



Shakarim University 校园景观设计项目





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01

设计灵感

Design inspiration



红丝绸

RED SILK

灵感说明

Inspiration note

丝绸的符号象征：

丝绸是古代丝绸之路的核心贸易品和文化载体，如今也是从历史到当代的文化纽带，其柔滑、坚韧的物理特性是“联结”的象征。

红色的符号意义：

红色在中国传统文化中代表喜庆与生命力，象征繁荣与吉祥。

Symbolism of Silk: Silk was the core trade product and cultural carrier of the ancient Silk Road, and now it is also the cultural link from history to the present day, and its smooth and tough physical properties are the symbol of 'connection'.

Symbolism of red colour: Red colour represents joy and vitality in traditional Chinese culture, and symbolises prosperity and good fortune.

从“物”到“精神”的设计升华

Design Sublimation from 'Object' to 'Spirit'

红丝绸在“一带一路”中不仅是历史符号的复刻，更是通过色彩、材质、动态的再创造，**本设计的核心逻辑可概括为：**

历史性：借丝绸联结古代丝路辉煌，唤醒集体记忆；

包容性：通过色彩与形态的多元融合，超越地域限制；

未来性：以动态化设计语言，指向全球化合作愿景。

Red silk in the 'Belt and Road' is not only a reproduction of historical symbols, but also a re-creation of colour, material and dynamics. **The core logic of this design can be summarized as follows:**

Historicity: Silk is used to link the glory of the ancient Silk Road and awaken the collective memory;

Inclusiveness: transcending geographical limitations through the diversified fusion of colours and forms;

Futuristic: a dynamic design language that points to a vision of globalisation and cooperation.

02

总平面图

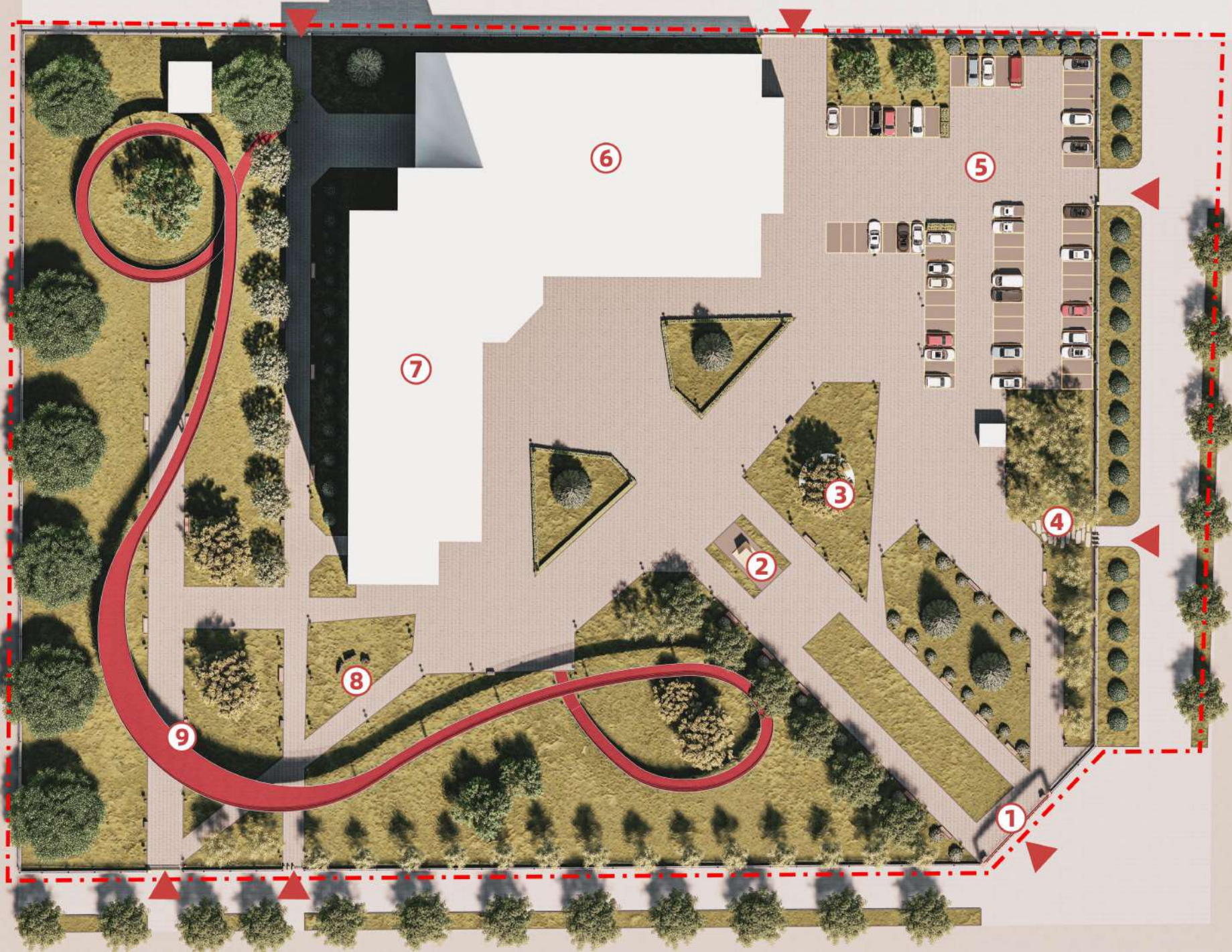
General layout plan

总平面图 THE GENERAL PLAN



图例： FIGURE LEGEND:

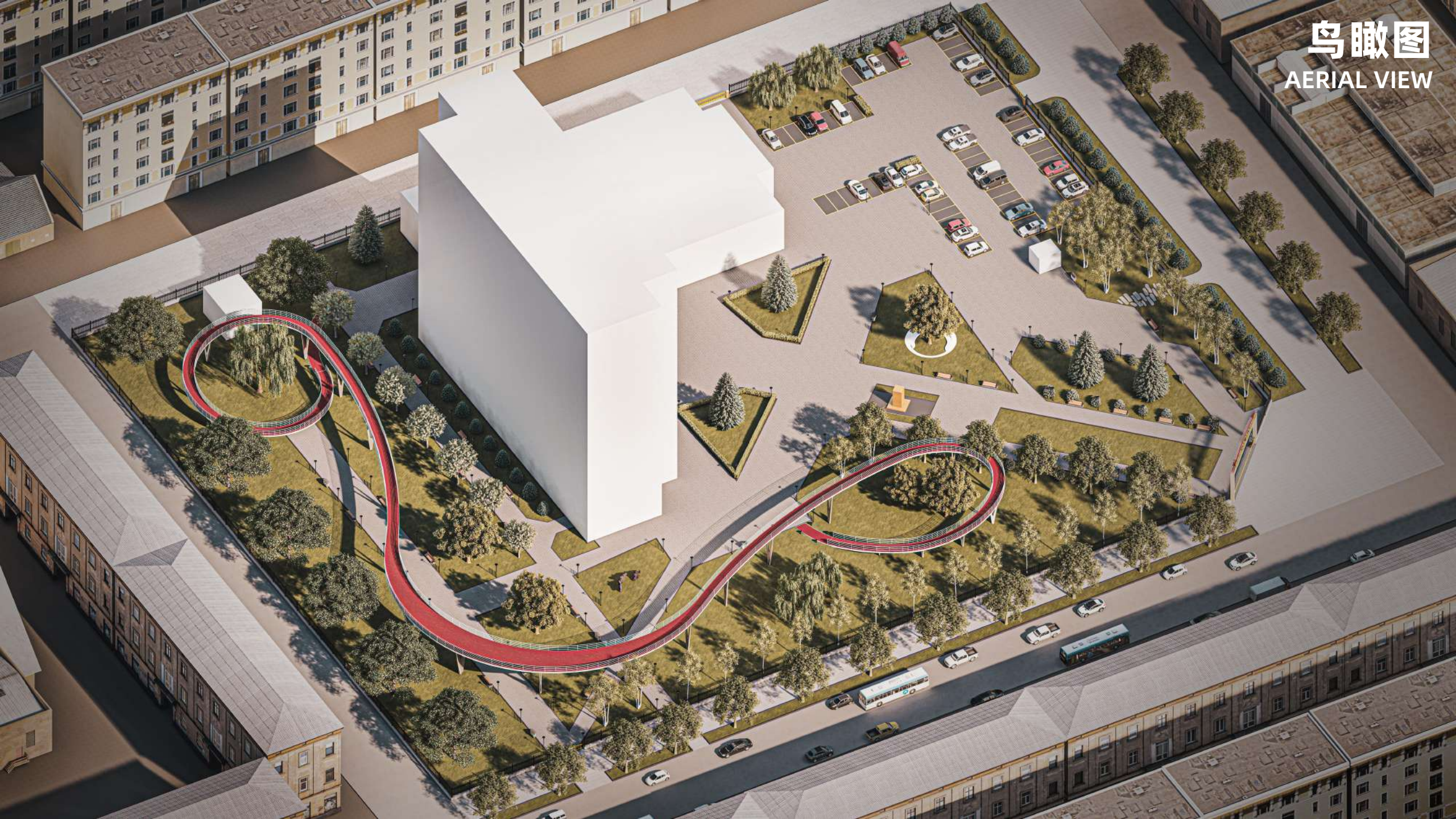
- ① 学校正门 / MAIN ENTRANCE OF THE SCHOOL
- ② 雕塑 / SCULPTURE
- ③ 树下围座 / GATHER AROUND THE TREE
- ④ 白桦园 / BETULA JAPONICA
- ⑤ 停车场 / CAR PARKS
- ⑥ 1号教学楼 / TEACHING BUILDING NO. 1
- ⑦ 2号教学楼 / TEACHING BUILDING NO. 2
- ⑧ 功夫雕塑 / KUNG FU SCULPTURE
- ⑨ 红丝绸栈道 / RED SILK TRAIL
- ▲ 入口 / ENTRANCE
- 设计红线 / DESIGN BOUNDARY



03

鸟瞰图

Rendering



04

效果图

Aerial view

Shakarim University











































05

植物配置

Plant configuration

植物配置 PLANT CONFIGURATION

图例： FIGURE LEGEND:

-  白桦 桦木科 桦木属
Betula platyphylla Sukaczev
-  旱柳 杨柳科 柳属
Salix matsudana Koidz.
-  云杉 松科 云杉属
Picea asperata Mast.
-  胡杨 杨柳科 杨属
Populus euphratica Oliv.
-  沙枣 胡颓子科 胡颓子属
Elaeagnus angustifolia L.
-  侧柏 柏科 侧柏属
Platycladus orientalis (L.) Franco
-  早熟禾 禾本科 早熟禾属
Poa annua L.
-  场地现有植物
Existing vegetation on the site



植物配置表
PLANT CONFIGURATION CHART

类型 Typology	编号 Serial number	树种 Tree species	拉丁名 Latin name	冠幅 (m) Crown width	胸径 (cm) Chest diameter	数量 Quantity	作用特性 Characteristics and Uses
乔木 arbor	1	白桦	Betula platyphylla Sukaczev	3-5m	8-15cm	28	特性：喜光照，耐短期干旱；抗寒性突出。 用途：树皮白色观赏性强，适合校园景观林或行道树。 Characteristics: Light-loving, short-term drought-resistant; outstanding cold resistance. Uses: White ornamental bark, suitable for campus landscape forests or street trees.
	2	旱柳	Salix matsudan a Koidz.	8-12m	30-50cm	5	特性：喜光、耐寒（-40℃）、耐旱，在湿润排水良好的沙壤土中生长最佳，也可适应轻度盐碱土（含盐量≤0.25%）。 用途：形成天然遮阴区，减少热辐射，调节校园温湿度，夏季可降低地表温度。 Characteristics: light-loving, cold-tolerant (-40℃), drought-resistant, grows best in moist well-drained sandy loam, also can adapt to mild saline soil (salt content ≤ 0.25%) . Uses: form a natural shade area, reduce heat radiation, regulate the temperature and humidity of the campus, and reduce the temperature of the ground surface in summer.
	3	云杉	Picea asperata Mast.	3-5m	cm	45	特性：耐寒性强（-30℃），适合哈萨克斯坦的寒冷冬季；对土壤要求不高，但需排水良好。 用途：可作为校园绿化或防风林，其高大树形（可达30米以上）能形成景观带。 Characteristics: Cold-tolerant (-30℃), suitable for cold winters in Kazakhstan; not demanding on soil, but needs good drainage. Uses: can be used as campus greening or windbreaks, its tall tree form (up to 30 metres or more) can form a landscape zone.
	4	胡杨	Populus euphratica Oliv.	8-10m	30-50cm	5	特性：极端耐旱、耐盐碱，根系可深入地下20米吸收水分17，能在荒漠、戈壁等恶劣环境中存活。 用途：根系发达能有效固定土壤，减少风蚀沙化。 Characteristics: Extremely drought-resistant, saline-resistant, the root system can penetrate 20 metres into the ground to absorb water17, and can survive in harsh environments such as deserts and the Gobi. Uses: Developed root system can effectively fix the soil and reduce wind erosion and sands.
	5	沙枣	Elaeagnus angustifolia L.	5-6m	15-30cm	7	特性：耐盐碱、贫瘠土壤，根系发达，适合半干旱地区 用途：生态修复，果实吸引鸟类，增强生态多样性。 Characteristics: tolerant of saline and infertile soils, well-developed root system, suitable for semi-arid areas Uses: ecological restoration, fruit attracts birds and enhances ecological diversity.
灌木 shrub	6	侧柏	Platycladus orientalis (L.) Franco	/	/	/	特性：常绿灌木，耐寒（-30℃），耐贫瘠土壤，枝叶密集且耐修剪。 用途：适合作为防风绿篱或校园边界屏障。 Characteristics: Evergreen shrub, hardy (-30℃), tolerant of poor soils, dense and pruning-resistant. Uses: Ideal as a windbreak hedge or campus boundary barrier.
地被 Ground cover	7	早熟禾	Poa annua L.	/	/	/	特性：冷季型草种，耐寒（-30℃），叶片细密，耐轻度践踏。 应用：适合校园道路两侧或活动区，需定期修剪保持平整。 Characteristics: Cool season grass, cold hardy (-30℃), fine blades, resistant to light trampling. Uses: Suitable for both sides of campus roads or activity areas, need to be mowed regularly to keep level.



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