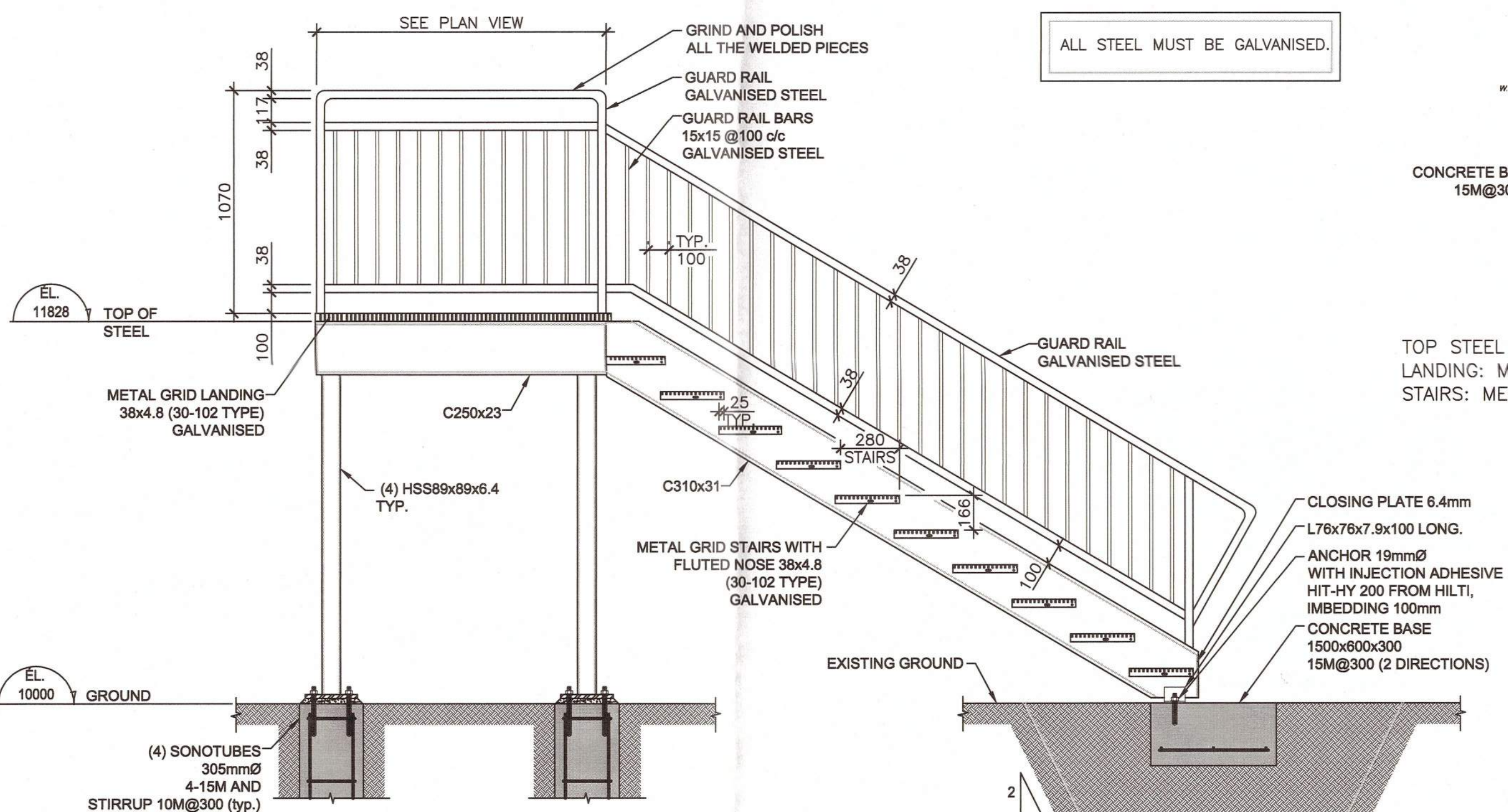


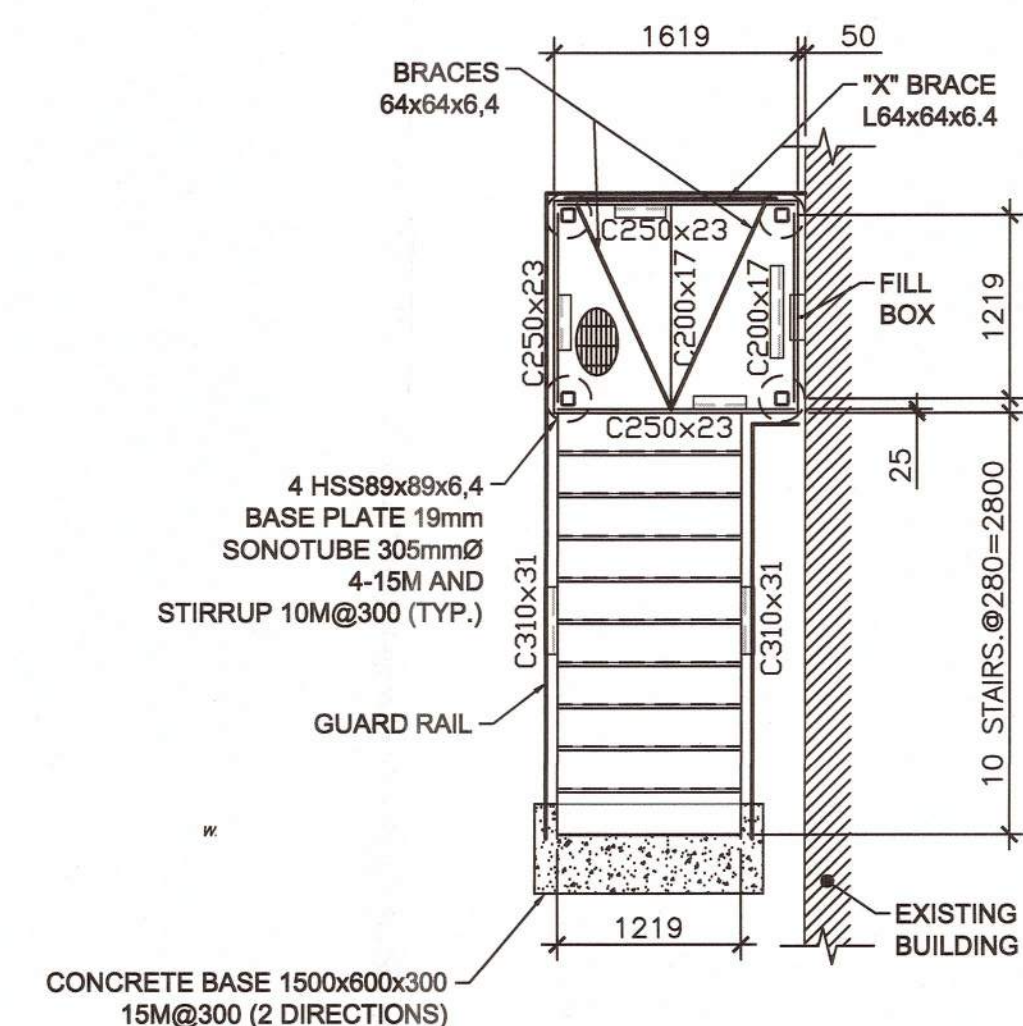
1 PLAN VIEW FOR ROOM 101  
SCALE: NONE

**NOTE:**  
-ALL LEVELS ON THE PLAN AND DIMENSIONS BETWEEN THE WALL AND THE ROOF LEVEL MUST BE VALIDATED ON CONSTRUCTION SITE BEFORE FABRICATION.  
-ALL STEEL MUST BE HOT-DIPPED GALVANISED.  
-THE CONTRACTOR MUST TAKE ALL THE PRECAUTIONS NEEDED TO PROTECT THE EXISTING STRUCTURE AND UNDERGROUND WORKS.  
-THE PLATFORM MUST BE POSITIONED NEXT TO THE FILL BOX.



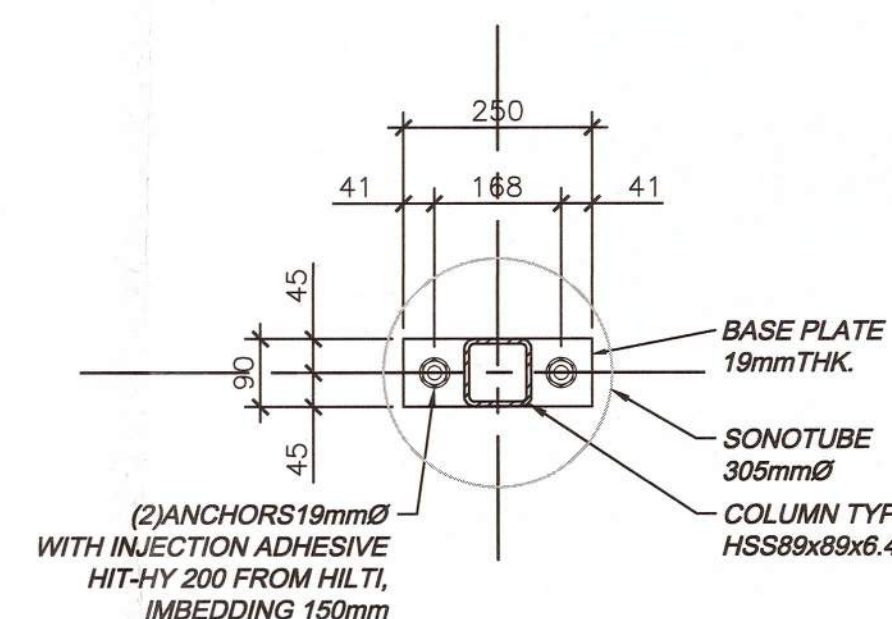
GUARD RAIL DETAIL  
SCALE: 1:20

3 FILL BOX PLATFORM AND STAIR  
SCALE: NONE



PLATFORM: FUEL STORAGE TANK  
SCALE: 1:50

TOP STEEL EL.: ±1828  
LANDING: METAL GRID FLOOR 38x3.2 (TYPE 30-102), GALVANISED  
STAIRS: METAL GRID 38x4.8 (TYPE 30-102), GALVANISED



BASE PLATE-TYPICAL DETAIL  
SCALE: 1:10

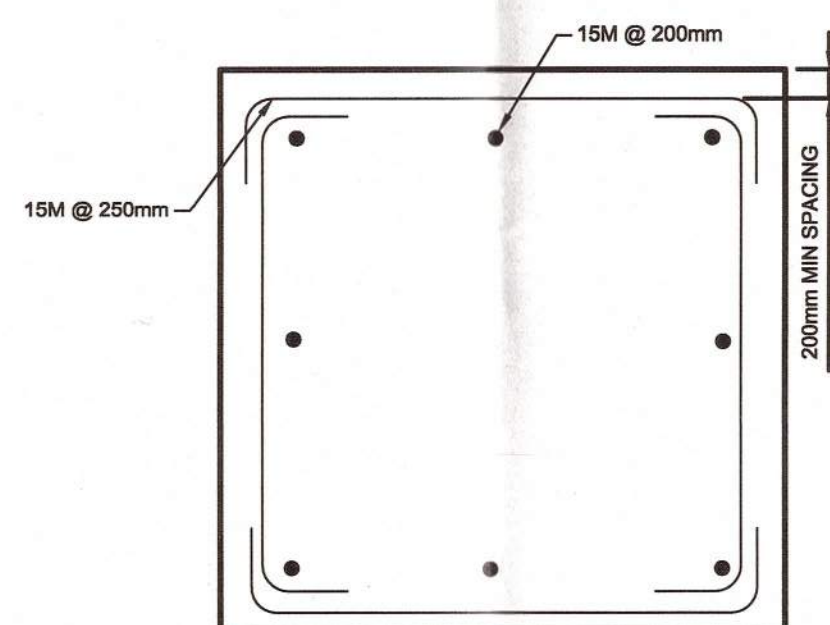
**NOTES**

**REINFORCEMENT:**

- REINFORCEMENT STEEL SHALL CONFORM TO CSA STANDARD G30.18-09 GRADE Fy= 400 MPa.
- UNLESS OTHERWISE INDICATED ON THE DRAWINGS, THE REINFORCEMENT BARS SHALL BE INSTALLED AT THE FOLLOWING SPECIFIC DISTANCES FROM THE SURFACE OF THE CONCRETE.

**CAST-IN-PLACE CONCRETE :**

- ALL CONCRETE & REINFORCEMENT WORK SHALL CONFORM TO CAN/CSA3-A23.1-09.
- THE CONCRETE SHALL MEET THE FOLLOWING REQUIREMENTS : Fc AT 28 DAYS= 30MPa, MAX AGGREGATE IS 20mm, SLUMP 80mm(± 30mm) AND AIR CONTENT IS 4 - 7%.



2 REINFORCING DETAIL FOR SUMP PIT  
SCALE: NONE

### DRAWING NOTES

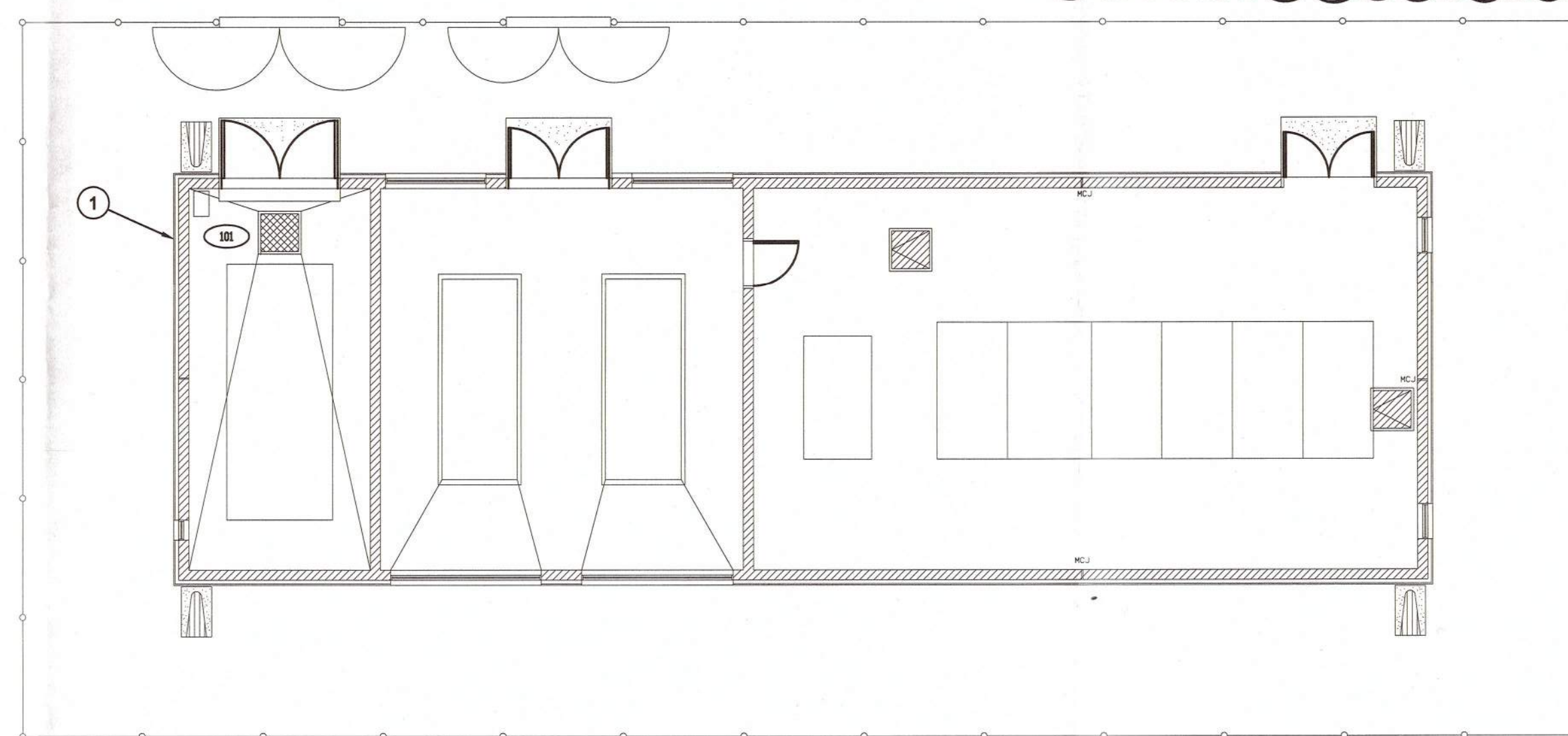
1 REFER TO DRAWING S2, DETAIL 1 FOR LOCATION OF SUMP PIT.

### GENERAL NOTES

- SUMP PIT IS TO BE INFILLED WITH REINFORCED CONCRETE PRIOR TO THE INSTALLATION OF TANK ST-1. COORDINATE PHASING WITH MECHANICAL.
- EXISTING FLOOR DRAIN IN SUMP PIT IS TO BE REMOVED AND SEALED BY MECHANICAL PRIOR TO INFILL. COORDINATE WITH MECHANICAL.

### DRAWING NOTES

1 INSTALL NEW PLATFORM AND STAIR ON WALL TO PROVIDE ACCESS TO NEW FILL BOX INSTALLED BY DIVISION 23. COORDINATE PLATFORM AND STAIR LOCATION WITH DIVISION 23 SUCH THAT LADDER PROVIDES EASY ACCESS TO FILL BOX FOR USERS.



4 NEW PLATFORM AND STAIR INSTALL LOCATION  
SCALE: NONE

### CORRECTIONAL SERVICE CANADA

BOWDEN INSTITUTION  
INNISFAIL, ALBERTA

Project title

### ELECTRICAL SUBSTATION SECONDARY TANK COMPLIANCE

Designed by  
G. ALFY SAMY

Drawn by  
P. BOURGEOIS

Approved by  
G. LYNCH

PWGS Project Manager  
S. PHYERS

Drawing title

### SUMP PIT & HOUSEKEEPING PAD STRUCTURAL REINFORCING & FILL BOX LADDER DETAILS

Project no./No. du projet

Drawing no./No. du dessin

Revision no.

R.072042.001

S2

01