

## Section 1 - General

Reference No.	BIM Object Sheet No.	Object Name	Description of Object	Ref. Standard Drawing No.
1	CEDD-OS-0001	STE-STU-CSH-Signboard-01	Major Project Signboard	C 1002/1I , C 1002/2B
2	CEDD-OS-0002	STE-STU-CSH-Signboard-02	Minor Project Signboard	C 1003/1I, C 1003/2B
3	CEDD-OS-0003	STE-STU-CSH-PublicityBoard-01	Small Publicity Board for Pedestrians	C 1014/1A, C 1014/2A C 1014/3B
4	CEDD-OS-0004	STE-STU-CSH-PublicityBoard-02	Publicity Board for Motorists	C 1015/1A, C 1015/2A, C 1015/3A
5	CEDD-OS-0005	STE-STU-CSH-DisplayBoard-01	Small Display Board for Apparently Unattended Road Works	C 1018/1A, C 1018/2A
6	CEDD-OS-0006	STE-STU-CSH-DisplayBoard-02	Display Board for Motorists For Apparently Unattended Road Works	C 1019A
7	CEDD-OS-0007	EHO-SIT-CSH-Hoarding-01	Hoarding Type I	C 1004/1R, C 1004/2I, C 1004/3I
8	CEDD-OS-0008	EHO-SIT-CSH-Hoarding-02	Hoarding Type II	C 1005/1I, C 1005/2H, C 1005/3G, C 1005/4G, C 1005/5O
9	CEDD-OS-0009	ABA-FCL-CSH-ChainFence-__	Chain Link Fence	C 1006C
10	CEDD-OS-0010	AGT-CLF-CSH-Gate-01	Gate Type I	C 1007C
11	CEDD-OS-0011	AGT-CLF-CSH-Gate-02	Gate Type II	C 1008C
12	CEDD-OS-0012	STE-STA-CSH-TempBarrier-__	Temporary Barrier	C 1013A
70	CEDD-OS-0070	EHO-SIT-CSH-Hoarding-03	Hoarding Type III	C 1022/1A, C 1022/2A
71	CEDD-OS-0071	STE-STU-CSH-Support-01	Publicity Board Support	C 1016

## Section 2 - Geotechnical

Reference No.	BIM Object Sheet No.	Object Name	Description of Object	Ref. Standard Drawing No.
13	CEDD-OS-0013	LTW-SHS-CGE-CONC_Wall-__	Concrete Planter Wall	C 2001J
14	CEDD-OS-0014	LTW-SHS-CGE-GraniteWall-__	Granite Stone Planter Wall	C 2007G
15	CEDD-OS-0015	STE-OTR-CGE-Piezometer-__	Standpipe Piezometer	C 2005C
16	CEDD-OS-0016	GSM-CMS-CGE-CONC_Stair-__	Concrete Maintenance Stairway & Handrailing	C 2101E, C 2103/1A, C2103/2A
17	CEDD-OS-0017	GSM-SST-CGE-SteelStair-__	Steel Staircase for Slope Steeper Than 40°	C 2102/1A, C 2102/2B
18	CEDD-OS-0018	GSM-TRR-CGE-TreeRing-__	Tree Ring	C 2104/1B , C 2104/2B
19	CEDD-OS-0019	GSM-SON-CGE-SoilNail-01	Soil Nail with Typical Nail Head	C 2106/1M, C 2106/2L
20	CEDD-OS-0020	GSM-SON-CGE-SoilNail-02	Soil Nail with Nail Head for Sprayed Concrete Slope Surface	C 2106/1M, C 2106/3M
21	CEDD-OS-0021	GSM-SON-CGE-SoilNail-03	Soil Nail with Recessed Nail Head for Hydro-seeding Surface (Non-	C 2106/1M, C 2106/4G, C 2106/5D
22	CEDD-OS-0022	GSM-SON-CGE-SoilNail-04	Soil Nail with Nail Head on Rock or Concrete Wall Surface	C 2106/1M, C 2106/6B
23	CEDD-OS-0023	GSM-SON-CGE-SoilNail-05	Soil Nail with Recessed Nail Head for Hydroseeding Surface (Biodegradable	C 2106/1M, C 2106/7C, C 2106/8A
24	CEDD-OS-0024	GSM-GAR-CGE-RockBolt-__	Rock Bolt	C 2201E
25	CEDD-OS-0025	GSM-GAR-CGE-RockDowel-__	Rock Dowel	C 2202E
26	CEDD-OS-0026	GSM-GAR-CGE-WallDowel-__	Skin Wall Dowel	C 2520B, C 2521B
27	CEDD-OS-0027	STE-OTR-CGE-FilterBlanket-__	Filter Blanket	C 2302G
28	CEDD-OS-0028	STE-OTR-CGE-SlopeCrestFill-__	Filling Details at Slope Crest	C 2302G
29	CEDD-OS-0029	SWD-____-CGE-CutoffDrain-__	Cut-off Drain	C 2401H
30	CEDD-OS-0030	SMH-____-CGE-Manhole-__	Manhole for Cut-off Drain	C 2402E
31	CEDD-OS-0031	GSM-RKD-CGE-RakingDrain-__	Raking Drains	C 2403F
32	CEDD-OS-0032	SCH-____-CGE-CatchPit-01	Standard Catchpit	C 2405/1A, C 2405/2A, C 2405/3A, C 2405/4A, C 2405/5A
33	CEDD-OS-0033	SCH-____-CGE-CatchPit-02	Catchpit with Trap	C 2406/1A, C 2406/2B

34	CEDD-OS-0034	STE-STU-CGE-CatchPitCover-__	Precast Concrete Covers for Catchpit and Sand Trap	C 2407C
35	CEDD-OS-0035	SCH-___-CGE-CatchPit-03	Track Rack and Downspout Assembly	C 2408E
36	CEDD-OS-0036	SUP-___-CGE-UChannelA-01	U-channels Type A	C 2409K
37	CEDD-OS-0037	SUP-___-CGE-Connection-__	Connection Details of U Channel Type A and Slope	C 2409K
38	CEDD-OS-0038	SUP-___-CGE-UChannelB-01	U-channels Type B (Not Constructed on Berm)	C 2410J
39	CEDD-OS-0039	SUP-___-CGE-UChannelB-02	U-channels Type B (Constructed on Berm)	C 2410J
40	CEDD-OS-0040	SUP-___-CGE-UChannelUpStand-__	U-channels with Upstand	C 2509B
41	CEDD-OS-0041	SSP-___-CGE-SteppedChannel-__	Stepped Channel	C 2411H
42	CEDD-OS-0042	SUP-SUC-CGE-CONC_Cover-__	Cover Slab for Channels	C 2412F
43	CEDD-OS-0043	SUP-SUG-CGE-CI_Cover-__	Cast Iron Grating for Channels	C 2412F
44	CEDD-OS-0044	SUP-___-CGE-UChannelAndBox-__	U-channel and Planter Box	C 2415E
45	CEDD-OS-0045	SPQ-OTR-CGE-PrismAdaptor-__	Prism Adaptor	C 2513B
46	CEDD-OS-0046	STE-STU-CGE-DisplaySign-__	Display Sign for Slope Registration Number and Wall Registration Number	C 2505/1E, C 2505/2D, C 2506F
47	CEDD-OS-0047	STE-STU-CGE-SettleMarker-__	Ground Settlement Marker	C 2512B
48	CEDD-OS-0048	GSM-WRM-CGE-WireMeshToRock-__	Fixing of Wire Mesh to Rock Face	C 2205/1A, C 2205/2A
49	CEDD-OS-0049	GSM-CLF-CGE-TempFenceA-__	Temporary Safety Fence Type A	C 2501/1F, C 2501/2D
50	CEDD-OS-0050	GSM-CLF-CGE-TempFenceB-__	Temporary Safety Fence Type B	C 2502/1F, C 2502/2G
51	CEDD-OS-0051	GSM-SGA-CGE-Gate-01	Lockable Gate for Maintenance Stairway on Slopes up to 40°	C 2508F
52	CEDD-OS-0052	GSM-SGA-CGE-Gate-02	Lockable Gate for Maintenance Stairway on Slopes Steeper than 40°	C 2510F
53	CEDD-OS-0053	GSM-SAL-CGE-STL_Ladder-__	Temporary Steel Ladder for Slope Access	C 2504E

**Section 3 - Port Works**

Reference No.	BIM Object Sheet No.	Object Name	Description of Object	Ref. Standard Drawing No.
54	CEDD-OS-0054	MSO-SBK-CCE-M1ToM5-__	Gravity Seawall Concrete Blocks Type M1 to M5	C3002E, C3008C, C3010/1E, C3010/2D, C3010/3D
55	CEDD-OS-0055	MSO-SBK-CCE-M6ToM8-__	Gravity Seawall Concrete Blocks Type M6 to M8	C3002E, C3008C, C3010/3D, C3010/4D
56	CEDD-OS-0056	MSO-SBK-CCE-M9-__	Gravity Seawall Concrete Blocks Type M9	C3002E, C3008C, C3010/5D
57	CEDD-OS-0057	MSO-SBK-CCE-M1Z-__	Gravity Seawall Concrete Blocks Type M1Z	C3002E, C3008C, C3010/5D
58	CEDD-OS-0058	FEN-CME-CCE-MooringEye-__	Gravity Seawall Mooring Eye	C3014B
59	CEDD-OS-0059	FEN-CBO-CCE-10TBollard-__	10 Tonne Bollard	C3015B
60	CEDD-OS-0060	FRA-___-CCE-Fixing-__	Fixing Handrail on Seawall	C3009/3D, C3009/5A
61	CEDD-OS-0061	SIT-CTG-CCE-RC_TideGauge-__	Reinforced Concrete Tide Gauge	C3001/1D, C3001/2B, C3001/3B
62	CEDD-OS-0062	FEN-FVF-CCE-D_Fender-__	Rubber Fender Type D	C3009/2E
63	CEDD-OS-0063	FEN-FVF-CCE-ArchFender-__	Rubber Fender Type Arch	C3009/2E
64	CEDD-OS-0064	FEN-FVF-CCE-TurtleFender-__	Rubber Fender Type Turtle	C3009/2E
65	CEDD-OS-0065	FEN-FSB-CCE-R_StepUnits-__	Rubber Step Units for Landing	C3009/4C
66	CEDD-OS-0066	ALA-CAT-CCE-CatType1-__	Cat Ladder Type I	C3011C
67	CEDD-OS-0067	ALA-CAT-CCE-CatType23-__	Cat Ladder Type II and III	C3012E, C3013E
68	CEDD-OS-0068	MSO-SWA-CCE-Seawall-__	Wave Absorbing Seawall	C3017/1, C3017/2, C3017/3, C3017/4
69	CEDD-OS-0069	SIT-CNL-CCE-Navigation-__	Solar Energy Type Navigation Light Post	C3018/1C, C3018/2A, C3018/3A, C3018/4A, C3018/5A
72	CEDD-OS-0072	SIT-CSG-CCE-Num_Info_Plate-__	Structural Number Plate and Information Plate	C3019/1, C3019/2, C3019/3, C3019/4