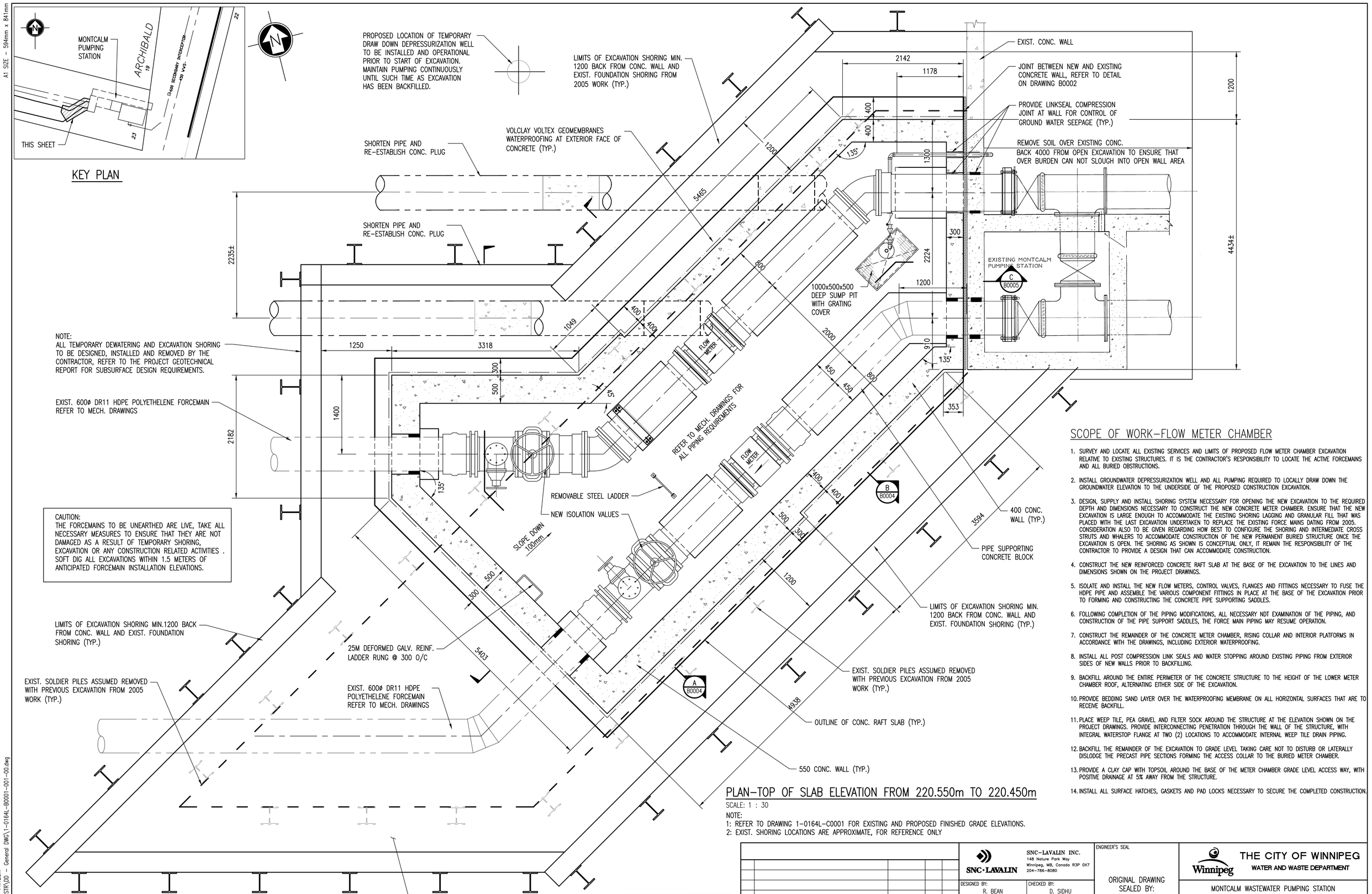
A1 SIZE - 594mm x 841mm

KEY PLAN


PROPOSED LOCATION OF TEMPORARY DRAW DOWN DEPRESSURIZATION WELL TO BE INSTALLED AND OPERATIONAL PRIOR TO START OF EXCAVATION. MAINTAIN PUMPING CONTINUOUSLY UNTIL SUCH TIME AS EXCAVATION HAS BEEN BACKFILLED.
LIMITS OF EXCAVATION SHORING MIN. 1200 BACK FROM CONC. WALL AND EXIST. FOUNDATION SHORING FROM 2005 WORK (TYP.)
EXIST. CONC. WALL
JOINT BETWEEN NEW AND EXISTING CONCRETE WALL, REFER TO DETAIL ON DRAWING B0002
PROVIDE LINKSEAL COMPRESSION JOINT AT WALL FOR CONTROL OF GROUND WATER SEEPAGE (TYP.)
REMOVE SOIL OVER EXISTING CONC. BACK 4000 FROM OPEN EXCAVATION TO ENSURE THAT OVER BURDEN CAN NOT SLOUGH INTO OPEN WALL AREA
VOLCLAY VOLTEX GEOMEMBRANES WATERPROOFING AT EXTERIOR FACE OF CONCRETE (TYP.)
SHORTEN PIPE AND RE-ESTABLISH CONC. PLUG
SHORTEN PIPE AND RE-ESTABLISH CONC. PLUG
EXISTING MONTCALM PUMPING STATION
C B0005
1000x500x500 DEEP SUMP PIT WITH GRATING COVER
FLOW METER
FLOW METER
REFER TO MECH. DRAWINGS FOR ALL PIPING REQUIREMENTS
NOTE:
ALL TEMPORARY DEWATERING AND EXCAVATION SHORING TO BE DESIGNED, INSTALLED AND REMOVED BY THE CONTRACTOR, REFER TO THE PROJECT GEOTECHNICAL REPORT FOR SUBSURFACE DESIGN REQUIREMENTS.
EXIST. 600ø DR11 HDPE POLYETHELENE FORCEMAIN REFER TO MECH. DRAWINGS
REMOVABLE STEEL LADDER
NEW ISOLATION VALUES
SLOPE DOWN 100mm
B B0004
A B0004
400 CONC. WALL (TYP.)
PIPE SUPPORTING CONCRETE BLOCK
LIMITS OF EXCAVATION SHORING MIN. 1200 BACK FROM CONC. WALL AND EXIST. FOUNDATION SHORING (TYP.)
CAUTION:
THE FORCEMAINS TO BE UNEARTHED ARE LIVE, TAKE ALL NECESSARY MEASURES TO ENSURE THAT THEY ARE NOT DAMAGED AS A RESULT OF TEMPORARY SHORING, EXCAVATION OR ANY CONSTRUCTION RELATED ACTIVITIES . SOFT DIG ALL EXCAVATIONS WITHIN 1.5 METERS OF ANTICIPATED FORCEMAIN INSTALLATION ELEVATIONS.
LIMITS OF EXCAVATION SHORING MIN.1200 BACK FROM CONC. WALL AND EXIST. FOUNDATION SHORING (TYP.)
25M DEFORMED GALV. REINF. LADDER RUNG @ 300 O/C
EXIST. SOLDIER PILES ASSUMED REMOVED WITH PREVIOUS EXCAVATION FROM 2005 WORK (TYP.)
EXIST. 600ø DR11 HDPE POLYETHELENE FORCEMAIN REFER TO MECH. DRAWINGS
EXIST. SOLDIER PILES ASSUMED REMOVED WITH PREVIOUS EXCAVATION FROM 2005 WORK (TYP.)
OUTLINE OF CONC. RAFT SLAB (TYP.)
550 CONC. WALL (TYP.)
NOTE: ALL NEW EXCAVATIONS TO BE BACKFILLED WITH TYPE 2 SELECT GRANULAR FILL COMPACTED TO 98% OF STANDARD PROCTER REF CW2030 (TYP.)
2142
1178
1200
5465
2235±
4434±
2224
1049
1250
3318
1400
2182
5403
4938
3594
353
2000
800
450
1300
910
300
500
1200
1200
1200