

TO
SANDERSON CONCRETE
12665 116TH AVENUE
SURREY, BC

ATTN: JAN ARNTORP (604-580-4108)

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
HAPA COLLABORATIVE
SANDERSON CONCRETE (1)

PROJECT VANCOUVER ART GALLERY - PAVERS
MATERIALS TESTING

WEST GEORGIA ST., 800
VANCOUVER

SET NO.24 SPECIMENS 4 CAST 2016.Nov.29 TRANSPORTED

BY RECEIVED 2016.Nov.30 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.06	7	VAL	101.6	203.2	370	45.6	
B	Cylinder	Lab		Dec.27	28	VAL	101.6	203.2	380	46.9	
C	Cylinder	Lab		Jan.24	56	VAL	101.6	203.2	476	58.7	
D	Cylinder	Lab		Jan.24	56	VAL	101.6	203.2	463	57.1 57.9	

SPECIFIED STRENGTH 40 MPa @ 56 DAYS
CEMENT CONTENT NA kg/m³
CEMENT TYPE GU
POZZOLAN CONTENT NA kg/m³
POZZOLAN TYPE
MAXIMUM SIZE AGGREGATE 12 mm
BATCH TIME 14:51
ADMIXTURES (ml/m³)

SUPPLIER SANDERSON

MIX NO. RS2006

TRUCK NO. NA **TICKET NO.** NA

LOAD VOL. 1 m³ **CUM. VOL.** 1 m³

WATER ADDED NA | **AUTH. BY**

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CONCRETE TEMP. 14.0 °C **AIR TEMP.** 11.0 °C

SLUMP 75 mm **SPEC.** 80 ± 30
SLUMP FLOW NA mm **SPEC.** ±
FLOW TIME NA sec **SPEC.**
AIR 5.0 % **SPEC.** 5.0 ± 1.0
PLASTIC DENSITY NA kg/m³
HARDENED DENSITY NA kg/m³

SAMPLE TIME

CAST TIME 15:02

CAST BY MTS **KEG**

CURING CONDITIONS MIM

INITIAL CURING TEMP:MAXIMUM 17.0 °C **MINIMUM** 12.0 °C

LOCATION

PAVERS, EXTERIOR, GROUND LVL, VANCOUVER
PUBLIC ART GALLERY

COMMENTS

Metro Testing Laboratories (Burnaby) PER. AC

TREND GRAPH

