 3274644.54 | 100.03    | 227° 3' 19"  |
| 5142 | 502679.12 | 3274571.32 | 78.75     | 226° 52' 39" |
| 5143 | 502625.29 | 3274513.84 | 121.23    | 226° 50' 48" |
| 5144 | 502542.37 | 3274425.4  | 149.98    | 226° 50' 9"  |
| 5145 | 502439.77 | 3274316.01 | 109.99    | 226° 47' 46" |
| 5146 | 502364.47 | 3274235.83 | 218.02    | 226° 43' 29" |
| 5147 | 502215.02 | 3274077.1  | 131.94    | 226° 50' 50" |
| 5148 | 502124.78 | 3273980.85 | 189.97    | 226° 45' 23" |
| 5149 | 501994.63 | 3273842.46 | 159.98    | 226° 47' 18" |
| 5150 | 501885.09 | 3273725.86 | 139.98    | 226° 45' 4"  |
| 5151 | 501789.18 | 3273623.9  | 109.99    | 226° 47' 46" |
| 5152 | 501713.88 | 3273543.73 | 68.74     | 226° 45' 7"  |
| 5153 | 501666.78 | 3273493.66 | 71.24     | 226° 45' 1"  |
| 5154 | 501617.97 | 3273441.77 | 127.35    | 226° 45' 54" |

## Ведомость координат поворотных точек красных линий

|      |           |            |        |              |
|------|-----------|------------|--------|--------------|
| 5155 | 501530.74 | 3273348.99 | 72.62  | 226° 46' 53" |
| 5156 | 501481.01 | 3273296.07 | 60,00  | 226° 49' 2"  |
| 5157 | 501439.95 | 3273252.32 | 192.59 | 226° 25' 41" |
| 5158 | 501307.21 | 3273112.79 | 97.37  | 226° 35' 29" |
| 5159 | 501240.29 | 3273042.05 | 99.98  | 226° 50' 1"  |
| 5160 | 501171.89 | 3272969.12 | 69.45  | 226° 40' 51" |
| 5161 | 501124.24 | 3272918.59 | 130.47 | 227° 6' 49"  |
| 5162 | 501035.45 | 3272822.99 | 150.03 | 227° 7' 15"  |
| 5163 | 500933.36 | 3272713.05 | 98.17  | 226° 52' 21" |
| 5164 | 500866.25 | 3272641.41 | 61.86  | 225° 4' 57"  |
| 5165 | 500822.57 | 3272597.6  | 105.09 | 230° 47' 42" |
| 5166 | 500756.14 | 3272516.17 | 35.54  | 241° 7' 9"   |
| 5167 | 500738.98 | 3272485.05 | 50.07  | 242° 26' 35" |
| 5168 | 500715.82 | 3272440.66 | 50.04  | 241° 19' 57" |
| 5169 | 500691.81 | 3272396.76 | 121.99 | 248° 12' 59" |
| 5170 | 500646.54 | 3272283.48 | 88.94  | 260° 26' 42" |
| 5171 | 500631.78 | 3272195.77 | 100.06 | 263° 16' 17" |
| 5172 | 500620.05 | 3272096.41 | 118.73 | 263° 15' 37" |
| 5173 | 500606.12 | 3271978.5  | 71.25  | 263° 15' 2"  |
| 5174 | 500597.75 | 3271907.75 | 99.95  | 263° 16' 7"  |
| 5175 | 500586.03 | 3271808.49 | 110.04 | 263° 19' 19" |
| 5176 | 500573.24 | 3271699.2  | 99.99  | 263° 47' 14" |
| 5177 | 500562.42 | 3271599.8  | 108.01 | 263° 46' 56" |
| 5178 | 500550.72 | 3271492.42 | 81.94  | 263° 45' 26" |
| 5179 | 500541.81 | 3271410.96 | 100,00 | 263° 27' 49" |
| 5180 | 500530.42 | 3271311.61 | 259.96 | 263° 29' 47" |
| 5181 | 500500.98 | 3271053.32 | 189.97 | 263° 2' 41"  |
| 5182 | 500477.97 | 3270864.75 | 38.19  | 264° 6' 20"  |
| 5183 | 500474.05 | 3270826.77 | 90.56  | 262° 43' 57" |
| 5184 | 500462.6  | 3270736.94 | 71.29  | 263° 11' 32" |
| 5185 | 500454.14 | 3270666.15 | 78.77  | 267° 31' 16" |
| 5186 | 500450.74 | 3270587.45 | 131.24 | 267° 22' 27" |
| 5187 | 500444.73 | 3270456.35 | 149.98 | 267° 13' 1"  |
| 5188 | 500437.44 | 3270306.55 | 199.98 | 267° 21' 17" |
| 5189 | 500428.21 | 3270106.78 | 139.98 | 267° 15' 56" |
| 5190 | 500421.54 | 3269966.97 | 100,00 | 267° 12' 2"  |
| 5191 | 500416.65 | 3269867.09 | 99.99  | 267° 48' 27" |
| 5192 | 500412.83 | 3269767.17 | 199.96 | 267° 19' 52" |
| 5193 | 500403.51 | 3269567.43 | 99.99  | 267° 6' 49"  |
| 5194 | 500398.48 | 3269467.57 | 109.99 | 267° 14' 0"  |
| 5195 | 500393.17 | 3269357.71 | 99.99  | 267° 11' 55" |
| 5196 | 500388.28 | 3269257.84 | 89.98  | 267° 0' 21"  |
| 5197 | 500383.58 | 3269167.98 | 59.99  | 267° 4' 59"  |
| 5198 | 500380.53 | 3269108.06 | 139.98 | 267° 8' 5"   |
| 5199 | 500373.53 | 3268968.25 | 60,00  | 267° 25' 43" |
| 5200 | 500370.84 | 3268908.31 | 89.99  | 267° 20' 32" |
| 5201 | 500366.67 | 3268818.42 | 29.99  | 268° 6' 1"   |
| 5202 | 500365.67 | 3268788.44 | 167.2  | 267° 51' 37" |
| 5203 | 500359.43 | 3268621.36 | 39.57  | 266° 13' 7"  |
| 5204 | 500356.82 | 3268581.88 | 95.28  | 261° 55' 48" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 5205 | 500343.45 | 3268487.54 | 265.07    | 261° 58' 3"  |
| 5206 | 500306.41 | 3268225.07 | 155.46    | 261° 51' 36" |
| 5207 | 500284.39 | 3268071.18 | 165.7     | 261° 16' 8"  |
| 5208 | 500259.24 | 3267907.4  | 300.02    | 261° 19' 54" |
| 5209 | 500214.03 | 3267610.81 | 107.6     | 261° 27' 26" |
| 5210 | 500198.04 | 3267504.4  | 26 115,00 | 353° 23' 30" |
| 5211 | 500205.7  | 3267503.51 | 31.81     | 261° 21' 6"  |
| 5212 | 500200.92 | 3267472.07 | 19 238,00 | 55° 44' 58"  |
| 5213 | 500206.28 | 3267479.93 | 42 857,00 | 351° 22' 50" |
| 5214 | 500208.75 | 3267479.56 | 34.5      | 261° 22' 50" |
| 5215 | 500203.58 | 3267445.45 | 42 857,00 | 171° 22' 50" |
| 5216 | 500201.11 | 3267445.83 | 42 744,00 | 105° 49' 53" |
| 5217 | 500198.63 | 3267454.58 | 12 997,00 | 154° 15' 39" |
| 5218 | 500191.1  | 3267458.21 | 122.13    | 261° 29' 59" |
| 5219 | 500173.05 | 3267337.42 | 31 260,00 | 351° 18' 29" |
| 5220 | 500181.8  | 3267336.08 | 6,00      | 261° 18' 29" |
| 5221 | 500180.89 | 3267330.15 | 30 529,00 | 171° 18' 29" |
| 5222 | 500172.16 | 3267331.49 | 32.45     | 261° 29' 29" |
| 5223 | 500167.36 | 3267299.4  | 42 971,00 | 351° 57' 1"  |
| 5224 | 500191.2  | 3267296.02 | 8,00      | 261° 56' 56" |
| 5225 | 500190.08 | 3267288.1  | 24.14     | 171° 56' 54" |
| 5226 | 500166.18 | 3267291.49 | 105.83    | 261° 50' 34" |
| 5227 | 500151.16 | 3267186.72 | 147.39    | 261° 59' 11" |
| 5228 | 500130.61 | 3267040.77 | 40.2      | 265° 14' 46" |
| 5229 | 500127.28 | 3267000.71 | 102.62    | 270° 38' 37" |
| 5230 | 500128.43 | 3266898.1  | 64.06     | 274° 36' 40" |
| 5231 | 500133.58 | 3266834.24 | 36.06     | 277° 11' 21" |
| 5232 | 500138.1  | 3266798.46 | 50,00     | 280° 52' 31" |
| 5233 | 500147.53 | 3266749.36 | 138.11    | 279° 55' 57" |
| 5234 | 500171.35 | 3266613.32 | 61.87     | 280° 8' 40"  |
| 5235 | 500182.25 | 3266552.41 | 91.44     | 279° 54' 17" |
| 5236 | 500197.98 | 3266462.33 | 57.98     | 241° 31' 49" |
| 5237 | 500170.34 | 3266411.36 | 30.63     | 241° 39' 16" |
| 5238 | 500155.8  | 3266384.41 | 28.33     | 249° 35' 9"  |
| 5239 | 500145.92 | 3266357.85 | 42.06     | 270° 43' 43" |
| 5240 | 500146.45 | 3266315.8  | 110.67    | 279° 59' 15" |
| 5241 | 500165.65 | 3266206.8  | 445.18    | 279° 59' 15" |
| 5242 | 500242.85 | 3265768.37 | 3223.01   | 279° 56' 5"  |
| 5243 | 500798.91 | 3262593.69 | 54.57     | 279° 36' 30" |
| 5244 | 500808.02 | 3262539.89 | 15 342,00 | 283° 37' 24" |
| 5245 | 500808.35 | 3262538.51 | 637.58    | 279° 54' 38" |
| 5246 | 500918.09 | 3261910.45 | 43 252,00 | 279° 54' 38" |
| 5247 | 500919.15 | 3261904.36 | 13.36     | 279° 56' 58" |
| 5248 | 500921.46 | 3261891.2  | 1737.45   | 241° 54' 2"  |
| 5249 | 500103.11 | 3260358.54 | 42 858,00 | 334° 15' 26" |
| 5250 | 500106.27 | 3260357.02 | 217.7     | 61° 59' 32"  |
| 5251 | 500208.5  | 3260549.23 | 19.57     | 53° 21' 10"  |
| 5252 | 500220.18 | 3260564.93 | 33.5      | 44° 22' 16"  |
| 5253 | 500244.13 | 3260588.36 | 33.37     | 30° 59' 4"   |
| 5254 | 500272.74 | 3260605.54 | 30.68     | 20° 51' 4"   |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 5255 | 500301.41 | 3260616.46 | 33.78     | 7° 48' 31"   |
| 5256 | 500334.88 | 3260621.05 | 34.54     | 356° 50' 49" |
| 5257 | 500369.37 | 3260619.15 | 30.58     | 343° 40' 7"  |
| 5258 | 500398.72 | 3260610.55 | 23.27     | 332° 36' 50" |
| 5259 | 500419.39 | 3260599.84 | 42 800,00 | 332° 36' 50" |
| 5260 | 500424.74 | 3260597.07 | 23 863,00 | 332° 36' 50" |
| 5261 | 500429.76 | 3260594.47 | 220.69    | 326° 17' 48" |
| 5262 | 500613.36 | 3260472.01 | 42 903,00 | 13° 30' 8"   |
| 5263 | 500629.95 | 3260476    | 17.77     | 250° 40' 38" |
| 5264 | 500624.07 | 3260459.22 | 36 220,00 | 250° 40' 38" |
| 5265 | 500622.75 | 3260455.46 | 42 798,00 | 250° 40' 38" |
| 5266 | 500621.41 | 3260451.65 | 43 044,00 | 250° 40' 38" |
| 5267 | 500619.72 | 3260446.83 | 42 820,00 | 346° 9' 45"  |
| 5268 | 500645    | 3260440.6  | 42 958,00 | 346° 9' 52"  |
| 5269 | 500655.76 | 3260437.95 | 21 855,00 | 346° 8' 36"  |
| 5270 | 500667.01 | 3260435.18 | 19.59     | 28° 4' 52"   |
| 5271 | 500684.29 | 3260444.4  | 0,00      | 0° 0' 0"     |
| 5272 | 500684.29 | 3260444.4  | 45 352,00 | 28° 4' 22"   |
| 5273 | 500687.15 | 3260445.92 | 342.14    | 28° 6' 40"   |
| 5274 | 500988.93 | 3260607.13 | 18 994,00 | 345° 52' 19" |
| 5275 | 500990.4  | 3260606.76 | 27 576,00 | 76° 9' 54"   |
| 5276 | 500992.25 | 3260614.29 | 32.76     | 76° 8' 28"   |
| 5277 | 501000.1  | 3260646.09 | 30.63     | 345° 57' 59" |
| 5278 | 501029.82 | 3260638.66 | 87.56     | 256° 6' 12"  |
| 5279 | 501008.79 | 3260553.66 | 30.56     | 165° 59' 14" |
| 5280 | 500979.13 | 3260561.06 | 37.63     | 76° 9' 11"   |
| 5281 | 500988.14 | 3260597.6  | 0.05      | 76° 8' 36"   |
| 5282 | 500988.15 | 3260597.65 | 328.38    | 208° 6' 38"  |
| 5283 | 500698.51 | 3260442.93 | 42 858,00 | 208° 1' 30"  |
| 5284 | 500695.42 | 3260441.28 | 31,00     | 208° 6' 26"  |
| 5285 | 500668.08 | 3260426.68 | 25.13     | 166° 9' 22"  |
| 5286 | 500643.68 | 3260432.69 | 0,00      | 23° 32' 36"  |
| 5287 | 500643.68 | 3260432.69 | 34.78     | 166° 10' 9"  |
| 5288 | 500609.91 | 3260441    | 33 298,00 | 166° 9' 50"  |
| 5289 | 500606.12 | 3260441.94 | 18 810,00 | 166° 11' 6"  |
| 5290 | 500598.83 | 3260443.73 | 40.56     | 257° 10' 56" |
| 5291 | 500589.83 | 3260404.18 | 8,00      | 167° 11' 8"  |
| 5292 | 500582.03 | 3260405.96 | 48.7      | 77° 11' 25"  |
| 5293 | 500592.83 | 3260453.45 | 15.55     | 346° 9' 50"  |
| 5294 | 500607.93 | 3260449.73 | 31 837,00 | 346° 9' 50"  |
| 5295 | 500611.69 | 3260448.81 | 16 923,00 | 122° 8' 14"  |
| 5296 | 500608.78 | 3260453.43 | 0,00      | 0° 0' 0"     |
| 5297 | 500608.78 | 3260453.43 | 227.2     | 146° 17' 55" |
| 5298 | 500419.77 | 3260579.49 | 42 849,00 | 152° 48' 41" |
| 5299 | 500398.39 | 3260590.47 | 42 861,00 | 152° 48' 41" |
| 5300 | 500393.01 | 3260593.24 | 0,00      | 0° 0' 0"     |
| 5301 | 500393.01 | 3260593.24 | 42 005,00 | 152° 48' 41" |
| 5302 | 500391.99 | 3260593.76 | 26.77     | 163° 39' 49" |
| 5303 | 500366.3  | 3260601.29 | 30.74     | 176° 50' 53" |
| 5304 | 500335.61 | 3260602.98 | 30,00     | 187° 49' 0"  |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 5305 | 500305.89 | 3260598.9  | 42 793,00 | 200° 50' 11" |
| 5306 | 500280.64 | 3260589.29 | 29.66     | 210° 59' 1"  |
| 5307 | 500255.21 | 3260574.02 | 29.45     | 224° 22' 12" |
| 5308 | 500234.16 | 3260553.43 | 0.12      | 194° 4' 7"   |
| 5309 | 500234.04 | 3260553.4  | 0.12      | 14° 4' 7"    |
| 5310 | 500234.16 | 3260553.43 | 0.14      | 224° 22' 12" |
| 5311 | 500234.06 | 3260553.33 | 42 952,00 | 236° 2' 33"  |
| 5312 | 500230.82 | 3260548.52 | 18.19     | 236° 2' 33"  |
| 5313 | 500220.66 | 3260533.43 | 42 743,00 | 236° 2' 33"  |
| 5314 | 500216.14 | 3260526.72 | 200.6     | 241° 59' 15" |
| 5315 | 500121.93 | 3260349.63 | 151.51    | 241° 59' 50" |
| 5316 | 500050.79 | 3260215.85 | 66.81     | 241° 57' 43" |
| 5317 | 500019.39 | 3260156.88 | 43 060,00 | 153° 0' 54"  |
| 5318 | 500000.57 | 3260166.46 | 1397.65   | 241° 53' 51" |
| 5319 | 499342.21 | 3258933.58 | 22 463,00 | 250° 40' 38" |
| 5320 | 499339.69 | 3258926.4  | 19 115,00 | 250° 40' 38" |
| 5321 | 499337.86 | 3258921.2  | 42 804,00 | 268° 14' 12" |
| 5322 | 499337.55 | 3258910.9  | 30 348,00 | 268° 14' 12" |
| 5323 | 499337.46 | 3258908.08 | 1364.22   | 277° 0' 59"  |
| 5324 | 499504.1  | 3257554.07 | 50.3      | 300° 11' 22" |
| 5325 | 499529.39 | 3257510.6  | 300.11    | 344° 55' 21" |
| 5326 | 499819.18 | 3257432.53 | 43 160,00 | 260° 51' 5"  |
| 5327 | 499818.67 | 3257429.39 | 1,00      | 254° 17' 29" |
| 5328 | 499818.4  | 3257428.43 | 31 107,00 | 250° 11' 49" |
| 5329 | 499817.09 | 3257424.8  | 303.41    | 164° 55' 21" |
| 5330 | 499524.13 | 3257503.73 | 34.9      | 120° 11' 22" |
| 5331 | 499506.58 | 3257533.89 | 0,00      | 0° 0' 0"     |
| 5332 | 499506.58 | 3257533.89 | 0,00      | 0° 0' 0"     |
| 5333 | 499506.58 | 3257533.89 | 623.39    | 277° 0' 59"  |
| 5334 | 499582.73 | 3256915.17 | 145.29    | 285° 53' 27" |
| 5335 | 499622.51 | 3256775.44 | 21 610,00 | 285° 53' 27" |
| 5336 | 499623.5  | 3256771.98 | 833.61    | 254° 55' 16" |
| 5337 | 499406.63 | 3255967.08 | 808.06    | 255° 1' 4"   |
| 5338 | 499197.74 | 3255186.49 | 30.75     | 255° 1' 4"   |
| 5339 | 499189.79 | 3255156.79 | 46.82     | 235° 53' 7"  |
| 5340 | 499163.53 | 3255118.03 | 33 878,00 | 243° 10' 53" |
| 5341 | 499158.6  | 3255108.28 | 32 509,00 | 257° 46' 24" |
| 5342 | 499158.2  | 3255106.43 | 42 803,00 | 257° 46' 24" |
| 5343 | 499156.29 | 3255097.6  | 97.75     | 265° 4' 10"  |
| 5344 | 499147.89 | 3255000.22 | 457.09    | 255° 1' 4"   |
| 5345 | 499029.72 | 3254558.67 | 2165.47   | 254° 57' 53" |
| 5346 | 498467.96 | 3252467.33 | 1289.21   | 255° 1' 35"  |
| 5347 | 498134.87 | 3251221.9  | 227.83    | 254° 57' 50" |
| 5348 | 498075.76 | 3251001.87 | 297.94    | 254° 57' 31" |
| 5349 | 497998.44 | 3250714.14 | 18.84     | 254° 59' 25" |
| 5350 | 497993.56 | 3250695.94 | 40.91     | 254° 51' 59" |
| 5351 | 497982.88 | 3250656.45 | 46.96     | 238° 19' 54" |
| 5352 | 497958.22 | 3250616.48 | 644.22    | 214° 29' 53" |
| 5353 | 497427.3  | 3250251.61 | 500,00    | 214° 37' 32" |
| 5354 | 497015.86 | 3249967.51 | 280.03    | 214° 19' 38" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 5355 | 496784.59 | 3249809.59 | 108.22    | 218° 12' 45" |
| 5356 | 496699.57 | 3249742.65 | 43.9      | 214° 45' 48" |
| 5357 | 496663.5  | 3249717.62 | 7790.35   | 232° 48' 38" |
| 5358 | 491954.6  | 3243511.51 | 679.75    | 221° 38' 42" |
| 5359 | 491446.64 | 3243059.8  | 32 387,00 | 228° 47' 15" |
| 5360 | 491440.13 | 3243052.38 | 32 387,00 | 241° 58' 29" |
| 5361 | 491435.49 | 3243043.66 | 691.47    | 248° 34' 7"  |
| 5362 | 491182.83 | 3242400    | 0.66      | 212° 24' 27" |
| 5363 | 491182.28 | 3242399.64 | 20 729,00 | 241° 54' 46" |
| 5364 | 491177.31 | 3242390.33 | 50.01     | 243° 35' 21" |
| 5365 | 491155.06 | 3242345.54 | 140,00    | 244° 18' 27" |
| 5366 | 491094.37 | 3242219.38 | 150,00    | 244° 19' 38" |
| 5367 | 491029.38 | 3242084.19 | 200,00    | 244° 24' 4"  |
| 5368 | 490942.97 | 3241903.82 | 231.26    | 244° 28' 54" |
| 5369 | 490843.34 | 3241695.12 | 68.74     | 244° 27' 26" |
| 5370 | 490813.7  | 3241633.1  | 36 404,00 | 244° 23' 29" |
| 5371 | 490809.38 | 3241624.09 | 49.99     | 243° 8' 54"  |
| 5372 | 490786.8  | 3241579.49 | 49.87     | 242° 59' 31" |
| 5373 | 490764.16 | 3241535.06 | 69.88     | 229° 19' 7"  |
| 5374 | 490718.6  | 3241482.06 | 29.98     | 229° 22' 0"  |
| 5375 | 490699.08 | 3241459.31 | 119.99    | 227° 43' 40" |
| 5376 | 490618.37 | 3241370.52 | 101.25    | 227° 44' 26" |
| 5377 | 490550.28 | 3241295.59 | 98.75     | 227° 44' 24" |
| 5378 | 490483.87 | 3241222.5  | 100,00    | 227° 44' 23" |
| 5379 | 490416.62 | 3241148.49 | 119.97    | 227° 43' 44" |
| 5380 | 490335.92 | 3241059.71 | 42 926,00 | 225° 32' 50" |
| 5381 | 490328.87 | 3241052.52 | 39.42     | 232° 39' 59" |
| 5382 | 490304.96 | 3241021.18 | 0.75      | 232° 39' 59" |
| 5383 | 490304.51 | 3241020.59 | 12 328,00 | 244° 51' 51" |
| 5384 | 490300.12 | 3241011.24 | 150.11    | 257° 58' 52" |
| 5385 | 490268.86 | 3240864.42 | 89.99     | 257° 44' 51" |
| 5386 | 490249.77 | 3240776.47 | 44.66     | 255° 57' 10" |
| 5387 | 490238.92 | 3240733.15 | 43.18     | 257° 30' 6"  |
| 5388 | 490229.58 | 3240690.99 | 36.85     | 257° 53' 51" |
| 5389 | 490221.85 | 3240654.96 | 35.85     | 259° 9' 21"  |
| 5390 | 490215.11 | 3240619.75 | 26.98     | 347° 49' 23" |
| 5391 | 490241.48 | 3240614.06 | 8,00      | 257° 49' 23" |
| 5392 | 490239.8  | 3240606.24 | 42 973,00 | 167° 49' 23" |
| 5393 | 490213.6  | 3240611.89 | 42 944,00 | 259° 10' 41" |
| 5394 | 490208.33 | 3240584.32 | 41 791,00 | 355° 4' 8"   |
| 5395 | 490214.45 | 3240583.79 | 42 835,00 | 348° 4' 49"  |
| 5396 | 490224.63 | 3240581.64 | 69.07     | 258° 4' 49"  |
| 5397 | 490210.36 | 3240514.06 | 15.23     | 167° 14' 8"  |
| 5398 | 490195.51 | 3240517.43 | 21.75     | 259° 9' 21"  |
| 5399 | 490191.42 | 3240496.06 | 156.18    | 257° 49' 6"  |
| 5400 | 490158.46 | 3240343.4  | 42 217,00 | 258° 40' 6"  |
| 5401 | 490156.86 | 3240335.41 | 23.47     | 258° 40' 6"  |
| 5402 | 490152.25 | 3240312.4  | 125.68    | 229° 43' 49" |
| 5403 | 490071.01 | 3240216.51 | 111.49    | 348° 14' 8"  |
| 5404 | 490180.16 | 3240193.78 | 362.66    | 329° 33' 20" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 5405 | 490492.81 | 3240010.02 | 27 760,00 | 329° 33' 20" |
| 5406 | 490494.33 | 3240009.13 | 41 518,00 | 239° 36' 2"  |
| 5407 | 490489.71 | 3240001.25 | 42 796,00 | 329° 31' 9"  |
| 5408 | 490491.46 | 3240000.22 | 25.93     | 329° 32' 24" |
| 5409 | 490513.81 | 3239987.08 | 87.6      | 239° 34' 37" |
| 5410 | 490469.45 | 3239911.54 | 30.51     | 149° 34' 38" |
| 5411 | 490443.14 | 3239926.99 | 40.77     | 59° 31' 36"  |
| 5412 | 490463.81 | 3239962.12 | 18 749,00 | 149° 29' 30" |
| 5413 | 490459.07 | 3239964.92 | 47.98     | 59° 33' 16"  |
| 5414 | 490483.38 | 3240006.28 | 355.1     | 149° 33' 20" |
| 5415 | 490177.24 | 3240186.21 | 114.52    | 168° 13' 48" |
| 5416 | 490065.13 | 3240209.57 | 146.99    | 229° 43' 49" |
| 5417 | 489970.12 | 3240097.41 | 19 391,00 | 315° 18' 28" |
| 5418 | 489971.92 | 3240095.63 | 138.29    | 229° 43' 51" |
| 5419 | 489882.53 | 3239990.11 | 19 391,00 | 139° 0' 23"  |
| 5420 | 489880.62 | 3239991.77 | 77.79     | 229° 43' 49" |
| 5421 | 489830.34 | 3239932.42 | 25.16     | 219° 1' 47"  |
| 5422 | 489810.8  | 3239916.57 | 50.06     | 225° 41' 37" |
| 5423 | 489775.83 | 3239880.75 | 199.99    | 225° 56' 31" |
| 5424 | 489636.76 | 3239737.03 | 149.99    | 225° 37' 43" |
| 5425 | 489531.87 | 3239629.82 | 99.69     | 224° 33' 7"  |
| 5426 | 489460.84 | 3239559.88 | 23.15     | 197° 43' 21" |
| 5427 | 489438.78 | 3239552.83 | 26.28     | 187° 21' 17" |
| 5428 | 489412.72 | 3239549.47 | 249.98    | 188° 26' 37" |
| 5429 | 489165.45 | 3239512.76 | 43 007,00 | 185° 15' 0"  |
| 5430 | 489136.49 | 3239510.1  | 42 787,00 | 197° 32' 18" |
| 5431 | 489116.27 | 3239503.71 | 22.15     | 209° 50' 43" |
| 5432 | 489097.06 | 3239492.69 | 42 853,00 | 215° 51' 42" |
| 5433 | 489074.34 | 3239476.26 | 119.98    | 215° 25' 20" |
| 5434 | 488976.57 | 3239406.73 | 60.01     | 214° 14' 0"  |
| 5435 | 488926.95 | 3239372.97 | 120.02    | 216° 4' 46"  |
| 5436 | 488829.95 | 3239302.29 | 50,00     | 216° 22' 8"  |
| 5437 | 488789.7  | 3239272.64 | 49.99     | 216° 21' 53" |
| 5438 | 488749.44 | 3239243    | 48.74     | 214° 55' 6"  |
| 5439 | 488709.47 | 3239215.1  | 102.36    | 216° 7' 52"  |
| 5440 | 488626.8  | 3239154.74 | 97.74     | 215° 15' 2"  |
| 5441 | 488546.99 | 3239098.34 | 101.16    | 214° 26' 1"  |
| 5442 | 488463.55 | 3239041.14 | 250.01    | 215° 3' 42"  |
| 5443 | 488258.91 | 3238897.52 | 150.01    | 216° 39' 33" |
| 5444 | 488138.57 | 3238807.95 | 27.74     | 215° 58' 35" |
| 5445 | 488116.12 | 3238791.65 | 21.96     | 210° 30' 37" |
| 5446 | 488097.2  | 3238780.51 | 149.9     | 200° 8' 12"  |
| 5447 | 487956.47 | 3238728.9  | 149.98    | 198° 59' 50" |
| 5448 | 487814.65 | 3238680.08 | 50,00     | 201° 2' 20"  |
| 5449 | 487767.99 | 3238662.13 | 148.74    | 200° 10' 1"  |
| 5450 | 487628.37 | 3238610.85 | 51.25     | 199° 50' 16" |
| 5451 | 487580.16 | 3238593.46 | 17.16     | 199° 50' 22" |
| 5452 | 487564.01 | 3238587.63 | 141.79    | 191° 44' 30" |
| 5453 | 487425.19 | 3238558.78 | 377.21    | 190° 43' 10" |
| 5454 | 487054.55 | 3238488.62 | 370.96    | 207° 53' 56" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 5455 | 486726.71 | 3238315.04 | 281.36    | 214° 50' 31" |
| 5456 | 486495.79 | 3238154.29 | 241.81    | 192° 50' 40" |
| 5457 | 486260.03 | 3238100.54 | 503.32    | 201° 28' 56" |
| 5458 | 485791.67 | 3237916.22 | 528.92    | 197° 9' 53"  |
| 5459 | 485286.31 | 3237760.12 | 23.46     | 212° 59' 46" |
| 5460 | 485266.63 | 3237747.34 | 42 842,00 | 244° 39' 33" |
| 5461 | 485259.19 | 3237731.62 | 42 892,00 | 244° 39' 33" |
| 5462 | 485256.59 | 3237726.14 | 227.59    | 260° 29' 26" |
| 5463 | 485218.99 | 3237501.68 | 16.79     | 260° 29' 26" |
| 5464 | 485216.22 | 3237485.12 | 233.06    | 243° 27' 18" |
| 5465 | 485112.06 | 3237276.63 | 294.77    | 240° 27' 35" |
| 5466 | 484966.73 | 3237020.18 | 295.92    | 240° 27' 40" |
| 5467 | 484820.84 | 3236762.72 | 205,00    | 240° 28' 17" |
| 5468 | 484719.81 | 3236584.35 | 264.5     | 240° 28' 53" |
| 5469 | 484589.49 | 3236354.19 | 187.88    | 240° 29' 50" |
| 5470 | 484496.96 | 3236190.67 | 44 348,00 | 329° 22' 39" |
| 5471 | 484502.31 | 3236187.5  | 151.95    | 240° 32' 9"  |
| 5472 | 484427.57 | 3236055.2  | 47 270,00 | 149° 31' 59" |
| 5473 | 484422.15 | 3236058.39 | 62.42     | 240° 30' 36" |
| 5474 | 484391.42 | 3236004.05 | 42 919,00 | 315° 48' 17" |
| 5475 | 484393.62 | 3236001.92 | 94.89     | 240° 35' 38" |
| 5476 | 484347.03 | 3235919.25 | 42 981,00 | 329° 13' 59" |
| 5477 | 484349.69 | 3235917.67 | 132.7     | 240° 32' 9"  |
| 5478 | 484284.42 | 3235802.13 | 35 462,00 | 145° 35' 32" |
| 5479 | 484281.97 | 3235803.81 | 197.84    | 240° 35' 38" |
| 5480 | 484184.82 | 3235631.45 | 42 949,00 | 334° 54' 33" |
| 5481 | 484187.36 | 3235630.26 | 162.21    | 240° 33' 51" |
| 5482 | 484107.64 | 3235488.99 | 25 965,00 | 148° 9' 43"  |
| 5483 | 484105.34 | 3235490.42 | 168.05    | 240° 35' 38" |
| 5484 | 484022.82 | 3235344.02 | 25 263,00 | 327° 4' 56"  |
| 5485 | 484025.92 | 3235342.02 | 222.54    | 240° 36' 19" |
| 5486 | 483916.69 | 3235148.12 | 27 820,00 | 143° 10' 10" |
| 5487 | 483913.68 | 3235150.38 | 1208.98   | 240° 35' 38" |
| 5488 | 483320.08 | 3234097.16 | 32 295,00 | 331° 52' 49" |
| 5489 | 483326.15 | 3234093.92 | 566.78    | 240° 45' 17" |
| 5490 | 483049.25 | 3233599.38 | 0.48      | 180° 0' 0"   |
| 5491 | 483048.77 | 3233599.38 | 0.86      | 270° 0' 0"   |
| 5492 | 483048.77 | 3233598.52 | 32.65     | 240° 45' 17" |
| 5493 | 483032.82 | 3233570.03 | 21 033,00 | 151° 4' 24"  |
| 5494 | 483025.32 | 3233574.18 | 67.38     | 240° 35' 38" |
| 5495 | 482992.24 | 3233515.48 | 133.39    | 238° 47' 17" |
| 5496 | 482923.11 | 3233401.4  | 48.23     | 238° 5' 8"   |
| 5497 | 482897.61 | 3233360.45 | 49.99     | 238° 5' 8"   |
| 5498 | 482871.19 | 3233318.02 | 49.98     | 236° 28' 11" |
| 5499 | 482843.58 | 3233276.36 | 50,00     | 236° 23' 54" |
| 5500 | 482815.91 | 3233234.71 | 50,00     | 236° 23' 54" |
| 5501 | 482788.24 | 3233193.07 | 42 765,00 | 236° 22' 15" |
| 5502 | 482771.62 | 3233168.08 | 42 786,00 | 238° 3' 40"  |
| 5503 | 482761.03 | 3233151.09 | 47.86     | 238° 8' 9"   |
| 5504 | 482735.76 | 3233110.45 | 17 989,00 | 328° 8' 9"   |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 5505 | 482739.58 | 3233108.07 | 165.39    | 237° 30' 56" |
| 5506 | 482650.75 | 3232968.56 | 26 724,00 | 147° 27' 13" |
| 5507 | 482647.61 | 3232970.57 | 36.78     | 237° 27' 13" |
| 5508 | 482627.82 | 3232939.56 | 49.99     | 236° 36' 2"  |
| 5509 | 482600.3  | 3232897.83 | 50,00     | 236° 34' 45" |
| 5510 | 482572.76 | 3232856.09 | 50,00     | 236° 34' 45" |
| 5511 | 482545.22 | 3232814.36 | 50,00     | 236° 34' 45" |
| 5512 | 482517.68 | 3232772.63 | 50,00     | 236° 34' 45" |
| 5513 | 482490.14 | 3232730.9  | 42 824,00 | 236° 30' 55" |
| 5514 | 482473.42 | 3232705.63 | 40.33     | 259° 18' 50" |
| 5515 | 482465.95 | 3232666    | 30.67     | 285° 17' 41" |
| 5516 | 482474.04 | 3232636.41 | 49.97     | 281° 29' 47" |
| 5517 | 482483.99 | 3232587.45 | 50,00     | 281° 29' 47" |
| 5518 | 482493.96 | 3232538.45 | 50,00     | 281° 29' 47" |
| 5519 | 482503.93 | 3232489.45 | 60.3      | 281° 52' 0"  |
| 5520 | 482516.33 | 3232430.44 | 42 751,00 | 280° 56' 41" |
| 5521 | 482519.38 | 3232414.63 | 0.84      | 11° 3' 24"   |
| 5522 | 482520.21 | 3232414.8  | 265.14    | 281° 0' 6"   |
| 5523 | 482570.81 | 3232154.53 | 0.9       | 187° 52' 45" |
| 5524 | 482569.92 | 3232154.41 | 46 722,00 | 281° 12' 6"  |
| 5525 | 482572.3  | 3232142.37 | 50,00     | 281° 12' 13" |
| 5526 | 482582.01 | 3232093.33 | 50,00     | 281° 11' 32" |
| 5527 | 482591.72 | 3232044.28 | 42 782,00 | 281° 9' 10"  |
| 5528 | 482594.85 | 3232028.39 | 42 765,00 | 276° 45' 24" |
| 5529 | 482598.38 | 3231998.59 | 30,00     | 278° 46' 6"  |
| 5530 | 482602.96 | 3231968.94 | 19.97     | 275° 12' 4"  |
| 5531 | 482604.77 | 3231949.05 | 50,00     | 275° 16' 33" |
| 5532 | 482609.36 | 3231899.26 | 50,00     | 275° 16' 33" |
| 5533 | 482613.96 | 3231849.47 | 50,00     | 275° 16' 33" |
| 5534 | 482618.56 | 3231799.68 | 50,00     | 275° 16' 33" |
| 5535 | 482623.16 | 3231749.9  | 50,00     | 275° 16' 33" |
| 5536 | 482627.75 | 3231700.11 | 50,00     | 275° 16' 33" |
| 5537 | 482632.35 | 3231650.32 | 50,00     | 275° 16' 33" |
| 5538 | 482636.95 | 3231600.53 | 50,00     | 275° 16' 33" |
| 5539 | 482641.55 | 3231550.74 | 50,00     | 275° 16' 33" |
| 5540 | 482646.15 | 3231500.96 | 50,00     | 275° 16' 33" |
| 5541 | 482650.74 | 3231451.17 | 50,00     | 275° 16' 33" |
| 5542 | 482655.34 | 3231401.38 | 50,00     | 275° 16' 33" |
| 5543 | 482659.94 | 3231351.59 | 50,00     | 275° 16' 33" |
| 5544 | 482664.54 | 3231301.8  | 16.74     | 275° 12' 43" |
| 5545 | 482666.06 | 3231285.13 | 33.16     | 258° 57' 53" |
| 5546 | 482659.71 | 3231252.59 | 50,00     | 259° 2' 22"  |
| 5547 | 482650.2  | 3231203.5  | 50,00     | 259° 2' 22"  |
| 5548 | 482640.7  | 3231154.41 | 50,00     | 259° 2' 22"  |
| 5549 | 482631.19 | 3231105.33 | 50,00     | 259° 2' 22"  |
| 5550 | 482621.68 | 3231056.24 | 34.59     | 259° 2' 22"  |
| 5551 | 482615.11 | 3231022.28 | 42 979,00 | 349° 22' 4"  |
| 5552 | 482616.97 | 3231021.93 | 185.35    | 259° 10' 5"  |
| 5553 | 482582.14 | 3230839.89 | 30 713,00 | 170° 6' 36"  |
| 5554 | 482579.34 | 3230840.37 | 30,00     | 257° 34' 8"  |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 5555 | 482572.88 | 3230811.08 | 50,00     | 257° 41' 45" |
| 5556 | 482562.22 | 3230762.23 | 50,00     | 257° 41' 45" |
| 5557 | 482551.57 | 3230713.37 | 50,00     | 257° 41' 45" |
| 5558 | 482540.91 | 3230664.52 | 50.09     | 257° 41' 45" |
| 5559 | 482530.24 | 3230615.58 | 50.04     | 268° 7' 0"   |
| 5560 | 482528.6  | 3230565.57 | 50.01     | 268° 53' 56" |
| 5561 | 482527.63 | 3230515.58 | 50,00     | 268° 53' 56" |
| 5562 | 482526.67 | 3230465.59 | 50,00     | 268° 53' 56" |
| 5563 | 482525.71 | 3230415.59 | 50,00     | 268° 53' 56" |
| 5564 | 482524.75 | 3230365.6  | 50,00     | 268° 53' 56" |
| 5565 | 482523.79 | 3230315.61 | 50,00     | 268° 53' 56" |
| 5566 | 482522.83 | 3230265.62 | 50,00     | 268° 53' 56" |
| 5567 | 482521.87 | 3230215.63 | 50,00     | 268° 53' 56" |
| 5568 | 482520.91 | 3230165.64 | 50,00     | 268° 53' 56" |
| 5569 | 482519.95 | 3230115.65 | 50,00     | 268° 53' 56" |
| 5570 | 482518.99 | 3230065.66 | 50,00     | 268° 53' 56" |
| 5571 | 482518.03 | 3230015.67 | 50,00     | 268° 53' 56" |
| 5572 | 482517.06 | 3229965.68 | 42 967,00 | 268° 50' 5"  |
| 5573 | 482516.66 | 3229945.6  | 42 926,00 | 278° 41' 21" |
| 5574 | 482518.18 | 3229935.65 | 34.61     | 272° 59' 58" |
| 5575 | 482519.99 | 3229901.08 | 43.96     | 268° 49' 29" |
| 5576 | 482519.09 | 3229857.13 | 30,00     | 269° 11' 9"  |
| 5577 | 482518.66 | 3229827.14 | 29.99     | 268° 41' 20" |
| 5578 | 482517.98 | 3229797.15 | 40,00     | 268° 21' 50" |
| 5579 | 482516.83 | 3229757.17 | 85.15     | 268° 44' 39" |
| 5580 | 482514.97 | 3229672.03 | 115.85    | 268° 8' 51"  |
| 5581 | 482511.22 | 3229556.24 | 100.01    | 268° 8' 12"  |
| 5582 | 482507.97 | 3229456.29 | 50.01     | 269° 2' 28"  |
| 5583 | 482507.13 | 3229406.28 | 49.99     | 269° 19' 20" |
| 5584 | 482506.54 | 3229356.3  | 49.99     | 267° 40' 38" |
| 5585 | 482504.52 | 3229306.35 | 42.81     | 268° 22' 16" |
| 5586 | 482503.3  | 3229263.55 | 34 029,00 | 358° 22' 16" |
| 5587 | 482507.23 | 3229263.44 | 187.91    | 268° 41' 8"  |
| 5588 | 482502.92 | 3229075.58 | 29 677,00 | 179° 59' 42" |
| 5589 | 482498.11 | 3229075.58 | 19.14     | 268° 9' 1"   |
| 5590 | 482497.49 | 3229056.45 | 50.01     | 268° 10' 2"  |
| 5591 | 482495.89 | 3229006.47 | 50.01     | 268° 51' 56" |
| 5592 | 482494.9  | 3228956.47 | 49.08     | 269° 9' 10"  |
| 5593 | 482494.17 | 3228907.39 | 50,00     | 268° 52' 58" |
| 5594 | 482493.2  | 3228857.4  | 50,00     | 269° 14' 25" |
| 5595 | 482492.53 | 3228807.4  | 50.04     | 269° 16' 9"  |
| 5596 | 482491.9  | 3228757.37 | 100.04    | 273° 15' 51" |
| 5597 | 482497.59 | 3228657.49 | 150.1     | 273° 15' 2"  |
| 5598 | 482506.1  | 3228507.63 | 100.02    | 273° 8' 33"  |
| 5599 | 482511.59 | 3228407.76 | 50.04     | 274° 58' 31" |
| 5600 | 482515.93 | 3228357.92 | 43 080,00 | 276° 57' 24" |
| 5601 | 482517.27 | 3228346.88 | 241.42    | 215° 17' 28" |
| 5602 | 482320.22 | 3228207.4  | 42 881,00 | 233° 14' 13" |
| 5603 | 482304.36 | 3228186.17 | 42 881,00 | 269° 7' 42"  |
| 5604 | 482303.96 | 3228159.68 | 122.69    | 287° 4' 27"  |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 5605 | 482339.98 | 3228042.4  | 64.44     | 271° 15' 53" |
| 5606 | 482341.4  | 3227977.97 | 83.13     | 271° 17' 15" |
| 5607 | 482343.27 | 3227894.86 | 45.11     | 269° 36' 53" |
| 5608 | 482342.96 | 3227849.76 | 36 192,00 | 0° 40' 6"    |
| 5609 | 482345.96 | 3227849.79 | 201.8     | 270° 55' 42" |
| 5610 | 482349.23 | 3227648.02 | 18 629,00 | 180° 55' 42" |
| 5611 | 482347.72 | 3227647.99 | 53.08     | 271° 34' 53" |
| 5612 | 482349.18 | 3227594.93 | 149.99    | 271° 17' 52" |
| 5613 | 482352.58 | 3227444.98 | 99.96     | 270° 35' 29" |
| 5614 | 482353.61 | 3227345.03 | 42 895,00 | 266° 25' 17" |
| 5615 | 482353.01 | 3227335.45 | 19.96     | 262° 4' 35"  |
| 5616 | 482350.26 | 3227315.68 | 42 989,00 | 262° 3' 57"  |
| 5617 | 482348.73 | 3227304.7  | 31 990,00 | 262° 3' 57"  |
| 5618 | 482347.5  | 3227295.91 | 99.66     | 257° 29' 56" |
| 5619 | 482325.93 | 3227198.61 | 94.06     | 256° 2' 49"  |
| 5620 | 482303.25 | 3227107.32 | 105.91    | 256° 2' 49"  |
| 5621 | 482277.71 | 3227004.54 | 50.02     | 255° 18' 53" |
| 5622 | 482265.03 | 3226956.15 | 100.01    | 258° 37' 0"  |
| 5623 | 482245.29 | 3226858.11 | 42 924,00 | 258° 17' 21" |
| 5624 | 482243.65 | 3226850.2  | 22.65     | 267° 21' 43" |
| 5625 | 482242.61 | 3226827.57 | 70.06     | 273° 43' 13" |
| 5626 | 482247.16 | 3226757.66 | 140.67    | 274° 20' 15" |
| 5627 | 482257.8  | 3226617.39 | 23.99     | 274° 6' 39"  |
| 5628 | 482259.52 | 3226593.46 | 135.39    | 273° 58' 0"  |
| 5629 | 482268.88 | 3226458.4  | 42 739,00 | 279° 40' 8"  |
| 5630 | 482269.57 | 3226454.36 | 29.34     | 273° 8' 52"  |
| 5631 | 482271.18 | 3226425.06 | 43 252,00 | 262° 21' 41" |
| 5632 | 482270.36 | 3226418.94 | 27 851,00 | 262° 21' 41" |
| 5633 | 482269.73 | 3226414.22 | 42 920,00 | 262° 21' 41" |
| 5634 | 482269.1  | 3226409.56 | 24 351,00 | 260° 18' 23" |
| 5635 | 482267.47 | 3226400.03 | 17.68     | 237° 33' 43" |
| 5636 | 482257.99 | 3226385.11 | 69.43     | 206° 19' 57" |
| 5637 | 482195.77 | 3226354.31 | 43 101,00 | 198° 0' 47"  |
| 5638 | 482194.65 | 3226353.95 | 99.94     | 194° 54' 49" |
| 5639 | 482098.07 | 3226328.23 | 100.02    | 195° 15' 24" |
| 5640 | 482001.58 | 3226301.91 | 28.55     | 196° 22' 23" |
| 5641 | 481974.19 | 3226293.86 | 171.22    | 196° 21' 46" |
| 5642 | 481809.91 | 3226245.63 | 199.99    | 195° 29' 48" |
| 5643 | 481617.18 | 3226192.19 | 200,00    | 195° 29' 40" |
| 5644 | 481424.45 | 3226138.76 | 300,00    | 195° 29' 40" |
| 5645 | 481135.35 | 3226058.62 | 250,00    | 195° 33' 51" |
| 5646 | 480894.52 | 3225991.54 | 168,00    | 195° 38' 30" |
| 5647 | 480732.75 | 3225946.24 | 120.12    | 195° 55' 3"  |
| 5648 | 480617.23 | 3225913.3  | 100,00    | 195° 39' 52" |
| 5649 | 480520.95 | 3225886.3  | 100,00    | 195° 39' 52" |
| 5650 | 480424.66 | 3225859.3  | 100,00    | 195° 39' 52" |
| 5651 | 480328.38 | 3225832.3  | 150,00    | 195° 39' 52" |
| 5652 | 480183.95 | 3225791.8  | 150,00    | 195° 39' 52" |
| 5653 | 480039.52 | 3225751.3  | 149.99    | 195° 29' 35" |
| 5654 | 479894.98 | 3225711.23 | 69.65     | 195° 15' 50" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 5655 | 479827.78 | 3225692.9  | 79.66     | 184° 37' 30" |
| 5656 | 479748.38 | 3225686.47 | 24.69     | 200° 53' 42" |
| 5657 | 479725.31 | 3225677.67 | 24.78     | 234° 52' 38" |
| 5658 | 479711.06 | 3225657.4  | 19 511,00 | 243° 14' 23" |
| 5659 | 479708.12 | 3225651.57 | 41 699,00 | 215° 55' 8"  |
| 5660 | 479705.58 | 3225649.73 | 18 233,00 | 241° 42' 8"  |
| 5661 | 479699.66 | 3225638.73 | 22,00     | 251° 34' 37" |
| 5662 | 479692.7  | 3225617.86 | 61.15     | 253° 28' 50" |
| 5663 | 479675.32 | 3225559.23 | 20.25     | 253° 28' 50" |
| 5664 | 479669.56 | 3225539.82 | 35.39     | 253° 28' 50" |
| 5665 | 479659.49 | 3225505.89 | 49.96     | 251° 30' 52" |
| 5666 | 479643.65 | 3225458.51 | 150.19    | 250° 37' 41" |
| 5667 | 479593.83 | 3225316.82 | 42 742,00 | 273° 25' 26" |
| 5668 | 479594.25 | 3225309.82 | 27 791,00 | 273° 25' 26" |
| 5669 | 479594.42 | 3225307.06 | 11 383,00 | 251° 34' 59" |
| 5670 | 479593.37 | 3225303.93 | 37.37     | 231° 50' 12" |
| 5671 | 479570.28 | 3225274.54 | 42 805,00 | 189° 21' 22" |
| 5672 | 479559.13 | 3225272.71 | 140.06    | 196° 18' 38" |
| 5673 | 479424.71 | 3225233.37 | 150.01    | 196° 15' 33" |
| 5674 | 479280.7  | 3225191.37 | 149.84    | 197° 0' 24"  |
| 5675 | 479137.42 | 3225147.55 | 21 125,00 | 180° 25' 16" |
| 5676 | 479125.84 | 3225147.46 | 39.6      | 221° 28' 5"  |
| 5677 | 479096.17 | 3225121.24 | 0.1       | 180° 0' 0"   |
| 5678 | 479096.07 | 3225121.24 | 0.09      | 270° 0' 0"   |
| 5679 | 479096.07 | 3225121.15 | 200.63    | 221° 28' 5"  |
| 5680 | 478945.73 | 3224988.29 | 250,00    | 221° 36' 41" |
| 5681 | 478758.82 | 3224822.27 | 250,00    | 221° 36' 41" |
| 5682 | 478571.9  | 3224656.25 | 129.02    | 221° 32' 9"  |
| 5683 | 478475.33 | 3224570.7  | 184.79    | 172° 33' 25" |
| 5684 | 478292.09 | 3224594.64 | 17 137,00 | 151° 56' 0"  |
| 5685 | 478281.1  | 3224600.5  | 200,00    | 151° 46' 12" |
| 5686 | 478104.89 | 3224695.1  | 81.23     | 151° 42' 5"  |
| 5687 | 478033.36 | 3224733.61 | 20.46     | 151° 42' 5"  |
| 5688 | 478015.35 | 3224743.31 | 42 749,00 | 151° 5' 7"   |
| 5689 | 478003.01 | 3224750.13 | 184.18    | 151° 44' 54" |
| 5690 | 477840.77 | 3224837.31 | 34 943,00 | 147° 46' 8"  |
| 5691 | 477832.36 | 3224842.61 | 206.24    | 143° 2' 45"  |
| 5692 | 477667.55 | 3224966.6  | 83.72     | 142° 57' 34" |
| 5693 | 477600.73 | 3225017.03 | 15.52     | 143° 1' 50"  |
| 5694 | 477588.33 | 3225026.36 | 46.24     | 143° 1' 50"  |
| 5695 | 477551.39 | 3225054.17 | 34 001,00 | 233° 39' 29" |
| 5696 | 477549.66 | 3225051.81 | 149.99    | 144° 0' 28"  |
| 5697 | 477428.29 | 3225139.96 | 50.47     | 189° 59' 44" |
| 5698 | 477378.59 | 3225131.2  | 90.13     | 207° 30' 35" |
| 5699 | 477298.65 | 3225089.57 | 100,00    | 208° 11' 5"  |
| 5700 | 477210.51 | 3225042.34 | 200,00    | 208° 9' 50"  |
| 5701 | 477034.19 | 3224947.94 | 150,00    | 208° 10' 18" |
| 5702 | 476901.96 | 3224877.12 | 250,00    | 208° 8' 42"  |
| 5703 | 476681.52 | 3224759.19 | 100.41    | 208° 2' 24"  |
| 5704 | 476592.9  | 3224711.99 | 163.96    | 208° 15' 41" |



## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 5705 | 476448.48 | 3224634.36 | 199.98    | 208° 10' 23" |
| 5706 | 476272.19 | 3224539.94 | 86.1      | 206° 34' 35" |
| 5707 | 476195.19 | 3224501.42 | 64.61     | 225° 45' 29" |
| 5708 | 476150.12 | 3224455.14 | 286.1     | 227° 18' 0"  |
| 5709 | 475956.09 | 3224244.88 | 42 736,00 | 315° 35' 34" |
| 5710 | 475956.93 | 3224244.06 | 111.65    | 226° 48' 33" |
| 5711 | 475880.51 | 3224162.66 | 42 948,00 | 136° 48' 33" |
| 5712 | 475879.73 | 3224163.4  | 45.26     | 226° 15' 45" |
| 5713 | 475848.44 | 3224130.7  | 257.75    | 206° 30' 28" |
| 5714 | 475617.78 | 3224015.66 | 400,00    | 206° 28' 18" |
| 5715 | 475259.72 | 3223837.36 | 298.75    | 206° 25' 41" |
| 5716 | 474992.2  | 3223704.39 | 141.45    | 206° 11' 51" |
| 5717 | 474865.27 | 3223641.95 | 308.93    | 220° 17' 2"  |
| 5718 | 474629.61 | 3223442.2  | 453.66    | 219° 46' 0"  |
| 5719 | 474280.9  | 3223152.01 | 309.13    | 220° 3' 31"  |
| 5720 | 474044.29 | 3222953.06 | 32.06     | 218° 16' 37" |
| 5721 | 474019.12 | 3222933.2  | 70.5      | 197° 34' 23" |
| 5722 | 473951.91 | 3222911.92 | 381.8     | 192° 48' 14" |
| 5723 | 473579.61 | 3222827.3  | 255.95    | 211° 45' 44" |
| 5724 | 473361.99 | 3222692.58 | 500.01    | 212° 22' 7"  |
| 5725 | 472939.68 | 3222424.89 | 188.22    | 212° 46' 46" |
| 5726 | 472781.43 | 3222322.99 | 42 987,00 | 199° 20' 21" |
| 5727 | 472772.09 | 3222319.71 | 22.38     | 289° 20' 21" |
| 5728 | 472779.5  | 3222298.59 | 35.39     | 199° 20' 21" |
| 5729 | 472746.11 | 3222286.87 | 19.42     | 109° 20' 21" |
| 5730 | 472739.68 | 3222305.19 | 60.24     | 199° 20' 21" |
| 5731 | 472682.83 | 3222285.24 | 0.7       | 288° 32' 25" |
| 5732 | 472683.06 | 3222284.58 | 95.07     | 226° 3' 12"  |
| 5733 | 472617.08 | 3222216.14 | 41.39     | 301° 36' 54" |
| 5734 | 472638.78 | 3222180.89 | 210.07    | 302° 12' 22" |
| 5735 | 472750.74 | 3222003.14 | 9,00      | 212° 12' 22" |
| 5736 | 472743.12 | 3221998.34 | 27.99     | 302° 12' 22" |
| 5737 | 472758.04 | 3221974.66 | 87.56     | 212° 12' 22" |
| 5738 | 472683.95 | 3221927.99 | 30.46     | 122° 12' 22" |
| 5739 | 472667.72 | 3221953.76 | 40.71     | 32° 12' 22"  |
| 5740 | 472702.16 | 3221975.46 | 19 480,00 | 122° 12' 22" |
| 5741 | 472699.22 | 3221980.14 | 47.85     | 32° 12' 22"  |
| 5742 | 472739.71 | 3222005.64 | 202.12    | 122° 12' 22" |
| 5743 | 472631.99 | 3222176.66 | 50.09     | 121° 36' 54" |
| 5744 | 472605.73 | 3222219.32 | 8,00      | 32° 8' 54"   |
| 5745 | 472612.5  | 3222223.57 | 84.81     | 45° 44' 42"  |
| 5746 | 472671.69 | 3222284.32 | 109.96    | 199° 27' 2"  |
| 5747 | 472568    | 3222247.7  | 304.88    | 221° 57' 27" |
| 5748 | 472341.28 | 3222043.86 | 350.72    | 212° 13' 4"  |
| 5749 | 472044.56 | 3221856.88 | 750,00    | 212° 12' 18" |
| 5750 | 471409.95 | 3221457.17 | 299.84    | 212° 11' 12" |
| 5751 | 471156.19 | 3221297.45 | 449.83    | 194° 20' 25" |
| 5752 | 470720.38 | 3221186.04 | 199.98    | 194° 20' 36" |
| 5753 | 470526.63 | 3221136.5  | 26.86     | 192° 41' 9"  |
| 5754 | 470500.43 | 3221130.6  | 22.35     | 205° 44' 24" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 5755 | 470480.3  | 3221120.89 | 200.89    | 221° 8' 41"  |
| 5756 | 470329.01 | 3220988.71 | 650,00    | 221° 9' 32"  |
| 5757 | 469839.64 | 3220560.92 | 849.63    | 221° 9' 0"   |
| 5758 | 469199.88 | 3220001.83 | 55.65     | 222° 24' 24" |
| 5759 | 469158.79 | 3219964.31 | 92.7      | 222° 56' 38" |
| 5760 | 469090.93 | 3219901.15 | 47.06     | 219° 39' 42" |
| 5761 | 469054.7  | 3219871.12 | 92.58     | 220° 19' 40" |
| 5762 | 468984.12 | 3219811.2  | 91.96     | 220° 7' 5"   |
| 5763 | 468913.8  | 3219751.94 | 31.24     | 226° 47' 57" |
| 5764 | 468892.41 | 3219729.17 | 35 947,00 | 239° 18' 0"  |
| 5765 | 468888.84 | 3219723.16 | 15.31     | 239° 18' 0"  |
| 5766 | 468881.03 | 3219710    | 18.46     | 264° 34' 6"  |
| 5767 | 468879.28 | 3219691.62 | 19 784,00 | 269° 47' 39" |
| 5768 | 468879.27 | 3219688.09 | 96.14     | 262° 10' 36" |
| 5769 | 468866.18 | 3219592.84 | 61.18     | 278° 10' 6"  |
| 5770 | 468874.88 | 3219532.28 | 0.21      | 345° 22' 45" |
| 5771 | 468875.08 | 3219532.23 | 0.25      | 336° 30' 5"  |
| 5772 | 468875.31 | 3219532.13 | 0.24      | 326° 58' 34" |
| 5773 | 468875.51 | 3219532    | 0.25      | 316° 38' 12" |
| 5774 | 468875.69 | 3219531.83 | 0.24      | 304° 59' 31" |
| 5775 | 468875.83 | 3219531.63 | 0.25      | 296° 33' 54" |
| 5776 | 468875.94 | 3219531.41 | 0.24      | 286° 55' 39" |
| 5777 | 468876.01 | 3219531.18 | 0.24      | 277° 7' 30"  |
| 5778 | 468876.04 | 3219530.94 | 0.25      | 265° 25' 34" |
| 5779 | 468876.02 | 3219530.69 | 0.24      | 255° 22' 45" |
| 5780 | 468875.96 | 3219530.46 | 0.25      | 246° 30' 5"  |
| 5781 | 468875.86 | 3219530.23 | 0.24      | 236° 58' 34" |
| 5782 | 468875.73 | 3219530.03 | 0.25      | 226° 38' 12" |
| 5783 | 468875.56 | 3219529.85 | 0.24      | 214° 59' 31" |
| 5784 | 468875.36 | 3219529.71 | 0.12      | 206° 33' 54" |
| 5785 | 468875.25 | 3219529.66 | 32.97     | 278° 10' 6"  |
| 5786 | 468879.94 | 3219497.02 | 42.28     | 269° 53' 31" |
| 5787 | 468879.86 | 3219454.74 | 13.79     | 268° 4' 41"  |
| 5788 | 468879.39 | 3219440.96 | 315.18    | 241° 47' 51" |
| 5789 | 468730.45 | 3219163.2  | 13.64     | 250° 55' 16" |
| 5790 | 468725.99 | 3219150.31 | 13.64     | 269° 10' 6"  |
| 5791 | 468725.79 | 3219136.68 | 103.8     | 278° 17' 31" |
| 5792 | 468740.76 | 3219033.97 | 0,00      | 278° 17' 44" |
| 5793 | 468740.76 | 3219033.97 | 79.07     | 278° 17' 39" |
| 5794 | 468752.17 | 3218955.73 | 158.99    | 278° 17' 31" |
| 5795 | 468775.1  | 3218798.4  | 121.52    | 256° 44' 11" |
| 5796 | 468747.21 | 3218680.12 | 148.98    | 257° 17' 0"  |
| 5797 | 468714.42 | 3218534.79 | 89.46     | 259° 11' 1"  |
| 5798 | 468697.63 | 3218446.92 | 42 865,00 | 249° 38' 22" |
| 5799 | 468693.98 | 3218437.07 | 131.19    | 227° 59' 15" |
| 5800 | 468606.17 | 3218339.6  | 15.66     | 220° 16' 8"  |
| 5801 | 468594.23 | 3218329.48 | 87.5      | 218° 27' 6"  |
| 5802 | 468525.7  | 3218275.07 | 61.49     | 217° 42' 51" |
| 5803 | 468477.06 | 3218237.46 | 45 748,00 | 253° 55' 57" |
| 5804 | 468475.89 | 3218233.37 | 25 235,00 | 253° 55' 57" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 5805 | 468475.14 | 3218230.78 | 71.9      | 216° 21' 55" |
| 5806 | 468417.24 | 3218188.15 | 14.21     | 200° 37' 59" |
| 5807 | 468403.94 | 3218183.14 | 46.38     | 216° 46' 38" |
| 5808 | 468366.79 | 3218155.38 | 37.3      | 224° 33' 37" |
| 5809 | 468340.22 | 3218129.2  | 0,00      | 44° 34' 25"  |
| 5810 | 468340.22 | 3218129.2  | 42 829,00 | 224° 53' 15" |
| 5811 | 468337.1  | 3218126.1  | 87.36     | 260° 17' 32" |
| 5812 | 468322.37 | 3218039.99 | 15 281,00 | 271° 32' 37" |
| 5813 | 468322.68 | 3218028.58 | 13 636,00 | 271° 32' 30" |
| 5814 | 468322.82 | 3218023.22 | 16.78     | 294° 2' 26"  |
| 5815 | 468329.65 | 3218007.9  | 224.06    | 305° 17' 24" |
| 5816 | 468459.1  | 3217825.01 | 348.07    | 268° 17' 40" |
| 5817 | 468448.74 | 3217477.09 | 0,00      | 226° 13' 8"  |
| 5818 | 468448.74 | 3217477.09 | 26 785,00 | 268° 17' 40" |
| 5819 | 468448.57 | 3217471.36 | 44 896,00 | 268° 17' 40" |
| 5820 | 468448.21 | 3217459.15 | 54.62     | 223° 23' 36" |
| 5821 | 468408.52 | 3217421.63 | 116.61    | 223° 4' 19"  |
| 5822 | 468323.33 | 3217341.99 | 142.36    | 225° 36' 40" |
| 5823 | 468223.75 | 3217240.26 | 31.52     | 227° 24' 17" |
| 5824 | 468202.42 | 3217217.05 | 51.85     | 214° 5' 23"  |
| 5825 | 468159.48 | 3217187.99 | 116.78    | 214° 15' 32" |
| 5826 | 468062.96 | 3217122.25 | 149.44    | 215° 11' 43" |
| 5827 | 467940.84 | 3217036.12 | 145.61    | 215° 5' 37"  |
| 5828 | 467821.7  | 3216952.41 | 143.58    | 214° 58' 59" |
| 5829 | 467704.06 | 3216870.09 | 214.68    | 216° 23' 23" |
| 5830 | 467531.24 | 3216742.72 | 268.22    | 215° 26' 46" |
| 5831 | 467312.73 | 3216587.17 | 184.62    | 171° 15' 47" |
| 5832 | 467130.26 | 3216615.22 | 23.16     | 165° 1' 39"  |
| 5833 | 467107.89 | 3216621.2  | 59.52     | 164° 30' 3"  |
| 5834 | 467050.54 | 3216637.1  | 51.02     | 164° 38' 54" |
| 5835 | 467001.34 | 3216650.61 | 0.97      | 90° 0' 0"    |
| 5836 | 467001.34 | 3216651.58 | 1,00      | 180° 0' 0"   |
| 5837 | 467000.34 | 3216651.58 | 0.69      | 270° 0' 0"   |
| 5838 | 467000.34 | 3216650.89 | 139.41    | 164° 38' 54" |
| 5839 | 466865.9  | 3216687.79 | 33.67     | 164° 38' 54" |
| 5840 | 466833.43 | 3216696.71 | 36.16     | 204° 46' 30" |
| 5841 | 466800.6  | 3216681.56 | 145.08    | 203° 18' 12" |
| 5842 | 466667.35 | 3216624.16 | 0,00      | 0° 0' 0"     |
| 5843 | 466667.35 | 3216624.16 | 260.01    | 203° 18' 12" |
| 5844 | 466428.55 | 3216521.3  | 747.25    | 190° 23' 8"  |
| 5845 | 465693.55 | 3216386.6  | 20.79     | 196° 54' 28" |
| 5846 | 465673.66 | 3216380.55 | 38.79     | 225° 26' 23" |
| 5847 | 465646.44 | 3216352.91 | 1150.16   | 225° 26' 23" |
| 5848 | 464839.41 | 3215533.4  | 228.64    | 220° 32' 11" |
| 5849 | 464665.65 | 3215384.8  | 106.79    | 186° 58' 52" |
| 5850 | 464559.64 | 3215371.82 | 919.79    | 186° 32' 16" |
| 5851 | 463645.84 | 3215267.1  | 22.26     | 201° 32' 29" |
| 5852 | 463625.13 | 3215258.92 | 22.26     | 231° 32' 32" |
| 5853 | 463611.29 | 3215241.49 | 441.92    | 246° 32' 34" |
| 5854 | 463435.37 | 3214836.09 | 62.33     | 198° 36' 31" |

## Ведомость координат поворотных точек красных линий

|      |           |            |           |              |
|------|-----------|------------|-----------|--------------|
| 5855 | 463376.31 | 3214816.2  | 460.9     | 198° 36' 31" |
| 5856 | 462939.5  | 3214669.13 | 245.35    | 198° 36' 31" |
| 5857 | 462706.97 | 3214590.84 | 22.27     | 213° 36' 59" |
| 5858 | 462688.43 | 3214578.51 | 22.27     | 243° 37' 55" |
| 5859 | 462678.54 | 3214558.55 | 337.74    | 258° 38' 18" |
| 5860 | 462612    | 3214227.43 | 0,00      | 112° 57' 35" |
| 5861 | 462612    | 3214227.43 | 165.28    | 258° 38' 15" |
| 5862 | 462579.44 | 3214065.39 | 41 699,00 | 215° 55' 10" |
| 5863 | 462576.89 | 3214063.54 | 91.67     | 216° 9' 22"  |
| 5864 | 462502.88 | 3214009.46 | 142.11    | 217° 7' 29"  |
| 5865 | 462389.57 | 3213923.69 | 119.32    | 216° 44' 8"  |
| 5866 | 462293.95 | 3213852.32 | 42 821,00 | 217° 32' 27" |
| 5867 | 462272.3  | 3213835.69 | 106.64    | 217° 32' 27" |
| 5868 | 462187.75 | 3213770.71 | 94.71     | 217° 31' 41" |
| 5869 | 462112.64 | 3213713.02 | 111.27    | 215° 53' 28" |
| 5870 | 462022.49 | 3213647.79 | 159.72    | 215° 51' 13" |
| 5871 | 461893.04 | 3213554.24 | 120.04    | 216° 13' 42" |
| 5872 | 461796.2  | 3213483.29 | 123.41    | 216° 31' 21" |
| 5873 | 461697.03 | 3213409.84 | 139.51    | 216° 28' 52" |
| 5874 | 461584.85 | 3213326.89 | 92.1      | 218° 11' 4"  |
| 5875 | 461512.46 | 3213269.96 | 86.55     | 218° 7' 31"  |
| 5876 | 461444.37 | 3213216.52 | 90,00     | 216° 53' 2"  |
| 5877 | 461372.38 | 3213162.51 | 177.73    | 215° 22' 14" |
| 5878 | 461227.46 | 3213059.63 | 20.92     | 216° 48' 32" |
| 5879 | 461210.71 | 3213047.09 | 116.07    | 216° 47' 46" |
| 5880 | 461117.76 | 3212977.57 | 299665.86 | 35° 38' 9"   |

## подключающая ВЛ-10кВ КС-5

| № точки | Координаты (МСК 27) |            | Длина   | Угол         |
|---------|---------------------|------------|---------|--------------|
|         | Х                   | У          |         |              |
| 1       | 551665.46           | 3289651.17 | 4371.05 | 58° 12' 30"  |
| 2       | 553968.27           | 3293366.43 | 949.09  | 334° 14' 29" |
| 3       | 554823.05           | 3292953.97 | 2533.78 | 341° 31' 54" |
| 4       | 557226.35           | 3292151.33 | 3816.07 | 330° 28' 20" |
| 5       | 560546.77           | 3290270.59 | 793.91  | 333° 28' 27" |
| 6       | 561257.11           | 3289916.03 | 56.82   | 64° 34' 43"  |
| 7       | 561281.5            | 3289967.35 | 9621.24 | 181° 53' 0"  |
| 8       | 561271              | 3289973.21 | 45.37   | 244° 34' 43" |
| 9       | 561251.53           | 3289932.23 | 781.37  | 153° 28' 27" |
| 10      | 560552.41           | 3290281.19 | 3816.92 | 150° 28' 20" |
| 11      | 557231.25           | 3292162.34 | 2534.18 | 161° 31' 54" |
| 12      | 554827.58           | 3292965.11 | 959.13  | 154° 14' 29" |
| 13      | 553963.76           | 3293381.93 | 4381.45 | 238° 12' 30" |
| 14      | 551655.47           | 3289657.84 | 9620.7  | 1° 52' 43"   |

## автодорога с вертолетной площадкой КС-4

| № точки | Координаты (МСК 27) |            | Длина  | Угол        |
|---------|---------------------|------------|--------|-------------|
|         | Х                   | У          |        |             |
| 1       | 552779.63           | 3289615.96 | 85.99  | 135° 0' 22" |
| 2       | 552718.82           | 3289676.76 | 121.98 | 225° 0' 22" |



## Ведомость координат поворотных точек красных линий

|    |           |            |        |              |
|----|-----------|------------|--------|--------------|
| 3  | 552632.58 | 3289590.5  | 38.3   | 315° 0' 22"  |
| 4  | 552659.66 | 3289563.42 | 269.55 | 230° 34' 6"  |
| 5  | 552488.45 | 3289355.22 | 16.54  | 208° 12' 48" |
| 6  | 552473.88 | 3289347.4  | 27.49  | 328° 0' 25"  |
| 7  | 552497.19 | 3289332.84 | 13.98  | 84° 13' 52"  |
| 8  | 552498.6  | 3289346.74 | 268.11 | 49° 58' 31"  |
| 9  | 552671.03 | 3289552.06 | 31.62  | 315° 0' 22"  |
| 10 | 552693.38 | 3289529.7  | 121.98 | 45° 0' 22"   |

## подключающая ВЛ-10кВ на ПРС-21

| № точки | Координаты (МСК 27) |            | Длина     | Угол         |
|---------|---------------------|------------|-----------|--------------|
|         | Х                   | У          |           |              |
| 1       | 671940.76           | 3365925.65 | 64.18     | 127° 32' 24" |
| 2       | 671901.65           | 3365976.54 | 1051.93   | 102° 24' 21" |
| 3       | 671675.66           | 3367003.91 | 46.32     | 67° 33' 51"  |
| 4       | 671693.34           | 3367046.72 | 21.84     | 37° 39' 28"  |
| 5       | 671710.63           | 3367060.06 | 35 125,00 | 72° 3' 47"   |
| 6       | 671711.85           | 3367063.83 | 21.17     | 10° 39' 42"  |
| 7       | 671732.66           | 3367067.75 | 43 525,00 | 98° 45' 28"  |
| 8       | 671732.17           | 3367070.9  | 43 466,00 | 103° 34' 14" |
| 9       | 671731.89           | 3367072.06 | 42 737,00 | 205° 5' 58"  |
| 10      | 671729.99           | 3367071.17 | 35 462,00 | 185° 59' 56" |
| 11      | 671727.04           | 3367070.86 | 13 971,00 | 180° 31' 24" |
| 12      | 671722.66           | 3367070.82 | 11 414,00 | 191° 21' 43" |
| 13      | 671718.43           | 3367069.97 | 14.31     | 192° 13' 35" |
| 14      | 671704.45           | 3367066.94 | 42 401,00 | 252° 3' 47"  |
| 15      | 671703.78           | 3367064.89 | 42 876,00 | 217° 39' 28" |
| 16      | 671686.76           | 3367051.75 | 51.31     | 247° 49' 58" |
| 17      | 671667.4            | 3367004.23 | 1055.8    | 282° 24' 21" |
| 18      | 671894.22           | 3365973.08 | 66.06     | 307° 32' 14" |
| 19      | 671934.47           | 3365920.7  | 8,00      | 38° 11' 58"  |

## КС-6 с подводящими коммуникациями

| № точки | Координаты (МСК 27) |            | Длина   | Угол         |
|---------|---------------------|------------|---------|--------------|
|         | Х                   | У          |         |              |
| 1       | 416771.8            | 3198224.39 | 2439.66 | 350° 17' 23" |
| 2       | 419176.51           | 3197812.91 | 1618.69 | 8° 22' 17"   |
| 3       | 420777.95           | 3198048.57 | 731.22  | 338° 55' 37" |
| 4       | 421460.27           | 3197785.65 | 767.81  | 317° 48' 15" |
| 5       | 422029.11           | 3197269.94 | 90.95   | 39° 39' 51"  |
| 6       | 422099.12           | 3197327.99 | 51.93   | 119° 28' 0"  |
| 7       | 422073.57           | 3197373.2  | 82.86   | 208° 6' 4"   |
| 8       | 422000.48           | 3197334.17 | 99.93   | 117° 57' 1"  |
| 9       | 421953.64           | 3197422.44 | 200.06  | 27° 56' 4"   |
| 10      | 422130.4            | 3197516.17 | 99.35   | 297° 54' 44" |
| 11      | 422176.9            | 3197428.37 | 62.2    | 208° 6' 4"   |
| 12      | 422122.04           | 3197399.07 | 50.61   | 299° 17' 31" |
| 13      | 422146.8            | 3197354.94 | 237.39  | 12° 4' 52"   |
| 14      | 422378.93           | 3197404.62 | 27.89   | 94° 19' 10"  |

## Ведомость координат поворотных точек красных линий

|    |           |            |           |              |
|----|-----------|------------|-----------|--------------|
| 15 | 422376.83 | 3197432.44 | 0,00      | 0° 0' 0"     |
| 16 | 422376.83 | 3197432.44 | 26.58     | 181° 12' 38" |
| 17 | 422350.25 | 3197431.87 | 100.03    | 91° 16' 25"  |
| 18 | 422348.03 | 3197531.88 | 99.92     | 1° 14' 21"   |
| 19 | 422447.93 | 3197534.04 | 91.51     | 271° 17' 27" |
| 20 | 422449.99 | 3197442.55 | 117.51    | 328° 14' 59" |
| 21 | 422549.91 | 3197380.72 | 342.93    | 72° 49' 36"  |
| 22 | 422651.17 | 3197708.36 | 24,00     | 342° 49' 24" |
| 23 | 422674.1  | 3197701.27 | 367.83    | 252° 49' 36" |
| 24 | 422565.49 | 3197349.84 | 28.58     | 328° 13' 49" |
| 25 | 422589.79 | 3197334.79 | 1386.69   | 73° 0' 38"   |
| 26 | 422994.97 | 3198660.96 | 4354.04   | 126° 23' 13" |
| 27 | 420412    | 3202166.09 | 597.86    | 169° 8' 4"   |
| 28 | 419824.86 | 3202278.79 | 123.01    | 218° 12' 24" |
| 29 | 419728.2  | 3202202.71 | 247.56    | 194° 12' 51" |
| 30 | 419488.22 | 3202141.92 | 613.44    | 190° 48' 28" |
| 31 | 418885.66 | 3202026.89 | 203.28    | 127° 0' 16"  |
| 32 | 418763.31 | 3202189.23 | 0,00      | 0° 0' 0"     |
| 33 | 418763.31 | 3202189.23 | 306.18    | 49° 2' 15"   |
| 34 | 418964.03 | 3202420.44 | 348.87    | 84° 26' 35"  |
| 35 | 418997.82 | 3202767.67 | 1297.46   | 171° 45' 3"  |
| 36 | 417713.78 | 3202953.82 | 171.5     | 76° 14' 48"  |
| 37 | 417754.55 | 3203120.4  | 175.23    | 85° 58' 30"  |
| 38 | 417766.85 | 3203295.2  | 99.86     | 353° 47' 35" |
| 39 | 417866.13 | 3203284.41 | 6,00      | 263° 47' 35" |
| 40 | 417865.48 | 3203278.44 | 93.63     | 173° 47' 35" |
| 41 | 417772.4  | 3203288.56 | 169.51    | 265° 58' 30" |
| 42 | 417760.5  | 3203119.47 | 165.4     | 256° 14' 48" |
| 43 | 417721.18 | 3202958.81 | 1296.58   | 351° 45' 3"  |
| 44 | 419004.34 | 3202772.78 | 356.51    | 264° 26' 35" |
| 45 | 418969.82 | 3202417.95 | 303.24    | 229° 2' 15"  |
| 46 | 418771.03 | 3202188.97 | 194.69    | 307° 0' 16"  |
| 47 | 418888.21 | 3202033.49 | 609.52    | 10° 48' 28"  |
| 48 | 419486.92 | 3202147.78 | 246.11    | 14° 12' 51"  |
| 49 | 419725.49 | 3202208.21 | 124.47    | 38° 12' 24"  |
| 50 | 419823.3  | 3202285.2  | 602.93    | 349° 8' 4"   |
| 51 | 420415.42 | 3202171.54 | 4359.41   | 306° 23' 14" |
| 52 | 423001.59 | 3198662.1  | 1391.28   | 253° 0' 39"  |
| 53 | 422595.07 | 3197331.53 | 19.16     | 328° 13' 49" |
| 54 | 422611.36 | 3197321.44 | 1405.94   | 73° 0' 52"   |
| 55 | 423022.08 | 3198666.05 | 4374.4    | 126° 22' 18" |
| 56 | 420427.96 | 3202188.26 | 622.56    | 167° 32' 34" |
| 57 | 419820.06 | 3202322.55 | 135.84    | 220° 20' 16" |
| 58 | 419716.51 | 3202234.62 | 859.76    | 191° 7' 57"  |
| 59 | 418872.93 | 3202068.62 | 42 856,00 | 101° 7' 50"  |
| 60 | 418872.73 | 3202069.65 | 14 305,00 | 41° 36' 26"  |
| 61 | 418875.26 | 3202071.9  | 24 593,00 | 111° 18' 48" |
| 62 | 418873.2  | 3202077.18 | 33 604,00 | 191° 4' 39"  |
| 63 | 418871.32 | 3202076.81 | 23 802,00 | 101° 7' 50"  |
| 64 | 418870.61 | 3202080.4  | 856.63    | 11° 7' 57"   |

## Ведомость координат поворотных точек красных линий

|    |           |            |           |              |
|----|-----------|------------|-----------|--------------|
| 65 | 419711.13 | 3202245.79 | 138.67    | 40° 20' 16"  |
| 66 | 419816.83 | 3202335.55 | 633.02    | 347° 32' 34" |
| 67 | 420434.94 | 3202199.01 | 4384.94   | 306° 22' 19" |
| 68 | 423035.32 | 3198668.31 | 1415.14   | 253° 0' 52"  |
| 69 | 422621.91 | 3197314.9  | 26.89     | 328° 13' 49" |
| 70 | 422644.77 | 3197300.75 | 343.18    | 253° 5' 5"   |
| 71 | 422544.92 | 3196972.42 | 105.76    | 232° 58' 18" |
| 72 | 422481.23 | 3196887.99 | 150.54    | 335° 2' 5"   |
| 73 | 422617.71 | 3196824.45 | 62.89     | 245° 2' 41"  |
| 74 | 422591.18 | 3196767.43 | 346.79    | 334° 35' 37" |
| 75 | 422904.43 | 3196618.65 | 36.24     | 244° 39' 54" |
| 76 | 422888.92 | 3196585.89 | 28 491,00 | 154° 1' 28"  |
| 77 | 422887.32 | 3196586.67 | 145.14    | 244° 29' 6"  |
| 78 | 422824.8  | 3196455.69 | 69.97     | 154° 7' 16"  |
| 79 | 422761.85 | 3196486.23 | 46.8      | 64° 35' 54"  |
| 80 | 422781.92 | 3196528.5  | 258.21    | 154° 36' 6"  |
| 81 | 422548.67 | 3196639.25 | 60.01     | 64° 35' 51"  |
| 82 | 422574.41 | 3196693.46 | 42 751,00 | 154° 36' 6"  |
| 83 | 422559.95 | 3196700.32 | 140.09    | 245° 2' 41"  |
| 84 | 422500.84 | 3196573.31 | 86.09     | 155° 2' 57"  |
| 85 | 422422.79 | 3196609.62 | 127.99    | 245° 2' 39"  |
| 86 | 422368.79 | 3196493.59 | 196.5     | 155° 0' 6"   |
| 87 | 422190.7  | 3196576.63 | 150.18    | 65° 3' 2"    |
| 88 | 422254.04 | 3196712.79 | 34 304,00 | 335° 3' 2"   |
| 89 | 422265.77 | 3196707.34 | 3,00      | 65° 2' 39"   |
| 90 | 422267.03 | 3196710.06 | 0.32      | 155° 2' 44"  |
| 91 | 422266.74 | 3196710.2  | 61.08     | 65° 2' 12"   |
| 92 | 422292.51 | 3196765.57 | 232.97    | 155° 2' 39"  |
| 93 | 422081.3  | 3196863.86 | 393.46    | 99° 0' 42"   |
| 94 | 422019.67 | 3197252.47 | 769.21    | 137° 42' 32" |
| 95 | 421450.66 | 3197770.06 | 723.13    | 158° 55' 37" |
| 96 | 420775.89 | 3198030.07 | 1616.82   | 188° 22' 17" |
| 97 | 419176.3  | 3197794.68 | 2443.42   | 170° 17' 23" |
| 98 | 416767.88 | 3198206.8  | 42 784,00 | 77° 26' 59"  |

## КС-2 с подводными коммуникациями

| № точки | Координаты (МСК 27) |            | Длина     | Угол         |
|---------|---------------------|------------|-----------|--------------|
|         | Х                   | У          |           |              |
| 1       | 788783.21           | 4373171.95 | 24 504,00 | 159° 36' 25" |
| 2       | 788780.71           | 4373172.88 | 21 306,00 | 206° 52' 22" |
| 3       | 788775.73           | 4373170.35 | 43 088,00 | 154° 9' 48"  |
| 4       | 788758.52           | 4373178.69 | 15 432,00 | 244° 9' 48"  |
| 5       | 788756.59           | 4373174.71 | 68.96     | 154° 49' 31" |
| 6       | 788694.19           | 4373204.04 | 195.88    | 153° 54' 37" |
| 7       | 788518.27           | 4373290.19 | 87.18     | 244° 6' 57"  |
| 9       | 788480.21           | 4373211.75 | 48.56     | 259° 8' 55"  |
| 10      | 788471.07           | 4373164.06 | 35.67     | 165° 11' 3"  |
| 11      | 788436.58           | 4373173.19 | 23.17     | 257° 23' 16" |
| 12      | 788431.52           | 4373150.57 | 207.66    | 262° 52' 22" |
| 13      | 788405.76           | 4372944.52 | 105.93    | 263° 23' 35" |

## Ведомость координат поворотных точек красных линий

|    |           |            |           |              |
|----|-----------|------------|-----------|--------------|
| 14 | 788393.57 | 4372839.3  | 77.37     | 257° 13' 11" |
| 15 | 788376.45 | 4372763.84 | 96.7      | 264° 41' 20" |
| 16 | 788367.5  | 4372667.55 | 15 036,00 | 239° 37' 49" |
| 18 | 788365.78 | 4372664.61 | 44 682,00 | 280° 45' 12" |
| 19 | 788366.75 | 4372659.48 | 129.68    | 264° 41' 20" |
| 20 | 788354.75 | 4372530.36 | 45.07     | 258° 59' 22" |
| 21 | 788346.14 | 4372486.12 | 106.82    | 263° 32' 40" |
| 22 | 788334.13 | 4372379.98 | 118.11    | 271° 33' 27" |
| 23 | 788337.34 | 4372261.91 | 67.47     | 267° 18' 38" |
| 24 | 788334.17 | 4372194.52 | 25.91     | 276° 13' 7"  |
| 25 | 788336.98 | 4372168.76 | 82.6      | 274° 34' 16" |
| 26 | 788343.56 | 4372086.42 | 300.97    | 272° 25' 4"  |
| 27 | 788356.26 | 4371785.72 | 46.95     | 269° 56' 18" |
| 28 | 788356.21 | 4371738.77 | 28.46     | 280° 9' 40"  |
| 29 | 788361.23 | 4371710.76 | 16.21     | 274° 39' 37" |
| 30 | 788362.55 | 4371694.6  | 47.7      | 272° 19' 25" |
| 31 | 788364.48 | 4371646.94 | 43.21     | 267° 55' 39" |
| 32 | 788362.92 | 4371603.76 | 34.62     | 274° 15' 48" |
| 33 | 788365.49 | 4371569.24 | 37.37     | 270° 32' 14" |
| 34 | 788365.84 | 4371531.86 | 62.36     | 273° 56' 38" |
| 35 | 788370.13 | 4371469.65 | 61.1      | 275° 19' 50" |
| 36 | 788375.81 | 4371408.82 | 16.92     | 269° 33' 42" |
| 37 | 788375.68 | 4371391.9  | 57.8      | 272° 39' 57" |
| 38 | 788378.37 | 4371334.16 | 35.97     | 3° 5' 50"    |
| 39 | 788414.28 | 4371336.1  | 0,00      | 0° 0' 0"     |
| 40 | 788414.28 | 4371336.1  | 572.36    | 347° 9' 0"   |
| 41 | 788972.3  | 4371208.81 | 152.48    | 339° 41' 10" |
| 42 | 789115.3  | 4371155.87 | 14.82     | 24° 7' 52"   |
| 43 | 789128.83 | 4371161.93 | 244.87    | 328° 20' 14" |
| 44 | 789337.25 | 4371033.39 | 172.51    | 236° 5' 56"  |
| 45 | 789241.04 | 4370890.21 | 49.36     | 237° 48' 1"  |
| 46 | 789214.73 | 4370848.45 | 116.59    | 245° 12' 17" |
| 47 | 789165.84 | 4370742.61 | 372.82    | 247° 0' 37"  |
| 48 | 789020.23 | 4370399.4  | 170.14    | 246° 11' 59" |
| 49 | 788951.57 | 4370243.73 | 317.17    | 246° 54' 58" |
| 50 | 788827.22 | 4369951.96 | 383.06    | 255° 36' 5"  |
| 51 | 788731.96 | 4369580.93 | 476.83    | 255° 18' 43" |
| 52 | 788611.06 | 4369119.68 | 77.74     | 258° 17' 13" |
| 53 | 788595.28 | 4369043.56 | 70.21     | 268° 54' 13" |
| 54 | 788593.93 | 4368973.36 | 899.21    | 270° 44' 9"  |
| 55 | 788605.48 | 4368074.23 | 421.1     | 271° 0' 43"  |
| 56 | 788612.92 | 4367653.19 | 279.52    | 271° 49' 45" |
| 57 | 788621.84 | 4367373.81 | 1003.06   | 272° 49' 13" |
| 58 | 788671.2  | 4366371.97 | 601.02    | 275° 19' 25" |
| 59 | 788726.96 | 4365773.54 | 97.43     | 274° 23' 45" |
| 60 | 788734.43 | 4365676.4  | 200.98    | 276° 44' 7"  |
| 61 | 788758    | 4365476.8  | 53.88     | 295° 36' 19" |
| 62 | 788781.28 | 4365428.21 | 35.92     | 318° 12' 7"  |
| 63 | 788808.06 | 4365404.27 | 349.5     | 334° 3' 13"  |
| 64 | 789122.34 | 4365251.35 | 45.29     | 332° 3' 35"  |



## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 65  | 789162.35 | 4365230.13 | 30.28     | 309° 30' 2"  |
| 66  | 789181.61 | 4365206.77 | 202.99    | 258° 49' 44" |
| 67  | 789142.28 | 4365007.62 | 47.44     | 261° 56' 32" |
| 68  | 789135.63 | 4364960.65 | 68.37     | 286° 36' 5"  |
| 69  | 789155.17 | 4364895.13 | 254.18    | 293° 48' 2"  |
| 70  | 789257.74 | 4364662.56 | 366.21    | 292° 44' 8"  |
| 71  | 789399.28 | 4364324.81 | 106.34    | 291° 29' 14" |
| 72  | 789438.23 | 4364225.85 | 24 320,00 | 229° 17' 57" |
| 73  | 789432.58 | 4364219.29 | 34.52     | 305° 56' 28" |
| 74  | 789452.84 | 4364191.34 | 153.95    | 294° 35' 49" |
| 75  | 789516.92 | 4364051.36 | 456.29    | 307° 19' 28" |
| 76  | 789793.59 | 4363688.5  | 256.7     | 307° 0' 5"   |
| 77  | 789948.08 | 4363483.5  | 111.1     | 308° 16' 19" |
| 78  | 790016.9  | 4363396.27 | 19.74     | 37° 25' 34"  |
| 79  | 790032.58 | 4363408.27 | 424.66    | 307° 29' 8"  |
| 80  | 790291.01 | 4363071.3  | 760.28    | 307° 15' 55" |
| 81  | 790751.36 | 4362466.24 | 74.11     | 323° 9' 2"   |
| 82  | 790810.67 | 4362421.79 | 72.88     | 327° 32' 3"  |
| 83  | 790872.16 | 4362382.67 | 39.84     | 302° 53' 41" |
| 84  | 790893.79 | 4362349.22 | 136.76    | 285° 16' 43" |
| 85  | 790929.83 | 4362217.29 | 106.28    | 287° 22' 36" |
| 86  | 790961.57 | 4362115.86 | 6,00      | 197° 22' 36" |
| 87  | 790955.85 | 4362114.07 | 91.95     | 287° 22' 36" |
| 88  | 790983.31 | 4362026.32 | 361.11    | 284° 29' 8"  |
| 89  | 791073.63 | 4361676.69 | 18.77     | 273° 51' 8"  |
| 90  | 791074.89 | 4361657.96 | 6,00      | 3° 51' 8"    |
| 91  | 791080.88 | 4361658.36 | 47.57     | 273° 51' 8"  |
| 92  | 791084.08 | 4361610.9  | 99.3      | 270° 10' 55" |
| 93  | 791084.39 | 4361511.6  | 293.21    | 271° 10' 47" |
| 94  | 791090.43 | 4361218.45 | 60.8      | 269° 43' 11" |
| 95  | 791090.13 | 4361157.65 | 182.83    | 270° 55' 33" |
| 96  | 791093.09 | 4360974.85 | 42 754,00 | 266° 37' 31" |
| 97  | 791091.96 | 4360955.78 | 35 735,00 | 280° 57' 13" |
| 98  | 791094.24 | 4360944.02 | 13.75     | 269° 48' 48" |
| 99  | 791094.19 | 4360930.28 | 2,00      | 179° 48' 48" |
| 100 | 791092.19 | 4360930.28 | 32.03     | 271° 19' 49" |
| 101 | 791092.93 | 4360898.26 | 42 836,00 | 274° 35' 11" |
| 102 | 791093.82 | 4360887.26 | 2,00      | 4° 35' 11"   |
| 103 | 791095.81 | 4360887.42 | 20.43     | 274° 35' 11" |
| 104 | 791097.44 | 4360867.05 | 19.71     | 260° 52' 23" |
| 105 | 791094.32 | 4360847.59 | 21.98     | 281° 4' 46"  |
| 106 | 791098.54 | 4360826.02 | 19.39     | 269° 26' 0"  |
| 107 | 791098.35 | 4360806.63 | 31.98     | 260° 18' 16" |
| 108 | 791092.96 | 4360775.11 | 25.97     | 272° 31' 21" |
| 109 | 791094.11 | 4360749.17 | 69.94     | 270° 47' 45" |
| 110 | 791095.08 | 4360679.23 | 25.25     | 268° 59' 43" |
| 111 | 791094.64 | 4360653.99 | 32.44     | 272° 15' 51" |
| 112 | 791095.92 | 4360621.57 | 36.19     | 269° 15' 40" |
| 113 | 791095.45 | 4360585.39 | 150.43    | 271° 19' 47" |
| 114 | 791098.94 | 4360435    | 31.97     | 265° 39' 34" |

## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 115 | 791096.52 | 4360403.12 | 43 097,00 | 252° 52' 54" |
| 116 | 791088.24 | 4360376.24 | 68.31     | 243° 8' 57"  |
| 117 | 791057.39 | 4360315.3  | 289.93    | 240° 43' 17" |
| 118 | 790915.6  | 4360062.41 | 36.07     | 243° 10' 24" |
| 119 | 790899.32 | 4360030.22 | 97.79     | 240° 47' 18" |
| 120 | 790851.6  | 4359944.87 | 79.37     | 242° 39' 37" |
| 121 | 790815.15 | 4359874.37 | 42 939,00 | 151° 6' 9"   |
| 122 | 790794.95 | 4359885.51 | 19 603,00 | 193° 0' 4"   |
| 123 | 790785.67 | 4359883.37 | 42.87     | 238° 24' 54" |
| 124 | 790763.22 | 4359846.85 | 4,00      | 227° 0' 28"  |
| 125 | 790760.49 | 4359843.93 | 172.1     | 251° 8' 43"  |
| 126 | 790704.87 | 4359681.06 | 37.14     | 273° 7' 24"  |
| 127 | 790706.89 | 4359643.98 | 24 959,00 | 268° 3' 16"  |
| 128 | 790706.7  | 4359638.31 | 18.26     | 340° 22' 49" |
| 129 | 790723.9  | 4359632.17 | 26.63     | 248° 15' 49" |
| 130 | 790714.04 | 4359607.43 | 32 203,00 | 295° 31' 47" |
| 131 | 790715.71 | 4359603.94 | 18 719,00 | 331° 4' 50"  |
| 132 | 790719.66 | 4359601.75 | 110.34    | 336° 23' 10" |
| 133 | 790820.76 | 4359557.56 | 31 503,00 | 320° 39' 8"  |
| 134 | 790824.52 | 4359554.47 | 61.74     | 336° 3' 58"  |
| 135 | 790880.96 | 4359529.42 | 36.64     | 251° 34' 19" |
| 136 | 790869.38 | 4359494.66 | 43 051,00 | 256° 28' 12" |
| 137 | 790866.54 | 4359482.89 | 68.17     | 252° 39' 7"  |
| 138 | 790846.21 | 4359417.82 | 17.52     | 257° 23' 25" |
| 139 | 790842.39 | 4359400.72 | 16,00     | 262° 55' 39" |
| 140 | 790840.42 | 4359384.84 | 20 607,00 | 300° 50' 27" |
| 141 | 790843.78 | 4359379.2  | 123.31    | 344° 57' 20" |
| 142 | 790962.86 | 4359347.19 | 174.16    | 74° 45' 53"  |
| 143 | 791008.63 | 4359515.23 | 71.49     | 164° 45' 50" |
| 144 | 790939.66 | 4359534.02 | 50.41     | 74° 45' 50"  |
| 145 | 790952.9  | 4359582.66 | 198.03    | 160° 33' 34" |
| 146 | 790766.16 | 4359648.57 | 16 742,00 | 70° 33' 13"  |
| 147 | 790769.98 | 4359659.36 | 14.25     | 339° 44' 17" |
| 148 | 790783.35 | 4359654.43 | 157.74    | 71° 13' 29"  |
| 149 | 790834.12 | 4359803.77 | 29.59     | 342° 21' 3"  |
| 150 | 790862.32 | 4359794.8  | 20.85     | 250° 35' 41" |
| 151 | 790855.39 | 4359775.14 | 216.37    | 342° 10' 58" |
| 152 | 791061.38 | 4359708.93 | 18 780,00 | 74° 45' 53"  |
| 153 | 791063.09 | 4359715.21 | 117.84    | 344° 45' 44" |
| 154 | 791176.79 | 4359684.24 | 53.31     | 254° 45' 44" |
| 155 | 791162.78 | 4359632.8  | 134.59    | 344° 45' 50" |
| 156 | 791292.65 | 4359597.43 | 287.56    | 254° 45' 55" |
| 157 | 791217.08 | 4359319.98 | 37.95     | 164° 45' 54" |
| 158 | 791180.47 | 4359329.95 | 49.29     | 252° 46' 0"  |
| 159 | 791165.87 | 4359282.88 | 212.79    | 164° 2' 5"   |
| 160 | 790961.29 | 4359341.4  | 125.82    | 164° 54' 41" |
| 161 | 790839.81 | 4359374.16 | 33 878,00 | 120° 50' 27" |
| 162 | 790834.21 | 4359383.53 | 18.35     | 82° 55' 39"  |
| 163 | 790836.47 | 4359401.75 | 43 087,00 | 77° 23' 25"  |
| 164 | 790840.43 | 4359419.43 | 68.18     | 72° 38' 56"  |

## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 165 | 790860.76 | 4359484.51 | 43 070,00 | 76° 28' 12"  |
| 166 | 790863.61 | 4359496.34 | 31.43     | 71° 41' 32"  |
| 167 | 790873.48 | 4359526.18 | 57.04     | 156° 3' 58"  |
| 168 | 790821.34 | 4359549.32 | 31 868,00 | 140° 39' 8"  |
| 169 | 790817.58 | 4359552.4  | 109.77    | 156° 23' 20" |
| 170 | 790717    | 4359596.37 | 26 451,00 | 151° 4' 50"  |
| 171 | 790711.13 | 4359599.61 | 16 285,00 | 115° 31' 47" |
| 172 | 790707.49 | 4359607.23 | 42 817,00 | 68° 3' 45"   |
| 173 | 790716.09 | 4359628.59 | 16.49     | 160° 22' 49" |
| 174 | 790700.56 | 4359634.13 | 28 004,00 | 88° 3' 16"   |
| 175 | 790700.89 | 4359643.88 | 38.11     | 93° 6' 19"   |
| 176 | 790698.82 | 4359681.93 | 174.56    | 71° 8' 17"   |
| 177 | 790755.25 | 4359847.11 | 27 851,00 | 47° 0' 28"   |
| 178 | 790758.5  | 4359850.59 | 44.66     | 58° 13' 33"  |
| 179 | 790782.02 | 4359888.56 | 42 866,00 | 13° 32' 37"  |
| 180 | 790793.19 | 4359891.25 | 42 949,00 | 32° 28' 38"  |
| 181 | 790794.95 | 4359892.37 | 20.16     | 331° 6' 9"   |
| 182 | 790812.6  | 4359882.63 | 73.26     | 62° 37' 12"  |
| 183 | 790846.3  | 4359947.68 | 97.82     | 60° 47' 16"  |
| 184 | 790894.04 | 4360033.06 | 36.02     | 63° 10' 31"  |
| 185 | 790910.29 | 4360065.2  | 289.94    | 60° 43' 17"  |
| 186 | 791052.08 | 4360318.1  | 67.69     | 63° 8' 57"   |
| 187 | 791082.66 | 4360378.5  | 26.85     | 72° 52' 54"  |
| 188 | 791090.56 | 4360404.16 | 43 100,00 | 85° 37' 44"  |
| 189 | 791092.93 | 4360435.18 | 150.18    | 91° 19' 46"  |
| 190 | 791089.45 | 4360585.32 | 36.18     | 89° 15' 49"  |
| 191 | 791089.92 | 4360621.5  | 32.45     | 92° 15' 51"  |
| 192 | 791088.63 | 4360653.93 | 25.26     | 88° 59' 43"  |
| 193 | 791089.08 | 4360679.18 | 69.87     | 90° 47' 44"  |
| 194 | 791088.11 | 4360749.04 | 26.47     | 92° 31' 21"  |
| 195 | 791086.94 | 4360775.49 | 32.14     | 80° 18' 16"  |
| 196 | 791092.35 | 4360807.17 | 42 812,00 | 89° 26' 0"   |
| 197 | 791092.54 | 4360825.47 | 22.43     | 101° 4' 46"  |
| 198 | 791088.22 | 4360847.49 | 42 906,00 | 80° 52' 23"  |
| 199 | 791091.41 | 4360867.29 | 13.71     | 94° 35' 11"  |
| 200 | 791090.31 | 4360880.95 | 2,00      | 184° 35' 11" |
| 201 | 791088.32 | 4360880.79 | 42 783,00 | 94° 35' 11"  |
| 202 | 791086.94 | 4360897.94 | 38.37     | 91° 5' 27"   |
| 203 | 791086.21 | 4360936.3  | 2,00      | 359° 48' 48" |
| 204 | 791088.21 | 4360936.3  | 42 552,00 | 89° 48' 48"  |
| 205 | 791088.23 | 4360943.46 | 41 974,00 | 100° 57' 13" |
| 206 | 791085.93 | 4360955.38 | 19.65     | 86° 37' 31"  |
| 207 | 791087.08 | 4360975    | 182.63    | 90° 55' 35"  |
| 208 | 791084.13 | 4361157.61 | 60.8      | 89° 43' 11"  |
| 209 | 791084.43 | 4361218.41 | 293.18    | 91° 10' 47"  |
| 210 | 791078.39 | 4361511.53 | 99.16     | 90° 10' 55"  |
| 211 | 791078.08 | 4361610.69 | 41.38     | 93° 51' 8"   |
| 212 | 791075.3  | 4361651.97 | 6,00      | 183° 51' 8"  |
| 213 | 791069.31 | 4361651.57 | 24.22     | 93° 51' 8"   |
| 214 | 791067.68 | 4361675.73 | 360.39    | 104° 29' 8"  |

## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 215 | 790977.54 | 4362024.66 | 97.81     | 107° 22' 36" |
| 216 | 790948.33 | 4362118.01 | 6,00      | 17° 22' 36"  |
| 217 | 790954.05 | 4362119.8  | 100.36    | 107° 22' 36" |
| 218 | 790924.08 | 4362215.58 | 135.97    | 105° 16' 52" |
| 219 | 790888.25 | 4362346.74 | 37.69     | 122° 56' 57" |
| 220 | 790867.75 | 4362378.37 | 71.7      | 147° 32' 3"  |
| 221 | 790807.25 | 4362416.85 | 75.18     | 143° 9' 2"   |
| 222 | 790747.09 | 4362461.94 | 761.1     | 127° 15' 54" |
| 223 | 790286.24 | 4363067.66 | 418.65    | 127° 29' 8"  |
| 224 | 790031.46 | 4363399.86 | 19.66     | 217° 25' 34" |
| 225 | 790015.85 | 4363387.91 | 117.08    | 128° 16' 19" |
| 226 | 789943.33 | 4363479.83 | 256.75    | 127° 0' 5"   |
| 227 | 789788.81 | 4363684.88 | 456.95    | 127° 19' 28" |
| 228 | 789511.75 | 4364048.25 | 154.02    | 114° 35' 49" |
| 229 | 789447.64 | 4364188.3  | 38.67     | 125° 56' 28" |
| 230 | 789424.94 | 4364219.61 | 28 734,00 | 49° 17' 57"  |
| 231 | 789431.32 | 4364227.02 | 102.66    | 111° 29' 14" |
| 232 | 789393.72 | 4364322.55 | 366.09    | 112° 44' 8"  |
| 233 | 789252.23 | 4364660.19 | 254.51    | 113° 48' 2"  |
| 234 | 789149.52 | 4364893.05 | 70.06     | 106° 36' 5"  |
| 235 | 789129.51 | 4364960.19 | 48.91     | 81° 56' 32"  |
| 236 | 789136.36 | 4365008.63 | 200.31    | 78° 49' 44"  |
| 237 | 789175.17 | 4365205.14 | 26.24     | 129° 30' 2"  |
| 238 | 789158.48 | 4365225.39 | 43.99     | 152° 3' 35"  |
| 239 | 789119.62 | 4365246    | 350.23    | 154° 3' 13"  |
| 240 | 788804.69 | 4365399.24 | 37.95     | 138° 12' 7"  |
| 241 | 788776.39 | 4365424.54 | 56.08     | 115° 36' 19" |
| 242 | 788752.16 | 4365475.11 | 202.1     | 96° 44' 7"   |
| 243 | 788728.45 | 4365675.82 | 97.5      | 94° 23' 45"  |
| 244 | 788720.98 | 4365773.03 | 601.1     | 95° 19' 25"  |
| 245 | 788665.21 | 4366371.53 | 1003.24   | 92° 49' 13"  |
| 246 | 788615.84 | 4367373.56 | 279.63    | 91° 49' 45"  |
| 247 | 788606.92 | 4367653.05 | 421.16    | 91° 0' 43"   |
| 248 | 788599.48 | 4368074.14 | 899.31    | 90° 44' 9"   |
| 249 | 788587.93 | 4368973.38 | 70.87     | 88° 54' 13"  |
| 250 | 788589.29 | 4369044.23 | 78.46     | 78° 17' 13"  |
| 251 | 788605.22 | 4369121.06 | 476.95    | 75° 18' 43"  |
| 252 | 788726.15 | 4369582.43 | 383.52    | 75° 36' 4"   |
| 253 | 788821.52 | 4369953.9  | 317.65    | 66° 54' 58"  |
| 254 | 788946.06 | 4370246.12 | 170.14    | 66° 11' 59"  |
| 255 | 789014.73 | 4370401.79 | 372.84    | 67° 0' 37"   |
| 256 | 789160.34 | 4370745.02 | 117.09    | 65° 12' 17"  |
| 257 | 789209.45 | 4370851.32 | 49.83     | 57° 48' 1"   |
| 258 | 789236    | 4370893.48 | 166.36    | 56° 6' 20"   |
| 259 | 789328.78 | 4371031.57 | 235.44    | 148° 20' 14" |
| 260 | 789128.39 | 4371155.16 | 42 749,00 | 204° 7' 52"  |
| 261 | 789115.52 | 4371149.39 | 154.54    | 159° 41' 10" |
| 262 | 788970.59 | 4371203.04 | 571.13    | 167° 9' 0"   |
| 263 | 788413.77 | 4371330.06 | 41.16     | 183° 5' 50"  |
| 264 | 788372.67 | 4371327.84 | 63.97     | 92° 40' 39"  |



## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 265 | 788369.68 | 4371391.74 | 16.86     | 89° 33' 42"  |
| 266 | 788369.81 | 4371408.6  | 60.8      | 95° 20' 14"  |
| 267 | 788364.15 | 4371469.13 | 62.59     | 93° 56' 40"  |
| 268 | 788359.85 | 4371531.58 | 37.41     | 90° 32' 14"  |
| 269 | 788359.49 | 4371568.99 | 34.77     | 94° 15' 48"  |
| 270 | 788356.91 | 4371603.66 | 43.26     | 87° 55' 27"  |
| 271 | 788358.48 | 4371646.89 | 47.47     | 92° 19' 33"  |
| 272 | 788356.55 | 4371694.32 | 15.71     | 94° 39' 37"  |
| 273 | 788355.27 | 4371709.98 | 28.71     | 100° 9' 40"  |
| 274 | 788350.21 | 4371738.24 | 47.34     | 89° 56' 18"  |
| 275 | 788350.26 | 4371785.58 | 300.74    | 92° 25' 3"   |
| 276 | 788337.57 | 4372086.05 | 82.4      | 94° 34' 16"  |
| 277 | 788331.01 | 4372168.19 | 26.28     | 96° 13' 7"   |
| 278 | 788328.16 | 4372194.31 | 67.85     | 87° 19' 12"  |
| 279 | 788331.33 | 4372262.09 | 118.19    | 91° 33' 27"  |
| 280 | 788328.12 | 4372380.24 | 107.47    | 83° 32' 40"  |
| 281 | 788340.2  | 4372487.03 | 45.01     | 78° 59' 22"  |
| 282 | 788348.8  | 4372531.21 | 128.53    | 84° 41' 20"  |
| 283 | 788360.7  | 4372659.19 | 23 163,00 | 100° 45' 12" |
| 285 | 788359.46 | 4372665.7  | 12 145,00 | 59° 37' 49"  |
| 286 | 788361.65 | 4372669.44 | 95.76     | 84° 41' 20"  |
| 287 | 788370.51 | 4372764.79 | 67.2      | 77° 13' 28"  |
| 290 | 788385.37 | 4372830.32 | 45 566,00 | 77° 11' 21"  |
| 291 | 788387.65 | 4372840.31 | 124.17    | 83° 17' 15"  |
| 292 | 788402.16 | 4372963.63 | 110.45    | 82° 48' 6"   |
| 293 | 788416    | 4373073.21 | 30 682,00 | 8° 26' 18"   |
| 294 | 788417.82 | 4373073.48 | 81.78     | 83° 34' 9"   |
| 295 | 788426.98 | 4373154.75 | 0.67      | 179° 45' 43" |
| 296 | 788426.31 | 4373154.75 | 26.47     | 77° 23' 16"  |
| 297 | 788432.09 | 4373180.58 | 35.35     | 345° 11' 3"  |
| 298 | 788466.27 | 4373171.54 | 42.91     | 78° 59' 4"   |
| 299 | 788474.46 | 4373213.66 | 93.9      | 64° 8' 43"   |
| 301 | 788515.41 | 4373298.16 | 42 064,00 | 334° 8' 43"  |
| 302 | 788518.25 | 4373296.79 | 0.7       | 244° 25' 49" |
| 303 | 788517.95 | 4373296.16 | 42 745,00 | 336° 13' 40" |
| 304 | 788527.19 | 4373292.09 | 0.44      | 64° 34' 30"  |
| 305 | 788527.38 | 4373292.49 | 32.35     | 334° 11' 23" |
| 306 | 788556.5  | 4373278.4  | 24 108,00 | 246° 37' 11" |
| 307 | 788555.84 | 4373276.88 | 40.63     | 334° 13' 24" |
| 308 | 788592.43 | 4373259.21 | 20 090,00 | 65° 35' 58"  |
| 309 | 788593.07 | 4373260.62 | 27.52     | 332° 48' 45" |
| 310 | 788617.55 | 4373248.05 | 18.21     | 333° 49' 57" |
| 311 | 788633.9  | 4373240.02 | 0.95      | 245° 26' 43" |
| 312 | 788633.5  | 4373239.15 | 63.57     | 333° 38' 40" |
| 313 | 788690.46 | 4373210.93 | 35.37     | 333° 59' 34" |
| 314 | 788722.25 | 4373195.42 | 36.22     | 335° 2' 53"  |
| 315 | 788755.09 | 4373180.14 | 43 617,00 | 65° 13' 56"  |
| 316 | 788757.68 | 4373185.76 | 19.98     | 334° 9' 48"  |
| 317 | 788775.67 | 4373177.05 | 12 540,00 | 26° 52' 22"  |
| 318 | 788780.43 | 4373179.47 | 21 306,00 | 339° 26' 13" |

## Ведомость координат поворотных точек красных линий

|     |           |            |           |              |
|-----|-----------|------------|-----------|--------------|
| 319 | 788785.65 | 4373177.51 | 42 922,00 | 246° 15' 17" |
|-----|-----------|------------|-----------|--------------|

## УРГ-2 с подводщими коммуникациями

|   |            |           |        |              |
|---|------------|-----------|--------|--------------|
| 1 | 3212043.10 | 459954.42 | 109.19 | 129° 26' 31" |
| 2 | 3212127.05 | 459884.60 | 25.92  | 219° 26' 31" |
| 3 | 3212152.96 | 459886.53 | 69.36  | 265° 44' 6"  |
| 4 | 3212196.99 | 459940.06 | 8.00   | 309° 45' 10" |
| 5 | 3212203.17 | 459934.98 | 72.73  | 39° 44' 53"  |
| 6 | 3212156.96 | 459878.80 | 32.63  | 129° 45' 10" |
| 7 | 3212124.42 | 459876.38 | 112.43 | 85° 44' 6"   |
| 8 | 3212037.99 | 459948.27 | 8.00   | 39° 26' 31"  |