

## SD – 045 – Overhead Gate Updated Feb 2022

<b>PROJECT NAME: ATRIUM APARTMENTS – 19945 Brydon Crescent, Langley</b>	<b>DATE: Wednesday, February 9, 2022</b>
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<b>TO: F.ADAB ARCHITECTS, DAVE HANS</b>	<b>FROM: Chysik Project Management</b>
<b>ATTENTION: FRED ADAB, EDG CORP.</b>	<b>CONTACT: Kaj Briscoe</b>
<b>PHONE:</b>	<b>PHONE: 604.760.2623</b>
<b>Email:</b>	<b>Email: <a href="mailto:kaj@chysikprojectmanagement.com">kaj@chysikprojectmanagement.com</a></b>

**QUESTION OR CONCERN**


**SUBJECT:** Overhead Gate Shop Drawings

**REQUIRED DATE OF RESPONSE:** February 11<sup>th</sup>, 2022

**Submittals:**

Find the enclosed overhead gate shop drawings. Please review and provide comments below.

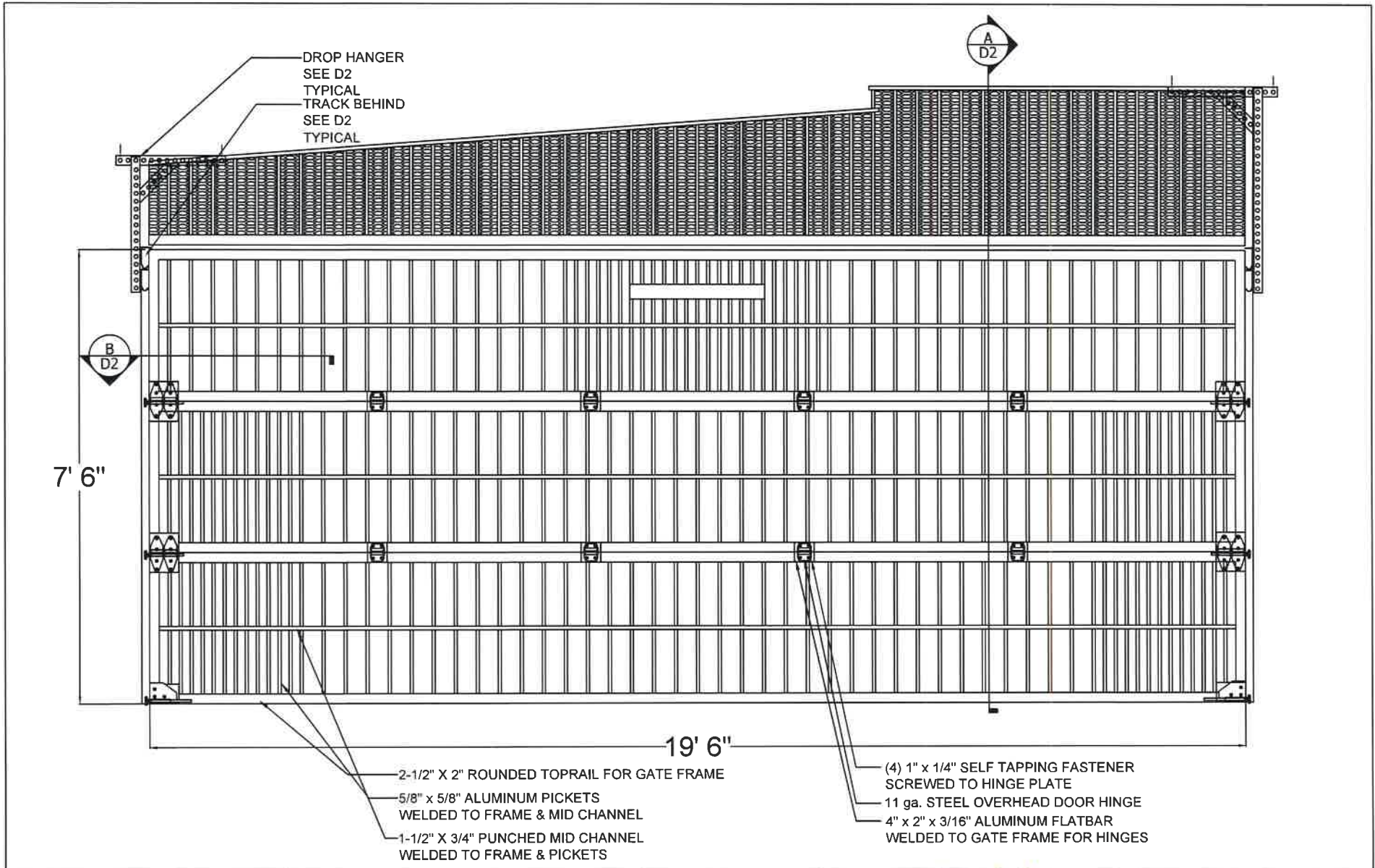
issue one copy to electrical contractor


<input checked="" type="radio"/> <b>REVIEWED</b> <input type="radio"/> <b>REVIEWED AS NOTED</b> <input type="radio"/> <b>REVISE &amp; RESUBMIT</b>	
<p>This review is for the sole purpose of ascertaining conformance with the general design concept. This review shall not mean approval of the detail design inherent in the shop drawings, responsibility for which shall remain with the Contractor submitting same, and such review shall not relieve the Contractor of his responsibility for errors or omissions in the shop drawings or of his responsibility for meeting all requirements of the Contract Documents. The Contractor is responsible for dimensions to be confirmed and correlated at the job site, for information that pertains solely to fabrication processed or to techniques of construction and installation and co-ordination of the work of all sub-trades.</p>	
EDG PROJECT No.: 13649	DATE: Feb. 09, 2022 BY: Matab Toor

**Comments**

GARAGE GATE SHOP DRAWINGS

<b>REVIEWED FOR GENERAL CONFORMANCE WITH STRUCTURAL CONTRACT DOCUMENTS</b>	
<input checked="" type="checkbox"/> <b>REVIEWED</b>	<input type="checkbox"/> <b>REVISE AND RESUBMIT</b>
<input type="checkbox"/> <b>REVISE AS NOTED</b>	<input type="checkbox"/> <b>NOT REVIEWED</b>
<p>This review is for general conformance with the contract documents and does not relieve the contractors/Suppliers of their responsibility for errors and/or omissions within these shop drawings. The submitting contractor remains responsible for materials, fabrication, dimensioning, installation, coordination with other trades as well as design or warranty of manufacturer engineered items.</p>	
<b>BOGDONOV LERER ENGINEERING INC.</b>	
DATE..... Feb 16 2022.....	JOB..... BY..... SL.....

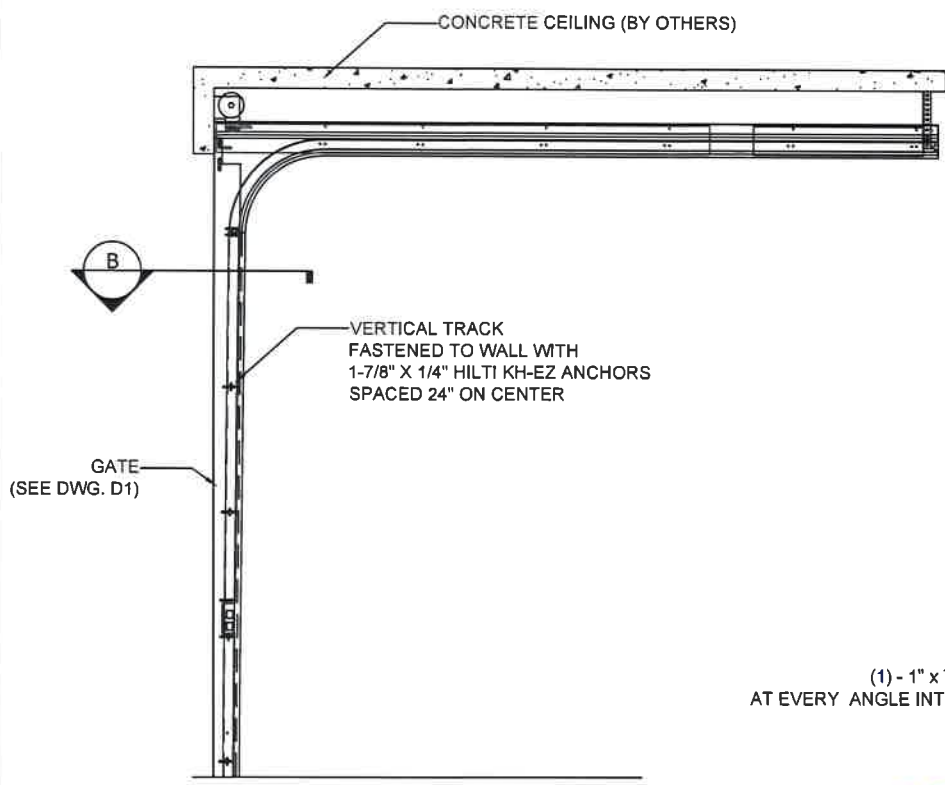


CUSTOMER: <b>ATRIUM</b>	PROJECT: <b>19945 BRYDON CRES. LANGLEY, BC</b>	DATE CREATED: NOV 24 2021  DRAWN BY: RIDGEWAY ALUMINUM
	LOCATION: <b>130- 2199 QUEEN ST. ABBOTSFORD, BC</b>	DRAWING No.  <b>D1</b>

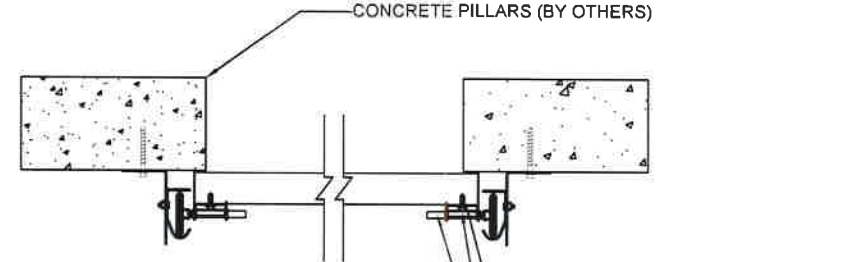
*RDJ PROJ. No. 22-013*  
*REVIEWED BY:*  
**RDJ STRUCTURAL DESIGNS**  
201-12697 96 AVENUE  
SURREY BC V4N 3P6  
TEL: 6045748299  
PERMIT TO PRACTICE #1003679

*2022-01-28*  
PROFESSIONAL  
OF  
R. D. JIRAVA  
# 28719  
C.O.A.S.T.  
B.C. ENGINEER

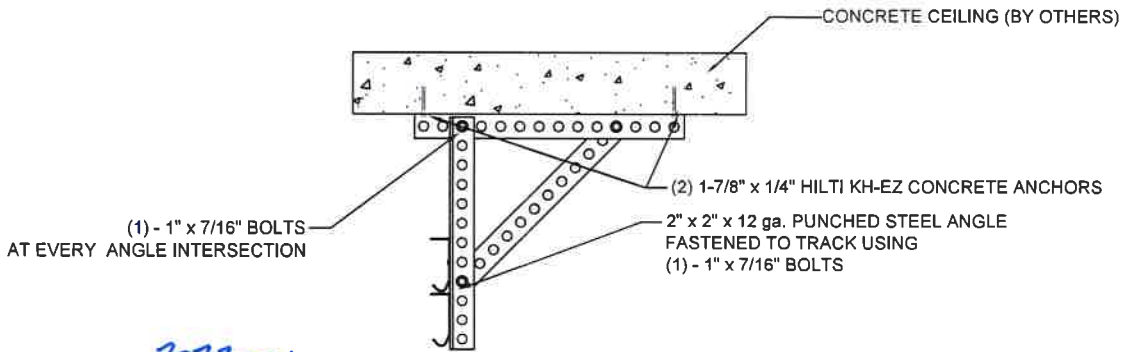
*SHEET 1 of 2*



**A SECTION**




**B SECTION**



**C SECTION**

2022-01-28  
 PROFESSIONAL  
 PROVINCE OF  
 R. D. JIRAVA  
 # 28716  
 BRITISH COLUMBIA  
 ENGINEER

DESIGN CONFORMS TO 2018 BC BUILDING CODE FOR SELF WT. AT REST OR DURING OPENING AND CLOSING; INTERNAL WIND LOAD = ±0.5kPa

CUSTOMER: <b>ATRIUM</b>	PROJECT: <b>19945 BRYDON CRES.          LANGLEY, BC</b>	DATE CREATED: NOV 24 2021	GATE AND CONNECTIONS DESIGNED FOR SELF-WT. OF 300 LBS PLUS 1.25 F.S. PLUS 1.3X SELF WT IMPACT LOADING (UNDER OPENING & CLOSING LOADS) NOTE: NOT DESIGNED AS A PERSON GUARD NOR AS A VEHICLE GUARD. SHEET 2/2
	LOCATION: <b>130- 2199 QUEEN ST.          ABBOTSFORD, BC</b>	DRAWN BY: RIDGEWAY ALUMINUM  DRAWING No. <b>D2</b>	

# HCTDCUL OVERHEAD OPERATOR

SECTION 32 31 00



## KEY FEATURES

<b>BATTERY BACKUP</b>	Up to 72 days of standby power or 112 cycles when the power is down
<b>REMOTE CONTROL ACCESS</b>	Security+ 2.0® 3-channel receiver will handle up to 50 remote controls (unlimited remotes with 811LM/813LM)
<b>INTERNET CONNECTIVITY</b>	myQ® technology monitors and controls the operator through the myQ app
<b>MONITORED SAFETY INPUTS</b>	6 inputs (main and expansion board)
<b>SOLAR-POWER CAPABILITIES</b>	Yes. Reference detailed solar chart on product page at LiftMaster.com
<b>DIAGNOSTIC DISPLAY</b>	LED diagnostic display
<b>POSILOCK®</b>	Automatically powers the operator and returns a gate or door to the closed position when gate is pushed off of closed limit
<b>FIRE DEPARTMENT COMPLIANT</b>	Allows gate to auto open upon loss of AC power or battery depletion
<b>LIMIT SETTING</b>	Electronic
<b>PROGRAMMABLE AUXILIARY RELAYS</b>	Easily add additional features, such as warning lights/alarms
<b>UNAUTHORIZED ACCESS PREVENTION</b>	Can be programmed with anti-tailgate or quick close capabilities
<b>HOMELINK® COMPATIBLE</b>	Version 4 and higher

## SPECIFICATIONS

<b>OPERATOR SPEED</b>	Selectable speed; fast open is 11 in. per second; normal speed is 8 in. per second
<b>POWER</b>	120V/230VAC single phase
<b>ACCESSORY POWER</b>	24VDC, 500mA output
<b>OPERATOR WEIGHT</b>	Powerhead 86 lbs.; with 8 ft. = 93 lbs.; 10 ft. = 111 lbs.; 12 ft. = 129 lbs.; 14 ft. = 150 lbs.; 16 ft. = 172 lbs.
<b>WARRANTY</b>	5 years
<b>TEMPERATURE SPECIFICATIONS</b>	-4°F (-20°C) to 140°F (60°C)
<b>UL USAGE CLASSIFICATION</b>	UL 325 & UL 991 listed – class I, II, III and IV

## CONSTRUCTION

<b>MOTOR</b>	24VDC motor with soft start / stop
<b>OPERATOR DUTY RATING</b>	Continuous duty
<b>CHASSIS/FRAME</b>	Constructed with 1/4 in. gold zinc-plated steel for rust prevention
<b>GEAR REDUCTION</b>	28:1 worm gear reducer in synthetic oil bath
<b>TROLLEY ASSEMBLY</b>	Heavy-duty 12-gauge steel track with 6 UHMW rollers
<b>RECOMMENDED CAPACITIES</b>	Rated for overhead doors or gates with up to 16 ft. rail or weighing up to 1000 lbs.

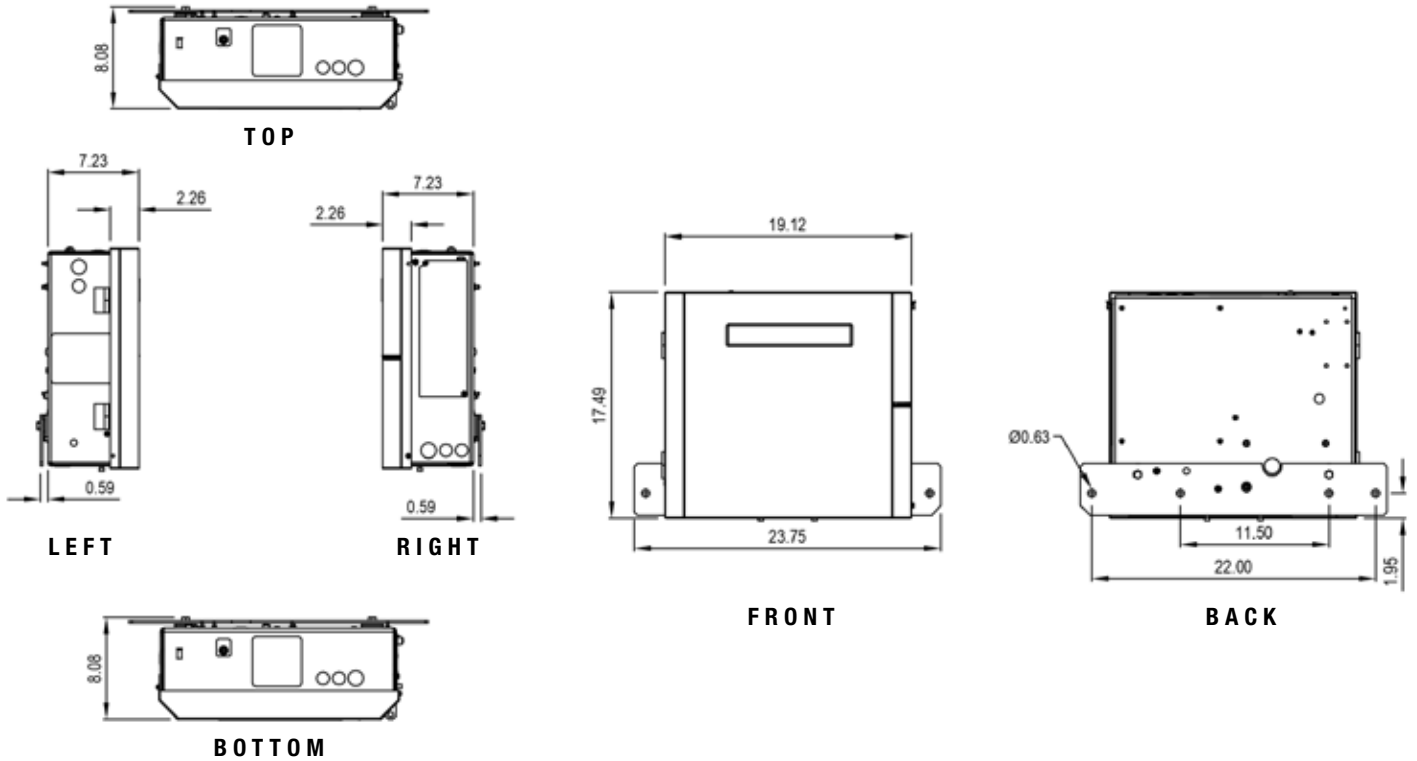
DATA SHEET  
OVERHEAD OPERATOR

**LiftMaster**

# HCTDCUL OVERHEAD OPERATOR

SECTION 32 31 00

## DIMENSIONS



## CAPACITY

### BATTERY BACKUP OPERATION

BATTERY	CYCLES	STANDBY TIME
(2) 7Ah	112	72 Days

### RECOMMENDED CAPACITY

