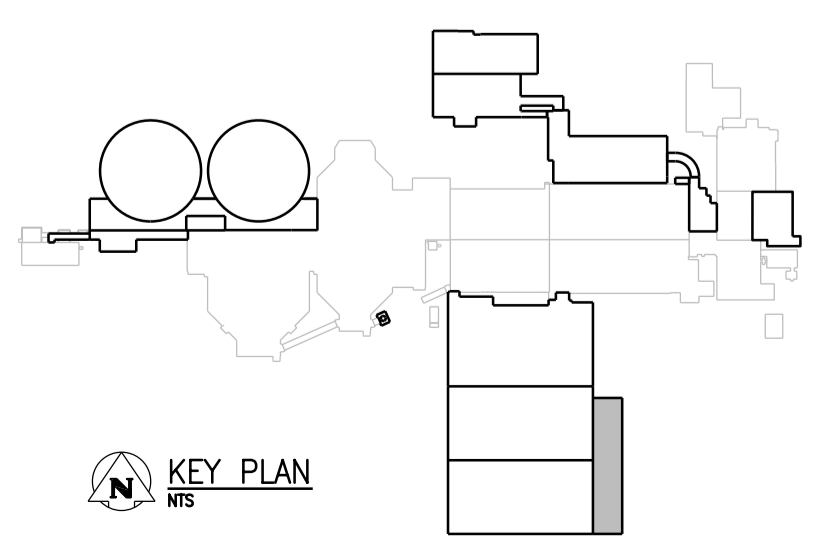


**ROOF PLAN**  
1:100

- NOTES:**
- REFER TO DRAWING 1-0102-SGAD-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 = 2.0kPa.
  - 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.



**APEGM**  
Certificate of Authorization  
CH2M HILL Canada Ltd.  
No. 1441

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

|                               |                                          |                        |  |
|-------------------------------|------------------------------------------|------------------------|--|
| <b>CH2MHILL</b>               |                                          | <b>KGS GROUP</b>       |  |
| DESIGNED BY:<br>J. THANNICKAL | CHECKED BY:<br>E. LUI                    | ENGINEER'S SEAL        |  |
| DRAWN BY:<br>C. RYNARD        | APPROVED BY:<br>H.T. FREIHAMMER          |                        |  |
| SCALE: 1:100                  | ISSUED FOR CONSTRUCTION BY:<br>T. TURZAK |                        |  |
| DATE: 2016/01/29              | DATE: 2016/01/29                         | CONSULTANT NO.: 474248 |  |

**THE CITY OF 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: 00 | SIZE: A1