

TO  
SANDERSON CONCRETE  
12665 116TH AVENUE  
SURREY, BC

PROJECT NO. 20998

CLIENT CITY OF VANCOUVER REAL ESTATE AND

C.C. SANDERSON

SANDERSON CONCRETE

JACOB BROS. ASSET CO. LTD. (FORMERLY C.Y. LOH ASSOCIATES LTD.)

JACOB BROS. ASSET CO. LTD. (FORMERLY NICK MILKOVICH ARCHITECTS INC.)

HAPA COLLABORATIVE

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SANDERSON CONCRETE (1)

ATTN: JAN ARNTORP (604-580-4108)

PROJECT VANCOUVER ART GALLERY - PAVERS MATERIALS TESTING

WEST GEORGIA ST., 800 VANCOUVER

SET NO.29 SPECIMENS 4 CAST 2016.Dec.13 TRANSPORTED

BY RECEIVED 2016.Dec.14

BY

SPCM NO.	SPECIMEN TYPE	CURE COND	SPCM MASS (g)	DATE TESTED	AGE AT TEST (DAYS)	TEST BY	AVERAGE DIAMETER (mm) OR SIDE (mm x mm)	AVERAGE LENGTH OR SPAN (mm)	MAXIMUM LOAD (kN)	COMPRESSIVE OR FLEXURAL STRENGTH (MPa) Average	FAILURE TYPE
A	Cylinder	Lab		Dec.20	7	VAL	101.6	203.2	397	49.0	
B	Cylinder	Lab		Jan.10	28	VAL	101.6	203.2	438	54.0	
C	Cylinder	Lab		Feb.07	56	VAL	101.6	203.2	499	61.5	
D	Cylinder	Lab		Feb.07	56	VAL	101.6	203.2	510	62.9 62.2	

SPECIFIED STRENGTH 40 MPa @ 56 DAYS

CEMENT CONTENT NA kg/m<sup>3</sup>

CEMENT TYPE GU

POZZOLAN CONTENT NA kg/m<sup>3</sup>

POZZOLAN TYPE

MAXIMUM SIZE AGGREGATE 12 mm

BATCH TIME 15:27

ADMIXTURES (ml/m<sup>3</sup>)

SUPPLIER SANDERSON

MIX NO. RS2006

TRUCK NO. NA TICKET NO. NA

LOAD VOL. .38 m<sup>3</sup> CUM. VOL. .38 m<sup>3</sup>

WATER ADDED NA | AUTH. BY

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CONCRETE TEMP. 9.5 °C AIR TEMP. 2.0 °C

SLUMP 85 mm SPEC. 80 ± 30

SLUMP FLOW NA mm SPEC. ±

FLOW TIME NA sec SPEC.

AIR 5.1 % SPEC. 5.0 ± 1.0

PLASTIC DENSITY NA kg/m<sup>3</sup>

HARDENED DENSITY NA kg/m<sup>3</sup>

SAMPLE TIME

CAST TIME 15:42

CAST BY MTS KEG MOULD TYPE PLASTIC

CURING CONDITIONS MIM IN HEATED ROOM

INITIAL CURING TEMP:MAXIMUM 20.0 °C MINIMUM 15.0 °C

LOCATION

PAVERS, EXTERIOR, GRND, VANCOUVER PUBL  
ART GALLERY, 1ST BATCH

COMMENTS

Metro Testing Laboratories (Burnaby)

PER. ELC



Joy You

TREND GRAPH

