



---

## Parking Study

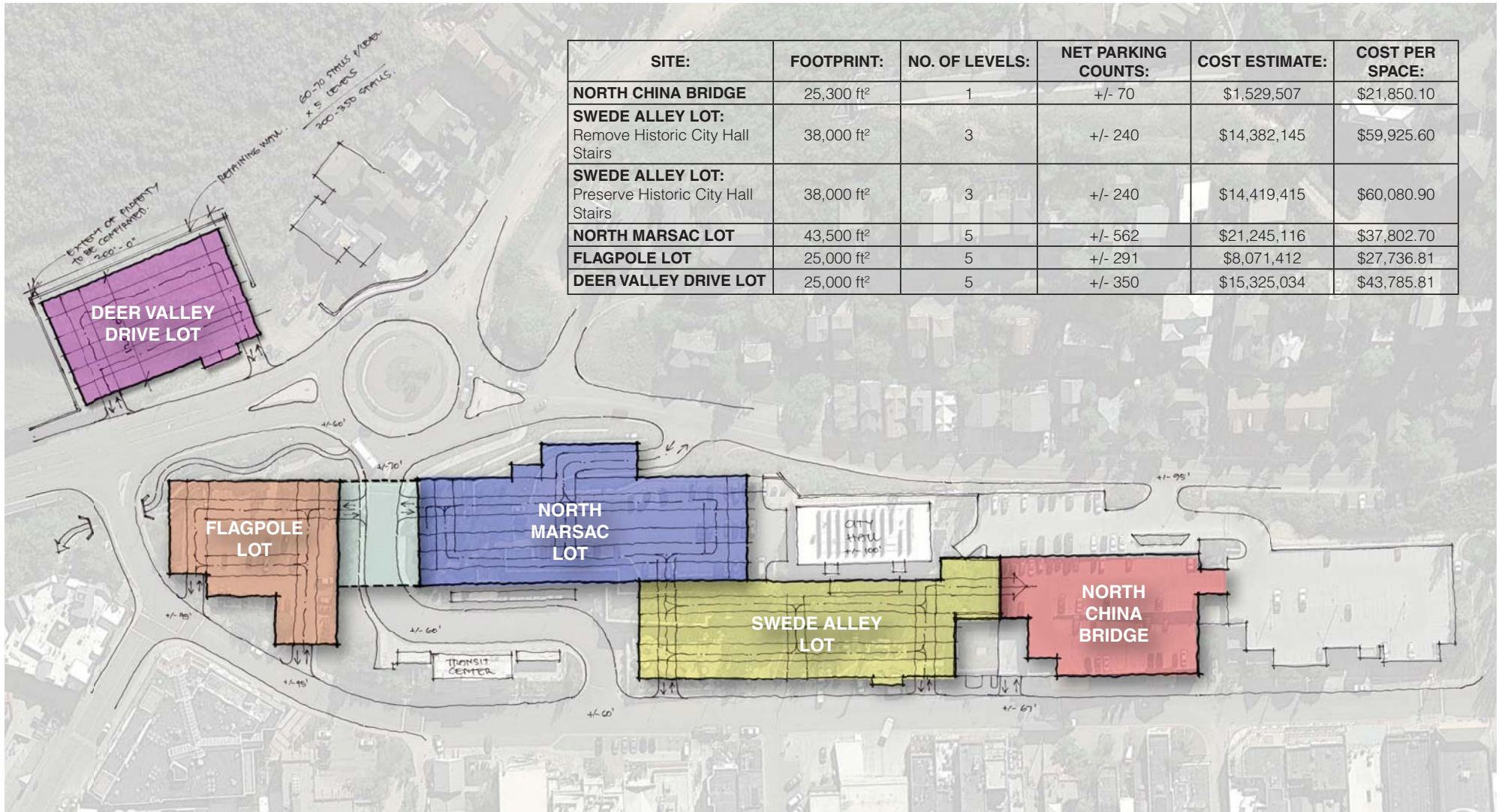
24 November 2014

---

### INTRODUCTION:

**Park City** contracted with **FFKR** to evaluate City land in the Swede Alley area. This effort consisted of analysis of site and building layout options, massing models within the current zoning regulations, and generating estimated construction costs for each option relative to the current fee-in-lieu parking mitigation. This study is not a demand\ capacity analysis which would require much more staff and consulting resource. This study provides a solid foundation for understanding parking space construction costs to be utilized in the fee-in-lieu review. Staff plans on providing the HPCA the opportunity to request, and the Council to provide direction, on whether additional research, as an element of the fee-in-lieu study, is required.





OVERALL PLAN and SUMMARY

**PARK CITY**  
Parking Study

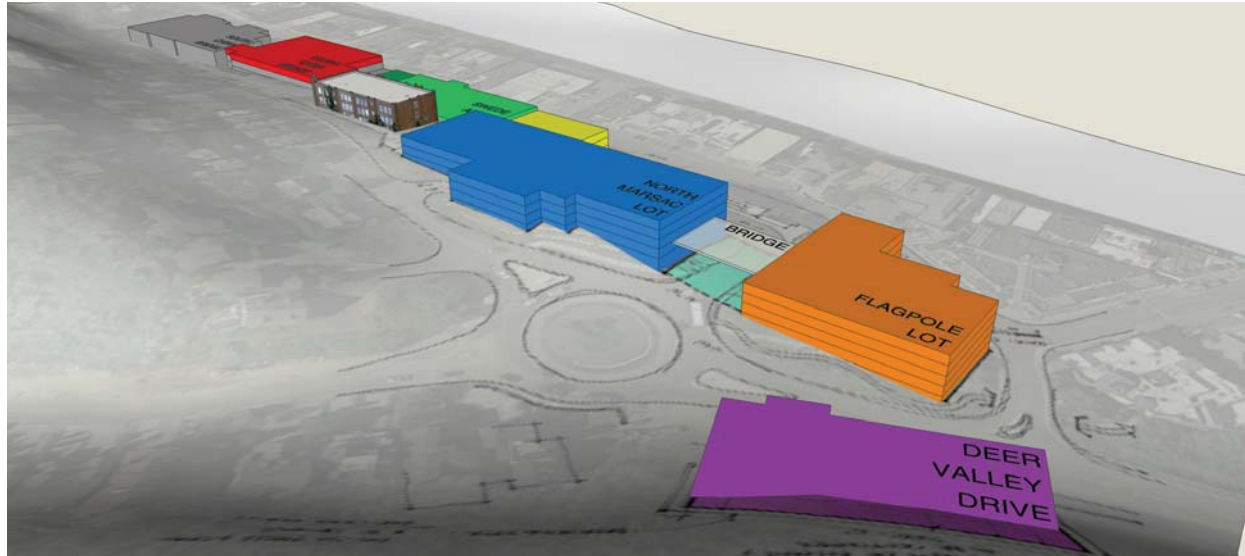




Key



Key



PROJECT ESTIMATE		CONSTRUCTION CONTROL CORPORATION					11/21/2014
PROJECT NAME.....PARK CITY PARKING STUDY							
LOCATION.....PARK CITY, UT							
ARCHITECT.....FFKR							
STAGE OF DESIGN..... FEASIBILITY							
CSI #	DESCRIPTION	NORTH CHINA BRIDGE	SWEDE ALLEY LOT - REMOVE STAIRS	SWEDE ALLEY LOT - PRESERVE STAIRS	NORTH MARSAC LOT	FLAGPOLE LOT	DEER VALLEY DRIVE LOT
<b>BUILDING COST ESTIMATE SUMMARY</b>							
2	SITE WORK	\$ 10,000	\$ 5,027,381	\$ 4,907,381	\$ 5,659,854	\$ 1,034,638	\$ 6,862,798
3	CONCRETE	\$ 726,598	\$ 4,158,800	\$ 4,307,917	\$ 6,879,113	\$ 3,421,299	\$ 3,259,931
5	METALS	\$ 47,905	\$ 221,245	\$ 221,245	\$ 271,450	\$ 173,460	\$ 173,460
6	WOODS & PLASTICS	\$ 40,000	\$ 29,250	\$ 29,250	\$ 39,000	\$ 29,250	\$ 29,250
7	THERMAL & MOISTURE PROTECTION	\$ 10,000	\$ 291,178	\$ 291,178	\$ 20,970	\$ 4,478	\$ 4,478
9	FINISHES	\$ 123,654	\$ 557,175	\$ 557,175	\$ 1,063,031	\$ 610,938	\$ 610,938
10	SPECIALTIES	\$ 2,500	\$ 7,500	\$ 7,500	\$ 11,000	\$ 7,500	\$ 7,500
14	CONVEYING EQUIPMENT	\$ 27,500	\$ 120,000	\$ 120,000	\$ 137,500	\$ 137,500	\$ 137,500
15	PLUMBING	\$ 90,856	\$ 424,522	\$ 424,522	\$ 1,754,579	\$ 449,329	\$ 449,329
16	ELECTRICAL	\$ 88,550	\$ 399,000	\$ 399,000	\$ 761,250	\$ 437,500	\$ 437,500
<b>SUBTOTAL</b>		\$ 1,167,563	\$ 11,236,051	\$ 11,265,168	\$ 16,597,747	\$ 6,305,791	\$ 11,972,683
GENERAL CONDITIONS		\$ 116,756	\$ 898,884	\$ 901,213	\$ 1,327,820	\$ 504,463	\$ 957,815
OVERHEAD & PROFIT		\$ 70,054	\$ 561,803	\$ 563,258	\$ 829,887	\$ 315,290	\$ 598,634
DESIGN CONTINGENCY		\$ 175,134	\$ 1,685,408	\$ 1,689,775	\$ 2,489,662	\$ 945,869	\$ 1,795,902
<b>TOTAL CONSTRUCTION COST</b>		\$ 1,529,507	\$ 14,382,145	\$ 14,419,415	\$ 21,245,116	\$ 8,071,412	\$ 15,325,034



## NORTH CHINA BRIDGE:

### Footprint:

- » 25,300 ft<sup>2</sup>

### Pros:

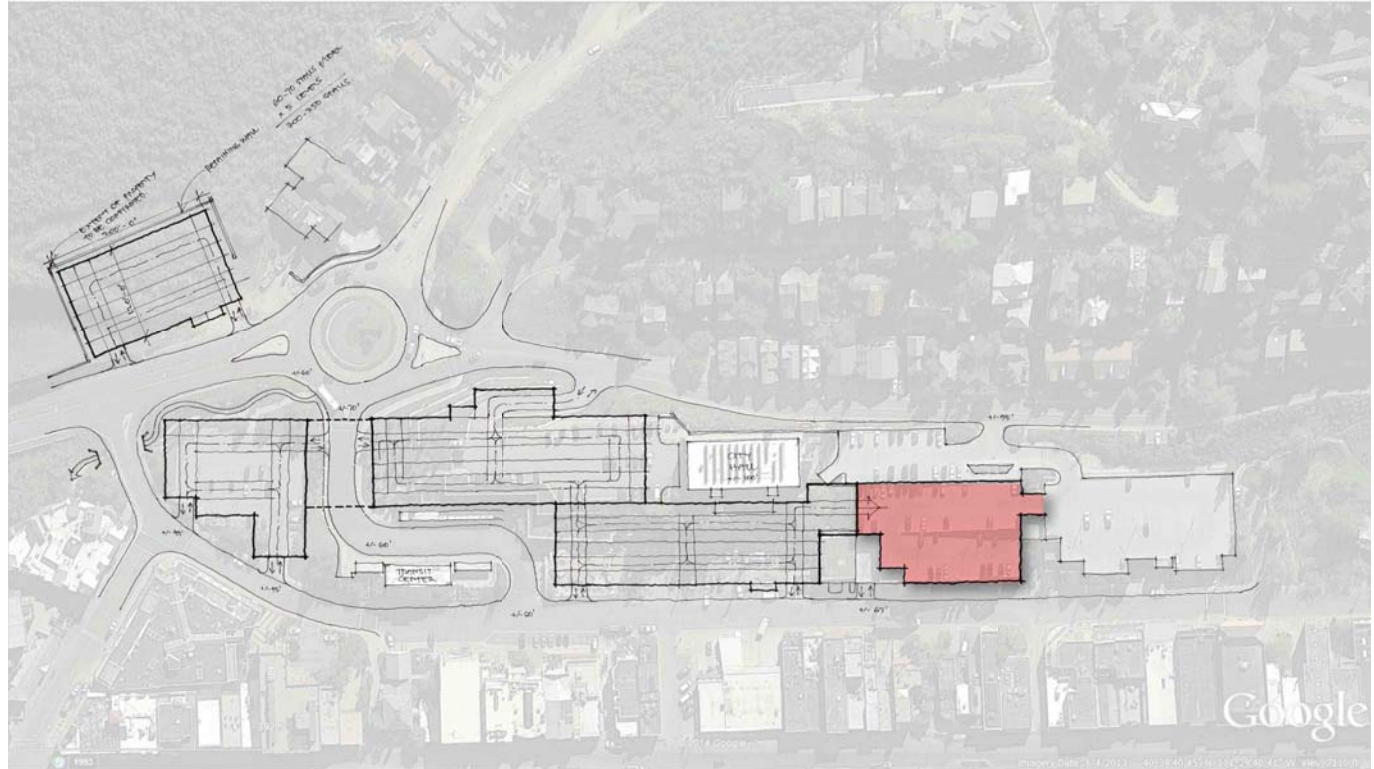
- » Central adjacency to City Hall and other uses
- » Existing structure designed for future level addition
- » No additional land developed as parking

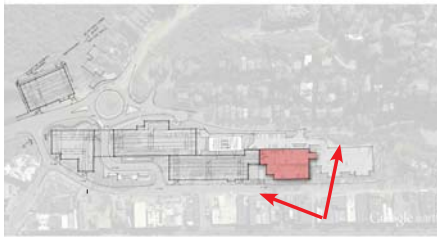
### Cons:

- » Only one additional level of parking
- » Dead end situation on the top level
- » Peak of extended roof exceeds the 45' maximum height limit
- » Visual impact on existing Marsac Avenue residences

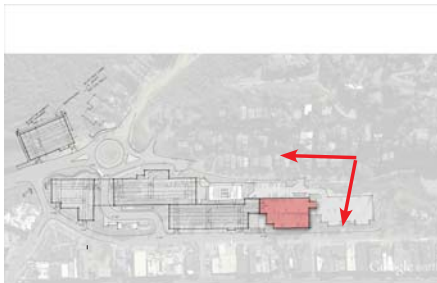
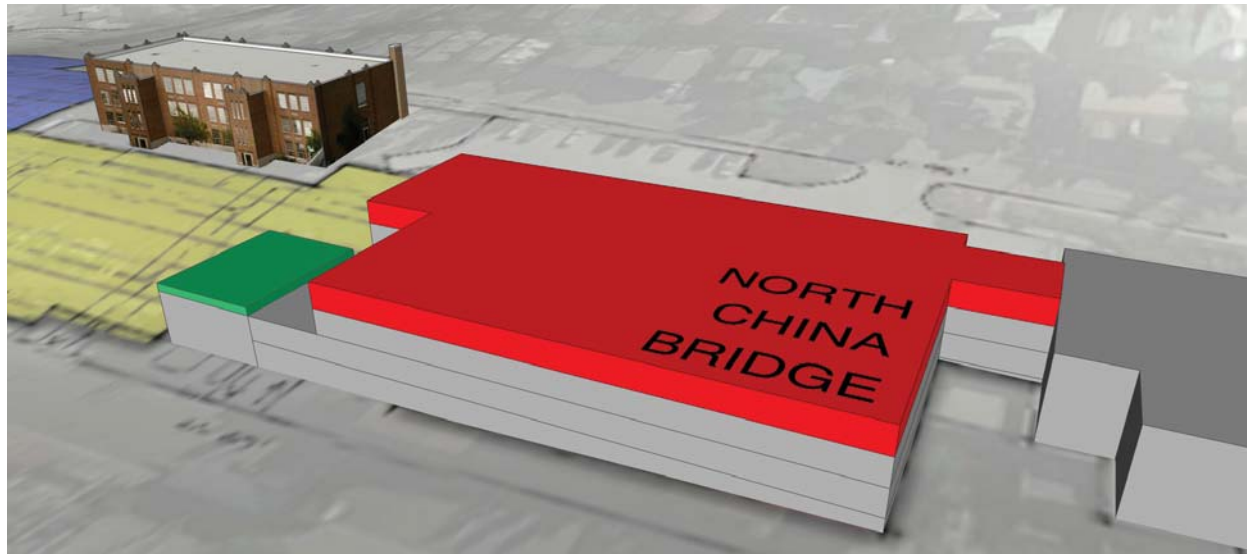
### Stall Count:

- » 1 Level
- » +/-70 Spaces p/Level
- » Total: +/-70 Spaces





Key



Key

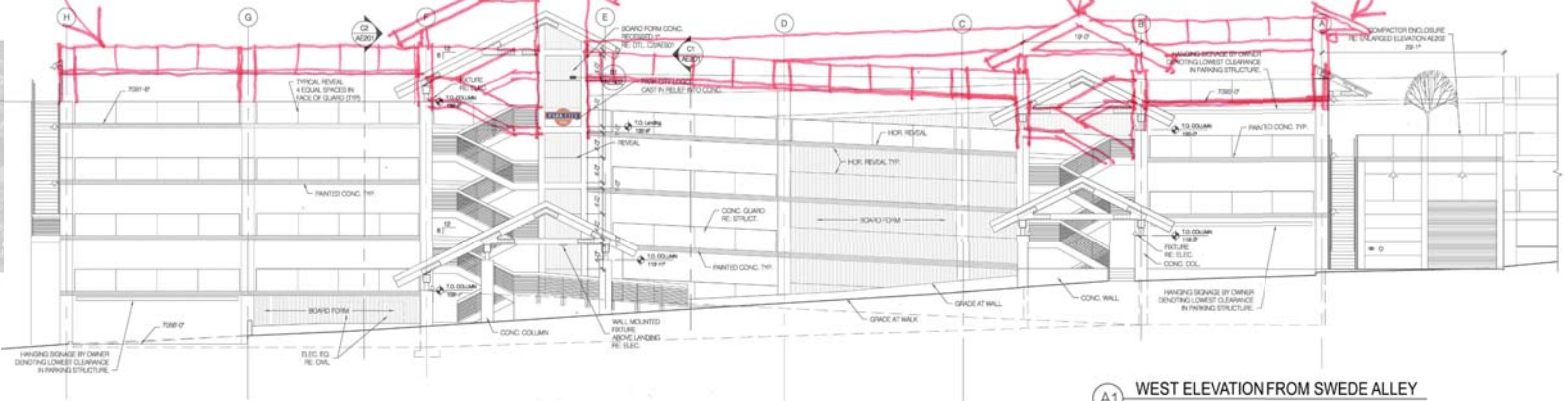


RAILING and ROOF FEATURE EXCEED 45' MAX. HEIGHT LIMIT.

UPPER ROOF FEATURES RAISED 1 LEVEL.

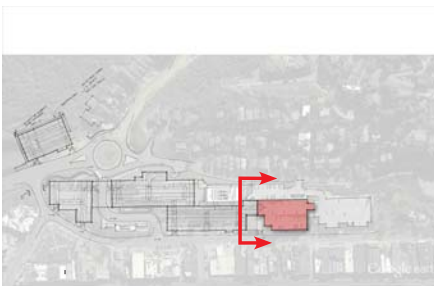


Key

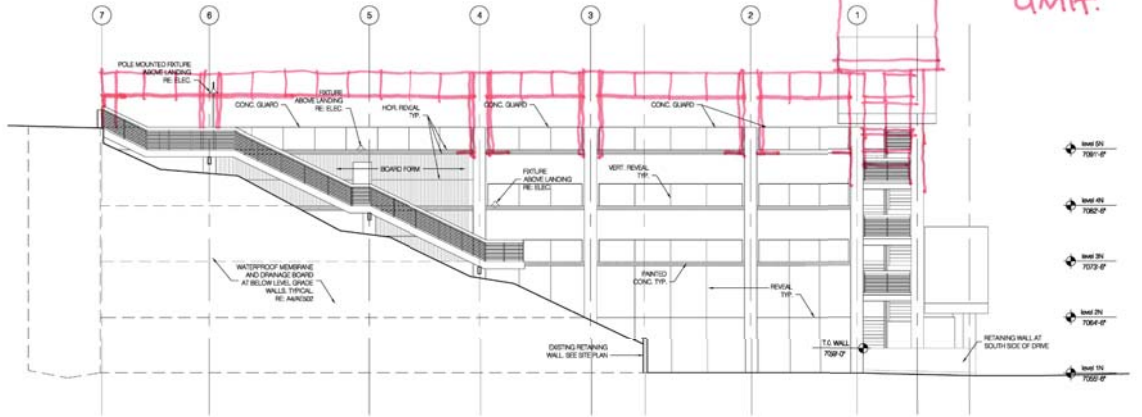


A1 WEST ELEVATION FROM SWEDE ALLEY

TOP OF ROOF EXCEEDS 45' MAX. HEIGHT LIMIT.



Key



C2 NORTH ELEVATION

PROJECT ESTIMATE		CONSTRUCTION CONTROL CORPORATION		11/21/2014	
PROJECT NAME.....PARK CITY PARKING STUDY		NORTH CHINA BRIDGE			
LOCATION.....PARK CITY, UT					
ARCHITECT.....FFKR		25,300 SF			
STAGE OF DESIGN.....FEASIBILITY					
CSI #	DESCRIPTION	UNIT QTY	UNIT COST	TOTAL	
<b>BUILDING COST ESTIMATE</b>					
2	SITE WORK		\$ 0.40	\$	10,000
3	CONCRETE		\$ 28.72	\$	726,598
5	METALS		\$ 1.89	\$	47,905
6	WOODS & PLASTICS		\$ 1.58	\$	40,000
7	THERMAL & MOISTURE PROTECTION		\$ 0.40	\$	10,000
9	FINISHES		\$ 4.89	\$	123,654
10	SPECIALTIES		\$ 0.10	\$	2,500
14	CONVEYING SYSTEMS		\$ 1.09	\$	27,500
15	MECHANICAL		\$ 3.59	\$	90,856
16	ELECTRICAL		\$ 3.50	\$	88,550
<b>SUBTOTAL</b>			<b>\$ 46.15</b>	<b>\$</b>	<b>1,167,563</b>
GENERAL CONDITIONS		10%	\$ 4.61	\$	116,756
OVERHEAD & PROFIT		6%	\$ 2.77	\$	70,054
DESIGN CONTINGENCY		15%	\$ 6.92	\$	175,134
<b>TOTAL CONSTRUCTION COST</b>			<b>\$ 60.45</b>	<b>\$</b>	<b>1,529,507</b>

PROJECT ESTIMATE		CONSTRUCTION CONTROL CORPORATION		11/21/2014	
PROJECT NAME.....PARK CITY PARKING STUDY		NORTH CHINA BRIDGE			
LOCATION.....PARK CITY, UT					
ARCHITECT.....FFKR		25,300 SF			
STAGE OF DESIGN.....FEASIBILITY					
CSI #	DESCRIPTION	UNIT QTY	UNIT COST	TOTAL	
2	<b>SITE WORK</b>				
	Demolition				
	Remove & Reset Light Poles	1 LS	\$ 10,000.00	\$	10,000
	<b>Subtotal for Demolition</b>			\$	<b>10,000</b>
	Excavation				
	<b>Subtotal for Excavation</b>			\$	<b>-</b>
	Utilities				
	<b>Subtotal for Utilities</b>			\$	<b>-</b>
	<b>TOTAL SITE WORK</b>			\$	<b>10,000</b>
3	<b>CONCRETE</b>				
	Column	75 CY	\$ 626.75	\$	47,006
	Shear Wall	3000 SF	\$ 41.03	\$	123,096
	Cast-in-Place Boundary Wall	3800 SF	\$ 28.63	\$	101,194
	PT Slab	703 CY	\$ 603.75	\$	424,332
	Bollards	1 Allow	\$ 1,000.00	\$	1,000
	Epoxy/Connections to Existing	1 LS	\$ 25,000.00	\$	25,000
	SWPPP	1 LS	\$ 5,000.00	\$	5,000
	<b>TOTAL CONCRETE</b>			\$	<b>726,598</b>
5	<b>METALS</b>				
	Metal Pan Stairs	300 SF	\$ 68.30	\$	20,490
	Galvanized Freestanding Railing	80 LF	\$ 170.50	\$	13,640
	Barrier Cable at Ramps	145 LF	\$ 95.00	\$	13,775
	<b>TOTAL METALS</b>			\$	<b>47,905</b>
6	<b>WOOD &amp; PLASTICS</b>				
	Remove & Reinstall Timber Roofs Over Stairwells	4 EA	\$ 10,000.00	\$	40,000
	<b>TOTAL WOOD &amp; PLASTICS</b>			\$	<b>40,000</b>
7	<b>THERMAL &amp; MOISTURE PROTECTION</b>				
	Expansion Joints & Covers	1 LS	\$ 10,000.00	\$	10,000
	<b>TOTAL THERMAL &amp; MOISTURE PROTECTION</b>			\$	<b>10,000</b>
9	<b>FINISHES</b>				
	Joint Caulking	25300 SF	\$ 0.29	\$	7,274
	Epoxy Traffic Coating	25300 SF	\$ 4.60	\$	116,380
	<b>TOTAL FINISHES</b>			\$	<b>123,654</b>
10	<b>SPECIALTIES</b>				
	Warning Signage	1 LS	\$ 2,500.00	\$	2,500
	<b>TOTAL SPECIALTIES</b>			\$	<b>2,500</b>
14	<b>CONVEYING SYSTEMS</b>				

PROJECT ESTIMATE		CONSTRUCTION CONTROL CORPORATION		11/21/2014	
PROJECT NAME.....PARK CITY PARKING STUDY		NORTH CHINA BRIDGE			
LOCATION.....PARK CITY, UT					
ARCHITECT.....FFKR		25,300 SF			
STAGE OF DESIGN.....FEASIBILITY					
CSI #	DESCRIPTION	UNIT QTY	UNIT COST	TOTAL	
	Add 1 Elevator Stop to Existing Elevator	1 EA	\$ 27,500.00	\$	27,500
	<b>TOTAL CONVEYING SYSTEMS</b>			\$	<b>27,500</b>
15	<b>MECHANICAL</b>				
	Fire Suppression System	25300 SF	\$ 3.30	\$	83,490
	PT Slab Drain	3 EA	\$ 327.75	\$	983
	Drain Piping	300 LF	\$ 21.28	\$	6,383
	<b>TOTAL MECHANICAL</b>			\$	<b>90,856</b>
16	<b>ELECTRICAL</b>				
		25300 SF	\$ 3.50	\$	88,550

NORTH CHINA BRIDGE  
Cost Estimate

**PARK CITY**  
Parking Study





## SWEDE ALLEY LOT:

### Footprint:

- » 38,000 ft<sup>2</sup>

### Pros:

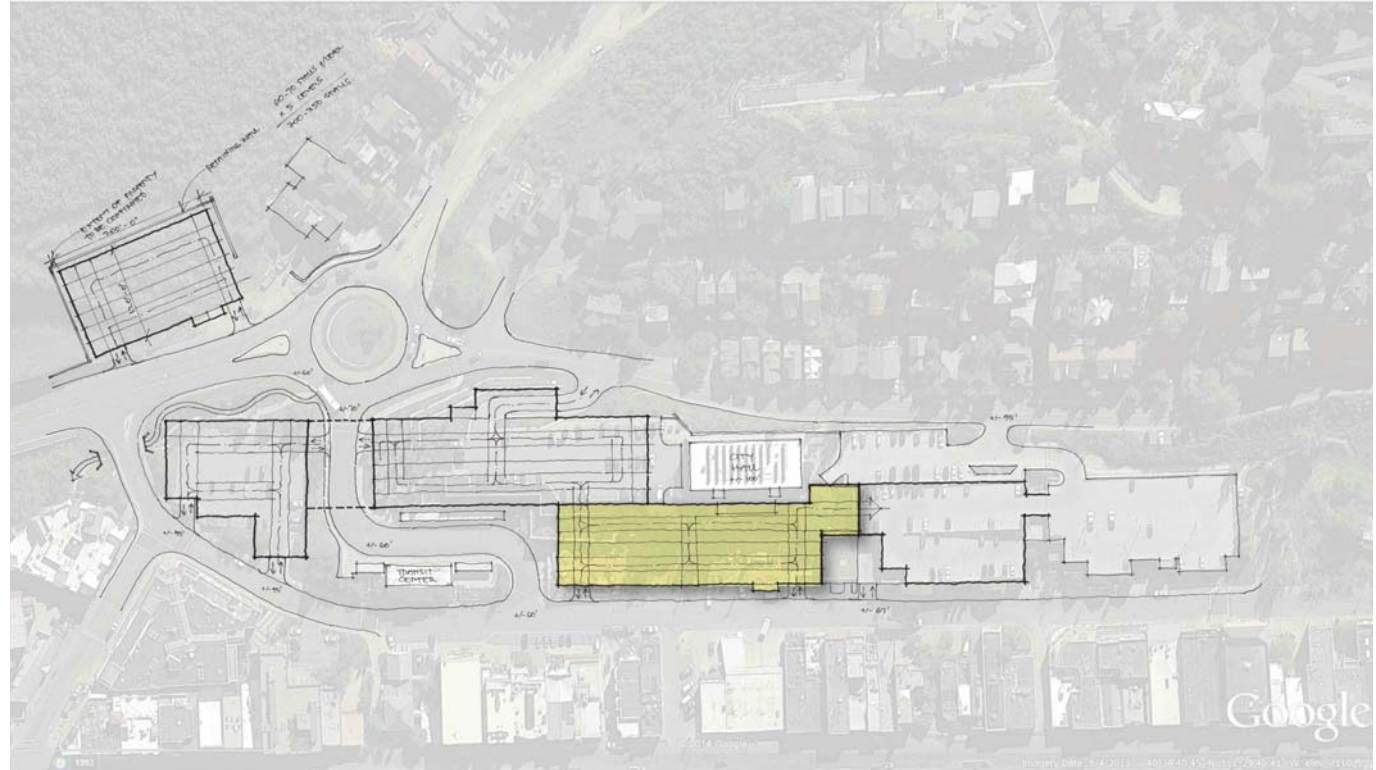
- » Central adjacency to City Hall and Main Street businesses
- » Connection to existing China Bridge structure
- » Utilization of awkward, underused space
- » Opportunity for rooftop plaza to activate space with views out
- » Efficient layout

### Cons:

- » Conflict with renovated historic City Hall stairs and planned City Hall plaza
- » Only 3 levels of parking
- » Possible conflict with historic City Hall stairs (see Option 2)
- » Visual obstruction of City Hall from Swede Alley

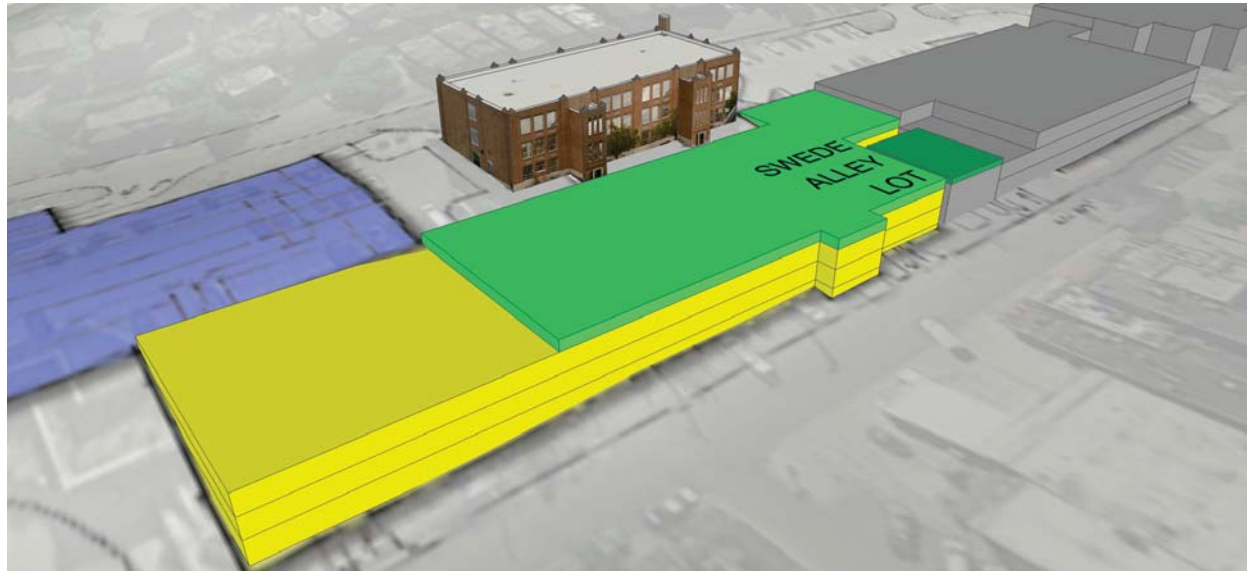
### Stall Count:

- » 3 Levels
- » +/-100 Spaces p/Level
- » Total: +/-300 Spaces
- » Net: +/- 240 Spaces

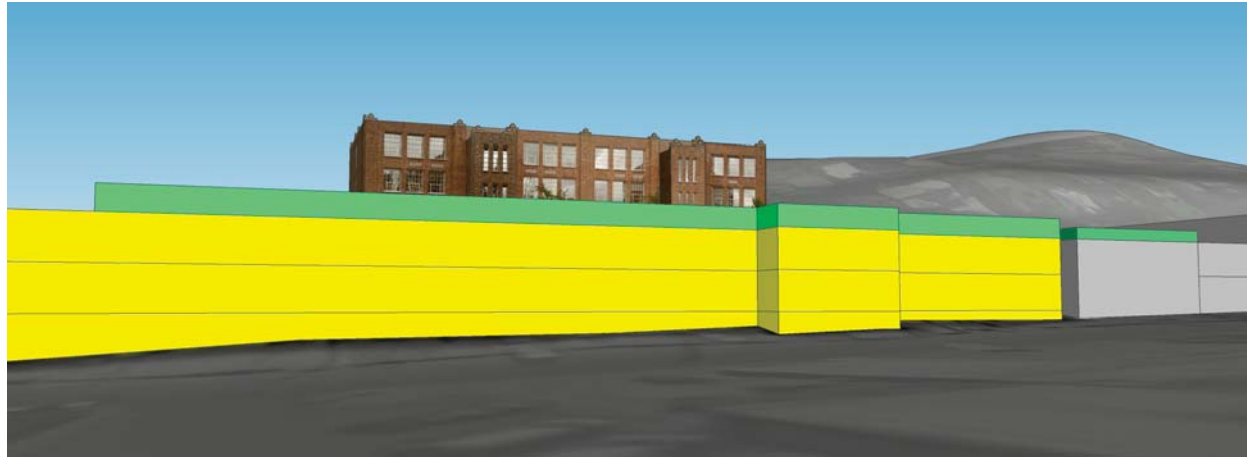




Key

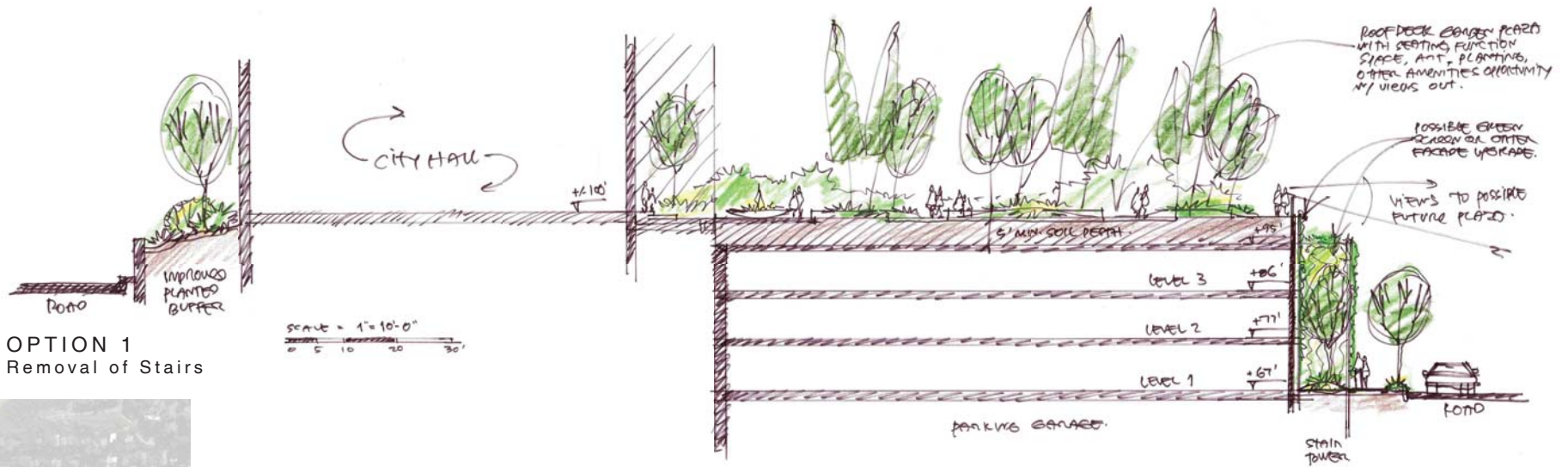


Key

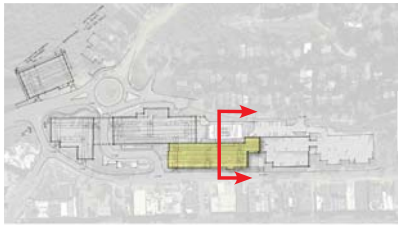


**SWEDE ALLEY LOT**  
Massing Model

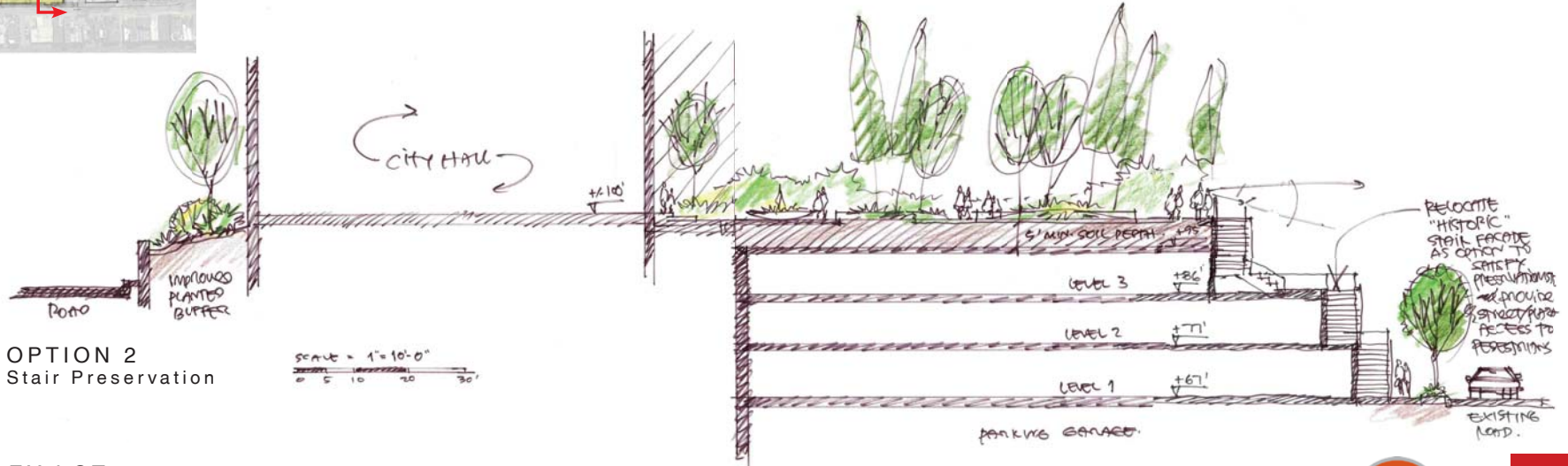




OPTION 1  
Removal of Stairs



Key



OPTION 2  
Stair Preservation

PROJECT ESTIMATE	CONSTRUCTION CONTROL CORPORATION	11/21/2014		
PROJECT NAME.....PARK CITY PARKING STUDY SWEDE ALLEY LOT - REMOVE STAIRS				
LOCATION.....PARK CITY, UT				
ARCHITECT.....FFKR 114,000 SF				
STAGE OF DESIGN.....FEASIBILITY				
CSI #	DESCRIPTION	UNIT QTY	UNIT COST	TOTAL
<b>BUILDING COST ESTIMATE</b>				
2	SITE WORK		\$ 44.10	\$ 5,027,381
3	CONCRETE		\$ 36.48	\$ 4,158,800
5	METALS		\$ 1.94	\$ 221,245
6	WOODS & PLASTICS		\$ 0.26	\$ 29,250
7	THERMAL & MOISTURE PROTECTION		\$ 2.55	\$ 291,178
9	FINISHES		\$ 4.89	\$ 557,175
10	SPECIALTIES		\$ 0.07	\$ 7,500
14	CONVEYING SYSTEMS		\$ 1.05	\$ 120,000
15	MECHANICAL		\$ 3.72	\$ 424,522
16	ELECTRICAL		\$ 3.50	\$ 399,000
<b>SUBTOTAL</b>			\$ 98.56	\$ 11,236,051
GENERAL CONDITIONS		8%	\$ 7.88	\$ 898,884
OVERHEAD & PROFIT		5%	\$ 4.93	\$ 561,803
DESIGN CONTINGENCY		15%	\$ 14.78	\$ 1,685,408
<b>TOTAL CONSTRUCTION COST</b>			\$ 126.16	\$ 14,382,145

PROJECT ESTIMATE	CONSTRUCTION CONTROL CORPORATION	11/21/2014		
PROJECT NAME.....PARK CITY PARKING STUDY SWEDE ALLEY LOT - REMOVE STAIRS				
LOCATION.....PARK CITY, UT				
ARCHITECT.....FFKR 114,000 SF				
STAGE OF DESIGN.....FEASIBILITY				
CSI #	DESCRIPTION	UNIT QTY	UNIT COST	TOTAL
2	<b>SITE WORK</b>			
	<b>Demolition</b>			
	Remove Asphalt Parking	17900 SF	\$ 0.80	\$ 14,320
	Remove Light Pole	5 EA	\$ 550.00	\$ 2,750
	Demolish Concrete Stairs	2835 SF	\$ 3.25	\$ 9,214
	Demolish Retaining Walls	6170 SF	\$ 7.85	\$ 48,435
	Relocate Electrical/Telecom at Street	1 Allow	\$ 75,000.00	\$ 75,000
	Relocate Back-up Generator	1 Allow	\$ 25,000.00	\$ 25,000
	<b>Subtotal for Demolition</b>			\$ 174,718
	<b>Excavation</b>			
	Site Clearing	45000 SF	\$ 0.59	\$ 26,550
	Shoring - Piles w/ Lagging	16200 SF	\$ 70.00	\$ 1,134,000
	Excavation	19259 CY	\$ 6.60	\$ 127,111
	Haul Contaminated Soil Off Site	19259 CY	\$ 100.00	\$ 1,925,926
	Compacted Backfill w/ Imported Fill	1926 CY	\$ 23.58	\$ 45,413
	Gravel Under Slab	1126 TON	\$ 27.60	\$ 31,076
	Grade Floor	38000 SF	\$ 0.36	\$ 13,547
	SWPPP	1 LS	\$ 30,000.00	\$ 30,000
	<b>Subtotal for Excavation</b>			\$ 3,333,623
	<b>Utilities</b>			
	Storm Drain	1 LS	\$ 30,000.00	\$ 30,000
	Misc. Utility Relocation	1 Allow	\$ 50,000.00	\$ 50,000
	<b>Subtotal for Utilities</b>			\$ 80,000
	<b>Site Improvements</b>			
	Site Landscaping	7000 SF	\$ 5.50	\$ 38,500
	Sidewalk	2000 SF	\$ 4.65	\$ 9,300
	Curb & Gutter	200 LF	\$ 19.44	\$ 3,888
	Roof Landscaping/Terrace Improvements	38000 SF	\$ 20.00	\$ 760,000
	5' Roof Fill	7037 CY	\$ 50.00	\$ 351,852
	Green Screen/Façade Upgrade	9000 SF	\$ 30.00	\$ 270,000
	Asphalt Patching	1 LS	\$ 5,500.00	\$ 5,500
	<b>Subtotal for Site Improvements</b>			\$ 1,439,040
	<b>TOTAL SITE WORK</b>			\$ 5,027,381
3	<b>CONCRETE</b>			
	Mit Footing	2814 CY	\$ 350.75	\$ 987,011
	Column	333 CY	\$ 626.75	\$ 208,917
	Slab Wall	9000 SF	\$ 41.03	\$ 369,288
	Retaining Wall	1500 SF	\$ 27.23	\$ 40,848
	Cast-in-Place Boundary Wall	17016 SF	\$ 26.63	\$ 453,136
	Slab on Grade	38000 SF	\$ 4.86	\$ 184,851
	PT Slab	2111 CY	\$ 603.75	\$ 1,274,583
	PT Slab Roof	1056 CY	\$ 603.75	\$ 637,292

PROJECT ESTIMATE	CONSTRUCTION CONTROL CORPORATION	11/21/2014		
PROJECT NAME.....PARK CITY PARKING STUDY SWEDE ALLEY LOT - REMOVE STAIRS				
LOCATION.....PARK CITY, UT				
ARCHITECT.....FFKR 114,000 SF				
STAGE OF DESIGN.....FEASIBILITY				
CSI #	DESCRIPTION	UNIT QTY	UNIT COST	TOTAL
	Bellards	1 Allow	\$ 2,875.00	\$ 2,875
	<b>TOTAL CONCRETE</b>			\$ 4,158,800
5	<b>METALS</b>			
	Metal Pan Stairs	900 SF	\$ 68.30	\$ 61,470
	Galvanized Freestanding Railing	240 LF	\$ 137.50	\$ 33,000
	Freestanding Railing at Roof Terrace	542 LF	\$ 137.50	\$ 74,525
	Barrier Cable at Ramps	550 LF	\$ 95.00	\$ 52,250
	<b>TOTAL METALS</b>			\$ 221,245
6	<b>WOODS &amp; PLASTICS</b>			
	Timber Frame Roof Over Stairwells	450 SF	\$ 65.00	\$ 29,250
	<b>TOTAL WOODS &amp; PLASTICS</b>			\$ 29,250
7	<b>THERMAL &amp; MOISTURE PROTECTION</b>			
	Plaza Waterproofing	38000 SF	\$ 7.15	\$ 271,700
	Expansion Joints & Covers	1 LS	\$ 15,000.00	\$ 15,000
	Standing Seam Roof Over Stairwells	450 SF	\$ 9.95	\$ 4,478
	<b>TOTAL THERMAL &amp; MOISTURE PROTECTION</b>			\$ 291,178
9	<b>FINISHES</b>			
	Joint Caulking	114000 SF	\$ 0.29	\$ 32,775
	Epoxy Traffic Coating	114000 SF	\$ 4.60	\$ 524,400
	<b>TOTAL FINISHES</b>			\$ 557,175
10	<b>SPECIALTIES</b>			
	Warning Signage	1 LS	\$ 7,500.00	\$ 7,500
	<b>TOTAL SPECIALTIES</b>			\$ 7,500
14	<b>CONVEYING SYSTEMS</b>			
	4 Stop Elevator	1 EA	\$ 120,000.00	\$ 120,000
	<b>TOTAL CONVEYING SYSTEMS</b>			\$ 120,000
15	<b>MECHANICAL</b>			
	Fire Suppression System	114000 SF	\$ 3.30	\$ 376,200
	PT Slab Drain	9 EA	\$ 327.75	\$ 2,950
	Plaza Drains	10 EA	\$ 495.00	\$ 4,950
	Drain Piping	1900 LF	\$ 21.28	\$ 40,423
	<b>TOTAL MECHANICAL</b>			\$ 424,522
16	<b>ELECTRICAL</b>			
		114000 SF	\$ 3.50	\$ 399,000

SWEDE ALLEY LOT  
Cost Estimate - Stair Removal

**PARK CITY**  
Parking Study





PROJECT ESTIMATE	CONSTRUCTION CONTROL CORPORATION	11/21/2014		
PROJECT NAME.....PARK CITY PARKING STUDY <b>SWEDE ALLEY LOT - PRESERVE STAIRS</b>				
LOCATION.....PARK CITY, UT				
ARCHITECT.....FFKR	114,000 SF			
STAGE OF DESIGN.....FEASIBILITY				
CSI #	DESCRIPTION	UNIT QTY	UNIT COST	TOTAL
<b>BUILDING COST ESTIMATE</b>				
2	<b>SITE WORK</b>		\$ 43.05	\$ 4,407,381
3	<b>CONCRETE</b>		\$ 37.79	\$ 4,307,917
5	<b>METALS</b>		\$ 1.94	\$ 221,245
6	<b>WOODS &amp; PLASTICS</b>		\$ 0.26	\$ 29,250
7	<b>THERMAL &amp; MOISTURE PROTECTION</b>		\$ 2.55	\$ 291,178
9	<b>FINISHES</b>		\$ 4.89	\$ 557,175
10	<b>SPECIALTIES</b>		\$ 0.07	\$ 7,500
14	<b>CONVEYING SYSTEMS</b>		\$ 1.05	\$ 120,000
15	<b>MECHANICAL</b>		\$ 3.72	\$ 424,522
16	<b>ELECTRICAL</b>		\$ 3.50	\$ 399,000
<b>SUBTOTAL</b>			\$ 98.82	\$ 11,265,168
<b>GENERAL CONDITIONS</b>		8%	\$ 7.91	\$ 901,213
<b>OVERHEAD &amp; PROFIT</b>		5%	\$ 4.94	\$ 563,258
<b>DESIGN CONTINGENCY</b>		15%	\$ 14.82	\$ 1,689,775
<b>TOTAL CONSTRUCTION COST</b>			\$ 126.49	\$ 14,419,415

PROJECT ESTIMATE	CONSTRUCTION CONTROL CORPORATION	11/21/2014		
PROJECT NAME.....PARK CITY PARKING STUDY <b>SWEDE ALLEY LOT - PRESERVE STAIRS</b>				
LOCATION.....PARK CITY, UT				
ARCHITECT.....FFKR	114,000 SF			
STAGE OF DESIGN.....FEASIBILITY				
CSI #	DESCRIPTION	UNIT QTY	UNIT COST	TOTAL
2	<b>SITE WORK</b>			
<b>Demolition</b>				
	Remove Asphalt Parking	17900 SF	\$ 0.80	\$ 14,320
	Remove Light Pole	5 EA	\$ 550.00	\$ 2,750
	Demolish Concrete Stairs	2835 SF	\$ 3.25	\$ 9,214
	Demolish Retaining Walls	6170 SF	\$ 7.85	\$ 48,435
	Relocate Electrical/Telecom at Street	1 Allow	\$ 75,000.00	\$ 75,000
	Relocate Back-up Generator	1 Allow	\$ 25,000.00	\$ 25,000
<b>Subtotal for Demolition</b>				\$ 174,718
<b>Excavation</b>				
	Site Clearing	45000 SF	\$ 0.59	\$ 26,550
	Shoring - Piles w/ Lagging	16200 SF	\$ 70.00	\$ 1,134,000
	Excavation	19259 CY	\$ 6.60	\$ 127,111
	Haul Contaminated Soil Off Site	19259 CY	\$ 100.00	\$ 1,925,926
	Compacted Backfill w/ Imported Fill	1926 CY	\$ 23.58	\$ 45,413
	Gravel Under Slab	1126 TON	\$ 27.60	\$ 31,076
	Grade Floor	38000 SF	\$ 0.36	\$ 13,547
	SIWPPP	1 LS	\$ 30,000.00	\$ 30,000
<b>Subtotal for Excavation</b>				\$ 3,333,623
<b>Utilities</b>				
	Storm Drain	1 LS	\$ 30,000.00	\$ 30,000
	Misc. Utility Relocation	1 Allow	\$ 50,000.00	\$ 50,000
<b>Subtotal for Utilities</b>				\$ 80,000
<b>Site Improvements</b>				
	Site Landscaping	7000 SF	\$ 5.50	\$ 38,500
	Sidewalk	2000 SF	\$ 4.65	\$ 9,300
	Curb & Gutter	200 LF	\$ 19.44	\$ 3,888
	Roof Landscaping/Terrace Improvements	38000 SF	\$ 20.00	\$ 760,000
	5' Roof Fill	7037 CY	\$ 50.00	\$ 351,852
	Green Screen/Façade Upgrade	5000 SF	\$ 30.00	\$ 150,000
	Asphalt Patching	1 LS	\$ 5,500.00	\$ 5,500
<b>Subtotal for Site Improvements</b>				\$ 1,319,040
<b>TOTAL SITE WORK</b>				\$ 4,807,381
3	<b>CONCRETE</b>			
	Mat Footing	2814 CY	\$ 350.75	\$ 987,011
	Column	333 CY	\$ 626.75	\$ 208,917
	Shear Wall	9000 SF	\$ 41.03	\$ 369,288
	Retaining Wall	1500 SF	\$ 27.23	\$ 40,848
	Cast-in-Place Boundary Wall	17016 SF	\$ 26.63	\$ 453,136
	Foundation Wall (Replicate Historic Walls)	2500 SF	\$ 45.00	\$ 112,500
	Concrete Stairs	1250 SF	\$ 25.00	\$ 31,250
	Slab on Grade	38000 SF	\$ 4.86	\$ 184,851
	PT Slab	2120 CY	\$ 603.75	\$ 1,279,950

PROJECT ESTIMATE	CONSTRUCTION CONTROL CORPORATION	11/21/2014		
PROJECT NAME.....PARK CITY PARKING STUDY <b>SWEDE ALLEY LOT - PRESERVE STAIRS</b>				
LOCATION.....PARK CITY, UT				
ARCHITECT.....FFKR	114,000 SF			
STAGE OF DESIGN.....FEASIBILITY				
CSI #	DESCRIPTION	UNIT QTY	UNIT COST	TOTAL
	PT Slab Roof	1056 CY	\$ 603.75	\$ 637,292
	Bollards	1 Allow	\$ 2,875.00	\$ 2,875
<b>TOTAL CONCRETE</b>				\$ 4,307,917
5	<b>METALS</b>			
	Metal Pan Stairs	900 SF	\$ 68.30	\$ 61,470
	Galvanized Freestanding Railing	240 LF	\$ 137.50	\$ 33,000
	Freestanding Railing at Roof Terrace	542 LF	\$ 137.50	\$ 74,525
	Barrier Cable at Ramps	550 LF	\$ 95.00	\$ 52,250
<b>TOTAL METALS</b>				\$ 221,245
6	<b>WOODS &amp; PLASTICS</b>			
	Timber Frame Roof Over Stairwells	450 SF	\$ 65.00	\$ 29,250
<b>TOTAL WOODS &amp; PLASTICS</b>				\$ 29,250
7	<b>THERMAL &amp; MOISTURE PROTECTION</b>			
	Plaza Waterproofing	36000 SF	\$ 7.15	\$ 271,700
	Expansion Joints & Covers	1 LS	\$ 15,000.00	\$ 15,000
	Standing Seam Roof Over Stairwells	450 SF	\$ 9.95	\$ 4,478
<b>TOTAL THERMAL &amp; MOISTURE PROTECTION</b>				\$ 291,178
9	<b>FINISHES</b>			
	Joint Caulking	114000 SF	\$ 0.29	\$ 32,775
	Epoxy Traffic Coating	114000 SF	\$ 4.60	\$ 524,400
<b>TOTAL FINISHES</b>				\$ 557,175
10	<b>SPECIALTIES</b>			
	Warning Signage	1 LS	\$ 7,500.00	\$ 7,500
<b>TOTAL SPECIALTIES</b>				\$ 7,500
14	<b>CONVEYING SYSTEMS</b>			
	4 Stop Elevator	1 EA	\$ 120,000.00	\$ 120,000
<b>TOTAL CONVEYING SYSTEMS</b>				\$ 120,000
15	<b>MECHANICAL</b>			
	Fije Suppression System	114000 SF	\$ 3.30	\$ 376,200
	PT Slab Drain	9 EA	\$ 327.75	\$ 2,950
	Plaza Drains	10 EA	\$ 495.00	\$ 4,950
	Drain Piping	1900 LF	\$ 21.28	\$ 40,423
<b>TOTAL MECHANICAL</b>				\$ 424,522
16	<b>ELECTRICAL</b>			
		114000 SF	\$ 3.50	\$ 399,000

SWEDE ALLEY LOT  
Cost Estimate - Stair Preservation

**PARK CITY**  
Parking Study



## NORTH MARSAC LOT:

### Footprint:

- » 43,500 ft<sup>2</sup>

### Pros:

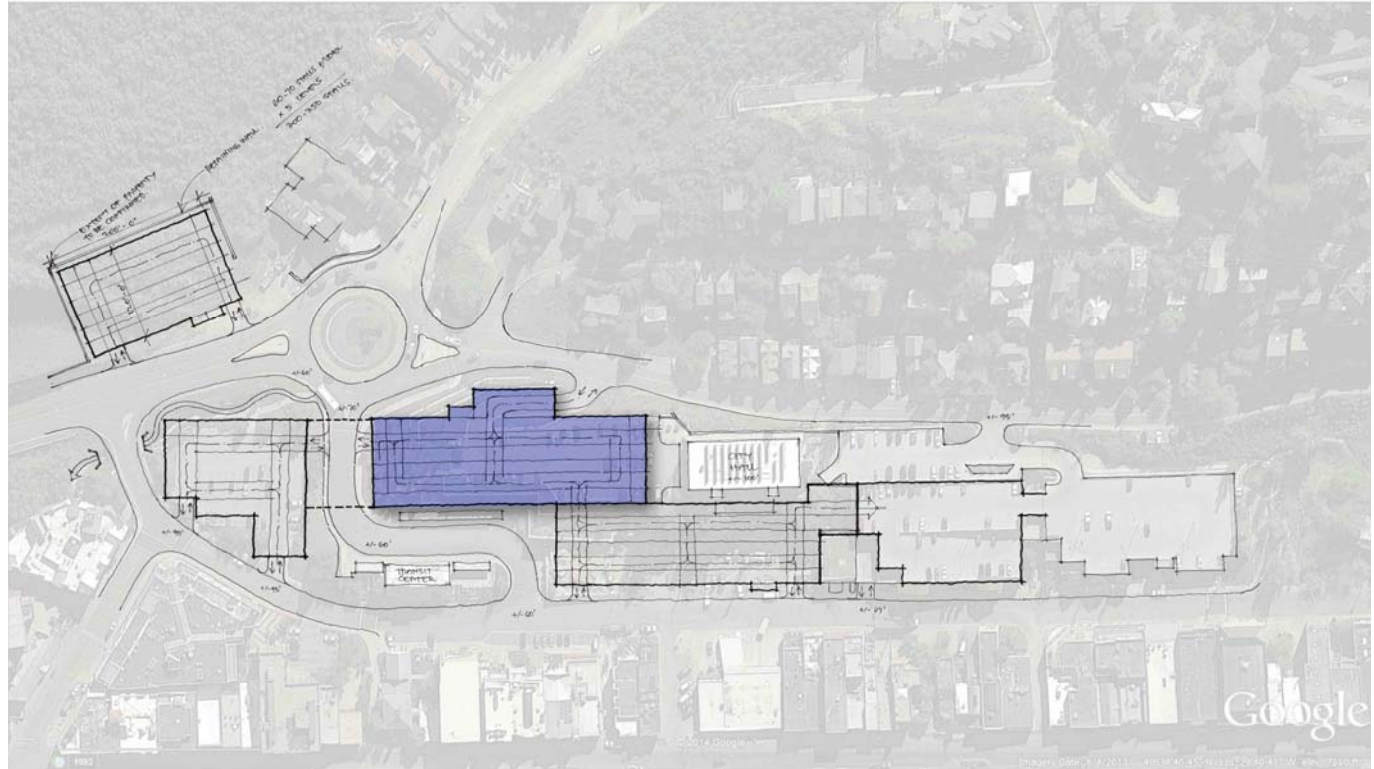
- » Central adjacency to City Hall and Main Street businesses
- » Opportunity to bridge to other possible parking structures
- » Efficient layout
- » Connection to Transit Center

### Cons:

- » Location of existing geo-thermal wells that feed City Hall
- » Building would compete visually with historic City Hall if built at existing grade

### Stall Count:

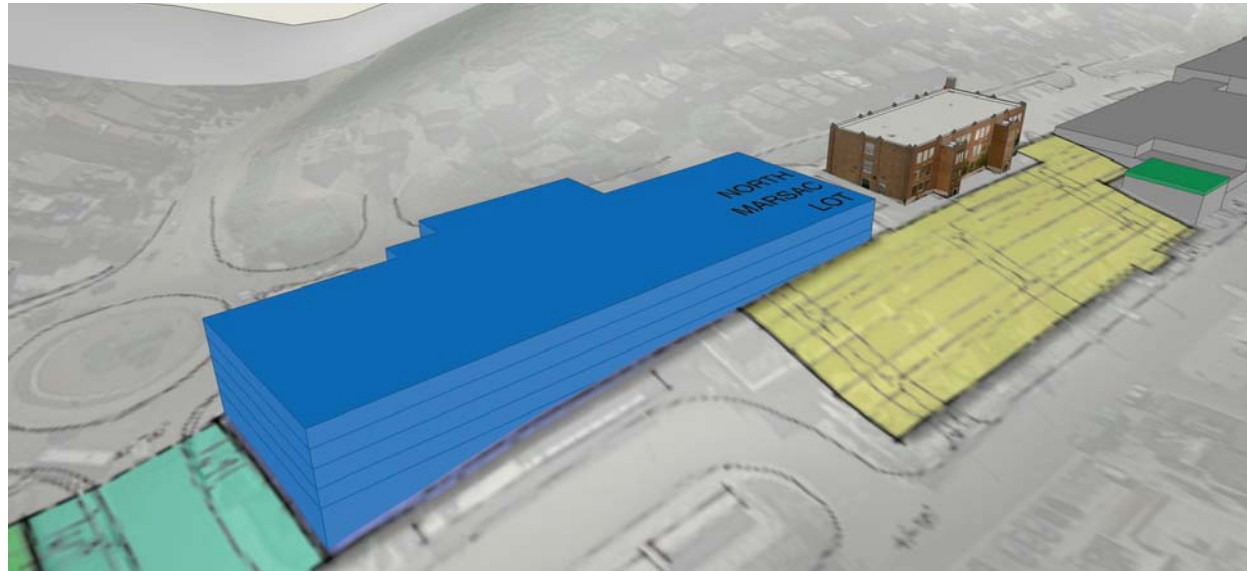
- » 5 Levels
- » +/-125 Spaces p/Level
- » Total: +/-625 Spaces
- » Net: +/-562 Spaces



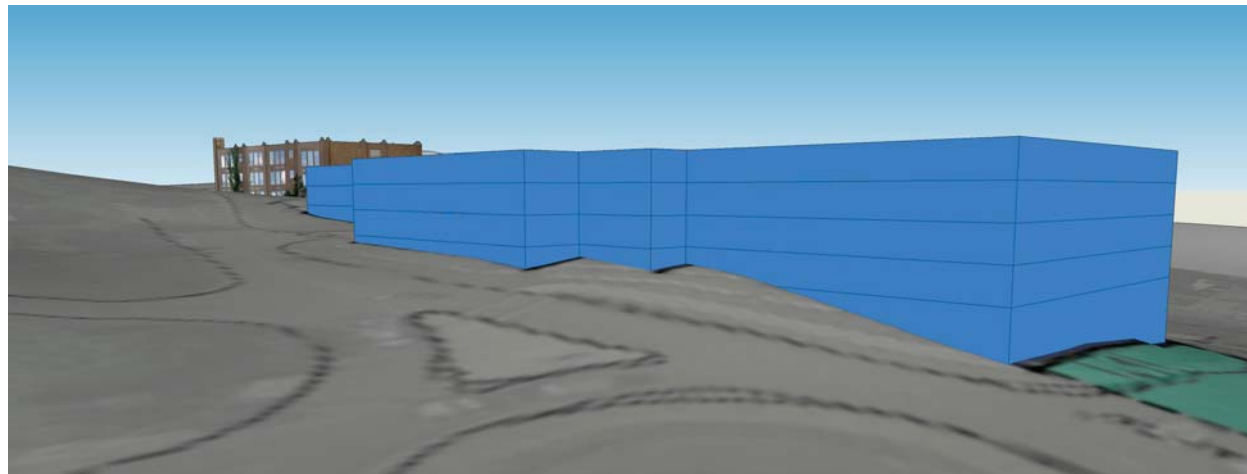


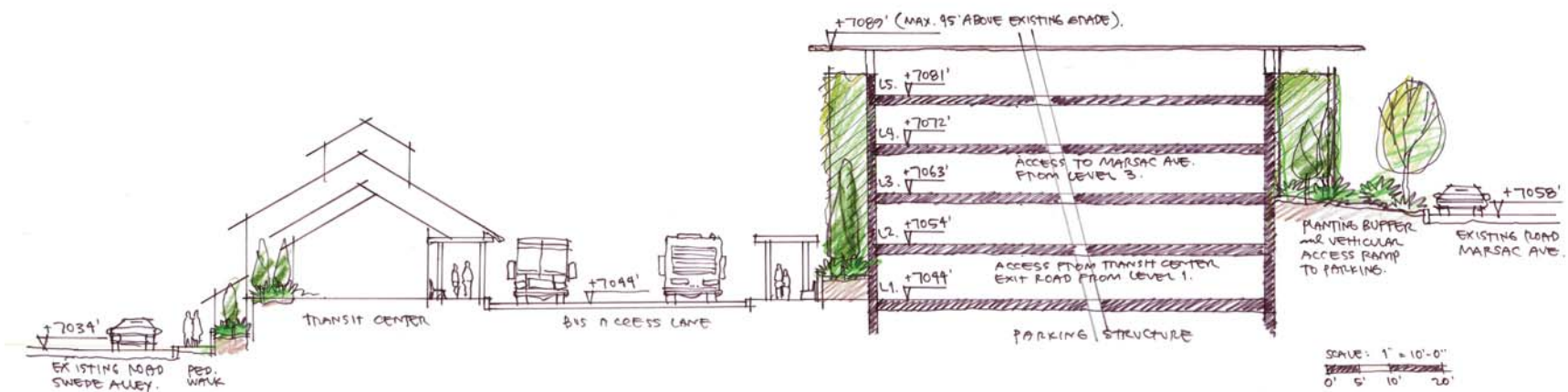


Key



Key





Key

NORTH MARSAC LOT  
South Elevation/Section

# PARK CITY Parking Study



PROJECT ESTIMATE	CONSTRUCTION CONTROL CORPORATION	11/21/2014		
PROJECT NAME.....PARK CITY PARKING STUDY		NORTH MARSAC LOT		
LOCATION.....PARK CITY, UT				
ARCHITECT.....FFKR		217,500 SF		
STAGE OF DESIGN.....FEASIBILITY				
CSI #	DESCRIPTION	UNIT QTY	UNIT COST	TOTAL
<b>BUILDING COST ESTIMATE</b>				
2	SITE WORK		\$ 26.02	\$ 5,659,854
3	CONCRETE		\$ 31.63	\$ 6,879,113
5	METALS		\$ 1.25	\$ 271,450
6	WOODS & PLASTICS		\$ 0.18	\$ 39,000
7	THERMAL & MOISTURE PROTECTION		\$ 0.10	\$ 20,970
9	FINISHES		\$ 4.89	\$ 1,063,031
10	SPECIALTIES		\$ 0.05	\$ 11,000
14	CONVEYING SYSTEMS		\$ 0.63	\$ 137,500
15	MECHANICAL		\$ 8.07	\$ 1,754,579
16	ELECTRICAL		\$ 3.50	\$ 761,250
<b>SUBTOTAL</b>			\$ 76.31	\$ 16,597,747
GENERAL CONDITIONS		8%	\$ 6.10	\$ 1,327,820
OVERHEAD & PROFIT		5%	\$ 3.82	\$ 829,887
DESIGN CONTINGENCY		15%	\$ 11.45	\$ 2,489,662
<b>TOTAL CONSTRUCTION COST</b>			\$ 97.68	\$ 21,245,116

PROJECT ESTIMATE	CONSTRUCTION CONTROL CORPORATION	11/21/2014		
PROJECT NAME.....PARK CITY PARKING STUDY		NORTH MARSAC LOT		
LOCATION.....PARK CITY, UT				
ARCHITECT.....FFKR		217,500 SF		
STAGE OF DESIGN.....FEASIBILITY				
CSI #	DESCRIPTION	UNIT QTY	UNIT COST	TOTAL
2	<b>SITE WORK</b>			
	<b>Demolition</b>			
	Remove Asphalt Parking	25650 SF	\$ 0.80	\$ 20,520
	Remove Curb & Gutter	1045 LF	\$ 3.85	\$ 4,023
	Remove Light Pole	7 EA	\$ 550.00	\$ 3,850
	Demolish Retaining Walls	7680 SF	\$ 9.85	\$ 75,648
	Demolish Concrete Stairs	1000 SF	\$ 3.25	\$ 3,250
	Remove Wood Shoring Wall	3000 SF	\$ 5.85	\$ 17,550
	Relocate Satellite Dish	1 Allow	\$ 25,000.00	\$ 25,000
	Remove Geothermal Well Field, Disconnect	1 Allow	\$ 30,000.00	\$ 30,000
	<b>Subtotal for Demolition</b>			\$ 179,841
	<b>Excavation</b>			
	Site Clearing	56000 SF	\$ 0.59	\$ 33,040
	Storing - Piles w/ Lagging	5040 SF	\$ 70.00	\$ 352,800
	Excavation	44305 CY	\$ 8.60	\$ 381,413
	Haul Contaminated Soil Off Site	44305 CY	\$ 100.00	\$ 4,430,500
	Compacted Backfill w/ Imported Fill	4431 CY	\$ 23.58	\$ 104,471
	Gravel Under Slab	1289 TON	\$ 27.60	\$ 35,573
	Grade Floor	43500 SF	\$ 0.36	\$ 15,508
	SWPPP	1 LS	\$ 40,000.00	\$ 40,000
	<b>Subtotal for Excavation</b>			\$ 5,043,305
	<b>Utilities</b>			
	Storm Drain	1 LS	\$ 55,000.00	\$ 55,000
	Misc. Utility Relocation	1 Allow	\$ 50,000.00	\$ 50,000
	<b>Subtotal for Utilities</b>			\$ 105,000
	<b>Site Improvements</b>			
	Site Landscaping	11420 SF	\$ 5.50	\$ 62,810
	Sidewalk	1080 SF	\$ 4.65	\$ 5,022
	Asphalt Patching	1 LS	\$ 2,875.00	\$ 2,875
	<b>Subtotal for Site Improvements</b>			\$ 70,707
	<b>TOTAL SITE WORK</b>			\$ 5,659,854
3	<b>CONCRETE</b>			
	Mat Footing	3222 CY	\$ 350.75	\$ 1,130,194
	Column	370 CY	\$ 626.75	\$ 232,130
	Slab Wall	25000 SF	\$ 41.03	\$ 1,025,800
	Retaining Wall	17600 SF	\$ 27.23	\$ 479,283
	Cast-in-Place Boundary Wall	32500 SF	\$ 26.63	\$ 865,475
	Slab on Grade	43500 SF	\$ 4.86	\$ 211,608
	P7 Slab	4833 CY	\$ 603.75	\$ 2,918,125
	Ballards	1 Allow	\$ 16,500.00	\$ 16,500
	<b>TOTAL CONCRETE</b>			\$ 6,879,113
5	<b>METALS</b>			

PROJECT ESTIMATE	CONSTRUCTION CONTROL CORPORATION	11/21/2014		
PROJECT NAME.....PARK CITY PARKING STUDY		NORTH MARSAC LOT		
LOCATION.....PARK CITY, UT				
ARCHITECT.....FFKR		217,500 SF		
STAGE OF DESIGN.....FEASIBILITY				
CSI #	DESCRIPTION	UNIT QTY	UNIT COST	TOTAL
	Metal Pan Stairs	1500 SF	\$ 68.30	\$ 102,450
	Galvanized Freestanding Railing	400 LF	\$ 137.50	\$ 55,000
	Barrier Cable at Ramps	1200 LF	\$ 95.00	\$ 114,000
	<b>TOTAL METALS</b>			\$ 271,450
6	<b>WOODS &amp; PLASTICS</b>			
	Timber Frame Roof Over Stairwells	600 SF	\$ 65.00	\$ 39,000
	<b>TOTAL WOODS &amp; PLASTICS</b>			\$ 39,000
7	<b>THERMAL &amp; MOISTURE PROTECTION</b>			
	Expansion Joints & Covers	1 LS	\$ 15,000.00	\$ 15,000
	Standing Seam Roof Over Stairwells	600 SF	\$ 9.95	\$ 5,970
	<b>TOTAL THERMAL &amp; MOISTURE PROTECTION</b>			\$ 20,970
9	<b>FINISHES</b>			
	Joint Caulking	217500 SF	\$ 0.29	\$ 62,531
	Epoxy Traffic Coating	217500 SF	\$ 4.60	\$ 1,000,500
	<b>TOTAL FINISHES</b>			\$ 1,063,031
10	<b>SPECIALTIES</b>			
	Warning Signage	1 LS	\$ 11,000.00	\$ 11,000
	<b>TOTAL SPECIALTIES</b>			\$ 11,000
14	<b>CONVEYING SYSTEMS</b>			
	5 Stop Elevator	1 EA	\$ 137,500.00	\$ 137,500
	<b>TOTAL CONVEYING SYSTEMS</b>			\$ 137,500
15	<b>MECHANICAL</b>			
	Fire Suppression System	217500 SF	\$ 3.30	\$ 717,750
	PT Slab Drain	15 EA	\$ 327.75	\$ 4,916
	Drain Piping	1500 LF	\$ 21.28	\$ 31,913
	Replace Marsac Building HVAC - 4 Pipe	25000 SF	\$ 40.00	\$ 1,000,000
	<b>TOTAL MECHANICAL</b>			\$ 1,754,579
16	<b>ELECTRICAL</b>			
		217500 SF	\$ 3.50	\$ 761,250

NORTH MARSAC LOT  
Cost Estimate

**PARK CITY**  
Parking Study





## FLAGPOLE LOT:

### Footprint:

- » 25,000 ft<sup>2</sup>

### Pros:

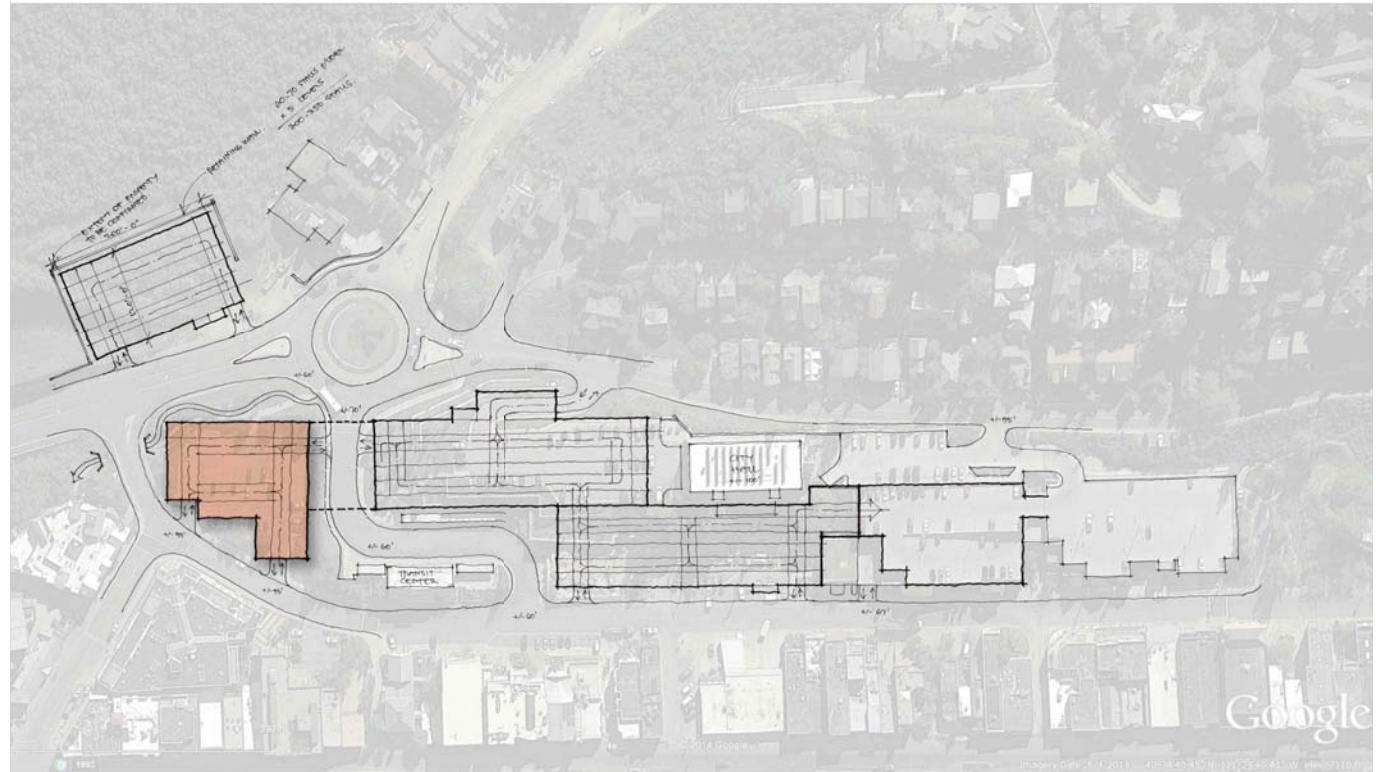
- » Minimal disturbance to existing infrastructure
- » Ease of access from multiple routes
- » Connection to Transit Center

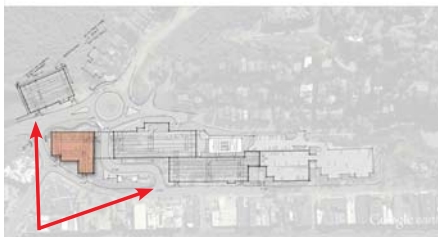
### Cons:

- » Inefficient shape
- » Large structure at gateway intersection to Marsac Ave. and Swede Alley

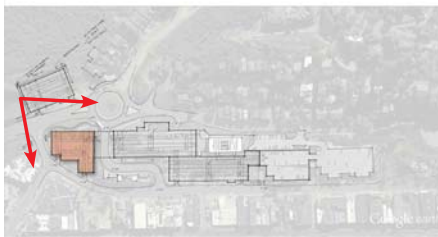
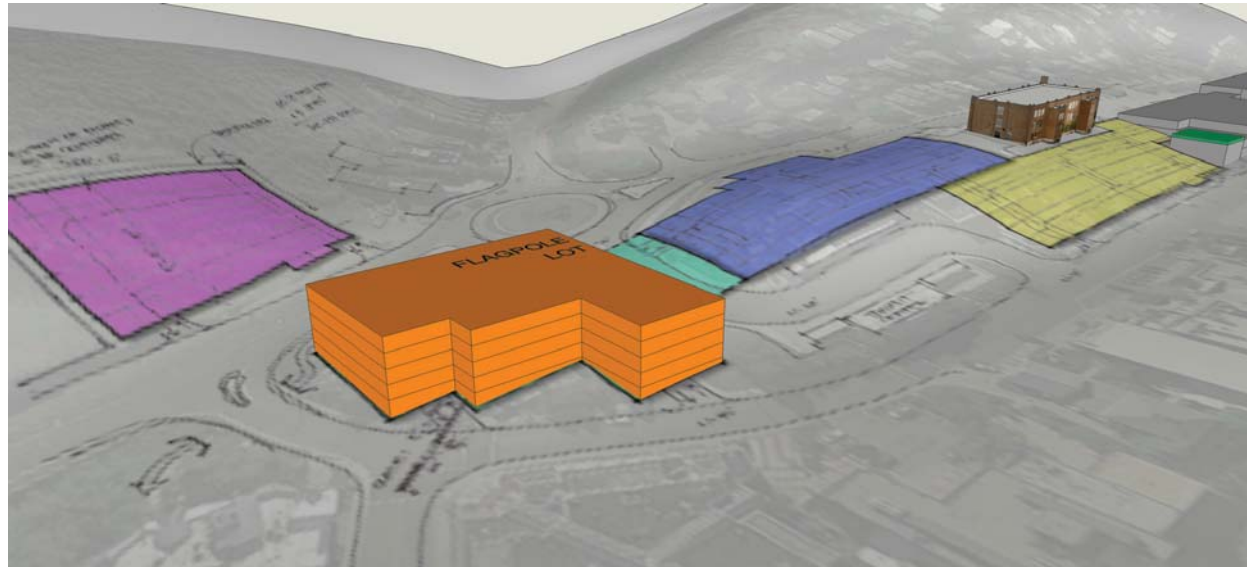
### Stall Count:

- » 5 Levels
- » +/-70 Spaces p/Level
- » Total: +/-350 Spaces
- » Net: +/-291 Spaces

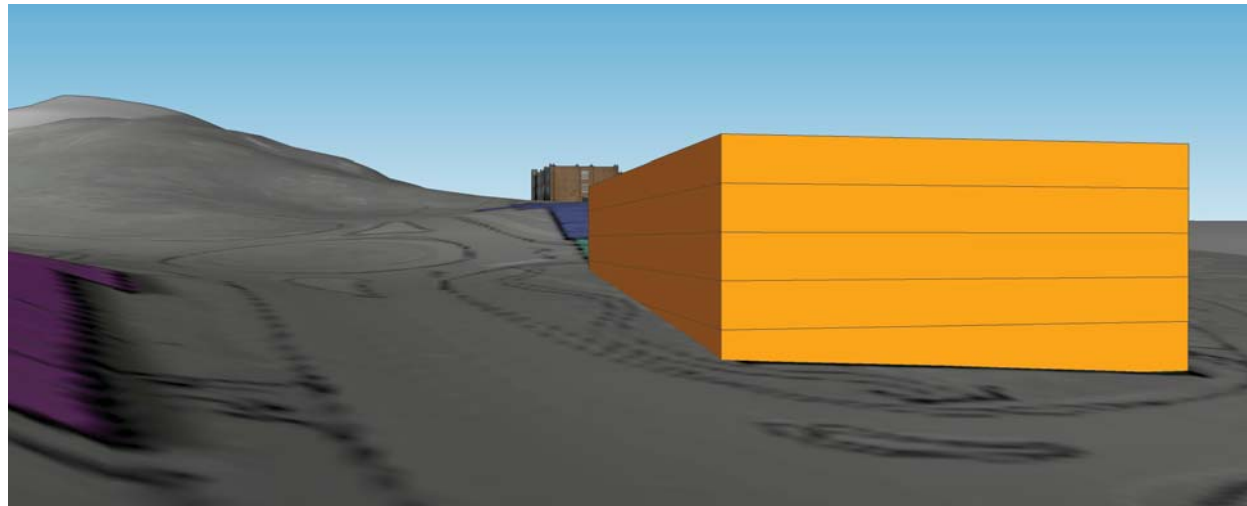


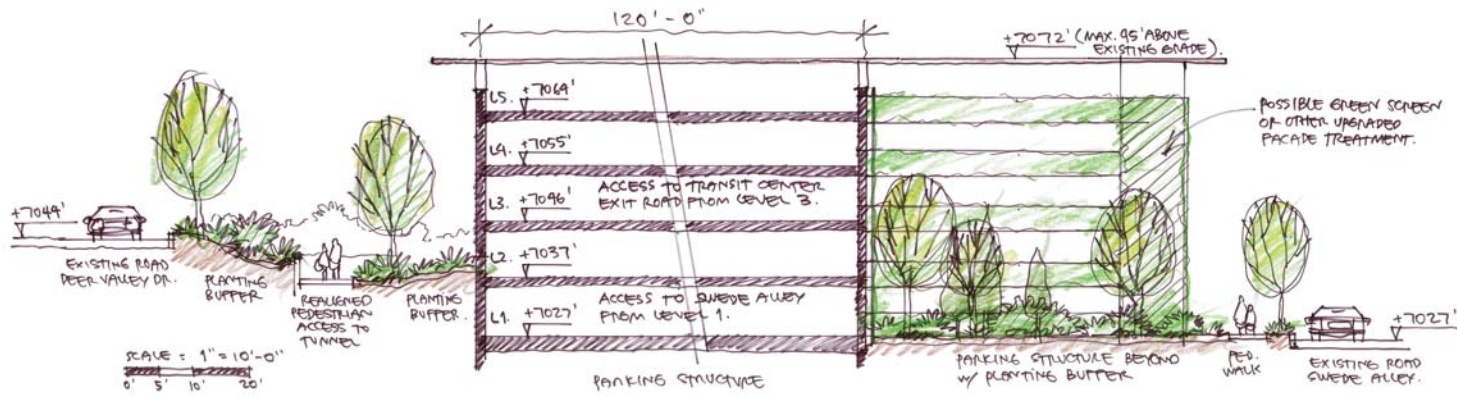


Key



Key





Key



PROJECT ESTIMATE		CONSTRUCTION CONTROL CORPORATION		11/21/2014
PROJECT NAME.....PARK CITY PARKING STUDY		FLAGPOLE LOT		
LOCATION.....PARK CITY, UT		125,000 SF		
ARCHITECT.....FFKR				
STAGE OF DESIGN..... FEASIBILITY				
CSI #	DESCRIPTION	UNIT QTY	UNIT COST	TOTAL
<b>BUILDING COST ESTIMATE</b>				
2	SITE WORK		\$ 8.28	\$ 1,034,538
3	CONCRETE		\$ 27.37	\$ 3,421,299
5	METALS		\$ 1.39	\$ 173,460
6	WOODS & PLASTICS		\$ 0.23	\$ 29,250
7	THERMAL & MOISTURE PROTECTION		\$ 0.04	\$ 4,478
9	FINISHES		\$ 4.89	\$ 610,938
10	SPECIALTIES		\$ 0.06	\$ 7,500
14	CONVEYING SYSTEMS		\$ 1.10	\$ 137,500
15	MECHANICAL		\$ 3.59	\$ 449,329
16	ELECTRICAL		\$ 3.50	\$ 437,500
<b>SUBTOTAL</b>			\$ 50.45	\$ 6,305,791
GENERAL CONDITIONS		8%	\$ 4.04	\$ 504,463
OVERHEAD & PROFIT		5%	\$ 2.52	\$ 315,290
DESIGN CONTINGENCY		15%	\$ 7.57	\$ 545,869
<b>TOTAL CONSTRUCTION COST</b>			\$ 64.57	\$ 8,071,412

PROJECT ESTIMATE		CONSTRUCTION CONTROL CORPORATION		11/21/2014
PROJECT NAME.....PARK CITY PARKING STUDY		FLAGPOLE LOT		
LOCATION.....PARK CITY, UT		125,000 SF		
ARCHITECT.....FFKR				
STAGE OF DESIGN..... FEASIBILITY				
CSI #	DESCRIPTION	UNIT QTY	UNIT COST	TOTAL
2	<b>SITE WORK</b>			
	<b>Demolition</b>			
	Remove Asphalt Parking	20625 SF	\$ 0.80	\$ 16,500
	Remove Curb & Gutter	615 LF	\$ 3.85	\$ 2,368
	Remove Light Pole	4 EA	\$ 550.00	\$ 2,200
	Demolish Retaining Walls	9255 SF	\$ 7.85	\$ 72,652
	<b>Subtotal for Demolition</b>			\$ 93,720
	<b>Excavation</b>			
	Site Clearing	30000 SF	\$ 0.59	\$ 17,700
	Shoring - Piles w/ Lagging	2300 SF	\$ 70.00	\$ 161,000
	Excavation	5555 CY	\$ 6.60	\$ 36,663
	Haul Contaminated Soil Off Site	5555 CY	\$ 100.00	\$ 555,500
	Compacted Backfill w/ Imported Fill	556 CY	\$ 23.58	\$ 13,099
	Gravel Under Slab	741 TON	\$ 27.60	\$ 20,444
	Grade Floor	25000 SF	\$ 0.36	\$ 8,913
	SWPPP	1 LS	\$ 20,000.00	\$ 20,000
	<b>Subtotal for Excavation</b>			\$ 833,319
	<b>Utilities</b>			
	Storm Drain	1 LS	\$ 30,000.00	\$ 30,000
	Misc. Utility Relocation	1 Allow	\$ 50,000.00	\$ 50,000
	<b>Subtotal for Utilities</b>			\$ 80,000
	<b>Site Improvements</b>			
	Site Landscaping	5000 SF	\$ 5.50	\$ 27,500
	<b>Subtotal for Site Improvements</b>			\$ 27,500
	<b>TOTAL SITE WORK</b>			\$ 1,634,538
3	<b>CONCRETE</b>			
	Mat Footing	1852 CY	\$ 350.75	\$ 649,537
	Column	249 CY	\$ 626.75	\$ 155,991
	Shear Wall	9600 SF	\$ 41.03	\$ 393,907
	Retaining Wall	3720 SF	\$ 27.23	\$ 101,303
	Cast-in-Place Boundary Wall	11880 SF	\$ 26.63	\$ 316,364
	Slab on Grade	25000 SF	\$ 4.86	\$ 121,613
	PT Slab	2778 CY	\$ 603.75	\$ 1,677,083
	Bollards	1 Allow	\$ 5,500.00	\$ 5,500
	<b>TOTAL CONCRETE</b>			\$ 3,421,299
5	<b>METALS</b>			
	Metal Pan Stairs	1200 SF	\$ 68.30	\$ 81,960
	Galvanized Freestanding Railing	320 LF	\$ 137.50	\$ 44,000
	Barrier Cable at Ramps	500 LF	\$ 95.00	\$ 47,500
	<b>TOTAL METALS</b>			\$ 173,460
6	<b>WOODS &amp; PLASTICS</b>			

PROJECT ESTIMATE		CONSTRUCTION CONTROL CORPORATION		11/21/2014
PROJECT NAME.....PARK CITY PARKING STUDY		FLAGPOLE LOT		
LOCATION.....PARK CITY, UT		125,000 SF		
ARCHITECT.....FFKR				
STAGE OF DESIGN..... FEASIBILITY				
CSI #	DESCRIPTION	UNIT QTY	UNIT COST	TOTAL
	Timber Frame Roof Over Stairwells	450 SF	\$ 65.00	\$ 29,250
	<b>TOTAL WOODS &amp; PLASTICS</b>			\$ 29,250
7	<b>THERMAL &amp; MOISTURE PROTECTION</b>			
	Standing Seam Roof Over Stairwells	450 SF	\$ 9.95	\$ 4,478
	<b>TOTAL THERMAL &amp; MOISTURE PROTECTION</b>			\$ 4,478
9	<b>FINISHES</b>			
	Joint Caulking	125000 SF	\$ 0.29	\$ 35,938
	Epoxy Traffic Coating	125000 SF	\$ 4.60	\$ 575,000
	<b>TOTAL FINISHES</b>			\$ 610,938
10	<b>SPECIALTIES</b>			
	Warning Signage	1 LS	\$ 7,500.00	\$ 7,500
	<b>TOTAL SPECIALTIES</b>			\$ 7,500
14	<b>CONVEYING SYSTEMS</b>			
	5 Stop Elevator	1 EA	\$ 137,500.00	\$ 137,500
	<b>TOTAL CONVEYING SYSTEMS</b>			\$ 137,500
15	<b>MECHANICAL</b>			
	Fire Suppression System	125000 SF	\$ 3.30	\$ 412,500
	PT Slab Drain	15 EA	\$ 327.75	\$ 4,916
	Drain Piping	1500 LF	\$ 21.28	\$ 31,913
	<b>TOTAL MECHANICAL</b>			\$ 449,329
16	<b>ELECTRICAL</b>			
		125000 SF	\$ 3.50	\$ 437,500

FLAGPOLE LOT  
Cost Estimate

**PARK CITY**  
Parking Study



## DEER VALLEY DRIVE LOT:

### Footprint:

- » 25,000 ft<sup>2</sup>

### Pros:

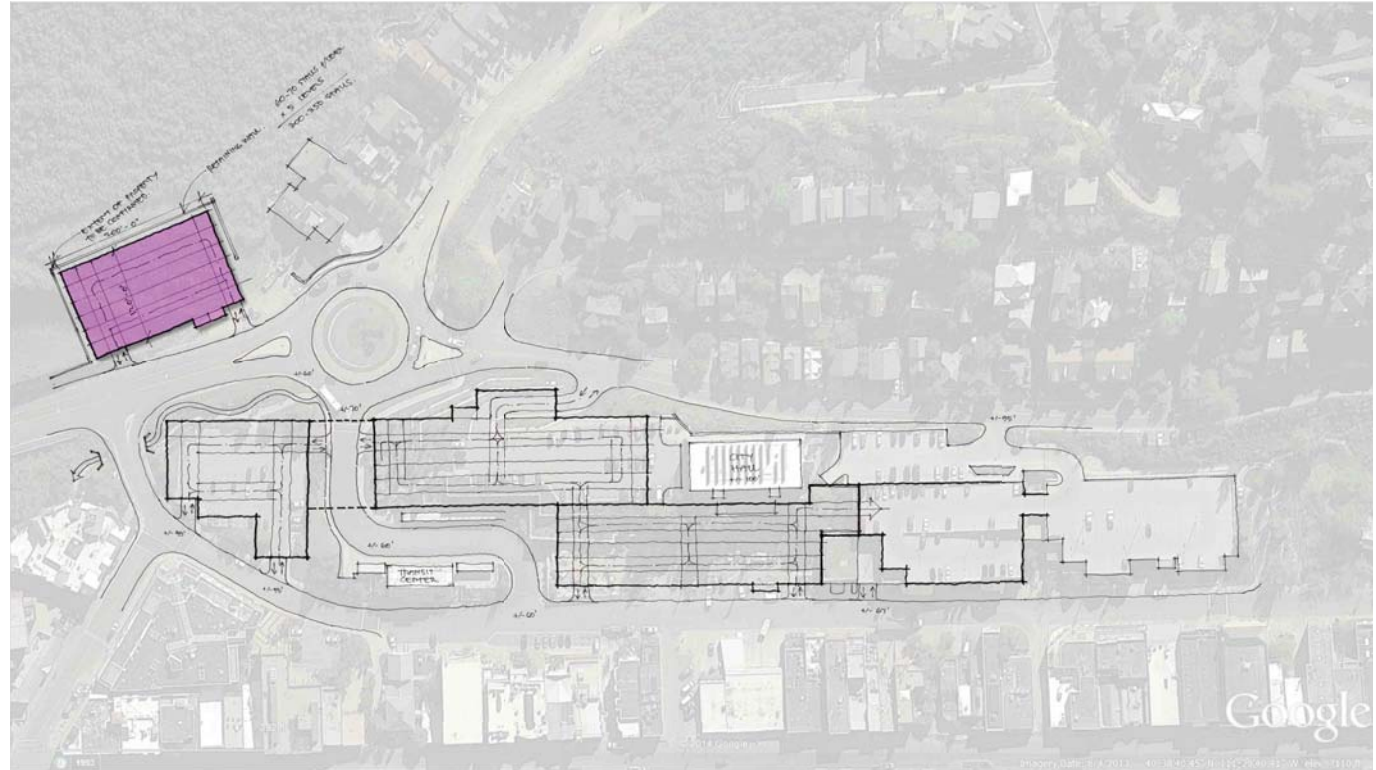
- » Greenfield
- » Layout and design simplicity

### Cons:

- » Retainage
- » Excavation and hauling
- » Traffic issues
- » Right-in right-out only
- » Pedestrian access to destinations crosses major roads
- » Large structure at gateway intersection to Marsac Ave. and Swede Alley

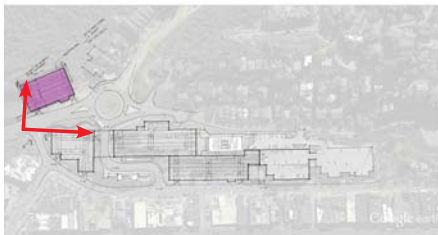
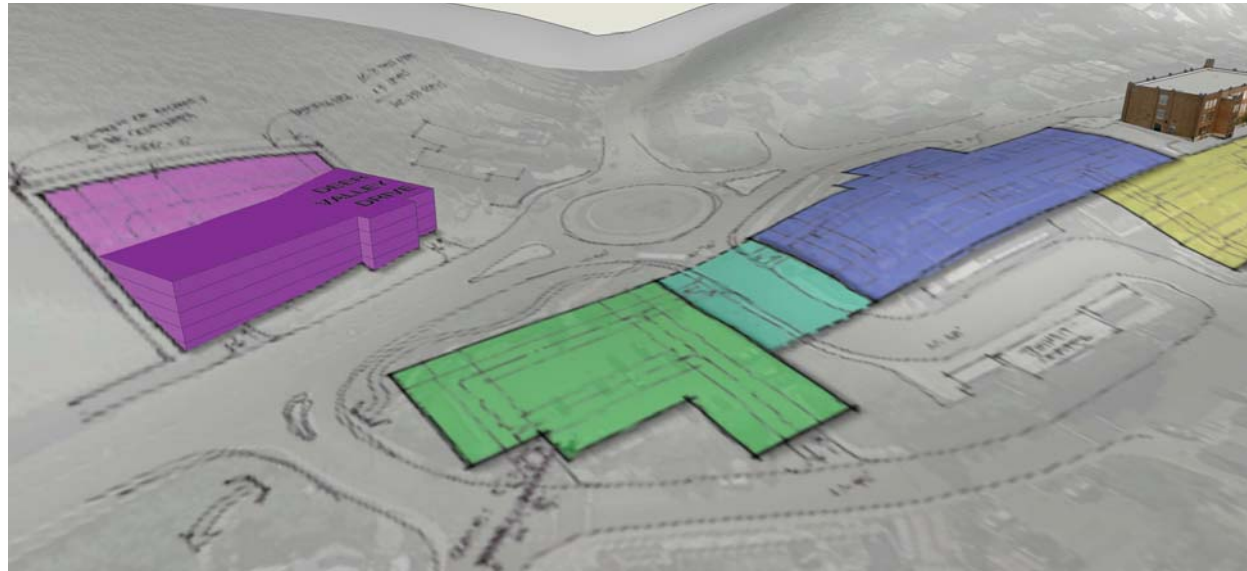
### Stall Count:

- » 5 Levels
- » +/-70 Spaces p/Level
- » Total: +/-350 Spaces

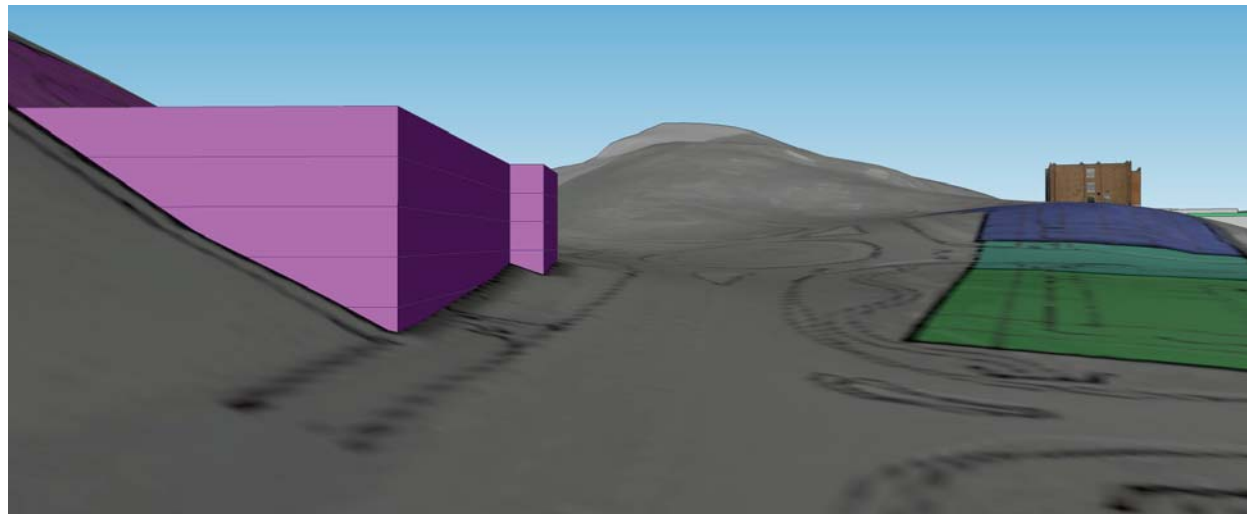




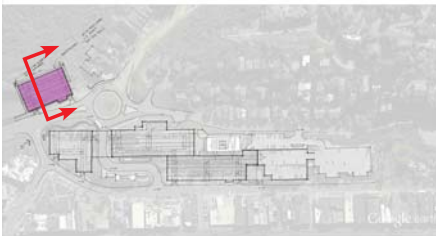
Key



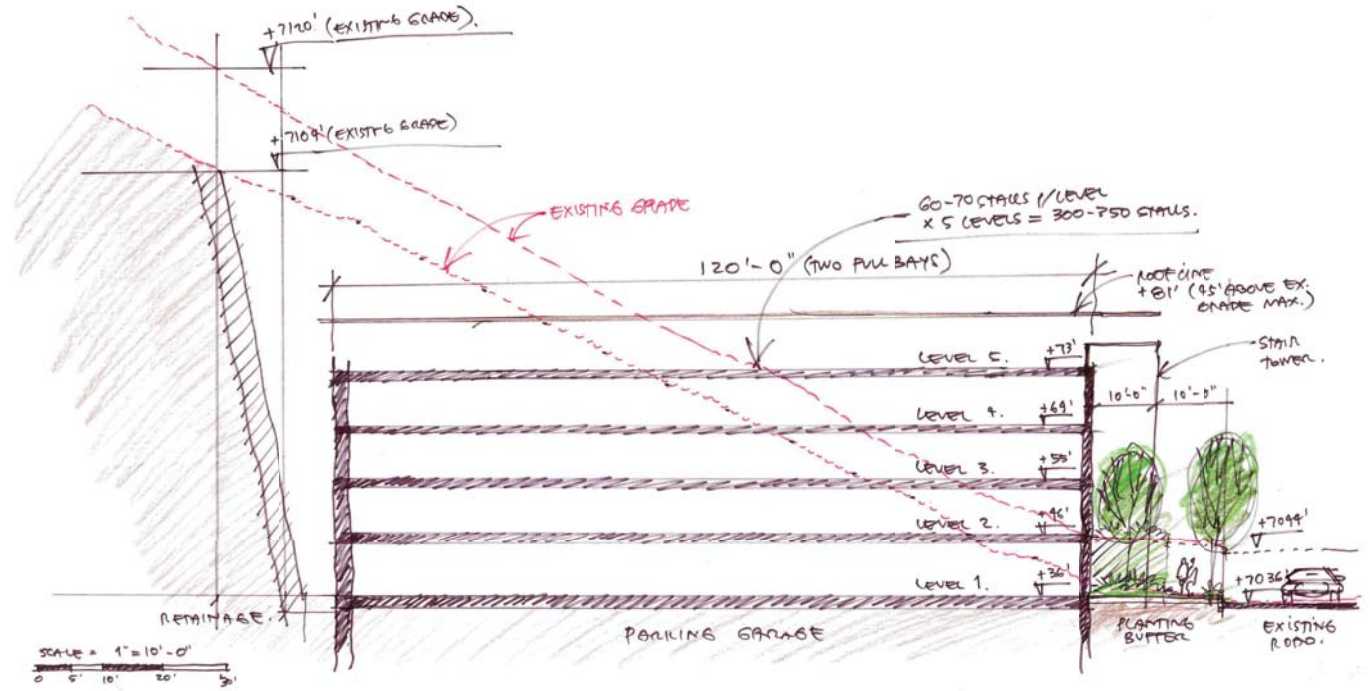
Key







Key



PROJECT ESTIMATE	CONSTRUCTION CONTROL CORPORATION	11/21/2014		
PROJECT NAME.....PARK CITY PARKING STUDY		DEER VALLEY DRIVE LOT		
LOCATION.....PARK CITY, UT				
ARCHITECT.....FFKR		125,000 SF		
STAGE OF DESIGN..... FEASIBILITY				
CSI #	DESCRIPTION	UNIT QTY	UNIT COST	TOTAL
<b>BUILDING COST ESTIMATE</b>				
2	SITE WORK		\$ 54.90	\$ 6,862,798
3	CONCRETE		\$ 26.08	\$ 3,259,931
5	METALS		\$ 1.39	\$ 173,460
6	WOODS & PLASTICS		\$ 0.23	\$ 29,250
7	THERMAL & MOISTURE PROTECTION		\$ 0.04	\$ 4,478
9	FINISHES		\$ 4.89	\$ 610,938
10	SPECIALTIES		\$ 0.06	\$ 7,500
14	CONVEYING SYSTEMS		\$ 1.10	\$ 137,500
15	MECHANICAL		\$ 3.59	\$ 449,329
16	ELECTRICAL		\$ 3.50	\$ 437,500
<b>SUBTOTAL</b>			<b>\$ 95.78</b>	<b>\$ 11,972,683</b>
GENERAL CONDITIONS		8%	\$ 7.66	\$ 957,815
OVERHEAD & PROFIT		5%	\$ 4.79	\$ 598,634
DESIGN CONTINGENCY		15%	\$ 14.37	\$ 1,795,902
<b>TOTAL CONSTRUCTION COST</b>			<b>\$ 122.60</b>	<b>\$ 15,325,034</b>

PROJECT ESTIMATE	CONSTRUCTION CONTROL CORPORATION	11/21/2014		
PROJECT NAME.....PARK CITY PARKING STUDY		DEER VALLEY DRIVE LOT		
LOCATION.....PARK CITY, UT				
ARCHITECT.....FFKR		125,000 SF		
STAGE OF DESIGN..... FEASIBILITY				
CSI #	DESCRIPTION	UNIT QTY	UNIT COST	TOTAL
2	<b>SITE WORK</b>			
	Demolition			
	Remove Light Pole	1 EA	\$ 550.00	\$ 550
	Demolish Highway Retaining Walls	1000 SF	\$ 9.50	\$ 9,500
	<b>Subtotal for Demolition</b>			<b>\$ 10,050</b>
	<b>Excavation</b>			
	Site Clearing	30000 SF	\$ 0.59	\$ 17,700
	Shoring - Shotcrete Wall	28640 SF	\$ 70.00	\$ 2,004,800
	Excavation	42777 CY	\$ 6.60	\$ 282,328
	Haul Contaminated Soil Off Site	42777 CY	\$ 100.00	\$ 4,277,700
	Compacted Backfill w/ Imported Fill	4278 CY	\$ 23.58	\$ 100,868
	Gravel Under Slab	741 TON	\$ 27.60	\$ 20,444
	Grade Floor	25000 SF	\$ 0.36	\$ 8,913
	SI/PPP	1 LS	\$ 30,000.00	\$ 30,000
	<b>Subtotal for Excavation</b>			<b>\$ 6,742,753</b>
	<b>Utilities</b>			
	Storm Drain	1 LS	\$ 30,000.00	\$ 30,000
	Calinary Water Line Relocation (If Required)		NIC	
	Misc. Utility Relocation	1 Allow	\$ 50,000.00	\$ 50,000
	<b>Subtotal for Utilities</b>			<b>\$ 80,000</b>
	<b>Site Improvements</b>			
	Site Landscaping	2650 SF	\$ 5.50	\$ 14,575
	Sidewalk	1590 SF	\$ 4.65	\$ 7,394
	Curb & Gutter	265 LF	\$ 19.44	\$ 5,152
	Asphalt Patching	1 LS	\$ 2,875.00	\$ 2,875
	<b>Subtotal for Site Improvements</b>			<b>\$ 29,995</b>
	<b>TOTAL SITE WORK</b>			<b>\$ 6,462,798</b>
3	<b>CONCRETE</b>			
	Mat Footing	1852 CY	\$ 350.75	\$ 649,537
	Column	199 CY	\$ 626.75	\$ 124,793
	Sllear Wall	7200 SF	\$ 41.03	\$ 295,430
	Retaining Wall	1440 SF	\$ 27.23	\$ 39,214
	Cast-in-Place Boundary Wall	13120 SF	\$ 26.63	\$ 349,386
	Slab on Grade	25000 SF	\$ 4.86	\$ 121,613
	Ft. Slab	2778 CY	\$ 603.75	\$ 1,677,083
	Bollards	1 Allow	\$ 2,875.00	\$ 2,875
	<b>TOTAL CONCRETE</b>			<b>\$ 3,259,931</b>
5	<b>METALS</b>			
	Metal Pan Stairs	1200 SF	\$ 68.30	\$ 81,960
	Galvanized Freestanding Railing	320 LF	\$ 137.50	\$ 44,000
	Barrier Cable at Ramps	500 LF	\$ 95.00	\$ 47,500

PROJECT ESTIMATE	CONSTRUCTION CONTROL CORPORATION	11/21/2014		
PROJECT NAME.....PARK CITY PARKING STUDY		DEER VALLEY DRIVE LOT		
LOCATION.....PARK CITY, UT				
ARCHITECT.....FFKR		125,000 SF		
STAGE OF DESIGN..... FEASIBILITY				
CSI #	DESCRIPTION	UNIT QTY	UNIT COST	TOTAL
	<b>TOTAL METALS</b>			<b>\$ 173,460</b>
6	<b>WOODS &amp; PLASTICS</b>			
	Timber Frame Roof Over Stairwells	450 SF	\$ 65.00	\$ 29,250
	<b>TOTAL WOODS &amp; PLASTICS</b>			<b>\$ 29,250</b>
7	<b>THERMAL &amp; MOISTURE PROTECTION</b>			
	Standing Seam Roof Over Stairwells	450 SF	\$ 9.95	\$ 4,478
	<b>TOTAL THERMAL &amp; MOISTURE PROTECTION</b>			<b>\$ 4,478</b>
9	<b>FINISHES</b>			
	Joint Caulking	125000 SF	\$ 0.29	\$ 35,938
	Epoxy Traffic Coating	125000 SF	\$ 4.60	\$ 575,000
	<b>TOTAL FINISHES</b>			<b>\$ 610,938</b>
10	<b>SPECIALTIES</b>			
	Warning Signage	1 LS	\$ 7,500.00	\$ 7,500
	<b>TOTAL SPECIALTIES</b>			<b>\$ 7,500</b>
14	<b>CONVEYING SYSTEMS</b>			
	5 Stop Elevator	1 EA	\$ 137,500.00	\$ 137,500
	<b>TOTAL CONVEYING SYSTEMS</b>			<b>\$ 137,500</b>
15	<b>MECHANICAL</b>			
	Fire Suppression System	125000 SF	\$ 3.30	\$ 412,500
	PT Slab Drain	15 EA	\$ 327.75	\$ 4,916
	Drain Piping	1500 LF	\$ 21.28	\$ 31,913
	<b>TOTAL MECHANICAL</b>			<b>\$ 449,329</b>
16	<b>ELECTRICAL</b>	125000 SF	\$ 3.50	\$ 437,500

DEER VALLEY DRIVE LOT  
Cost Estimate

**PARK CITY**  
Parking Study

