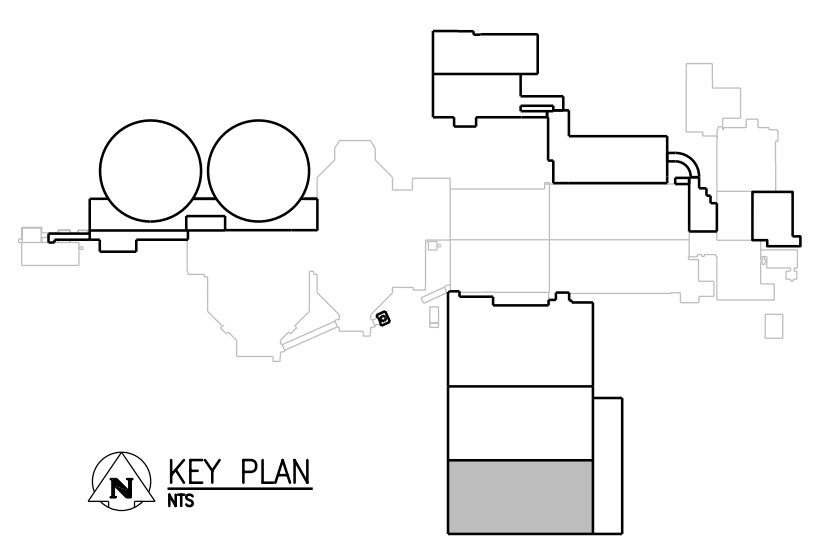


ROOF PLAN
1:100



- NOTES:**
- REFER TO DRAWING 1-0102-SGAD-A001 FOR GENERAL STRUCTURAL NOTES.
 - DESIGN LIVE LOAD FOR TANK AND CHANNEL ROOF IS 4.8kPa.
 - DESIGN LIVE LOAD FOR WALKWAYS IS 4.8kPa.
 - DESIGN DEAD LOAD ALLOWANCE FOR TANK AND CHANNEL ROOFS IS 1.0kPa.
 - DESIGN SNOW LOAD IS 2.15kPa, UNLESS NOTED OTHERWISE. SEE DRAWING FOR SNOW LOAD ACCUMULATION WHERE APPLICABLE.
 - * DENOTES LOCATION OF TYPE 1 DAVIT CRANE BASE INSERT.
⊗ DENOTES LOCATION OF TYPE 2 DAVIT CRANE BASE INSERT.



00	ISSUED FOR TENDER - B.O. 899-2015	01/2016	C.R.	J.C.
NO.	REVISIONS	DATE	DESIGN	CHECK

CH2MHILL
SNC-LAVALIN
DESIGNED BY: J. THANNICKAL
CHECKED BY: E. LUI
DRAWN BY: C. RYNARD
APPROVED BY: H.T. FREIHAMMER
SCALE: 1:100
ISSUED FOR CONSTRUCTION BY: T. TURZAK
DATE: 2016/01/29
DATE: 2016/01/29
CONSULTANT NO.: 474248

ENGINEER'S SEAL
31/01/2016
PROVINCE OF MANITOBA
REGISTERED PROFESSIONAL ENGINEER
S.I.E. LUI
Member 37003
Edwin J. Lui

THE CITY OF WINNIPEG
Winnipeg
WATER AND WASTE DEPARTMENT
SOUTH END WATER POLLUTION CONTROL CENTRE
SEWPPC UPGRADING/EXPANSION PROJECT
STRUCTURAL
BIOREACTOR 3
ROOF PLAN
CITY DRAWING NUMBER: 1-0102-SGAD-R012
SHEET: 001
REV: 00
SIZE: A1