



# Detail for Pitch

- STRUCTURAL CONCRETE NOTES**  
 ALL DRAWINGS TO AGREE/COORDINATED BY CONTRACTOR
- REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND DATA ON THE SITE AND IS HELD RESPONSIBLE FOR ANY DISCREPANCY TO THE ARCHITECT PRIOR TO ANY FIELD WORK. REPORT ANY DISCREPANCIES FOR CLARIFICATION PRIOR TO CONSTRUCTION.
  - ALL CONCRETE CONSTRUCTION TO CONFORM TO CSA/CAN 3 A23.1 M77.
  - CONCRETE COMPRESSIVE STRENGTH SHALL BE 20 MPa AT 28 DAYS. AIR ENTRAINMENT SHALL BE 6-8% BY VOLUME FOR EXPOSED CONCRETE.
  - REINFORCING STEEL SHALL CONFORM TO CSA G30.12 M77 GRADE 400 F<sub>y</sub>=400 MPa.
  - LAP ALL BARS 36 BAR DIAMETERS MINIMUM. PROVIDE CORNER BARS TO MATCH HORZ. STEEL. PROVIDE VERT. DOWELS TO MATCH ALL VERT. BARS.
  - PROVIDE MINIMUM 20mm CONCRETE COVER TO REINFORCING BARS AND AS FOLLOWS:  
 FOOTINGS (BOTTOMS AND SIDES) : 75mm  
 WALLS (AGAINST EARTH) : 40mm  
 SUSPENDED SLAB TO BOTTOM : 20mm
  - ALL FOOTINGS REST ON UNDISTURBED GROUND.
  - PROVIDE REBAR PLACING DIAGRAM & BAR LISTS FOR APPROVAL PRIOR TO FABRICATION.
  - PROVIDE 125mm SLAB ON 150mm CRUSHED STONE AND GRAVEL BASE WITH 6x6-6/6 WIRE MESH AND CONTROL JOINTS THROUGHOUT AS NOTED. PROVIDE 6 MIL POLYETHYLENE VAPOUR BARRIER.
  - PLACE SAW CUTS ON SLAB-ON-GRADE WITHIN 48 HRS. TO REDUCE SHRINKAGE CRACKS. COORDINATE THIS DRAWING WITH ALL OTHER DRAWINGS PRIOR TO COMMENCING WORK. FOUNDATION TO BE PLACED ON SOLID BEARING WITH MIN. BEARING CAPACITY OF 150 kPa. FILL CONTROL JOINTS WITH PART POLYURETHANE SELF LEVELING SEALANT. COMPACT ALL INTERIOR BACKFILL TO 100% PROCTOR.
  - Synthetic Turf to be laid in two continuous 12m strips starting from the center expansion joint.
  - Synthetic Turf is to be folded and cemented over the edges of the concrete wicket.
  - Concrete comprises 20/20 Mono Mix.
  - Compaction of base to be 7 Blows/300mm with soil pre-moistened.
  - Alignment of the concrete wicket is supposed to be as shown in S1.

FOR BLDG .PERMIT & CO-ORDINATION ONLY

20 MPa Concrete Positioned centrally with Steel Mesh in the centre

100 mm Thick

Section A-A

Expansion joint with Mastic at A,B & C

A

Stump Recess  
 75 mm wide  
 300 mm long

1 TYPICAL EXTERIOR WALL SECTION  
 SCALE = 1:20

STRUCTURAL CONSULTANTS

VACHARYA ASSOCIATES INC  
 VIPIN ACHARYA P.ENG.

ST.JOHN'S NL

PRIME CONSULTANTS  
 ARCHITECTURAL DEVELOPMENT AND DESIGN

ST.JOHN'S NL  
 PROJECT TITLE  
 Cricket Pitch for Cricket NL  
 ROAF Field, St.John's NL

04-2017	
SCALE	1:100
DATE	April, 2017
DRAWN BY	DP
CHK'D BY	VA
DATE PRINTED	
0 Apr20/2017 for REVIEW ONLY	
REVISIONS	
DRAWING NAME:	SET NUMBER
FOUNDATION PLAN AND DETAILS	
DRAWING No.	S2