THE VILLAGE AT DISCOVERY PARK LOT 10 1/3/2025



FINAL DEVELOPMENT PLAN

Engineer's Opinion of Probable Costs

1.01 2" K 1.02 4" B 1.03 8" P 1.04 6" C 1.05 6" M 1.06 4" C 1.07 9" SI 1.08 6" C 1.09 PAR 1.10 4" C 1.11 CON 1.12 CON 2.01 15" 2.02 18" 2.03 24"	ITEM E INFRASTRUCTURE CCMMB TYP A2 ASPHALT W/BASE BITUMINOUS BASE COURSE PORTLAND CONCRETE CEMENT (PCC) 4000 PSI W/ FIBER MESH W/BASE CONCRETE PAVEMENT (KCMMB4K) W/BASE MODOT TYPE 5 AGGREGATE BASE CLEAN ROCK AGGREGATE BASE CLEAN ROCK AGGREGATE BASE (APWA 2201) SUBGRADE STABILIZED SUBGRADE RKING LOT STRIPING CONCRETE SIDEWALK W/BASE NCRETE CURB NCRETE STAIRS AND RAMPS WITH HANDRAIL RTHWORK DSION CONTROL SITE INFRASTRUCTURE SUB-TOTAL DRM SEWER IMPROVEMENTS 'HDPE HDPE	UNIT SY SY SY SY SY SY SY LS SF LF LS CY LS LF	QUANTITY 7,447 94 1,243 7,447 94 1,337 7,447 1,337 7,447 1,350 1 1 8,747 1,350 1 1 5,000 1	PRICE (\$) \$10.00 \$20.00 \$60.00 \$55.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$2.00 \$10.00 \$2.00 \$30.00 \$5.00.00 \$2,500.00	TOTAL \$74,470.00 \$148,940.00 \$5,640.00 \$5,640.00 \$74,470.00 \$940.00 \$13,370.00 \$59,576.00 \$1,000.00 \$93,735.00 \$20,000.00 \$20,000.00 \$2,500.00 \$68,506.00
1.01 2" K 1.02 4" B 1.03 8" P 1.04 6" C 1.05 6" M 1.06 4" C 1.07 9" S 1.08 6" C 1.09 PAR 1.10 4" C 1.11 CON 1.12 CON 2.0 STO 2.02 18" 2.03 24"	KCMMB TYP A2 ASPHALT W/BASE BITUMINOUS BASE COURSE PORTLAND CONCRETE CEMENT (PCC) 4000 PSI W/ FIBER MESH W/BASE CONCRETE PAVEMENT (KCMMBAK) W/BASE MODOT TYPE 5 AGGREGATE BASE CLEAN ROCK AGGREGATE BASE (APWA 2201) SUBGRADE STABILIZATION CHEMICALLY STABILIZED SUBGRADE RKING LOT STRIPING CONCRETE SIDEWALK W/BASE NCRETE CURB NCRETE STAIRS AND RAMPS WITH HANDRAIL RTHWORK DSION CONTROL SITE INFRASTRUCTURE SUB-TOTAL PR SEWER IMPROVEMENTS	SY SY SY SY SY SY LS SF LF LF LS CY LS	7,447 94 1,243 7,447 94 1,337 7,447 1 18,747 1,350 1 5,000	\$20.00 \$60.00 \$55.00 \$10.00 \$10.00 \$8.00 \$8.00 \$1,000.00 \$5.00 \$30.00 \$30.00 \$4.00	\$148,940.00 \$5,640.00 \$68,365.00 \$74,470.00 \$940.00 \$13,370.00 \$59,576.00 \$1,000.00 \$93,735.00 \$40,500.00 \$5,000.00 \$2,000.00 \$2,500.00
1.02 4" B 1.03 8" P 1.04 6" C 1.05 6" M 1.06 4" C 1.07 9" S 1.08 6" C 1.09 PAR 1.10 4" C 1.11 CON 1.13 EAR 1.14 ERO 2.01 15" 2.02 18" 2.03 24"	BITUMINOUS BASE COURSE PORTLAND CONCRETE CEMENT (PCC) 4000 PSI W/ FIBER MESH W/BASE CONCRETE PAVEMENT (KCMMB4K) W/BASE MODOT TYPE 5 AGGREGATE BASE CLEAN ROCK AGGREGATE BASE (APWA 2201) SUBGRADE STABILIZATION CHEMICALLY STABILIZED SUBGRADE RKING LOT STRIPING CONCRETE SIDEWALK W/BASE NCRETE CURB NCRETE STAIRS AND RAMPS WITH HANDRAIL RTHWORK DSION CONTROL SITE INFRASTRUCTURE SUB-TOTAL DRM SEWER IMPROVEMENTS HDPE	SY SY SY SY SY SY LS SF LF LF LS CY LS	7,447 94 1,243 7,447 94 1,337 7,447 1 18,747 1,350 1 5,000	\$20.00 \$60.00 \$55.00 \$10.00 \$10.00 \$8.00 \$8.00 \$1,000.00 \$5.00 \$30.00 \$30.00 \$4.00	\$148,940.00 \$5,640.00 \$68,365.00 \$74,470.00 \$940.00 \$13,370.00 \$59,576.00 \$1,000.00 \$93,735.00 \$40,500.00 \$5,000.00 \$2,000.00 \$2,500.00
1.03 8" P 1.04 6" C 1.05 6" M 1.06 4" C 1.07 9" S 1.08 6" C 1.09 PAR 1.10 4" C 1.11 CON 1.12 CON 1.13 EAR 1.14 ERO 2.01 15" 2.02 18" 2.03 24"	PORTLAND CONCRETE CEMENT (PCC) 4000 PSI W/ FIBER MESH W/BASE CONCRETE PAVEMENT (KCMMB4K) W/BASE MODOT TYPE 5 AGGREGATE BASE CLEAN ROCK AGGREGATE BASE (APWA 2201) SUBGRADE STABILIZATION CHEMICALLY STABILIZED SUBGRADE RKING LOT STRIPING CONCRETE SIDEWALK W/BASE NCRETE CURB NCRETE STAIRS AND RAMPS WITH HANDRAIL RTHWORK DSION CONTROL SITE INFRASTRUCTURE SUB-TOTAL DRM SEWER IMPROVEMENTS HDPE	SY SY SY SY SY LS SF LF LS CY LS	94 1,243 7,447 94 1,337 7,447 1 18,747 1,350 1 5,000	\$60.00 \$55.00 \$10.00 \$10.00 \$10.00 \$10.00 \$5.00 \$5.00 \$30.00 \$5,000 \$4.00	\$5,640.00 \$68,365.00 \$74,470.00 \$940.00 \$13,370.00 \$59,576.00 \$1,000.00 \$93,735.00 \$40,500.00 \$20,000.00 \$20,000.00
1.04 6" C 1.05 6" M 1.06 4" C 1.07 9" S 1.08 6" C 1.09 PAR 1.10 4" C 1.11 CON 1.12 CON 1.13 EAR 1.14 ERO 2.01 15" 2.02 18" 2.03 24"	CONCRETE PAVEMENT (KCMMB4K) W/BASE MODOT TYPE 5 AGGREGATE BASE CLEAN ROCK AGGREGATE BASE (APWA 2201) SUBGRADE STABILIZATION CHEMICALLY STABILIZED SUBGRADE RXING LOT STRIPING CONCRETE SIDEWALK W/BASE NCRETE CURB NCRETE CURB NCRETE STAIRS AND RAMPS WITH HANDRAIL RTHWORK OSION CONTROL SITE INFRASTRUCTURE SUB-TOTAL ORM SEWER IMPROVEMENTS HDPE	SY SY SY LS SF LF LS CY LS	1,243 7,447 94 1,337 7,447 1 18,747 1,350 1 5,000	\$55.00 \$10.00 \$10.00 \$8.00 \$1,000.00 \$5.00 \$30.00 \$5,000 \$4.00	\$68,365.00 \$74,470.00 \$940.00 \$13,370.00 \$59,576.00 \$1,000.00 \$93,735.00 \$40,500.00 \$5,000.00 \$20,000.00 \$2,500.00
1.05 6" M 1.06 4" C 1.07 9" S 1.08 6" C 1.09 PAR 1.10 4" C 1.11 CON 1.12 CON 1.13 EAR 1.14 ERO 2.01 15" 2.02 18" 2.03 24"	MODOT TYPE 5 AGGREGATE BASE CLEAN ROCK AGGREGATE BASE (APWA 2201) SUBGRADE STABILIZATION CHEMICALLY STABILIZED SUBGRADE RKING LOT STRIPING CONCRETE SIDEWALK W/BASE NCRETE CURB NCRETE CURB NCRETE STAIRS AND RAMPS WITH HANDRAIL ATHWORK OSION CONTROL SITE INFRASTRUCTURE SUB-TOTAL DRM SEWER IMPROVEMENTS HDPE	SY SY SY LS SF LF LS CY LS	7,447 94 1,337 7,447 1 18,747 1,350 1 5,000	\$10.00 \$10.00 \$10.00 \$8.00 \$5.00 \$5.00 \$30.00 \$5,000.00 \$4.00	\$74,470.00 \$940.00 \$13,370.00 \$59,576.00 \$1,000.00 \$93,735.00 \$40,500.00 \$5,000.00 \$20,000.00 \$2,500.00
1.06 4" C 1.07 9" SI 1.08 6" C 1.09 PAR 1.10 4" C 1.11 CON 1.12 CON 1.13 EAR 1.14 ERO 2.0 STO 2.02 18" 2.03 24"	CLEAN ROCK AGGREGATE BASE (APWA 2201) SUBGRADE STABILIZATION CHEMICALLY STABILIZED SUBGRADE RKING LOT STRIPING CONCRETE SIDEWALK W/BASE NCRETE SIDEWALK W/BASE NCRETE STAIRS AND RAMPS WITH HANDRAIL RTHWORK SSION CONTROL SITE INFRASTRUCTURE SUB-TOTAL DRM SEWER IMPROVEMENTS HDPE	SY SY LS SF LF LS CY LS	94 1,337 7,447 1 18,747 1,350 1 5,000	\$10.00 \$10.00 \$8.00 \$1,000.00 \$5.00 \$30.00 \$5,000.00 \$4.00	\$940.00 \$13,370.00 \$59,576.00 \$1,000.00 \$93,735.00 \$40,500.00 \$5,000.00 \$20,000.00 \$2,500.00
1.07 9" SI 1.08 6" C 1.09 PAR 1.10 4" C 1.11 CON 1.12 CON 1.13 EAR 1.14 ERO 2.0 STO 2.02 18" 2.03 24"	SUBGRADE STABILIZATION CHEMICALLY STABILIZED SUBGRADE RKING LOT STRIPING CONCRETE SIDEWALK W/BASE NCRETE CURB NCRETE STAIRS AND RAMPS WITH HANDRAIL RTHWORK DSION CONTROL SITE INFRASTRUCTURE SUB-TOTAL DRM SEWER IMPROVEMENTS HDPE	SY SY LS SF LF LS CY LS	1,337 7,447 1 18,747 1,350 1 5,000	\$10.00 \$8.00 \$1,000.00 \$5.00 \$30.00 \$5,000.00 \$4.00	\$13,370.00 \$59,576.00 \$1,000.00 \$93,735.00 \$40,500.00 \$5,000.00 \$20,000.00 \$2,500.00
1.08 6" C 1.09 PAR 1.10 4" C 1.11 CON 1.12 CON 1.13 EAR 1.14 ERO 2.0 STO 2.01 15" 2.02 18" 2.03 24"	CHEMICALLY STABILIZED SUBGRADE RKING LOT STRIPING CONCRETE SIDEWALK W/BASE NCRETE CURB NCRETE STAIRS AND RAMPS WITH HANDRAIL RTHWORK SSION CONTROL SITE INFRASTRUCTURE SUB-TOTAL DRM SEWER IMPROVEMENTS HDPE	SY LS SF LF LS CY LS	7,447 1 18,747 1,350 1 5,000	\$8.00 \$1,000.00 \$5.00 \$30.00 \$5,000.00 \$4.00	\$59,576.00 \$1,000.00 \$93,735.00 \$40,500.00 \$5,000.00 \$20,000.00 \$2,500.00
1.09 PAR 1.10 4" C 1.11 CON 1.12 CON 1.13 EAR 1.14 ERO 2.0 STO 2.01 15" 2.02 18" 2.03 24"	RKING LOT STRIPING CONCRETE SIDEWALK W/BASE NCRETE CURB NCRETE STAIRS AND RAMPS WITH HANDRAIL RTHWORK DSION CONTROL SITE INFRASTRUCTURE SUB-TOTAL DRM SEWER IMPROVEMENTS HDPE	LS SF LF LS CY LS	1 18,747 1,350 1 5,000	\$1,000.00 \$5.00 \$30.00 \$5,000.00 \$4.00	\$1,000.00 \$93,735.00 \$40,500.00 \$5,000.00 \$20,000.00 \$2,500.00
1.10 4" C 1.11 CON 1.12 CON 1.13 EAR 1.14 ERO 2.0 STO 2.01 15" 2.02 18" 2.03 24"	CONCRETE SIDEWALK W/BASE NCRETE CURB NCRETE STAIRS AND RAMPS WITH HANDRAIL RTHWORK OSION CONTROL SITE INFRASTRUCTURE SUB-TOTAL ORM SEWER IMPROVEMENTS HDPE	SF LF LS CY LS	18,747 1,350 1 5,000	\$5.00 \$30.00 \$5,000.00 \$4.00	\$93,735.00 \$40,500.00 \$5,000.00 \$20,000.00 \$2,500.00
1.11 CON 1.12 CON 1.13 EAR 1.14 ERO 2.0 STO 2.01 15" 2.02 18" 2.03 24"	NCRETE CURB NCRETE STAIRS AND RAMPS WITH HANDRAIL XTHWORK OSION CONTROL SITE INFRASTRUCTURE SUB-TOTAL ORM SEWER IMPROVEMENTS HDPE	LF LS CY LS	1,350 1 5,000	\$30.00 \$5,000.00 \$4.00	\$40,500.00 \$5,000.00 \$20,000.00 \$2,500.00
1.12 CON 1.13 EAR 1.14 ERO 2.0 STO 2.01 15" 2.02 18" 2.03 24"	NCRETE STAIRS AND RAMPS WITH HANDRAIL RTHWORK DSION CONTROL SITE INFRASTRUCTURE SUB-TOTAL DRM SEWER IMPROVEMENTS HDPE	LS CY LS	1 5,000	\$5,000.00 \$4.00	\$5,000.00 \$20,000.00 \$2,500.00
1.13 EAR 1.14 ERO 2.0 STO 2.01 15" 2.02 18" 2.03 24"	RTHWORK DSION CONTROL SITE INFRASTRUCTURE SUB-TOTAL DRM SEWER IMPROVEMENTS HDPE	CY LS	5,000	\$4.00	\$20,000.00 \$2,500.00
1.14 ERO 2.0 STO 2.01 15" 2.02 18" 2.03 24"	DSION CONTROL SITE INFRASTRUCTURE SUB-TOTAL DRM SEWER IMPROVEMENTS HDPE	LS	,		\$2,500.00
2.0 STO 2.01 15" 2.02 18" 2.03 24"	SITE INFRASTRUCTURE SUB-TOTAL DRM SEWER IMPROVEMENTS HDPE		1	\$2,500.00	
2.0115"2.0218"2.0324"	DRM SEWER IMPROVEMENTS HDPE	LF			\$608 506 00
2.0115"2.0218"2.0324"	HDPE	LF			2000,200.00
2.0218"2.0324"		LF			
2.03 24"	HDPE		122	\$30.00	\$3,660.00
		LF	71	\$40.00	\$2,840.00
2.04 6" H	HDPE	LF	256	\$50.00	\$12,800.00
	HDPE	LF	364	\$20.00	\$7,280.00
2.05 10"	HDPE	LF	158	\$25.00	\$3,950.00
2.06 8" A	ADS DRAIN BASIN	EA	4	\$1,000.00	\$4,000.00
2.07 24"	ADS DRAIN BASIN	EA	1	\$3,000.00	\$3,000.00
2.08 6'X4	4' CONCRETE CURB INLET	EA	3	\$4,500.00	\$13,500.00
2.09 CON	NNECT TO EXISTING STORM STRUCTURE	EA	2	\$3,000.00	\$6,000.00
2.10 8" T	TRENCH DRAIN	LF	10	\$50.00	\$500.00
	STORM SEWER SUB-TOTAL				\$57,530.00
3.0 WA	ITER IMPROVEMENTS				
3.01 6"P\	VC WATER MAIN	LF	280	\$60.00	\$16,800.00
3.02 3" C	C900 PVC WATER MAIN SERVICE	LF	218	\$50.00	\$10,900.00
3.03 2" T	TYPE K COPPER WATER SERVICE LINE	LF	53	\$50.00	\$2,650.00
3.04 FIRE	E HYDRANT ASSEMBLY	EA	1	\$4,000.00	\$4,000.00
3.05 2" N	METER & METER PIT	EA	2	\$2,500.00	\$5,000.00
	WATER SUB-TOTAL				\$39,350.00
4.0 SAN	NITARY SEWER IMPROVEMENTS				
4.01 6" P	PVC SANITARY SEWER SERVICE	LF	59	\$35.00	\$2,065.00
4.02 SAN	NITARY CLEANOUT	EA	2	\$500.00	\$1,000.00
4.03 CON	NNECT TO EXISTING SANITARY MANHOLE	EA	1	\$3,000.00	\$3,000.00
4.04 GRE	EASE INTERCEPTOR	EA	1	\$2,000.00	\$2,000.00
	SANITARY SEWER SUB-TOTAL				\$8,065.00

