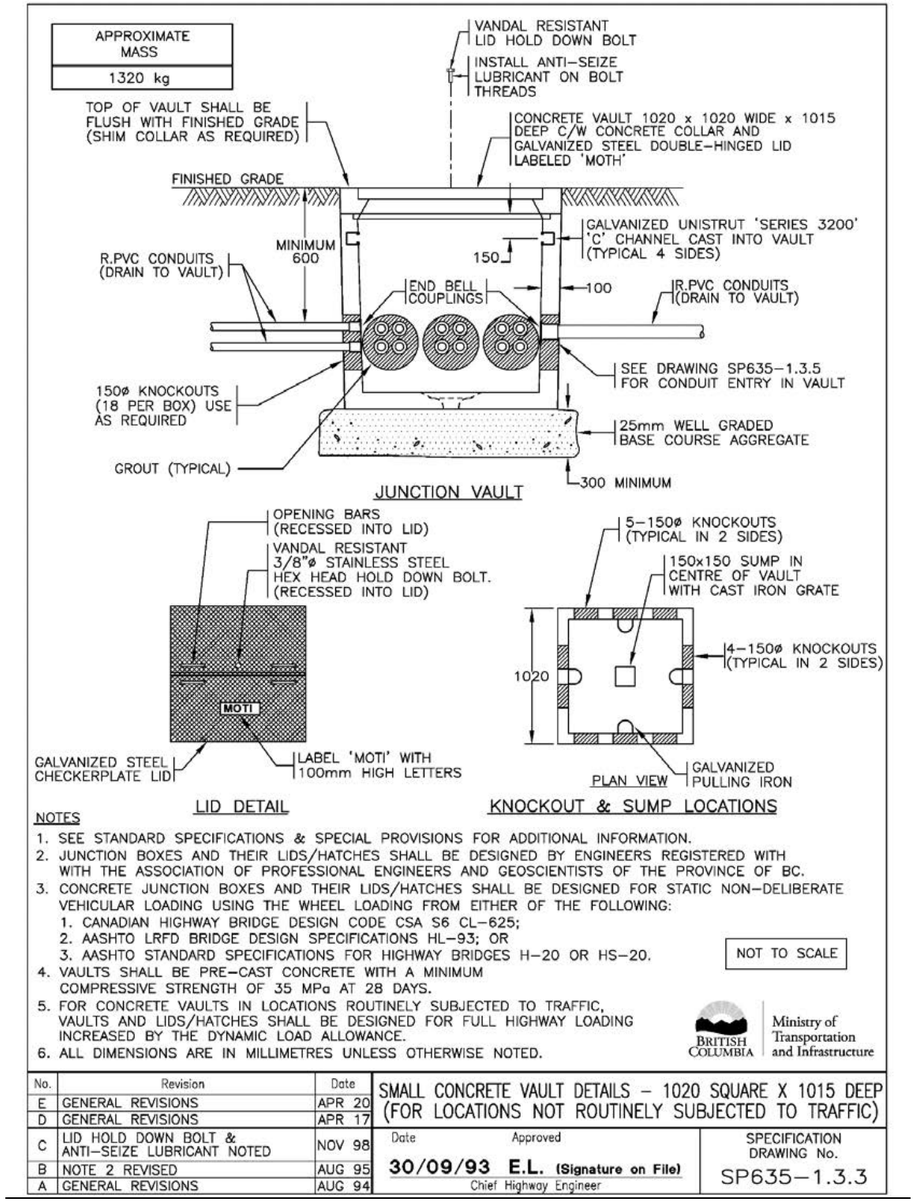


NOTES

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
E	GENERAL REVISIONS	APR 20
D	GENERAL REVISIONS	APR 17
C	LID HOLD DOWN BOLT & ANTI–SEIZE LUBRICANT NOTED	NOV 98
B	NOTE 2 REVISED	AUG 95
A	GENERAL REVISIONS	AUG 94

SMALL CONCRETE VAULT DETAILS – 1020 SQUARE X 1015 DEEP (FOR LOCATIONS NOT ROUTINELY SUBJECTED TO TRAFFIC)

Date Approved: 30/09/93 E.L. (Signature on File) Chief Highway Engineer

SPECIFICATION DRAWING No. SP635–1.3.3

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
Small Concrete Vault, 1020 Square x 1015 Deep

WEIGHT

DRAWING NO. **SP635-1.3.3**
DATE As per drawing
SHEET **38 of 39**
UNITS / SCALE As per drawing

Request A Quote

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