DG Frondorf and Associates LLC Civil-Sitework Quantity Takeoff Summary and Pricing Estimate

COVINGTON CENTRAL RIVERFRONT - DD CIVIL COST ESTIMATE Covington, KY 17-Jan-23 revised from 01/13/23

## all takeoffs are from plans provided by KZF on various dates geotech report has NOT been reviewed - all quantities are raw; no shrink or swell has been applied all work is assumed to be in the base bid; no addenda have been reviewed

all work is assumed to be in the base bid; no add	denda have been	reviewed				DD-SD		DD-SD
WORK AREA	Quantity	Unit	Unit Cost	Total	SD quan	quan. delta	SD cost	cost delta
overall disturbed area	821,104.00	SQ FT	n/a	n/a	834,443.00	(13,339.00)	n/a	
						DD-SD		DD-SD
SITE DEMO	Quantity	Unit	Unit Cost	Total	SD quan	quan. delta	SD cost	cost delta
demo fence incl footers/curb demo pavements	4,200.00 8,000.00	LIN FT SQ FT	\$12.00 \$2.00	\$50,400.00 \$16,000.00	4,200.00 8,000.00	0.00 0.00		
allowance for additional demo	1.00	LUMP	\$25,000.00	\$25,000.00	1.00	0.00		
subtotal: SITE DEMO	1.00	20111	Q20,000.00	\$91,400.00		\$0.00	\$91,400.00	\$0.00
						DD-SD		DD-SD
EROSION CONTROL	Quantity	Unit	Unit Cost	Total	SD quan	quan. delta	SD cost	cost delta
Temporary Construction Entrance	2,000.00	SQ FT	\$4.50	\$9,000.00	2,000.00	0.00		
Inlet Filter on existing CB Inlet Filter on new CB	24.00 40.00	EACH EACH	\$200.00 \$200.00	\$4,800.00 \$8,000.00	24.00 40.00	0.00 0.00		
Concrete Washout	2.00	EACH	\$1.500.00	\$3.000.00	2.00	0.00		
Silt Fence	4.000.00	LIN FT	\$4.00	\$16,000.00	4.000.00	0.00		
Temporary Seeding	56,210.00	SQ YD	\$1.00	\$56,210.00	59,276.00	(3,066.00)		
Misc. SWPP Features	1.00	LUMP	\$10,000.00	\$10,000.00	1.00	0.00		
subtotal: EROSION CONTROL				\$107,010.00			\$110,076.00	(\$3,066.00)
EARTHWORK	Quantity	Unit	Unit Cost	Total	SD quan	DD-SD	SD cost	DD-SD cost delta
Cut to Fill	21,988.00	CUB YD	\$12.00	\$263,856.00	20,247.00	quan. delta 1,741.00	SD COSI	cost deita
Import to Fill	97,634.00	CUB YD	\$24.00	\$2,343,216.00	84,572.00	13,062.00		
Pavement Subgrade Prep	21,260.00	SQ YD	\$2.00	\$42,520.00	31,198.00	(9,938.00)		
Building Pad Subgrade	123,868.00	SQ FT	\$0.50	\$61,934.00	130,000.00	(6,132.00)		
Rough Grade South Face of Existing Levee	13,500.00	SQ YD	\$2.50	\$33,750.00	13,500.00	0.00		
Fine Grade Non Pavement - Subgrade Prep	56,210.00	SQ YD	\$1.25	\$70,262.50	59,276.00	(3,066.00)		
Backfill Garage Exterior Wall, 12" width granular fill	478.00	CUB YD	\$72.00	\$34,416.00	518.00	(40.00)		
6" Perforated PVC Footer Drain	1,600.00	LIN FT	\$24.00	\$38,400.00	1,600.00	0.00		
Connect Footer Drain to Storm System subtotal: EARTHWORK	1.00	EACH	\$2,500.00	\$2,500.00	1.00	0.00	\$2 596 420 00	\$204 725 50
Subiolai: EARTHWORK				\$2,890,854.50			\$2,586,129.00	\$304,725.50
						DD-SD		DD-SD
HARD SURFACES - PAVEMENTS	Quantity	Unit	Unit Cost	Total	SD quan	quan. delta	SD cost	cost delta
header curb	5,579.00	LIN FT	\$30.00	\$167,370.00	7,008.00	(1,429.00)		
integral (lug) curb	0.00	LIN FT	\$0.00	\$0.00	4,169.00	(4,169.00)		
valley gutter (curb and gutter in SD)	3,182.00	LIN FT	\$36.00	\$114,552.00	764.00	2,418.00		
conc steps	0.00	SQ FT	\$82.00	\$0.00	324.00	(324.00)		
new street asphalt pavement street pavement repair at new curbs, 24" wide	89,172.00 0.00	SQ FT SQ FT	\$6.60 \$0.00	\$588,535.20 \$0.00	117,438.00 6,590.00	(28,266.00) (6,590.00)		
lime stabilized subgrade, 18" depth	9,908.00	SQ YD	\$12.50	\$123,850.00	0.00	9,908.00		
non woven geotextile	9,908.00	SQ YD	\$3.00	\$29,724.00	0.00	9,908.00		
conc SW	34,190.00	SQ FT	\$6.75	\$230,782.50	71,593.00	(37,403.00)		
conc SW	0.00	SQ FT	\$0.00	\$0.00	1,990.00	(1,990.00)		
brick vehicular pavers	8,866.00	SQ FT	\$27.00	\$239,382.00	27,596.00	(18,730.00)		
pedestrian pavers, sidewalks	10,349.00	SQ FT	\$24.00	\$248,376.00	29,680.00	(19,331.00)		
pedestrian pavers, levee plaza	0.00	SQ FT	\$0.00	\$0.00	1,790.00	(1,790.00)		
levee walking paths - allowance	24,108.00	SQ FT	\$4.00	\$96,432.00	24,108.00	0.00		
cheek wall at conc steps curb ramp with detectable warning	0.00 60.00	LIN FT EACH	\$220.00 \$800.00	\$0.00 \$48,000.00	80.00 60.00	(80.00) 0.00		
subtotal: HARD SURFACES - PAVEMENTS		EACH	\$000.00	\$1,887,003.70	60.00	0.00	\$3,624,369.00	(\$1,737,365.30)
				\$ 1,001,000.10			\$0,021,000.00	(+ 1,1 01,000.00)
						DD-SD		DD-SD
STORMWATER DRAINAGE	Quantity	Unit	Unit Cost	Total	SD quan	quan. delta	SD cost	cost delta
24" HDPE storm pipe (avg size), assumes <6.0' dee		LIN FT	\$0.00	\$0.00	4,216.00	(4,216.00)		
12" HDPE storm pipe, assumes <6.0' deep	840.00	LIN FT	\$48.00	\$40,320.00	0.00	840.00		
15" HDPE storm pipe, assumes <6.0' deep 18" HDPE storm pipe, assumes <6.0' deep	520.00 1,444.00	LIN FT LIN FT	\$50.00 \$58.00	\$26,000.00 \$83,752.00	0.00 0.00	520.00 1,444.00		
24" HDPE storm pipe, assumes <6.0' deep	63.00	LIN FT	\$68.00	\$4,284.00	0.00	63.00		
30" HDPE storm pipe, assumes <6.0' deep	1,528.00	LIN FT	\$82.00	\$125,296.00	0.00	1,528.00		
36" HDPE storm pipe, assumes <6.0' deep	536.00	LIN FT	\$96.00	\$51,456.00	0.00	536.00		
Catch Basin Double Gutter, assume <4.0' deep	47.00	EACH	\$3,500.00	\$164,500.00	40.00	7.00		
48" Storm MH, assumes >8.0'<12.0' deep	32.00	EACH	\$4,500.00	\$144,000.00	25.00	7.00		
Connect to Ex. Storm System	4.00	EACH	\$2,500.00	\$10,000.00 <b>\$649,608.00</b>	4.00	0.00	\$640 272 00	9 226 00
subtotal: STORMWATER DRAINAGE				9049,0U8.UU			\$640,372.00	9,236.00
						DD-SD		DD-SD
SANITARY SEWER	Quantity	Unit	Unit Cost	Total	SD quan	quan. delta	SD cost	cost delta
8" PVC sanitary lateral	572.00	LIN FT	\$72.00	\$41,184.00	246.00	326.00		
12" PVC sanitary lateral	1,007.00	LIN FT	\$84.00	\$84,588.00	0.00	1,007.00		
36" PCCP sanitary main	1,449.00	LIN FT	\$384.00	\$556,416.00	246.00	1,203.00		
48" Storm MH, assumes >8.0'<12.0' deep 60" Storm MH, assumes >8.0'<12.0' deep	8.00	EACH	\$6,000.00 \$7,500.00	\$48,000.00 \$67,500.00	0.00	8.00		
60" Storm MH, assumes >8.0<12.0 deep Connect to Ex. Sanitary System (taps)	9.00 37.00	EACH	\$2,000.00	\$67,500.00 \$74,000.00	12.00 4.00	(3.00) 33.00		
Clean and Line ex 42" Conc Sanitary Sewer Main	445.00	LIN FT	\$2,000.00 \$900.00	\$400,500.00	4.00 445.00	0.00		
subtotal: SANITARY SEWER			,	\$1,272,188.00			\$587,788.00	\$684,400.00
						DD-SD		DD-SD
WATER SERVICE	Quantity	Unit	Unit Cost	Total	SD quan	quan. delta	SD cost	cost delta
8" DIP WM, restrained joints	3,675.00	LIN FT	\$100.00	\$367,500.00	2,904.00	771.00 8.00		
8" GV incl box Fire Hydrant Assembly	33.00 6.00	EACH EACH	\$10,000.00 \$6,500.00	\$330,000.00 \$39,000.00	25.00 9.00	(3.00)		
Domestic Water Services	39.00	EACH	\$5.000.00	\$195,000.00	0.00	39.00		
Connect to Ex. Water Service	2.00	EACH	\$5,000.00	\$10,000.00	2.00	0.00		
subtotal: WATER SERVICE				\$941,500.00			\$468,730.00	\$472,770.00

						DD-SD		DD-SD
ELEC/TELECOM/SITE LIGHTING	Quantity	Unit	Unit Cost	Total	SD quan	quan. delta	SD cost	cost delta
elec duct bank, 8x6" conc encased	5,145.00	LIN FT	\$220.00	\$1,131,900.00	2111	3,034.00		
elec duct bank, 6x4", conc encased	525.00	LIN FT	\$200.00	\$105,000.00	525	0.00		
elec MH	13.00	EACH	\$17,500.00	\$227,500.00	4	9.00		
telecom duct bank, 2x6", conc encased	4,778.00	LIN FT	\$160.00	\$764,480.00	2636	2,142.00		
telecom MH	11.00	EACH	\$17,500.00	\$192,500.00	4	7.00		
site lighting, pole, base, lamp (street grid, excl garage deck)	30.00	EACH LIN FT	\$17,500.00 \$48.00	\$525,000.00 \$230,400.00	30 4800	0.00		
site lighting, conduits in duct bank (street grid, excl garage de traffic signal allowance	4.00	EACH	\$48.00 \$200,000.00	\$230,400.00	4800	0.00		
subtotal: ELEC/TELECOM/SITE LIGHTING	4.00	EACH	\$200,000.00	\$3,976,780.00	4	0.00	\$2,949,800.00	\$1,026,980.00
				\$5,575,755.00			<i>\_</i> ,545,000.00	\$1,020,000.00
						DD-SD		DD-SD
LANDSCAPES/GARAGE DECK FEATURES	Quantity	Unit	Unit Cost	Total	SD quan	quan. delta	SD cost	cost delta
large block modular walls, south face of levee	3,668.00	SQ FT	\$90.00	\$330,120.00	5600	(1,932.00)		
pedestrian pavers, levee plaza	11,650.00	SQ FT	\$21.00	\$244,650.00	1790	9,860.00		
precast seat walls, 24" x 24"	4,745.00	SQ FT	\$280.00	\$1,328,600.00	3313	1,432.00		
precast steps, 6x18	555.00	LIN FT LIN FT	\$300.00 \$325.00	\$166,500.00	1104 0	(549.00)		
precast steps, 12x36 precast steps, 18x12	104.00 178.00	LINFT	\$350.00	\$33,800.00 \$62,300.00	0	104.00 178.00		
CIP steps, on deck, excl handrails	0.00	SQ FT	\$82.00	\$0.00	ő	0.00		
60" tall aluminum safety fence	510.00	LIN FT	\$80.00	\$40,800.00	ŏ	510.00		
1.5" OD steel handrail	238.00	LIN FT	\$80.00	\$19,040.00	80	158.00		
deciduous tree on grade	164.00	EACH	\$850.00	\$139,400.00	164	0.00		
deciduous tree on garage deck	66.00	EACH	\$1,000.00	\$66,000.00	66	0.00		
tree anchors, trees on garage deck	57.00	EACH	\$1,000.00	\$57,000.00	57	0.00		
tree grate on grade	0.00	EACH	\$1,750.00	\$0.00	32	(32.00)		
tree grate on garage deck	0.00	EACH	\$2,000.00	\$0.00	13	(13.00)		
Irrigation allowance	1.00	LUMP CUB YD	\$150,000.00 \$42.00	\$150,000.00 \$393,498.00	1 10546	0.00		
Import/Place Topsoil, on grade, 6" in all unbuilt/paved an planting soil, trees on grade, 2 CY per tree	328.00	CUB YD CUB YD	\$42.00 \$60.00	\$393,498.00 \$19,680.00	10546 328	(1,177.00) 0.00		
planting soil, dees on grade, 2 Gr per dee planting soil, garage deck pits and planters, 36" avg dep		CUB YD	\$60.00	\$105.060.00	1751	0.00		
planter bed subdrainage on garage deck	15.754.00	SQ FT	\$2.00	\$31,508.00	15754	0.00		
silva cell units: 8 per tree on deck; excl soil	528.00	EACH	\$400.00	\$211.200.00	0	528.00		
concrete surface on garage deck, 7.375" depth	6,650.00	SQ FT	\$5.00	\$33,250.00	37521	(30,871.00)		
agg surface, 2" decomp. granite over 6" agg base	4,885.00	SQ FT	\$21.00	\$102,585.00	0	4,885.00		
sodded lawn on levee plaza	9,980.00	SQ FT	\$2.00	\$19,960.00	0	9,980.00		
12" engineered soil at lawn on deck	370.00	CUB YD	\$54.00	\$19,980.00	0	370.00		
sodded lawn, Russell Street	14,804.00	SQ FT	\$2.00	\$29,608.00	9502	5,302.00		
12" painted stop bar	240.00	LIN FT	\$6.00	\$1,440.00	224	16.00		
12" painted crosswalk piano keys painted arrow	1,454.00 26.00	LIN FT FACH	\$6.00 \$125.00	\$8,724.00 \$3.250.00	1536 0	(82.00) 26.00		
street level tables/4 seats, at grade	18.00	EACH	\$2,500.00	\$45,000.00	18.00	0.00		
table/4 chair, on garage deck	98.00	EACH	\$2,500.00	\$245,000.00	98.00	0.00		
table/6 chair, on garage deck	9.00	EACH	\$3,500.00	\$31,500.00	9.00	0.00		
allowance for other site furnishings	1.00	LUMP	\$100,000.00	\$100,000.00	1.00	0.00		
	72.00		\$1,750.00	\$126,000,00				
decorative bollards	12.00	EACH	\$1,750.00	\$120,000.00	136.00	(64.00)		
subtotal: LANDSCAPES/GARAGE DECK F		EACH	\$1,750.00	\$4,165,453.00	136.00	(64.00)	\$6,214,439.00	(\$2,048,986.00)
subtotal: LANDSCAPES/GARAGE DECK F		EACH	\$1,750.00	\$4,165,453.00	136.00	(64.00)		(\$2,048,986.00)
		EACH	\$1,750.00		136.00	(64.00)	\$6,214,439.00 \$17,273,103.00	(\$2,048,986.00)
subtotal: LANDSCAPES/GARAGE DECK F		EACH	\$1,750.00	\$4,165,453.00	136.00	. ,		
subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS:	EATURES		Unit Cost	\$4,165,453.00		DD-SD	\$17,273,103.00	(\$2,048,986.00) DD-SD cost delta
subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration)		Unit		\$4,165,453.00 \$15,981,797.20	SD quan	. ,	\$17,273,103.00 SD cost	DD-SD
subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex)	Quantity 4,200.00 7,200.00	<b>Unit</b> LIN FT SQ FT	<b>Unit Cost</b> \$40.00 \$6.00	\$4,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00	<b>SD quan</b> 4,200.00 7,200.00	DD-SD quan. delta 0.00	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00	DD-SD cost delta \$0.00 \$0.00
subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex) Temporary Office (onsite)	Quantity 4,200.00 7,200.00 18.00	<b>Unit</b> LIN FT SQ FT MONTH	Unit Cost \$40.00 \$6.00 \$5,000.00	\$4,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00 \$90,000.00	<b>SD quan</b> 4,200.00 7,200.00 18.00	DD-SD quan. delta 0.00 0.00 0.00	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$90,000.00	DD-SD cost delta \$0.00 \$0.00 \$0.00
subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex) Temporary Office (nosite) Temporary Utility Usage	Quantity 4,200.00 7,200.00 18.00	<b>Unit</b> LIN FT SQ FT MONTH MONTH	Unit Cost \$40.00 \$6.00 \$5,000.00 \$5500.00	\$4,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00 \$90,000.00 \$9,000.00	<b>SD quan</b> 4,200.00 7,200.00 18.00 18.00	DD-SD quan. delta 0.00 0.00 0.00 0.00 0.00	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$90,000.00 \$9,000.00	DD-SD cost delta \$0.00 \$0.00 \$0.00 \$0.00
subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12° agg/geotex) Temporary Utilice (onsite) Temporary Utilice Sages Contractor's Hiov Bage	Quantity 4,200.00 7,200.00 18.00 18.00	Unit LIN FT SQ FT MONTH MONTH MONTH	Unit Cost \$40.00 \$6.00 \$5.00.00 \$500.00 \$1,000.00	\$4,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00 \$99,000.00 \$18,000.00 \$18,000.00	<b>SD quan</b> 4,200.00 7,200.00 18.00 18.00 18.00	DD-SD quan. delta 0.00 0.00 0.00 0.00 0.00 0.00	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$90,000.00 \$9,000.00 \$18,000.00	DD-SD cost delta \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex) Temporary Utility Usage Contractor's Home Office Contribution Project Engineer, 160 HR/MONTH	Quantity 4,200.00 7,200.00 18.00 18.00 18.00 2,880.00	Unit LIN FT SQ FT MONTH MONTH HOUR	Unit Cost \$40.00 \$6.00 \$5,000.00 \$500.00 \$100.00 \$100.00	\$4,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00 \$9,000.00 \$9,000.00 \$18,000.00 \$18,000.00 \$288,000.00	<b>SD quan</b> 4,200.00 7,200.00 18.00 18.00 18.00 2,880.00	DD-SD quan. delta 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$90,000.00 \$43,000.00 \$18,000.00 \$288,000.00	DD-SD cost delta \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex) Temporary Office (nosite) Temporary Unity Usage Contractor's Home Office Contribution Project Engineer, 160 HR/MONTH Project Manager, 160 HR/MONTH	Quantity 4,200.00 7,200.00 18.00 18.00 2,880.00 2,880.00 2,880.00	Unit LIN FT SQ FT MONTH MONTH HOUR HOUR	Unit Cost \$40.00 \$5.00.00 \$500.00 \$1000.00 \$100.00 \$125.00	\$4,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00 \$90,000.00 \$99,000.00 \$18,000.00 \$288,000.00	SD quan 4,200.00 7,200.00 18.00 18.00 2,880.00 2,880.00	DD-SD quan. delta 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$90,000.00 \$9,000.00 \$18,000.00 \$288,000.00 \$360,000.00	DD-SD cost delta \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex) Temporary Utility Usage Contractor's Home Office Contribution Project Engineer, 160 HR/MONTH Project Manager, 160 HR/MONTH Project Manager, 160 HR/MONTH	Quantity 4,200.00 7,200.00 18.00 18.00 18.00 2,880.00 2,880.00 2,880.00	Unit LIN FT SQ FT MONTH MONTH HOUR	Unit Cost \$40.00 \$5.00 \$5.000 \$5.000.00 \$1.000.00 \$1000.00 \$125.00 \$75.00	\$4,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00 \$90,000.00 \$90,000.00 \$18,000.00 \$288,000.00 \$288,000.00 \$246,000.00	<b>SD quan</b> 4,200.00 7,200.00 18.00 18.00 18.00 2,880.00	DD-SD quan. delta 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$9,000.00 \$9,000.00 \$18,000.00 \$288,000.00 \$360,000.00 \$216,000.00	DD-SD cost delta \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex) Temporary Utility Usage Contractor's Home Office Contribution Project Engineer, 160 HR/MONTH Project Manager, 160 HR/MONTH Project Clerk, 160 HR/MONTH Premium on Performance Bond	Quantity 4,200.00 7,200.00 18.00 18.00 2,880.00 2,880.00 2,880.00 2,880.00 1.50%	Unit LIN FT SQ FT MONTH MONTH HOUR HOUR HOUR	Unit Cost \$40.00 \$5.000.00 \$500.00 \$1000.00 \$125.00 \$75.00 \$15.981.797.20	\$4,165,453.00 \$15,981,797.20 Total \$188,000.00 \$43,200.00 \$90,000.00 \$18,000.00 \$289,000.00 \$289,00000 \$280,0000 \$280,000000000000000000000000000000000	<b>SD quan</b> 4,200.00 7,200.00 18.00 18.00 2,880.00 2,880.00 2,880.00 2,880.00	DD-SD quan. delta 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$9,000.00 \$9,000.00 \$18,000.00 \$288,000.00 \$288,000.00 \$288,000.00 \$286,006.55	DD-SD cost delta \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 (\$19,369.59)
subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex) Temporary Utility Usage Contractor's Home Office Contribution Project Engineer, 160 HR/MONTH Project Manager, 160 HR/MONTH Project Manager, 160 HR/MONTH	Quantity 4,200.00 7,200.00 18.00 18.00 18.00 2,880.00 2,880.00 2,880.00	Unit LIN FT SQ FT MONTH MONTH HOUR HOUR	Unit Cost \$40.00 \$5.00 \$5.000 \$5.000.00 \$1.000.00 \$1000.00 \$125.00 \$75.00	\$4,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00 \$90,000.00 \$90,000.00 \$18,000.00 \$288,000.00 \$288,000.00 \$246,000.00	SD quan 4,200.00 7,200.00 18.00 18.00 2,880.00 2,880.00	DD-SD quan. delta 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$9,000.00 \$9,000.00 \$18,000.00 \$288,000.00 \$360,000.00 \$216,000.00	DD-SD cost delta \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex) Temporary Utility Usage Contractor's Home Office Contribution Project Angineer, 160 HR/MONTH Project Manager, 160 HR/MONTH Project Clerk, 160 HR/MONTH Project Clerk, 160 HR/MONTH Project Clerk, 160 HR/MONTH Project Angina Layout, 40 HR/MONTH	Quantity 4,200,00 7,200,00 18,00 18,00 2,880,00 2,880,00 2,880,00 1,50% 720,00 18,00	Unit LIN FT SQ FT MONTH MONTH HOUR HOUR HOUR HOUR	Unit Cost \$40.00 \$5,000.00 \$500.00 \$100.00 \$100.00 \$125.00 \$75.00 \$15,981,797.20 \$220.00	\$4,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00 \$9,000.00 \$9,000.00 \$280,000.00 \$280,000.00 \$280,000.00 \$280,000.00 \$280,000.00 \$246,000.00 \$216,000.00 \$219,726,86 \$144,000.00	SD quan 4,200.00 7,200.00 18.00 18.00 2,880.00 2,880.00 2,880.00 2,880.00 720.00	DD-SD quan. delta 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$90,000.00 \$18,000.00 \$288,000.00 \$288,000.00 \$26,000.00 \$216,000.00 \$216,000.00 \$259,096.55 \$144,000.00	DD-SD cost delta \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex) Temporary Utility Usage Contractor's Home Office Contribution Project Engineer, 160 HR/MONTH Project Manager, 160 HR/MONTH Project Clerk, 160 HR/MONTH Project Clerk, 160 HR/MONTH Premium on Performance Bond Surveying and Layout, 40 HR/MONTH	Quantity 4,200,00 7,200,00 18,00 18,00 2,880,00 2,880,00 2,880,00 1,50% 720,00 18,00	Unit LIN FT SQ FT MONTH MONTH HOUR HOUR HOUR HOUR MONTH	Unit Cost \$40.00 \$5,000.00 \$500.00 \$100.00 \$100.00 \$125.00 \$75.00 \$15,981,797.20 \$220.00	S4, 165, 463.00           \$15,981,797.20           Total           \$168,000.00           \$43,200.00           \$9,000.00           \$280,000.00           \$280,000.00           \$280,000.00           \$280,000.00           \$2416,000.00           \$214,000.00           \$214,000.00           \$214,000.00           \$390,000.00	SD quan 4,200.00 7,200.00 18.00 18.00 2,880.00 2,880.00 2,880.00 2,880.00 720.00	DD-SD quan. delta 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$90,000.00 \$18,000.00 \$18,000.00 \$288,000.00 \$288,000.00 \$289,096.55 \$144,000.00 \$180,000.00	DD-SD cost delta \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 (\$19,369.59) \$0.00 (\$19,369.59) \$0.00
subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex) Temporary Uffice (nosite) Temporary Uffice (nosite) Temporary Uffice (consite) Project Anager, 160 HR/MONTH Project Cens, 160 HR/MONTH Preimium on Performance Bond Surveying and Layout, 40 HR/MONTH Maintenance of Traffic subtotal: GENERAL CONDITIONS (18 mon	Quantity 4,200,00 7,200,00 18,00 18,00 2,880,00 2,880,00 2,880,00 1,50% 720,00 18,00	Unit LIN FT SQ FT MONTH MONTH HOUR HOUR HOUR HOUR MONTH GCs as a p	Unit Cost \$40.00 \$5.000 \$500.00 \$100.00 \$125.00 \$75.00 \$15.981,797.20 \$200.00 \$5,000.00	\$4,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00 \$90,000.00 \$90,000.00 \$280,000.00 \$280,000.00 \$280,000.00 \$239,708.96 \$144,000.00 \$239,728.96 \$144,000.00 \$390,000.00 \$31,665,928.96	SD quan 4,200.00 7,200.00 18.00 18.00 2,880.00 2,880.00 2,880.00 720.00 18.00	DD-SD quan. delta 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$90,000.00 \$18,000.00 \$18,000.00 \$288,000.00 \$288,000.00 \$289,096.55 \$144,000.00 \$180,000.00	DD-SD cost delta \$0.000\$000\$
Subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12° agg/geotex) Temporary Utility Usage Contractor's Home Office Contribution Project Engineer, 160 HR/MONTH Project Clerk, 160 HR/MONTH Project Clerk, 160 HR/MONTH Project Clerk, 160 HR/MONTH Premium on Performance Bond Surveying and Layout, 40 HR/MONTH Maintenance of Traffic subtotal: GENERAL CONDITIONS (18 mon	Quantity 4,200.00 7,200.00 18.00 2,880.00 2,880.00 2,880.00 2,880.00 1.50% 720.00 18.00 h duration)	Unit LIN FT SQ FT MONTH MONTH HOUR HOUR HOUR HOUR MONTH GCs as a p percent of	Unit Cost \$40.00 \$5.000 \$500.00 \$100.00 \$125.00 \$75.00 \$15.981,797.20 \$200.00 \$5,000.00	\$4,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00 \$90,000.00 \$90,000.00 \$280,000.00 \$280,000.00 \$280,000.00 \$239,708.96 \$144,000.00 \$239,728.96 \$144,000.00 \$390,000.00 \$31,665,928.96	SD quan 4,200.00 7,200.00 18.00 18.00 2,880.00 2,880.00 2,880.00 720.00 18.00	DD-SD quan. delta 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$90,000.00 \$18,000.00 \$288,000.00 \$280,000.00 \$246,000.00 \$216,000.00 \$216,000.00 \$259,096.55 \$144,000.00 \$180,000.00 \$14,775,296.55	DD-SD cost delta \$0.000 \$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.00
subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex) Temporary Utility Usage Contractor's Home Office Contribution Project Engineer, 160 HR/MONTH Project Clerk, 160 HR/MONTH Project Clerk, 160 HR/MONTH Premium on Performance Bond Surveying and Layout, 40 HR/MONTH Maintenance of Traffic subtotal: GENERAL CONDITIONS (18 mon	Quantity 4,200,00 7,200,00 18,00 18,00 2,880,00 2,880,00 2,880,00 2,880,00 1,50% 720,00 18,00 th duration)	Unit LIN FT SQ FT MONTH MONTH HOUR HOUR HOUR HOUR HOUR MONTH GCs as a p percent of total	Unit Cost \$40.00 \$5.000 \$500.00 \$100.00 \$125.00 \$75.00 \$15.981,797.20 \$200.00 \$5,000.00	\$4,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00 \$90,000.00 \$90,000.00 \$280,000.00 \$280,000.00 \$280,000.00 \$239,708.96 \$144,000.00 \$239,728.96 \$144,000.00 \$390,000.00 \$31,665,928.96	SD quan 4,200.00 7,200.00 18.00 18.00 2,880.00 2,880.00 2,880.00 2,880.00 720.00 18.00 SD SUMMARY Item	DD-SD quan. delta 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$9,000.00 \$18,000.00 \$280,000.00 \$280,000.00 \$280,000.00 \$259,096.55 \$144,000.00 \$259,096.55 \$144,000.00 \$17,75,296.55 \$140,000.00 \$17,75,296.55	DD-SD cost delta \$0.000 \$0.000\$00 \$0.000\$000\$
Subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex) Temporary Office (nosite) Temporary Unity Usage Contractor's Home Office Contribution Project Engineer, 160 HR/MONTH Project Clerk, 160 HR/MONTH Project Clerk, 160 HR/MONTH Preimium on Performance Bond Surveying and Layout, 40 HR/MONTH Maintenance of Traffic subtotal: GENERAL CONDITIONS (18 mon DD SUMMARY Item SITE DEMO	Quantity 4,200,00 7,200,00 18,00 18,00 2,880,00 2,880,00 2,880,00 2,880,00 18,000 18,0000 18,000 18,000 18,0000 18,0000 18,0000 18,0000 18,0000 18,0000 18,0000 18,0000 18,0000 18,0000 18,00000 18,00000 18,00000 18,00000 18,0000000 18,0000000000	Unit LIN FT SQ FT MONTH MONTH HOUR HOUR HOUR HOUR HOUR MONTH GCs as a p percent of total 0.52%	Unit Cost \$40.00 \$5.000 \$500.00 \$100.00 \$125.00 \$75.00 \$15.981,797.20 \$200.00 \$5,000.00	54,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00 \$90,000.00 \$90,000.00 \$280,000.00 \$280,000.00 \$280,000.00 \$239,708.96 \$144,000.00 \$239,728.96 \$144,000.00 \$390,000.00 \$31,665,928.96	SD quan 4,200.00 7,200.00 18.00 18.00 2,880.00 2,880.00 2,880.00 2,880.00 720.00 18.00 720.00 18.00 SD SUMMARY Item	DD-SD quan. delta 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$30,000.00 \$30,000.00 \$280,000.00 \$280,000.00 \$26,000.00 \$259,096,55 \$144,000.00 \$130,000.00 \$140,000.00 \$147,75,296.55 Subtotal \$91,400.00	DD-SD cost delta \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 (\$19,369.59)
subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex) Temporary Utility Usage Contractor's Home Office Contribution Project Engineer, 160 HR/MONTH Project Clerk, 160 HR/MONTH Project Clerk, 160 HR/MONTH Premium on Performance Bond Surveying and Layout, 40 HR/MONTH Maintenance of Traffic subtotal: GENERAL CONDITIONS (18 mon	Quantity 4,200,00 7,200,00 18,00 18,00 2,880,00 2,880,00 2,880,00 2,880,00 18,00 18,00 18,00 18,00 18,00 5,00 4,00 5,00 5,00 5,00 5,00 5,00 5	Unit LIN FT SQ FT MONTH MONTH HOUR HOUR HOUR HOUR HOUR MONTH GCs as a p percent of total	Unit Cost \$40.00 \$5.000 \$500.00 \$100.00 \$125.00 \$75.00 \$15.981,797.20 \$200.00 \$5,000.00	54,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00 \$90,000.00 \$90,000.00 \$280,000.00 \$280,000.00 \$280,000.00 \$239,708.96 \$144,000.00 \$239,728.96 \$144,000.00 \$390,000.00 \$31,665,928.96	SD quan 4,200.00 7,200.00 18.00 18.00 2,880.00 2,880.00 2,880.00 2,880.00 720.00 18.00 SD SUMMARY Item	DD-SD quan. delta 000 000 0.00 0.00 0.00 0.00 0.00 0.00	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$9,000.00 \$18,000.00 \$280,000.00 \$280,000.00 \$280,000.00 \$259,096.55 \$144,000.00 \$259,096.55 \$144,000.00 \$17,75,296.55 \$140,000.00 \$17,75,296.55	DD-SD cost delta \$0.000 \$0.000\$00 \$0.000\$000\$
subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex) Temporary Ulice (onsite) Temporary Ulice (onsite) Temporary Ulice, 160 HR/MONTH Project Engineer, 160 HR/MONTH Project Manager, 160 HR/MONTH Project Manager, 160 HR/MONTH Project Cleft, 160 HR/MONTH Premium on Performance Bond Surveying and Layout, 40 HR/MONTH Maintenance of Traffic subtotal: GENERAL CONDITIONS (18 mon DD SUMMARY Item SITE DEMO EROSION CONTROL	Quantity 4,200,00 7,200,00 18,00 18,00 2,880,00 2,880,00 2,880,00 2,880,00 18,000 18,0000 18,000 18,000 18,0000 18,0000 18,0000 18,0000 18,0000 18,0000 18,0000 18,0000 18,0000 18,0000 18,00000 18,00000 18,00000 18,00000 18,0000000 18,0000000000	Unit Lin FT SQ FT MONTH MONTH HOUR HOUR HOUR HOUR HOUR MONTH GCs as a p percent of total 0.52% 0.61%	Unit Cost \$40.00 \$5.000 \$500.00 \$100.00 \$125.00 \$75.00 \$15.981,797.20 \$200.00 \$5,000.00	54,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00 \$90,000.00 \$90,000.00 \$280,000.00 \$280,000.00 \$280,000.00 \$239,708.96 \$144,000.00 \$239,728.96 \$144,000.00 \$390,000.00 \$31,665,928.96	SD quan 4,200.00 7,200.00 18.00 18.00 2,880.00 2,880.00 2,880.00 2,880.00 2,880.00 18.00 18.00 18.00 18.00 18.00 EXTHWORK	DD-SD quan. delta 000 000 0.00 0.00 0.00 0.00 0.00 0.00	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$9,000.00 \$18,000.00 \$286,000.00 \$286,000.00 \$269,096.55 \$144,000.00 \$180,000.00 \$1775,296.55 Subtotal \$91,400.00 \$110,076.00	DD-SD cost deita \$0.00 \$0.0
Subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex) Temporary Office (consite) Temporary Utility Usage Contractor's Home Office Contribution Project Rengineer, 160 HR/MONTH Project Clerk, 160 HR/MONTH Preimium on Performance Bond Surveying and Layout, 40 HR/MONTH Maintenance of Traffic subtotal: GENERAL CONDITIONS (18 mon DD SUMMARY Item SITE DEMO EROSION CONTROL EARTIHWORK	Quantity           4,200.00           7,200.00           18.00           18.00           2,880.00           2,880.00           2,880.00           2,880.00           18.00           18.00           9,880.00           18.00           18.00           9,880.00           18.00           18.00           18.00           18.00           18.00           18.00           18.00           18.00           18.00           18.00           18.00           18.00           18.00           18.00           18.00           18.00           18.00           18.00           18.01           18.02           18.03           18.04           18.05           18.00           18.01           18.02           18.03           18.04           18.05           18.05	Unit LIN FT SQ FT MONTH MONTH HOUR HOUR HOUR HOUR MONTH GCs as a p percent of total 0.52% 0.61% 16.38%	Unit Cost \$40.00 \$5.000 \$500.00 \$100.00 \$125.00 \$75.00 \$15.981,797.20 \$200.00 \$5,000.00	54,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00 \$90,000.00 \$90,000.00 \$280,000.00 \$280,000.00 \$280,000.00 \$239,708.96 \$144,000.00 \$239,728.96 \$144,000.00 \$390,000.00 \$31,665,928.96	SD quan 4,200.00 7,200.00 18.00 18.00 2,880.00 2,880.00 2,880.00 2,880.00 2,880.00 18.00 18.00 18.00 18.00 18.00 EXTHWORK	DD-SD quan. delta 000 000 0.00 0.00 0.00 0.00 0.00 0.00	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$9,000.00 \$18,000.00 \$280,000.00 \$280,000.00 \$280,000.00 \$259,096.55 \$144,000.00 \$14,000.00 \$1775,296.55 Subtotal \$91,400.00 \$11,0076.00 \$2,586,129.00	DD-SD cost delta \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 (\$19,389.59) \$0.00 (\$19,389.59) \$0.00 (\$19,389.59) <b>percent of</b> total 0.48% 0.58%
SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex) Temporary Office (onsite) Temporary Utility Usage Contractor's Home Office Contribution Project Engineer, 160 HR/MONTH Project Manager, 160 HR/MONTH Project Manager, 160 HR/MONTH Project Manager, 160 HR/MONTH Project Circle, 160 HR/MONTH Project Circle, 160 HR/MONTH Project Circle of Traffic subtotal: GENERAL CONDITIONS (18 mon DD SUMMARY Item SITE DEMO ENOSION CONTROL EARTHWORK HARD SURFACES - PAVEMENTS	Quantity 4.200.00 7.200.00 18.00 18.00 2.880.00 2.880.00 2.880.00 1.50% 720.00 18.00 15.0% h duration) Subtotal \$91,400.00 \$107,010.00 \$2,890,854.50 \$1,887,003.70	Unit LIN FT SQ FT MONTH MONTH HOUR HOUR HOUR HOUR MONTH GCs as a p percent of total 0.52% 0.61% 16.38% 7.21%	Unit Cost \$40.00 \$5.000 \$500.00 \$100.00 \$125.00 \$75.00 \$15.981,797.20 \$200.00 \$5,000.00	54,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00 \$90,000.00 \$90,000.00 \$280,000.00 \$280,000.00 \$280,000.00 \$239,708.96 \$144,000.00 \$239,728.96 \$144,000.00 \$390,000.00 \$31,665,928.96	SD quan           4,200,00           7,200,00           18,00           2,880,00           2,880,00           2,880,00           2,880,00           720,00           18,00           18,00           2,880,00           720,00           18,00           EROSION COI           EROSION COI           EARTHWORK           HARD SURFAI	DD-SD quan.delta 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$90,000.00 \$90,000.00 \$18,000.00 \$280,000.00 \$280,000.00 \$216,000.00 \$216,000.00 \$144,000.00 \$144,000.00 \$17,75,296.55 Subtotai \$91,400.00 \$11,076,00 \$2,524,39.00	DD-SD cost delta \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 (\$19,369.59) \$0.00 (\$19,369.59) \$0.00 (\$19,369.59) <b>percent of</b> total 0.48% 0.58% 13.58% 19.03%
SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex) Temporary Office (consite) Temporary Utility Usage Contractor's Home Office Contribution Project Engineer, 160 HR/MONTH Project Manager, 160 HR/MONTH Project Cierk, 160 HR/MONTH Preintum on Performance Bond Surveying and Layout, 40 HR/MONTH Maintenance of Traffic subtotal: GENERAL CONDITIONS (18 mon DD SUMMARY Item SITE DEMO EROSION CONTROL EARTHWORK HARD SURFACES - PAVEMENTS STORNWATER DRAINAGE SANITARY SEWER WATER SERVICE	Quantity 4,200,00 7,200,00 18,00 18,00 2,880,00 2,880,00 2,880,00 2,880,00 1,50% 720,00 18,00 th duration) Subtotal \$91,400,00 \$1,877,010,00 \$2,890,854,50 \$1,1887,003,70 \$44,600,800 \$1,272,188,00	Unit Lin FT SQ FT MONTH MONTH HOUR HOUR HOUR HOUR HOUR HOUR MONTH HOUR MONTH HOUR MONTH HOUR MONTH I HOUR MONTH I HOUR MONTH I HOUR MONTH I HOUR MONTH I HOUR HOUR MONTH I HOUR HOUR MONTH I HOUR HOUR MONTH I HOUR HOUR MONTH I HOUR HOUR MONTH I HOUR HOUR HOUR MONTH I HOUR HOUR HOUR HOUR HOUR HOUR HOUR HOUR	Unit Cost \$40.00 \$5.000 \$500.00 \$100.00 \$125.00 \$75.00 \$15.981,797.20 \$200.00 \$5,000.00	\$4,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00 \$90,000.00 \$90,000.00 \$280,000.00 \$280,000.00 \$280,000.00 \$249,708.96 \$144,000.00 \$239,728.96 \$144,000.00 \$390,000.00 \$31,665,928.96	SD quan           4,200,00           7,200,00           18,00           18,00           2,880,00           EROSION COL           EARTHWORK           STORMWATE           SANTARY SE           SANTARY SE	DD-SD quan. delta 000 0.00 0.00 0.00 0.00 0.00 0.00 0.0	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$9,000.00 \$9,000.00 \$280,000.00 \$280,000.00 \$280,000.00 \$259,096.55 \$144,000.00 \$10,076.05 \$140,000.00 \$1775,296.55 \$144,000.00 \$110,076.00 \$2,586,129.00 \$3,624,369.00 \$640,372.00 \$547,788.00 \$468,730.00	DD-SD cost delta \$0.00 \$0.58% \$0.38% \$0.58% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.39% \$0.38%
Subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex) Temporary Utility Usage Contractor's Home Office Contribution Project Engineer, 160 HR/MONTH Project Clerk, 160 HR/MONTH Maintenance of Traffic subtotal: GENERAL CONDITIONS (18 mon DD SUMMARY Hem SITE DEMO EROSION CONTROL EARTHWORK HARD SURFACES - PAVEMENTS STORMWATER DRAINAGE SANITARY SEWER WATER SERVICE ELEC/TELECOM/SITE LIGHTING	Quantity 4,200,00 7,200,00 18,00 18,00 2,880,00 2,880,00 2,880,00 2,880,00 2,880,00 15,0% 720,00 15,0% 720,00 18,00 15,0% 59,1,400,00 \$107,010,00 \$2,898,456 \$1,877,010,00 \$449,608,00 \$12,72,188,00 \$9,41,500,00 \$41,500,00 \$41,500,00 \$43,1500,00 \$43,1500,00 \$43,1500,00 \$43,1500,00 \$43,1500,00 \$43,1500,00 \$43,1500,00 \$43,1500,00 \$43,1500,00 \$43,1500,00 \$43,1500,00 \$43,1500,00 \$43,1500,00 \$43,1500,00 \$43,1500,00 \$44,1500,000 \$44,1500,000 \$44,1500,000 \$44,1500,000 \$44,1500,000 \$44,1500,000 \$4	Unit LIN FT SQ FT MONTH MONTH HOUR HOUR HOUR HOUR MONTH GCs as a p percent of total 0.52% 0.61% 16.38% 3.68% 3.68% 3.68%	Unit Cost \$40.00 \$5.000 \$500.00 \$100.00 \$125.00 \$75.00 \$15.981,797.20 \$200.00 \$5,000.00	\$4,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00 \$90,000.00 \$90,000.00 \$280,000.00 \$280,000.00 \$280,000.00 \$249,708.96 \$144,000.00 \$239,728.96 \$144,000.00 \$390,000.00 \$31,665,928.96	SD quan           4,200.00           18.00           18.00           2,880.00           2,880.00           2,880.00           2,880.00           2,880.00           2,880.00           2,880.00           2,880.00           2,880.00           EROSIN COL           EROSION COL           EATHWORK           HARD SURPA           STORMWATE           SANITARY SE           WATER SERV	DD-SD quan. delta 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$9,000.00 \$18,000.00 \$280,000.00 \$280,000.00 \$280,000.00 \$259,096.55 \$144,000.00 \$14,000.00 \$1775,296.55 Subtotal \$91,400.00 \$110,076.00 \$110,076.00 \$110,076.00 \$3224,389.00 \$387,788.00 \$440,372.00 \$464,372.00 \$48,730.00 \$49,870.00 \$40,870.00 \$40,	DD-SD cost delta \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 (\$19,369.59) \$0.00 (\$19,369.59) \$0.00 (\$19,369.59) \$0.00 (\$19,369.59) \$0.00 (\$19,369.59) \$0.00 \$0.00 (\$19,369.59) \$0.00 \$0.388.59 \$0.58% \$0.38% \$0.
Subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex) Temporary Utility Usage Contractor's Home Office Contribution Project Engineer, 160 HR/MONTH Project Manager, 160 HR/MONTH Project Manager, 160 HR/MONTH Project Cleft, 160 HR/MONTH Project Cleft, 160 HR/MONTH Premium on Performance Bond Surveying and Layout, 40 HR/MONTH Maintenance of Traffic subtotal: GENERAL CONDITIONS (18 mon DD SUMMARY Item SITE DEMO EROSION CONTROL EARTHWORK HARD SURFACES - PAVEMENTS STORMWATER DRAINAGE SANITARY SEWER WATER SERVICE ELEC/TELECOMSTE LIGHTING LANDSCAPES/GARAGE DECK FEATURES	Quantity 4,200,00 7,200,00 18,00 18,00 2,880,00 2,880,00 2,880,00 2,880,00 2,880,00 18,00 19,100 19,100 19,100 19,100 19,100 19,100 19,100 19,1000 19,1000 19,1000 19,100 19,1000 19,1000 19,1000 19,10000000000	Unit LIN FT SQ FT MONTH MONTH HOUR HOUR HOUR HOUR MONTH GCs as a p percent of total 0.52% 0.61% 16.38% 10.69% 3.68% 7.21% 3.3% 22.53%	Unit Cost \$40.00 \$5.000 \$500.00 \$100.00 \$125.00 \$75.00 \$15.981,797.20 \$200.00 \$5,000.00	\$4,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00 \$90,000.00 \$90,000.00 \$280,000.00 \$280,000.00 \$280,000.00 \$249,708.96 \$144,000.00 \$239,728.96 \$144,000.00 \$390,000.00 \$31,665,928.96	SD quan           4,220,00           7,200,00           18,00           18,00           2,880,00           2,880,00           2,880,00           2,880,00           720,00           18,00           EROSION COI           EROSION COI           EROSION COI           EARTHWORK           MARD SURFA           STORMWATE           SANITARY SE           WATER SERV           LANDSCAPES	DD-SD quan. delta 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$9,000.00 \$8,000.00 \$280,000.00 \$286,000.00 \$259,096.55 \$144,000.00 \$259,096.55 \$144,000.00 \$180,000.00 \$1775,296.55 \$144,000.00 \$110,076.00 \$2,586,129.00 \$3,624,399.00 \$468,730.00 \$2,949,800.00 \$2,494,800.00 \$2,494,800.00 \$2,494,800.00 \$2,494,800.00 \$2,214,430.00 \$2,214,430.00 \$2,214,430.00 \$2,214,300.00 \$2,214,430.00 \$2,214,300.00 \$2,214,430.00 \$2,214,300.00	DD-SD cost delta \$0.00 \$0.58% \$0.58% \$0.38% \$0.30% \$0.30% \$0.24% \$0.09% \$0.24% \$0
subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex) Temporary Utility Usage Contractor's Home Office Contribution Project Engineer, 160 HR/MONTH Project Clerk, 160 HR/MONTH Project Clerk, 160 HR/MONTH Preinium on Performance Bond Surveying and Layout, 40 HR/MONTH Maintenance of Traffic subtotal: GENERAL CONDITIONS (18 mon DD SUMMARY Item SITE DEMO EROSION CONTROL EARTHWORK HARD SURFACES - PAVEMENTS STORMWATE DRAINAGE SANITARY SEWER WATER SERVICE ELEC/TELECOM/SITE LICHTING LANDSCAPES/GARAGE DECK FEATURES GENERAL CONDITIONS (18 month duration)	Quantity 4,200,00 7,200,00 18,00 18,00 2,880,00 2,880,00 2,880,00 2,880,00 2,880,00 2,880,00 2,880,00 2,880,00 2,880,00 2,880,00 1,50% 720,00 18,00 th duration) Subtotal \$91,400,00 \$1,272,188,00 \$1,272,188,00 \$3,1976,780,00 \$3,1976,780,00 \$3,1976,780,00 \$3,1655,520,96	Unit LIN FT SQ FT MONTH MONTH HOUR HOUR HOUR HOUR MONTH HOUR MONTH GCs as a p percent of total 0.52% 0.61% 16.38% 10.69% 3.368% 7.21% 5.33% 22.53% 23.60% 9.44%	Unit Cost \$40.00 \$5.000 \$500.00 \$100.00 \$125.00 \$75.00 \$15.981,797.20 \$200.00 \$5,000.00	\$4,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00 \$90,000.00 \$90,000.00 \$280,000.00 \$280,000.00 \$280,000.00 \$249,708.96 \$144,000.00 \$239,728.96 \$144,000.00 \$390,000.00 \$31,665,928.96	SD quan           4,200.00           7,200.00           18.00           18.00           2,880.00           ENCTUP           ENCTUP           EACTUP           EACTUP           STORMWATE           SANTARY SE           VATER SERV           ELANDSCAPES           GENERAL CO	DD-SD quan. delta 0.00	\$17,7273,103.00 SD cost \$168,000.00 \$43,200.00 \$9,000.00 \$9,000.00 \$28,000.00 \$280,000.00 \$280,000.00 \$259,096.55 \$144,000.00 \$144,000.00 \$140,000.00 \$141,000.00 \$10,076.00 \$110,076.00 \$2,586,129.00 \$3,624,339.00 \$3,624,339.00 \$468,730.00 \$2,949,800.00 \$2,144,439.00 \$1,775,266.55	DD-SD cost delta \$0.00 \$0.369.\$9 \$0.58% \$0.58% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.39% \$0.246% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.246% \$0.22% \$0.
SUDIOTAL: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex) Temporary Utility Usage Contractor's Home Office Contribution Project Engineer, 160 HR/MONTH Project Manager, 160 HR/MONTH Project Manager, 160 HR/MONTH Project Cines, 160 HR/MONTH Project Cines, 160 HR/MONTH Project Cines, 160 HR/MONTH Maintenance of Traffic subtotal: GENERAL CONDITIONS (18 mon DD SUMMARY Item SITE DEMO EROSION CONTROL EARTHWORK HARD SURFACES - PAVEMENTS STORMWATER DEAINAGE SANITARY SEWER WATER SERVICE ELEC/TELECOMISITE LIGHTING LIANDSCAPES/GARAGE DECK FEATURES GENERAL CONDITIONS (18 month duration) subtotal: CONSITCU	Quantity 4,200,00 7,200,00 18,00 18,00 18,00 2,880,00 2,880,00 2,880,00 2,880,00 15,0% 720,00 18,00 19,000 19,0000 19,0000000000	Unit LIN FT SQ FT MONTH MONTH HOUR HOUR HOUR HOUR MONTH GCs as a p percent of total 0.52% 0.61% 16.38% 10.69% 3.68% 7.21% 3.3% 22.53%	Unit Cost \$40.00 \$5.000 \$500.00 \$100.00 \$125.00 \$75.00 \$15.981,797.20 \$200.00 \$5,000.00	\$4,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00 \$90,000.00 \$90,000.00 \$280,000.00 \$280,000.00 \$280,000.00 \$249,708.96 \$144,000.00 \$239,728.96 \$144,000.00 \$390,000.00 \$31,665,928.96	SD quan           4,200,00           7,200,00           18,00           18,00           2,880,00           2,880,00           2,880,00           2,880,00           720,00           18,00           18,00           2,880,00           2,880,00           720,00           18,00           SITE DEMO           EROSION COI           EARTHWORK           SANITARY SE           WATER SERV           ELEC/TELECC           LANDSCAPES           GENERAL CO	DD-SD quan. delta 0.00	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$43,200.00 \$43,200.00 \$43,200.00 \$43,200.00 \$20,000.00 \$286,000.00 \$2259,096.55 \$144,000.00 \$180,000.00 \$14,000.00 \$14,000.00 \$14,000.00 \$14,000.00 \$14,000.00 \$14,000.00 \$448,730.00 \$468,730.00 \$468,730.00 \$468,730.00 \$448,730.00 \$448,730.00 \$448,730.00 \$448,730.00 \$448,730.00 \$448,730.00 \$448,730.00 \$448,730.00 \$448,730.00 \$448,730.00 \$448,730.00 \$459,752,96.55 \$19,044,399.55 \$19,044,399.55 \$19,044,399.55 \$19,044,399.55 \$19,044,399.55 \$19,044,399.55 \$10,000 \$10,000 \$10,000 \$10,000 \$2,0	DD-SD cost delta \$0.00 \$0.58% \$0.38% \$0.38% \$0.09% \$0.24% \$0.09% \$0.24% \$0.00 \$0.28% \$0.00 \$0.58% \$0.38% \$0.09% \$0.24% \$0.22% \$0.24% \$0.22% \$0.24% \$0.22% \$0.24% \$0.22% \$0.24%
SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex) Temporary Ultiky Usage Contractor's Home Office Contribution Project Engineer, 160 HR/MONTH Project Clerk, 160 HR/MONTH Project Clerk, 160 HR/MONTH Premium on Performance Bond Surveying and Layout, 40 HR/MONTH Maintenance of Traffic subtotal: GENERAL CONDITIONS (18 mon DD SUMMARY Item SITE DEMO EROSION CONTROL EARTHWORK HARD SURFACES - PAVEMENTS STORNWATER DRAINAGE SANITARY SEWER WATER SERVICE ELEC/TELECOM/SITE LIGHTING LANDSCAPES/GARAGE DECK FEATURES GENERAL CONDITIONS (18 month duration) subtotal, construction costs design contingency, 10%, DD level of design	Quantity 4,200,00 7,200,00 18,00 18,00 2,880,00 2,880,00 2,880,00 2,880,00 2,880,00 1,50% 720,00 18,00 th duration) Subtotal \$91,400,00 \$10,00 \$1,272,188,00 \$1,887,003,70 \$44,650,80,84 \$1,665,926,96 \$17,647,724,16	Unit LIN FT SQ FT MONTH MONTH HOUR HOUR HOUR MONTH HOUR MONTH GCs as a p percent of total 0.52% 0.61% 16.38% 10.69% 3.368% 7.21% 5.33% 22.53% 23.60% 9.44%	Unit Cost \$40.00 \$5.000 \$500.00 \$100.00 \$125.00 \$75.00 \$15.981,797.20 \$200.00 \$5,000.00	54,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00 \$90,000.00 \$90,000.00 \$280,000.00 \$280,000.00 \$280,000.00 \$249,708.96 \$144,000.00 \$299,728.96 \$144,000.00 \$90,000.00 \$11,65,928.96	SD quan           4,200,00           7,200,00           18.00           18.00           2,880,00           2,880,00           2,880,00           2,880,00           2,880,00           2,880,00           2,880,00           2,880,00           2,880,00           2,880,00           2,800,00           EROSION COL           EROSION COL           EARTHWORK           STORMWATE           SANTARY SE           GENERAL CO           Subtotal, consig           Gesign conting	DD-SD quan. delta 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$43,200.00 \$243,200.00 \$280,000.00 \$280,000.00 \$280,000.00 \$259,096.55 \$144,000.00 \$180,000.00 \$180,000.00 \$180,000.00 \$1775,296.55 \$140,400.00 \$110,076.00 \$2,586,129.00 \$2,586,129.00 \$2,586,129.00 \$2,586,129.00 \$2,586,129.00 \$2,586,129.00 \$2,586,129.00 \$2,586,129.00 \$2,586,129.00 \$2,586,129.00 \$2,587,788.00 \$2,587,788.00 \$2,587,789.00 \$2,443,90.00 \$2,443,90.00 \$2,443,90.00 \$2,443,90.00 \$2,443,90.00 \$2,443,90.00 \$2,443,90.00 \$2,59,933 \$2,857,259,933	DD-SD cost delta \$0.00 \$0.389.\$9 \$0.58% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.39% \$0.246% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.246% \$0.22% \$0.32%
Subtotal: LANDSCAPES/GARAGE DECK F SUBTOTAL, DIRECT CONSTRUCTION COSTS: GENERAL CONDITIONS (18 month duration) Temporary Construction Fence Contractor's Laydown/Trailer Pad (12" agg/geotex) Temporary Utility Usage Contractor's Home Office Contribution Project Engineer, 160 HR/MONTH Project Manager, 160 HR/MONTH Project CHR, 160 HR/MONTH Project CHR, 160 HR/MONTH Project CHR, 160 HR/MONTH Project CHR, 160 HR/MONTH Maintenance of Traffic subtotal: GENERAL CONDITIONS (18 mon DS SUMMARY Item SITE DEMO EROSION CONTROL EARTHWORK HARD SURFACES - PAVEMENTS STORMWATER DRAINAGE SANITARY SEWER WATER SERVICE ELECTELECOM/SITE LIGHTING LANDSCAPES/GARAGE DECK FEATURES GENERAL CONDITIONS (18 month duration) subtotal; construction costs	Quantity 4,200,00 7,200,00 18,00 18,00 18,00 2,880,00 2,880,00 2,880,00 2,880,00 15,0% 720,00 18,00 19,000 19,0000 19,0000000000	Unit LIN FT SQ FT MONTH MONTH HOUR HOUR HOUR MONTH HOUR MONTH GCs as a p percent of total 0.52% 0.61% 16.38% 10.69% 3.368% 7.21% 5.33% 22.53% 23.60% 9.44%	Unit Cost \$40.00 \$5.000 \$5.000.00 \$100.00 \$125.00 \$75.00 \$15.981,797.20 \$200.00 \$5,000.00	54,165,453.00 \$15,981,797.20 Total \$168,000.00 \$43,200.00 \$90,000.00 \$90,000.00 \$280,000.00 \$280,000.00 \$280,000.00 \$249,708.96 \$144,000.00 \$299,728.96 \$144,000.00 \$90,000.00 \$11,65,928.96	SD quan           4,200.00           7,200.00           18.00           18.00           2,880.00           2,880.00           2,880.00           2,880.00           720.00           18.00           SD SUMMARY           Hem           SITE DEMO           EROSION COI           EARTHWORK           SANITARY SE           WATER SERV           ELEC/TELEC           LANDSCAPES           Gesign conting           design conting	DD-SD quan. delta 0.00	\$17,273,103.00 SD cost \$168,000.00 \$43,200.00 \$43,200.00 \$43,200.00 \$43,200.00 \$43,200.00 \$20,000.00 \$286,000.00 \$2259,096.55 \$144,000.00 \$180,000.00 \$14,000.00 \$14,000.00 \$14,000.00 \$14,000.00 \$14,000.00 \$110,076.00 \$2,586,129.00 \$3,624,389.00 \$468,730.00 \$468,730.00 \$468,730.00 \$468,730.00 \$47,75,296.55 \$19,048,399.55 \$19,048,399.55 \$19,048,399.55 \$19,048,399.55 \$19,048,399.55 \$19,048,399.55 \$10,000 \$10,075,296.55 \$19,048,399.55 \$10,000 \$10,075,296.55 \$10,000 \$2,214,439.00 \$2,214,439.00 \$2,214,439.00 \$2,214,439.00 \$2,214,439.00 \$2,175,296.55 \$19,048,399.55 \$10,000 \$10,075,296.55 \$10,000 \$2,144,390.00 \$2,144,390.00 \$2,144,390.00 \$2,144,390.00 \$2,175,296.55 \$10,000 \$2,175,296.55 \$10,000 \$2,175,296.55 \$10,000 \$2,175,296.55 \$10,000 \$2,175,296.55 \$10,000 \$2,124,000	DD-SD cost delta \$0.00 \$0.389.\$9 \$0.58% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.39% \$0.246% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.38% \$0.246% \$0.22% \$0.32%

includes: PW labor rates 2023 Q2 work disposal fees on all demolition work sales taxes on new materials

excludes: design contingency owner's soft costs incl design, legal, and real estate costs utility connection (tap) fees buildings and structures (parking garage)

please note: allowances are as noted for items for which no vendor pricing was received or for which no other pricing data was available