

STANDARD DETAIL DRAWINGS ENGINEERING SERVICES - VANCOUVER, B.C. DRAWING No.

CE0.1

Concrete Base

Sheet Number	Sheet Title	Description
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CE1.2	CONCRETE BASES	V1 & V2 POURED IN PLACE CONCRETE BASES
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			DRAWING INDEX	ISSUE DATE: SEPTEMBER 2018
:			CONCRETE BASE	APPROVED BY: D. EPA
REV	REVISION DATE AP	PROVED	CONCRETE DASE	<u> </u>







- 9			CONCRETE BASES	ISSUE DATE: SEPTEMBER 2018
ĺ.			V3 V4 & V5 POURED IN PLACE CONCRETE BASES	APPROVED BY: D. EPA
EV.	REVISION DATE	AP REVED		









STANDARD DETAIL DRAWINGS ENGINEERING SERVICES - VANCOUVER, B.C.

DRAWING No.

			ENGINEERING SERVICES - VANCOUVER, B.C.				Cl	Ξ1.	7	
Type of Base	Depth (m)	Type of Pole	Attachments			Factored Load (kN, m)				D/C
Type of Base	or Base Depur (m)			Fx	Fy	Fz	М×	My	Mz	
14	4.2	3m Traffic Signal Pole	2-Ped Heads 1-Secondary Head, 8x8x8x12" 2-Secondary Street Signs (8x48")	0.5	2.4	1.2	5.8	1.3	0.4	0.64
V1	1.3	Type 4A Signal Post	2-Ped Signals 1-Signal Head, 8x8x8" 2-Street Signs (8"x48") 1-Construction Sign (32"x 48")	0.65	3.51	1.95	9.4	2.1	0.26	0.94
		Type 5 Shaft	1-Primary Head, 3x12" 1-Primary Street Sign (14"x85")	0.65	3.38	1.17	14.43	3.12	1.3	0.55
		7.6m Single Davit Pole SL	2-32"x60" Banners 2-Secondary Street Signs (8"x48") 2-Flower Baskets 1-Street Light 1-Pedestrian Light	1.3	6.37	2.53	28.34	7.28	2.21	1.00
		7.6m Single Davit Pole TS	2-Ped Heads 1-Signal Head, 8x8x8" 1-Signal Head, 8x8x8x12" 2-Street Signs (8"x26") 1-Street Light 1-Construction Sign (32"x 48") 1-Pedestrian Light	1.04	5.1	2.75	21.6	5.4	1.82	0.78
V2	1.8	7.5m Post Top Luminaire	2-32"x60" Banners 2-Flower Baskets 1-Street Light 2-Street Signs (8"x48")	1.17	5.72	2.1	24.2	5.2	1.04	0.87
		9.1m Single Davit Pole SL	2-32"x60" Banners 2-Flower Baskets 1-Street Light 1-Pedestrian Light and 1m Arm	1.3	6.24	3.12	30.29	7.67	2.47	1.03
		9.1m Single Davit Pole TS	2-Pedestrian Signals 1-Signal Head, 8x8x8" 1-Signal Head, 8x8x8x12" 2-Street Signs (8"x48") 1-Street Light 1-Pedestrian Light and 1m Arm 1-Construction Sign (32"x 48")	1.17	5.85	3.8	25.4	6.8	1.95	0.90
V3	2.0	Type 1 Shaft	Type 2A Luminaire Arm 5.5m Type 3E Signal Arm 1-Primary Head, 3-12" 1-Primary Head, 3-12" 1-Primary Street Sign (14"x72") 2-Ped Signal (18"x18") 2-Secondary Street Signs 1-Secondary Head, 8x8x8" 1-Street Light	1.8	9	4.6	48	19	27	0.58
		Type 3 Shaft	Type 3E, 5.5m Signal Arm 1-Primary Signal Head, 3x12" 1-Primary Street Sign (14"x72") 1-Primary Street Sign (14"x72") 1-Primary Traffic Sign (24"x36") 2-Ped Signal (18"x18") 2-Secondary Street Signs (8"x48") 1-Secondary Signal Head, 8x8x8"	1.5	7.6	3.7	42	17	28	0.52
٧4	2.2	Туре S	Type 2A Luminaire Arm Type 0.25L Luminaire Arm 10.5m Type S Arm 1-Street Name Sign (7"x48") 2-Secondary Head, 8x8x8x12" 1-Sign (24"x36") 1-4x300 Signal Head 1-Sign (24"x36") 1-Camera 2-Ped Signal (18"x18") 1-Primary Sign (14"x72")	3	15	9.2	85	38	58	0.75
ν5	2.2	Туре L	Type 2A Luminaire Arm Type 0.25L Luminaire Arm Extension 11m Type L Arm with 3m Type 3LE Arm Extension 1-4x300 Signal Head 1-3x300 Signal Head 1-Camera 2-Ped Signal (18"x18") 1-Street Name Sign 2-Secondary Head 1-Sign (24"x36") 1-Srimary Street Name Sign (14"x72")	3.2	16	12	91	61	78	0.84
V6	2.7	Туре М	Type 2A Luminaire Arm Type 0.25M Luminaire Arm Extension 9m Type 1.4 Arm with 6m Type 6M Arm Extension 3-3x300 Signal Head 1-Street Sign (14"x72") 1-Camera 1-Traffic Sign 2-Ped Signal 2-Street Name Sign 1-Secondary Head, 8x8x8x12" 1-Secondary Head, 8x8x8"	4.1	20.3	16.7	108	77.2	116	0.59
			CONCRETE BASES			ISSUE	DATE:	SEPTE	MBER	2018
			UM POLE BASE LOADING			APPROVED BY: D. EPA				
REV. REVISION DATE APPROVED					I					