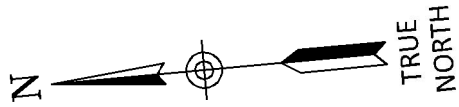


1. No Agenda

Documents:

[GATE STREET SIDEWALK FULL PLAN \(PDF\).PDF](#)
[GATE STREET MASTERPLAN COST ESTIMATE \(PDF\).PDF](#)
[CONCEPT PLAN \(PDF\).PDF](#)



ING

BACKSTOP
FENCE

ROUTE 138

UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES OR GOVERNMENT AGENCIES, FROM PAROL TESTIMONY AND FROM OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, THE EXISTENCE OF WHICH ARE UNKNOWN TO BARTON & LOGUIDICE, THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION. CALL BEFORE YOU DIG: 1-(800) 922-4455.

1. SURVEY PLAN SHOWING PROPERTY TO BE CONVEYED TO THE TOWN OF VOLUNTOWN GATES ST. & MAIN ST. VOLUNTOWN, CT. SCALE: 1" = 40'. DATE: AUG. 85. BY: ROLAND J. HARRIS & ASSOC. MAP NUMBER 187.
2. SURVEY PLAN SHOWING PROPERTY OF THE TOWN OF VOLUNTOWN GATES ROAD & MAIN STREET VOLUNTOWN CONN. SCALE: 1" = 40'. DATE: JUNE 1985. BY: ROLAND J. HARRIS & ASSOC. MAP NUMBER 96.

DWP- DETECTABLE WARNING PAD

Date	APRIL, 2023
Scale	SEE SCALE
Sheet Number	SP-2
Project Number	3880.002.001

1. ALL PLANTS SHALL BE OF QUALITY PRESCRIBED IN SPECIFICATIONS AND AS NOTED IN THESE NOTES AND DETAILS.
2. REFER TO PLANTING SPECIFICATION FOR FURTHER REQUIREMENTS RELATED TO PLANTING DETAILS.
3. SCARIFY EDGES OF TREE AND SHRUB PITS.
4. PLANTS SHALL HAVE SAME RELATIONSHIP TO FINISH GRADE AS IN THE NURSERY OR CONTAINER.
5. PLANTS SHALL BE PLANTED PLUMB AND STRAIGHT.
6. FERTILIZE PLANTS IN ACCORDANCE WITH SPECIFICATIONS.

1. ASPECT RATIO OF ALL BRANCH UNIONS (INCLUDING MULTI-STEM TREES) SHALL BE LESS THAN 0.66. ASPECT RATIO IS THE DIAMETER OF THE BRANCH DIVIDED BY THE DIAMETER OF THE TRUNK AS MEASURED 1" ABOVE THE BRANCH UNION.
2. UPRIGHT STAKES TO BE USED ON TREES UP TO 12 FT. IN HEIGHT. LARGER TREES MUST BE GUYED.
3. TREES WHICH ARE LOCATED WITHIN 4 FT. OF AN ADJACENT SHRUB BED SHALL HAVE THEIR MULCHED AREA CONNECTED WITH THE MULCHED BED OF THE SHRUBS.
4. PRUNE ANY BROKEN BRANCHES AFTER FINAL PLACEMENT. PRUNE PERIMETER BRANCHES AS REQUIRED BUT RETAIN NATURAL SHAPE OF TREE. NEVER CUT A LEADER. PRUNING TO BE PERFORMED BY A QUALIFIED ARBORIST/BOTANIST ONLY.

1. REFER TO PLANTING PLAN AND SCHEDULE FOR SPECIES, SIZE, AND SPACING DIMENSION.
2. ALL SHRUBS TO BE PLANTED IN MULCHED BEDS.
3. ALL BEDS TO BE COMPLETELY EXCAVATED OF ALL EXISTING SOIL TO REQUIRED DEPTH AND BACKFILLED WITH REQUIRED MODIFIED SOIL MIX.
4. BEDS TO HAVE SMOOTHLY CONTOURED AND CLEARLY DEFINED EDGES. BEDS SHALL BE CURVILINEAR EXCEPT AS NOTED ON PLAN.

1. SEED MIX TO BE 'NEW ENGLAND WETMIX' (WETLAND SEED MIX) - AS PRODUCED BY NEW ENGLAND WETLAND PLANTS, INC., 413.548.8000, WWW.NEWP.COM, OR APPROVED EQUAL.
2. SEEDING RATE TO BE 18LBS PER ACRE, OR 1LB PER 2,500 SF.



GATE STREET SIDEWALK DETAILS

VOLUNTOWN

Project Number
3880.002.001

Plotted: Jun 01, 2023 - 9:30AM SYR By: nixon
 C:\Users\nixon\AppData\Local\Temp\AcPublish_11948\DESIGN_Sidewalk_Voluntown Gate Street Recreation Complex.dwg
 Checked by: N/M/C Drawn by: NAN Designed by: NAN In: _____



1 NOT TO SCALE



TEMPORARY METHODS:

1. MULCHES: IN ACCORDANCE WITH THE APPROVED SWPPP.
2. VEGETATIVE COVER: IN ACCORDANCE WITH THE APPROVED SWPPP.
3. ADHESIVES: USE ON MINERAL SOILS ONLY (NOT EFFECTIVE ON MUCK SOILS). KEEP TRAFFIC OFF THESE AREAS. THE FOLLOWING TABLE MAY BE USED FOR GENERAL GUIDANCE.

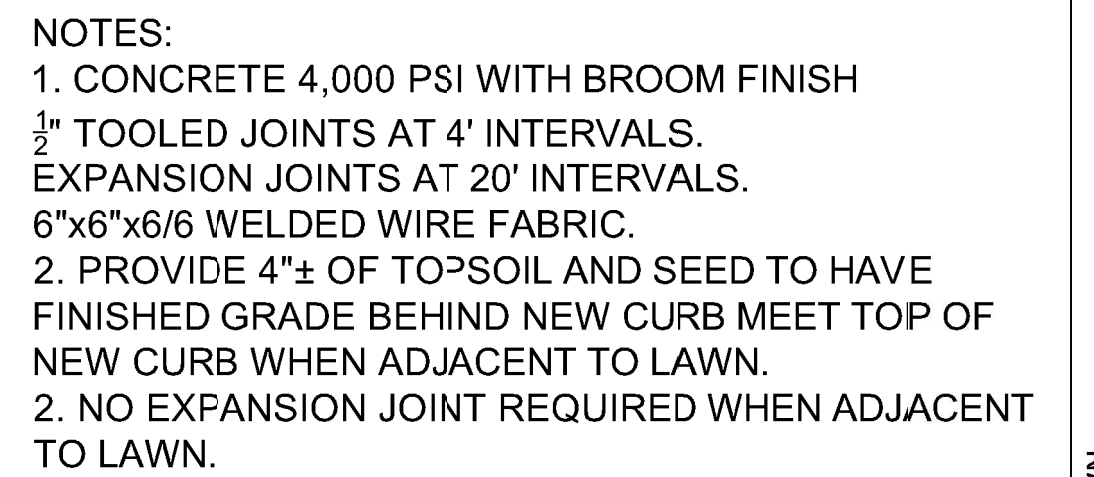
4. TILLAGE: FOR EMERGENCY TEMPORARY TREATMENT, SCARIFY THE SOIL SURFACE TO PREVENT OR REDUCE THE AMOUNT OF BLOWING DUST UNTIL A MORE APPROPRIATE SOLUTION CAN BE IMPLEMENTED. BEGIN THE TILLAGE OPERATION ON THE WINDWARD SIDE OF THE SITE USING A CHISEL-TYPE PLOW FOR BEST RESULTS.
5. SPRINKLING: SPRINKLE SITE WITH WATER UNTIL THE SURFACE IS MOIST. REPEAT AS NEEDED.
6. CALCULATED AMOUNT OF GRANULAR MATERIAL WILL BE SPREADER AT RATE THAT WILL KEEP THE SOIL SURFACE MOIST. RE-APPLY AS NECESSARY.
7. BARRIERS: PLACE BARRIERS SUCH AS SOLID BOARDFENCES, SNOW FENCES, HAY BALES, ETC. AT RIGHT ANGLES TO THE PREVAILING AIR CURRENTS AT INTERVALS OF APPROX. 10X THEIR HEIGHT.

8. VEGETATIVE COVER: IN ACCORDANCE WITH THE APPROVED SWPPP.
9. STONE: APPLY LAYER OF CRUSHED STONE OR COARSE GRAVEL TO PROTECT SOIL SURFACE.

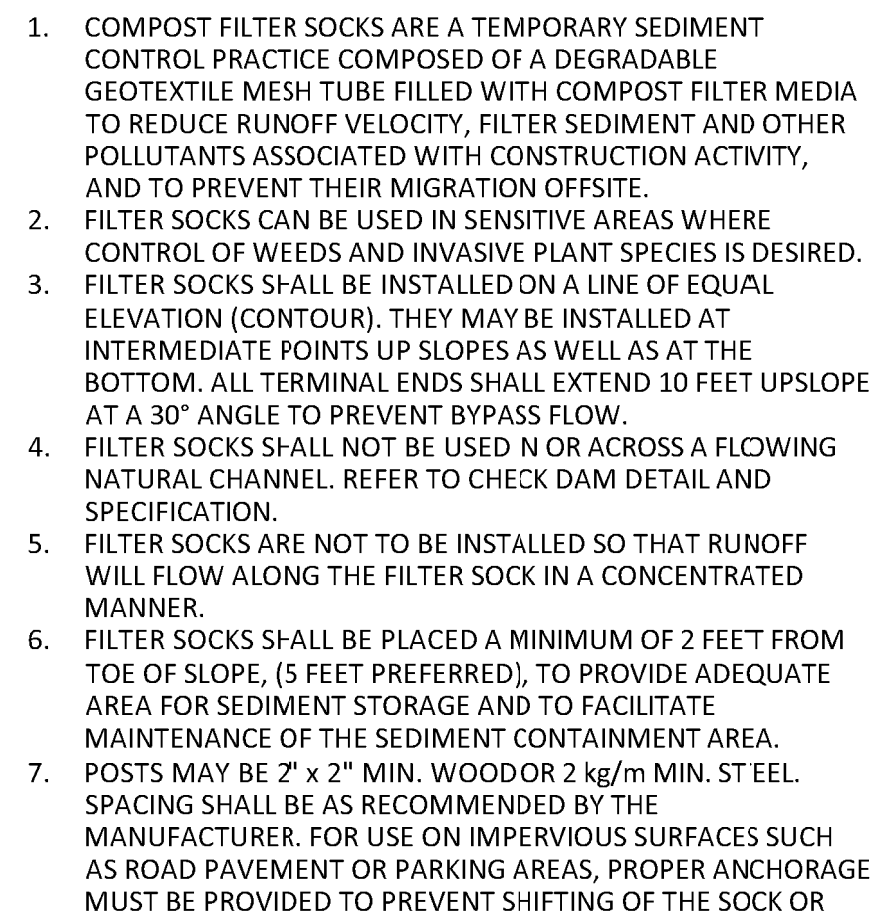
3 NOT TO SCALE



- ## ASPHALTIC ROADWAY RESTORATION PAVEMENT



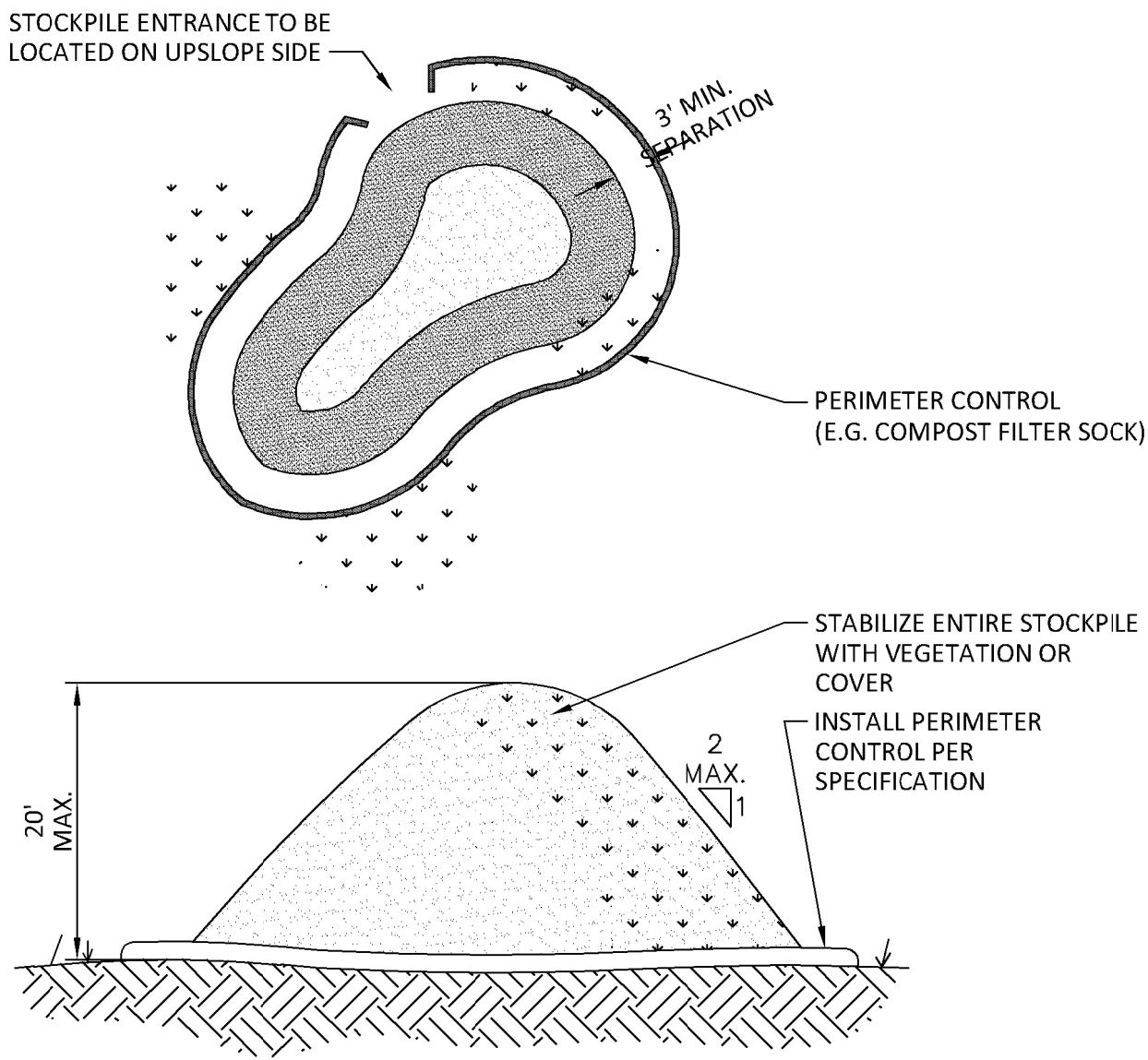
4 NOT TO SCALE



DIA.	SLOPE (%)						
	2	5	10	20	25	33	50
8"	225'	200'	100'	50'	20'	-	-
12"	250'	225'	125'	65'	50'	40'	25'
18"	275'	250'	150'	70'	55'	45'	30'
24"	350'	275'	200'	130'	100'	60'	35'
32"	450'	325'	275'	150'	120'	75'	50'

9. MEASURES SHALL BE INSPECTED EVERY 7 CALENDAR DAYS, AFTER EACH RAINFALL OF 0.5" OR MORE WITHIN A 12 HOUR PERIOD, OR DAILY DURING PROLONGED RAINFALL. MEASURES SHALL BE CLEANED AND REPAIRED AS REQUIRED.
10. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES ONE-HALF OF THE ABOVE GROUND HEIGHT. SEDIMENT SHALL BE DISPOSED OF AS UNSUITABLE MATERIAL.
11. UPON STABILIZATION OF THE AREA TRIBUTARY TO THE FILTER SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR THE MESH CAN BE CUT AND THE COMPOST SPREAD AS AN ADDITIONAL MULCH TO ACT AS A SOIL SUPPLEMENT.
12. MAXIMUM DRAINAGE AREA TRIBUTARY TO 100' OF FILTER SOCK SHALL BE 0.5 ACRE

5 NOT TO SCALE

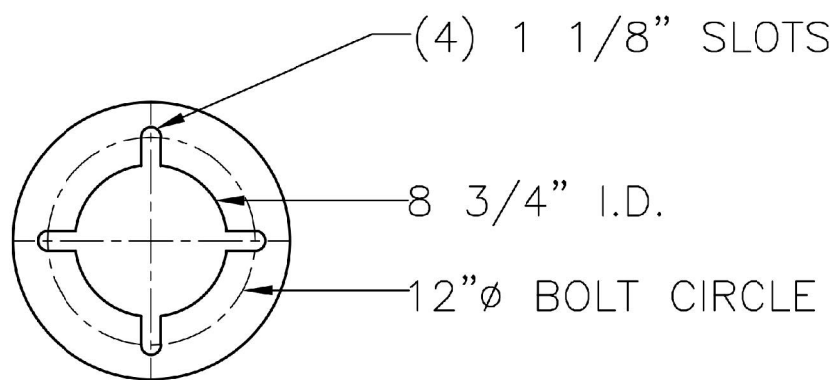
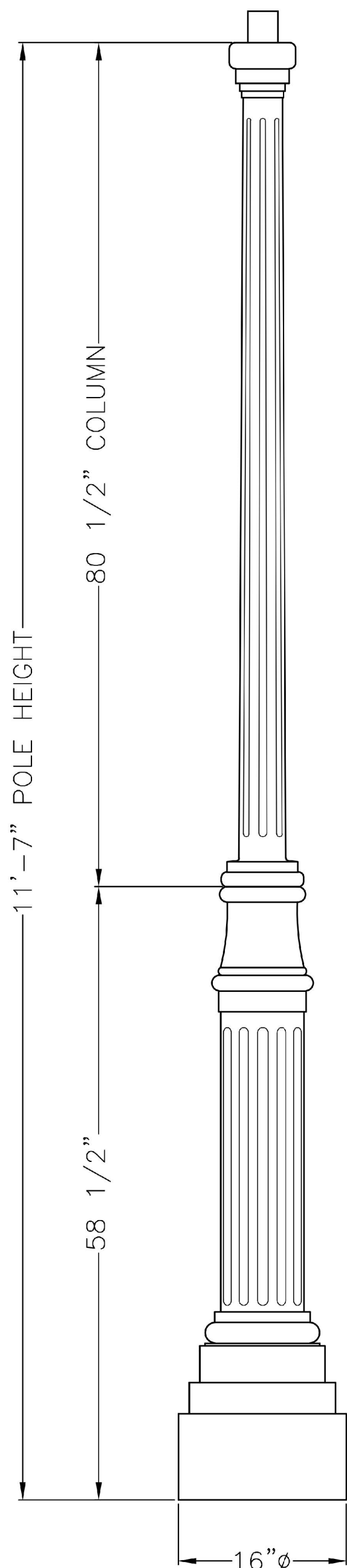


TEMPORARY SOIL STOCKPILE NOTES:

- STOCKPILING AREAS SHALL BE DRY, STABLE, AND AT LEAST 50 FEET FROM ANY STORM DRAIN INLET, OPEN CHANNEL, WETLAND, WATERBODY, OR OTHER PROTECTED AREA. DO NOT LOCATE STOCKPILES WITHIN OVERLAND DRAINAGE FLOW PATHS, DESIGNATED FLOODWAYS, OR WITHIN THE DRIP LINE OR OVER THE ROOT CROWN OF ADJACENT TREES.
- THE MAXIMUM SLOPE OF STOCKPILES SHALL BE BASED ON THE ANGLE OF REPOSE OF THE STOCKPILED MATERIAL BUT SHALL NEVER BE GREATER THAN 2:1.
- UPON COMPLETION OF SOIL STOCKPILING EACH PILE SHALL BE SURROUNDED WITH A PERIMETER SEDIMENT CONTROL BARRIER SUCH AS STACKED COMPOST FILTER SOCKS, HAY BALES, OR SILTFENCING.SEE COMPOST FILTER SOCK DETAIL FOR INSTALLATION OF SOCKS. FOR SILT FENCE OR HAY BALES, REFER TO BLUE BOOK FOR INSTALLATION REQUIREMENTS.
- IF STOCKPILE IS TO REMAIN INACTIVE FOR MORE THAN 14 CALENDAR DAYS, THE STOCKPILE MUST BE VEGETATED. FOLLOW TEMPORARY VEGETATION SPECIFICATIONS. THE VEGETATION CHOSEN SHALL LAST THE DURATION OF THE STOCKPILE. RESTABILIZE IF THE TEMPORARY VEGETATION DIES OR EROSION RESULTS.

1 TEMPORARY SOIL STOCKPILE

NOT TO SCALE



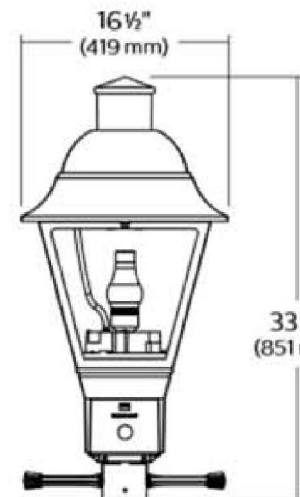
2 SIGHT LIGHTING DETAILS

NOT TO SCALE

VX151/VX152 Independence

Post top

Dimensions



VX151
Height: 33-1/2" (85 cm)
Width: 16-1/2" (42 cm)
Max EPA: 1.65 sq. ft.
Max Weight: 27.9 lbs (12.7 kg)



VX152
Height: 41-3/8" (105 cm)
Width: 16-1/2" (42 cm)
Max EPA: 1.65 sq. ft.
Max Weight: 27.9 lbs (12.7 kg)

LED Wattage and Lumen Values for 3000K fixtures

Ordering Code: (3000K)	Total LEDs	Average System		Type 2			Type 3			Type 3W			Type 4			Type 5		
		System current (mA)	Watts (W)	Lumen Output*	Efficacy (LPW)	BUG Rating	Lumen Output*	Efficacy (LPW)	BUG Rating	Lumen Output*	Efficacy (LPW)	BUG Rating	Lumen Output*	Efficacy (LPW)	BUG Rating	Lumen Output*	Efficacy (LPW)	BUG Rating
Clear Panel VX151 & VX152 3000K																		
32-G2-C-x-W3	32	350	38	2953	78	B1-U2-G1	2929	77	B1-U2-G1	3008	79	B1-U3-G1	2934	77	B1-U2-G1	3069	81	B3-U3-G1
32-G2-C-x-W5	32	530	53	4236	80	B1-U2-G1	4201	79	B1-U3-G1	4315	81	B1-U3-G1	4208	79	B1-U3-G1	4402	83	B3-U3-G1
32-G2-C-x-W7	32	700	71	5342	75	B1-U3-G1	5299	75	B1-U3-G1	5442	77	B1-U3-G2	5308	75	B1-U3-G1	5552	78	B3-U3-G1
48-G2-C-x-W3	48	350	51	4430	87	B1-U3-G1	4394	86	B1-U3-G1	4512	88	B1-U3-G1	4401	86	B1-U3-G1	4604	90	B3-U3-G1
48-G2-C-x-W5	48	530	79	6354	80	B1-U3-G1	6302	80	B1-U3-G1	6472	82	B1-U3-G2	6313	80	B1-U3-G2	6603	84	B3-U3-G2
64-G2-C-x-W3	64	350	68	5821	86	B1-U3-G1	5823	86	B1-U3-G1	6086	90	B1-U3-G2	5873	86	B1-U3-G2	6249	92	B3-U3-G1
64-G2-C-x-W5	64	530	104	8350	80	B2-U3-G2	8352	80	B2-U3-G2	8730	84	B2-U3-G2	8424	81	B2-U3-G2	8963	86	B3-U3-G2
Frosted Panel VX151 & VX152 3000K																		
32-G2-F-x-W3	32	350	38	2708	71	B1-U3-G2	2714	71	B1-U3-G2	2778	73	B1-U3-G2	2727	72	B1-U3-G2	2850	75	B2-U3-G3
32-G2-F-x-W5	32	530	53	3884	73	B1-U3-G2	3893	73	B1-U3-G3	3985	75	B1-U3-G3	3912	74	B1-U3-G3	4088	77	B2-U3-G3
32-G2-F-x-W7	32	700	71	4899	69	B1-U3-G3	4910	69	B1-U3-G3	5025	71	B1-U3-G3	4933	69	B1-U3-G3	5156	73	B2-U3-G3
48-G2-F-x-W3	48	350	51	4062	80	B1-U3-G2	4071	80	B1-U3-G3	4167	82	B1-U3-G3	4091	80	B1-U3-G3	4275	84	B3-U3-G3
48-G2-F-x-W5	48	530	79	5826	74	B2-U3-G3	5839	74	B2-U3-G3	5977	76	B2-U3-G3	5867	74	B1-U3-G3	6132	78	B3-U3-G3
64-G2-F-x-W3	64	350	68	5389	79	B1-U3-G3	5415	80	B1-U3-G3	5623	83	B1-U3-G3	5457	80	B1-U3-G3	5834	86	B3-U4-G3
64-G2-F-x-W5	64	530	104	7730	74	B2-U3-G3	7767	75	B2-U3-G3	8065	78	B2-U4-G4	7828	75	B2-U3-G4	8368	80	B3-U4-G3
Vertical Ribbed Panel VX151 & VX152 3000K																		
32-G2-V-x-W3	32	350	38	2880	76	B1-U2-G1	2885	76	B1-U2-G1	2946	78	B1-U2-G1	2867	75	B1-U2-G1	2988	79	B2-U3-G1
32-G2-V-x-W5	32	530	53	4131	78	B1-U2-G1	4138	78	B1-U3-G1	4226	80	B1-U3-G1	4112	78	B1-U3-G1	4286	81	B3-U3-G1
32-G2-V-x-W7	32	700	71	5210	73	B1-U3-G1	5219	74	B1-U3-G1	5329	75	B1-U3-G2	5186	73	B1-U3-G1	5405	76	B3-U3-G2
48-G2-V-x-W3	48	350	51	4320	85	B1-U3-G1	4328	85	B1-U3-G1	4419	87	B1-U3-G1	4301	84	B1-U3-G1	4482	88	B3-U3-G1
48-G2-V-x-W5	48	530	79	6197	78	B1-U3-G1	6207	79	B1-U3-G1	6339	80	B1-U3-G2	6169	78	B1-U3-G2	6429	81	B3-U3-G2
64-G2-V-x-W3	64	350	68	5730	84	B1-U3-G1	5734	84	B1-U3-G1	5927	87	B1-U3-G2	5765	85	B1-U3-G2	6125	90	B3-U3-G2
64-G2-V-x-W5	64	530	104	8219	79	B2-U3-G2	8224	79	B2-U3-G2	8501	82	B2-U3-G2	8269	80	B2-U3-G2	8785	84	B3-U3-G2

Actual performance may vary due to installation variables including optics, mounting/ceiling height, dirt depreciation, light loss factor, etc.; highly recommended to confirm performance with a layout - contact Applications at outdoorlighting.applications@philips.com.
Note: Some data may be scaled based on tests of similar. But not identical luminaires.

Urban_Spec Sheet_Independence-LED-spec.pdf 12/18 page 2 of 4

DRAFT

TOWN OF VOLUNTOWN
GATE STREET RECREATION COMPLEX

GATE STREET
SIDEWALK DETAILS

41 Sequin Drive
Glastonbury, CT
06033

B&L
Barton & Loguidice, LLC

VOLUNTOWN

CONNECTICUT

REVISIONS	

Date	APRIL, 2023
Scale	SEE SCALE
Sheet Number	D-3
Project Number	3880.002.001

ESTIMATE OF PROBABLE COST

PROJECT: Gate Street Recreation Area			JOB NO: 3880.002		DATE: 6/2/2023	
CLIENT: Town of Voluntown			PREP BY: B&L			
	TOTAL	UNIT	QTY	COST/UNIT	2023 COSTS	WITH 25% Contingency
GATE STREET RECREATION AREA						
NEW PLAYGROUND (5-12 YEARS)						
	PLAYGROUND EQUIPMENT	EA	1	\$150,000.00	\$150,000.00	\$187,500.00
	UNCLASSIFIED EXCAVATION AND DISPOSAL (Playground Area)	CY	295	\$30.00	\$8,850.00	\$11,062.50
	POURED-IN PLACE RUBBER SURFACING	SF	11,890	\$20.00	\$237,800.00	\$297,250.00
	NEW SPLIT RAIL FENCE	LF	185	\$75.00	\$13,875.00	\$17,343.75
	UNCLASSIFIED EXCAVATION AND DISPOSAL (Bench Foundation)	CY	3	\$40.00	\$120.00	\$150.00
	CONCRETE PAD FOR BENCH	SF	120	\$24.00	\$2,880.00	\$3,600.00
	NEW BENCHES	EA	4	\$2,500.00	\$10,000.00	\$12,500.00
	NEW LITTER (TRASH) RECEPTACLE	EA	2	\$1,000.00	\$2,000.00	\$2,500.00
	LAWN RESTORATION (Assume 5' perimeter around playground)	SY	235	\$20.00	\$4,700.00	\$5,875.00
	SUBTOTAL:				\$430,225	\$537,781
	15% PROFESSIONAL DESIGN FEES:				\$64,534	\$80,667
	TOTAL:				\$494,759	\$618,448
NEW PLAYGROUND (2-5 YEARS)						
	PLAYGROUND EQUIPMENT	EA	1	\$75,000.00	\$75,000.00	\$93,750.00
	UNCLASSIFIED EXCAVATION AND DISPOSAL (Playground Area)	CY	215	\$30.00	\$6,450.00	\$8,062.50
	POURED-IN PLACE RUBBER SURFACING	SF	8,635	\$20.00	\$172,700.00	\$215,875.00
	NEW SPLIT RAIL FENCE	LF	280	\$75.00	\$21,000.00	\$26,250.00
	UNCLASSIFIED EXCAVATION AND DISPOSAL (Bench Foundation)	CY	2	\$40.00	\$60.00	\$75.00
	CONCRETE PAD FOR BENCH	SF	60	\$24.00	\$1,440.00	\$1,800.00
	NEW BENCHES	EA	2	\$2,500.00	\$5,000.00	\$6,250.00
	NEW LITTER (TRASH) RECEPTACLE	EA	1	\$1,000.00	\$1,000.00	\$1,250.00
	LAWN RESTORATION (Assume 5' perimeter around playground)	SY	215	\$20.00	\$4,300.00	\$5,375.00
	SUBTOTAL:				\$286,950	\$358,688
	15% PROFESSIONAL DESIGN FEES:				\$43,043	\$53,803
	TOTAL:				\$329,993	\$412,491

DRAFT

EXPANDED PARKING AREA & BOAT LAUNCH DRIVE						
	UNCLASSIFIED EXCAVATION AND DISPOSAL (Asphalt Pavement)	CY	1,375	\$30.00	\$41,250.00	\$51,562.50
	ASPHALT PAVEMENT (Includes Subbase)	SY	6,173	\$65.00	\$401,266.67	\$501,583.33
	CONCRETE SIDEWALK/PATHWAY TO ROAD	SF	1,695	\$17.00	\$28,815.00	\$36,018.75
	DETECTABLE WARNING STRIP	SF	54	\$42.50	\$2,295.00	\$2,868.75
	NEW STRIPING	LF	1,892	\$1.00	\$1,892	\$2,365.00
	NEW PAVEMENT MARKINGS	SF	1,094	\$5.00	\$5,470	\$6,837.50
	LAWN RESTORATION (Assume 5ft on either side of pathways, and include landscape Islands)	SY	1,450	\$20.00	\$29,000.00	\$36,250.00
	SUBTOTAL:				\$509,989	\$637,486
	15% PROFESSIONAL DESIGN FEES:				\$76,498	\$95,623
	TOTAL:				\$586,487	\$733,109
REMOVALS						
	REMOVAL OF EXISTING GARAGE	LS	1	\$50,000.00	\$50,000.00	\$62,500.00
	REMOVAL OF BASEBALL FIELD & LAWN RESTORATION	LS	1	\$25,000.00	\$25,000.00	\$31,250.00
	EXISTING PARKING AREA -PARTIAL REMOVAL & LAWN RESTORATION	LS	1	\$28,000.00	\$28,000.00	\$35,000.00
	REMOVAL OF EXISTING PLAYGROUND & LAWN RESTORATION	LS	1	\$25,000.00	\$25,000.00	\$31,250.00
	SUBTOTAL:				\$128,000	\$160,000
	15% PROFESSIONAL DESIGN FEES:				\$19,200	\$24,000
	TOTAL:				\$147,200	\$184,000
FAMILY PICNIC AREA						
	PICNIC TABLE - WHEELCHAIR ACCESSIBLE	EA	6	\$3,000.00	\$18,000.00	\$23,000.00
	SUBTOTAL:				\$18,000	\$23,000
	15% PROFESSIONAL DESIGN FEES:				\$2,700	\$3,450
	TOTAL:				\$20,700	\$26,450
PAVILION & NEW BATHROOMS						
	BUILDING-RESTROOM & OFFICE (16'x32')	LS	1	\$125,000.00	\$125,000.00	\$156,250.00
	PAVILION (32'x54')	LS	1	\$175,000.00	\$175,000.00	\$218,750.00
	BICYCLE RACK (DESIGN CAPACITY 6 BICYCLES)	EA	2	\$1,500.00	\$3,000.00	\$3,750.00
	SUBTOTAL:				\$303,000	\$378,750
	15% PROFESSIONAL DESIGN FEES:				\$45,450	\$56,813
	TOTAL:				\$348,450	\$435,563

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FENCED DOG PARK						
	NEW 6FT HIGH CHAIN LINK FENCE	LF	465	\$75.00	\$34,875.00	\$43,593.75
	UNCLASSIFIED EXCAVATION AND DISPOSAL (Mulched Dog Park)	CY	215	\$30.00	\$6,450.00	\$8,062.50
	NEW MULCH COVER (6" DEEP)	SY	957	\$9.00	\$8,612.00	\$10,765.00
	NEW SHADE STRUCTURE	EA	2	\$30,000.00	\$60,000.00	\$75,000.00
	NEW PET PLAYGROUND EQUIPMENT	LS	1	\$10,000.00	\$10,000.00	\$12,500.00
	NEW PET WASTE BAG DISPENSER	EA	2	\$2,000.00	\$4,000.00	\$5,000.00
	NEW SIGNAGE	EA	1	\$500.00	\$500.00	\$625.00
	WATER BOTTLE FILLING STATION WITH PET FOUNTAIN (includes water service)	EA	1	\$7,000.00	\$7,000.00	\$8,750.00
	WATER SERVICE	LS	1	\$10,000.00	\$10,000.00	\$12,500.00
	LAWN RESTORATION (Assume 5ft off of disturbed areas)	SY	220	\$20.00	\$4,400.00	\$5,500.00
	SUBTOTAL:				\$145,837	\$182,296
	15% PROFESSIONAL DESIGN FEES:				\$21,876	\$27,344
	TOTAL:				\$167,713	\$209,641
BICYCLE SKILLS PARK						
	NEW BICYCLE SKILLS EQUIPMENT (WOODEN AND/OR CONCRETE JUMPS/RAMPS/STRUCTURES, ETC.)	LS	1	\$50,000.00	\$50,000.00	\$62,500.00
	DIRT PATHWAY SURFACING	SF	10,550	\$2.00	\$21,100.00	\$26,375.00
	BICYCLE RACK (DESIGN CAPACITY 6 BICYCLES)	EA	2	\$1,500.00	\$3,000.00	\$3,750.00
	NEW SIGNAGE	EA	1	\$500.00	\$500.00	\$625.00
	LAWN RESTORATION (Assume 5ft off of disturbed areas)	SY	960	\$20.00	\$19,200.00	\$24,000.00
	SUBTOTAL:				\$93,800	\$117,250
	15% PROFESSIONAL DESIGN FEES:				\$14,070	\$17,588
	TOTAL:				\$107,870	\$134,838

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SPORTS COURTS						
	RELOCATION OF DISC GOLF TARGETS	EA	4	\$500.00	\$2,000.00	\$2,500.00
	UNCLASSIFIED EXCAVATION AND DISPOSAL (Volleyball Area)	CY	105	\$30.00	\$3,150.00	\$3,937.50
	BEACH VOLLEYBALL COURT SAND (1' DEEP) (2 COURTS)	CY	102	\$50.00	\$5,092.59	\$6,365.74
	NEW POSTS AND NETS - BEACH VOLLEYBALL COURT (7.95' TALL)	EA	2	\$1,500.00	\$3,000.00	\$3,750.00
	LAWN RESTORATION (Assume 5ft off of disturbed areas)	SY	140	\$20.00	\$2,800.00	\$3,500.00
	UNCLASSIFIED EXCAVATION AND DISPOSAL (Multi Sport Court Area)	CY	375	\$30.00	\$11,250.00	\$14,062.50
	NEW COURT SURFACING - TENNIS (1 COURT)	SF	2,808	\$5.00	\$14,040.00	\$17,550.00
	NEW ASPHALT COURT (Entire court area)	SF	15,145	\$10.00	\$151,450.00	\$189,312.50
	NEW POSTS AND NETS - TENNIS (1 COURT)	EA	1	\$1,000.00	\$1,000.00	\$1,250.00
	DIGITAL INFORMATION SIGN	EA	1	\$10,000.00	\$10,000.00	\$12,500.00
	NEW COURT SURFACING - WALLBALL (2 COURT)	SF	1,360	\$5.00	\$6,800.00	\$8,500.00
	NEW CONCRETE WALL - WALLBALL (2 COURT)	SF	640	\$40.00	\$25,600.00	\$32,000.00
	NEW COURT SURFACING - PICKLEBALL (2 COURT)	SF	1,760	\$5.00	\$8,800.00	\$11,000.00
	NEW POSTS AND NETS - PICKLEBALL (2 COURT)	EA	2	\$1,000.00	\$2,000.00	\$2,500.00
	NEW 8FT HIGH CHAIN LINK FENCE (INCLUDING (2) SINGLE ACCESS GATES)	LF	495	\$95.00	\$47,025.00	\$58,781.25
	LAWN RESTORATION (Assume 5ft off of disturbed areas)	SY	285	\$20.00	\$5,700.00	\$7,125.00
	SUBTOTAL:				\$299,708	\$374,634
	15% PROFESSIONAL DESIGN FEES:				\$44,956	\$56,195
	TOTAL:				\$344,664	\$430,830
PEDESTRIAN WALKING PATHS THROUGH PARK						
	UNCLASSIFIED EXCAVATION AND DISPOSAL (Bench Foundation)	CY	20	\$40.00	\$780.00	\$975.00
	CONCRETE PAD FOR BENCH	SF	780	\$24.00	\$18,720.00	\$23,400.00
	NEW BENCHES	EA	26	\$2,500.00	\$65,000.00	\$81,250.00
	NEW LITTER (TRASH) RECEPTACLE	EA	26	\$1,000.00	\$26,000.00	\$32,500.00
	LIGHT POST	EA	26	\$15,000.00	\$390,000.00	\$487,500.00
	PICNIC TABLE - WHEELCHAIR ACCESSIBLE	EA	3	\$3,000.00	\$9,000.00	\$11,250.00
	UNCLASSIFIED EXCAVATION AND DISPOSAL (Pathway)	CY	1,100	\$30.00	\$33,000.00	\$41,250.00
	10 FT PEDESTRIAN PATHWAYS (ASPHALT) (Includes Subbase)	SY	4,944	\$42.00	\$207,643.33	\$259,554.17
	DETECTABLE WARNING STRIP	SF	216	\$42.50	\$9,180.00	\$11,475.00
	WAYFINDING SIGNAGE	EA	10	\$500.00	\$5,000.00	\$6,250.00
	TERRA BOUND SOLUTIONS DOG WASTE SYSTEM	EA	2	\$2,000.00	\$4,000.00	\$5,000.00
	BOTTLE FILL STATION	EA	2	\$7,000.00	\$14,000.00	\$17,500.00
	WATERLINE CONNECTION	LS	2	\$10,000.00	\$20,000.00	\$25,000.00
	LAWN RESTORATION (Assume 5ft off of disturbed areas)	SY	4,285	\$20.00	\$85,700.00	\$107,125.00
	SUBTOTAL:				\$888,023	\$1,110,029
	15% PROFESSIONAL DESIGN FEES:				\$133,204	\$166,504
	TOTAL:				\$1,021,227	\$1,276,534

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SIDEWALKS ALONG ROADWAYS						
	UNCLASSIFIED EXCAVATION AND DISPOSAL (Sidewalk)	CY	85	\$30.00	\$2,550.00	\$3,187.50
	5 FT CONCRETE SIDEWALK (Includes Subbase)	SF	3,410	\$15.50	\$52,855.00	\$66,068.75
	RECTANGULAR RAPID FLASHING BEACON	EA	2	\$10,000.00	\$20,000.00	\$25,000.00
	PAINT STRIPING - STREET CROSSING	SF	340	\$5.00	\$1,700.00	\$2,125.00
	LAWN RESTORATION (Assume 5ft off of disturbed areas)	SY	795	\$20.00	\$15,900.00	\$19,875.00
	LIGHT POST	EA	11	\$15,000.00	\$165,000.00	\$206,250.00
	SUBTOTAL:				\$93,005	\$322,506
	15% PROFESSIONAL DESIGN FEES:				\$13,951	\$48,376
	TOTAL:				\$106,956	\$370,882
COMMUNITY GARDEN						
	NEW 6FT HIGH CHAIN LINK FENCE	LF	270	\$75.00	\$20,250.00	\$25,312.50
	NEW MULCH COVER (6" DEEP)	SY	360	\$9.00	\$3,240.01	\$4,050.02
	PLANTER BOXES (Includes soil)	EA	30	\$500.00	\$15,000.00	\$18,750.00
	LAWN RESTORATION (Assume 5ft off of disturbed areas)	SY	160	\$20.00	\$3,200.00	\$4,000.00
	SUBTOTAL:				\$41,690	\$52,113
	15% PROFESSIONAL DESIGN FEES:				\$6,254	\$7,817
	TOTAL:				\$47,944	\$59,929
RAIN GARDENS/POLLINATOR GARDENS						
	RAIN GARDEN (Assume underdrain, bioretention soil, and plantings)	SF	10,870	\$8.50	\$92,395.00	\$115,493.75
	POLLINATOR GARDEN (soil, and plantings)	SF	7,495	\$5.50	\$41,222.50	\$51,528.13
	SUBTOTAL:				\$133,618	\$167,022
	15% PROFESSIONAL DESIGN FEES:				\$20,043	\$25,053
	TOTAL:				\$153,660	\$192,075
VIEW SHEDS						
	SELECTIVE REMOVAL OF INVASIVE PLANT SPECIES	SF	2,000	\$15.00	\$30,000.00	\$37,500.00
	FISHING PIER/OVERLOOK STRUCTURE (ONE STRUCTURE)	SF	1,500	\$50.00	\$75,000.00	\$93,750.00
	STRUCTURE RAILING	LF	110	\$150.00	\$16,500.00	\$20,625.00
	PICNIC TABLE - WHEELCHAIR ACCESSIBLE	EA	2	\$3,000.00	\$6,000.00	\$7,500.00
	SUBTOTAL:				\$127,500	\$159,375
	15% PROFESSIONAL DESIGN FEES:				\$19,125	\$23,906
	TOTAL:				\$146,625	\$183,281
SITE LANDSCAPING						
	MAJOR TREES	EA	80	\$800.00	\$64,000	\$80,000.00
	MINOR TREES	EA	80	\$500.00	\$40,000	\$50,000.00
	LAWN RESTORATION	SY	2,000	\$20.00	\$40,000	\$50,000.00
	SUBTOTAL:				\$144,000	\$180,000
	15% PROFESSIONAL DESIGN FEES:				\$21,600	\$27,000
	TOTAL:				\$165,600	\$207,000
	PROBABLE COST TOTAL:				\$4,189,846	\$5,475,070

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GATE STREET RECREATION AREA

CONCEPT PLAN

May 2023



LEGEND

EXISTING FEATURES

- 1 Existing Soccer Field
- 2 Existing Basketball Court
- 3 Existing Parking

PROPOSED FEATURES

- 4 Proposed Bicycle Skills Park
- 5 Proposed Accessible Playground (2-5y)
- 6 Proposed Accessible Playground (5-12y)
- 7 Proposed Beach Volleyball
- 8 Proposed Accessible 10' Multi Use Track
- 9 Proposed Muti Use Playing Courts (Tennis, Pickleball, Handball)
- 10 Proposed Muti Use Building (Restrooms, Pavilion)
- 11 Proposed Overlook/Fishing Dock
- 12 Proposed Story Walk Loop
- 13 Proposed Fenced in Dog Park
- 14 Proposed Picnic Area
- 15 Proposed Expanded Parking Lot
- 16 Proposed Sidewalk
- 17 Proposed Community Garden
- 18 Flexible Greenspace
- 19 Proposed Screening Vegetation
- 20 Proposed Rain Garden
- 21 Proposed Wildflower Plantings