# Orientation

Graphical user interface

Description automatically generated

Building,  
 Ref Bldg Midrise Apartment Post1980\_v1.3\_5.0, !- Name  
 40.0000, !- North Axis {deg}

UMG:

theta\_canyon,-20, # Canyon direction from geographical north,

# Sensor Height

Diagram, engineering drawing

Description automatically generated

# Ue2 (Basel-Spalenring, code in database: BSPA) Sensor height = 3m

Maximum Daily UHI effect: 5.2 K

VCWGv2.0.0 (Monthly) MeanBiasError: -0.53(K), RMSE: 0.56(K), R2: 0.98(-)

UWG Monthly MBE: -0.6(K), RMSE: 0.9(K)

NMBE(%), CV-RMSE(%), R2(-)

('VCWG-Potential Temperature error', 9.48, 13.52, 0.7)

('VCWG-Real Temperature error', 9.05, 13.11, 0.72)

('VCWG(idf-Refining)-Potential Temperature error', 7.91, 10.88, 0.8)

('VCWG(idf-Refining)-Real Temperature error', 7.53, 10.5, 0.82)

Chart

Description automatically generated