

UTILITY WARNING

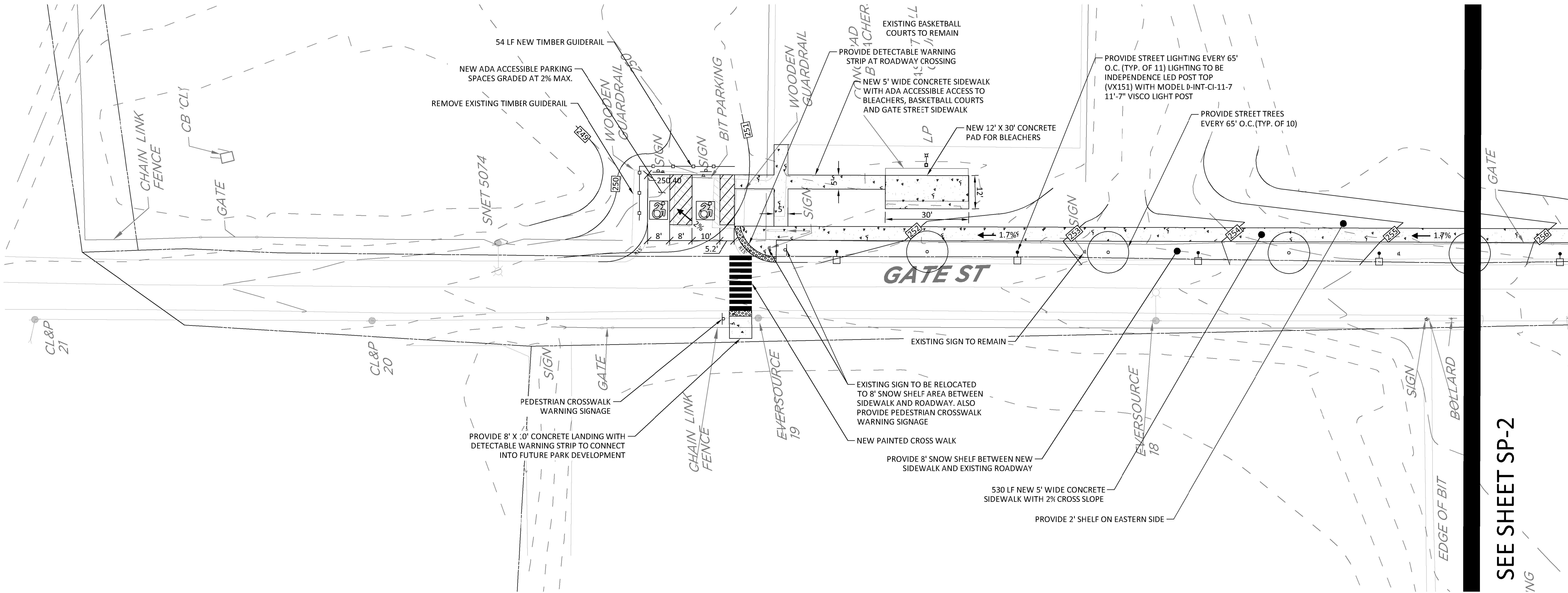
UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES OR GOVERNMENT AGENCIES, FROM PAROL TESTIMONY AND FROM OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED APPROXIMATE IN NATURE. 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.

MAP REFERENCES:

- 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.
- 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.

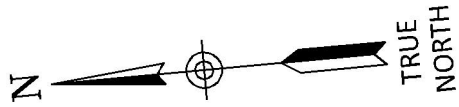
HORIZONTAL DATUM-NAD83
VERTICAL DATUM-NAVD 88

DWP- DETECTABLE WARNING PAD

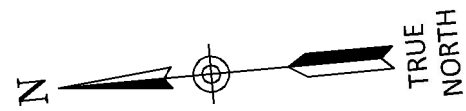
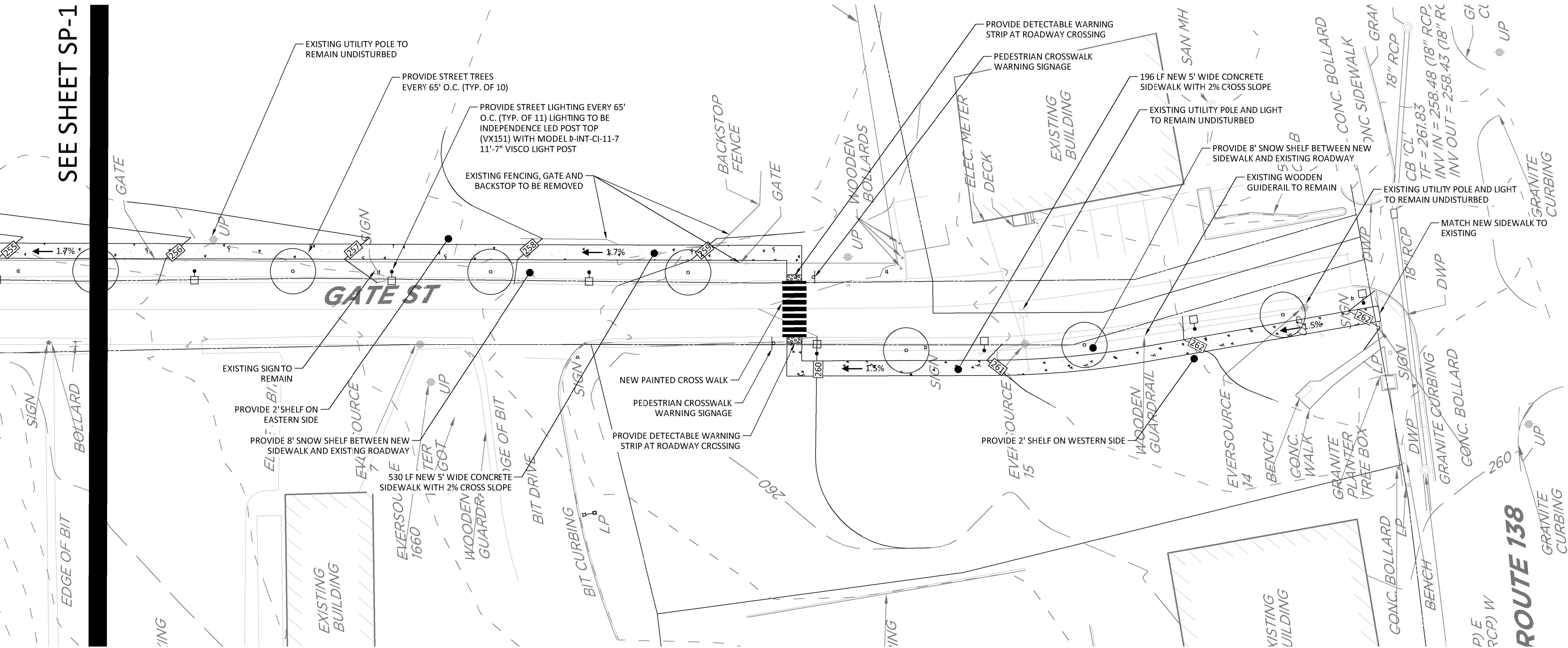


DRAFT

SEE SHEET SP-2



TOWN OF VOLUNTOWN GATE STREET RECREATION COMPLEX		REVISIONS	CONNECTICUT
GATE STREET SIDEWALK DESIGN PLANS			
VOLUNTOWN			
41 Sequin Drive Glastonbury, CT 06033			
Barton & Loguidice, LLC			
Date	APRIL, 2023	Sheet Number	Project Number
Scale	SEE SCALE		
SP-1			
3880.002.001			



UTILITY WARNING

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.

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TOWN OF VOLUNTOWN
GATE STREET RECREATION COMPLEX

GATE STREET
SIDEWALK DESIGN PLANS

VOLUNTOWN

CONNECTICUT

41 Sequin Drive
Glastonbury, CT
06033

B&L

Barton & Loguidice, LLC

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

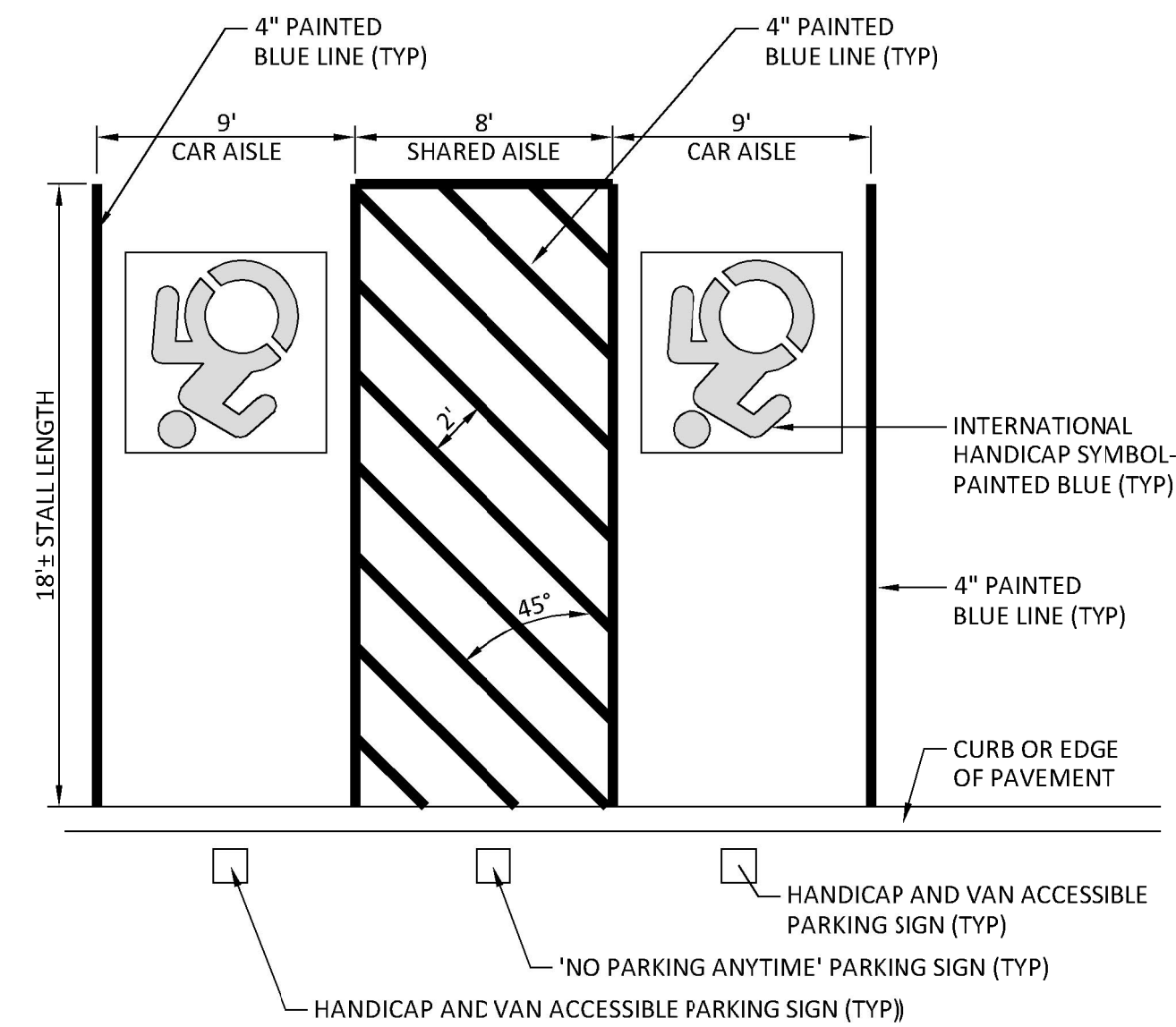
VOLUNTOWN

41 Sequin Drive
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Barton & Loquidice, LLC

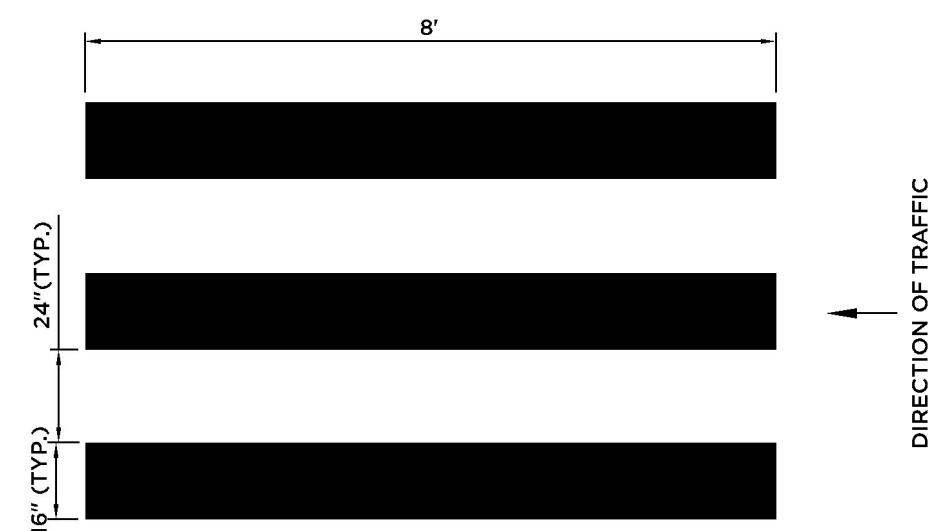
Project Number
3880.002.001

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: _____



NOTE:
PAINTED LINES AND STRIPES TO BE BLUE SHERWIN WILLIAMS SETFAST ACRYLIC MODIFIED ALKYD TRAFFIC MARKING PAINT OR APPROVED EQUAL.

1 ACCESSIBLE PARKING STALLS



2 PAINTED CROSSWALK
NOT TO SCALE

DUST CONTROL NOTES:

- 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.

TYPE OF EMULSION	WATER DILUTION	TYPE OF NOZZLE	APPLY GAL/AC
LATEX EMULSION	12.5:1	FINE SPRAY	235
RESIN-IN-WATER EMULSION	4:1	FINE SPRAY	300
ACRYLIC EMULSION (NON-TRAFFIC)	7:1	COARSE SPRAY	450
ACRYLIC EMULSION (TRAFFIC)	3.5:1	COARSE SPRAY	350

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. CALCIUM CHLORIDE: APPLY FLAKES OR GRANULAR MATERIAL WITH A SPREADER AT A 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.

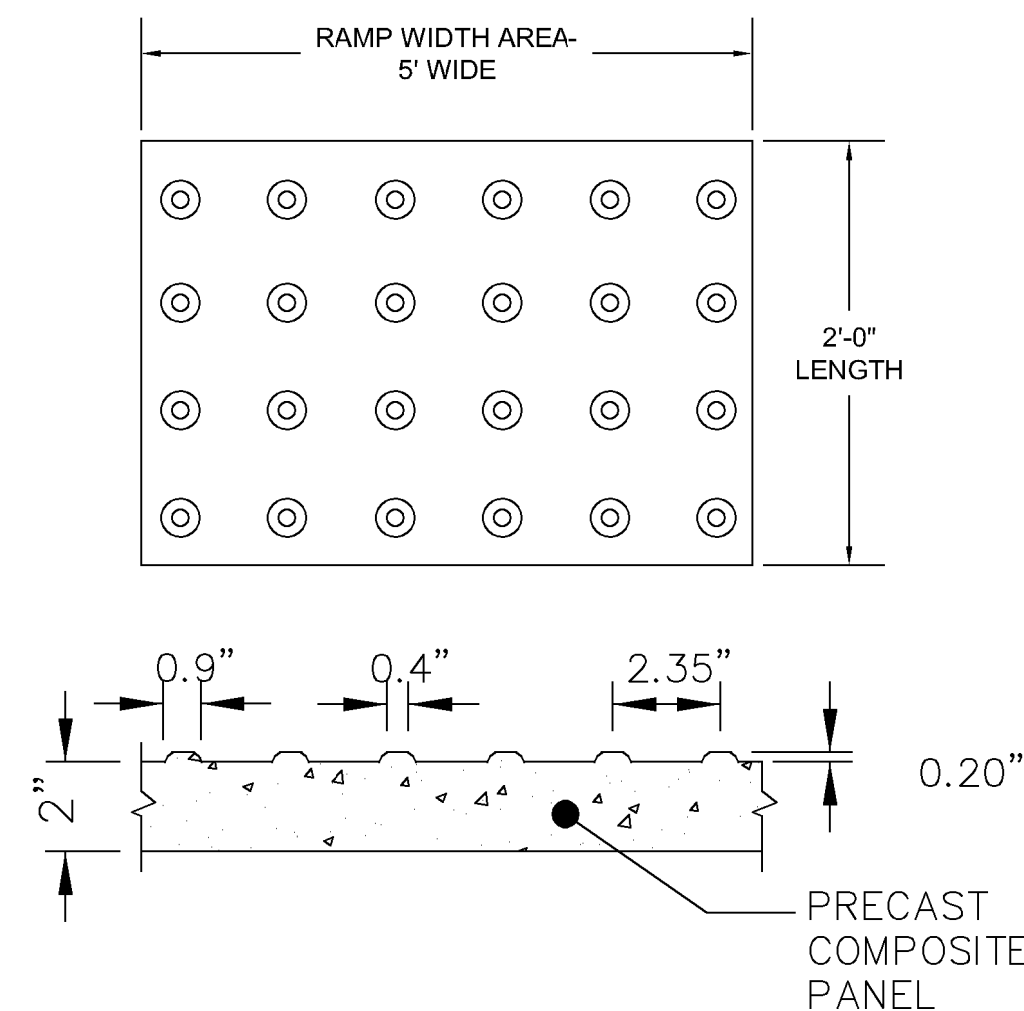
PERMANENT METHODS:

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

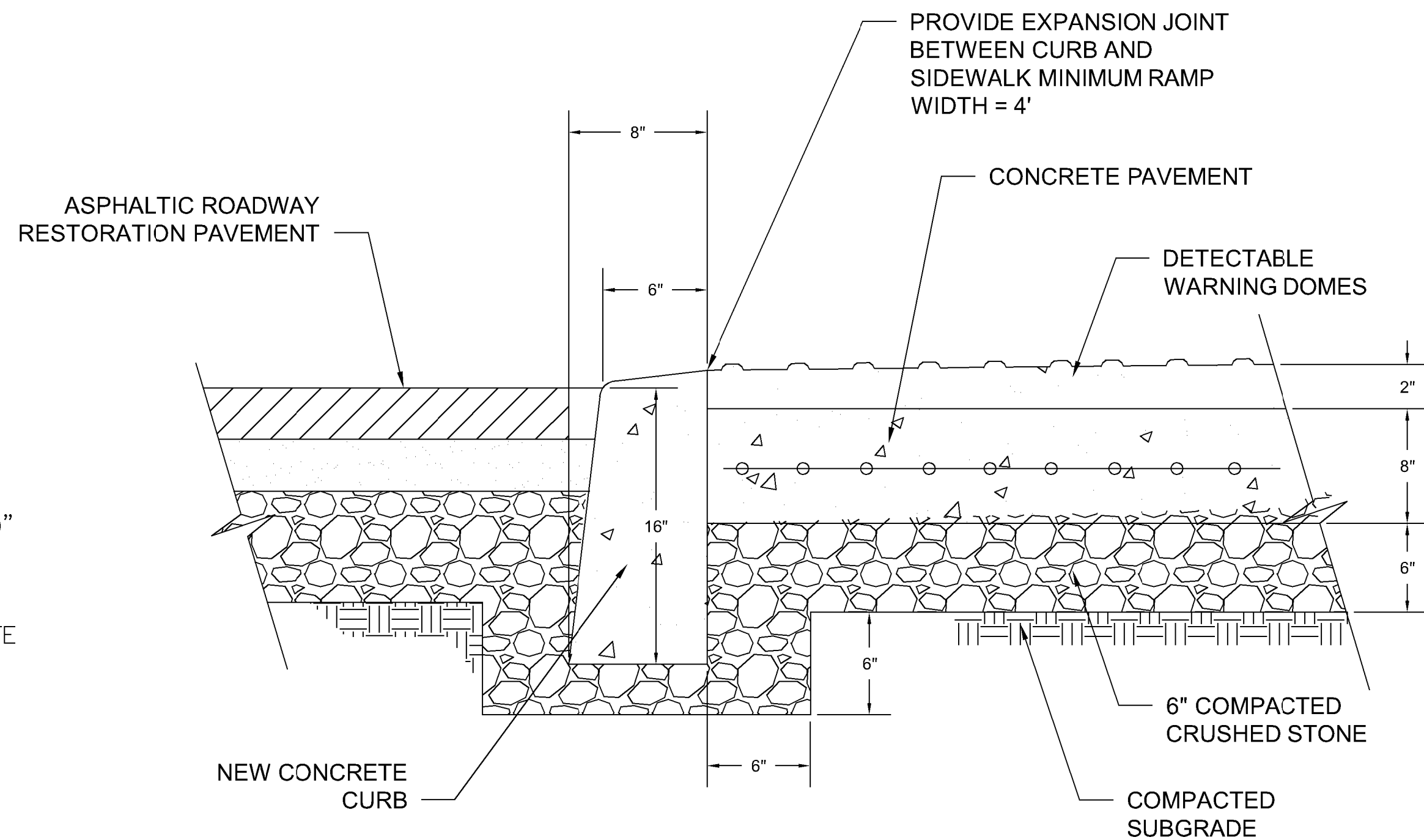
3 DUST CONTROL NOTES

NOTES:

1. DETECTABLE WARNING DOME MODULAR PAVER SHALL BE EQUAL TO ARMOR-TILE TACTILE SYSTEMS.
2. DARK GRAY IN COLOR FOR RESIDENTIAL AREAS.



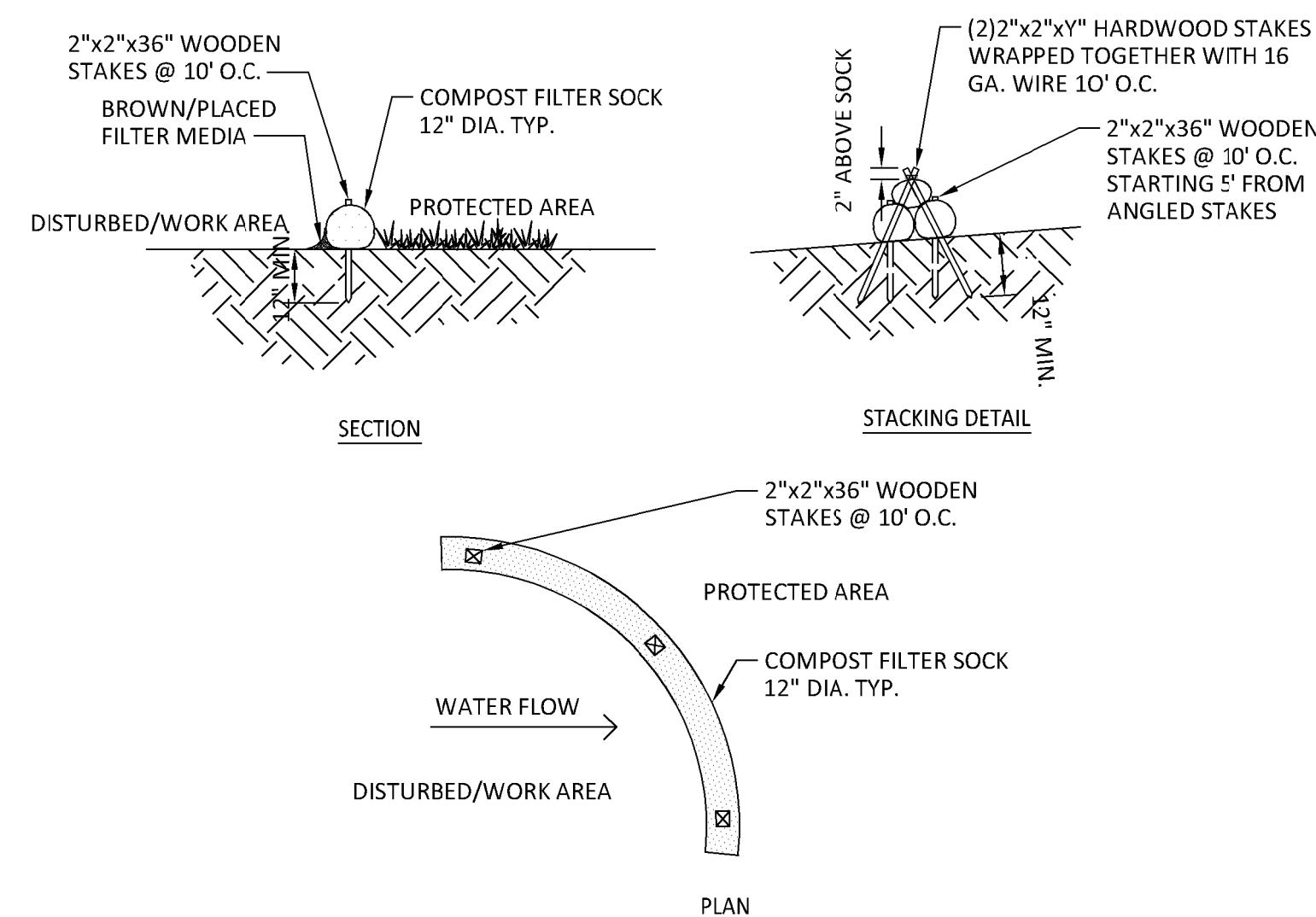
DETECTABLE WARNING DOMES



NOTES:

1. CONCRETE 4,000 PSI WITH BROOM FINISH
 $\frac{3}{4}$ " TOOLED JOINTS AT 4' INTERVALS.
EXPANSION JOINTS AT 20' INTERVALS.
6"x6"x6/6 WELDED WIRE FABRIC.
2. PROVIDE 4" \pm OF TOP \pm SOIL AND SEED TO HAVE
FINISHED GRADE BEHIND NEW CURB MEET TOP
OF NEW CURB WHEN ADJACENT TO LAWN.
2. NO EXPANSION JOINT REQUIRED WHEN ADJACENT
TO LAWN.

4 DETECTABLE WARNING STRIP DETAIL



COMPOST FILTER SOCK NOTES:

1. COMPOST FILTER SOCKS ARE A TEMPORARY SEDIMENT CONTROL PRACTICE COMPOSED OF A DEGRADABLE GEOTEXTILE MESH TUBE FILLED WITH COMPOST FILTER MEDIA TO REDUCE RUNOFF VELOCITY, FILTER SEDIMENT AND OTHER POLLUTANTS ASSOCIATED WITH CONSTRUCTION ACTIVITY, AND TO PREVENT EROSION OF EXPOSED SOILS.
2. FILTER SOCKS CAN BE USED IN SENSITIVE AREAS WHERE CONTROL OF WEEDS AND INVASIVE PLANT SPECIES IS DESIRED.
3. FILTER SOCKS SHALL BE INSTALLED ON A LINE OF EQUAL ELEVATION (CONTOUR). THEY MAY BE INSTALLED AT INTERMEDIATE POINTS UP SLOPES AS WELL AS AT THE BOTTOM. ALL TERMINAL ENDS SHALL EXTEND 10 FEET UP SLOPES AT A 45 DEGREE ANGLE TO PREVENT EROSION.
4. FILTER SOCKS SHALL NOT BE USED N OR ACROSS A FLOWING NATURAL CHANNEL. REFER TO CHECK DAM DETAIL AND SPECIFICATION.
5. FILTER SOCKS ARE NOT TO BE INSTALLED SO THAT RUNOFF WILL FLOW ALONG THE FILTER SOCK IN A CONCENTRATED MANNER.
6. FILTER SOCKS SHALL BE PLACED A MINIMUM OF 2 FEET FROM THE TOE OF SLOPE, (5 FEET PREFERRED), TO PROVIDE ADEQUATE AREA FOR SEDIMENT STORAGE AND TO FACILITATE MAINTENANCE OF THE SEDIMENT CONTAINMENT AREA.
7. POSTS MAY BE 2" x 2" MIN. WOODOR 2 kg/m MIN. STEEL SPACING SHALL BE AS RECOMMENDED BY THE MANUFACTURER. THE POSTS SHALL BE IMPERFORATED SURFACES SUCH AS ROAD PAVEMENT OR PARKING AREA. PROPER ANCHORAGE MUST BE PROVIDED TO PREVENT SHIFTING OF THE SOCK OR

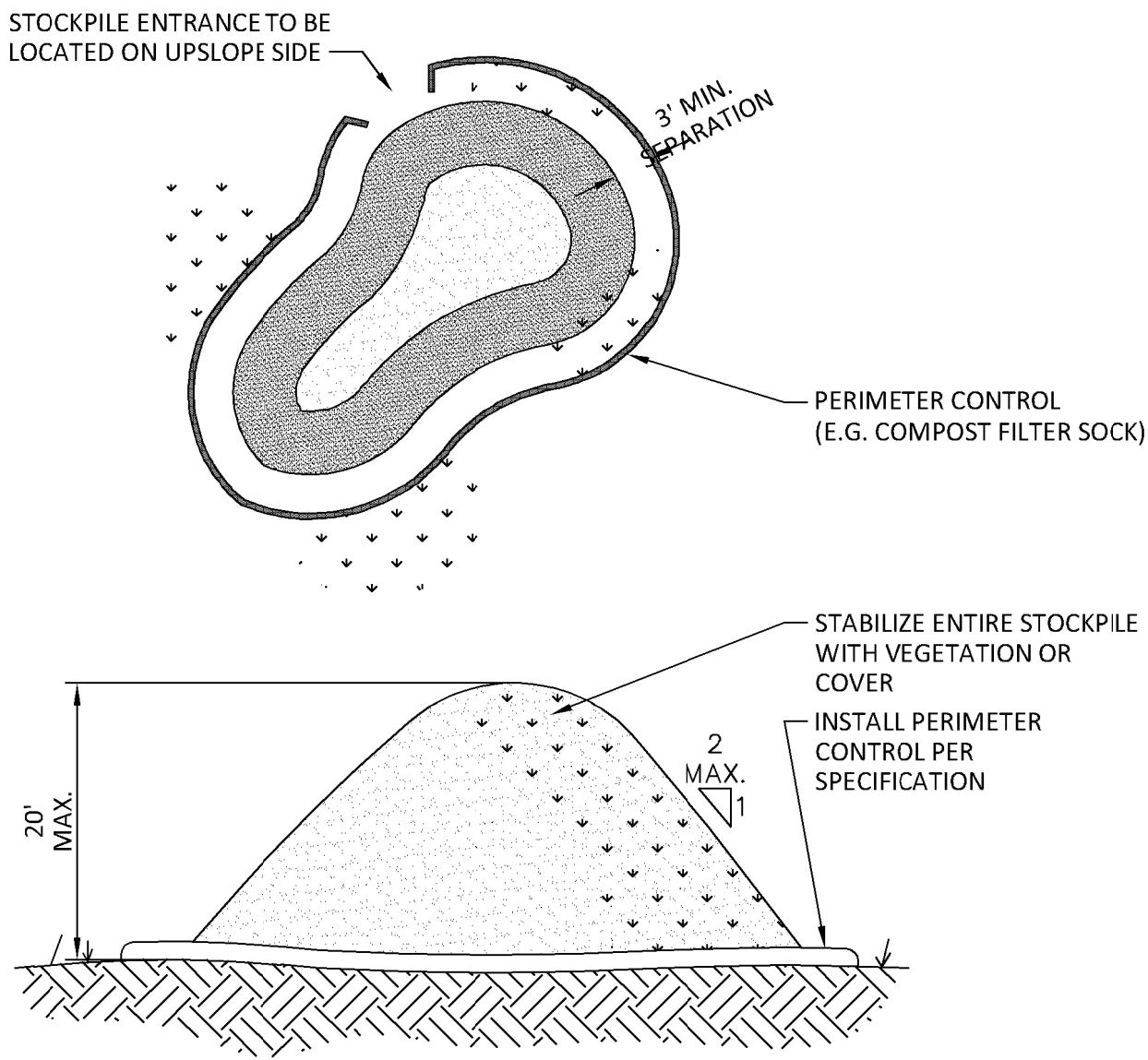
SEPARATION OF THE CONTACT BETWEEN THE SOCK AND THE PAVEMENT

8. FILTER SOCKS SHALL BE BETWEEN 12" AND 32". THE MAXIMUM SLOPE LENGTH ABOVE A FILTER SOCK SHALL NOT EXCEED THE FOLLOWING

	SLOPE (%)						
DIA.	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 COMPOST FILTER SOCK DETAIL & NOTES

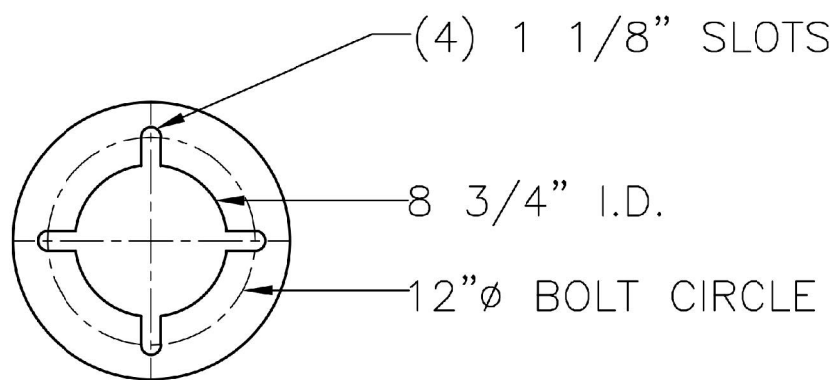
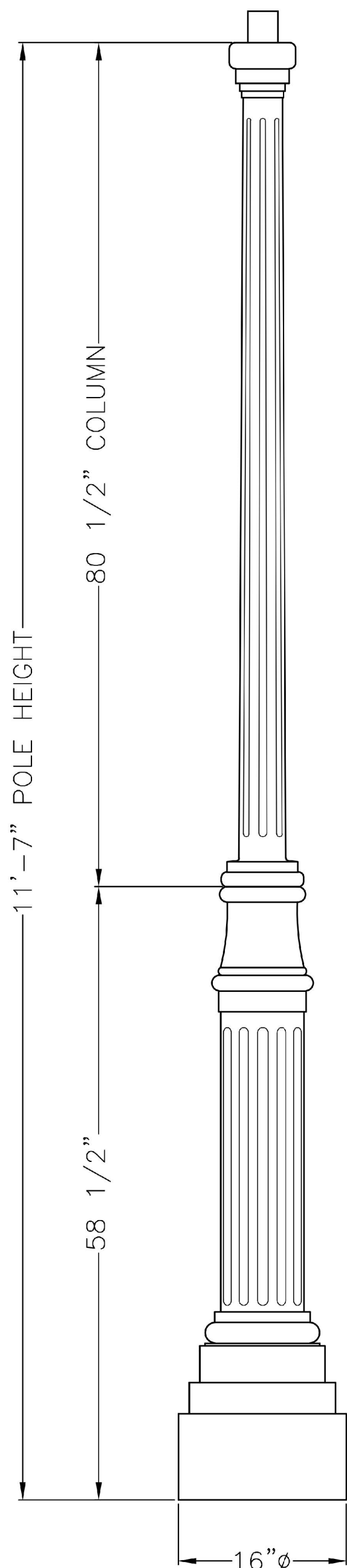


TEMPORARY SOIL STOCKPILE NOTES:

1. 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.
2. 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.
3. 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.
4. 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



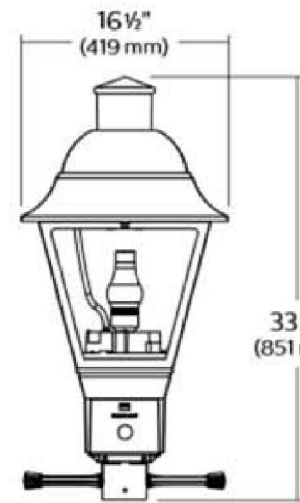
2 SIGHT LIGHTING DETAILS

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	System current (mA)	Average System Watts (W)	Type 2			Type 3			Type 3W			Type 4			Type 5		
				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

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TOWN OF VOLUNTOWN
GATE STREET RECREATION COMPLEX

GATE STREET
SIDEWALK DETAILS

VOLUNTOWN

CONNECTICUT

REVISIONS	

Date	APRIL, 2023
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