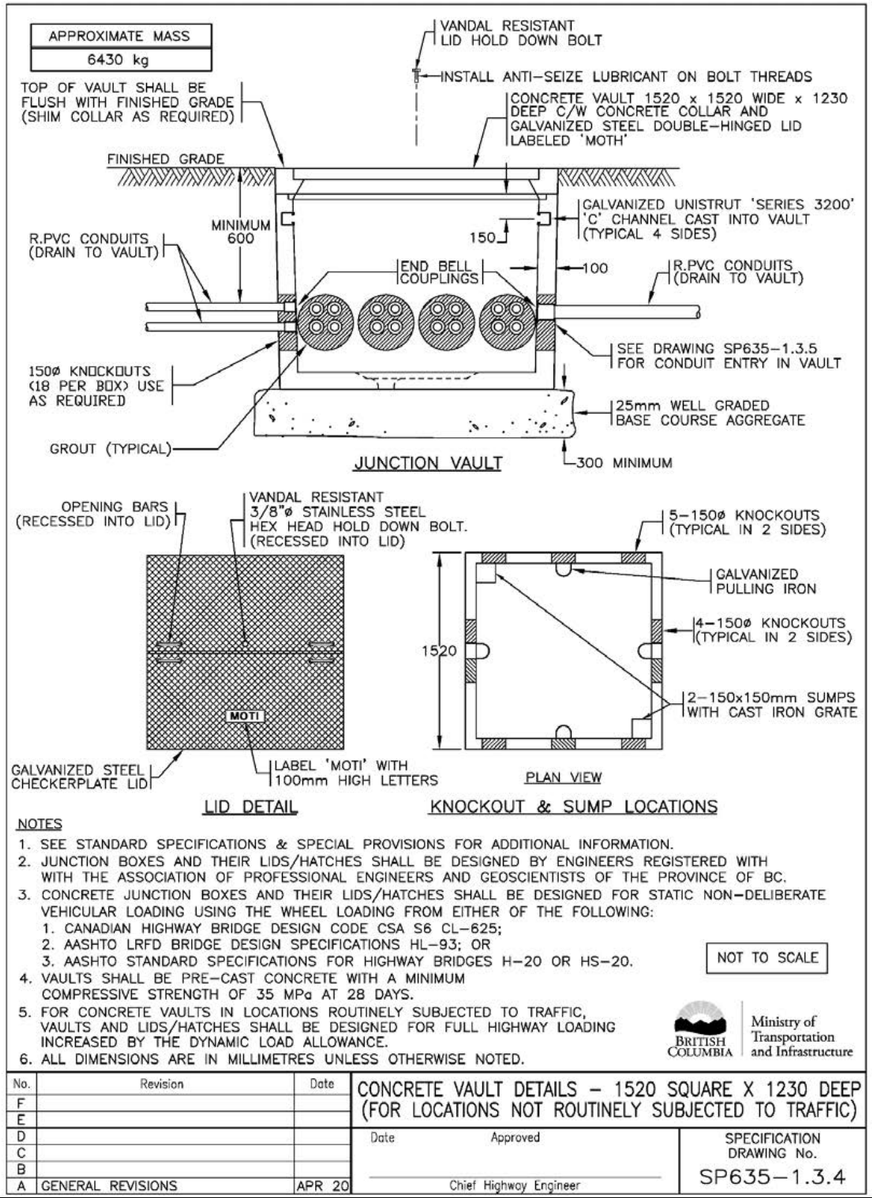


NOTES

1. SEE STANDARD SPECIFICATIONS & SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
2. JUNCTION BOXES AND THEIR LIDS/HATCHES SHALL BE DESIGNED BY ENGINEERS REGISTERED WITH WITH THE ASSOCIATION OF PROFESSIONAL ENGINEERS AND GEOSCIENTISTS OF THE PROVINCE OF BC.
3. CONCRETE JUNCTION BOXES AND THEIR LIDS/HATCHES SHALL BE DESIGNED FOR STATIC NON-DELIBERATE VEHICULAR LOADING USING THE WHEEL LOADING FROM EITHER OF THE FOLLOWING:
   1. CANADIAN HIGHWAY BRIDGE DESIGN CODE CSA S6 CL-625;
   2. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS HL-93; OR
   3. AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES H-20 OR HS-20.
4. VAULTS SHALL BE PRE-CAST CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 35 MPa AT 28 DAYS.
5. FOR CONCRETE VAULTS IN LOCATIONS ROUTINELY SUBJECTED TO TRAFFIC, VAULTS AND LIDS/HATCHES SHALL BE DESIGNED FOR FULL HIGHWAY LOADING INCREASED BY THE DYNAMIC LOAD ALLOWANCE.
6. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.

NOT TO SCALE

BRITISH COLUMBIA | Ministry of Transportation and Infrastructure

No.	Revision	Date
F		
E		
D		
C		
B		
A	GENERAL REVISIONS	APR 20

CONCRETE VAULT DETAILS - 1520 SQUARE X 1230 DEEP (FOR LOCATIONS NOT ROUTINELY SUBJECTED TO TRAFFIC)

Date Approved
Chief Highway Engineer

SPECIFICATION DRAWING No.
SP635-1.3.4

TRI KON Precast Concrete Products

Tri-Kon Precast Products Ltd.
601 Patterson Street West
Cranbrook BC V1C 6T3
250-426-8162
info@trikonprecast.com
trikonprecast.com

PRODUCT
Electrical
DRAWING
Concrete Vault, 1520 Square x 1230 Deep

WEIGHT

DRAWING NO.
SP635-1.3.4
SHEET
39 of 39
DATE
As per drawing
UNITS / SCALE
As per drawing

Request A Quote

Dimensions and specifications as per drawing. Confirm handling weights before lifting.
trikonprecast.com