

FOUNDATION AND SLAB-ON-GRADE PLAN 1 S1

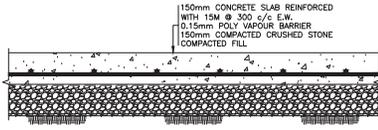
SCALE: 1:50

LEGEND:
 P/F1 EL. 24.34m
 P/F2 EL. 26.90m
 PIER & FOOTING TYPE
 EST. EL. 1/4 OF FIG.

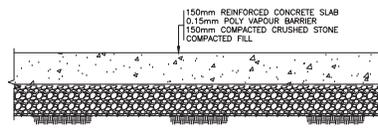
C.J. - CONTROL JOINT
 ● - NEW FLOOR DRAIN

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 SKAFLOOR 35 OR APPROVED EQUIVALENT. REFER TO ARCHITECTURAL FOR CONCRETE TREATMENT IN OTHER AREAS.



TYPICAL NEW SLAB CONSTRUCTION 4 S1
 SCALE: 1:10



TYPICAL EXISTING SLAB CONSTRUCTION 3 S1
 SCALE: 1:10

PIER SCHEDULE			
PIER TYPE	DIMENSIONS	VERTICAL REINFORCING	TOP ELEVATION
F1	450 x 600	8 - 20M BARS	26.35m
P1	450 x 600	8 - 20M BARS	26.35m
F2	450 x 450	4 - 20M BARS	26.35m
P2	450 x 450	4 - 20M BARS	26.35m
P3	450 x 450	4 - 20M BARS	26.35m
P4	450 x 450	4 - 20M BARS	26.35m
P5	450 x 450	4 - 20M BARS	26.35m
P6	450 x 450	4 - 20M BARS	26.35m

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 250	7 - 20M BARS S.W.
F2	900 x 900 x 250	3 - 15M BARS S.W.
F3	900 x 900 x 250	3 - 15M BARS S.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 19904-30486 which is valid for the year 2018.
 ENGINEER IN RESPONSIBLE CHARGE (0725)

revision	description	date
C03	RE-ISSUED FOR TENDER	16/02/2019
C02	RE-ISSUED FOR TENDER	02/14/2019
C01	ISSUED FOR TENDER	09/20/2018

revision	description	date
C03	RE-ISSUED FOR TENDER	16/02/2019
C02	RE-ISSUED FOR TENDER	02/14/2019
C01	ISSUED FOR TENDER	09/20/2018

MAINTENANCE GARAGE REHABILITATION ST. ANTHONY AIRPORT

FOUNDATION AND SLAB ON GRADE PLAN

designed	S.G.	comp
date	2017.05.29	
drawn	J.V.	desdnt
date	2017.05.29	
checked	K.S.	approv
date	2017.05.29	
title	Foundation and Slab on Grade Plan	
project number	R.077269.001	
revision	no. de dessin	