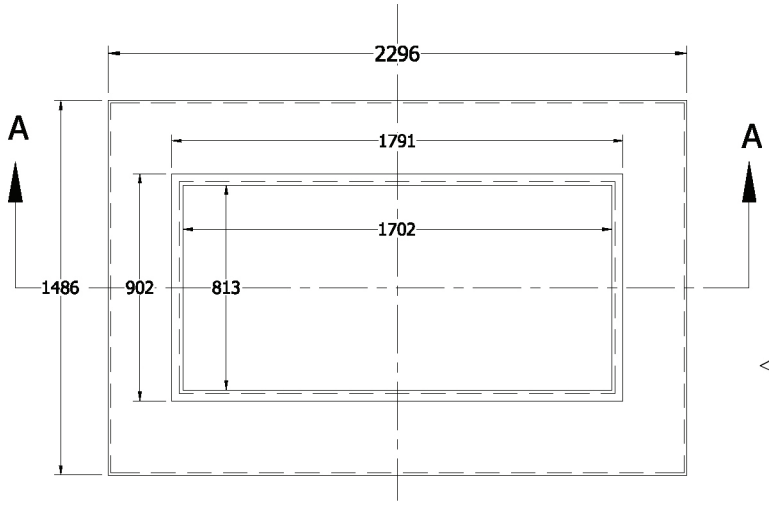
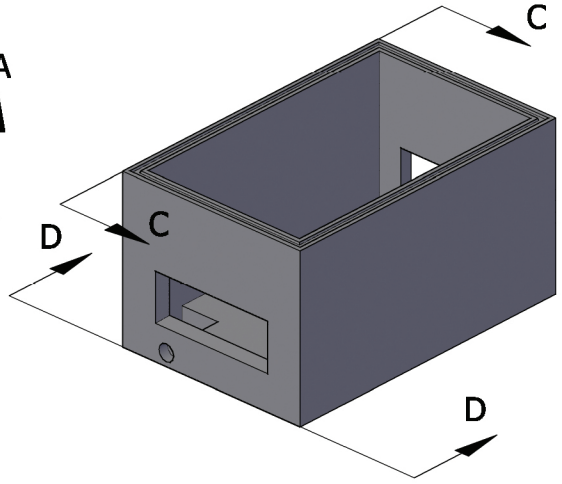
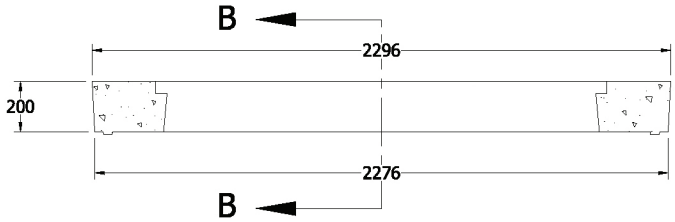
2121 VAULT



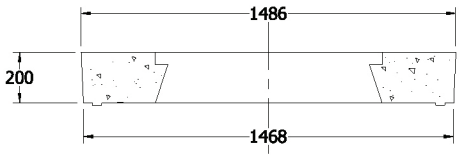
PLAN VIEW
SCALE 1:30



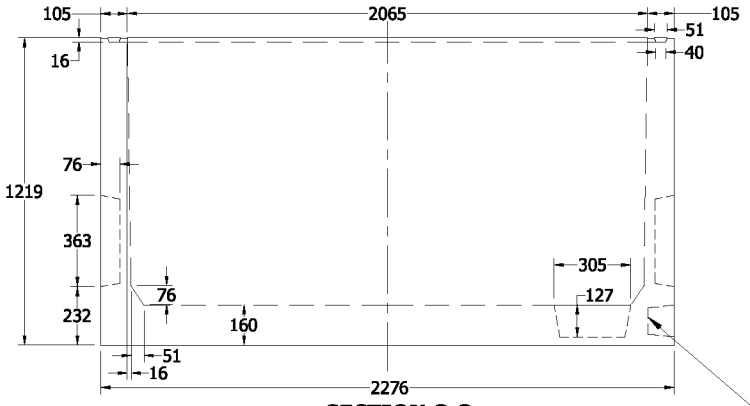
3D VIEW



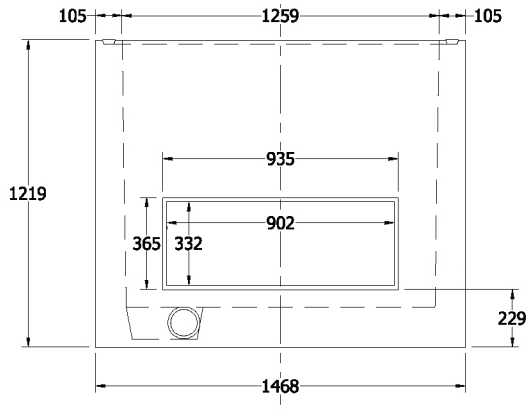
SECTION A-A
SCALE 1:30



SECTION B-B
SCALE 1:30



SECTION C-C
SCALE 1:30



127MM KNOCK OUT

SECTION D-D
SCALE 1:30

Specification and General Notes:

1. Manhole design/manufacture to ASTM C478M Specification.
2. Concrete testing to current version of ASTM C497/CSA A23.1&2.
3. Min. concrete compressive strength 30 MPa with Max. W/C ratio of 0.5
4. Gasket to ASTM C-443 specification (by others).
5. Concrete cover to be Min.25mm.
6. All dimensions to be millimeter.
7. Welded wire mesh overlap to be 300mm.
8. Manhole design and construction to MMCD manhole specification section 02725.
9. Manufacturing tolerance to be +/- 5mm.
10. Concrete Exposesure Class to be A-3
11. Min. Stripping Strength to be 15MPa
12. All Form Finish to be Standard Grade
13. All Unformed Finish to be Steel Trowelled Finish or Wood Float Finish
14. Lifting cable and accessaries to meet the strength requirement in lifting detail
15. Hoisting and Rigging system to meet WORK SAFE BC OHS Regulation Guideline Part 14/15

DIAMOND PRECAST CONCRETE

7520 Conrad Street Burnaby, B.C. V5A 2H7 Phone : 604-415-5181 Fax : 604-415-5185
www.diamondprecast.com

Description:
2121 VAULT

DESCRIPTION:
2121 VAULT # 6462 (NET Vol 2.74 cu.m)

Drawn :	Date :	Catalog No.
D.L	08/29/2017	2121 VAULT
Aproved :	Load Rating:	
V.W.	N/A	Dwg. No.
Rev. No.	Scale :	2121 VAULT-1
A	As Shown	

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Sheet No.
1 OF 2