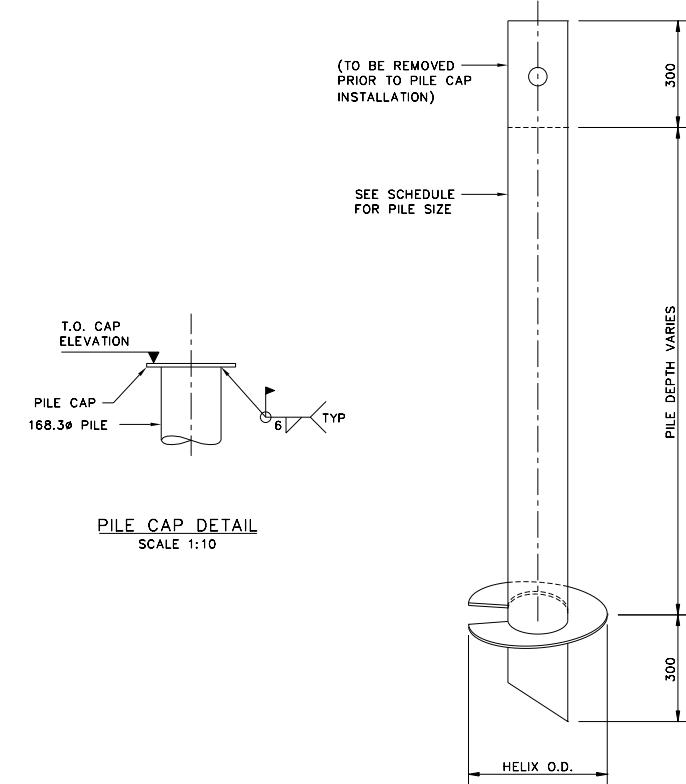


PILE LOCATION PLAN

SCREW PILE SCHEDULE							
PILE NUMBER	LOCATION	PILE TYPE	PILE SIZE mm	WALL THICKNESS mm	HELIX O.D. mm	PILE CAP ELEVATION m	PILE CAP DIMENSIONS mm
P-040 TO P-060	DEHY BUILDING	SINGLE HELIX SCREW PILE	168.3	7.11	305	100.000	250 x 250 x 10



PILE CAP DETAIL  
SCALE 1:10

SINGLE HELIX SCREW PILE  
DETAIL  
SCALE: N.T.S

**NOTES:**

1. PILES SHALL BE OPEN ENDED STEEL PIPE. PIPE SIZE AS INDICATED ON SCHEDULE.
2. SCREW PILES SHALL BE INSTALLED TO A MINIMUM TORQUE OF 10000 ft lbs (13.5 kJ).
3. PILE SPLICE WELDS, WHEN REQUIRED, SHALL BE FULL PENETRATION WELDS AND SHALL CONFORM TO CSA W59. WELDING ELECTRODES SHALL BE LOW HYDROGEN TYPE E40818.
4. PIPE MATERIAL SHALL BE ASTM A252 GRADE 2 OR 3, EQUIVALENT OR BETTER. PILE CAP MATERIAL SHALL CONFORM TO CSA G40.21, GRADE 300W.
5. SCREW PILES SHALL BE PLACED TO THE FOLLOWING TOLERANCES:
  - NOT MORE THAN 2% OF LENGTH OFF PLUMB
  - NOT MORE THAN 25mm OFF CENTER
6. CONTRACTOR SHALL MAINTAIN A DETAILED RECORD OF PILE INSTALLATION, INCLUDING PILE SIZE, PILE LOCATION, OVERALL INSTALLED LENGTH, TORQUE ACHIEVED, AND TIME REQUIRED FOR INSTALLATION.
7. ALL PILES SHALL BE INSTALLED CONTINUOUSLY ONCE INSTALLATION HAS BEEN INITIATED.
8. ALL PILES TO BE INSTALLED SHALL BE PROVIDED WITH COUPLERS FOR INSTALLATION. COUPLERS SHALL BE REMOVED PRIOR TO INSTALLATION OF STRUCTURAL STEEL WORK.
9. ALL PILES SHALL BE SINGLE-Helix SCREW PILES.
10. PRE DRILL PILE TO BELOW FROST LINE PRIOR TO INSTALLATION.
11. PILE DEPTH IS 6m MINIMUM.
12. ALL ELEVATIONS ARE REFERENCED FROM THE BOTTOM OF THE COMPRESSOR SKID.
13. PILING CONTRACTOR SHALL INVESTIGATE PILING LOCATIONS PRIOR TO INSTALLATION; FOR EXISTING BURIED PIPE.

CAUTION : READ BEFORE EXCAVATION  
ALL EXCAVATIONS MUST BE CARRIED OUT AS PER  
TENCANA'S GROUND DISTURBANCE PRACTICE