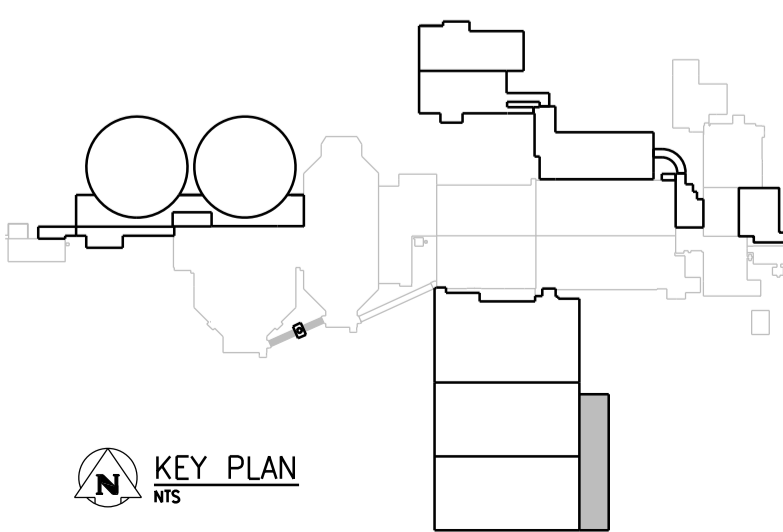


**ROOF PLAN**  
1:100

**NOTES:**

- REFER TO DRAWING 1-0102-SAAA-A001 FOR GENERAL STRUCTURAL NOTES.
- DESIGN LIVE LOAD FOR ROOF IS 1.0kPa.
- DESIGN SNOW LOAD IS 2.15kPa. SEE DRAWING FOR SNOW LOAD ACCUMULATION WHERE APPLICABLE.
- DESIGN SUPERIMPOSED DEAD LOAD ALLOWANCE FOR ROOF IS 1.0kPa.
- DESIGN DEAD LOAD ALLOWANCE FOR HANGING LOADS ON UNDERSIDE OF DOUBLE TEES = 5.0kPa.
- DESIGN OF DOUBLE TEES TO ALLOW FOR 400mm DIAMETER CORED HOLES IN TOP FLANGE AT LOCATIONS MARKED ROOF DRAIN (RD). COORDINATE WITH ARCHITECTURAL AND HVAC MECH DRAWINGS FOR LOCATION AND SIZE.
- DOUBLE TEES TO BE DESIGNED FOR LOADING IMPOSED BY FALL ARREST ANCHORS AS PER CSA-2271-9.4.3 AT LOCATIONS NOTED AS FA.



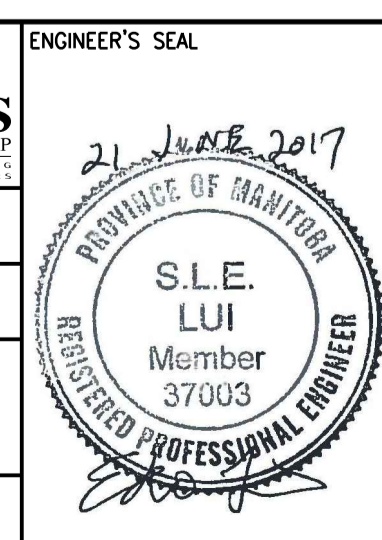
NO.	REVISIONS	DATE	DESIGN	CHECK
06	ISSUED FOR ADDENDUM 3 - 976-2016	2017/06/21	G.O.	J.C.
05	ISSUED FOR CONSTRUCTION - 976-2016	2017/04/05	G.O.	J.C.
04	ISSUED FOR CCN 7 - B.O. 899-2015	06/2016	G.O.	J.C.
03	ISSUED FOR CONSTR - B.O. 899-2015	04/2016	C.R.	J.C.
02	ISSUED FOR ADD. 4 - B.O. 899-2015	03/2016	C.R.	J.C.
01	ISSUED FOR ADD. 2 - B.O. 899-2015	02/2016	C.R.	J.C.
00	ISSUED FOR TENDER - B.O. 899-2015	01/2016	C.R.	J.C.

**CH2MHILL**  
SNC-LAVALIN

DESIGNED BY: J. THANNICKAL  
DRAWN BY: C. RYNARD  
DATE: 2017/04/05  
CONSULTANT NO.: 474248

CHECKED BY: E. LUI  
APPROVED BY: H.T. FREIHAMMER  
ISSUED FOR CONSTRUCTION  
BY: J. SHUMKA  
DATE: 2017/04/05

SCALE: 1:100



**THE CITY OF WINNIPEG**  
Winnipeg WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE  
SEWPCC UPGRADING/EXPANSION PROJECT  
STRUCTURAL  
BLOWER BUILDING  
ROOF PLAN

CITY DRAWING NUMBER: 1-0102-SGAD-R014  
SHEET: 001  
REV: 06  
SIZE: A1