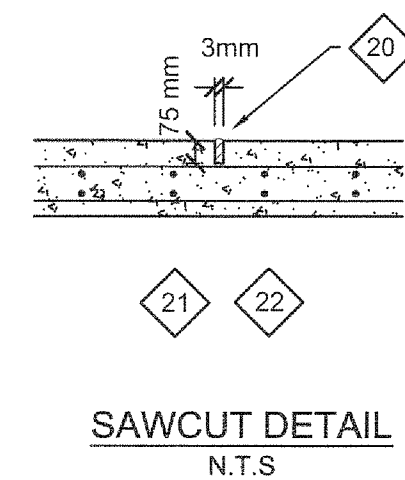
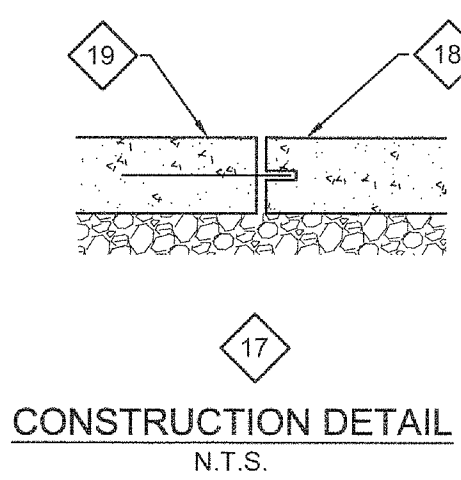
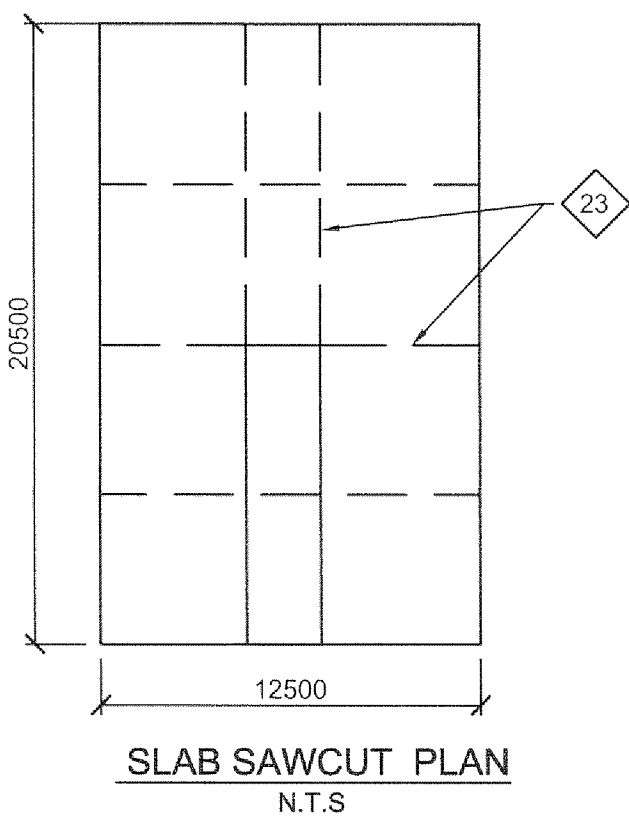


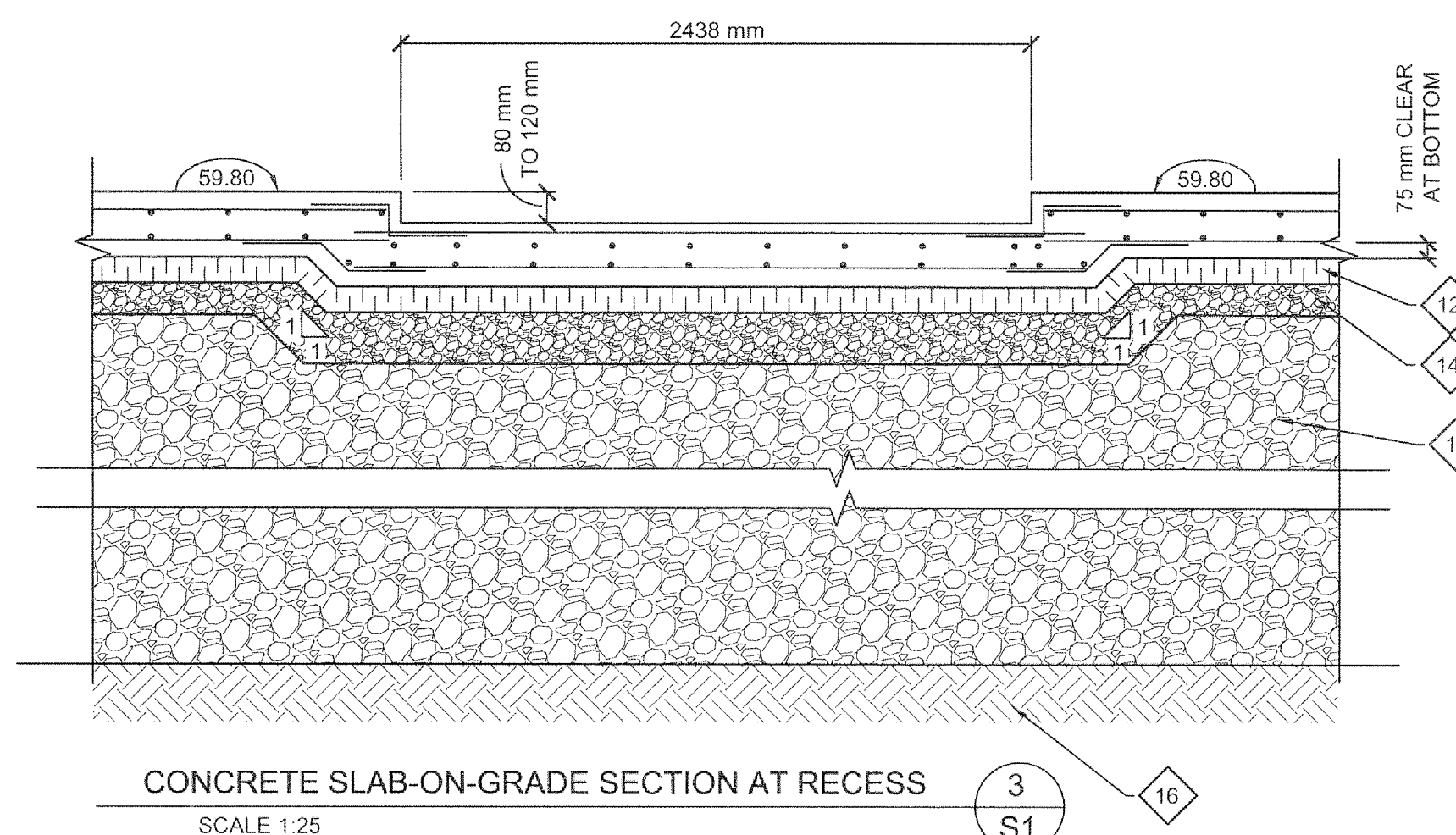
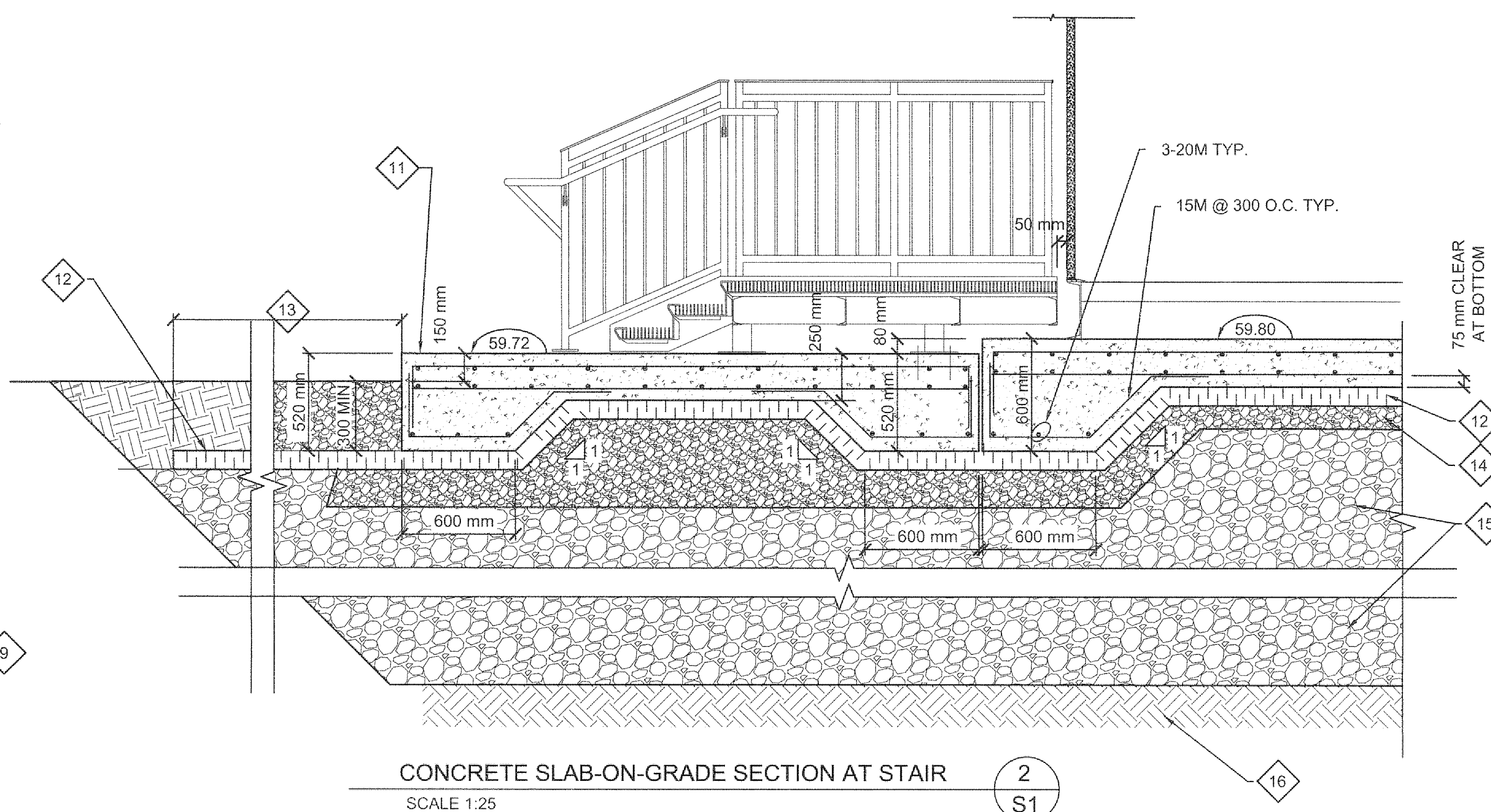
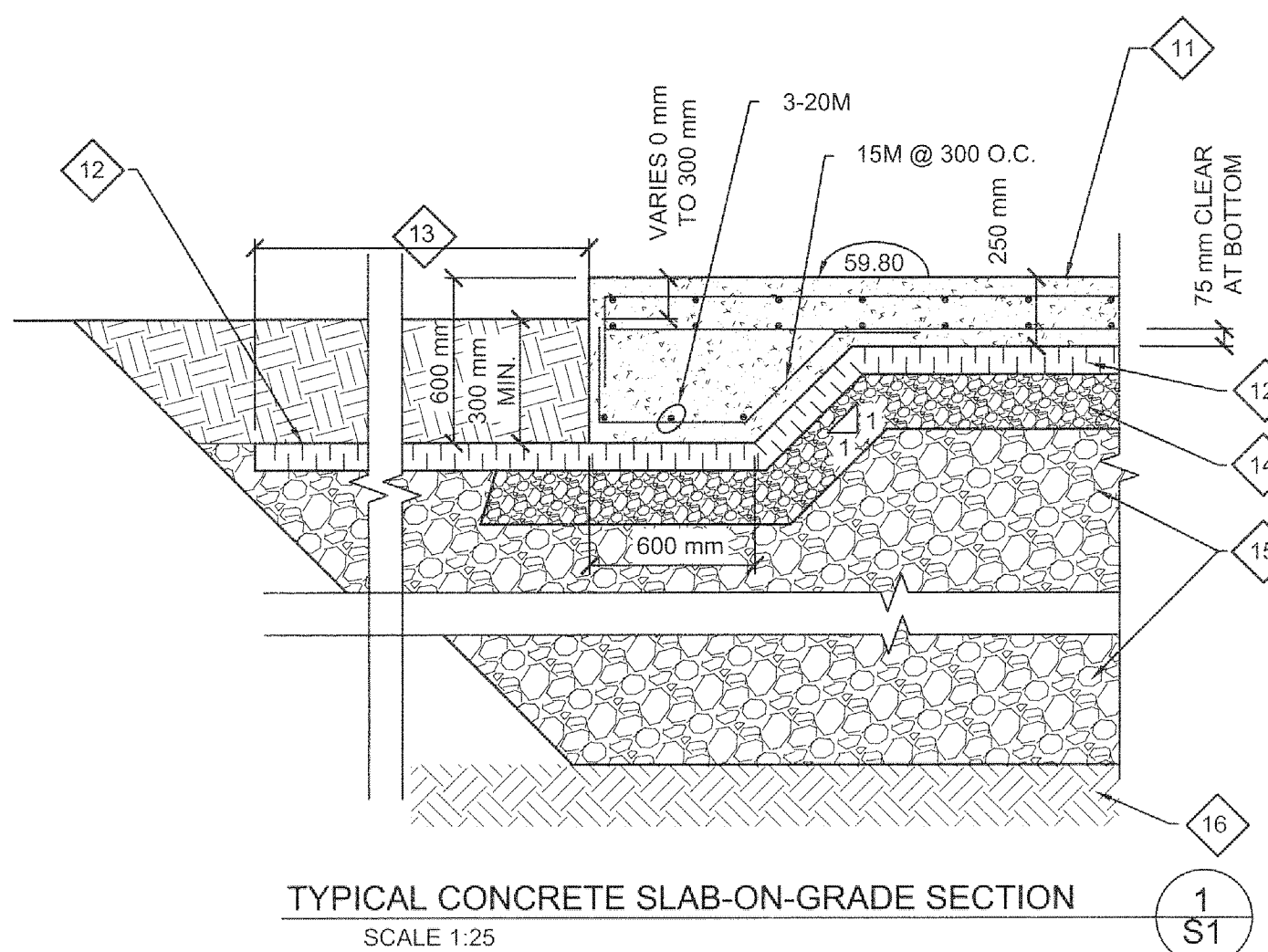
NOTES:

- LOCATE ALL BURIED SERVICES PRIOR TO EXCAVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING, SHORING AND DEWATERING NECESSARY TO UNDERTAKE THE WORK.
- PROTECT SLAB-ON-GRADE AND ADJACENT SOIL AGAINST FREEZING, FROST ACTION AND WATER INFILTRATION AT ALL TIMES DURING CONSTRUCTION.
- CONCRETE PAD DESIGNED FOR A FACTORED GEOTECHNICAL RESISTANCE AT ULTIMATE LIMIT STATES (ULS) OF 375 kPa AND A BEARING RESISTANCE AT SERVICEABILITY LIMIT STATE (SLS) OF 150 kPa. SOILS ENGINEER TO EXAMINE BEARING SURFACES PRIOR TO PLACING STRUCTURAL FILL AND CONCRETE SLAB. REFER TO SOIL REPORT NO. 1224108653 PREPARED BY STANTEC CONSULTING LTD. AND DATED OCTOBER 2012.
- GEOTECHNICAL ENGINEER TO APPROVE SUBGRADE PRIOR TO PLACEMENT OF GRANULAR MATERIAL.
- CONCRETE SLAB TO HAVE BROOM FINISH.
- FOUR EXISTING OPENINGS TO BE INFILLED WITH CONC. BLOCK TO MATCH EXISTING. DRILL AND GROUT 1-10M BAR 900 mm LONG, 300 mm INTO HORIZONTAL JOINTS OF BLOCK WORK @ 400 O.C. AT SIDES OF OPENING. DRILL AND GROUT TWO BLOCK CORES WITH A VERTICAL 10M BAR 900 mm LONG, 300 mm INTO THE BLOCK CORE AT BASE OF EXISTING OPENING.
- 250 mm CONCRETE SLAB C/W 15M @ 300 mm O.C., E.W. 2 MATS OF STEEL REINFORCEMENT, TOP AND BOTTOM.
- 100 mm RIGID LOAD BEARING INSULATION
- EXTEND RIGID INSULATION 1.8 m BEYOND FACE OF CONCRETE SLAB TYP.
- 200 mm GRANULAR 'A' - COMPACTED TO 100% SPMD
- STRUCTURAL FILL, GRANULAR 'B' TYPE II PLACED IN LIFTS NO THICKER THAN 300 mm AND COMPACTED TO 100% SPMD
- NATIVE TILL
- NOTE: DRILL 150mm DEEP HOLES INTO FIRST POUR SLAB-ON-GRADE AT MID DEPTH. FOR 15M DOWELS 750mm LONG @ 500 C.C. SECURE DOWEL IN HOLE USING HILTI HY150 ADHESIVE. ONLY FOR USE IN CONSTRUCTION JOINTS IN MAIN SLAB.
- FIRST POUR SLAB ON GRADE.
- SECOND POUR SLAB ON GRADE.
- SAWCUT c/w APPROVED ELASTOMETRIC SEALANT.
- NOTE: LAYOUT OF SAWCUTS SHALL BE AS SHOWN ON SAWCUT PATTERN PLAN VIEW. AREAS WITHIN SAWCUTS TO BE APPROXIMATELY SQUARE WITH LONG SIDE NO MORE THAN 1-1.5 TIMES THE LENGTH OF THE SHORT SIDE.
- SAWCUT WITHIN 24HR MAXIMUM PLACEMENT.
- SAWCUT SLAB WHERE SHOWN. SEE DETAIL BELOW



SITE PLAN

SCALE 1:250



Public Works and Government services Canada

Travaux publics et Services gouvernementaux Canada

National Centre of Expertise
Architectural and Engineering Services
Real Property Services Branch

Centre d'expertise national
Services d'architecture et de génie
Direction générale des biens immobiliers

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Project No. OTT-00205586-A0

BUILDINGS • EARTH & ENVIRONMENT • ENERGY
INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY

revision	description	date
00	ISSUED FOR TENDER	FEB. 28, 2013

A
C

A detail no.
B location drawing no.
C drawing no.

A
B
C

project

GOVERNMENT OF CANADA
TURBINE REPLACEMENT

project

drawing

dessin

designed
date

K.A. BAKER

conçu

drawn
date

M. NUGENT

dessiné

revised
date

K.A. BAKER

révisé

approved
date

K.A. BAKER

approuvé

Tender
PWC Project Manager

C. CAMPBELL
Administrateur de projet

Sauvmission

project no.
R.055763.002

n° du projet

drawing no.
S1

n° du dessin

OF

2