KHI ESTIMATES

Submission Date	N/A	**Concrete (4000 psi)**	4119	CY	
Date of Plan	N/A	**Concrete (3000 psi)**	629	CY	
Comments	N/A	**Rebars**	23	TONS	**O&P**
Base Bid	N/A	**WIRE MESH W/ 6x6-8/8 W.W.M**	4789	SF	**15.60%**

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SR #	DWG. NO.	DETAIL NO.	CSI NO.	DESCRIPTION	QTY	WASTE	QTY. W/ WASTE	UNIT	LABOR/EQUIPMENT COST	MATERIAL COST	SUBCONTRACTOR COST	TOTAL LABOR	TOTAL MATERIAL	TOTAL SUB CONTRACTOR	TOTAL UNIT COST	TOTAL COST	SUB TOTAL	MATERIAL TOTAL
		03 00 00		**CONCRETE**														
1				Layout for Benchmark Provided by others	424	0%	424	HR	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
																		$ -
				Sub-Total								**$ -**	**$ -**	**$ -**			**$ -**	$ -
																		$ -
				FOUNDATION PLAN														
				PAD FOOTING														
2	S1.1	S1.1		Concrete (3000PSI)	110	10%	121	CY	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
3	S1.1	S1.1		Reinforcement	6481	10%	7,130	LB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
4	S1.1	S1.1		Formwork- Footing	1,683	10%	1,851	SFCA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
5	S2.1	S1.1		Columns Blockouts W/ Isolation Joints	36	0%	36	EA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
																		$ -
				Sub-Total								**$ -**	**$ -**	**$ -**			**$ -**	$ -
																		$ -
				WALL FOOTING														
6	S1.1	Plan		Concrete (3000PSI)	408	10%	449	CY	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
7	S1.1	Plan		Reinforcement	9,397	10%	10,336	LB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
8	S1.1	Plan		Formwork- Footing	8,822	10%	9,704	SFCA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
9	S1.1	Plan		Footing Steps	12	0%	12	EA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
																		$ -
				Sub-Total								**$ -**	**$ -**	**$ -**			**$ -**	$ -
																		$ -
				CONCRETE WALLS														
10	S1.1	Plan		Concrete (3000 Psi)	54	10%	60	CY	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
11	S1.1	Plan		Reinforcement	11,379	10%	12,517	LB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
12	S1.1	Plan		Formwork- Wall	2,926	10%	3,218	SFCA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
13	S1.1	Plan		Key Way	231	10%	254	LF	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
14	S1.1	Plan		#4 x 2.667' Drilled Dowelled bar	232	0%	232	EA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
				We have assumed the spacing of drilled dowel @ 12" O.C for F7/S3.1. Please confirm.														$ -
				Sub-Total								**$ -**	**$ -**	**$ -**			**$ -**	$ -
																		$ -
				SLAB ON GRADEB														
				8" THICK CONC. SLAB ON GRADE														
15	S1.2	Plan	#####	8" Concrete (4000 Psi) Slab on Grade	#####	10%	158,252	SF	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
16	S1.2	Plan		10 Mil Vapor Barrier	#####	10%	158,252	SF	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
17	S1.2	Plan		8" Edge Form	2,719	10%	2,990	LF	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
18	S1.2	Plan		Expansion Joint w 1" Rigid insulation	1,891	10%	2,080	LF	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
19	S1.2	S302		Construction joint	3,880	10%	4,268	LF	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
20	S1.2	S302		Control joint CJ	11,351	10%	12,486	LF	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
21	S1.2	S302		Diamond Dowels @ 18" o.c.	2,588	0%	2,588	EA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
22	S1.2	S302		Tapered Dowel Plate Assembly	11,351	0%	11,351	LF	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
23	S1.2	S302		Tapered Dowel Plate @ 18" o.c.	7,568	0%	7,568	EA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
24	S1.2	S302		8 gauge Shipping Wire @ 30" O.C	4,541	0%	4,541	EA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
25	S1.2	GN		2 #5 x 48" Long Bars Across Re-entrant corner	621	10%	683	LB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
26	S1.2	GN		#4 cont. at door	44	10%	48	LB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
27	S1.2	GN		#4 @12" o.c 4.5' Hooked cont. at door	200	10%	220	LB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
28	S1.2	GN		#4 cont. at Footing F5 with Stairs	10	10%	11	LB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
29	S1.2	GN		#4 @32" o.c @ slab mid depth to 6" short of first C.J at Footing F3	199	0%	199	EA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
30	S1.2	GN		#4 @12" o.c DWL into precast 8" @ slab mid depth to 6" short of C.J at Footing F5 with Metal stairs	14	0%	14	EA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
31	S1.2	GN		#4 cont. at Footing F6 with Ramp Slab	87	10%	96	LB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
32	S1.2	GN		#4 @12" o.c DWL into precast 8" @ slab mid depth to 6" short of C.J at Footing F6 with Ramp Slab	110	0%	110	EA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -

33	S1.2	GN		#4 @12" o.c x 48" long at Footing F6 with Ramp Slab	353	10%	388	LB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
				We have not assumed any reinforcement for interior slab on grade as on specification page #7 it is mentioned as unreinforced. Please confirm.															
				We have assumed construction joint @ 300 CY. Please confirm.															
				8" THICK CONC. SLAB ON DOCK															
34	S1.2	F4/S3.1	**60 CY**	8" Concrete (4000 Psi) Concrete Slab on Dock	2,210	10%	2,431	SF	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
35	S1.2	F4/S3.1		#4 @12" o.c E.W at Footing F4	3,543	10%	3,897	LB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
36	S1.2	F4/S3.1		#4 cont. at Footing F4 on Slab on Dock	193	10%	212	LB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
37	S1.2	F4/S3.1		#4 @12" o.c 3' Hooked at F4/S3.1 Dowel and Grout	241	0%	241	EA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
38	S1.2	F4/S3.1		8" Edge Form	1,052	10%	1,157	LF	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
				10" THICK CONC. SLAB															
39	S1.2	Plan	**63 CY**	10" Concrete (4000 Psi) Concrete Slab	1,876	10%	2,064	SF	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
40	S1.2	GN		WIRE MESH W/ 6x6-8/8 W.W.M T&B	#####	10%	4,127	SF	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
41	S1.2	Plan		10" Edge Form	308	10%	339	LF	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
				RAMP SLAB															
				8" THICK CONC. RAMP SLAB ON GRADE															
42	S1.2	Plan	**8 CY**	8" Concrete (4000 Psi) Concrete Ramp Slab	301	10%	331	SF	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
43	S1.2	GN	`	WIRE MESH W/ 6x6-8/8 W.W.M T&B	602.00	10%	662	SF	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
44	S1.2	Plan		8" Edge Form	236	10%	259	LF	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
				THICKENED EDGES															
				Item: Thickened Edge @ F2/S3.1 **Length: 111.23'** **Width: 2'-6"** **Thickness: 0'-10"**															
45	S1.1	F2/S3.1		Concrete (4000 PSI)	9	10%	9	CY	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
46	S1.1	F2/S3.1		Perimeter Formwork	148	10%	162	SF	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
				Item: Thickened Edge @ F4/S3.1 **Length: 811'-0'** **Width: 0'-10"** **Thickness: 1'-8"**															
47	S1.1	F4/S3.1		Concrete (4000 PSI)	42	10%	46	CY	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
48	S1.1	F4/S3.1		2- #4 @12" o.c 8.0' Dowels Hooked at F4	5,207	10%	5,728	LB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
49	S1.1	F4/S3.1		#4 @12" o.c at thickend edge at Footing F4	3,790	10%	4,169	LB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
50	S1.1	F4/S3.1		Perimeter Formwork	1,354	10%	1,490	SF	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
				Item: Thickened Edge at Warehouse Door **Length: 54.329'** **Width: 2'-0"** **Thickness: 1'-0"**															
51	S1.1	Plan		Concrete (4000 PSI)	4.0	10%	4.4	CY	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
52	S1.1	Plan		Perimeter Formwork	55	10%	61	SF	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
																		$ -
				Sub Total								**$ -**	**$ -**	**$ -**			**$ -**	$ -
																		$ -
				RIGID INSULATION															
53	S1.1	Plan		2" Rigid Insulation	#####	10%	8,318.8	SF	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
																		$ -
				Sub Total								**$ -**	**$ -**	**$ -**			**$ -**	$ -
																		$ -
				OTHERS/MISC.															
54				Misc. Coordinated Installations	1	0%	1	LS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
55				Base Plate w/-Anchor E	36	0%	36	EA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -
																		$ -
				Sub Total								**$ -**	**$ -**	**$ -**			**$ -**	$ -
																		$ -
												TOTAL LABOR	**TOTAL MATERIAL**	**TOTAL SUB CONTRACTOR**				$ -
												$ -	**$ -**	**$ -**				$ -
																		$ -
TOTAL																**$ -**	**$ -**	**$ -**
SALES & USE TAX (MATERIAL)															**8.130%**	**$ -**		
BULDG CONC.																**$ -**		