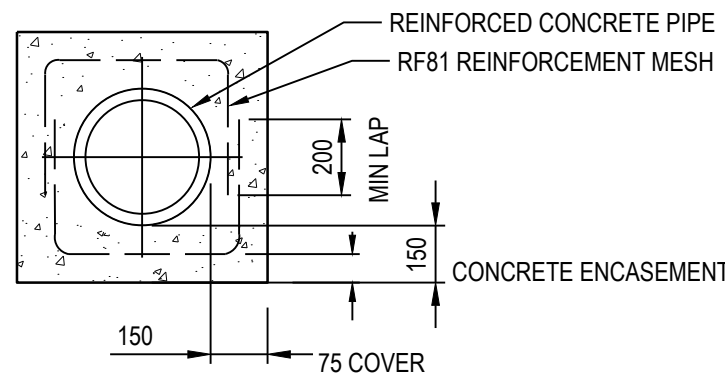
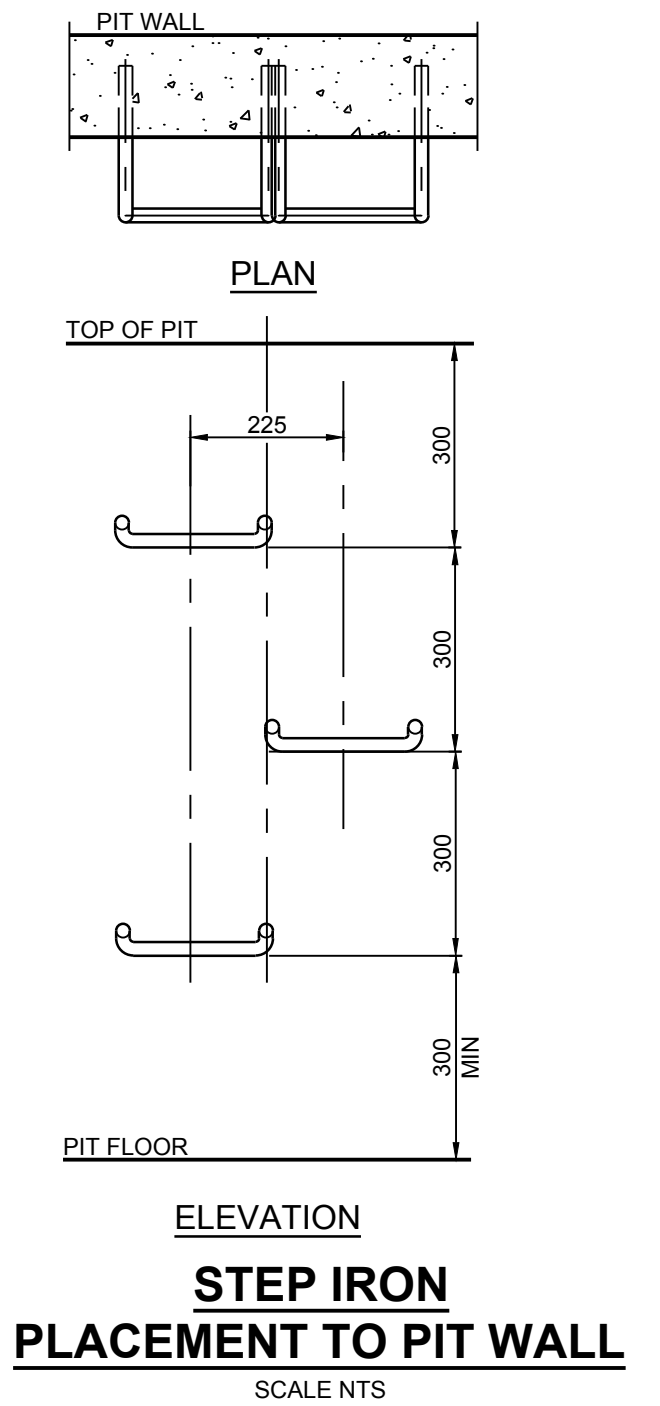
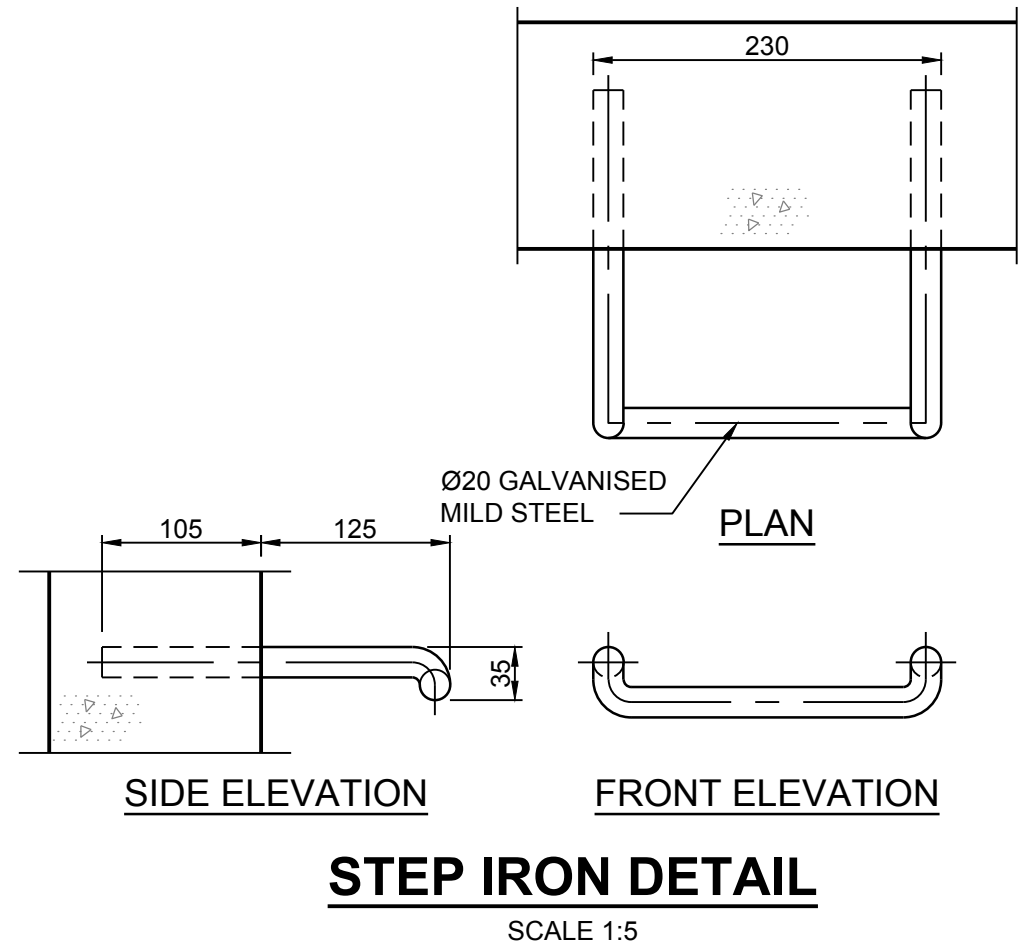
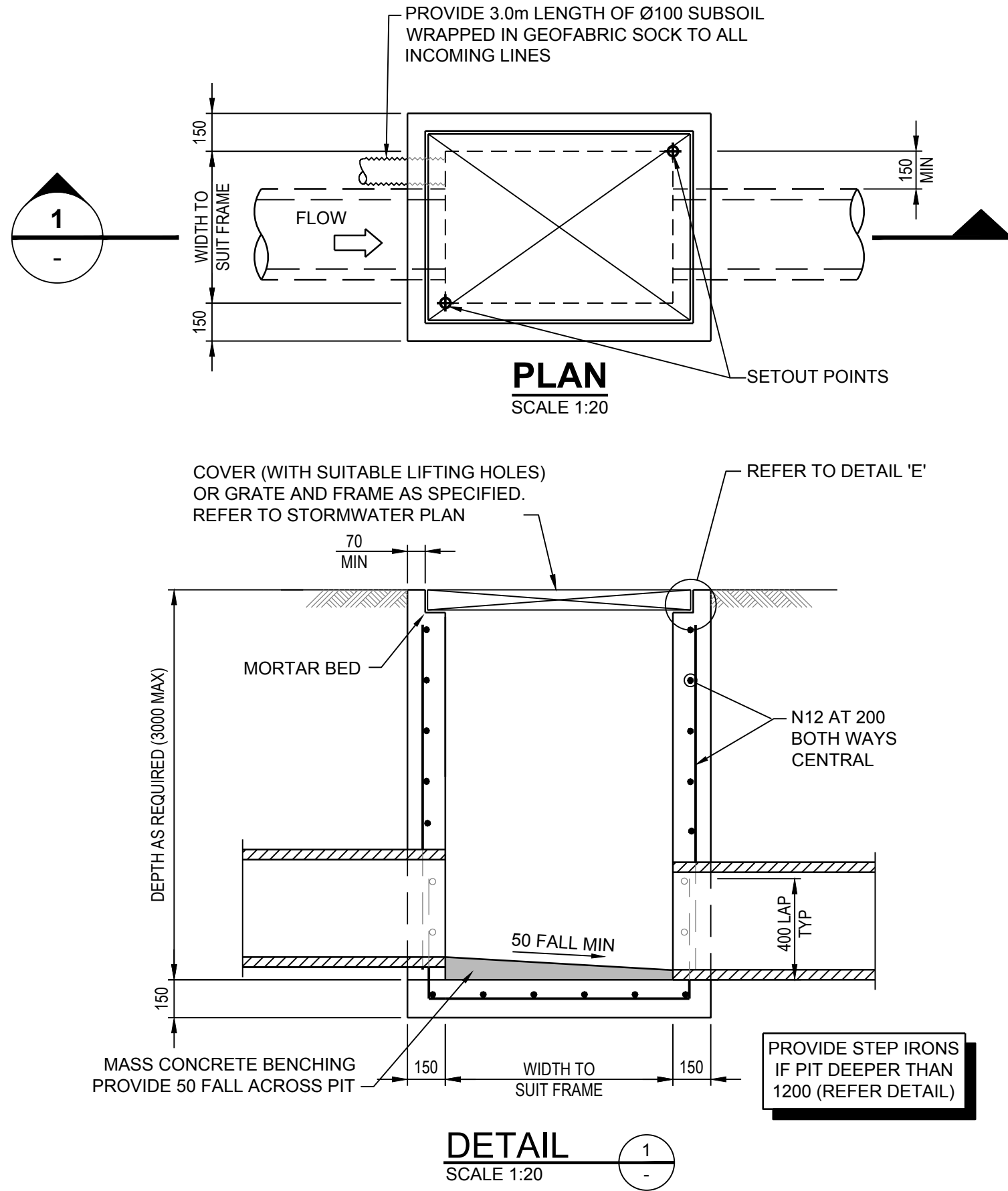


GENERAL AREAS  
**TYPICAL PIPE TRENCH**  
NOT TO SCALE

**NOTES:**

1. TRENCH WIDTH MAY NEED TO BE INCREASED SUBJECT TO ACHIEVING ADEQUATE COMPACTION.
2. MINIMUM PIPE COVER NOT UNDER ROADS = 300mm UNO.
3. THE CONTRACTOR SHALL ENSURE THAT THE SHORING OF TRENCHES IS INSTALLED AS REQUIRED BY STATUTORY REQUIREMENTS.
4. ENSURE BACKFILLING COMPACTION MEETS THE FOLLOWING STANDARDS;  
A) TRENCHES UNDER PAVED AREAS & BUILDINGS - 100% SMDD.  
B) TRENCHES NOT UNDER PAVEMENTS - 90% SMDD.



**REINFORCED CONCRETE  
ENCASEMENT DETAIL**  
SCALE 1:20

DO NOT SCALE FROM  
DRAWINGS, CHECK &  
VERIFY ALL DIMENSIONS  
& LEVELS BEFORE  
COMMENCEMENT OF  
ANY WORK.

THIS DRAWING IS NOT  
TO BE COPIED IN PART  
OR WHOLE WITHOUT  
WRITTEN PERMISSION  
FROM WARREN SMITH  
AND PARTNERS.

ISSUE	AMENDMENT	DATE	ISSUE	AMENDMENT	DATE
A	PRELIMINARY ISSUE	09/05/16			

CLIENT

**DEXUS**  
PROPERTY GROUP

PROJECT

**NORTH SHORE PRIVATE  
HOSPITAL**

**Warren  
Smith &  
Partners**

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**CONSULTING ENGINEERS**

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- Fire Protection
- Civil Engineering
- Sydney Water Accredited Water Servicing Co-ordinator
- Design Project Management - Building Plan Approvals

**SERVING THE CONSTRUCTION INDUSTRY SINCE 1981.**

TITLE				
STORMWATER DRAINAGE DETAILS				
SCALE	DRAWN	DESIGNED	CHECKED	APPROVED
AS SHOWN	P.G	L.S	L.S.	M.C.
JOB No.		DRAWING No.	ISSUE	
5320001		C4.02	A	
DATE	STATUS			
09/05/2016	DEVELOPMENT APPLICATION			