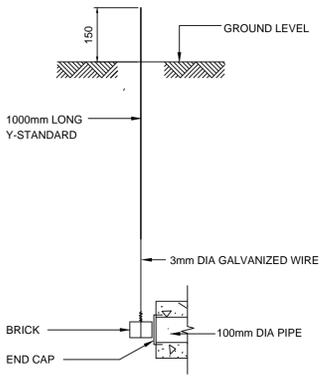
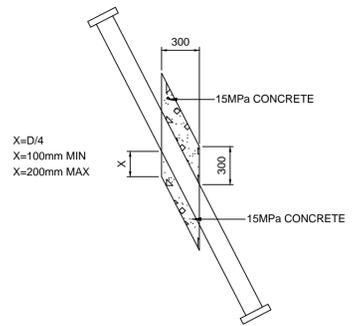


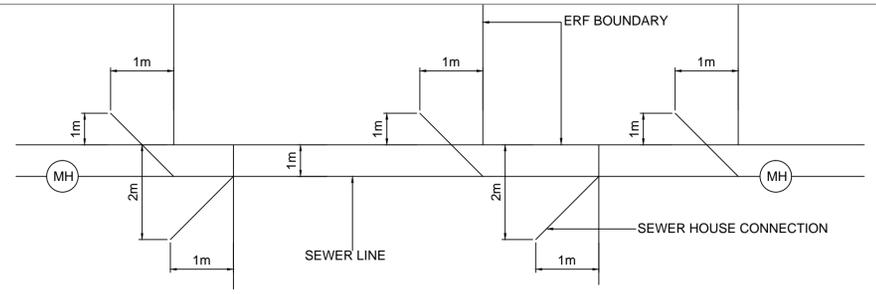
MARKER BLOCK TO SHOW POSITION OF HOUSE CONNECTION



SECTION
N.T.S.

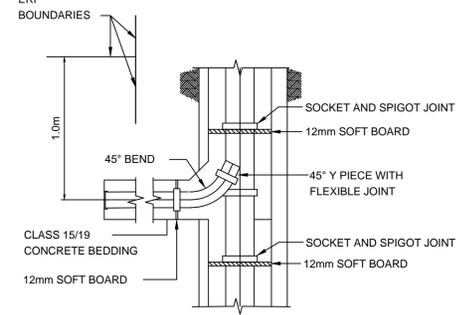


CLASS "B" ANCHOR BLOCK
(TO BE UTILIZED FOR SLOPES STEEPER THAN 1:15)

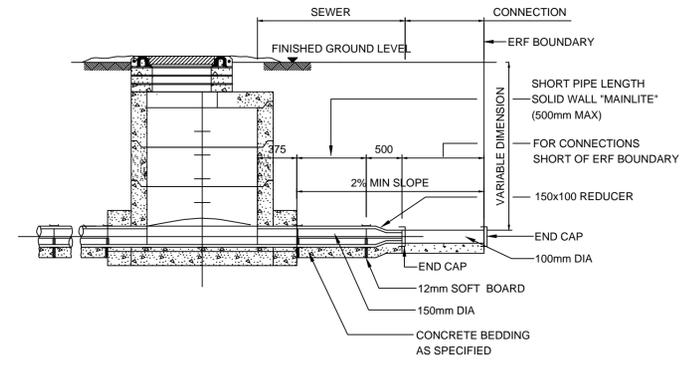


ERF CONNECTION POSITIONS
N.T.S.

ERF CONNECTION TYPE 2

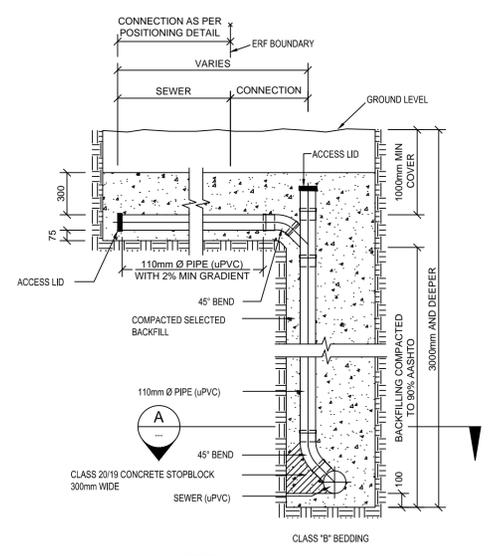


PLAN
N.T.S.

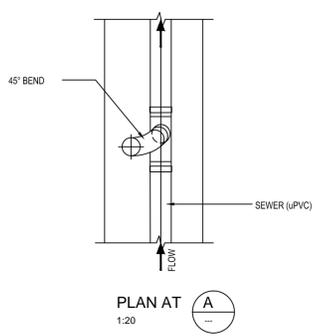


DETAIL OF ERF CONNECTION INTO MANHOLE
N.T.S.

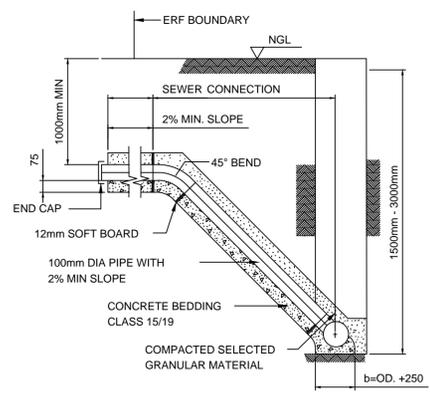
HOUSE CONNECTION TYPE 1
(SEE NOTE a)



SECTION

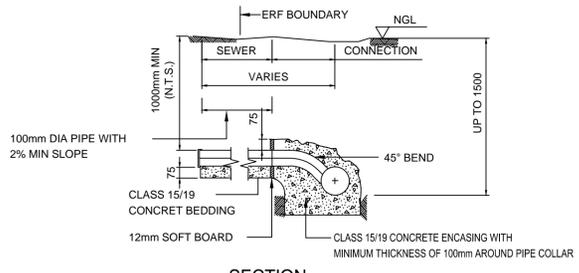


PLAN AT
1:20

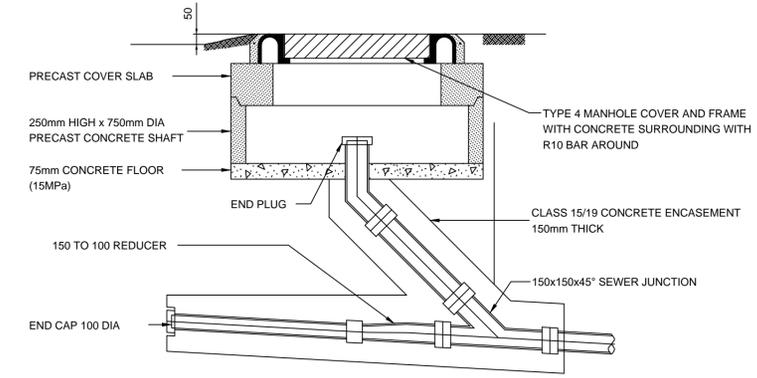


SECTION ELEVATION
N.T.S.

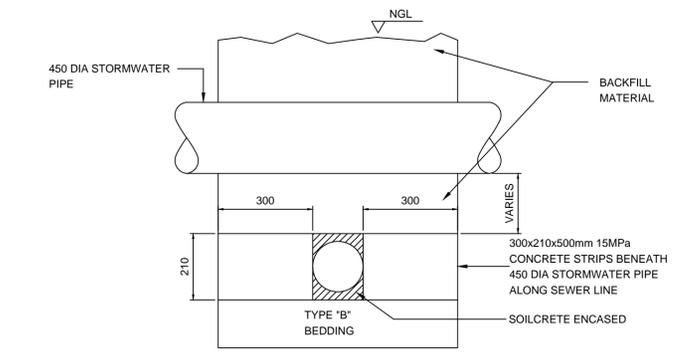
ERF CONNECTION TYPE 3
(REFER TO GENERAL NOTE C)



SECTION
N.T.S.



CLEANING EYE DETAIL
N.T.S.



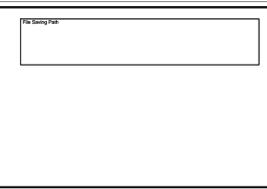
SOILCRETE ENCASED DETAIL

- GENERAL**
1. ALL MATERIAL AND WORKMANSHIP MUST COMPLY WITH THE REQUIREMENTS OF THE LATEST RELEVANT STANDARDS.
 2. ALL DIMENSIONS ARE IN MILLIMETERS (UNLESS OTHERWISE SPECIFIED).
 3. ALL DIMENSIONS MUST BE CHECKED AND APPROVED ON SITE.
 4. ALL CONSTRUCTION TO BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATION FOR MUNICIPAL CIVIL ENGINEERING WORKS, SECOND EDITION 1994.
 5. THESE DRAWINGS MUST BE READ IN CONJUNCTION WITH THE SPECIFICATIONS.
 6. CO-ORDINATES ARE BASED ON W.G.S 48 SYSTEM.
- SEWER**
1. ALL SEWERS PIPELINES MUST BE MANCORE (UPVC) CLASS 400.
 2. PIPE BEDDING TO BE CLASS B BEDDING UNLESS OTHERWISE SPECIFIED.
 3. ALL EXCAVATIONS AND BEDDING MUST BE INSPECTED BY ENGINEER BEFORE LAYING OF PIPES.
 4. ALL BEDDING SHALL BE OF AN APPROVED SELECTED GRAVEL MATERIAL WITH A P.H. NOT EXCEEDING 6 AND SHALL BE COMPACTED TO 95% MOD AASHTO DENSITY STATED BY THE ENGINEER ON.

REV	DATE	AMENDMENT	DONE BY:
A	AUG 23	FOR INFORMATION	BNH

Drawing Cross References:	
Discipline	Drawing No.
(Architectural)	(N/A)
(Mechanical)	(N/A)
(Electrical)	(N/A)

Drawing Cross References:	
Discipline	Drawing No.
(Structural)	(N/A)
(Civil Eng.)	(N/A)
(etc.)	(N/A)



NOTES:

1. THE SURVEY WAS CARRIED OUT USING WGS84 SURVEY SYSTEM

A1

NOTES:

1. Measured dimensions to take preference over scaled dimensions.
2. All levels and dimensions to be checked on site before commencing works.
3. Any discrepancies to be reported to the Engineer.
4. All materials and samples to be approved by the Engineer.



ENGINEERING CIVIL

570 MORELETA STREET
SILVERTON
0184

FOR INFORMATION PURPOSES

RESPONSIBLE PERSONS NAME AND REGISTRATION NO.

SIGNATURE _____ DATE _____

CIVIL ENGINEERING

Client Project Number

SEWER DETAIL DRAWING (3)

Client drawing Number

KGOTSONG/BOTHAVILLE: UPGRADE OF SEWER OUTFALL PHASE 3

N.T.S.

AUG 23

NLM-2022-D-03