



- GENERAL NOTES**
- A. GENERAL**
1. THESE DRAWINGS SHOW STRUCTURAL CONTENT ONLY.
  2. ENGINEER BEFORE PROCEEDING WITH WORK.
  3. ALL DIMENSIONS, UNLESS OTHERWISE NOTED, ARE METRIC, ALL LEVELS, UNLESS OTHERWISE NOTED, ARE IN METERS, DO NOT SCALE DRAWINGS.
  4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL NECESSARY PERMITS, SHORING, FORM WORK AND FALSE WORK, REQUIRED TO COMPLETE THE WORK SAFELY ON THE JOB SITE AND DESIGN, INSTALLATION AND SUPERVISION OF ALL TEMPORARY BLOCK BUILDING FROM THESE DRAWINGS SHALL PROCEED ONLY WHEN ISSUED FOR CONSTRUCTION.
  5. CRACKER SCREENS TO BE STAIN ALONE AND SHALL NOT BE CONNECTED TO A BUILDING.
  6. REVIEWED BY THE CONSULTANT AS REQUIRED UNTIL ALL NECESSARY PERMITS ARE OBTAINED AND CONFORM WITH ALL APPLICABLE CODES AND BY LAWS CONCERNING SAFETY, NOISE AND VIBRATIONS.
  7. MATERIAL AND DESIGN DATA
  8. STRUCTURAL STEEL FRAMING, CONFORM TO CAN/CSA-G40.20 AND G40.21, GRADE 50W, ANGLES, CHANNELS AND PLATE SHALL BE GRADE 300W.
  9. STRUCTURAL BOLTS, NUTS AND WASHERS, CONFORM TO ASTM A325M.
  10. ANCHOR BOLTS CONFORM TO ASTM A375 UNLESS OTHERWISE NOTED OR SHOWN.
  11. WELDING OF STEEL STRUCTURE, CONFORM TO CSA STANDARD W88 WELDING SHALL BE PERFORMED BY A COMPANY CERTIFIED UNDER CAN/W 1.
- C. SITE REVIEW RESPONSIBILITIES**
1. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR QUALITY CONTROL AND THE PERFORMANCE OF THE WORK SHALL NOT BE RESPONSIBLE FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- CONSTRUCTION NOTES**
- A. STRUCTURAL STEEL**
1. ALL STRUCTURAL STEEL ELEMENTS HAVE BEEN DESIGNED IN ACCORDANCE WITH CAN/CSA S16.01.
  2. LIMIT STATES DESIGN OF STEEL STRUCTURES.
  3. CONTINUOUS CONSTRUCTION HAS BEEN ASSUMED HAVE BEEN IDENTIFIED ON PLANS.
  4. NO STRUCTURAL STEEL SHALL BE CUT IN THE FIELD UNLESS REVIEWED AND APPROVED BY THE ENGINEER.
  5. SPICES SHALL BE DESIGNED TO DEVELOP THE FULL CAPACITY OF THE MEMBER AT THE POINT OF BEING MADE UNLESS SHOWN OTHERWISE ON DRAWINGS OR REVIEWED AND APPROVED BY THE ENGINEER.
  6. ALL WELDS SHALL BE FULL PENETRATION WELDS UNLESS OTHERWISE NOTED OR SHOWN.
  7. COMPANIES ENGAGED IN WELDING SHALL BE CERTIFIED BY THE CANADIAN WELDING BUREAU TO CSA W 17.1 COMPANIES SHALL HAVE WELDING PROCEDURES APPROVED AND WELDERS QUALIFIED FOR THE WORK.
  8. ALL WELDS AND OTHER CONNECTIONS SHALL BE INSPECTED BY CERTIFIED WELDING INSPECTOR UNDER CAN/W 17.1.
  9. WELDING ERECTION SHALL CONFORM TO CSA S-16 SHALL BE DONE IN ACCORDANCE WITH CSA W 59 USING ERWOK ELECTRODES AND PERFORMED BY A WELDER QUALIFIED UNDER CAN/W 17.

- MATERIALS**
- WOOD GENERAL SPECIFICATIONS**
- ALL WOOD SHALL BE WESTERN RED CEDAR SELECTED FOR GOOD APPEARANCE AND FREE OF KNOTS AND DEFECTS. ALL DIMENSIONS SHALL BE AS SHOWN UNLESS OTHERWISE NOTED. ALL WOOD SHALL BE DISTRIBUTED THROUGHOUT THE INSTALLATION.
- INTELL**
- T & G SELECTED (ROUND) TIGHT KNOT N/GA PATTERN 18 (20) MODIFIED 5mm 2'X' 1 (DRESSED BOTH SIDES) WITH BEVELLED EDGES ON BOTH
- HORIZONTAL MEMBERS**
- SHALL BE 38x140, DRESSED TO PATTERN, THE GRADE TO BE N/GA 2x6 OR BETTER SELECT TIGHT KNOT GRADE.
- POSTS**
- SHALL BE 156x87 STRUCTURAL STEEL. STRUCTURAL STEEL MATERIALS DESIGN AND FABRICATION SHALL CONFORM TO CAN/CSA STANDARD G40.21-92 GRADE 300W AND CAN/CSA S16.1, ALL MEMBERS SHALL BE HOT DIPPED GALVANIZED CONFORMING TO CAN/CSA G164.
- STAIN FOR WOOD FENCE** - COLOUR TO BE COBALT SALTS 0000-12 BY SICO PAINTS.
- STAIN SHALL CONSIST OF:**
- BASE OF BLENDED RESIN AND OILS IN A WATER SUSPENSION
  - SUSPENDED SOLIDS THAT ARE NOT LESS THAN 21% AND NOT GREATER THAN 37% BY VOLUME
  - SOLIDS SHALL BE ORGANIC COMPOUNDS WHICH ARE NOT IN EXCESS OF 350 g/L IN ACCORDANCE WITH A.S.T.M. D-2889
  - LEVELS OF LIQUID MICROBIOIDES AND ANY OTHER POTENTIAL TOXIC SUBSTANCES WHICH ARE KNOWN OR BELIEVED TO BE HARMFUL TO HUMANS OR ANIMALS SHALL BE ZERO.
  - NONE OF THE FOLLOWING SUBSTANCES SHALL BE PRESENT IN EXCESS OF THE FOLLOWING LIMITS: FOLPET IN-TRICHLOPHEMETHYL DIPHENYLAMIDE) 100 mg/L, 1,1-DIBROMOETHANE) 100 mg/L, COPPER 8 QUINOLINATE) 100 mg/L, ZINC AMPHTEHNATE) 100 mg/L.
- STAIN APPLICATION**
- APPLY TWO COATS OF STAIN BY HAND USING BRUSH, APPLY OR SPRAYING METHODS TO ACHIEVE FULL COVERAGE OF ALL EXPOSED SURFACES. APPLY OUTDOORS ONLY IN SUITABLE WEATHER CONDITIONS DURING WHICH THE TEMPERATURE IS BETWEEN 5 C AND 21 C FOR A PERIOD OF 48 HOURS FOLLOWING APPLICATIONS.
- FASTENERS**
- INCLUDING ANCHOR BOLTS, BOLTS, NUTS AND WASHERS, SHALL BE HOT-DIP GALVANIZED STEEL.
- CONCRETE**
- SHALL CONFORM WITH CSA 423.1
- 28 MPa AT 28 DAYS MINIMUM
  - WATER CEMENT RATIO TO 0.50max
  - FIBER CONCRETE
- FOOTING**
- TOP 60mm TO BE FORMED WITH SONO TUBE
- REINFORCEMENT**
- STEEL SHALL CONFORM TO THE REQUIREMENTS OF CSA G30.16 FOR GRADE 400W.
- SOIL**
- BENEATH AND WITHIN 2m RADIUS OF ANY FOOTING SHALL BE CERTIFIED 98% S.P.D. PRIOR TO CONSTRUCTION BY A GEOTECHNICAL ENGINEER.
- POSTS**
- SHALL BE PLUMB WITHIN 5mm, ABOVE GRADE, 5mm ON PLUMB OF POSTS AND LEVEL OF INFLU MEMBERS. GAPS BETWEEN INFLU MEMBERS SHALL NOT EXCEED 6mm (N/1).
- INTELL**
- MEMBERS SHALL BE TIGHT FITTED TO ELIMINATE ALL GAPS AND RATTING
- STEP FENCE**
- ON SLOPES MINIMUM 50mm AND 150mm, MAXIMUM AT EACH POST.
- NAILING**
- ALL NAILS GALV. ARCOX AND 75mm Ø7 UNLESS NOTED OTHERWISE. ALL NAILS TO BE EVENLY SPACED AND SET NOT LESS THAN 25mm FROM EDGE OF ANY MEMBER.
- RAILS**
- 3 NAILS TO POST AT EACH END, 3 NAILS THROUGH BOTTOM FROM RAIL TO VERTICAL MEMBERS AND 3 NAILS TO SKIRT BOARD IN STAGGERED PATTERN.
- FACE BOARD**
- 2 NAILS 50mm (2") EACH END TO VERTICAL MEMBERS AND 4 NAILS IN STAGGERED PATTERN USING 50mm.
- VERTICAL MEMBERS**
- 2 NAILS 88mm (3 1/2") TOP AND BOTTOM TO RAILS AND 5 NAILS 50mm (2") STAGGERED PATTERN THROUGHOUT.
- COPING**
- 2 NAILS THROUGH EDGES TO POST AT EACH END AND 6 NAILS THROUGH TOP TO VERTICAL MEMBERS.
- WARRANTY**
- THE FENCE SHALL BE GUARANTEED FOR THE LENGTH OF TIME AS SPECIFIED IN THE CONTRACT DOCUMENTS.

# CRICKET FIELD SCREEN

SPORTS FACILITIES – SERIES 400

APRIL 2019



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