



Informational Webinar

December 1, 2016

<https://global.gotomeeting.com/join/474411549>

The Organizing Committee of Solar Decathlon China 2017

Contents

- Landscaping
- Design Development Submissions
- Event Calendar
- House Transportation
- The Second Technical Training Workshop Updates

混凝土基础及市政管线 Concrete Foundation & Utility Pipelines

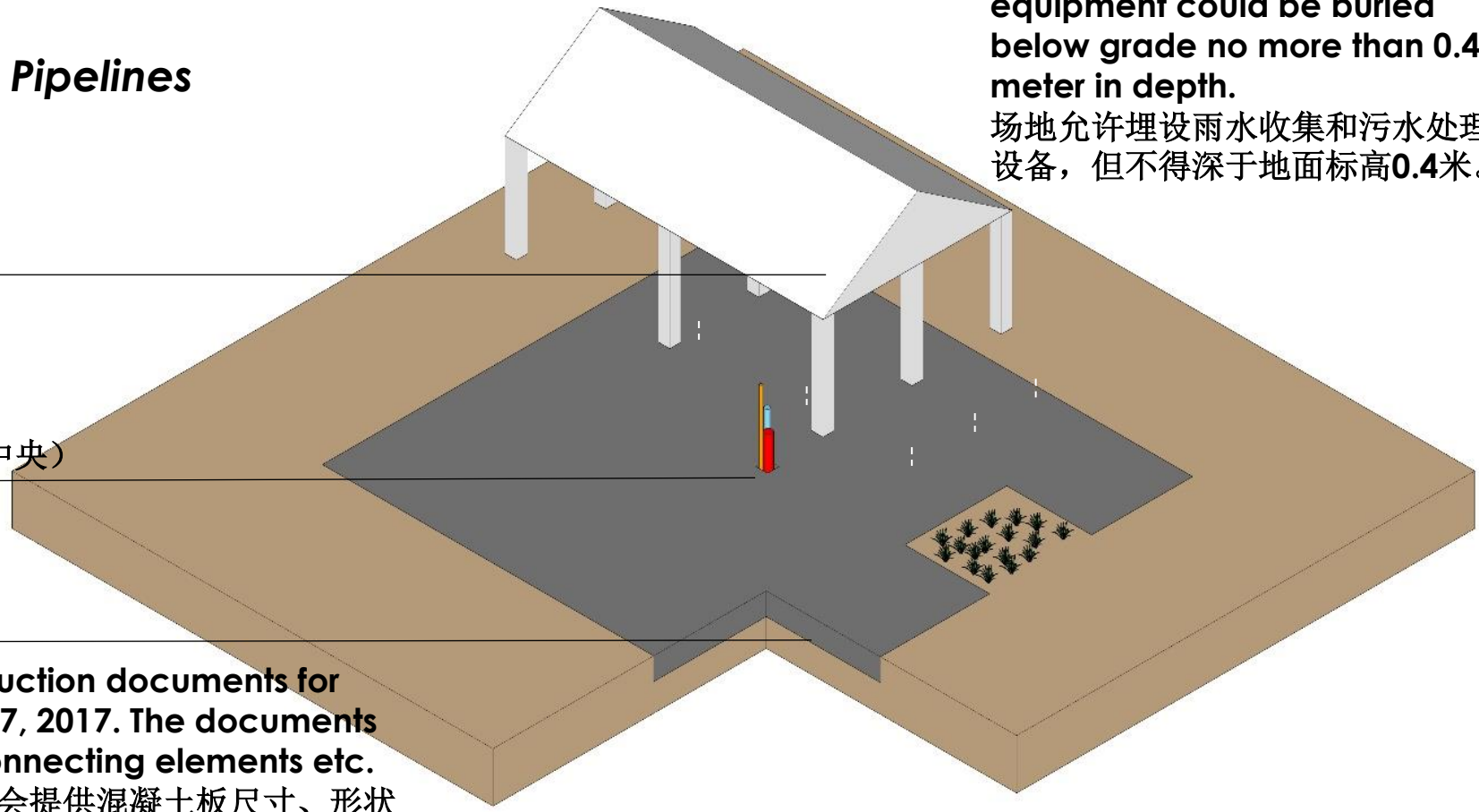
Your House
各参赛队伍方案

Utility
上下水管道/电气管道（预铺设场地中央）

Concrete Pad
混凝土基础板

Team will provide detailed construction documents for below grade foundation by Feb 17, 2017. The documents should include all embedding/connecting elements etc.
各赛队依照各自方案设计提前向组委会提供混凝土板尺寸、形状及位置，

Water storage/treatment equipment could be buried below grade no more than 0.4 meter in depth.
场地允许埋设雨水收集和污水处理设备，但不得深于地面标高**0.4米**。



赛场会统一建造混凝土基础以及地表以下设施。赛队在2017年2月17日提交地下基础施工图纸，包含各种设备，预埋件，和连接件等。

Local Vegetables and Plants

科/Family	蔬菜/Vegetables
藜科 Chenopodiaceae	甜菜、菠菜 sugar beet, spinach
葫芦科 Cucurbitaceae	黄瓜、西葫芦、西瓜、南瓜、冬瓜、丝瓜、苦瓜 cucumber, zucchini, watermelon, pumpkin, white gourd, towel gourd, bitter gourd
豆科 Leguminosae	紫花苜蓿、蚕豆、四季豆、豌豆、花生、大豆 alfalfa, broad bean, kidney bean, pea, peanut, soybean
十字花科 Cruciferae	西兰花、甘蓝、卷心菜、花椰菜、白萝卜、油菜、荠菜 broccoli, cabbage-L, cabbage, cauliflower, white radish, rape, shepherds purse
菊科 Compositae	茼蒿、茼蒿、生菜、向日葵、蒲公英 asparagus lettuce, crown daisy, lettuce, sunflower, dandelion
茄科 Solanaceae	茄子、辣椒、土豆、西红柿 eggplant, pepper, potato, tomato
伞形科 Umbeliferae	胡萝卜、芹菜、茴香、香菜 carrot, celery, fennel, coriander
百合科 Liliaceae	蒜、大葱、韭菜、洋葱 garlic, scallion, Chinese chives, onion
禾本科 Poaceae	玉米、小麦、高粱 corn, wheat, sorghum
其它 Others	莲藕、山药、芝麻、姜 lotus root, Chinese yam, sesame, ginger

- Local gardening contact:
王焕峰/Huanfeng Wang
德州春艺园林有限公司/Dezhou Chunyi Gardening Co., Ltd.
电话/Tel: +86 134-0688-7577
- Download the full list online:
<https://lucaslionline.github.io/service/pages/downloads.html>

名称	Scientific Name
法桐	Platanus orientalis
白蜡	Fraxinus chinensis Roxb.
国槐	Sophora japonica Linn.
栾树	Koelreuteria paniculata
合欢	Albizia julibrissin Durazz.
千头椿	Ailanthus altissima “Qiantou”
毛白杨	Populus tomentosa
黑松	Pinus thunbergii Parl.
大龙柏	Sabina chinensis cv. Kaizuca
蜀桧	Sabina komarovii (Florin) Cheng et W.T.Wang
高干金叶榆	Ulmus pumila cv. jinye
大叶女贞	Ligustrum lucidum Ait
西府海棠	Malus micromalus
红宝石海棠	Malus micromalus cv. “Ruby”
绿叶碧桃	Amygdalus persica L. var. persica f. duplex Rehd.
红叶碧桃	Amygdalus persica f. atropurpurea
红叶李	Prunus cerasifera Ehrhar f. atropurpurea (Jacq.) Rehd.
木槿	Hibiscus syriacus Linn.
美人梅	Prunus x blireana cv. Meiren
紫薇	Lagerstroemia indica
黄金槐	Sophora japonica cv. Golden Stem
丛生百日红	Lagerstroemia indica L.
金银木	Lonicera maackii (Rupr.) Maxim.
紫丁香	Syringa oblata Lindl.
连翘	Forsythia suspensa
黄刺玫	Rosa xanthine Lindl.
榆叶梅	Amygdalus triloba
紫荆	Cercis chinensis
大叶黄杨球	Buxus sinica
红叶石楠球	Photinia x fraseri
小叶女贞球	Ligustrum quihoui Carr.
蔷薇	Rose
秋葵	Abelmoschus esculentus
八宝景天	Sedum Spectabile
鸢尾	Iris tectorum Maxim
金娃娃萱草	Hemerocallis fulva “Golden Doll”
紫叶小檗	Berberis thunbergii var. atropurpurea Chenaul
金叶女贞	Ligustrum x vicaryi Hort (Hybrida Vicary Privet)
白三叶	Trifolium repens
细叶高羊茅	Festuca elata Keng ex E. Alexeev
剪股颖	Agrostis stolonifera

Design Development Submission Status

- 19 teams have submitted design development deliverables on time
- 2 teams planned to submit DD deliverables in the first week of December
- 1 team withdrew
- 1 team joined for Demonstration only
- Health & Safety Plan shall be submitted as a single PDF file
 - Due on 16 Dec 2016
 - Send to support@sdchina.org.cn
- Review process has started
 - Technical review
 - Compliance review

	Team	Drawings	Project Manual	Health & Safety Plan
1	Team BJTU	√	√	
2	Team HKU			
3	Team Israel	√	√	
4	Team Istanbul	√	√	
5	Team JIA+	√	√	√
6	Team Montreal	√	√	
7	Team NJFJ	√	√	
8	Team SCUT-POLITO	√	√	√
9	Team SEU-TUBS	√	√	√
10	Team Shunya			
11	Team SIE	√	√	
12	Team SJTUIUC	√	√	√
13	Team Solar Offspring	√	√	√
14	Team SSA	√	√	
15	Team SUES-XD	√	√	
16	Team THU	√	√	√
17	Team TJU-TUD	√	√	
18	Team UNNC Alpha	√	√	
19	Team XAUAT	√	√	√
20	Team Xi'an-Mass	√	√	
21	Team YI	√	√	
22	Team Purdue-Zephyr			

Due Dates for Future Deliverables

Due Date	Deliverable	Method
Monday December 12, 2016	Scale Model Description	Submit via email
Friday, December 16, 2016	Health and Safety Plan	Submit via email
Friday, December 30, 2016	Scale Model	Mail to Dezhou
Friday, February 17, 2016	Construction Documents (Foundation)	Submit online
Friday, March 24, 2017	Construction Documents Cost Evaluation	Submit online
Wednesday, May 31, 2017	Final Drawings, Project Manual, and Dinner Menu	Submit online
Friday, June 30, 2017	Construction Materials	Ship/transport to Dezhou

<https://lucaslionline.github.io/service/updates/2016/09/14/deliverables-due-date.html>

Overview Event Calendar

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
DAY 1 - JUL 10	DAY 2 - JUL 11	DAY 3 - JUL 12	DAY 4 - JUL 13	DAY 5 - JUL 14	DAY 6 - JUL 15	DAY 7 - JUL 16
REGISTRATION (12:00 - 20:00)	ALL TEAM MEETING (14:00 - 16:00)	STAND-ALONE ASSEMBLY (Begins at 7:00)	STAND-ALONE ASSEMBLY (7:00 - 24:00)	STAND-ALONE ASSEMBLY (7:00 - 24:00)	STAND-ALONE ASSEMBLY (7:00 - 24:00)	STAND-ALONE ASSEMBLY (7:00 - 24:00)
DAY 8 - JUL 17	DAY 9 - JUL 18	DAY 10 - JUL 19	DAY 11 - JUL 20	DAY 12 - JUL 21	DAY 13 - JUL 22	DAY 14 - JUL 23
STAND-ALONE or GRID-TIE ASSEMBLY (Grid available at 12:00)	STAND-ALONE or GRID-TIE ASSEMBLY (7:00 - 24:00)	STAND-ALONE or GRID-TIE ASSEMBLY (7:00 - 24:00)	STAND-ALONE or GRID-TIE ASSEMBLY (7:00 - 24:00)	STAND-ALONE or GRID-TIE ASSEMBLY (7:00 - 24:00)	STAND-ALONE or GRID-TIE ASSEMBLY (7:00 - 24:00)	STAND-ALONE or GRID-TIE ASSEMBLY (7:00 - 24:00)
DAY 15 - JUL 24	DAY 16 - JUL 25	DAY 17 - JUL 26	DAY 18 - JUL 27	DAY 19 - JUL 28	DAY 20 - JUL 29	DAY 21 - JUL 30
STAND-ALONE or GRID-TIE ASSEMBLY (7:00 - 24:00)	STAND-ALONE or GRID-TIE ASSEMBLY (7:00 - 24:00)	STAND-ALONE or GRID-TIE ASSEMBLY (7:00 - 24:00)	STAND-ALONE or GRID-TIE ASSEMBLY (7:00 - 24:00)	STAND-ALONE or GRID-TIE ASSEMBLY (7:00 - 24:00)	GRID-TIE ASSEMBLY (7:00 - 24:00)	GRID-TIE ASSEMBLY (7:00 - 24:00)
DAY 22 - JUL 31	DAY 23 - AUG 1	DAY 24 - AUG 2	DAY 25 - AUG 3	DAY 26 - AUG 4	DAY 27 - AUG 5	DAY 28 - AUG 6
GRID-TIE ASSEMBLY (7:00 - 24:00)	FINAL INSPECTION (12:00 - 18:00)	REST DAY	OPENING CEREMONY (8:00 - 10:00)	CONTESTS (24 hours)	CONTESTS (24 hours)	CONTESTS (24 hours)
DAY 29 - AUG 7	DAY 30 - AUG 8	DAY 31 - AUG 9	DAY 32 - AUG 10	DAY 33 - AUG 11	DAY 34 - AUG 12	DAY 35 - AUG 13
CONTESTS (24 hours)	CONTESTS (24 hours)	CONTESTS (24 hours)	CONTESTS (24 hours)	CONTESTS (24 hours)	CONTESTS (24 hours)	CONTESTS (24 hours)
		JURY WALKTHROUGHS (7:30 - 12:30, 20:00 - 22:00)	JURY WALKTHROUGHS (7:30 - 12:30, 20:00 - 22:00)	JURY WALKTHROUGHS (7:30 - 12:30, 20:00 - 22:00)		
DAY 36 - AUG 14	DAY 37 - AUG 15	DAY 38 - AUG 16	DAY 39 - AUG 17	DAY 40 - AUG 18	DAY 41 - AUG 19	DAY 42 - AUG 20
CONTESTS (24 hours)	CONTESTS (24 hours)	CONTESTS (24 hours)	CONTESTS (24 hours)	ARCHITECTURE RESULT (8:00 - 11:00)	SITE CLEANUP (7:00 - 24:00)	FINAL INSPECTION (8:00 - 16:00)
INNOVATION RESULT (10:00 - 11:00)	COMMUNICATION RESULT (10:00 - 11:00)	MARKET APPEAL RESULT (10:00 - 11:00)	ENGINEERING RESULT (10:00 - 11:00)	FINAL AWARD CEREMONY (8:00 - 11:00)		

Task Calendar

- Total number of each task:
 - 7-3 Clothes Washer: 8
 - 7-4 Clothes Dryer: 8
 - 7-5 Dishwasher: 5
 - 7-6 Cooking: 5
 - 8-1 Lighting: 15
 - 8-2 Hot Water: 16
 - 8-3 Home Electronics: 8
 - 8-4 Dinner Party: 2
 - 8-5 Movie Night: 1
 - 9 Commuting: 4

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY DAY 25 - AUG 3	FRIDAY DAY 26 - AUG 4	SATURDAY DAY 27 - AUG 5	SUNDAY DAY 28 - AUG 6
				OPENING CEREMONY			
6.1				Temperature	Temperature	Temperature	Temperature
6.2				Humidity	Humidity	Humidity	Humidity
6.3				CO2 Level	CO2 Level	CO2 Level	CO2 Level
6.4				PM2.5 Level	PM2.5 Level	PM2.5 Level	PM2.5 Level
7.1				Refrigerator	Refrigerator	Refrigerator	Refrigerator
7.2				Freezer	Freezer	Freezer	Freezer
7.3				Clothes Washer	Clothes Washer		
7.4				Clothes Dryer	Clothes Dryer		
7.5					Dishwasher		
7.6					Cooking		
8.1				Lighting	Lighting	Lighting	Lighting
8.2				Hot Water	Hot Water		
8.3				Home Electronics	Home Electronics		
8.4				Dinner Party			
8.5							
9					Commuting		
10.1				Energy Balance	Energy Balance	Energy Balance	Energy Balance
10.2				Generating Capacity	Generating Capacity	Generating Capacity	Generating Capacity
	DAY 29 - AUG 7	DAY 30 - AUG 8	DAY 31 - AUG 9	DAY 32 - AUG 10	DAY 33 - AUG 11	DAY 34 - AUG 12	DAY 35 - AUG 13
			JURY WALKTHROUGHS	JURY WALKTHROUGHS	JURY WALKTHROUGHS		
6.1	Temperature	Temperature	Temperature	Temperature	Temperature	Temperature	Temperature
6.2	Humidity	Humidity	Humidity	Humidity	Humidity	Humidity	Humidity
6.3	CO2 Level	CO2 Level	CO2 Level	CO2 Level	CO2 Level	CO2 Level	CO2 Level
6.4	PM2.5 Level	PM2.5 Level	PM2.5 Level	PM2.5 Level	PM2.5 Level	PM2.5 Level	PM2.5 Level
7.1	Refrigerator	Refrigerator	Refrigerator	Refrigerator	Refrigerator	Refrigerator	Refrigerator
7.2	Freezer	Freezer	Freezer	Freezer	Freezer	Freezer	Freezer
7.3	Clothes Washer		Clothes Washer		Clothes Washer		
7.4	Clothes Dryer		Clothes Dryer		Clothes Dryer		
7.5			Dishwasher		Dishwasher		
7.6			Cooking		Cooking		
8.1	Lighting	Lighting	Lighting	Lighting	Lighting	Lighting	Lighting
8.2	Hot Water		Hot Water		Hot Water		
8.3	Home Electronics		Home Electronics		Home Electronics		
8.4							
8.5	Movie Night						
9	Commuting		Commuting		Commuting		
10.1	Energy Balance	Energy Balance	Energy Balance	Energy Balance	Energy Balance	Energy Balance	Energy Balance
10.2	Generating Capacity	Generating Capacity	Generating Capacity	Generating Capacity	Generating Capacity	Generating Capacity	Generating Capacity
	DAY 36 - AUG 14	DAY 37 - AUG 15	DAY 38 - AUG 16	DAY 39 - AUG 17	DAY 40 - AUG 18	DAY 41 - AUG 19	DAY 42 - AUG 20
	INNOVATION RESULT	COMMUNICATION RESULT	MARKET APPEAL RESULT	ENGINEERING RESULT	ARCHITECTURE RESULT		
6.1	Temperature	Temperature	Temperature	Temperature	FINAL AWARD CEREMONY		
6.2	Humidity	Humidity	Humidity	Humidity			
6.3	CO2 Level	CO2 Level	CO2 Level	CO2 Level			
6.4	PM2.5 Level	PM2.5 Level	PM2.5 Level	PM2.5 Level			
7.1	Refrigerator	Refrigerator	Refrigerator	Refrigerator			
7.2	Freezer	Freezer	Freezer	Freezer			
7.3	Clothes Washer	Clothes Washer		Clothes Washer			
7.4	Clothes Dryer	Clothes Dryer		Clothes Dryer			
7.5		Dishwasher		Dishwasher			
7.6		Cooking		Cooking			
8.1	Lighting	Lighting	Lighting	Lighting			
8.2	Hot Water	Hot Water		Hot Water			
8.3	Home Electronics	Home Electronics		Home Electronics			
8.4	Dinner Party						
8.5							
9	Commuting	Commuting		Commuting			
10.1	Energy Balance	Energy Balance	Energy Balance	Energy Balance			
10.2	Generating Capacity	Generating Capacity	Generating Capacity	Generating Capacity			

Detailed Event Schedule

Impound period
 Task Period
 Event/Activity
 Public exhibit hours
 Juried contest results
 Tasks requiring observer
 Food preparation & cooking
 Jury work

Monday (Day 1)

Monday (Day 1)		0:00	0:30	1:00	1:30	2:00	2:30	3:00	3:30	4:00	4:30	5:00	5:30	6:00	6:30	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00	19:30	20:00	20:30	21:00	21:30	22:00	22:30
	On-site registration																																														
	Vehicle staging																																														

*Time shown is associated with the vertical line to the left of the cell

Tuesday (Day 2)

Tuesday (Day 2)		0:00	0:30	1:00	1:30	2:00	2:30	3:00	3:30	4:00	4:30	5:00	5:30	6:00	6:30	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00	19:30	20:00	20:30	21:00	21:30	22:00	22:30	
	On-site registration																																															
	Kickoff team/organizer meeting																																															
	Teams provide competition manager with house keys																																															
	Pre-assembly vehicle staging																																															

Wednesday (Day 3)

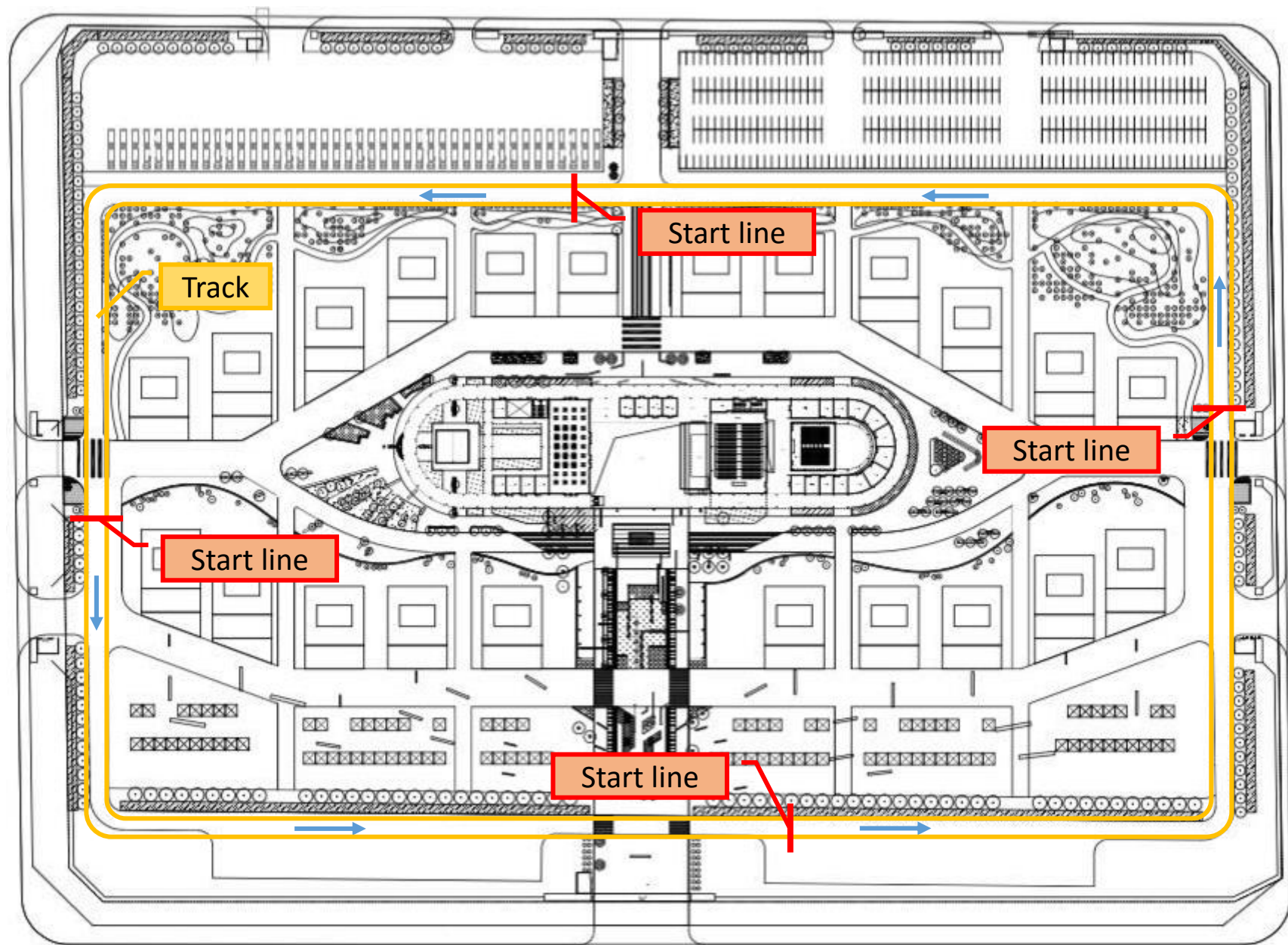
Wednesday (Day 3)		0:00	0:30	1:00	1:30	2:00	2:30	3:00	3:30	4:00	4:30	5:00	5:30	6:00	6:30	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00	19:30	20:00	20:30	21:00	21:30	22:00
	Stand-alone house assembly																																													
	Inspections																																													
	Subcontest 6-1, 6-2, 6-3, 6-4, 7-1, 7-2, 10-1, and 10-2 sensors and datalogger installation																																													
	Microgrid, network, and village infrastructure installation																																													
	Team/organizer meeting																																													

Monday (Day 4) - Sunday (Day 7)

Monday (Day 4) - Sunday (Day 7)															0:00	0:30	1:00	1:30	2:00	2:30	3:00	3:30	4:00	4:30	5:00	5:30	6:00	6:30	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00	19:30	20:00	20:30	21:00	21:30	22:00		
Stand-alone house assembly																																																													
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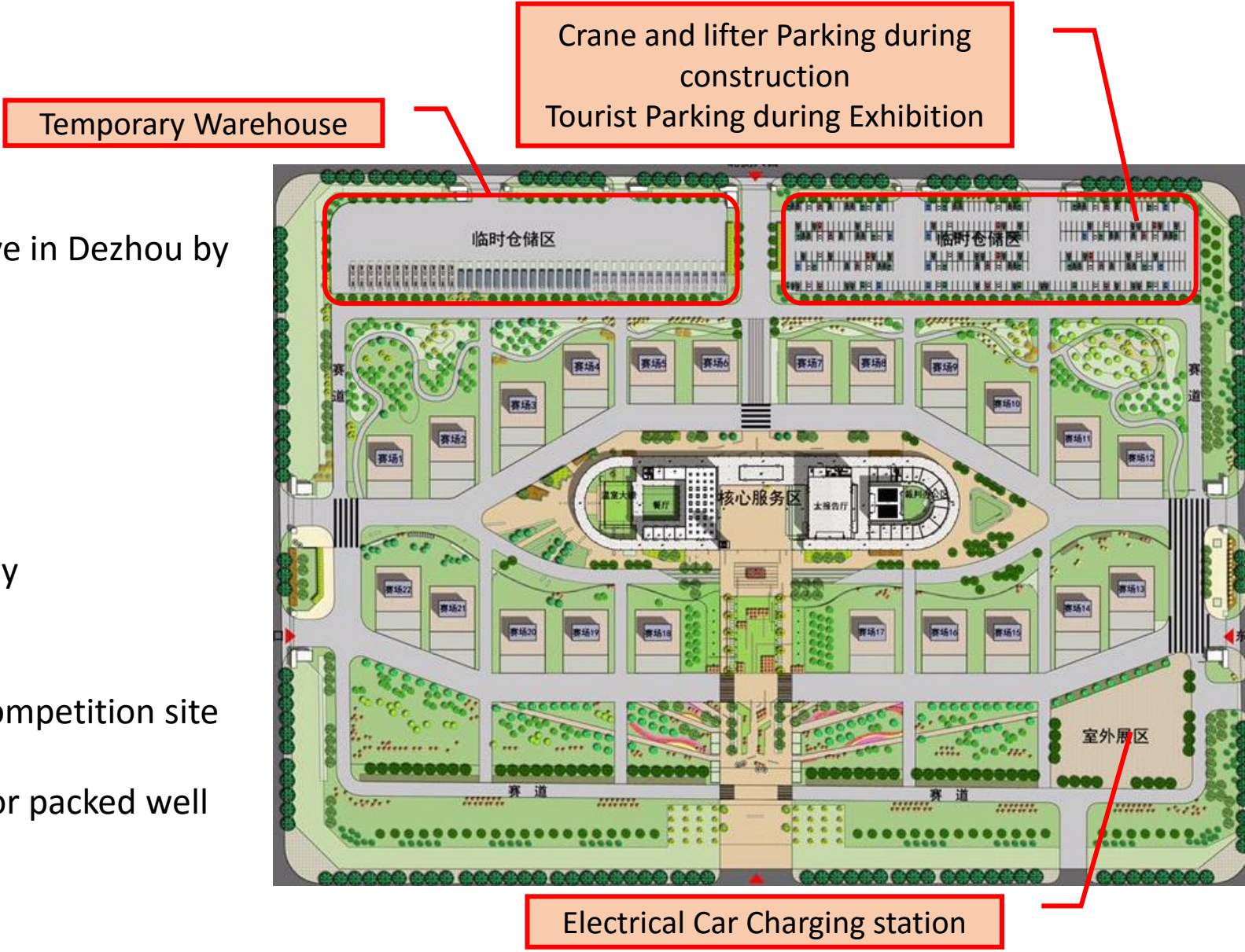
Contest 9 Commuting

- Driving track
 - Drive 15 laps in 1 hour each time
 - Drive 4 times in total for each team
- Four start lines
 - 1 or 2 vehicles at each start line
 - Drive anti-clockwise
- Commuting Schedule
 - 7:00 – 8:00, 16:30 – 17:30



House Transportation

- Time of Arrival
All materials for house assembly shall arrive in Dezhou by **June 30, 2017**.
- Check and Acceptance
Please provide the following information:
 - a. Date of delivery
 - b. List of goods
 - c. Contact person of the logistics company
- Storage on Site
 - There will be an opening area on the competition site for storing teams' building materials.
 - All goods should be kept in containers or packed well in case of the sunshine, wind, or rain.



Domestic transportation

Land Transportation:	Faster	More expensive	Less loading and unloading process
Water Transportation:	Slower	Cheaper	More loading and unloading process

Load standard of Vehicles				
车辆型号	车辆外围尺寸 (长*宽*高)	净空	重量	车方数
4.2米 箱车	4.2*1.8*1.8	12方	2吨	14
5.2米 高栏	5.2*1.9*2.0	18方	3.5吨	20
6.8米 箱车	6.8*2.1*2.3	30方	5吨	33
7.6米 箱车	7.6*2.1*2.3	37方	7吨	37
9.6米 箱车	9.6*2.3*2.5	50方	15吨	55
13米 箱车	13*2.3*2.4	70方	25吨	72
13米 高栏	13*2.3*2.4	70方	35吨	72
16.5米 箱车	16.5*2.5*2.7	105方	30吨	111
17.5米 箱车	17.5*2.5*2.7	120方	30吨	118

International transportation

- Ocean shipping to Tianjin Port or Qingdao Port
- Transportation support for international teams:
 - Deposits to the Chinese Customs will be paid by Dezhou
 - Teams can apply for customs declaration to Dezhou Customs, including the Out Of Box Audit (OOBA)
 - Local custom brokers will be recommended to teams later

Schedule of the Second Technical Training Workshop

The Second Technical Training Workshop was rescheduled to **January 13 to 15, 2017** at Dezhou Administration Institute.

Date	Time	Content
13 Jan 2017	08:00 ~ 17:00	Registration and check-in
	19:00 ~ 21:00	SDC Talk I
14 Jan 2017	08:30 ~ 11:30	Plenary meeting <ul style="list-style-type: none"> • Site Operation and Construction • Finals arrangement (Reception, Custom, Security etc.) • Scoring system and Competition • Grid connection
	13:00 ~ 15:00	
	15:30 ~ 17:30	Site survey
	19:00 ~ 21:00	SDC Talk II
15 Jan 2017	08:30 ~ 12:00	Scale model demonstration
		Launching ceremony of SDC 2017 mascot collection
	14:00	Go back to Beijing by shuttle or leave directly from Dezhou

Q & A