



**REPUBLIC OF BULGARIA**

**TSAREVO MUNICIPALITY**

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## **Project**

**Site:** Improvement of the access to cultural-historical landmarks – old mill and temple in Vasiliko quarter, town of Tsarevo

**Principal:** Tsarevo Municipality

**Phase:** Technical design

**Prepared by:**

Arch. D Kaludov .....

Eng. Z. Kiryakova .....

Landscape arch. T. Tsvetanova .....

  
**ВЯРНО С ОРИГИНАЛА**



## EXPLANATORY NOTE

### Part "Architectural"

The site is situated in the town of Tsarevo in landed estates with identification numbers 48619.505.194, 48619.505.252, 48619.505.192, 48619.505.270 – municipal property.

The investment intent of Tsarevo Municipality is to develop a waterfront alley continuing the exiting one and reaching to the Assumption Day Church in Vasiliko quarter. The length of the alley is 396 m and it is divided into two zones by lighting bodies. The first zone is designated for bicycle lane 2 m wide and it shall be paved by asphalt. The second zone is the pedestrian alley 2.50 m wide and it shall be paved by stamped concrete. At the junction with Cherkovna street, the alley enters the street zoning and the bicycle and pedestrian zones are reduced to 1.50 m width. Along the alley 5 benches shall be mounted without backrest, so that the visitors could use them for sitting in both directions. Also, the plan provides for the construction of 2 viewing spots developed of concrete paving stones in different colours. Both spots shall feature a pergola with semicircular bench. Both viewing spots shall be interconnected by a stone slabs path.

In the zone of the old mill building the construction of a supporting wall, reinforced as per the construction details, is necessary.

### Part "Constructions"

The planned construction-assembly works include: excavation, shuttering, reinforcement and concrete works. The stamped concrete is reinforced by mesh  $\Phi 6.5$  in both directions at each 25 cm. the supporting wall reinforcement is according to the construction details. The concrete should be well compacted, by needle vibrator or manually. The reinforcement should be approved by the designer before casting the concrete. The materials necessary for the performance are: sulphate-resistant concrete B25 SU, reinforcement bars of steel AI – regular and steel AIII – ribbed bars.

### Part "Electrical"

The project provides for the mounting of 19 lighting bodies, 11 of which with double arms and 8 with single. The first ones are situated between the two alleys until their inclusion in Cherkovna street, and the rest are situated at the inner part of the seafront alley. The cables are laid in excavation and in PVC pipes.

It is planned the lighting bodies to be powered by the existing electric switchbox in the vicinity of the site.

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## Specifications

**For site:** Improvement of the access to cultural-historical landmarks “Old Mill” and “Temple” in Vasiliko quarter, town of Tsarevo

**Bench without backrest:** Length 190 cm, legs width 45 cm, height of the sitting part – 45 cm. Structure of concrete elements with maritime themes and wood (oak, 4 pcs. profiles with dimensions 10 cm/5 cm/190 cm).

**Waste bin:** Bin height 65 cm, diameter  $\phi 45$  cm, capacity 50 l, in set with galvanized bucket and lid. Structure of concrete with sprayed wet grinded mosaic.

**Park lighting body with one arm:** A pole of 5 m height with one arm and one lighting body “Hemisphere” type. A pole with foundation of cast iron, with diameter at the base 300 mm and upper part of galvanized steel pipe by hot dipping and with anticorrosion coating. In set with lamps, terminal block and autonomous circuit breaker. Lighting bodies 1x20W LED.

**Park lighting body with two arms:** A pole of 5 m height with two arms at different height and two lighting bodies “Hemisphere” type. A pole with foundation of cast iron, with diameter at the base 300 mm and upper part of galvanized steel pipe by hot dipping and with anticorrosion coating. In set with lamps, terminal block and autonomous circuit breaker. Lighting bodies 2x20W LED.

**Bicycle rack:** Should be of stainless steel unpolished and in the shape of maritime elements (wave, fish, sailing boat, crab, etc.).

**Bicycle repair stand:**

Minimum equipment of the stand:

- Adjustable spanner;
- Set of Allen keys from 2.5 to 10;
- Screwdrivers PH flat and crosshead;



- Cone keys sizes 13, 14, 15, and 17;
- Set of tire bars;
- Pump for tires.

The stand and the equipment thereto should meet the quality and safety standards and should provide for intensive use outdoors.

The materials, of which the tools and the open parts of the facility have been made, should be resistant to dampness, sea water and the characteristic for the region atmospheric impacts.

The tools should protected against theft in a suitable manner so that their use to be safe and easy.

The facility should have the possibility to be lastingly fixed to the ground.

### **Wooden pergola:**

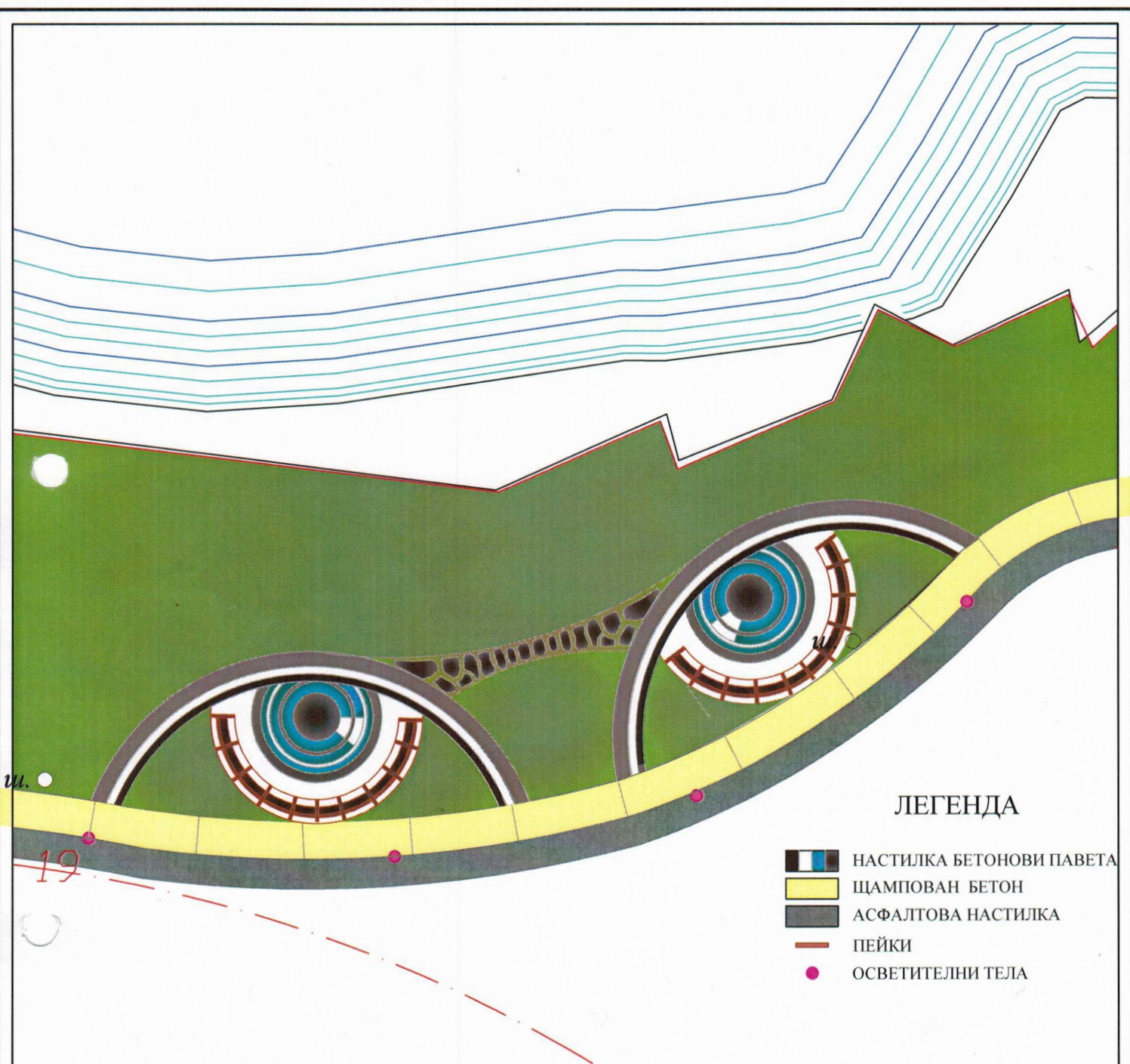
Wooden pergola in the form of a semicircle with an outer radius of 7 m; material: White pine and Rhodope pine. Divided into 12 elements, height at the column 2.5m and height to the purlin at the innermost part - 2.7m. 13pcs. columns 14cm / 14cm / 250cm; 13pcs. double purlins each measuring 5 cm / 10 cm / 240 cm; front and back support (10cm / 10cm / 100cm for each column; ribs - 8pcs 6cm / 12cm / from 133cm to 196cm between columns / total  $12 \times 8 = 96$  pcs /; between each column bench with backrest: for the seat - 4pcs. boards 4 cm / 10 cm / 183 cm and 2 pcs. 4cm / 10cm / 183cm for the backrest. The material for the ribs and benches is White pine and the rest - Rhodope pine.

**Prepared by:**

ВЯРНО С ОРИГИНАЛЪ



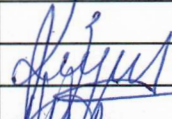


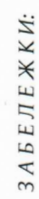
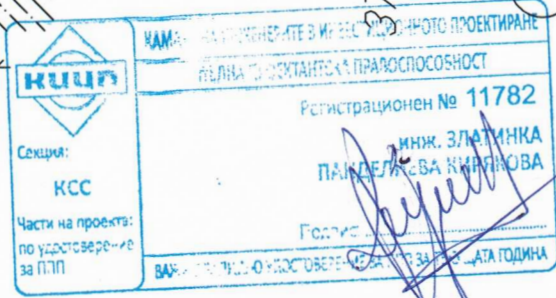


# ЛЕГЕНДА

- НАСТИЛКА БЕТОНОВИ ПАВЕТА
- ЩАМПОВАН БЕТОН
- АСФАТОВА НАСТИЛКА
- ПЕЙКИ
- ОСВЕТИТЕЛНИ ТЕЛА



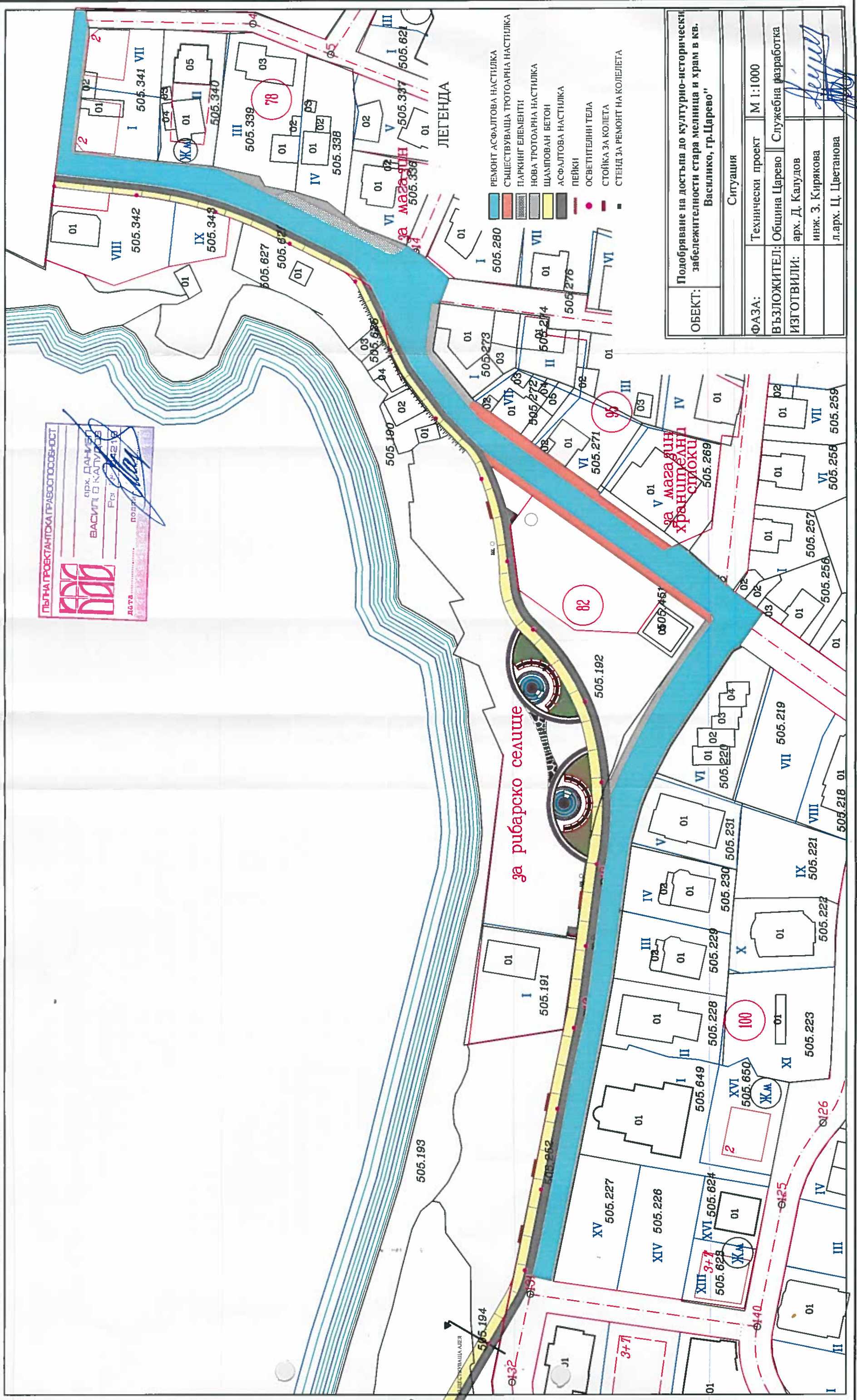
ОБЕКТ:	Подобряване на достъпа до културно-исторически забележителности стара мелница и храм в кв. Васишко, гр.Царево"		
	Детайл - Изгледни Площадки		
ФАЗА:	Технически проект	М 1:350	
ВЪЗЛОЖИТЕЛ:	Община Царево	Служебна разработка	
ИЗГОТВИЛИ:	арх. Д. Калудов		
	инж. З. Кирякова		
	л.арх. Ц. Цветанова		



1. Бетон клас В 15.
2. Бетонът във фундамента се полага без прекъсване.
3. Да се осигури бетонно покритие на армировката 3,5 см.
4. Стюла А I (ф) . А III (N).
5. Обраният настиг изпълнява от тразбодан пясък.
6. Бетонната настилка се армира с мрежа ф 6,5 при ст 20см.
7. Изкопа да се приеме от технически правоспособно лице.

ОБЪЕКТ: Подобриване на достъпа до културно-исторически забележителности стара мелница и храм в кв. Василево, гр.Царево"	Конструктивни детайли - подпорна стена	
	Технически проект	M 1:20
ВЪЗЛОЖИТЕЛ: ИЗГОТВИЛИ:	Община Царево	
	арх. Д. Калудов	
	инж. З. Кирякова	
	д.арх. Ц. Цветанова	



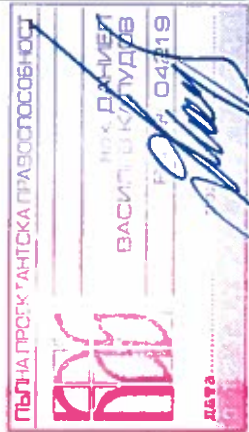
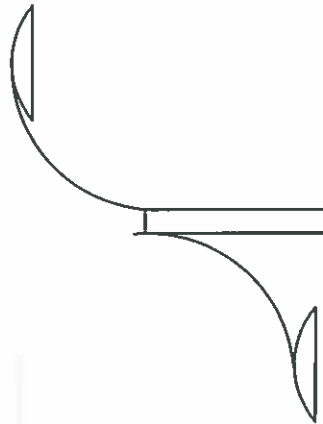


ЛЕГЕНДА

- РЕМОНТ АСФАЛТОВА НАСТИЛКА
- СЪЩЕСТВУВАЩА ТРОТОАРИА НАСТИЛКА
- ПАРКИНГ ЕЛЕМЕНТИ
- НОВА ТРОТОАРИА НАСТИЛКА
- ЩАМПОВАН БЕТОН
- АСФАЛТОВА НАСТИЛКА
- ПЕЙЖИ
- ОСВЕТИТЕЛНИ ТЕЛА
- СТОЙКА ЗА КОЛЕТА
- СТЕНД ЗА РЕМОНТ НА КОЛЕЛЕТА

ОБЕКТ:	Подобряване на достъпа до културно-исторически забележителности стара мелница и храм в кв. Василево, гр. Царево
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	инж. З. Кирякова
	л. арх. Ц. Цветанова





УЛИЧНА РЕГУЛОЦ.  
ЛИНИЯ

ТРОТОАРНА НАСТИЛКА

60

ПЪТНО ПЛЪТНО

200

250

УЛИЧНА РЕГУЛОЦ.  
ЛИНИЯ

НАСТИЛКА ОТ АСФАЛТ 4СМ  
НАСТИЛКА ОТ БИНДЕР 4СМ  
ОСНОВА ТРОШЕН КАМЪК 0-5  
ОСНОВА ТРОШЕН КАМЪК 0-40  
ЗЕМНА ПОЧВА

НАСТИЛКА ОТ АСФАЛТ  
ОСНОВА ТРОШЕН КАМЪК  
ЗЕМНА ПОЧВА

ЩАМПОВАН БЕТОН  
ОСНОВА ТРОШЕН КАМЪК  
ЗЕМНА ПОЧВА

ОБЕКТ: Подобриване на лостъла до културно-исторически  
пабележителности стара мелница и храм в кв.  
Василико, гр. Царево"

Детайл

ФАЗА:	Технически проект	М 1:20
ВЪЗЛОЖИТЕЛ:	Община Царево	Служебна разработка
ИЗГОТВИЛИ:	арх. Д. Калудов	
	инж. З. Кирякова	
	л. арх. Ц. Цвєткова	



*Translation from Bulgarian*

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**P O S I T I O N**

**of Arh. Daniel Kaludov**  
**Chief architect of the Municipality of Tsarevo**

**CONCERNING:**

"Improving access to cultural and historical landmarks an old mill and a temple in Vasiliko quarter, town of Tsarevo"

In connection with a Letter with Outbound № CB005.2.21.092 of 18.05.2018, concerning an explanation of the issued position on the project: " Improving access to cultural and historical landmarks an old mill and a temple in Vasiliko quarter, town of Tsarevo" / PP1 Tsarevo Municipality /, Directorate Territorial Planning, Tsarevo Municipality, issues the following position:

1. The activities envisaged on Bill of Quantities under Part "Electrical" fall within the scope of Art. 151, par. 1, item 1 of the SDA, because there is an existing street lighting in the project area, which is replaced by a new one. The provisions of Art. 147 par.1 of the SDA cover the montage of new installations on new routes.
2. We provide a park lighting scheme.

Arh.D.Kaludov  
Chief architect of the Municipality of Tsarevo



