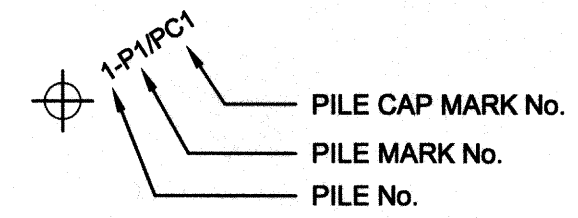
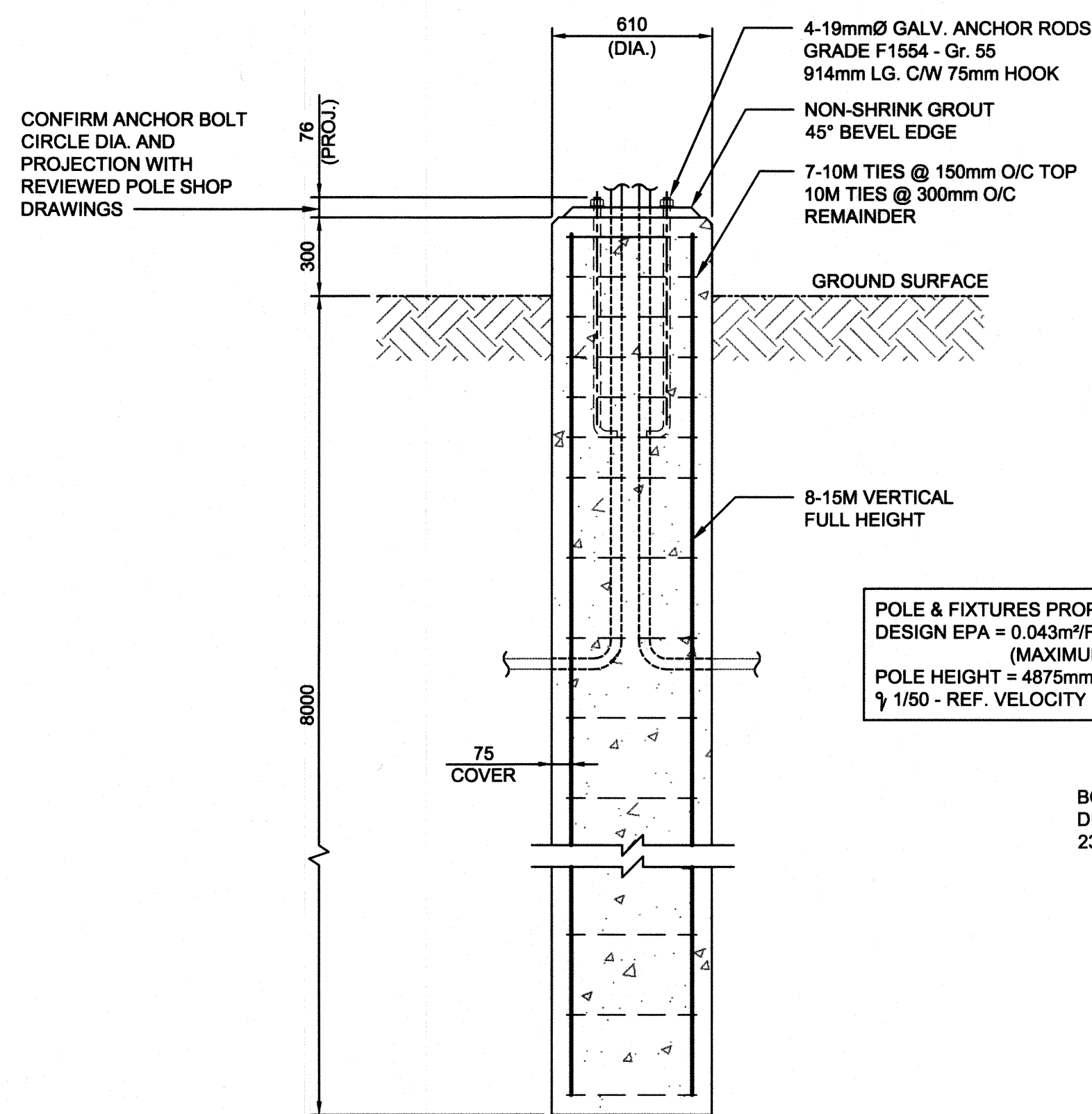


LEGEND



NOTES:

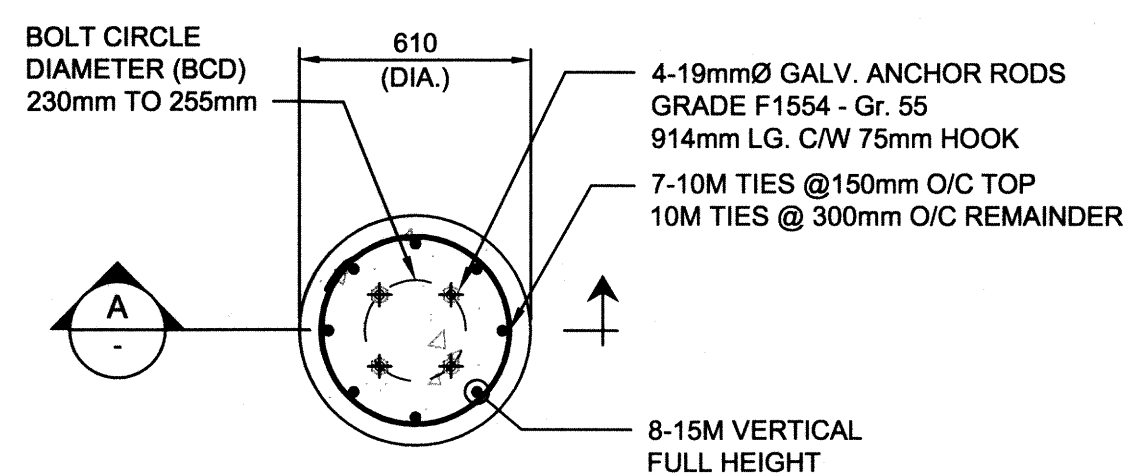
- COORDINATE EXACT PILE LOCATIONS ON SITE WITH DEPARTMENTAL REPRESENTATIVE.
- PILE INSTALLATION EQUIPMENT TO CONSIST OF A TRACK-MOUNTED SKID STEER WITH AUGER ATTACHMENTS OR EQUIVALENT. ALL PILE EQUIPMENT SHALL BE CHOSEN TO MINIMIZE THE DISTURBANCE TO RIPARIAN FOREST.
- SLEEVING OF THE PILES IS REQUIRED AND SHALL OCCUR SIMULTANEOUSLY WITH THE EXCAVATION.
- GROUNDWATER INFLOWS ARE ANTICIPATED IN THE PILE EXCAVATIONS. THE EXCAVATIONS MUST BE DEWATERED PRIOR TO CONCRETE PLACEMENT OR CONCRETE SHALL BE PLACED USING TREMIE OR PUMP-IN TECHNIQUES.
- AN ARCHAEOLOGIST IS REQUIRED TO BE ON-SITE AT ALL TIMES DURING EXCAVATION FOR THE PILE FOUNDATIONS AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- IN CONJUNCTION WITH THE ARCHAEOLOGICAL REQUIREMENTS, A RESEARCH AND COLLECTION PERMIT MUST BE OBTAINED FROM PARKS CANADA AGENCY PRIOR TO ANY EXCAVATION WORK.
- THE PROPOSED WORK IS LOCATED WITHIN 107 M OF THE NORMAL SUMMER RIVER LEVEL (NSRL) AND A CITY OF WINNIPEG WATERWAY CONSTRUCTION PERMIT MUST BE OBTAINED AT THE RESPONSIBILITY OF THE CONTRACTOR PRIOR TO ANY WORK. THE CORRESPONDING KGS GROUP LETTER REPORT 'THE FORKS NATIONAL HISTORIC SITE - INFRASTRUCTURE UPGRADES: GEOTECHNICAL INVESTIGATION AND FOUNDATION ASSESSMENT FOR RIVERBANK LIGHTING', DATED APRIL 2015, IS SUITABLE FOR SUBMISSION WITH A WATERWAY CONSTRUCTION PERMIT APPLICATION.



A SECTION - PILE 'P1'
SCALE: 1:20

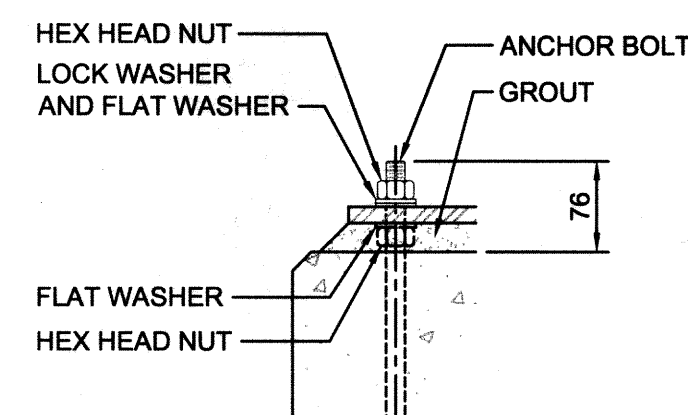
PILE SCHEDULE			
MARK	DIAMETER	PILE LENGTH (BELOW GRADE)	REMARKS
P1	610mm	8000mm	REFER TO SECTION A & DETAIL 1

POLE & FIXTURES PROPERTIES
DESIGN EPA = 0.043m²/FIXTURE
(MAXIMUM 4 FIXTURES)
POLE HEIGHT = 4875mm
1/50 - REF. VELOCITY PRESSURE = 450 Pa

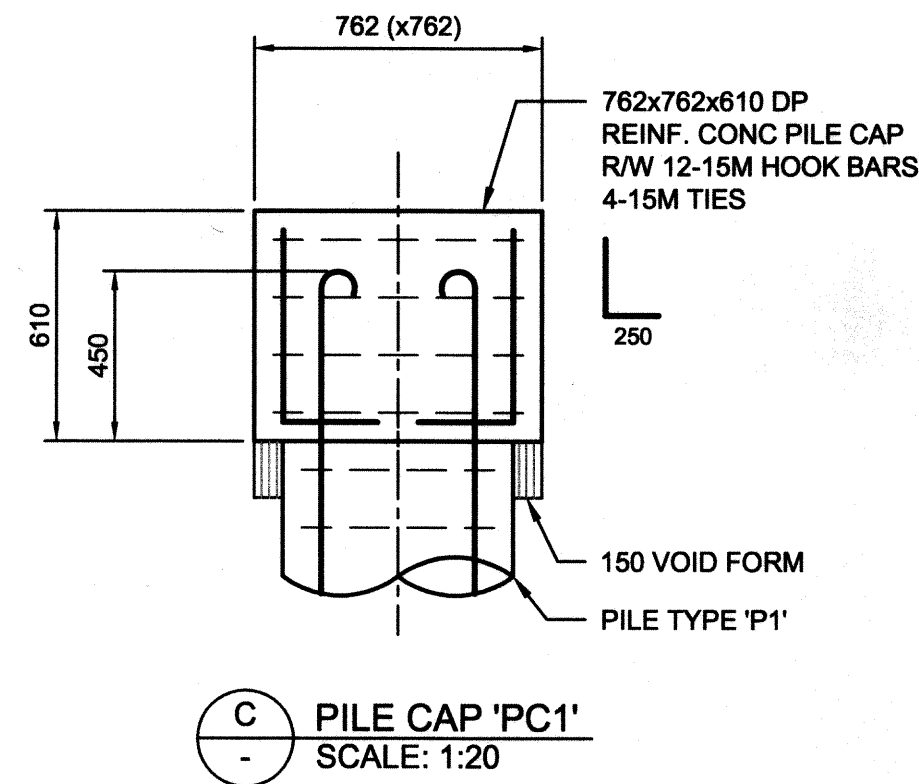


1 DETAIL - LIGHT POLE BASE
SCALE: 1:20

PILE COORDINATES		
PILE No.	NORTHING (m)	EASTING (m)
1	5527659.965	634419.109
2	5527693.835	634469.433
3	5527720.671	634497.776
4	5527760.014	634515.688
5	5527819.287	634532.744
6	5527870.575	634542.319
7	5527920.853	634543.772
8	5527942.254	634522.979
9	5527968.822	634509.753
10	5528011.667	634507.913
11	5527982.234	634490.886
12	5527992.711	634490.543



B SECTION - ANCHOR
SCALE: 1:10



C PILE CAP 'PC1'
SCALE: 1:20