

Parking Garage/Retail Space		PRECAST CONCRETE								COST AND LABOR ESTIMATE											
CSI NUMBER	EXT	NAME	CREW	DAILY OUTPUT	LABOR HOURS	UNIT	BARE COST				TOTAL O & P	QUANTITY	UNIT	JOB COST				JOB LABOR			
							MATERIAL	LABOR	EQUIPMENT	TOTAL				TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL EQUIPMENT	TOTAL JOB COST	TOTAL JOB O & P	DAYS PER TASK	LABOR HOURS	
01 00 00		GENERAL REQUIREMENTS																			
01 11 00		SUMMARY OF WORK																			
01 11 31.10	0010	RECIEVE NOTICE TO PROCEED																			
	0060	SIGN CONTRACT				PROJECT						PROJECT									
01 11 31.20	0010	SUMBIT BOND																			
	0350	INSURANCE DOCUMENTS				PROJECT						PROJECT									
01 11 31.20	0010	PREPARATION																			
	0020	SUMBIT PROJECT SCHEDULE				PROJECT						PROJECT									
01 11 31.20	0010	PREPARATION																			
	0200	SUBMIT SCHEDULE OF VALUES				CONTRACT						CONTRACT									
01 11 31.20	0010	PREPARATION																			
	0400	OBTAIN BUILDING PERMITS				CONTRACT						CONTRACT									
01 11 31.20	0010	PREPARATION																			
	0600	SHOP DRAWINGS				CONTRACT						CONTRACT									
01 11 31.20	0010	SUBMIT PRELIMINARY SHOP DRAWINGS																			
	0800	REQUESTS				CONTRACT						CONTRACT									
01 11 31.20	0010	SUBMIT MONTHLY REQUESTS FOR PAYMENTS																			
01 11 31.20	0010	SUBMIT SHOP DRAWINGS AND ORDER LONG LEAD ITEMS - STEEL																			
	1200	SUBMIT SHOP DRAWINGS AND ORDER LONG LEAD ITEMS - ROOFING				PROJECT						PROJECT									
01 11 31.75	0010	SUBMIT SHOP DRAWINGS AND ORDER LONG LEAD ITEMS - ELEVATOR																			
	0050	SUBMIT SHOP DRAWINGS AND ORDER LONG LEAD ITEMS - PLUMBING				EA						EA									
01 11 31.75	0010	SUBMIT SHOP DRAWINGS AND ORDER LONG LEAD ITEMS - ELECTRIC																			
	2000	SUBMIT SHOP DRAWINGS AND ORDER LONG LEAD ITEMS - HVAC				EA						EA									
01 56 00		TEMPORARY BARRIERS AND ENCLOSURES																			
01 56 26.50	0010	TEMPRARY FENCING																			
	0100	CHAIN LINK, 11 GA., 6' HIGH	2 CLAB	300.00	0.05	L.F.	\$4.68	\$2.19	\$6.87	\$8.45	200.00	L.F.	\$ 936.00	\$ 438.00		\$ 1,374.00	\$ 1,690.00				
01 58 00		PROJECT IDENTIFICATION																			
01 58 13.50	0010	SIGNS																			
	0020	HIGH INTENSITY REFLECTORIZED, NO POSTS, BUY				EA	\$25.50		\$25.50	\$28.00	15.00	EA	\$ 382.50	\$ -		\$ 382.50	\$ 420.00				
01 74 00		CLEANING AND WASTE MANAGEMENT																			
01 74 13.20	0010	CLEANING UP																			
	0020	AFTER COMPLETION, ALLOW, MINIMUM				JOB			0.30%	0.30%		JOB									
TOTALS													\$ 1,318.50	\$ 438.00	\$ 1,756.50	\$ 2,110.00					
02 00 00		EXISTING CONDITIONS																			
02 41 00		DEMOLITION																			
02 41 13.17	0010	DEMOLISH, REMOVE PAVEMENT AND CURB																			
	5050	PAVEMENT REMOVAL, BITUMINOUS ROADS, 4" -6" THICK	B-38	420.00	0.10	S.Y.	\$4.42	\$2.67	\$7.09	\$9.60	1,000.00	S.Y.	\$0.00	\$ 4,420.00	\$2670.00	\$ 7,090.00	\$ 9,600.00	10.58	422.22		
02 41 16.13	0010	BUILDING DEMOLITION																			
	0011	NO FOUNDATION OR DUMP FEES, C.F. IS VOL. OF BUILDING STANDING																			
	0100	MIXTURE OF TYPES	B-8	20,100.00	0.00	C.F.	\$0.15	\$0.15	\$0.30	\$0.39	100.00	C.F.	\$0.00	\$ 15.00	\$15.00	\$ 30.00	\$ 39.00	79.20	4776.00		
02 41 16.17	0010	BUILDING DEMOLITION OF COOLING TOWER																			
	0200	FLOORS, CONCRETE SLAB ON GRADE																			
	0400	6" THICK, PLAIN CONCRETE	B-13L	4,000.00	0.00	S.F.	\$0.23	\$0.50	\$0.73	\$0.90	10,000.00	S.F.	\$0.00	\$ 2,300.00	\$5000.00	\$ 7,300.00	\$ 9,000.00	12.25	196.00		
02 41 16.17	0010	BUILDING DEMOLITION OF RETAINING WALL																			
	1000	CONCRETE, 1' THICK, 5' WIDE	B-13L	300.00	0.05	L.F.	\$3.06	\$6.65	\$9.71	\$11.90	200.00	L.F.	\$0.00	\$ 612.00	\$1330.00	\$ 1,942.00	\$ 2,380.00	1.33	21.20		
TOTALS													\$ 0.00	\$ 7347.00	\$ 9015.00	\$ 16362.00	\$ 21019.00	107.54	5675.42		
03 00 00		CONCRETE																			
03 11 00		CONCRETE FORMING																			
03 11 13.40	0010	FORM IN PLACE, EQUIPMENT FOUNDATIONS																			
	0020	1 USE	C-2	160.00	0.30	SFCA	\$2.99	\$15.05	\$18.04	\$26.50	1.00	SFCA	\$ 2.99	\$ 15.05	\$0.00	\$ 18.04	\$ 26.50	0.63	30.00		
03 11 13.45	0010	FORM IN PLACE, FOOTINGS																			
	0020	CONTINUOUS WALL, PLYWOOD, 1 USE	C-1	375.00	0.09	SFCA	\$7.00	\$4.18	\$11.18	\$14.05	550.00	SFCA	\$ 3850.00	\$ 2,299.00	\$0.00	\$ 6,149.00	\$ 7,727.50	0.53	17.00		
03 11 13.50	0010	FORM IN PLACE, GRADE BEAM																			
	0020	JOB-BUILT PLYWOOD, 1 USE	C-2	290.00	0.17	SFCA	\$3.07	\$8.30	\$11.37	\$15.95	1,000.00	SFCA	\$ 3070.00	\$ 8,300.00	\$0.00	\$ 11,370.00	\$ 15,950.00	17.24	830.00		
03 11 13.65	0010	FORMS IN PLACE, SLAB ON GRADE																			
	3000	EDGE FORMS, WOOD, 4 USE, ON GRADE, TO 6" HIGH	C-1	275.00	0.12	L.F.	\$0.31	\$2.61	\$2.92	\$4.29	4,500.00	L.F.	\$ 1395.00	\$ 11,745.00	\$0.00	\$ 13,140.00	\$ 19,305.00	14.55	464.00		
03 11 13.85	0010	FORMS IN PLACE, WALLS																			
	4200	BELOW GRADE, JOB-BUILT PLYWOOD, 1 USE	C-2	225.00	0.21	SFCA	\$2.93	\$10.70	\$13.63	\$19.40	300.00	SFCA	\$ 879.00	\$ 3,210.00	\$0.00	\$ 4,089.00	\$ 5,820.00	0.13	6.39		
03 15 00		CONCRETE ACCESSORIES																			
03 15 16.20	0010	CONTROL JOINTS, SAW CUT																			
	0180	SAWCUT JOINT RESERVOIR IN CURED CONCRETE																			
	0182	3/8" WIDE X 3/4" DEEP, WITH SINGLE SAW BLADE	C-27	1,000.00	0.02	L.F.	\$0.05	\$0.78	\$0.11	\$0.94	2,000.00	L.F.	\$ 100.00	\$ 1,560.00	\$220.00	\$ 1,880.00	\$ 2,680.00	6.00	96.00		

50 17 14	0200	Counseling Services:				S.F.	\$15.40			\$15.40	\$15.40	7,000	S.F.	\$ 107,800.00			\$107800.00	\$107800.00		0.00	
50 17 24	0200	All Departments:				S.F.	\$15.10			\$15.10	\$15.10	7,000	S.F.	\$ 105,700.00			\$105700.00	\$105700.00		0.00	
														TOTALS	357,000.00	357,000.00	357,000.00	357,000.00	0.00	0.00	
22 00 00 PLUMBING																					
50 17 10	0200	(HPW) & (CRC):				S.F.	\$20.50			\$20.50	\$20.50	7,000	S.F.	\$ 143,500.00			\$143500.00	\$41000.00		0.00	
50 17 14	0200	Counseling Services:				S.F.	\$15.40			\$15.40	\$15.40	7,000	S.F.	\$ 107,800.00			\$107800.00	\$15400.00		0.00	
50 17 24	0200	All Departments:				S.F.	\$15.10			\$15.10	\$15.10	7,000	S.F.	\$ 105,700.00			\$105700.00	\$37750.00		0.00	
51 17 24	0200	NEW COOLING TOWER				EA				\$90,000		1	EA					90000			
														TOTALS	357,000.00	357,000.00	184,150.00	0.00	0.00		
23 00 00 HEATING, VENTILATION, & AIR CONDITIONING																					
50 17 10	0300	(HPW) & (CRC):				S.F.	\$45.00			\$45.00	\$45.00	7,000	S.F.	\$ 315,000.00			\$315000.00	\$315000.00		0.00	
15 17 14	0300	Counseling Services:				S.F.	\$25.50			\$25.50	\$25.50	7,000	S.F.	\$ 178,500.00			\$178500.00	\$178500.00		0.00	
50 17 24	0300	All Departments:				S.F.	\$45.00			\$45.00	\$45.00	7,000	S.F.	\$ 315,000.00			\$315000.00	\$315000.00		0.00	
														TOTALS	808,500.00	808,500.00	808,500.00	0.00	0.00		
26 00 00 ELECTRICAL																					
50 17 10	0400	(HPW) & (CRC):				S.F.	\$36.50			\$36.50	\$36.50	7,000	S.F.	\$ 255,500.00			\$255500.00	\$255500.00		0.00	
50 17 14	0400	Counseling Services:				S.F.	\$34.00			\$34.00	\$34.00	7,000	S.F.	\$ 238,000.00			\$238000.00	\$238000.00		0.00	
50 17 24	0400	All Departments:				S.F.	\$33.50			\$33.50	\$33.50	7,000	S.F.	\$ 234,500.00			\$234500.00	\$234500.00		0.00	
														TOTALS	728,000.00	728,000.00	728,000.00	0.00	0.00		
27 00 00 COMMUNICATIONS																					
31 00 00 EARTHWORK																					
31 14 00 EARTH STRIPPING AND STOCKPILING																					
31 14 13.23	0010	TOPSOIL STRIPPING AND STOCKPILING																			
	0020	200 HP DOZER, IDEAL CONDITIONS	B-10B	2,300.00	0.01	C.Y.		\$0.26	\$0.56	\$0.82	\$1.02	10,000.00	C.Y.	0	\$ 2,600.00	\$5,600.00	\$ 8,200.00	\$ 10,200.00	4.35	50.00	
31 22 00 GRADING																					
31 22 13.20 ROUGH GRADING SITES																					
31 22 13.20	0010	ROUGH GRADING SITES																			
	0130	1,100-3,000 S.F., SKID STEER & LABOR	B-62	1.50	16.00	EA		\$715.00	\$116.00	\$831.00	\$1,200.00	100.00	EA	0	\$ 71,500.00	\$11,600.00	\$ 83,100.00	\$ 120,000.00	400.00	9600.00	
31 22 16.10	0010	FINISH GRADING																			
	0100	FINISH GRADING AREA TO BE PAVED WITH GRADER, LARGE AREA	B-11L	2,000.00	0.01	S.Y.		\$0.38	\$0.33	\$0.71	\$0.94	10,000.00	S.Y.	0	\$ 3,800.00	\$3,300.00	\$ 7,100.00	\$ 9,400.00	15.00	240.00	
31 23 00 EXCAVATION AND FILL																					
31 23 16.13 EXCAVATING, TRENCH																					
31 23 16.13	0010	EXCAVATING, TRENCH																			
	0011	OR CONTINUOUS FOOTING																			
	0020	COMMON EARTH WITH NO SHEETING OR DEWATERING INCLUDED																			
	0050	1' TO 4' DEEP, 3/8 C.Y. EXCAVATOR	B-11C	150.00	0.11	B.C.Y.		\$5.15	\$2.13	\$7.28	\$10.05	1,300.00	B.C.Y.	0	\$ 6,695.00	\$2,769.00	\$ 9,464.00	\$ 13,065.00	8.67	139.10	
31 23 23.13	0010	BACKFILL																			
	0015	BY HAND, NO COMPACTION, LIGHT SOIL	1 CLAB	14.00	0.57	L.C.Y.		\$23.50		\$23.50	\$35.50	400.00	L.C.Y.	0	\$ 9,400.00	\$0.00	\$ 9,400.00	\$ 14,200.00	28.57	228.40	
31 62 00 DRIVEN PILES																					
31 62 13.23 PRESTRESSED CONCRETE PILES																					
31 62 13.23	0010	PRESTRESSED CONCRETE PILES																			
	0020	UNLESS SPECIFIED OTHERWISE, NOT INCL. PILE CAPS OR MOBILIZATION																			
	2200	PRECAST, PRESTRESSED, 50' LONG, CYLINDER, 12" DIAM., 2-3/8" WALL	B-19	720.00	0.09	V.L.F.		\$27.50	\$4.74	\$2.71	\$34.95	\$40.50	10,000.00	V.L.F.	275000	\$ 47,400.00	\$27,100.00	\$ 349,500.00	\$ 405,000.00	41.67	2670.00
														TOTALS	275000	141395	50369	466764	571865	498.26	12927.5
32 00 00 EXTERIOR IMPROVEMENTS																					
32 16 00 CURBS, GUTTERS, SIDEWALKS, AND DRIVEWAYS																					
32 16 13.13	0010	CAST-IN-PLACE CONCRETE CURBS AND GUTTERS																			
	0290	FORMS ONLY, NO CONCRETE																			
	0300	CONCRETE, WOOD FORMS, 6" X 18", STRAIGHT	C-2	500.00	0.10	L.F.		\$3.00	\$4.82	\$7.82	\$10.60	2,500.00		7500	\$ 12,050.00	\$0.00	\$ 19,550.00	\$ 26,500.00	6.00	288.00	
														TOTALS	7500	12050	0	19550	26500	6	288

FINAL TOTALS:		TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL EQUIPMENT	TOTAL JOB COST	TOTAL JOB O & P
		\$ 4,229,863.75	\$ 2,108,420.00	\$ 480,736.88	\$ 5,407,980.44	\$ 6,612,549.91

Parking Garage/Retail Space

CAST-IN-PLACE CONCRETE

												COST AND LABOR ESTIMATE							
CSI NUMBER	EXT	NAME	CREW	DAILY OUTPUT	LABOR HOURS	UNIT	BARE COST				TOTAL O & P	QUANTITY	UNIT	JOB COST			JOB LABOR		
							MATERIAL	LABOR	EQUIPMENT	TOTAL				TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL EQUIPMENT	TOTAL JOB COST	TOTAL JOB O & P	DAYS PER TASK
01 00 00		GENERAL REQUIREMENTS																	
01 11 00		SUMMARY OF WORK																	
01 11 31.10	0010	RECEIVE NOTICE TO PROCEED																	
	0060	SIGN CONTRACT				PROJECT						PROJECT							
01 11 31.20	0010	SUBMIT BOND																	
	0350	INSURANCE DOCUMENTS				PROJECT						PROJECT							
01 11 31.20	0010	PREPARATION																	
	0020	SUBMIT PROJECT SCHEDULE				PROJECT						PROJECT							
01 11 31.20	0010	PREPARATION																	
	0200	SUBMIT SCHEDULE OF VALUES				CONTRACT						CONTRACT							
01 11 31.20	0010	PREPARATION																	
	0400	OBTAIN BUILDING PERMITS				CONTRACT						CONTRACT							
01 11 31.20	0010	PREPARATION																	
	0600	SHOP DRAWINGS				CONTRACT						CONTRACT							
01 11 31.20	0010	SUBMIT PRELIMINARY SHOP DRAWINGS																	
	0800	REQUESTS				CONTRACT						CONTRACT							
01 11 31.20	0010	SUBMIT MONTHLY REQUESTS FOR PAYMENTS																	
01 11 31.20	0010	SUBMIT SHOP DRAWINGS AND ORDER LONG LEAD ITEMS - STEEL																	
	1200	SUBMIT SHOP DRAWINGS AND ORDER LONG LEAD ITEMS - ROOFING				PROJECT						PROJECT							
01 11 31.75	0010	SUBMIT SHOP DRAWINGS AND ORDER LONG LEAD ITEMS - ELEVATOR																	
	0050	SUBMIT SHOP DRAWINGS AND ORDER LONG LEAD ITEMS - PLUMBING				EA						EA							
01 11 31.75	0010	SUBMIT SHOP DRAWINGS AND ORDER LONG LEAD ITEMS - ELECTRIC																	
	2000	SUBMIT SHOP DRAWINGS AND ORDER LONG LEAD ITEMS - HVAC				EA						EA							
01 56 00		TEMPORARY BARRIERS AND ENCLOSURES																	
01 56 26.50	0010	TEMPRARY FENCING																	
	0100	CHAIN LINK, 11 GA., 6' HIGH	2 CLAB	300.00	0.05	L.F.	\$4.68	\$2.19	\$6.87	\$8.45	200.00	L.F.	\$ 936.00	\$ 438.00		\$ 1,374.00	\$ 1,690.00		
01 58 00		PROJECT IDENTIFICATION																	
01 58 13.50	0010	SIGNS																	
	0020	HIGH INTENSITY REFLECTORIZED, NO POSTS, BUY				EA	\$25.50		\$25.50	\$28.00	15.00	EA	\$ 382.50	\$ -		\$ 382.50	\$ 420.00		
01 74 00		CLEANING AND WASTE MANAGEMENT																	
01 74 13.20	0010	CLEANING UP																	
	0020	AFTER COMPLETION, ALLOW, MINIMUM				JOB			0.30%	0.30%		JOB							
												TOTALS	\$ 1,318.50	\$ 438.00		\$ 1,756.50	\$ 2,110.00		
02 00 00		EXISTING CONDITIONS																	
02 41 00		DEMOLITION																	
02 41 13.17	0010	DEMOLISH, REMOVE PAVEMENT AND CURB																	
	5050	PAVEMENT REMOVAL, BITUMINOUS ROADS, 4" -6" THICK	B-38	420.00	0.10	S.Y.	\$4.42	\$2.67	\$7.09	\$9.60	1,000.00	S.Y.	\$0.00	\$ 4,420.00	\$2670.00	\$ 7,090.00	\$ 9,600.00	10.58	422.22
02 41 16.13	0010	BUILDING DEMOLITION																	
	0011	NO FOUNDATION OR DUMP FEES, C.F. IS VOL. OF BUILDING STANDING																	
	0100	MIXTURE OF TYPES	B-8	20,100.00	0.00	C.F.	\$0.15	\$0.15	\$0.30	\$0.39	100.00	C.F.	\$0.00	\$ 15.00	\$15.00	\$ 30.00	\$ 39.00	79.20	4776.00
02 41 16.17	0010	BUILDING DEMOLITION OF COOLING TOWER																	
	0200	FLOORS, CONCRETE SLAB ON GRADE																	
	0400	6" THICK, PLAIN CONCRETE	B-13L	4,000.00	0.00	S.F.	\$0.23	\$0.50	\$0.73	\$0.90	10,000.00	S.F.	\$0.00	\$ 2,300.00	\$5000.00	\$ 7,300.00	\$ 9,000.00	12.25	196.00
02 41 16.17	0010	BUILDING DEMOLITION OF RETAINING WALL																	
	1000	CONCRETE, 1' THICK, 5' WIDE	B-13L	300.00	0.05	L.F.	\$3.06	\$6.65	\$9.71	\$11.90	200.00	L.F.	\$0.00	\$ 612.00	\$1330.00	\$ 1,942.00	\$ 2,380.00	1.33	21.20
												TOTALS	\$ 0.00	\$ 7347.00	\$ 9015.00	\$ 16362.00	\$ 21019.00	107.54	5675.42
03 00 00		CONCRETE																	
03 11 00		CONCRETE FORMING																	
03 11 13.40	0010	FORM IN PLACE, EQUIPMENT FOUNDATIONS																	
	0020	1 USE	C-2	160.00	0.30	SFCA	\$2.99	\$15.05	\$18.04	\$26.50	1.00	SFCA	\$ 2.99	\$ 15.05	\$0.00	\$ 18.04	\$ 26.50	0.63	30.00
03 11 13.45	0010	FORM IN PLACE, FOOTINGS																	
	0020	CONTINUOUS WALL, PLYWOOD, 1 USE	C-1	375.00	0.09	SFCA	\$7.00	\$4.18	\$11.18	\$14.05	550.00	SFCA	\$ 3850.00	\$ 2,299.00	\$0.00	\$ 6,149.00	\$ 7,727.50	0.53	17.00
03 11 13.50	0010	FORM IN PLACE, GRADE BEAM																	
	0020	JOB-BUILT PLYWOOD, 1 USE	C-2	290.00	0.17	SFCA	\$3.07	\$8.30	\$11.37	\$15.95	1,000.00	SFCA	\$ 3070.00	\$ 8,300.00	\$0.00	\$ 11,370.00	\$ 15,950.00	17.24	830.00
03 11 13.65	0010	FORMS IN PLACE, SLAB ON GRADE																	
	3000	EDGE FORMS, WOOD, 4 USE, ON GRADE, TO 6" HIGH	C-1	275.00	0.12	L.F.	\$0.31	\$2.61	\$2.92	\$4.29	4,500.00	L.F.	\$ 1395.00	\$ 11,745.00	\$0.00	\$ 13,140.00	\$ 19,305.00	14.55	464.00
03 11 13.85	0010	FORMS IN PLACE, WALLS																	
	4200	BELOW GRADE, JOB-BUILT PLYWOOD, 1 USE	C-2	225.00	0.21	SFCA	\$2.93	\$10.70	\$13.63	\$19.40	300.00	SFCA	\$ 879.00	\$ 3,210.00	\$0.00	\$ 4,089.00	\$ 5,820.00	0.13	6.39







































Ogletree,Jack Final Cost estimate

ID	Task Mode	WBS	Task Name	Duration	Start	Finish
1			1 Parking Garage/Retail Space	552.93 days?	Thu 3/25/21	Mon 5/8/23
2		01 00 00	GENERAL REQUIREMENTS	26 days	Thu 3/25/21	Thu 4/29/21
3		01 11 00	SUMMARY OF WORK	1 day	Thu 3/25/21	Thu 3/25/21
4		01 11 31.10	RECIEVE NOTICE TO PROCEED	1 day	Thu 3/25/21	Thu 3/25/21
5		1.1.1.2	SIGN CONTRACT	1 day	Thu 3/25/21	Thu 3/25/21
6		01 11 31.20	SUMBIT BOND	1 day	Thu 3/25/21	Thu 3/25/21
7		1.1.1.4	INSURANCE DOCUMENTS	1 day	Thu 3/25/21	Thu 3/25/21
8		01 11 31.20	PREPARATION	1 day	Thu 3/25/21	Thu 3/25/21
9		1.1.1.6	SUMBIT PROJECT SCHEDULE	1 day	Thu 3/25/21	Thu 3/25/21
10		01 11 31.20	PREPARATION	1 day	Thu 3/25/21	Thu 3/25/21
11		1.1.1.8	SUBMIT SCHEDULE OF VALUES	1 day	Thu 3/25/21	Thu 3/25/21
12		01 11 31.20	PREPARATION	1 day	Thu 3/25/21	Thu 3/25/21
13		1.1.1.10	OBTAIN BUILDING PERMITS	1 day	Thu 3/25/21	Thu 3/25/21
14		01 11 31.20	PREPARATION	1 day	Thu 3/25/21	Thu 3/25/21
15		1.1.1.12	SHOP DRAWINGS	1 day	Thu 3/25/21	Thu 3/25/21
16		01 11 31.20	SUBMIT PRELIMINARY SHOP DRAWINGS	1 day	Thu 3/25/21	Thu 3/25/21
17		1.1.1.14	REQUESTS	1 day	Thu 3/25/21	Thu 3/25/21
18		01 11 31.20	SUBMIT MONTHLY REQUESTS FOR PAYMENTS	1 day	Thu 3/25/21	Thu 3/25/21
19		1.1.1.16	SUMBIT SHOP DRAWINGS AND ORDER LONG LEAD ITEMS - STEEL	1 day	Thu 3/25/21	Thu 3/25/21
20		01 11 31.20	SUMBIT SHOP DRAWINGS AND ORDER LONG LEAD ITEMS - ROOFING	1 day	Thu 3/25/21	Thu 3/25/21
21		1.1.1.18	SUMBIT SHOP DRAWINGS AND ORDER LONG LEAD ITEMS - ELEVATOR	1 day	Thu 3/25/21	Thu 3/25/21
22		01 11 31.75	SUMBIT SHOP DRAWINGS AND ORDER LONG LEAD ITEMS - PLUMBING	1 day	Thu 3/25/21	Thu 3/25/21
23		1.1.1.20	SUMBIT SHOP DRAWINGS AND ORDER LONG LEAD ITEMS - ELECTRIC	1 day	Thu 3/25/21	Thu 3/25/21
24		1.1.1.20	SUMBIT SHOP DRAWINGS AND ORDER LONG LEAD ITEMS - HVAC	1 day	Thu 3/25/21	Thu 3/25/21
25		01 41 00	REGULATORY REQUIREMENTS	1 day	Thu 3/25/21	Thu 3/25/21
26		01 41 26.10	PERMITS	1 day	Thu 3/25/21	Thu 3/25/21
27		1.1.2.2	RULE OF THUMB, MOST CITIES, MINIMUM	1 day	Thu 3/25/21	Thu 3/25/21
28		01 56 00	TEMPORARY BARRIERS AND ENCLOSURES	1 day	Fri 3/26/21	Fri 3/26/21
29		01 56 26.50	TEMPRARY FENCING	1 day	Fri 3/26/21	Fri 3/26/21
30		1.1.3.2	CHAIN LINK, 11 GA., 6' HIGH	0.05 days	Fri 3/26/21	Fri 3/26/21
31		01 58 00	PROJECT IDENTIFICATION	1 day	Mon 3/29/21	Mon 3/29/21
32		01 58 13.50	SIGNS	1 day	Mon 3/29/21	Mon 3/29/21
33		1.1.4.2	HIGH INTENSITY REFLECTORIZED, NO POSTS, BUY	1 day	Mon 3/29/21	Mon 3/29/21
34		01 74 00	CLEANING AND WASTE MANAGEMENT	1 day	Tue 3/30/21	Tue 3/30/21
35		01 74 13.20	CLEANING UP	1 day	Tue 3/30/21	Tue 3/30/21
36		1.1.5.2	AFTER COMPLETION, ALLOW, MINIMUM	1 day	Tue 3/30/21	Tue 3/30/21
37		02 00 00	EXISTING CONDITIONS	1 day	Wed 3/31/21	Wed 3/31/21
38		02 41 00	DEMOLITION	1 day	Wed 3/31/21	Wed 3/31/21
39		02 41 13.17	DEMOLISH, REMOVE PAVEMENT AND CURB	1 day	Wed 3/31/21	Wed 3/31/21
40		1.2.1.2	PAVEMENT REMOVAL, BITUMINOUS ROADS, 4" -6" THICK	0.1 days	Wed 3/31/21	Wed 3/31/21
41		02 41 16.13	BUILDING DEMOLITION	1 day	Wed 3/31/21	Wed 3/31/21
42		1.2.1.4	NO FOUNDATION OR DUMP FEES, C.F. IS VOL. OF BUILDING STANDING	1 day	Wed 3/31/21	Wed 3/31/21
43		1.2.1.5	MIXTURE OF TYPES	0 days	Wed 3/31/21	Wed 3/31/21

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ID	Task Mode	WBS	Task Name	Duration	Start	Finish
44		02 41 16.17	BUILDING DEMOLITION OF COOLING TOWER	1 day	Wed 3/31/21	Wed 3/31/21
45		1.2.1.7	FLOORS, CONCRETE SLAB ON GRADE	1 day	Wed 3/31/21	Wed 3/31/21
46		1.2.1.8	6" THICK, PLAIN CONCRETE	0 days	Wed 3/31/21	Wed 3/31/21
47		02 41 16.17	BUILDING DEMOLITION OF RETAINING WALL	1 day	Wed 3/31/21	Wed 3/31/21
48		1.2.1.10	FOOTINGS, CONCRETE, 1' THICK, 2' WIDE	0.05 days	Wed 3/31/21	Wed 3/31/21
49		03 00 00	CONCRETE	45.21 days?	Thu 4/1/21	Thu 6/3/21
50		36596	CONCRETE FORMING	1 day	Thu 4/1/21	Thu 4/1/21
51		03 11 13.40	FORM IN PLACE, EQUIPMENT FOUNDATIONS	1 day	Thu 4/1/21	Thu 4/1/21
52		1.3.1.2	1 USE	0.3 days	Thu 4/1/21	Thu 4/1/21
53		03 11 13.45	FORM IN PLACE, FOOTINGS	1 day	Thu 4/1/21	Thu 4/1/21
54		1.3.1.4	CONTINUOUS WALL, PLYWOOD, 1 USE	0.09 days	Thu 4/1/21	Thu 4/1/21
55		03 11 13.50	FORM IN PLACE, GRADE BEAM	1 day	Thu 4/1/21	Thu 4/1/21
56		1.3.1.6	JOB-BUILT PLYWOOD, 1 USE	0.17 days	Thu 4/1/21	Thu 4/1/21
57		03 11 13.65	FORMS IN PLACE, SLAB ON GRADE	1 day	Thu 4/1/21	Thu 4/1/21
58		1.3.1.8	EDGE FORMS, WOOD, 4 USE, ON GRADE, TO 6" HIGH	0.12 days	Thu 4/1/21	Thu 4/1/21
59		03 11 13.85	FORMS IN PLACE, WALLS	1 day	Thu 4/1/21	Thu 4/1/21
60		1.3.1.10	BELOW GRADE, JOB-BUILT PLYWOOD, 1 USE	0.21 days	Thu 4/1/21	Thu 4/1/21
61		36600	CONCRETE ACCESSORIES	1.79 days	Thu 4/1/21	Fri 4/2/21
62		03 15 16.20	CONTROL JOINTS, SAW CUT	1 day	Thu 4/1/21	Fri 4/2/21
63		1.3.2.2	SAWCUT JOINT RESERVOIR IN CURED CONCRETE	1 day	Fri 4/2/21	Fri 4/2/21
64		1.3.2.3	3/8" WIDE X 3/4" DEEP, WITH SINGLE SAW BLADE	0.02 days	Fri 4/2/21	Fri 4/2/21
65		03 15 16.30	EXPANSION JOINT	1 day	Fri 4/2/21	Fri 4/2/21
66		1.3.2.5	KEYED, POLYURETHANE, POURED, 2 PART, 1/2" X 1"	0.02 days	Fri 4/2/21	Fri 4/2/21
67		03 15 19.05	ANCHOR BOLT ACCESSORIES	1 day	Fri 4/2/21	Fri 4/2/21
68		1.3.2.7	ANCHOR BOLT SLEEVE, PLASTIC, 1-1/2" DIAMETER BOLTS	0.29 days	Fri 4/2/21	Fri 4/2/21
69		03 15 19.10	ANCHOR BOLTS	1 day	Fri 4/2/21	Fri 4/2/21
70		1.3.2.9	L-TYPE, INCL. HEX NUT & WASHER, 1-1/2" DIAMETER X 24" LONG	0.5 days	Thu 4/1/21	Thu 4/1/21
71		36606	REINFORCEMENT BARS	21.29 days	Thu 4/1/21	Fri 4/30/21
72		03 21 05.10	REBAR ACCESSORIES	1 day	Thu 4/1/21	Fri 4/2/21
73		1.3.3.2	BEAM BOLSTERS (BB), LOWER, HIGH CHAIRS, INDIVIDUAL (HC), 3" HIGH, PLASTIC TIPPED LEGS	1 day	Mon 4/5/21	Mon 4/5/21
74		03 21 11.60	REINFORCING IN PLACE	1 day	Mon 4/5/21	Mon 4/5/21
75		1.3.3.4	BEAMS & GIRDERS, #3 TO #7	20 days	Mon 4/5/21	Fri 4/30/21
76		03 21 11.60	REINFORCING IN PLACE	1 day	Mon 4/5/21	Mon 4/5/21
77		1.3.3.6	ELEVATED SLABS, #4 TO #7	11.03 days	Mon 4/5/21	Tue 4/20/21
78		03 21 11.60	REINFORCING IN PLACE	1 day	Mon 4/5/21	Mon 4/5/21
79		1.3.3.8	FOOTINGS, #4 TO #7	15.24 days	Mon 4/5/21	Mon 4/26/21
80		03 21 11.60	REINFORCING IN PLACE	1 day	Mon 4/5/21	Mon 4/5/21
81		1.3.3.10	SLAB ON GRADE, #3 TO #7	13.91 days	Mon 4/5/21	Thu 4/22/21
82		03 21 11 60	REINFORCING IN PLACE	1 day	Mon 4/5/21	Mon 4/5/21
83		1.3.3.12	WALLS, #3 TO #7	10.67 days	Thu 4/1/21	Fri 4/16/21
84		03 35 00	CONCRETE FINISHING	22.05 days	Fri 4/16/21	Tue 5/18/21
85		03 35 43.10	POLISHED CONCRETE FLOORS	1 day	Fri 4/16/21	Mon 4/19/21
86		1.3.4.2	POLISHING AND EDGING, DRY, INCLUDING DRY VAC PICK-UP AND HAND	1 day	Mon 5/3/21	Mon 5/3/21













































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ID		Task Mode	WBS	Task Name	Duration	Start	Finish
87			1.3.4.3	SWEEPING BETWEEN GRIT CHANGES	1 day	Mon 5/3/21	Mon 5/3/21
88			1.3.4.4	800-GRIT DIAMOND/RESIN MATRIX	11.43 days	Mon 5/3/21	Tue 5/18/21
89			1.3.4.5	1500-GRIT DIAMOND/RESIN MATRIX	11.43 days	Mon 5/3/21	Tue 5/18/21
90			1.3.4.6	3000-GRIT DIAMOND/RESIN MATRIX	11.43 days	Mon 5/3/21	Tue 5/18/21
91			1.3.4.7	AUTO SCRUBBING AFTER FINAL POLISHING STEP	0.5 days	Fri 4/16/21	Fri 4/16/21
92			03 45 00	PRECAST ARCHITECTURAL CONCRETE	31.15 days?	Fri 4/16/21	Tue 6/1/21
93			03 45 13.50	PRECAST WALL PANELS (NO BRICK)	1 day	Tue 5/18/21	Wed 5/19/21
94			03 45 13.50	UNINSULATED, SMOOTH GRAY	1 day	Tue 5/18/21	Wed 5/19/21
95			03 45 13.50	LOW RISE, 4.5' X 12.5' X 5" THICK	0.23 days	Tue 5/18/21	Tue 5/18/21
96			03 45 13.50	INSULATED PANEL, 2" POLYSTYRENE, ADD	1 day	Tue 5/18/21	Wed 5/19/21
97			03 45 13.50	PRECAST	1 day?	Tue 5/18/21	Wed 5/19/21
98			03 45 13.50	DOUBLE TEE BEAMS (3500 PSI), 5 KIP/L.F., 25' SPAN	10.78 days	Fri 4/16/21	Mon 5/3/21
99			03 45 13.50	PRECAST	1 day?	Tue 5/18/21	Wed 5/19/21
100			03 45 13.50	ELEVATED SLABS, FLAT PLATE, INCLUDING FINISH, REGULAR CONCRETE (4000 PSI), 4" SLAB	0.02 days	Tue 5/18/21	Tue 5/18/21
101			03 45 13.50	PRECAST	1 day?	Tue 5/18/21	Wed 5/19/21
102			03 45 13.50	EQUIPMENT PAD (3000 PSI), 10' X 10' X 12" THICK	9.6 days	Tue 5/18/21	Tue 6/1/21
103			03 45 13.50	PRECAST	1 day?	Tue 5/18/21	Wed 5/19/21
104			03 45 13.50	FOOTINGS (3000 PSI), SPREAD 1 C.Y. TO 5 C.Y.	2.61 days	Tue 5/18/21	Fri 5/21/21
105			03 45 13.50	PRECAST	1 day?	Tue 5/18/21	Wed 5/19/21
106			03 45 13.50	SLAB ON GRADE (3500 PSI), INCL. TROWELED FINISH, NOT INCL. FORMS	1 day?	Tue 5/18/21	Wed 5/19/21
107			03 45 13.50	OR REINFORCING, OVER 10,000 S.F., 6" THICK	0.02 days	Tue 5/18/21	Tue 5/18/21
108			03 45 13.50	PRECAST	1 day?	Tue 5/18/21	Wed 5/19/21
109			03 45 13.50	RETAINING WALLS (3000 PSI), GRAVITY, 10' HIGH	1.6 days	Tue 5/18/21	Thu 5/20/21
110			03 45 13.50	PRECAST	1 day?	Tue 5/18/21	Wed 5/19/21
111			03 45 13.50	STAIRS (3500 PSI), NOT INCLUDING SAFETY TREADS, FREE STANDING, 3' -6" WIDE	0.58 days	Tue 5/18/21	Wed 5/19/21
112			03 45 13.50	PRECAST	1 day?	Tue 5/18/21	Wed 5/19/21
113			03 45 13.50	STAIR LANDINGS, FREE STANDING	0.24 days	Fri 4/16/21	Mon 4/19/21
114			03 62 00	NON-SHRINK GROUTING	33.09 days	Mon 4/19/21	Thu 6/3/21
115			03 62 13.50	GROUT, NON-METALLIC NON-SHRINK	1 day	Wed 6/2/21	Thu 6/3/21
116			1.3.6.2	NON-SHRINK , NON-METALLIC, 1" DEEP	0.23 days	Mon 4/19/21	Mon 4/19/21
117			04 00 00	MASONRY	33.86 days	Mon 4/19/21	Fri 6/4/21
118			36638	CONCRETE UNIT MASONRY	33.86 days	Mon 4/19/21	Fri 6/4/21
119			04 22 10.34	CONCRETE BLOCK, PARTITIONS	1 day	Thu 6/3/21	Fri 6/4/21
120			1.4.1.2	REGULAR BLOCK, TOOLED JOINTS, 2 SIDES, HOLLOW	1 day	Thu 6/3/21	Fri 6/4/21
121			1.4.1.3	NOT REINFORCED, 8" X 16" X 8" THICK	0.11 days	Mon 4/19/21	Mon 4/19/21
122			05 00 00	METALS	39.75 days	Mon 4/19/21	Mon 6/14/21
123			36658	STRUCTURAL STEEL FRAMING	34.75 days	Mon 4/19/21	Mon 6/7/21
124			05 12 23.17	COLUMNS, STRUCTURAL	1 day	Fri 6/4/21	Mon 6/7/21
125			1.5.1.2	W SHAPE, A992 STEEL, 2 TIER, W8 X 48	0.05 days	Fri 6/4/21	Fri 6/4/21
126			05 12 23.75	STRUCTURAL STEEL MEMBERS	1 day	Fri 6/4/21	Mon 6/7/21
127			1.5.1.4	W16 X 50	0.07 days	Mon 4/19/21	Mon 4/19/21
128			36667	STEEL JOIST FRAMING	35.68 days	Mon 4/19/21	Tue 6/8/21
129			05 21 19.10	OPEN WEB JOISTS	1 day	Mon 6/7/21	Tue 6/8/21













































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ID		Task Mode	WBS	Task Name	Duration	Start	Finish
130			1.5.2.2	K SERIES, 30' TO 50' SPANS, 30K12, 17.6 LB./L.F.	0.03 days	Mon 4/19/21	Mon 4/19/21
131			36677	STEEL DECKING	36.65 days	Mon 4/19/21	Wed 6/9/21
132			05 31 33.50	FORM DECKING	1 day	Tue 6/8/21	Wed 6/9/21
133			1.5.3.2	MADE FROM RECYCLED MATERIAL	1 day	Tue 6/8/21	Wed 6/9/21
134			1.5.3.3	SLAB FORM, STEEL, 22 GA., 2" DEEP, GALVANIZED	0.01 days	Mon 4/19/21	Mon 4/19/21
135			05 44 00	COLD-FORMED METAL TRUSSES	37.64 days	Mon 4/19/21	Thu 6/10/21
136			05 42 23.60	FRAMING, ROOF RAFTERS	1 day	Wed 6/9/21	Thu 6/10/21
137			1.5.4.2	12"DEEP	1.07 days	Mon 4/19/21	Tue 4/20/21
138			05 51 00	METAL STAIRS	37.57 days	Tue 4/20/21	Fri 6/11/21
139			05 51 13.50	PAN STAIRS, SHOP FABRICATED, STEEL STRINGERS	1 day	Thu 6/10/21	Fri 6/11/21
140			1.5.5.2	METAL PAN TREAD FOR CONCRETE IN-FILL, PICKET RAIL 3' -6" WIDE	0.91 days	Thu 6/10/21	Fri 6/11/21
141			05 51 13.50	PAN STAIRS, SHOP FABRICATED, STEEL STRINGERS	1 day	Thu 6/10/21	Fri 6/11/21
142			1.5.5.4	LANDING, STEEL PAN, CONVENTIONAL	0.2 days	Tue 4/20/21	Tue 4/20/21
143			05 52 00	METAL RAILINGS	38.37 days	Tue 4/20/21	Mon 6/14/21
144			05 52 13.50	RAILING, PIPE	1 day	Fri 6/11/21	Mon 6/14/21
145			1.5.6.2	WALL RAIL, ALUM. PIPE, 1-1/4" DIAM., SATIN FINISH	0.15 days	Fri 6/11/21	Fri 6/11/21
146			1.5.6.3	FOR SLOPED RAILS FOR STAIRS, ADD	1 day	Tue 4/20/21	Wed 4/21/21
147			06 00 00	WOOD, PLASTICS, AND COMPOSITS	58.14 days	Wed 4/21/21	Mon 7/12/21
148			06 00 00	WOOD FRAMING	1 day	Mon 6/14/21	Tue 6/15/21
149			1.6.1.1	DIMENSION LUMBER			
150			1.6.1.1	1' X 6'			
151			1.6.1.1	2' X 3'	1 day	Mon 6/14/21	Tue 6/15/21
152			1.6.2	SHEATHING	57.14 days	Wed 4/21/21	Fri 7/9/21
153			1.6.2	GYPSUM SHEATHING	1 day	Wed 4/21/21	Thu 4/22/21
154			1.6.2	GYPSUM, WEATHERPROOF, 1/2" THICK	1 day	Fri 7/9/21	Mon 7/12/21
155			07 00 00	THERMAL & MOISTURE PROTECTION	11.99 days	Fri 7/9/21	Tue 7/27/21
156			36718	DAMPPROOFING	1.99 days	Fri 7/9/21	Tue 7/13/21
157			07 11 13.10	BITUMINOUS ASPHALT COATING	1 day	Mon 7/12/21	Tue 7/13/21
158			1.7.1.2	BRUSHED ON, BELOW GRADE, 1 COAT	0.01 days	Fri 7/9/21	Fri 7/9/21
159			36728	THERMAL INSULATION	2.98 days	Mon 7/12/21	Wed 7/14/21
160			07 21 16.20	BLANKET INSULATION FOR WALLS	1 day	Tue 7/13/21	Wed 7/14/21
161			1.7.2.2	6" THICK, R19, 15" WIDE	0.01 days	Mon 7/12/21	Mon 7/12/21
162			36729	ROOF AND DECK INSULATION	3.97 days	Mon 7/12/21	Thu 7/15/21
163			07 22 16.10	ROOF DECK INSULATION	1 day	Wed 7/14/21	Thu 7/15/21
164			1.7.3.2	60 PSI COMPRESSIVE STRENGTH, TAPERED FOR DRAINAGE	0 days	Mon 7/12/21	Mon 7/12/21
165			36733	VAPOR RETARDERS	4.97 days	Mon 7/12/21	Fri 7/16/21
166			07 26 10.10	VAPOR RETARDERS	1 day	Thu 7/15/21	Fri 7/16/21
167			1.7.4.2	REINF. WATERPROOF, 2 MIL POLYETHYLENE BACKING, 1 SIDE	0.22 days	Mon 7/12/21	Mon 7/12/21
168			07 52 00	GREEN ROOFING SYSTEM	5.75 days	Mon 7/12/21	Mon 7/19/21
169			07 52 13.10	GREEN ROOFING SYSTEM	1 day	Fri 7/16/21	Mon 7/19/21
170			1.7.5.2	SUBSTRATE	0.29 days	Fri 7/16/21	Mon 7/19/21
171			07 52 13.10	GREEN ROOFING SYSTEM	1 day	Fri 7/16/21	Mon 7/19/21
172			1.7.5.4	ST PRIMER & PRODEQ FX400	0.02 days	Fri 7/16/21	Fri 7/16/21

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173			07 52 13.10	GREEN ROOFING SYSTEM	1 day	Fri 7/16/21	Mon 7/19/21
174			1.7.5.6	DB DRAINAGE COMPOSITE	0.04 days	Mon 7/12/21	Mon 7/12/21
175			07 65 00	FLEXIBLE FLASHING	6.71 days	Mon 7/12/21	Tue 7/20/21
176			07 65 10.10	SHEET METAL FLASHING AND COUNTER FLASHING	1 day	Mon 7/19/21	Tue 7/20/21
177			1.7.6.2	INCLUDING UP TO 4 BENDS	1 day	Mon 7/19/21	Tue 7/20/21
178			1.7.6.3	ALUMINUM, MILL FINISH, .013" THICK	0.06 days	Mon 7/19/21	Tue 7/20/21
179			1.7.6.4	PAINTED FINISH, ADD	1 day	Mon 7/12/21	Tue 7/13/21
180			07 71 00	ROOF SPECIALTIES	6.71 days	Tue 7/13/21	Wed 7/21/21
181			07 71 23.10	DOWNSPOUTS	1 day	Tue 7/20/21	Wed 7/21/21
182			1.7.7.2	ALUMINUM, EMBOSSED, .020" THICK, 2" X 3", ENAMELED	0.04 days	Tue 7/20/21	Wed 7/21/21
183			07 71 43.10	DRIP EDGE, RAKE EDGE, ICE BELTS	1 day	Tue 7/20/21	Wed 7/21/21
184			1.7.7.4	ALUMINUM, .016" THICK, 5" WIDE, WHITE FINISH	0.02 days	Tue 7/13/21	Tue 7/13/21
185			07 72 00	ROOF ACCESSORIES	7.69 days	Tue 7/13/21	Thu 7/22/21
186			07 72 23.10	ROOF VENTS	1 day	Tue 7/13/21	Wed 7/14/21
187			1.7.8.2	MUSHROOM SHAPE, FOR BUILT-UP ROOFS, PVC, 6" HIGH	0.27 days	Wed 7/21/21	Thu 7/22/21
188			07 72 33.10	ROOF HATCHES	1 day	Wed 7/21/21	Thu 7/22/21
189			1.7.8.4	2'-6" X 3', GALVANIZED STEEL CURB AND COVER	3.2 days	Tue 7/13/21	Fri 7/16/21
190			07 81 00	APPLIED FIREPROOFING	5.49 days	Fri 7/16/21	Fri 7/23/21
191			07 81 16.10	SPRAYED CEMENTITIOUS FIREPROOFING	1 day	Thu 7/22/21	Fri 7/23/21
192			1.7.9.2	NOT INCLUDING CANVAS PROTECTION, NORMAL DENSITY	1 day	Thu 7/22/21	Fri 7/23/21
193			1.7.9.3	CORRUGATED OR FLUTED DECKS	0.02 days	Fri 7/16/21	Fri 7/16/21
194			07 91 00	PREFORMED JOINT SEALS	6.47 days	Fri 7/16/21	Mon 7/26/21
195			07 9 23.10	BACKER RODS	1 day	Fri 7/23/21	Mon 7/26/21
196			1.7.10.2	BACKER ROD, POLYETHYLENE, 3/4" DIAMETER	1.74 days	Fri 7/16/21	Tue 7/20/21
197			07 92 00	JOINT SEALANTS	1 day	Mon 7/26/21	Tue 7/27/21
198			07 92 13.20	CAULKING AND SEALANT OPTIONS	1 day	Mon 7/26/21	Tue 7/27/21
199			1.7.11.2	POLYURETHANE, 1 OR 2 COMPONENT, BULK, IN PLACE, 3/4" X 3/8"	0.03 days	Mon 7/26/21	Tue 7/27/21
200			08 00 00	OPENINGS	18.31 days	Tue 7/27/21	Fri 8/20/21
201			36749	METAL DOORS AND FRAME	12.31 days	Tue 7/27/21	Thu 8/12/21
202			08 11 16.10	ENTRANCE DOORS	1 day	Tue 7/27/21	Wed 7/28/21
203			1.8.1.2	INCLUDING STANDARD HARDWARE, CLEAR FINISH, NO GLASS	1 day	Tue 7/27/21	Wed 7/28/21
204			1.8.1.3	TOP AND BOTTOM OFFSET PIVOTS, 1/4" BEVELED GLASS STOPS, THRESHOLD	1 day	Tue 7/27/21	Wed 7/28/21
205			1.8.1.4	DEAD BOLT LOCK WITH INSIDE THUMB SCREW, STANDARD PUSH PULL	1 day	Tue 7/27/21	Wed 7/28/21
206			1.8.1.5	6'-0" X 7'-0" OPENING	12.31 days	Tue 7/27/21	Thu 8/12/21
207			1.8.1.6	CONCEALED PANIC DEVICE, ADD	1 day	Tue 7/27/21	Wed 7/28/21
208			1.8.1.7	ELECTRIC STRIKE RELEASE, ADD	1 day	Tue 7/27/21	Wed 7/28/21
209			1.8.1.8	CONCEALED CLOSER, ADD	1 day	Tue 7/27/21	Wed 7/28/21
210			36750	METAL FRAMES	12.31 days	Wed 7/28/21	Fri 8/13/21
211			08 12 13.13	STANDARD HOLLOW METAL FRAMES	1 day	Thu 8/12/21	Fri 8/13/21
212			1.8.2.2	16 GA., UP TO 5-3/4" JAMB DEPTH	1 day	Thu 8/12/21	Fri 8/13/21
213			1.8.2.3	3'-0" X 6'-8" SINGLE	1 day	Wed 7/28/21	Thu 7/29/21
214			36751	METAL DOORS	12.31 days	Thu 7/29/21	Mon 8/16/21
215			08 13 13.13	STANDARD HOLLOW METAL DOORS	1 day	Fri 8/13/21	Mon 8/16/21













































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ID		Task Mode	WBS	Task Name	Duration	Start	Finish
216			1.8.3.2	FLUSH, FULL PANEL, HOLLOW CORE	1 day	Fri 8/13/21	Mon 8/16/21
217			1.8.3.3	WHEN NOTED DOORS ARE PREPARED BUT DO NOT INCLUDE GLASS OR LOUVERS	1 day	Fri 8/13/21	Mon 8/16/21
218			1.8.3.4	1-3/8" THICK, 20 GA., 2'-0" X 6'-8"	0.8 days	Fri 8/13/21	Mon 8/16/21
219			1.8.3.5	FOR NARROW LITE, ADD	1 day	Fri 8/13/21	Mon 8/16/21
220			08 13 13.15	METAL FIRE DOORS	1 day	Fri 8/13/21	Mon 8/16/21
221			1.8.3.7	STEEL, FLUSH, "B" LABEL, 90 MINUTES	1 day	Fri 8/13/21	Mon 8/16/21
222			1.8.3.8	FULL PANEL, 20 GA., 2'-0" X 6'-8"	0.8 days	Thu 7/29/21	Thu 7/29/21
223			36752	WOOD DOORS	12.51 days	Thu 7/29/21	Tue 8/17/21
224			08 14 16.09	SMOOTH WOOD DOORS	1 day	Mon 8/16/21	Tue 8/17/21
225			1.8.4.2	FLUSH, INTERIOR, HOLLOW CORE	1 day	Mon 8/16/21	Tue 8/17/21
226			1.8.4.3	WALNUT FACE, 1-3/8", 2'-0" X 6'-8"	0.94 days	Mon 8/16/21	Tue 8/17/21
227			1.8.4.4	WOOD DOORS, FOR NARROW LITE, ADD	1 day	Thu 7/29/21	Fri 7/30/21
228			08 44 00	CURTAIN WALL AND GLAZED ASSEMBLIES	12.51 days	Fri 7/30/21	Wed 8/18/21
229			08 44 13.10	GLAZED CURTAIN WALLS	1 day	Tue 8/17/21	Wed 8/18/21
230			1.8.5.2	AVERAGE, SINGLE GLAZED	0.16 days	Fri 7/30/21	Fri 7/30/21
231			08 81 00	GLASS GLAZING	13.35 days	Fri 7/30/21	Thu 8/19/21
232			08 81 10.10	VARIOUS TYPES AND THICKNESS OF FLOAT GLASS	1 day	Wed 8/18/21	Thu 8/19/21
233			1.8.6.2	1/4" THICK, TEMPERED, CLEAR	0.13 days	Wed 8/18/21	Wed 8/18/21
234			08 81 17.10	FIRE RESISTANT GLASS	1 day	Wed 8/18/21	Thu 8/19/21
235			1.8.6.4	FIRE GLASS MINIMUM	0.4 days	Wed 8/18/21	Wed 8/18/21
236			08 81 30.10	REDUCE HEAT TRANSFER GLASS	1 day	Wed 8/18/21	Thu 8/19/21
237			1.8.6.6	HEAT REFLECTIVE, FILM INSIDE, 1" THICK UNIT, TINTED	0.19 days	Fri 7/30/21	Mon 8/2/21
238			08 83 00	MIRRORS	14.16 days	Mon 8/2/21	Fri 8/20/21
239			08 83 13.10	MIRRORS	1 day	Thu 8/19/21	Fri 8/20/21
240			1.8.7.2	OVER 5 S.F.	0.1 days	Mon 8/2/21	Mon 8/2/21
241			09 00 00	FINISHES	22.06 days	Mon 8/2/21	Wed 9/1/21
242			36790	PLASTER AND GYPSUM BOARD ASSEMBLIES	15.06 days	Mon 8/2/21	Mon 8/23/21
243			09 21 16.23	GYPSUM BOARD ASSEMBLIES	1 day	Fri 8/20/21	Mon 8/23/21
244			1.9.1.2	2-HOUR ASSEMBLY WITH DOUBLE LAYER	1 day	Fri 8/20/21	Mon 8/23/21
245			1.9.1.3	5/8" F.R. GYP BD ON RM SIDE, 4" J-TRACK & C-H STUDS	0.07 days	Fri 8/20/21	Fri 8/20/21
246			09 21 16.33	PARTITION WALL	1 day	Fri 8/20/21	Mon 8/23/21
247			1.9.1.5	5/8" INTERIOR GYPSUM BOARD, STANDARD, TAPE & FINISH 2 SIDES	1 day	Fri 8/20/21	Mon 8/23/21
248			1.9.1.6	INSTALLED ON AND INCLUDING METAL STUDS, NLB, 25 GA., 16" OC, 3-5/8" WIDE	0.05 days	Fri 8/20/21	Fri 8/20/21
249			09 21 16.33	PARTITION WALL	1 day	Fri 8/20/21	Mon 8/23/21
250			1.9.1.8	FIRE RESISTANT, 2 LAYERS, 2 HR., ON METAL STUDS, NLB, 25 GA., 16" OC, 3-5/8" WIDE	0.07 days	Mon 8/2/21	Mon 8/2/21
251			09 31 00	THIN-SET TILING	15.99 days	Mon 8/2/21	Tue 8/24/21
252			09 31 13.10	THIN-SET CERAMIC TILE	1 day	Mon 8/23/21	Tue 8/24/21
253			1.9.2.2	BACKSPLASH, AVERAGE GRADE TILE	0.16 days	Mon 8/23/21	Mon 8/23/21
254			09 31 13.10	THIN-SET CERAMIC TILE	1 day	Mon 8/23/21	Tue 8/24/21
255			1.9.2.4	CERAMIC TILE, PORCELAIN TYPE, 1 COLOR, COLOR GROUP 2, 2" X 2" OR 2" X 1"	0.08 days	Mon 8/2/21	Mon 8/2/21
256			09 54 00	SPECIALTY CEILINGS	16.91 days	Mon 8/2/21	Wed 8/25/21
257			09 54 26.10	WOOD CEILINGS	1 day	Tue 8/24/21	Wed 8/25/21
258			1.9.3.2	4"-6" WOOD SLATS ON HEAVY DUTY 15/16" T-BAR GRID	0.06 days	Mon 8/2/21	Mon 8/2/21


































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ID	Task Mode	WBS	Task Name	Duration	Start	Finish
259		09 64 00	WOOD FLOORING	17.85 days	Mon 8/2/21	Thu 8/26/21
260		09 64 66.10	GYMNASIUM FLOORING	1 day	Wed 8/25/21	Thu 8/26/21
261		1.9.4.2	GYM FLOOR, IN MASTIC, OVER 2 PLY FELT #2 & BETTER 33/32" THICK MAPLE	0.08 days	Mon 8/2/21	Mon 8/2/21
262		09 65 00	RESILIENT FLOORING	18.77 days	Mon 8/2/21	Fri 8/27/21
263		09 65 10.13	RESILIANANT BASE	1 day	Thu 8/26/21	Fri 8/27/21
264		1.9.5.2	1/8" VINYL BASE, 4" HIGH, STRAIGHT OR COVE, STANDARD COLORS	0.03 days	Thu 8/26/21	Thu 8/26/21
265		09 65 10.13	RESILIANANT BASE	1 day	Thu 8/26/21	Fri 8/27/21
266		1.9.5.4	CORNERS, 4" HIGH	0.03 days	Thu 8/26/21	Thu 8/26/21
267		09 65 13.23	RESILIENT STAIR TREADS AND RISERS	1 day	Thu 8/26/21	Fri 8/27/21
268		1.9.5.6	RUBBER, MOLDED TREAD, 12" WIDE, 5/16" THICK, COLORS	0.07 days	Thu 8/26/21	Thu 8/26/21
269		09 65 13.23	RESILIENT STAIR TREADS AND RISERS	1 day	Thu 8/26/21	Fri 8/27/21
270		1.9.5.8	NOSINGS, 3" WIDE, 3/16" THICK, COLORS	0.06 days	Thu 8/26/21	Thu 8/26/21
271		09 65 19.19	VINYL COMPOSITION TILE FLOORING	1 day	Thu 8/26/21	Fri 8/27/21
272		1.9.5.10	VINYL COMPOSITION TILE, 12" X 12", 1/16" THICK EMBOSSED	0.02 days	Mon 8/2/21	Mon 8/2/21
273		09 68 00	CARPETING	19.75 days	Mon 8/2/21	Mon 8/30/21
274		09 68 13.10	CARPET TILE	1 day	Fri 8/27/21	Mon 8/30/21
275		1.9.6.2	TUFTED, 24" X 24", HARD BACK, 24 OZ. NYLON	0.1 days	Mon 8/2/21	Mon 8/2/21
276		09 84 00	ACOUSTIC ROOM COMPONENTS	20.65 days	Mon 8/2/21	Tue 8/31/21
277		09 84 13.10	FIXED PANELS	1 day	Mon 8/30/21	Tue 8/31/21
278		1.9.7.2	FIBERGLASS OR MINERAL FILLER, NO BACKS, 2-1/4" THICK, MODULAR	1 day	Mon 8/30/21	Tue 8/31/21
279		1.9.7.3	SPACE UNITS, CEILING OR WALL HUNG, WHITE OR COLORED	0.08 days	Mon 8/2/21	Mon 8/2/21
280		09 91 00	PAINTING	21.57 days	Mon 8/2/21	Wed 9/1/21
281		09 91 23.72	WALLS AND CEILING, INTERIOR	1 day	Tue 8/31/21	Wed 9/1/21
282		1.9.8.2	CONCRETE, DRYWALL OR PLASTER, LATEX, PRIMER OR SEALER COAT	1 day	Tue 8/31/21	Wed 9/1/21
283		1.9.8.3	SMOOTH FINISH, SPRAY	0 days	Tue 8/31/21	Tue 8/31/21
284		09 91 23.72	WALLS AND CEILING, INTERIOR	1 day	Tue 8/31/21	Wed 9/1/21
285		1.9.8.5	PAINT 2 COATS, SMOOTH FINISH, SPAY	0.01 days	Mon 8/2/21	Mon 8/2/21
286		10 00 00	SPECIALTIES	29.18 days	Mon 8/2/21	Fri 9/10/21
287		36810	VISUAL DISPLAY UNITS	22.89 days	Mon 8/2/21	Thu 9/2/21
288		10 11 13.13	FIXED CHALKBOARDS	1 day	Wed 9/1/21	Thu 9/2/21
289		1.10.1.2	LIQUID CHALK, WHITE PORCELAIN ENAMEL, WALL HUNG	1 day	Wed 9/1/21	Thu 9/2/21
290		1.10.1.3	DELUXE UNITS, ALUMINUM TRIM AND CHALKTROUGH	1 day	Wed 9/1/21	Thu 9/2/21
291		1.10.1.4	4' X 12'	1.33 days	Wed 9/1/21	Thu 9/2/21
292		10 11 13.13	FIXED CHAULKBOARDS	1 day	Wed 9/1/21	Thu 9/2/21
293		1.10.1.6	LIQUID CHALK, FELT TIP MARKERS	1 day	Wed 9/1/21	Thu 9/2/21
294		10 11 13.13	FIXED CHAULKBOARDS	1 day	Wed 9/1/21	Thu 9/2/21
295		1.10.1.8	LIQUID CHALK, ERASERS	1 day	Wed 9/1/21	Thu 9/2/21
296		10 11 13.13	FIXED CHAULKBOARDS	1 day	Wed 9/1/21	Thu 9/2/21
297		1.10.1.10	LIQUID CHALK, BOARD CLEANER, 8 OZ. BOTTLE	1 day	Mon 8/2/21	Tue 8/3/21
298		36812	DIRECTORIES	22.89 days	Tue 8/3/21	Fri 9/3/21
299		10 13 10.10	BUILDING DIRECTORY BOARDS	1 day	Thu 9/2/21	Fri 9/3/21
300		1.10.2.2	BUILDING DIRECTORY, ALUM, BLACK FELT PANELS, 1 DOOR, 36" X 24"	4.57 days	Tue 8/3/21	Tue 8/10/21
301		36813	SIGNAGE	19.32 days	Tue 8/10/21	Mon 9/6/21













































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ID		Task Mode	WBS	Task Name	Duration	Start	Finish
302			10 14 23.13	ENGRAVED PANEL SIGNAGE, INTERIOR	1 day	Fri 9/3/21	Mon 9/6/21
303			1.10.3.2	FLEXIBLE DOOR SIGN, ADHESIVE BACK, W/ BRAILLE, 5/8" LETTERS, 6" X 6"	0.25 days	Tue 8/10/21	Tue 8/10/21
304			36820	COMPARTMENTS AND CUBICLES	21.36 days	Tue 8/10/21	Wed 9/8/21
305			10 21 13.16	PLASTIC-LAMINATE-CLAD TOILET COMPARTMENTS	1 day	Mon 9/6/21	Tue 9/7/21
306			1.10.4.2	FLOOR MOUNTED	1 day	Mon 9/6/21	Tue 9/7/21
307			1.10.4.3	PLASTIC LAMINATE ON PARTICLE BOARD	2.29 days	Mon 9/6/21	Wed 9/8/21
308			1.10.4.4	FOR HANDCAP UNTIS, ADD	1 day	Tue 8/10/21	Wed 8/11/21
309			36821	PARTITIONS	21.36 days	Wed 8/11/21	Thu 9/9/21
310			10 22 33.10	PARTITIONS, ACCORDIAN FOLDING	1 day	Wed 9/8/21	Thu 9/9/21
311			1.10.5.2	VINYL COVERED, OVER 150 S.F., FRAME NOT INCLUDED	1 day	Wed 9/8/21	Thu 9/9/21
312			1.10.5.3	ACOUSTICAL, 3 LB./S.F., 17' MAXIMUM HEIGHT	0.16 days	Wed 8/11/21	Wed 8/11/21
313			36825	WALL AND DOOR PROTECTION	22.2 days	Wed 8/11/21	Fri 9/10/21
314			10 26 13.20	CORNER PROTECTION	1 day	Thu 9/9/21	Fri 9/10/21
315			1.10.6.2	STAINLESS STEEL, 16 GA., ADHESIVE MOUNT, 3-1/2" LEG	0.1 days	Wed 8/11/21	Wed 8/11/21
316			11 00 00	EQUIPMENT	23.1 days	Wed 8/11/21	Mon 9/13/21
317			36851	RETAIL AND SERVICE EQUIPMENT	23.1 days	Wed 8/11/21	Mon 9/13/21
318			11 21 13.10	CHECKOUT COUNTER	1 day	Fri 9/10/21	Mon 9/13/21
319			1.11.1.2	SCANNING SYSTEM, 2 LANES, W/REGISTERS, SCAN GUN & MEMORY	1 day	Wed 8/11/21	Thu 8/12/21
320			12 00 00	FURNISHINGS	30.1 days	Thu 8/12/21	Thu 9/23/21
321			36881	WINDOW BLINDS	23.1 days	Thu 8/12/21	Tue 9/14/21
322			12 21 13.33	VINYL HORIZONTAL LOUVER BLINDS	1 day	Mon 9/13/21	Tue 9/14/21
323			1.12.1.2	2" FAUX WOOD, 72" WIDE, 72" WIDE	0.32 days	Thu 8/12/21	Fri 8/13/21
324			12 32 00	MANUFACTURED WOOD CASEWORK	23.78 days	Fri 8/13/21	Wed 9/15/21
325			12 32 23.10	MANUFACTURED WOOD CASEWORK, STOCK UNTIS	1 day	Tue 9/14/21	Wed 9/15/21
326			1.12.2.2	KITCHEN BASE CABINETS, HARDWOOD, NOT INCL. COUNTER TOPS	1 day	Tue 9/14/21	Wed 9/15/21
327			1.12.2.3	24" DEEP, 35" HIGH, PREFINISHED	1 day	Tue 9/14/21	Wed 9/15/21
328			1.12.2.4	ONE TOP DRAWER, ONE DOOR BELOW, 24" WIDE	0.72 days	Fri 8/13/21	Fri 8/13/21
329			12 32 23.10	MANUFACTURED WOOD CASEWORK, STOCK UNTIS	1 day	Tue 9/14/21	Wed 9/15/21
330			1.12.2.6	KITCHEN WALL CABINETS, HARDWOOD, 12" DEEP WITH TWO DOORS	1 day	Tue 9/14/21	Wed 9/15/21
331			1.12.2.7	TWO DOORS, 48" WIDE	0.87 days	Fri 8/13/21	Mon 8/16/21
332			12 36 00	COUTERTOPS	23.91 days	Mon 8/16/21	Thu 9/16/21
333			12 36 16.10	METAL COUNTERTOPS	1 day	Wed 9/15/21	Thu 9/16/21
334			1.12.3.2	STAINLESS STEEL	0.67 days	Wed 9/15/21	Thu 9/16/21
335			12 36 40.10	NATURAL STONE COUNTERTOPS	1 day	Wed 9/15/21	Thu 9/16/21
336			1.12.3.4	GRANITE, AVERAGE, 1-1/4" THICK, 24" WIDE, NO SPLASH	0.62 days	Mon 8/16/21	Mon 8/16/21
337			12 46 00	FURNISHING ACCESSORIES	24.29 days	Mon 8/16/21	Fri 9/17/21
338			12 46 19.50	WALL CLOCKS	1 day	Thu 9/16/21	Fri 9/17/21
339			1.12.4.2	12" DIAMETER, SINGLE FACE	1 day	Thu 9/16/21	Fri 9/17/21
340			12 46 33.13	TRASH RECEPTACLES	1 day	Thu 9/16/21	Fri 9/17/21
341			1.12.4.4	PLASTIC, WITH LID, 35 GAL.	0.13 days	Mon 8/16/21	Mon 8/16/21
342			12 48 00	RUGS AND MATS	25.16 days	Mon 8/16/21	Mon 9/20/21
343			12 48 13.13	ENTRANCE FLOOR MATS	1 day	Fri 9/17/21	Mon 9/20/21
344			1.12.5.2	RECESSED, BLACK RUBBER, 3/8" THICK, SOLID	0.05 days	Mon 8/16/21	Mon 8/16/21







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ID		Task Mode	WBS	Task Name	Duration	Start	Finish
345			12 51 00	OFFICE FURNITURE	26.11 days	Mon 8/16/21	Tue 9/21/21
346			12 51 16.16	WOOD CASE GOODS	1 day	Mon 9/20/21	Tue 9/21/21
347			1.12.6.2	DESK, 29" HIGH, DOUBLE PEDESTAL, 30" X 60"	1 day	Mon 9/20/21	Tue 9/21/21
348			1.12.6.3	WOOD, MINIMUM	1 day	Mon 9/20/21	Tue 9/21/21
349			12 51 23.33	CONFERENCE TABLES	1 day	Mon 9/20/21	Tue 9/21/21
350			1.12.6.5	RECTANGLE, 96" X 42", MINIMUM	1 day	Mon 8/16/21	Tue 8/17/21
351			12 52 00	SEATING	26.11 days	Tue 8/17/21	Wed 9/22/21
352			12 52 23.13	OFFICE CHAIRS	1 day	Tue 9/21/21	Wed 9/22/21
353			1.12.7.2	STANDARD OFFICE CHAIR, EXECUTIVE, MINIMUM	1 day	Tue 8/17/21	Wed 8/18/21
354			12 56 00	INSTITUTIONAL FURNITURE	1 day	Wed 9/22/21	Thu 9/23/21
355			12 56 33.10	FURNITURE SCHOOL	1 day	Wed 9/22/21	Thu 9/23/21
356			1.12.8.2	CLASSROOM, MOVABLE CHAIR & DESK TYPE, MINIMUM	1 day	Wed 9/22/21	Thu 9/23/21
357			13 00 00	SPECIAL CONSTRUCTION	1 day	Wed 8/18/21	Thu 8/19/21
358			14 00 00	CONVEYING EQUIPMENT	4 days	Thu 8/19/21	Wed 8/25/21
359			14 21 00	ELECTRIC TRACTION ELEVATORS	4 days	Thu 8/19/21	Wed 8/25/21
360			14 21 23.10	ELECTRIC TRACTION PASSENGER ELEVATORS AND OPTIONS	4 days	Thu 8/19/21	Wed 8/25/21
361			1.14.1.2	ELECTRIC PASS., BASE UNIT, 2000LB., 200 FPM., 4 STOP, STD FINISH	4 days	Thu 8/19/21	Wed 8/25/21
362			14 27 00	CUSTOM ELEVATOR CABS AND DOORS	1 day	Thu 11/10/22	Fri 11/11/22
363			14 27 13.10	CAB FINISHES	1 day	Thu 11/10/22	Fri 11/11/22
364			1.14.2.2	ALUMINUM EGGCRATE CEILING	1 day	Thu 11/10/22	Fri 11/11/22
365			14 27 13.10	CAB FINISHES	1 day	Thu 11/10/22	Fri 11/11/22
366			1.14.2.4	STAINLESS STEEL DOORS	1 day	Thu 11/10/22	Fri 11/11/22
367			14 27 13.10	CAB FINISHES	1 day	Thu 11/10/22	Fri 11/11/22
368			1.14.2.6	EPOXY FLOORING	1 day	Thu 11/10/22	Fri 11/11/22
369			14 27 13.10	CAB FINISHES	1 day	Thu 11/10/22	Fri 11/11/22
370			1.14.2.8	STAINLESS STEEL WALLS	1 day	Thu 11/10/22	Fri 11/11/22
371			14 27 13.10	CAB FINISHES	1 day	Thu 11/10/22	Fri 11/11/22
372			1.14.2.10	STAINLESS STEEL RETURN AT DOORS	1 day	Thu 11/10/22	Fri 11/11/22
373			14 28 00	ELEVATOR EQUIPMENT AND CONTROLS	24.24 days	Fri 11/11/22	Fri 12/16/22
374			14 28 10.10	ELEVATOR CONTROLS AND DOORS	1 day	Fri 11/11/22	Mon 11/14/22
375			1.14.3.2	INTERCOM SERVICE	5.33 days	Fri 11/11/22	Mon 11/21/22
376			14 28 10.10	ELEVATOR CONTROLS AND DOORS	1 day	Fri 11/11/22	Mon 11/14/22
377			1.14.3.4	CENTER OPENING 1 SPEED DOORS	8 days	Fri 11/11/22	Wed 11/23/22
378			14 28 10.10	ELEVATOR CONTROLS AND DOORS	1 day	Fri 11/11/22	Mon 11/14/22
379			1.14.3.6	AUTOMATIC EMERGENCY POWER SWITCHING	24.24 days	Fri 11/11/22	Fri 12/16/22
380			14 28 10.10	ELEVATOR CONTROLS AND DOORS	1 day	Fri 11/11/22	Mon 11/14/22
381			1.14.3.8	MANUAL EMERGENCY POWER SWITCHING	2 days	Fri 11/11/22	Tue 11/15/22
382			14 28 10.10	ELEVATOR CONTROLS AND DOORS	1 day	Fri 11/11/22	Mon 11/14/22
383			1.14.3.10	HALL FINISHES, STAINLESS STEEL DOORS	1 day	Fri 11/11/22	Mon 11/14/22
384			1.14.3.11	STAINLESS STEEL FRAMES	1 day	Fri 11/11/22	Mon 11/14/22
385			14 28 10.10	ELEVATOR CONTROLS AND DOORS	1 day	Fri 11/11/22	Mon 11/14/22
386			1.14.3.13	12 MONTH MAINTENANCE CONTRACT	1 day	Fri 11/11/22	Mon 11/14/22
387			14 28 10.10	ELEVATOR CONTROLS AND DOORS	1 day	Fri 11/11/22	Mon 11/14/22

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ID		Task Mode	WBS	Task Name	Duration	Start	Finish
388			1.14.3.15	SIGNAL DEVICES, HALL LANTERNS	2 days	Fri 11/11/22	Tue 11/15/22
389			1.14.3.16	POSITION INDICATORS	1.7 days	Fri 11/11/22	Tue 11/15/22
390			14 28 10.10	ELEVATOR CONTROLS AND DOORS	1 day	Fri 11/11/22	Mon 11/14/22
391			1.14.3.18	VARIABLE VOLTAGE, O.H. GEARLESS MACHINE, MIN.	1 day	Fri 11/11/22	Mon 11/14/22
392			21 00 00	FIRE SUPPRESSION	1 day	Fri 3/31/23	Mon 4/3/23
393			50 17 10	(HPW) & (CRC):	1 day	Fri 3/31/23	Mon 4/3/23
394			50 17 14	Counseling Services:	1 day	Fri 3/31/23	Mon 4/3/23
395			50 17 20	University Recreation UREC:	1 day	Fri 3/31/23	Mon 4/3/23
396			50 17 24	All Departments:	1 day	Fri 3/31/23	Mon 4/3/23
397			22 00 00	PLUMBING	7 days	Mon 4/3/23	Wed 4/12/23
398			50 17 10	(HPW) & (CRC):	1 day	Mon 4/3/23	Tue 4/4/23
399			50 17 14	Counseling Services:	1 day	Mon 4/3/23	Tue 4/4/23
400			50 17 24	All Departments:	1 day	Mon 4/3/23	Tue 4/4/23
401			50 17 20	NEW COOLING TOWER	7 days	Mon 4/3/23	Wed 4/12/23
402			23 00 00	HEATING, VENTILATION, & AIR CONDITIONING	1 day	Tue 4/4/23	Wed 4/5/23
403			50 17 10	(HPW) & (CRC):	1 day	Tue 4/4/23	Wed 4/5/23
404			15 17 14	Counseling Services:	1 day	Tue 4/4/23	Wed 4/5/23
405			50 17 24	All Departments:	1 day	Tue 4/4/23	Wed 4/5/23
406			26 00 00	ELECTRICAL	1 day	Wed 4/5/23	Thu 4/6/23
407			50 17 10	(HPW) & (CRC):	1 day	Wed 4/5/23	Thu 4/6/23
408			50 17 14	Counseling Services:	1 day	Wed 4/5/23	Thu 4/6/23
409			50 17 24	All Departments:	1 day	Wed 4/5/23	Thu 4/6/23
410			27 00 00	COMMUNICATIONS	1 day	Wed 4/5/23	Thu 4/6/23
411			31 00 00	EARTHWORK	19 days	Thu 4/6/23	Wed 5/3/23
412			31 14 00	EARTH STRIPPING AND STOCKPILING	1 day	Thu 4/6/23	Fri 4/7/23
413			31 14 13.23	TOPSOIL STRIPPING AND STOCKPILING	1 day	Thu 4/6/23	Fri 4/7/23
414			1.20.1.2	200 HP DOZER, IDEAL CONDITIONS	0.01 days	Thu 4/6/23	Thu 4/6/23
415			31 22 00	GRADING	16.99 days	Thu 4/6/23	Mon 5/1/23
416			31 22 13.20	ROUGH GRADING SITES	1 day	Fri 4/7/23	Mon 4/10/23
417			1.20.2.2	1,100-3,000 S.F., SKID STEER & LABOR	16 days	Fri 4/7/23	Mon 5/1/23
418			31 22 16.10	FINISH GRADING	1 day	Fri 4/7/23	Mon 4/10/23
419			1.20.2.4	FINISH GRADING AREA TO BE PAVED WITH GRADER, LARGE AREA	0.01 days	Thu 4/6/23	Thu 4/6/23
420			31 23 00	EXCAVATION AND FILL	17.98 days	Thu 4/6/23	Tue 5/2/23
421			31 23 16.13	EXCAVATING, TRENCH	1 day	Mon 5/1/23	Tue 5/2/23
422			1.20.3.2	OR CONTINUOUS FOOTING	1 day	Mon 5/1/23	Tue 5/2/23
423			1.20.3.3	COMMON EARTH WITH NO SHEETING OR DEWATERING INCLUDED	1 day	Mon 5/1/23	Tue 5/2/23
424			1.20.3.4	1' TO 4' DEEP, 3/8 C.Y. EXCAVATOR	0.11 days	Mon 5/1/23	Mon 5/1/23
425			31 23 23.13	BACKFILL	1 day	Mon 5/1/23	Tue 5/2/23
426			1.20.3.6	BY HAND, NO COMPACTION, LIGHT SOIL	0.57 days	Thu 4/6/23	Fri 4/7/23
427			31 62 00	DRIVEN PILES	18.41 days	Fri 4/7/23	Wed 5/3/23
428			31 62 13.23	PRESTRESSED CONCRETE PILES	1 day	Tue 5/2/23	Wed 5/3/23
429			1.20.4.2	UNLESS SPECIFIED OTHERWISE, NOT INCL. PILE CAPS OR MOBILIZATION	1 day	Tue 5/2/23	Wed 5/3/23
430			1.20.4.3	PRECAST, PRESTRESSED, 50' LONG, CYLINDER, 12" DIAM., 2-3/8" WALL	0.09 days	Fri 4/7/23	Fri 4/7/23

Ogletree,Jack Final Cost estimate

ID		Task Mode	WBS	Task Name	Duration	Start	Finish
431			32 00 00	EXTERIOR IMPROVEMENTS	3.1 days	Wed 5/3/23	Mon 5/8/23
432			32 16 00	CURBS, GUTTERS, SIDEWALKS, AND DRIVEWAYS	1 day	Wed 5/3/23	Thu 5/4/23
433			32 16 13.13	CAST-IN-PLACE CONCRETE CURBS AND GUTTERS	1 day	Thu 5/4/23	Fri 5/5/23
434			1.21.3	FORMS ONLY, NO CONCRETE	1 day	Fri 5/5/23	Mon 5/8/23
435			1.21.4	CONCRETE, WOOD FORMS, 6" X 18", STRAIGHT	0.1 days	Mon 5/8/23	Mon 5/8/23

Parking Garage/Retail		MODIFIED BITUMINOUS MEMBRANE ROOF - MEDIUM								COST AND LABOR ESTIMATE										
CSI NUMBER	EXT	NAME	CREW	DAILY OUTPUT	LABOR HOURS	UNIT	BARE COST				TOTAL O & P	JOB COST					JOB LABOR			
							MATERIAL	LABOR	EQUIPMENT	TOTAL		QUANTITY	UNIT	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL EQUIPMENT COST	TOTAL JOB COST	TOTAL JOB O & P	DAYS PER TASK	LABOR HOURS PER TASK
07 00 00		THERMAL & MOISTURE PROTECTION																		
07 11 00		DAMP PROOFING																		
07 11 13.10	0010	BITUMINOUS ASPHALT COATING																		
	0030	BRUSHED ON, BELOW GRADE, 1 COAT	1 ROFC	665.00	0.01	S.F.	\$0.23	\$0.54		\$0.77	\$1.15	10,000.00	S.F.	\$ 2,300.00	\$ 5,400.00	\$0.00	\$ 7,700.00	\$ 11,500.00	73.47	586.28
07 21 00		THERMAL INSULATION																		
07 21 16.20	0010	BLANKET INSULATION FOR WALLS																		
	0160	6" THICK, R19, 15" WIDE	1 CARP	1,350.00	0.01	S.F.	\$0.43	\$0.31		\$0.74	\$0.93	12,000.00	S.F.	\$ 5,160.00	\$ 3,720.00	\$0.00	\$ 8,880.00	\$ 11,160.00	26.36	213.50
07 22 00		ROOF AND DECK INSULATION																		
07 22 16.10	0010	ROOF DECK INSULATION																		
	1968	60 PSI COMPRESSIVE STRENGTH, TAPERED FOR DRAINAGE	1 ROFC	1,820.00	0.00	B.F.	\$1.01	\$0.20		\$1.21	\$1.44	12,000.00	B.F.	\$ 12,120.00	\$ 2,400.00	\$0.00	\$ 14,520.00	\$ 17,280.00	37.63	273.96
07 26 00		VAPOR RETARDERS																		
07 26 10.10	0010	VAPOR RETARDERS																		
	1800	REINF. WATERPROOF, 2 MIL POLYETHYLENE BACKING, 1 SIDE	1 CARP	37.00	0.22	SQ	\$10.90	\$11.15		\$22.05	\$29.00	684.89	SQ	\$ 7,465.30	\$ 7,636.52	\$0.00	\$ 15,101.82	\$ 19,861.81	18.51	147.94
07 52 00		MODIFIED BITUMINOUS MEMBRANE ROOFING																		
07 52 13.10	0010	APP MODIFIED BITUMINOUS MEMBRANE																		
	0020	BASE SHEET #15 GLASS FIBER FELT, FULLY MOPPED TO DECK	1 ROFC	192.00	0.29	SQ	\$21.50	\$12.30	\$2.67	\$36.47	\$47.50	2000.00	SQ	\$ 43,000.00	\$ 24,600.00	\$5340.00	\$ 72,940.00	\$ 95,000.00	2.00	112.39
07 52 13.10	0010	APP MODIFIED BITUMINOUS MEMBRANE																		
	2100	APP MOD., SMOOTH SURF. CAP SHEET, POLY REINF., TORCHED, 160 MILS	G-5	2,100.00	0.02	S.F.	\$0.80	\$0.78	\$0.09	\$1.67	\$2.27	3,600.00	S.F.	\$ 2,880.00	\$ 2,808.00	\$324.00	\$ 6,012.00	\$ 8,172.00	32.61	1301.29
07 52 13.10	0010	APP MODIFIED BITUMINOUS MEMBRANE																		
	2450	SEAM HEAT WELDING	1 ROFC	205.00	0.04	L.F.	\$0.09	\$1.76		\$1.85	\$3.03	300.00	L.F.	\$ 27.00	\$ 528.00	\$0.00	\$ 555.00	\$ 909.00	10.02	80.13
07 65 00		FLEXIBLE FLASHING																		
07 65 10.10	0010	SHEET METAL FLASHING AND COUNTER FLASHING																		
	0011	INCLUDING UP TO 4 BENDS																		
	0020	ALUMINUM, MILL FINISH, .013" THICK	1 ROFC	145.00	0.06	S.F.	\$0.86	\$2.49		\$3.35	\$5.10	1,000.00	S.F.	\$ 860.00	\$ 2,490.00	\$0.00	\$ 3,350.00	\$ 5,100.00	6.90	55.00
	0400	PAINTED FINISH, ADD								\$0.33	\$0.36	1,000.00	S.F.	\$ 330.00	\$ 0.00	\$0.00	\$ 330.00	\$ 360.00		0.00
07 71 00		ROOF SPECIALTIES																		
07 71 23.10	0010	DOWNSPOUTS																		
	0100	ALUMINUM, EMBOSSED, .020" THICK, 2" X 3", ENAMELED	1 SHEE	190.00	0.04	L.F.	\$1.37	\$2.57		\$3.94	\$5.40	1,000.00	L.F.	\$ 1,370.00	\$ 2,570.00	\$0.00	\$ 3,940.00	\$ 5,400.00	5.26	42.00
07 71 43.10	0010	DRIP EDGE, RAKE EDGE, ICE BELTS																		
	0100	ALUMINUM, .016" THICK, 5" WIDE, WHITE FINISH	1 CARP	400.00	0.02	L.F.	\$0.66	\$1.03		\$1.69	\$2.29	1,000.00	L.F.	\$ 660.00	\$ 1,030.00	\$0.00	\$ 1,690.00	\$ 2,290.00	2.50	20.00
07 72 00		ROOF ACCESSORIES																		
07 72 23.10	0010	ROOF VENTS																		
	0100	MUSHROOM SHAPE, FOR BUILT-UP ROOFS, PVC, 6" HIGH	1 ROFC	30.00	0.27	EA	\$24.00	\$12.00		\$36.00	\$46.50	20.00	EA	\$ 480.00	\$ 240.00	\$0.00	\$ 720.00	\$ 930.00	0.67	5.34
07 72 33.10	0010	ROOF HATCHES																		
	0540	2'-6" X 3', GALVANIZED STEEL CURB AND COVER	G-3	10.00	3.20	EA	\$630.00	\$163.00		\$793.00	\$935.00	3.00	EA	\$ 1,890.00	\$ 489.00	\$0.00	\$ 2,379.00	\$ 2,805.00	0.30	9.60
07 81 00		APPLIED FIREPROOFING																		
07 81 16.10	0010	SPRAYED CEMENTITIOUS FIREPROOFING																		
	0050	NOT INCLUDING CANVAS PROTECTION, NORMAL DENSITY																		
	0500	CORRUGATED OR FLUTED DECKS	G-2	1,250.00	0.02	S.F.	\$0.87	\$0.83	\$0.10	\$1.80	\$2.32	2,000.00	S.F.	\$ 1,740.00	\$ 1,660.00	\$200.00	\$ 3,600.00	\$ 4,640.00	54.79	1301.29
07 91 00		PREFORMED JOINT SEALS																		
07 9 23.10	0010	BACKER RODS																		
	0070	BACKER ROD, POLYETHYLENE, 3/4" DIAMETER	1 BRIC	4.60	1.74	C.L.F.	\$6.95	\$89.00		\$95.95	\$144.00	200.00	C.L.F.	\$ 1,390.00	\$ 17,800.00	\$0.00	\$ 19,190.00	\$ 28,800.00	3061.74	200.00
07 92 00		JOINT SEALANTS																		
07 92 13.20	0010	CAULKING AND SEALANT OPTIONS																		
	3800	POLYURETHANE, 1 OR 2 COMPONENT, BULK, IN PLACE, 3/4" X 3/8"	1 BRIC	272.00	0.03	L.F.	\$0.82	\$1.50		\$2.32	\$3.19	2,000.00	L.F.	\$ 1,640.00	\$ 3,000.00	\$0.00	\$ 4,640.00	\$ 6,380.00	51.78	408.44
													TOTALS	\$ 83,312.30	\$ 76,371.52	\$ 5,864.00	\$ 165,547.82	\$ 220,587.81	\$ 3,384.54	\$ 4,757.16

Parking Garage/Retail Space		GREEN ROOF - HIGH				COST AND LABOR ESTIMATE														
CSI NUMBER	EXT	NAME	CREW	DAILY OUTPUT	LABOR HOURS	UNIT	BARE COST			TOTAL O & P	JOB COST					JOB LABOR				
							MATERIAL	LABOR	EQUIPMENT		TOTAL	QUANTITY	UNIT	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL EQUIPMENT COST	TOTAL JOB COST	TOTAL JOB O & P	DAYS PER TASK	LABOR HOURS PER TASK
07 00 00		THERMAL & MOISTURE PROTECTION																		
07 11 00		DAMPPOOFING																		
07 11 13.10	0010	BITUMINOUS ASPHALT COATING																		
	0030	BRUSHED ON, BELOW GRADE, 1 COAT	1 ROFC	665.00	0.01	S.F.	\$0.23	\$0.54	\$0.77	\$1.15	10,000.00	S.F.	\$ 2,300.00	\$ 5,400.00	\$0.00	\$ 7,700.00	\$ 11,500.00	73.47	586.28	
07 21 00		THERMAL INSULATION																		
07 21 16.20	0010	BLANKET INSULATION FOR WALLS																		
	0160	6" THICK, R19, 15" WIDE	1 CARP	1,350.00	0.01	S.F.	\$0.43	\$0.31	\$0.74	\$0.93	12,000.00	S.F.	\$ 5,160.00	\$ 3,720.00	\$0.00	\$ 8,880.00	\$ 11,160.00	26.36	213.50	
07 22 00		ROOF AND DECK INSULATION																		
07 22 16.10	0010	ROOF DECK INSULATION																		
	1968	60 PSI COMPRESSIVE STRENGTH, TAPERED FOR DRAINAGE	1 ROFC	1,820.00	0.00	B.F.	\$1.01	\$0.20	\$1.21	\$1.44	12,000.00	B.F.	\$ 12,120.00	\$ 2,400.00	\$0.00	\$ 14,520.00	\$ 17,280.00	37.63	273.96	
07 26 00		VAPOR RETARDERS																		
07 26 10.10	0010	VAPOR RETARDERS																		
	1800	REINF. WATERPROOF, 2 MIL POLYETHYLENE BACKING, 1 SIDE	1 CARP	37.00	0.22	SQ	\$10.90	\$11.15	\$22.05	\$29.00	684.89	SQ	\$ 7,465.30	\$ 7,636.52	\$0.00	\$ 15,101.82	\$ 19,861.81	18.51	147.94	
07 50 00		GREEN ROOFING SYSTEM																		
07 50 13.10	0010	GREEN ROOFING SYSTEM																		
	0020	SUBSTRATE	1 ROFC	192.00	0.29	SQ	\$23.00	\$12.30	\$2.67	\$36.47	\$47.50	2000.00	SQ	\$ 46,000.00	\$ 24,600.00	\$5340.00	\$ 72,940.00	\$ 95,000.00	2.00	112.39
07 50 13.10	0010	GREEN ROOFING SYSTEM																		
	2100	ST PRIMER & PRODEQ FX400	G-5	2,100.00	0.02	S.F.	\$2.00	\$0.78	\$2.23	\$1.67	\$2.27	3,600.00	S.F.	\$ 7,200.00	\$ 2,808.00	\$8028.00	\$ 6,012.00	\$ 8,172.00	32.61	1301.29
07 50 13.10	0010	GREEN ROOFING SYSTEM																		
	2450	DB DRAINAGE COMPOSITE	1 ROFC	205.00	0.04	L.F.	\$3.00	\$1.76	\$1.85	\$3.03	300.00	L.F.	\$ 900.00	\$ 528.00	\$0.00	\$ 555.00	\$ 909.00	10.02	80.13	
07 65 00		FLEXIBLE FLASHING																		
07 65 10.10	0010	SHEET METAL FLASHING AND COUNTER FLASHING																		
	0011	INCLUDING UP TO 4 BENDS																		
	0020	ALUMINUM, MILL FINISH, .013" THICK	1 ROFC	145.00	0.06	S.F.	\$0.86	\$2.49	\$3.35	\$5.10	1,000.00	S.F.	\$ 860.00	\$ 2,490.00	\$0.00	\$ 3,350.00	\$ 5,100.00	6.90	55.00	
	0400	PAINTED FINISH, ADD																		
07 71 00		ROOF SPECIALTIES																		
07 71 23.10	0010	DOWNSPOUTS																		
	0100	ALUMINUM, EMBOSSED, .020" THICK, 2" X 3", ENAMELED	1 SHEE	190.00	0.04	L.F.	\$1.37	\$2.57	\$3.94	\$5.40	1,000.00	L.F.	\$ 1,370.00	\$ 2,570.00	\$0.00	\$ 3,940.00	\$ 5,400.00	5.26	42.00	
07 71 43.10	0010	DRIP EDGE, RAKE EDGE, ICE BELTS																		
	0100	ALUMINUM, .016" THICK, 5" WIDE, WHITE FINISH	1 CARP	400.00	0.02	L.F.	\$0.66	\$1.03	\$1.69	\$2.29	1,000.00	L.F.	\$ 660.00	\$ 1,030.00	\$0.00	\$ 1,690.00	\$ 2,290.00	2.50	20.00	
07 72 00		ROOF ACCESSORIES																		
07 72 23.10	0010	ROOF VENTS																		
	0100	MUSHROOM SHAPE, FOR BUILT-UP ROOFS, PVC, 6" HIGH	1 ROFC	30.00	0.27	EA	\$24.00	\$12.00	\$36.00	\$46.50	20.00	EA	\$ 480.00	\$ 240.00	\$0.00	\$ 720.00	\$ 930.00	0.67	5.34	
07 72 33.10	0010	ROOF HATCHES																		
	0540	2'-6" X 3', GALVANIZED STEEL CURB AND COVER	G-3	10.00	3.20	EA	\$630.00	\$163.00	\$793.00	\$935.00	3.00	EA	\$ 1,890.00	\$ 489.00	\$0.00	\$ 2,379.00	\$ 2,805.00	0.30	9.60	
07 81 00		APPLIED FIREPROOFING																		
07 81 16.10	0010	SPRAYED CEMENTITIOUS FIREPROOFING																		
	0050	NOT INCLUDING CANVAS PROTECTION, NORMAL DENSITY																		
	0500	CORRUGATED OR FLUTED DECKS	G-2	1,250.00	0.02	S.F.	\$0.87	\$0.83	\$0.10	\$1.80	\$2.32	2,000.00	S.F.	\$ 1,740.00	\$ 1,660.00	\$200.00	\$ 3,600.00	\$ 4,640.00	54.79	1301.29
07 91 00		PREFORMED JOINT SEALS																		
07 9 23.10	0010	BACKER RODS																		
	0070	BACKER ROD, POLYETHYLENE, 3/4" DIAMETER	1 BRIC	4.60	1.74	C.L.F.	\$6.95	\$89.00	\$95.95	\$144.00	200.00	C.L.F.	\$ 1,390.00	\$ 17,800.00	\$0.00	\$ 19,190.00	\$ 28,800.00	3061.74	200.00	
07 92 00		JOINT SEALANTS																		
07 92 13.20	0010	CAULKING AND SEALANT OPTIONS																		
	3800	POLYURETHANE, 1 OR 2 COMPONENT, BULK, IN PLACE, 3/4" X 3/8"	1 BRIC	272.00	0.03	L.F.	\$0.82	\$1.50	\$2.32	\$3.19	2,000.00	L.F.	\$ 1,640.00	\$ 3,000.00	\$0.00	\$ 4,640.00	\$ 6,380.00	51.78	408.44	
													TOTALS	\$ 91,505.30	\$ 76,371.52	\$ 13,568.00	\$ 165,547.82	\$ 220,587.81	\$ 3,384.54	\$ 4,757.16