

LEGO Architecture Meets BIM

LEGO Pieces Takeoff

24/10/2016



The Lansdowne Building • 2 Lansdowne Road • Croydon • CR0 2BX
T: +44 (0)20 8662 2200 • W: henryriley.com

BOND BRYAN DIGITAL

LEGO ARCHITECTURE MEETS BIM

LEGO PIECES TAKEOFF



1.0 INFORMATION USED:

Drawings:

Drawing No.	Issued By	Name	Rev
	Rob Jackson	LAB-BBD-00-ZZ-M3-A-0005_IFC2x3 FM	A

Other Inform [Henry Riley Historic Cost Data/LEGO Published Cost Data Pick a Brick]

BOND BRYAN DIGITAL

LEGO ARCHITECTURE MEETS BIM

LEGO PIECES TAKEOFF



Project Information

Client:	Bond Bryan Digital
Project:	LEGO Architecture Meets BIM
HR Project Reference:	L001
Client Project Reference:	L014
Document:	LEGO Pieces Takeoff
Project Description:	Bond Bryan series of blogs. Quantity Surveying entry.
Building Use Class:	Fun for kids (and adults)
GIFA (m ²):	337.92 (at LEGO building Human scale)
BCIS Location Factor:	1
BCIS Tender Price Index:	1

BOND BRYAN DIGITAL

LEGO ARCHITECTURE MEETS BIM

LEGO PIECES TAKEOFF



Group Elemental Breakdown

TOTALS

Cost/m²

1 LEGO Pieces Takeoff

66.63

0.20

TOTAL COST

£66.63

£0.20



1	Item	Q	U	R	Subtotal	Total
	Brick 1X1 W 1 Knob_Black	2	no	0.11	0.22	
	Brick 1X1 W 1 Knob_White	2	no	0.11	0.22	
	Brick 1X1 W Holder Horizontal_Medium Stone Grey	2	no	0.13	0.26	
	Brick 1X1_Earth Green	9	no	0.05	0.45	
	Brick 1X1_Medium Stone Grey	6	no	0.05	0.30	
	Brick 1X1_White	26	no	0.05	1.30	
	Brick 1X2 M 2 Holes_White	2	no	0.07	0.14	
	Brick 1X2 Without Pin_Transparent	20	no	0.18	3.60	
	Brick 1X2_Earth Green	9	no	0.07	0.63	
	Brick 1X2_Medium Stone Grey	8	no	0.07	0.56	
	Brick 1X2_White	11	no	0.07	0.77	
	Brick 1X3_White	11	no	0.11	1.21	
	Brick 1X4 W 4 Knobs_Black	1	no	0.13	0.13	
	Brick 1X4_Earth Green	11	no	0.11	1.21	
	Brick 1X4_White	4	no	0.11	0.44	
	Brick 1X4X1 1-3_White	2	no	0.07	0.14	
	Brick 1X6_Black	1	no	0.18	0.18	
	Brick 1X6_White	8	no	0.18	1.44	
	Brick 1X16_White	6	no	0.36	2.16	
	Brick 2X3_Medium Stone Grey	7	no	0.13	0.91	
	Brick 2X3_White	3	no	0.13	0.39	
	Brick 2X8_Black	1	no	0.25	0.25	
	Brick 2X8_White	2	no	0.25	0.50	
	Brick Corner 1X2X2_White	2	no	0.16	0.32	
	Brick W Arch 1X1X1 1-3_White	9	no	0.07	0.63	
	Brick W Bow 1X4_White	3	no	0.11	0.33	
	Connector Peg W Knob_Medium Stone Grey	4	no	0.07	0.28	
	Corner Plate 1X2X2_White	2	no	0.05	0.10	
	Flat Tile 1X1_Medium Stone Grey	79	no	0.05	3.95	
	Flat Tile 1X1_White	8	no	0.05	0.40	
	Flat Tile 1X2_Black	2	no	0.05	0.10	
	Flat Tile 1X2_Medium Stone Grey	1	no	0.05	0.05	
	Flat Tile 1X2_Transparent	1	no	0.05	0.05	
	Flat Tile 1X2_White	9	no	0.05	0.45	
	Flat Tile 1X3_Medium Stone Grey	1	no	0.11	0.11	
	Flat Tile 1X6_Black	12	no	0.11	1.32	
	Flat Tile 1X6_White	1	no	0.11	0.11	
	Flat Tile 1X8 No19_Black	1	no	0.11	0.11	
	Flat Tile 1X8_Black	1	no	0.11	0.11	
	Flat Tile 1X8_White	9	no	0.11	0.99	
	Flat Tile 2X2_Medium Stone Grey	4	no	0.05	0.20	
	Flat Tile 2X2_White	3	no	0.05	0.15	
	Flat Tile 2X4_White	1	no	0.16	0.16	
	Light Sword - Blade_White	16	no	0.11	1.76	
	Plate 1X1 W Holder_Medium Stone Grey	13	no	0.05	0.65	
	Plate 1X1_Black	3	no	0.05	0.15	
	Plate 1X1_Medium Stone Grey	14	no	0.05	0.70	
	Plate 1X1_Transparent	6	no	0.05	0.30	
	Plate 1X1_White	24	no	0.05	1.20	
	Plate 1X2 W 1 Knob_Medium Stone Grey	1	no	0.05	0.05	
	Plate 1X2_Black	4	no	0.05	0.20	
	Plate 1X2_Bright Blue	13	no	0.05	0.65	
	Plate 1X2_Bright Red	13	no	0.05	0.65	
	Plate 1X2_Earth Green	7	no	0.05	0.35	
	Plate 1X2_Transparent	61	no	0.07	4.27	
	Plate 1X2_White	9	no	0.05	0.45	
	Plate 1X3_Earth Green	1	no	0.05	0.05	
	Plate 1X3_Medium Stone Grey	9	no	0.05	0.45	
	Plate 1X3_White	12	no	0.05	0.60	
	Plate 1X4_White	6	no	0.07	0.42	
	Plate 1X6_Earth Green	19	no	0.11	2.09	
	Plate 1X6_White	5	no	0.11	0.55	
	Plate 1X8_White	2	no	0.13	0.26	
	Plate 1X10_Black	2	no	0.13	0.26	
	Plate 1X12_White	4	no	0.13	0.52	
	Plate 2X2_Black	1	no	0.07	0.07	



1	Item	Q	U	R	Subtotal	Total
	Plate 2X2_Medium Stone Grey	14	no	0.07	0.98	
	Plate 2X2_White	3	no	0.07	0.21	
	Plate 2X3_Medium Stone Grey	10	no	0.11	1.10	
	Plate 2X3_White	6	no	0.11	0.66	
	Plate 2X4_Black	2	no	0.11	0.22	
	Plate 2X4_Earth Green	10	no	0.11	1.10	
	Plate 2X4_White	4	no	0.11	0.44	
	Plate 2X6_Black	2	no	0.13	0.26	
	Plate 2X6_White	1	no	0.13	0.13	
	Plate 2X8_White	2	no	0.18	0.36	
	Plate 2X10_White	1	no	0.18	0.18	
	Plate 2X12_Medium Stone Grey	3	no	0.20	0.60	
	Plate 2X16_Black	4	no	0.36	1.44	
	Plate 4X6_White	3	no	0.31	0.93	
	Plate 4X12_Black	2	no	0.41	0.82	
	Plate 4X12_White	1	no	0.41	0.41	
	Plate 6X12_Black	6	no	1.02	6.12	
	Plate 6X14_Dark Stone Grey	2	no	1.22	2.44	
	Plate 8X16_White	2	no	1.10	2.20	
	Radiator Grille 1X2_Dark Stone Grey	6	no	0.05	0.30	
	Roof Tile 1X1X2-3 Abs_Earth Green	6	no	0.05	0.30	
	Roof Tile 1X4X1_White	3	no	0.13	0.39	
	Roof Tile 2X2 45degree Inv_White	1	no	0.11	0.11	
	Round Brick 1X1_White	1	no	0.05	0.05	
	Wall Corner 1X1X1_White	2	no	0.05	0.10	
	Wall Element 1X2X1_White	5	no	0.05	0.25	
	Wall Element 1X2X2 Pc_Transparent	5	no	0.11	0.55	
TOTAL FOR LEGO BUILDING					£66.63	