

CONSTRUCTION COST ESTIMATE BREAKDOWN

CONTRACTOR						ADDRESS												
						TOTAL MATERIAL COST						\$	370,698					
						TOTAL LABOR COST						\$	488,831					
						SUBTOTAL						\$	859,529					
						SALES TAX					6.25%	\$	23,169					
						LABOR BURDEN					10.00%	\$	48,883					
						OVERHEAD & PROFIT					25.00%	\$	214,882					
						BONDING					2.00%	\$	22,929					
						CONTINGENCY / WASTAGE					5.00%	\$	42,976					
						PROPOSED PROJECT AMOUNT						\$	1,212,368					
						TOTAL MANHOURS							7842.23					
DATE		PROJECT NAME		SCOPE OF WORK			PROJECT LOCATION											
N.A		ALRIG USA DEVELOPMENTS PROPOSED MULTI-TENANT DEVELOPMENT		SITE WORKS, CONCRETE & MASONRY			MAP: 300 LOT: 13A, 10 JUNGLE ROA CITY OF LEOMINSTER, WORCESTER COUNTY, MASSACHUSETTS											
LINE NO.	DWG REF./ CSI SEC.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	MATERIAL		LABOR					LINE TOTAL	TRADE TOTAL W/ S.TAX, O&P					
					UNIT PRICE	TOTAL COST	UNIT LABOR HOUR	LABOR HOURS	LABOR RATE	UNIT PRICE	TOTAL COST							
	DIV. 01	GENERAL REQUIREMENTS	SUBTOTAL MATERIAL		\$	-		SUBTOTAL LABOR			\$	65,000		\$	65,000	\$	92,755	
1		PERMITS, SITE SUPERVISION, FINAL CLEANUP & DUMPSTER	LS	1							\$65,000.00	\$65,000.00	\$65,000.00					
	DIV. 31	EARTHWORK	SUBTOTAL MATERIAL		\$	1,747		SUBTOTAL LABOR			\$	16,355		\$	18,102	\$	25,765	
		EXCAVATION (BUILDING-A)																
2	A101	EXCAVATION PROVIDED FOR FOOTING	CY	190.4			0.679	129.31	\$41.17	\$27.96	\$5,324.26	\$5,324.26						
3		IMPORTED STRUCTURAL BACKFILL PROVIDED FOR FOOTING	CY	89	\$17.33	\$1,541.93	0.361	32.13	\$41.17	\$14.86	\$1,322.87	\$2,864.80						
4		HAULING OFF EXTRA MATERIAL	CY	190.4			0.185	35.22	\$41.17	\$7.62	\$1,450.31	\$1,450.31						
		EXCAVATION (BUILDING-B)																
5	S101	EXCAVATION PROVIDED FOR FOOTING	CY	151.7			0.679	103.01	\$41.17	\$27.96	\$4,241.18	\$4,241.18						
6		IMPORTED STRUCTURAL BACKFILL PROVIDED FOR FOOTING	CY	11.9	\$17.33	\$205.33	0.361	4.28	\$41.17	\$14.86	\$176.16	\$381.50						
7		HAULING OFF EXTRA MATERIAL	CY	151.7			0.185	28.07	\$41.17	\$7.62	\$1,155.55	\$1,155.55						
		UNDERSLAB PIPING TRENCHING																
8	S101	BUILDING A																
9		EXCAVATION REQUIRED FOR UNDERGROUND PLUMBING PIPING	CY	5.3			0.679	3.56	\$41.17	\$27.96	\$146.77	\$146.77						
		HAULOFF	CY	5.3			0.185	0.97	\$41.17	\$7.62	\$39.99	\$39.99						
		BUILDING B																
10		EXCAVATION REQUIRED FOR UNDERGROUND PLUMBING PIPING	CY	9.4			0.679	6.39	\$41.17	\$27.96	\$263.26	\$263.26						
11		HAULOFF	CY	9.4			0.185	1.74	\$41.17	\$7.62	\$71.73	\$71.73						
		TRUCKING																
12	S101	NO. OF TRUCKS FOR HAULLING OFF	HR	16.6			1.000	16.64	\$130.00	\$130.00	\$2,162.81	\$2,162.81						
	DIV. 32	EXTERIOR IMPROVEMENTS	SUBTOTAL MATERIAL		\$	260,533		SUBTOTAL LABOR			\$	254,516		\$	515,049	\$	725,010	
		DEMOLITION																
13	C-3	REMOVE EXISTING RIP-RAP TO REMOVED	SF	398			0.018	7.17	\$41.17	\$0.74	\$295.23	\$295.23						
14		EXISTING ASPHALT CURB TO BE REMOVE	LF	281			0.165	46.28	\$41.17	\$6.79	\$1,905.63	\$1,905.63						
15		EXISTING GRASS AND WOOD AREA TO BE CUT AND CLEAR AS REQUIRED FOR PORPOSED DEVELOPMENT	SF	61474			0.005	307.37	\$41.17	\$0.21	\$12,655.58	\$12,655.58						
16		EXISTING MATERIAL PILE TO BE REMOVE AND/ OR RELOCATED AS NECESSARY FOR PROPOSED DEVELOPMENT	EA	1			8.000	8.00	\$84.74	\$677.95	\$677.95	\$677.95						
17		EXISTING ASPHALT TO BE REPLACE IN KID AS NEEDED FOR UTILITY CONNECTIONS	SF	1154	\$3.15	\$3,636.45	0.030	34.63	\$102.02	\$3.06	\$3,533.08	\$7,169.54						
18		REMOVE EXISTING CHAINED LINK FENCE	LF	61			0.165	10.09	\$41.17	\$6.79	\$415.37	\$415.37						
19		REMOVE EXISTING CONCRETE	SF	90			0.018	1.62	\$41.17	\$0.74	\$66.81	\$66.81						
		ASPHALT PAVEMENT																
20	C-5	1.5" THICK, HMA TOP COURSE ASPHALT -2.5" THICK, HMA SURFACE COURSE	SF	34639	\$3.45	\$119,402.01	0.022	762.07	\$102.02	\$2.24	\$77,742.38	\$197,144.39						
		MILLING																
21		MILLED ASPHALT KEY 1" DEEP	SY	496			0.112	55.61	\$81.93	\$9.18	\$4,555.59	\$4,555.59						

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							PROPOSED PROJECT AMOUNT						
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DATE		PROJECT NAME			SCOPE OF WORK			PROJECT LOCATION					
N.A		ALRIG USA DEVELOPMENTS PROPOSED MULTI-TENANT DEVELOPMENT			SITE WORKS, CONCRETE & MASONRY			MAP: 300 LOT: 13A, 10 JUNGLE ROA CITY OF LEOMINSTER, WORCESTER COUNTY, MASSACHUSETTS					
LINE NO.	DWG REF./ CSI SEC.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	MATERIAL		UNIT LABOR HOUR	LABOR HOURS	LABOR			LINE TOTAL	TRADE TOTAL W/ S.TAX, O&P
					UNIT PRICE	TOTAL COST			LABOR RATE	UNIT PRICE	TOTAL COST		
22	C-5	NEW 1" THICK, HMA TOP COURSE ASPHALT - HOT TAR SEAL	SF	4468	\$1.28	\$5,710.47	0.016	71.49	\$102.02	\$1.63	\$7,293.33	\$13,003.81	
		GRADING											
		CUT											
23	C-6	CUT REQUIRED FOR GRADING	CY	1254.16			0.171	214.46	\$41.17	\$7.04	\$8,830.19	\$8,830.19	
		FILL											
24		FILL REQUIRED FOR GRADING	CY	930.5			0.111	103.28	\$41.17	\$4.57	\$4,252.47	\$4,252.47	
		HAUL OFF											
25		HAUL OFF	CY	323.70			0.100	32.37	\$41.17	\$4.12	\$1,332.80	\$1,332.80	
		TRUCKING											
26		NO. OF TRUCKS FOR HAULLING OFF	HR	32.4			1.000	32.37	\$130.00	\$130.00	\$4,208.10	\$4,208.10	
		PATIO PAVERS											
27	C-5	PROPOSED PATIO PAVERS	SF	469	\$7.43	\$3,480.62	0.085	39.85	\$47.65	\$4.05	\$1,898.56	\$5,379.18	
		FENCE (KEEP THIS PRICING SEPARATE)											
28	C-5	PATIO FENCE - MATERUAL ALUMINUM FRAME -STEEL MESH AND FEET FINISH: POWDER COAST STARBUCKS BLACK, #RAL7021 SIZE: FENCE, 42"H x 54"W x 2"THICK - 3" GAP BETWEEN MODULES -4" WIDE PLANTE AT FOOT - GATE, 38-1/4"HIGH x 38"W x 2" THICK. WEIGHT: 33 LBS PER MODULE	LF	46	\$40.73	\$1,873.35	0.285	13.11	\$53.04	\$15.12	\$695.31	\$2,568.66	
29		6'-0"H WHITE VINYL SCREEN FENCE @ VERTICAL POST 8'-0" O.C. - HORIZONTAL RAIL - 12" INTERLOCKING VERTICAL PICKETS	LF	259	\$19.13	\$4,945.73	0.221	57.15	\$53.04	\$11.72	\$3,031.09	\$7,976.82	
30		DECORATIVE FENCE (NO SPEC)	LF	69	\$49.50	\$3,415.50	0.285	19.67	\$53.04	\$15.12	\$1,042.97	\$4,458.47	
31		CHAIN LINK FENCE (NO SPEC)	LF	69	\$22.50	\$1,552.50	0.188	12.97	\$53.04	\$9.97	\$688.00	\$2,240.50	
		STRIPING											
32	C-5	PROPOSED 4" BLUE THERMOPLASTIC STRIPING FOR ADA SPACES (TYPICAL	LF	313	\$0.77	\$239.32	0.040	12.51	\$43.42	\$1.74	\$543.38	\$782.70	
33		PROPOSED 4" PAINTED WHITE STRIPING	LF	108	\$0.77	\$82.83	0.040	4.33	\$43.42	\$1.74	\$188.07	\$270.91	
34		PROPOSED 18" PAINTED WHITE CROSSWALK	LF	229	\$1.98	\$453.90	0.062	14.21	\$43.42	\$2.69	\$617.17	\$1,071.06	
35		PROPOSED 4" PAINTED WHITE STRIPING FOR ALL NON-ADA STALLS	LF	474	\$0.77	\$362.40	0.040	18.95	\$43.42	\$1.74	\$822.83	\$1,185.24	
36		PAINTED 24" WHITE LINE	LF	127	\$2.88	\$365.47	0.075	9.52	\$43.42	\$3.26	\$413.28	\$778.75	
37		PROPOSED 12" PAINTED WHITE CROSSWALK	LF	234	\$1.19	\$277.59	0.042	9.81	\$43.42	\$1.82	\$426.14	\$703.73	
38		PAINTED 6" WHITE LINE	LF	230	\$0.86	\$196.45	0.040	9.19	\$43.42	\$1.74	\$399.09	\$595.55	
39		ARROW SIGN PAINTED	EA	14	\$76.50	\$1,071.00	2.325	32.55	\$43.42	\$100.96	\$1,413.43	\$2,484.43	
40		PROPOSED STOP BAR	EA	2	\$135.00	\$270.00	3.569	7.14	\$43.42	\$154.98	\$309.95	\$579.95	
41		PROPOSED "DO NOT ENTER" STRIPING	EA	2	\$135.00	\$270.00	3.569	7.14	\$43.42	\$154.98	\$309.95	\$579.95	
		SIGN											

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LINE NO.	DWG REF./ CSI SEC.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	MATERIAL		UNIT LABOR HOUR	LABOR HOURS	LABOR			LINE TOTAL	TRADE TOTAL W/ S.TAX, O&P
					UNIT PRICE	TOTAL COST			LABOR RATE	UNIT PRICE	TOTAL COST		
42	A001	14091: SIGN - DT DIRECTIONAL EXIT SIGN ILLUMINATED ARROW SERIES - 46IN 1170MM ONLY INSTALL BY GC	EA	1			3.000	3.00	\$51.98	\$155.94	\$155.94	\$155.94	
43		SIGN - DT DIRECTIONAL ILLUMINATED ARROW SERIES - 46IN 1170MM ONLY INSTALL BY GC	EA	3			3.000	9.00	\$51.98	\$155.94	\$467.83	\$467.83	
44		SIGN - DT CLEARANCE BAR SQUARE FRAME FREESTANDING - BLACK AND DARK GREEN ONLY INSTALL BY GC	EA	1			3.000	3.00	\$51.98	\$155.94	\$155.94	\$155.94	
45		GROUND GRAPHICS DT ENTRY STENCIL	EA	1	\$108.00	\$108.00	2.000	2.00	\$51.98	\$103.96	\$103.96	\$211.96	
46		GROUND GRAPHICS DO NOT ENTER STENCIL	EA	2	\$108.00	\$216.00	2.000	4.00	\$51.98	\$103.96	\$207.92	\$423.92	
47		GROUND GRAPHICS ARROW STENCIL	EA	6	\$108.00	\$648.00	2.000	12.00	\$51.98	\$103.96	\$623.77	\$1,271.77	
48		PORPOSED 'PEDESTRIAND' (W11-2) SIGN	EA	1	\$108.00	\$108.00	2.000	2.00	\$51.98	\$103.96	\$103.96	\$211.96	
49		PROPOSED BANK EMPLOYEE PARKING SIGNS AND SPACES	EA	6	\$108.00	\$648.00	2.000	12.00	\$51.98	\$103.96	\$623.77	\$1,271.77	
50		PROPOSED 'STOP' (R1-1) SIGN	EA	3	\$108.00	\$324.00	2.000	6.00	\$51.98	\$103.96	\$311.88	\$635.88	
51		PROPOSED DRIVE THRU MENU BOARD SIGN	EA	1	\$315.00	\$315.00	3.000	3.00	\$51.98	\$155.94	\$155.94	\$470.94	
52		PAINTED 4" BLUE SYMBOL OF ACCESSIBILITY 54" W X 60" H	EA	2	\$166.50	\$333.00	2.000	4.00	\$51.98	\$103.96	\$207.92	\$540.92	
53		PROPOSED ADA VAN ACCESSIBLE PARKING SIGN ON BOLLARD	EA	2	\$108.00	\$216.00	2.000	4.00	\$51.98	\$103.96	\$207.92	\$423.92	
54		PROPOSED " PEDESTRIAN" (W11-2) SIGN	EA	1	\$108.00	\$108.00	2.000	2.00	\$51.98	\$103.96	\$103.96	\$211.96	
		WHEEL STOP											
55		PROPOSED CONCRETE WHEEL STOP 6'-0" L X 6" H NOTE: ASSUMED DETAILS	EA	8	\$66.60	\$532.80	0.333	2.66	\$41.57	\$13.84	\$110.73	\$643.53	
		FENCE											
56	C-5	FOOTING 1'-8" DIA x 4'-0"H CONCRETE FOOTING FOR VINYL FENCE	CY	10.4	\$273.80	\$2,841.71	6.415	66.58	\$51.06	\$327.56	\$3,399.68	\$6,241.39	
57		EXCAVATION EXCAVATION PROVIDE FOR VINYL FENCE	CY	23.3			0.679	15.79	\$41.17	\$27.96	\$650.26	\$650.26	
58		HAUL OFF HAUL OFF	CY	10.4			0.185	1.92	\$41.17	\$7.62	\$79.06	\$79.06	
		SIGN											
59	C-5	FOOTING 1'-6" DIA x 4'-0"H 3000 PSI CONCRETE FOOTING FOR SIGN	CY	3.7	\$273.80	\$1,003.01	6.415	23.50	\$51.06	\$327.56	\$1,199.96	\$2,202.97	
60		EXCAVATION EXCAVATION PROVIDE FOR SIGN	CY	10.2			0.679	6.91	\$41.17	\$27.96	\$284.49	\$284.49	
61		HAUL OFF HAUL OFF	CY	3.7			0.185	0.68	\$41.17	\$7.62	\$27.90	\$27.90	
		BOLLARD											
62		4" DIA x 3'-6"H STEEL PIPE FILLED WITH CONCRETE & PAINTED (CLIENT PREFERENCE)	EA	17	\$405.00	\$6,885.00	3.000	51.00	\$53.44	\$160.31	\$2,725.33	\$9,610.33	

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N.A		ALRIG USA DEVELOPMENTS PROPOSED MULTI-TENANT DEVELOPMENT		SITE WORKS, CONCRETE & MASONRY			MAP: 300 LOT: 13A, 10 JUNGLE ROA CITY OF LEOMINSTER, WORCESTER COUNTY, MASSACHUSETTS						
LINE NO.	DWG REF./ CSI SEC.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	MATERIAL		LABOR					LINE TOTAL	TRADE TOTAL W/ S.TAX, O&P
					UNIT PRICE	TOTAL COST	UNIT LABOR HOUR	LABOR HOURS	LABOR RATE	UNIT PRICE	TOTAL COST		
	C-5	FOOTING											
63		1'-6" DIA x 4'-0"H CONCRETE FOOTING FOR BOLLARD	CY	4.4	\$273.80	\$1,217.94	6.415	28.54	\$51.06	\$327.56	\$1,457.09	\$2,675.04	
		EXCAVATION											
64		EXCAVATION PROVIDE FOR BOLLARD	CY	4.4			0.679	3.02	\$41.17	\$27.96	\$124.36	\$124.36	
	C-5	HAUL OFF											
65		HAUL OFF	CY	4.4			0.185	0.82	\$41.17	\$7.62	\$33.88	\$33.88	
	C-5	RETAINING WALL											
66		8" THICK. X 5'-0"H PROPOSED CMU RETAINING WALL W/ REINFORCMENT	SF	711.7	\$4.61	\$3,279.28	0.212	150.87	\$45.87	\$9.72	\$6,920.13	\$10,199.41	
	C-5	EXCAVATION											
67		EXCAVATION PROVIDE FOR RETAINING WALL	CY	26.3			0.679	17.86	\$41.17	\$27.96	\$735.17	\$735.17	
		HAUL OFF											
68		HAUL OFF	CY	15.8			0.185	2.92	\$41.17	\$7.62	\$120.18	\$120.18	
	C-5	ELECTRICAL LIGHT POLE											
		FOOTING											
69		2'-6" DIA x 5'-0"H CONCRETE FOOTING FOR LIGHT POLE W/ VERTICAL REINFORCEMENT BARS AND TIES AOACING 12" OVERLAP - CAST-IN-PLACE CONCRETE ROUND PIER FOUNDATION, 3000 PSI AIR-ENTRAINED CONCRETE	CY	5.8	\$273.80	\$1,592.08	6.415	37.30	\$51.06	\$327.56	\$1,904.69	\$3,496.78	
		EXCAVATION											
70		EXCAVATION PROVIDE FOR ELECTRICAL POLE	CY	5.8			0.679	3.95	\$41.17	\$27.96	\$162.56	\$162.56	
	C-5	HAUL OFF											
71		HAUL OFF	CY	5.8			0.185	1.08	\$41.17	\$7.62	\$44.29	\$44.29	
	C-5	FORMWORK											
72		FORMWORK REQUIRED	SF	1420	\$1.80	\$2,556.00	0.037	52.54	\$51.98	\$1.92	\$2,731.07	\$5,287.07	
	C-5	TRUCKING											
73		NO. OF TRUCKS FOR HAULLING OFF	HR	4.0			1.000	4.01	\$130.00	\$130.00	\$521.08	\$521.08	
	C7	UNDERGROUND INFILTRATION CHAMBER											
74		51"Wx30"Hx85.4"L UNDERGROUND INFILTRATION CHAMBER CHAMBER STORAGE: 45.9 CFT MIN INSTALLED STORAGE: 74.9CFT WEIGHT: 75LBS CHAMBER SHALL MEET THE REQUIREMENT OF ASTM F2418 NOTE: ASSUME 6" STONE ABOVE, BELOW AND BETWEEN CHAMBERS	EA	1	\$1,665.00	\$1,665.00	16.250	16.25	\$56.72	\$921.77	\$921.77	\$2,586.77	
75		GEOSYNTHETIC 601T NON-WOVEN GEOTEXTILE ALL AROUND CLEAN, CRUSHED, ANGULAR STONE	SF	8335	\$2.16	\$18,002.52	0.015	125.02	\$45.18	\$0.68	\$5,648.74	\$23,651.26	
76		EXCAVATION PROVIDED FOR INFILTRATION CHAMBER 4'-6" DEEP	CY	605			0.679	410.80	\$41.17	\$27.96	\$16,913.99	\$16,913.99	
77		BACKFILL WITH PERIMETER STONE, CLEAN , CRUSHED ANGULAR	CY	468	\$43.20	\$20,208.16	0.361	168.87	\$41.17	\$14.86	\$6,952.98	\$27,161.14	
78		BACKFILL WITH GRANULAR WELL GRADED SOIL/AGGREGATE MIXTURE	CY	67	\$22.50	\$1,512.50	0.361	24.27	\$41.17	\$14.86	\$999.17	\$2,511.67	

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					UNIT PRICE	TOTAL COST			LABOR RATE	UNIT PRICE	TOTAL COST		
79		BACKFILL WITH NATIVE SOIL	CY	67	\$11.25	\$756.25	0.361	24.27	\$41.17	\$14.86	\$999.17	\$1,755.42	
80		HAULING OFF EXTRA MATERIAL	CY	605			0.185	111.93	\$41.17	\$7.62	\$4,608.38	\$4,608.38	
		TRUCKING											
81	C7,C8	NO. OF TRUCKS FOR HAULLING OFF	HR	61			1.000	60.50	\$130.00	\$130.00	\$7,865.00	\$7,865.00	
		BASES											
82	C-5,C-13	2" THICK, APPROVED CLEAN CRUSHED STONE	SF	2545	\$0.72	\$1,832.32	0.012	30.54	\$46.31	\$0.56	\$1,414.19	\$3,246.52	
83		APPROVED COMPACTED SUBGRADE FOR SIDEWALK & RAMP	SF	682	\$0.87	\$595.03	0.014	9.54	\$46.31	\$0.65	\$441.89	\$1,036.91	
84		6" WELL-COMP. SAND BASE FOR TRASH ENCLOSURE	SF	34639	\$0.92	\$31,798.97	0.018	623.51	\$46.31	\$0.83	\$28,873.65	\$60,672.62	
85		8" THICK, APPROVED DENSE GRADED AGGREGATE - APPROVED COMPACTED SUBGRADE FOR ASPHALT PAVMENT	SF	74	\$1.02	\$75.26	0.021	1.55	\$46.31	\$0.97	\$71.96	\$147.22	
		12" THICK, APPROVED CLEAN CRUSHED STONE FOR TRANSFORMER PAD	SF										
		BASESS (BUILDING-A)											
86	A101	4" GRANULAR BASE COMPACTED TO 98% MAX. DENSITY FOR CONCRETE SLAB	SF	4355	\$0.86	\$3,723.53	0.014	60.97	\$46.31	\$0.65	\$2,823.42	\$6,546.94	
		BASESS (BUILDING-B)											
87	S101	9" GRANULAR BASE COMPACTED TO 98% MAX. DENSITY FOR CONCRETE SLAB	SF	2405	\$0.97	\$2,337.66	0.019	45.70	\$46.31	\$0.88	\$2,116.06	\$4,453.72	
		EROSION CONTROL											
		CONSTRUCTION ENTRANCE											
88	C-10	PROPOSED STABILIZED CONSTRUCTION ENTRANCE STONE SHALL BE ASTM C-33, SIZE No. 2 (2.5" TO 1.5") OR No. 3 (2" TO 1") CLEAN CRUSHED ANGULAR STONE. - GEOTEXTILE FABRIC	SF	2405	\$1.13	\$2,705.63	0.042	101.01	\$41.17	\$1.73	\$4,158.97	\$6,864.59	
		SILT FENCE											
89		SILT FENCE EMBED FABRIC 6" MINIMUM AND TAMP IN PLACE - 2" x 2" x 5'-0"H FENCE POST @ 8'-0" O.C. SECURELY FASTEN FABRIC TO POSTS - DRIVE POSTS PLUMB OR SLIGHTLY UPHILL - EMBED FABRIC 6" MINIMUM AND TAMP IN PLACE	LF	966	\$3.32	\$3,208.09	0.037	35.74	\$53.04	\$1.96	\$1,895.65	\$5,103.73	
		INLET FILTER											
90		PROPOSED INLET FILTER	EA	7	\$225.00	\$1,575.00	1.325	9.28	\$63.03	\$83.52	\$584.62	\$2,159.62	
	DIV. 33	UTILITIES	SUBTOTAL MATERIAL		\$	108,417	SUBTOTAL LABOR		\$	152,960	\$		261,377 \$
		UNDERGROUND PIPING											
91	C7,C8	12" HDPE	LF	647	\$10.19	\$6,598.62	0.159	102.94	\$45.99	\$7.31	\$4,733.60	\$11,332.22	
92		6" SANITARY PVC PIPE	LF	471	\$18.45	\$8,689.21	0.612	288.26	\$56.72	\$34.72	\$16,351.26	\$25,040.47	
93		4" SANITARY PVC PIPE	LF	248	\$18.90	\$4,695.14	0.500	124.21	\$56.72	\$28.36	\$7,045.69	\$11,740.83	
94		4" DIP DOMESTIC WATER SERVICE	LF	587	\$38.25	\$22,435.16	0.200	117.31	\$61.60	\$12.32	\$7,226.67	\$29,661.82	
95		2" TYPE K COPPER DOMESTIC WATER SERVICE	LF	175	\$27.00	\$4,734.72	0.299	52.51	\$63.03	\$18.88	\$3,309.99	\$8,044.71	
96		GAS SERVICE LINE	LF	522	\$7.70	\$4,019.71	0.288	150.36	\$49.44	\$14.23	\$7,433.42	\$11,453.13	
		CONNECTIONS											

CONSTRUCTION COST ESTIMATE BREAKDOWN

CONTRACTOR						ADDRESS								
						TOTAL MATERIAL COST							\$	370,698
						TOTAL LABOR COST							\$	488,831
						SUBTOTAL							\$	859,529
						SALES TAX						6.25%	\$	23,169
						LABOR BURDEN						10.00%	\$	48,883
						OVERHEAD & PROFIT						25.00%	\$	214,882
						BONDING						2.00%	\$	22,929
						CONTINGENCY / WASTAGE						5.00%	\$	42,976
						PROPOSED PROJECT AMOUNT							\$	1,212,368
						TOTAL MANHOURS								7842.23
DATE		PROJECT NAME		SCOPE OF WORK			PROJECT LOCATION							
N.A		ALRIG USA DEVELOPMENTS PROPOSED MULTI-TENANT DEVELOPMENT		SITE WORKS, CONCRETE & MASONRY			MAP: 300 LOT: 13A, 10 JUNGLE ROA CITY OF LEOMINSTER, WORCESTER COUNTY, MASSACHUSETTS							
LINE NO.	DWG REF./ CSI SEC.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	MATERIAL		LABOR					LINE TOTAL	TRADE TOTAL W/ S.TAX, O&P	
					UNIT PRICE	TOTAL COST	UNIT LABOR HOUR	LABOR HOURS	LABOR RATE	UNIT PRICE	TOTAL COST			
97		CONNECTION TO EXISTING WATER MAINS	EA	2	\$166.50	\$333.00	1.000	2.00	\$63.03	\$63.03	\$126.06	\$459.06		
98		CONNECTION TO EXISTING GAS MAINS	EA	1	\$70.20	\$70.20	0.800	0.80	\$63.03	\$50.43	\$50.43	\$120.63		
99		CONNECTION TO EXISTING SANITARY MANHOLES	EA	1	\$247.50	\$247.50	1.333	1.33	\$63.03	\$84.02	\$84.02	\$331.52		
100		CONNECTION TO EXISTING UTILITY POLE	EA	1	\$40.50	\$40.50	0.378	0.38	\$59.95	\$22.66	\$22.66	\$63.16		
101		GAS CONNECTION TO BUILDING	EA	2	\$70.20	\$140.40	0.800	1.60	\$63.03	\$50.43	\$100.85	\$241.25		
102		2" DOMESTIC WATER CONNECTION TO BUILDING	EA	2	\$16.83	\$33.66	0.371	0.74	\$63.03	\$23.38	\$46.77	\$80.43		
103		SANITARY CONNECTION TO BUILDING	EA	2	\$135.00	\$270.00	0.800	1.60	\$63.03	\$50.43	\$100.85	\$370.85		
104		GREASE WASTE CONNECTION	EA	1	\$135.00	\$135.00	0.800	0.80	\$63.03	\$50.43	\$50.43	\$185.43		
105		RESET EXISTING GRATE FLUSH	EA	1			1.250	1.25	\$63.03	\$78.79	\$78.79	\$78.79		
106		GAS VALVE	EA	1	\$67.50	\$67.50	0.325	0.33	\$63.03	\$20.49	\$20.49	\$87.99		
107		WATER VALVE	EA	2	\$76.50	\$153.00	0.325	0.65	\$63.03	\$20.49	\$40.97	\$193.97		
108		4" TO 2" REDUCER	EA	1	\$22.50	\$22.50	0.500	0.50	\$63.03	\$31.52	\$31.52	\$54.02		
109		BASIN CONNECTION	EA	3	\$166.50	\$499.50	1.000	3.00	\$63.03	\$63.03	\$189.10	\$688.60		
		STORM STRUCTURES												
110		3'-4"Wx3'-11"D 1500 GALLONS GREASE TRAP WITH - INTEGRAL AIR RELIEF/ ANTI SIPHON AND INSPECTION PORT - 24-1/2" DIA COVER ADAPTER WITH UPTO 4" OF ADJUSTABILITY - INLET AND OUTLET DIFFUSER	EA	1	\$15,897.42	\$15,897.42	55.000	55.00	\$55.17	\$3,034.29	\$3,034.29	\$18,931.71		
111		6'-0" DIA PRECAST UNDERGROUND OUTLET STRUCTURE WITH - 6' HT WEIR - TRASH RACK - 2 MANHOLE COVER (H25 LOADING) - 8" REINFORCED CONCRETE LID TO SUPPORT H-25 VEHICULAR LOADING	EA	1	\$4,342.50	\$4,342.50	47.864	47.86	\$55.17	\$2,640.60	\$2,640.60	\$6,983.10		
112		4'-0" DIA PRECAST STORM STRUCTURE MANHOLE W/ 30" DIA OPENING - FRAME AND COVER TO BE CAST-IRON AND SUPPORT MIN H-25 LOADING - MANHOLE LADDER RUNGS - PRECAST SECTIONS SHALL BE JOINED USING A GASKET AND CEMENT GROUT TO PRODUCE A LEAK-FREE JOINT	EA	2	\$2,092.50	\$4,185.00	34.568	69.14	\$55.17	\$1,907.10	\$3,814.20	\$7,999.20		
113		4'-0" DIA PRECAST SANITARY STRUCTURE MANHOLE W/ 30" DIA OPENING - FRAME AND COVER TO BE CAST-IRON AND SUPPORT MIN H-25 LOADING - MANHOLE LADDER RUNGS - PRECAST SECTIONS SHALL BE JOINED USING A GASKET AND CEMENT GROUT TO PRODUCE A LEAK-FREE JOINT	EA	1	\$2,092.50	\$2,092.50	34.568	34.57	\$55.17	\$1,907.10	\$1,907.10	\$3,999.60		
114		4'-0" DIA , 6'-6" H PRECAST WITH 24" MIN SQUARE OPENING DEEP SUMP CATCHBASIN - PROVIDE CATCHBASIN HOOD LEBARON CATALOG NO L-202 OR EQUAL - MIN DEPTH OF SUMP TO BE 2FT	EA	6	\$2,239.20	\$13,435.20	38.225	229.35	\$55.17	\$2,108.83	\$12,653.01	\$26,088.21		
115		SANITARY CLEANOUT - SET CASTING ASSEMBLY IN 24" X 24" 4000PSI CONCRETE PAD OR USE CHRISTY VALVE BOX WITH CAST IRON LID - TAPPED, BRASS (OR PVC), WATERTIGHT CLEANOUT PLUG LABELED "STORM" OR "SEWER" AS APPROPRIATE	EA	5	\$1,125.00	\$5,625.00	16.250	81.25	\$55.17	\$896.50	\$4,482.48	\$10,107.48		
		TRENCHING												
116	C7,C8	EXCAVATION PROVIDED FOR UTILITIES	CY	1622			0.679	1101.02	\$41.17	\$27.96	\$45,333.08	\$45,333.08		
117		BACKFILL PROVIDED FOR PIPE TRENCHES	CY	1105			0.361	398.72	\$41.17	\$14.86	\$16,417.00	\$16,417.00		
118		HAULING OFF EXTRA MATERIAL	CY	517			0.185	95.65	\$41.17	\$7.62	\$3,938.28	\$3,938.28		
119		NO. OF TRUCKS FOR HAULLING OFF	HR	51.70			1.000	51.70	\$130.00	\$130.00	\$6,721.37	\$6,721.37		
		GRAVEL BACKFILL												

CONSTRUCTION COST ESTIMATE BREAKDOWN

CONTRACTOR					ADDRESS								
					TOTAL MATERIAL COST								
					TOTAL LABOR COST								
					SUBTOTAL								
					SALES TAX 6.25%								
					LABOR BURDEN 10.00%								
					OVERHEAD & PROFIT 25.00%								
					BONDING 2.00%								
					CONTINGENCY / WASTAGE 5.00%								
					PROPOSED PROJECT AMOUNT								
					TOTAL MANHOURS								
DATE		PROJECT NAME		SCOPE OF WORK			PROJECT LOCATION						
N.A		ALRIG USA DEVELOPMENTS PROPOSED MULTI-TENANT DEVELOPMENT		SITE WORKS, CONCRETE & MASONRY			MAP: 300 LOT: 13A, 10 JUNGLE ROA CITY OF LEOMINSTER, WORCESTER COUNTY, MASSACHUSETTS						
LINE NO.	DWG REF./ CSI SEC.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	MATERIAL		LABOR					LINE TOTAL	TRADE TOTAL W/ S.TAX, O&P
					UNIT PRICE	TOTAL COST	UNIT LABOR HOUR	LABOR HOURS	LABOR RATE	UNIT PRICE	TOTAL COST		
120	C7,C8	6" TH APPROVED CLEAN, CRUSHED STONE IN PIPE TRENCHES	CY	221	\$43.20	\$9,543.60	0.361	79.75	\$41.17	\$14.86	\$3,283.65	\$12,827.25	
121		12" TH MIN 3/4" CLEANED CRUSH STONE FOR OUTLET STRUCTURES	CY	2	\$43.20	\$80.38	0.361	0.67	\$41.17	\$14.86	\$27.66	\$108.04	
122		6" TH, 3/4" CLEAN STONE FOR STORM MANHOLE STRUCTURE	CY	0.5	\$43.20	\$20.10	0.361	0.17	\$41.17	\$14.86	\$6.91	\$27.01	
123		6" TH, 3/4" CLEAN STONE FOR SANITARY MANHOLE STRUCTURE	CY	0.2	\$43.20	\$10.05	0.361	0.08	\$41.17	\$14.86	\$3.46	\$13.51	
		UTILITIES STRUCTURES EARTHWORK											
124	C7,C8	EXCAVATION PROVIDED FOR GREASE TRAP	CY	2			0.679	1.34	\$41.17	\$27.96	\$55.17	\$55.17	
125		EXCAVATION PROVIDED FOR UNDERGROUND OUTLET STRUCTURE 6'-0" DIA AND 8'-0" DEPTH	CY	8			0.679	5.69	\$41.17	\$27.96	\$234.09	\$234.09	
126		EXCAVATION PROVIDED FOR STORMWATER MANHOLE	CY	4			0.679	2.53	\$41.17	\$27.96	\$104.04	\$104.04	
127		EXCAVATION PROVIDED FOR SANITARY MANHOLE	CY	2			0.679	1.26	\$41.17	\$27.96	\$52.02	\$52.02	
128		EXCAVATION PROVIDED FOR DEEP SUMP CATCHBASIN	CY	18			0.679	12.32	\$41.17	\$27.96	\$507.20	\$507.20	
		HAULOFF											
129	C7,C8	HAULING OFF EXTRA MATERIAL	CY	34			0.185	6.29	\$41.17	\$7.62	\$258.98	\$258.98	
		TRUCKING											
130	C7,C8	NO. OF TRUCKS FOR HAULLING OFF	HR	3			1.000	3.40	\$130.00	\$130.00	\$442.00	\$442.00	