

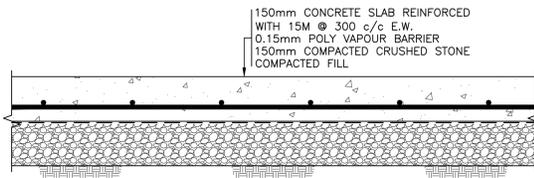
FOUNDATION AND SLAB-ON-GRADE PLAN

SCALE: 1:50

1
S1

- LEGEND:**
- PIER & FOOTING TYPE
 - EST. EL. u/s OF FTG.±
 - C.J. — CONTROL JOINT
 - — NEW FLOOR DRAIN
 - ▨ — EXISTING CONCRETE SLAB TO BE DEMOLISHED TO ACCOMMODATE NEW FLOOR DRAIN. COORDINATE WITH MECHANICAL. REINSTATE SLAB TO MATCH EXISTING SLOPES UNLESS NOTED OTHERWISE. REFER TO DETAIL 3 FOR EXISTING CONSTRUCTION.

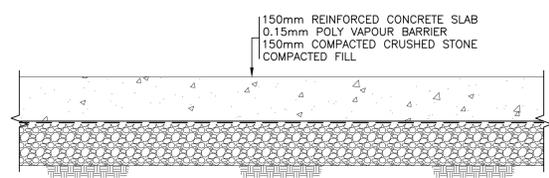
- DRAWING NOTES:**
1. CONTRACTOR TO FORM NEW WALL TO FIT AROUND EXISTING PIER. PROVIDE ISOLATION JOINT TYPICAL AT ALL NEW COLUMNS/PIERS.
 2. DEMOLISH EXISTING SLAB TO ACCOMMODATE NEW DRAINAGE AND RETAINING WALLS. REMOVE EXISTING FLOOR DRAIN AND CAP PIPING BELOW SLAB. REFER TO MECHANICAL. REINSTATE SLAB TO SLOPES SHOWN ON PLAN. REFER TO DETAIL 4 FOR CONSTRUCTION.
- NOTES:**
1. FOR PIER/BASEPLATE DETAILS AND CONCRETE AND FOUNDATION NOTES REFER TO DRAWING S5.
 2. FOR NEW CONCRETE SLAB AREAS BETWEEN GRIDS 5 AND 8, APPLY A LIQUID PENETRATING DENSIFIER AS PER SPECIFICATIONS. ACCEPTABLE PRODUCT SIKAFLOOR 3S OR APPROVED EQUIVALENT. REFER TO ARCHITECTURAL FOR CONCRETE FLOOR TREATMENT IN OTHER AREAS.



TYPICAL NEW SLAB CONSTRUCTION

SCALE: 1:10

4
S1



TYPICAL EXISTING SLAB CONSTRUCTION

SCALE: 1:10

3
S1

PIER SCHEDULE			
PIER TYPE	DIMENSIONS	VERTICAL REINFORCING	TOP ELEVATION
P1	450 x 600	8 - 20M BARS	29.35m
P2	450 x 600	8 - 20M BARS	28.95m
P3	450 x 450	4 - 20M BARS	28.95m
P4	450 x 450	4 - 20M BARS	29.35m
P5	450 x 450	4 - 20M BARS	29.35m
P6	450 x 450	4 - 20M BARS	29.35m

NOTE: PROVIDE 10M STIRRUPS @ 300mm c/c IN ALL CONCRETE PIERS U/N OTHERWISE

FOOTING SCHEDULE		
FOOTING TYPE	DIMENSIONS	REINFORCING
F1	1500 x 1500 x 350	7 - 20M BARS E.W.
F2	900 x 900 x 250	3 - 15M BARS E.W.
F3	900 x 900 x 250	3 - 15M BARS E.W.

NOTE: FOR FOOTING TYPES F1 AND F2 REFER TO DETAILS ON DRAWING S5

PIER AND FOOTING SCHEDULES

2
S1



PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
CLASS "A"
This Permit Allows
SNC-LAVALIN Inc.
To practice Professional Engineering
in Newfoundland and Labrador.
Permit No. as issued by PEONL N0458
which is valid for the year 2019.
ENGINEER IN RESPONSIBLE CHARGE
07281

revisions	date
CO3	RE-ISSUED FOR TENDER
CO2	RE-ISSUED FOR TENDER
CO1	ISSUED FOR TENDER

**MAINTENANCE GARAGE
REHABILITATION
ST. ANTHONY AIRPORT**

**FOUNDATION AND
SLAB ON GRADE PLAN**

date	description	by	checked
2017.05.29	design	J.V.	K.S.
2017.05.29	approved	K.S.	
2017.05.29	approved		
2017.05.29	approved		
2017.05.29	approved		

Project Manager: Administrateur de projets TPSCG
R.077269.001
 drawing no. no. du dessin
S1