

Revision table with columns: Revision, By, Appd., YY.MM.DD. Includes entries for Issues and File Name: 20037.5-001.

STRUCTURAL ABBREVIATION SCHEDULE. Table with columns: Symbol, Description, and Abbreviation.

- A GENERAL NOTES: 1. THIS STRUCTURE IS DESIGNED IN ACCORDANCE WITH... 2. DESIGN LIVE LOADS SHALL NOT BE EXCEEDED AT ANY TIME... 5. MODIFICATIONS, ALTERATIONS OR SUBSTITUTIONS MUST BE AUTHORIZED IN WRITING BY THE CONTRACT ADMINISTRATOR... 23. NOTIFY THE CONTRACT ADMINISTRATOR AT LEAST 48 HOURS PRIOR TO ALL CONCRETE PLACEMENT TO ALLOW FOR SITE OBSERVATIONS.

- D CONCRETE SLAB-ON-GRADE: 1. SUB-BASE PREPARATION - PREPARE SUB-BASE IN STRICT ACCORDANCE WITH THE GEOTECHNICAL REPORT... 2. GRANULAR BASE - INSTALL A BASE OF CLEAN WELL GRADED GRANULAR FILL COMPACTED TO A MINIMUM 100% STANDARD PROCTOR DENSITY... 12. ALL STUO WALLS LOCATED ON A SLAB-ON-GRADE SHALL BE CONSTRUCTED WITH A MINIMUM 25mm (1") GAP AT THE TOP, OR OTHER APPROVED SLIP JOINT.

- 8. STRUCTURAL STEEL SUPPLIER SHALL SUBMIT SHOP DRAWINGS, SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE PROVINCE OF MANITOBA... 13. DESIGN FOR MINIMUM 50% OF SHEAR CAPACITY UNLESS NOTED OTHERWISE.

- V MISCELLANEOUS METALS: 1. GRATING SHALL BE DESIGNED AND DETAILED BY STRUCTURAL STEEL SUPPLIER... 5. ALL MISCELLANEOUS STEEL SHALL BE GALVANIZED UNLESS NOTED OTHERWISE.

- E FOUNDATION - CAST-IN-PLACE CONCRETE FRICTION PILES: 1. ALL PILES TO BE CAST-IN-PLACE FRICTION PILES, SIZES AS SHOWN ON THE DRAWINGS... 9. SLEEVE PILE HOLES AS REQUIRED DURING INSTALLATION OF CONCRETE FOR PILES.

- F REINFORCING STEEL: 1. REINFORCING STEEL SHALL BE NEW BILLET, DEFORMED BARS WITH A MINIMUM SPECIFIED YIELD STRENGTH OF 400MPa... 9. PRIOR TO PLACING CONCRETE, ENSURE THAT ALL REINFORCING STEEL IS CLEAN, FREE OF LOOSE SCALE, RUST, MUD, OIL, OR OTHER FOREIGN MATERIAL THAT WOULD REDUCE BOND.

- G STRUCTURAL STEEL: 1. STRUCTURAL STEEL SHALL CONFORM TO CSA G40.20-13/G40.21-13... 6. ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS FULLY APPROVED FOR STRUCTURAL WELDING BY THE CANADIAN WELDING BUREAU IN ACCORDANCE WITH CSA W47.1-09 (R2014), CSA 47.2-11 (R2015), AND CSA W59-13.

TABLE D.1: CONTROLLED CONCRETE. Table with columns: CONCRETE LOCATION, MAX. AGG. SIZE, 28 DAY STRENGTH, EXPOSURE CLASS, AIR CONTENT, CEMENT TYPE.

TABLE D.2: CONCRETE COVER TO REINFORCEMENT. Table with columns: Location (Piles, Walls, Slabs) and Cover (75mm, 50mm, 60mm).

TABLE D.3: EMBEDMENT OF DOWELS. Table with columns: BAR DESIGNATION, REINFORCEMENT GRADE, COMPRESSION EMBEDMENT, REGULAR TENSION EMBEDMENT.

TABLE D.4: REINFORCEMENT SPLICES. Table with columns: BAR SIZE, FULL TENSION SPLICE, FULL TENSION SPLICE FOR TOP BARS. Includes notes for reinforcement placement and epoxy use.