

NOTE:  
DIMENSIONS TO WORK AREA CENTERS ARE FROM  
FACE OF EXISTING WALL. VERIFY LOCATION ON SITE.

**1 BASEMENT PLAN**  
S101 SCALE: 1:100

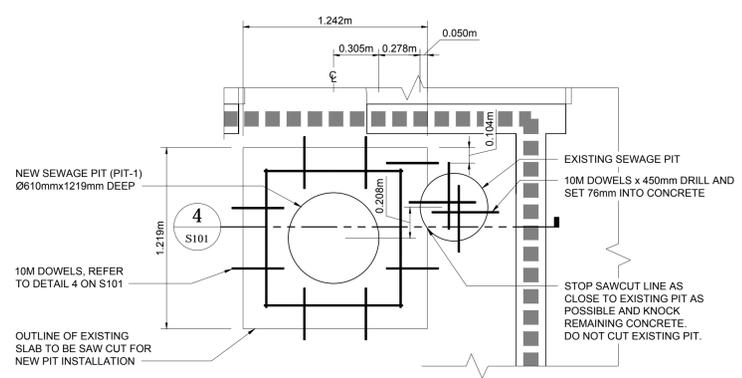
LINE TYPES LEGEND		
ITEM	SYMBOL	REMARKS
FIRE RATED WALLS	[Symbol]	1 HOUR, EXISTING

**SEWER PIT CONSTRUCTION NOTES:**

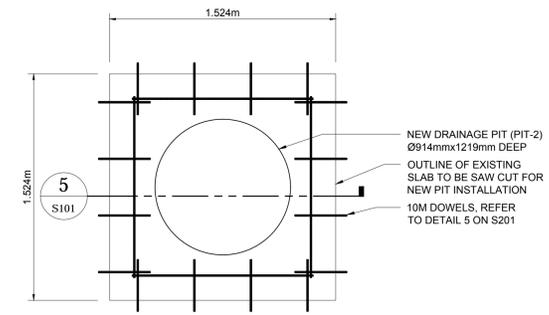
1. SAW CUT 1219mmx1242mm SECTION OF CONCRETE SLAB ADJACENT TO EXISTING SEWAGE PIT, AS SHOWN.
2. REMOVE AND DISPOSE OF CUT CONCRETE AND FILL BENEATH, TO A DEPTH OF 1372mm BELOW FINISHED FLOOR.
3. INSTALL SAND BEDDING IN HOLE FOR SEWAGE PIT BASE, MINIMUM 152mm DEPTH.
4. REFER TO MECHANICAL FOR SEWAGE PIT AND PLUMBING INSTALLATION. INSTALL PIT ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
5. BACKFILL WITH SAND AROUND INSTALLED SEWAGE PIT TO 190mm BELOW FINISHED FLOOR LEVEL. IF FILL BENEATH EXISTING SLAB CAVES, ADJUST BACKFILL DEPTH TO ENSURE MINIMUM 102mm CONCRETE POUR DEPTH BELOW UNDERSIDE OF EXISTING SLAB.
6. INSTALL REBAR AS SHOWN.
7. POUR CONCRETE AROUND NEW PIT FLUSH WITH EXISTING FLOOR SURFACE.
8. FILL ALL OVERCUTS IN SLAB WITH GROUT, FLUSH WITH EXISTING FLOOR SURFACE.
9. FILL EXISTING PIT WITH SAND AND TOP WITH CONCRETE AFTER MECH/ELEC WORK IS COMPLETED, FLUSH WITH EXISTING FLOOR SURFACE. DOWEL POSITIONS SHOWN FOR REFERENCE ONLY. COORDINATE WITH PLUMBING PRIOR TO INSTALLATION. DOWELS MAY BE BENT TO ACCOMMODATE PIPES.

**DRAINAGE PIT CONSTRUCTION NOTES:**

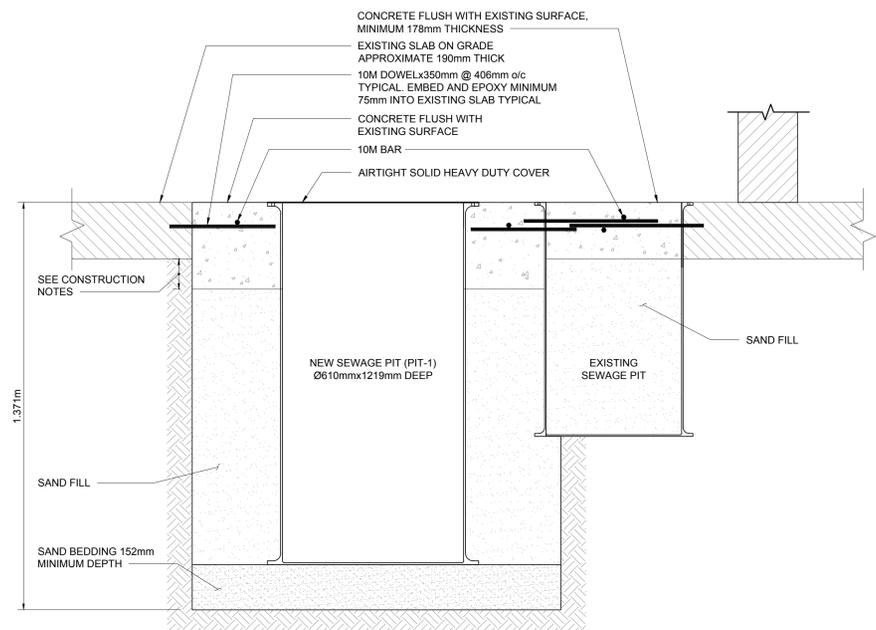
1. SAW CUT 1524mmx1524mm SECTION OF CONCRETE SLAB AS SHOWN.
2. REMOVE AND DISPOSE OF CUT CONCRETE AND FILL BENEATH, TO A DEPTH OF 1372mm BELOW FINISHED FLOOR.
3. INSTALL SAND BEDDING IN HOLE FOR DRAINAGE PIT BASE, MINIMUM 152mm DEPTH.
4. INSTALL PIT ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
5. BACKFILL WITH SAND AROUND PIT TO 190mm BELOW FINISHED FLOOR LEVEL. IF FILL BENEATH EXISTING SLAB CAVES, JUST BACKFILL DEPTH TO ENSURE MINIMUM 102mm CONCRETE POUR DEPTH BELOW UNDERSIDE OF EXISTING SLAB.
6. INSTALL REBAR AS SHOWN.
7. POUR CONCRETE AROUND PIT FLUSH WITH EXISTING FLOOR SURFACE.
8. FILL ALL OVERCUTS IN SLAB WITH GROUT, FLUSH WITH EXISTING FLOOR SURFACE.



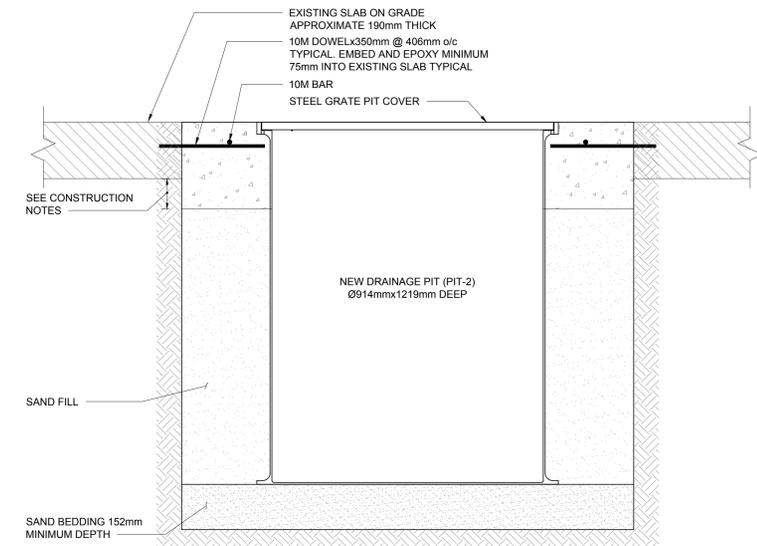
**2 SEWER PIT INSTALLATION PLAN**  
S101 SCALE: 1:20



**3 NEW DRAINAGE PIT INSTALLATION DETAIL**  
S101 SCALE: 1:20



**4 SEWER PIT INSTALLATION DETAIL**  
S101 SCALE: 1:10



**5 DRAINAGE PIT INSTALLATION DETAIL**  
S101 SCALE: 1:10



Revision	Description	Date
5		
4		
3	ISSUED FOR TENDER (STAMPED)	2018/05/31
2	ISSUED FOR TENDER	2018/03/29
1	90% DESIGN SUBMISSION	2018/02/21
0	50% DESIGN SUBMISSION	2017/11/23

Client: **PUBLIC WORKS & GOVERNMENT SERVICES**  
100-167 LOMARD AVENUE  
WINNIPEG, MB. R3B 0T6

Project: **CORRECTIONAL SERVICE CANADA  
STONY MOUNTAIN INSTITUTION  
STONY MOUNTAIN, MB  
NAB STORM DRAINAGE**

Designed by: MAH  
Drawn by: JF  
Approved by: RLG  
PWGSC Project Manager: TIM LODGE

Drawing Title: **BASEMENT PLAN - STRUCTURAL PLAN**