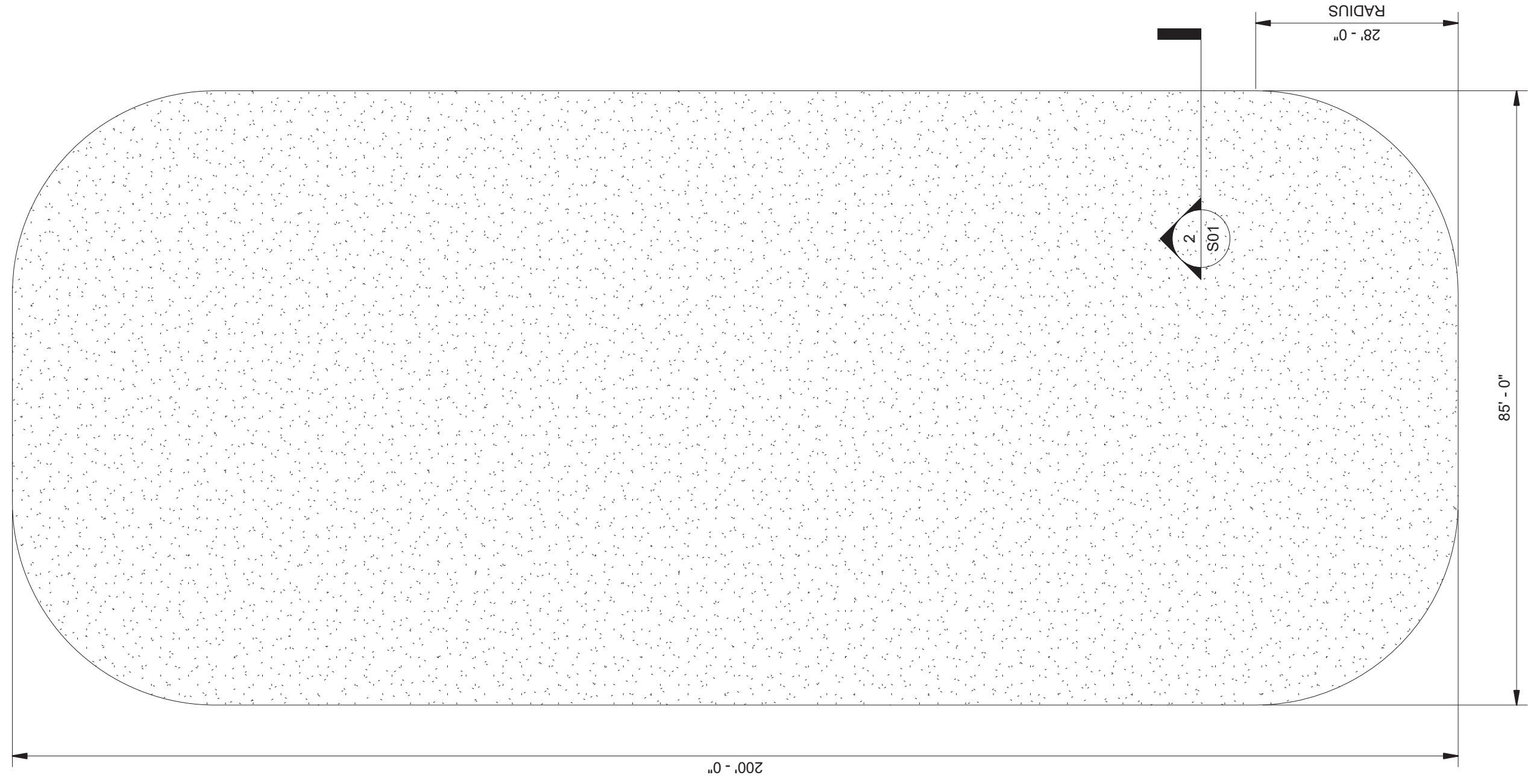


① RINK - SLAB-ON-GRADE
1/16" = 1'-0"



GENERAL NOTES

- 1) PERFORM ALL WORK IN ACCORDANCE WITH THE ONTARIO BUILDING CODE AS A MINIMUM STANDARD. REFER TO THE APPROPRIATE CSA STANDARD FOR ADDITIONAL REQUIREMENTS COVERING WORKMANSHIP AND MATERIALS.
 - 2) QUALITY CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR.
- EXCAVATION AND BACKFILLING**
- 1) RINK SLAB ON GRADE TO BEAR ON ENGINEERED SUBSOIL IN ACCORDANCE WITH TECHNICAL REPORT FILE NO. 2263/14 BY PINCHIN (DATED DECEMBER 4, 2018).
 - 2) REMOVE ALL DELETERIOUS MATERIALS FROM EXCAVATION LIMITS.
 - 3) PROOF ROLL EXISTING SUB-GRADE AS DIRECTED AND APPROVED BY PINCHIN.
 - 4) COMPACT ENGINEERED BACKFILL IN 8" LIFTS AS DIRECTED AND APPROVED BY PINCHIN.
 - 5) DO NOT PLACE CONCRETE AGAINST FROZEN GROUND.

CONCRETE

- 1) WORK IN THIS SECTION SHALL COMPLY WITH THE REQUIREMENTS OF CSA A23.1-09 AND CSA A23.2-09 AS MINIMUM STANDARDS.
- 2) CONSTRUCT FORMWORK STRONG, TIGHT, BRACED AND TRUE SO AS TO MAINTAIN SHAPE AND POSITION. USE ONLY NEW MATERIAL.
- 3) ALL REINFORCING STEEL TO BE CLEAN AND SECURED IN PLACE BY THE USE OF CHAIRS, SPACERS, OR HANGERS.
- 4) LAP ALL BARS 24" MINIMUM.
- 5) BAR SUPPORTS SHALL CONFORM TO STANDARDS SET OUT IN THE R.S.I.C. MANUAL OF STANDARD PRACTICE.
- 6) CHAIRS MUST BE USED. LIFTING OF REINFORCING DURING POURING INTO PLACE IS NOT PERMITTED.
- 7) WHENEVER AIR TEMPERATURE IS BELOW OR IS LIKELY TO FALL BELOW 5 DEGREES C, MAINTAIN TEMPERATURE OF PLACED CONCRETE AT NOT LESS THAN 10 DEGREES C FOR 5 DAYS. DO NOT ALLOW CONCRETE TO COOL TO BELOW FREEZING FOR 7 DAYS. DO NOT PLACE CONCRETE AGAINST FROZEN MATERIAL.

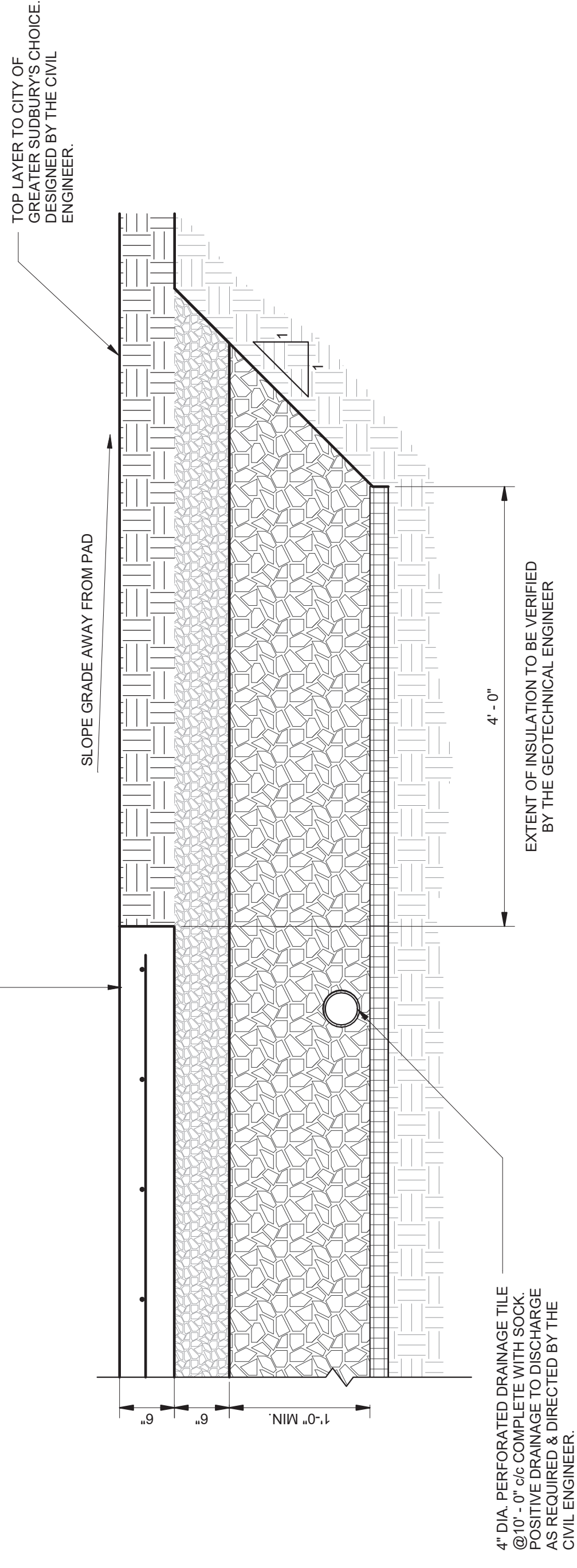
- 8) SPLASHPAD SLAB-ON-GRADE TO RECEIVE A CLASS 'A' MAGNESIUM TROWEL FINISH DO NOT STEEL TROWEL TO PREVENT SEALING OF POURS. FINISH PERIMETER WITH EDGING TOOL OR CHAMFER.
 - 9) WET CURE ALL SLABS FOR 7 DAYS.
 - 10) MATERIALS:
 - a) SPLASHPAD SLAB-ON-GRADE - 35 MPA MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS, CATEGORY C-1, 5%-8% AIR ENTRAINMENT.
 - b) REINFORCING BARS - BILLET STEEL BARS, GRADE 400 TO CANCSA G30.18-09
 - c) RIGID INSULATION - STYROFOAM TYPE SM BY DOW.
 - d) SEALER - TO BE APPROVED BY TALL PINES ENGINEERING.
 - e) PAINT - TO BE COMPATIBLE WITH APPROVED SEALER AND JOINT FILLER.
- SAW CUTTING**
- 1) SAW CUT WITHIN 24 HOURS OF FINAL TROWELLING AND BEFORE ANY SHRINKAGE CRACKING OCCURS.
 - 2) DO NOT CUT REINFORCING BARS.
 - 3) SAW CUTS TO BE SPACED AT 12'-0" o.c.
 - 4) SAW CUTS TO BE 1/8" WIDE X 2" DEEP.
 - 5) SAWED JOINTS TO BE FREE OF DEBRIS AND FILLED WITH JOINT FILLER.
 - 6) MATERIALS:
 - a) JOINT FILLER - SIKAFLEX 1A, CONFIRM COMPATIBLE WITH SEALER/PAINT.

DESIGN

- 1) THIS WORK HAS BEEN DESIGNED IN ACCORDANCE WITH CSA A23.3 AND THE ONTARIO BUILDING CODE 2012.
- 2) ALL DESIGN LOADS ARE IN ACCORDANCE WITH THE ONTARIO BUILDING CODE AS A MINIMUM STANDARD. THE SLAB IS NOT INTENDED TO CARRY VEHICLE LOADS.

SLAB-ON-GRADE

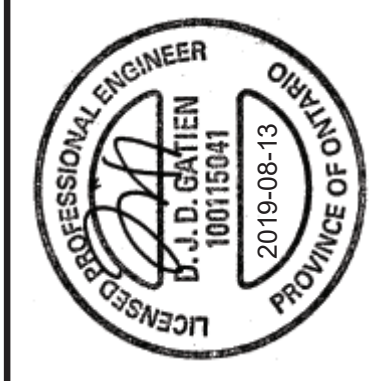
- 6" CONCRETE SLAB-ON-GRADE (w/ 10M @ 1'-0" o/c BOTH WAYS
- 6" GRANULAR 'A' COMPACTED TO 100% S.P.M.D.D.
- GRANULAR 'B' TYPE (BELOW GRANULAR 'A' COMPACTED TO 100% S.P.M.D.D.
- 2" POLYSTYRENE INSULATION AS REQUIRED BY THE GEOTECHNICAL ENGINEER
- HEAVILY PROFFERED SUB-BASE AS APPROVED BY THE GEOTECHNICAL ENGINEER



② SECTION
1" = 1'-0"



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Professional Stamp

No.	Description	Date
0	ISSUED FOR TENDER	2019-08-12

RINK SLAB	
WESTMOUNT PARK	
GENERAL NOTES, PLAN & SECTION	
Project Number	TPE19-0818
Date	2019-08-12
Drawn By	SRB
Checked By	DDG
Sheet Number	1 of 1
S01	