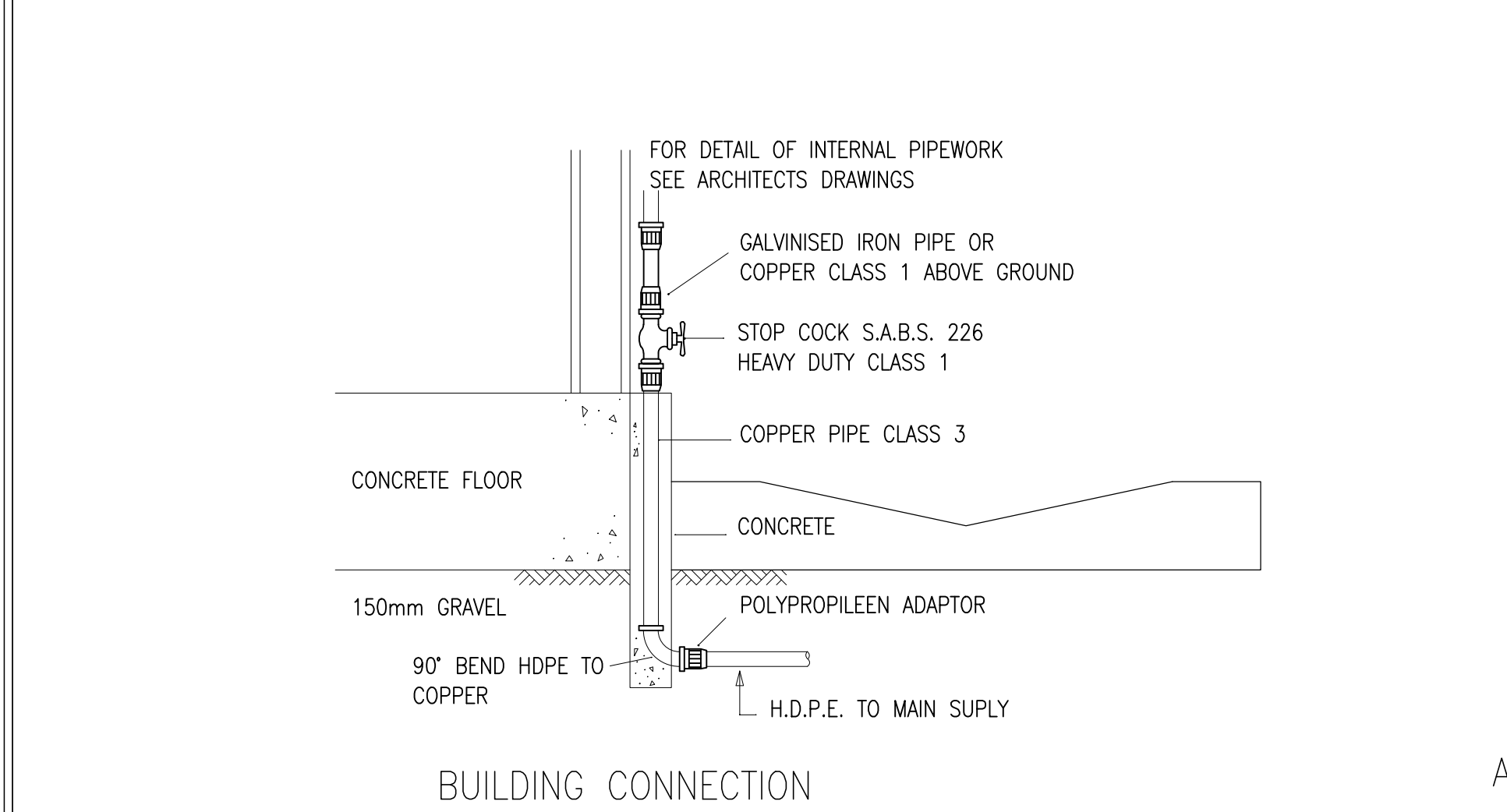
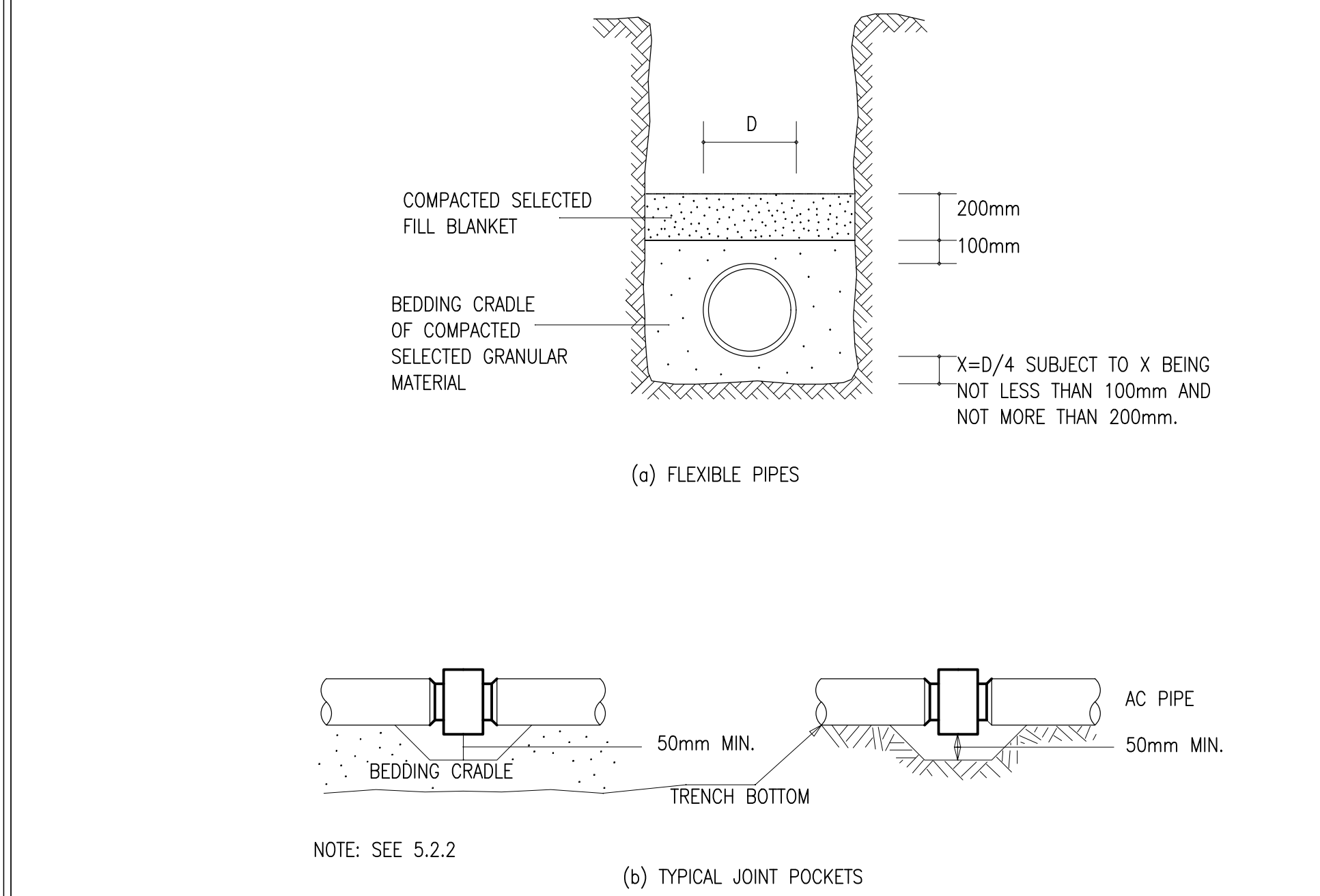


DRAWING LB - 4 - MEASUREMENT OF BEDDING



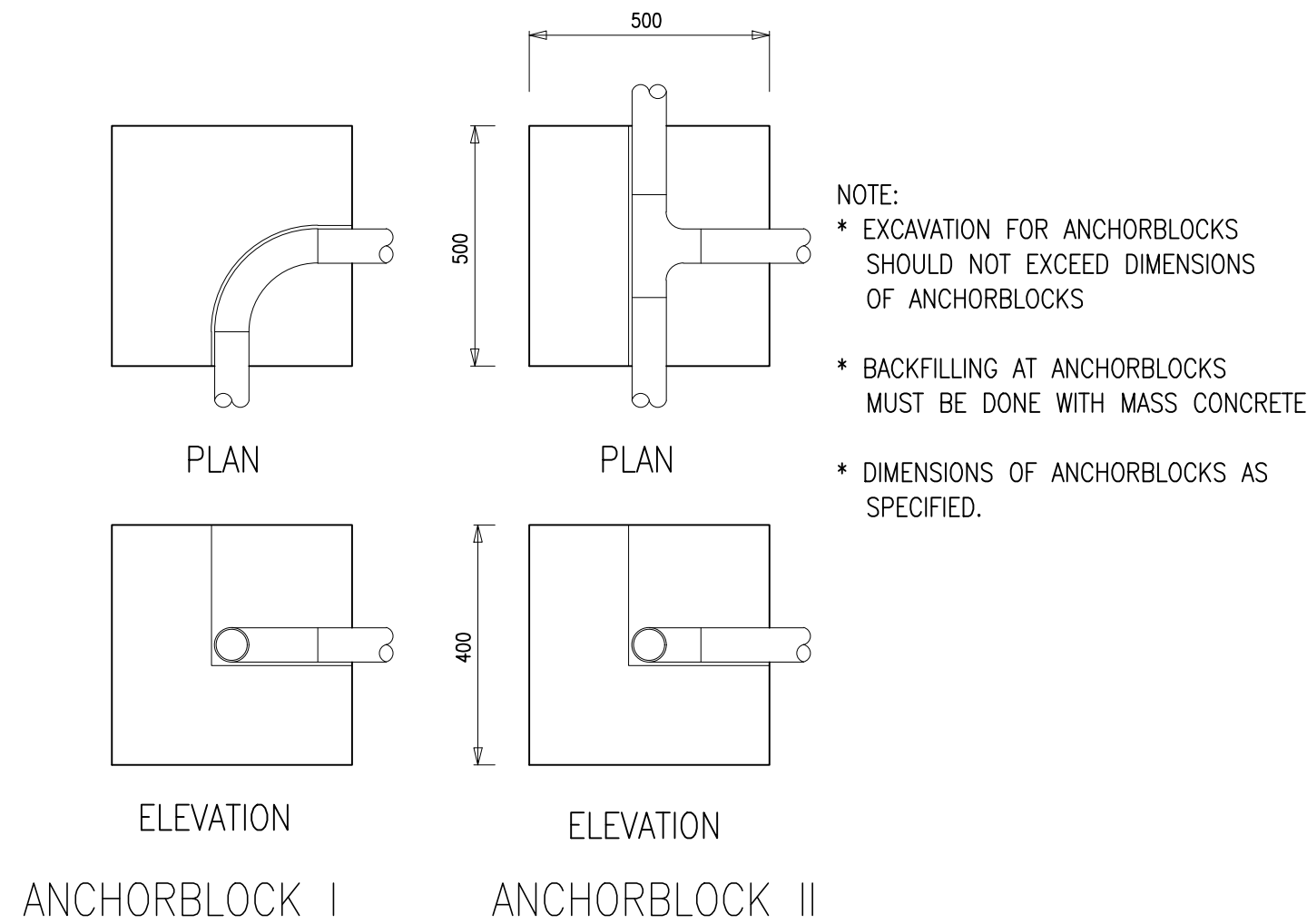
BUILDING CONNECTION



DRAWING LB - 2 - PIPE BEDDING DETAILS :  
FLEXIBLE PIPES AND TYPICAL JOINT POCKETS

#### NOTES

- FOR GENERAL NOTES SEE DRAWING No. SPS 01
- FOR WATER RETICULATION LAYOUT SEE DRAWING No. SPS 08
- 600mm MINIMUM DEPTH OF MAIN PIPELINE



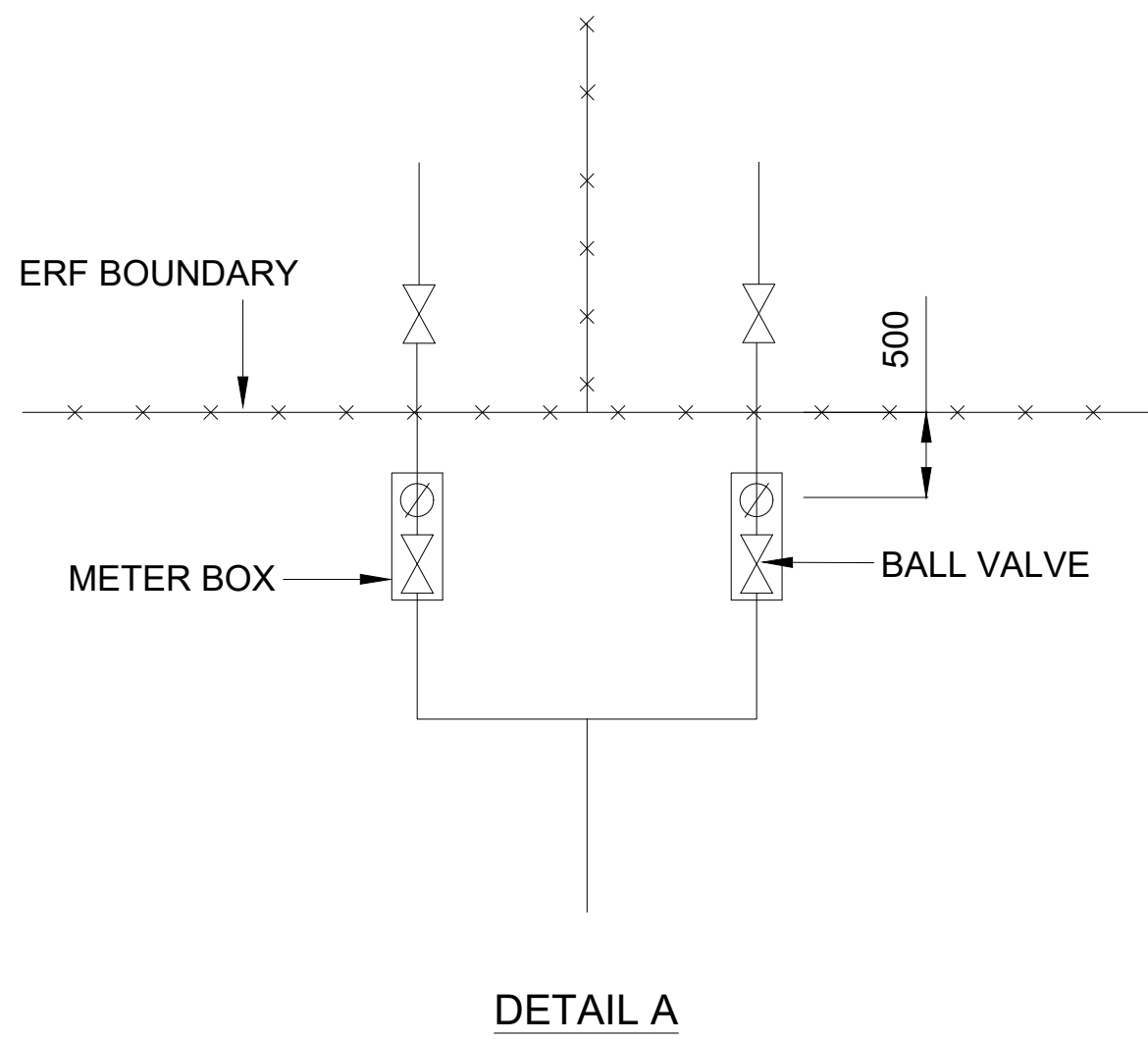
ANCHORBLOCK I ANCHORBLOCK II

#### NOTES

##### SINGLE ERVEN MINIMUM REQUIREMENTS

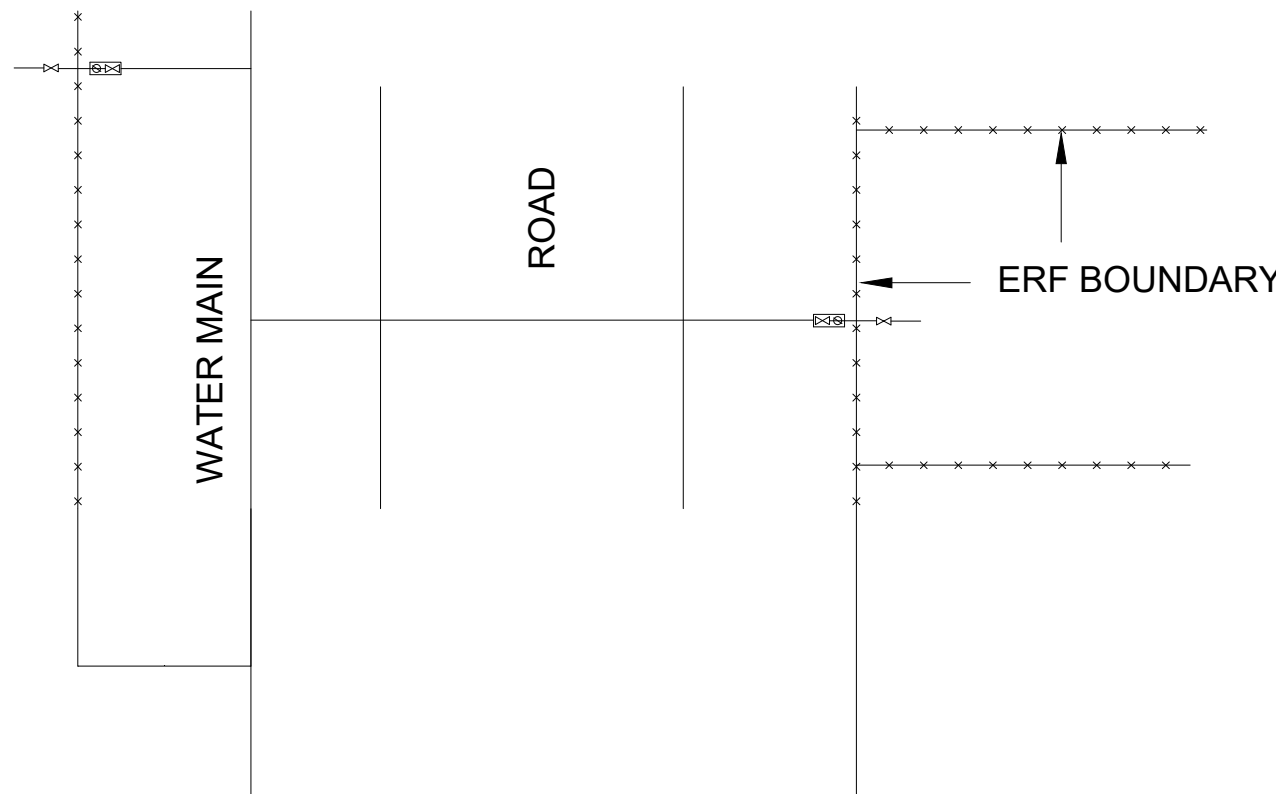
SINGLE ERF CONNECTION - 25mm HDPE CLASS 12  
DOUBLE ERF CONNECTION - 32mm HDPE CLASS 12  
CONNECTION FOR 3 ERVEN - 40mm HDPE CLASS 12  
CONNECTION FOR 4-10 ERVEN - 63mm HDPE CLASS 12

Private ball valve to be installed within one metre of erf boundary.  
Erven with greater than normal usage may request larger diameter connections.  
For Low Income Services, connections may be one diameter smaller with pre-paid meters.

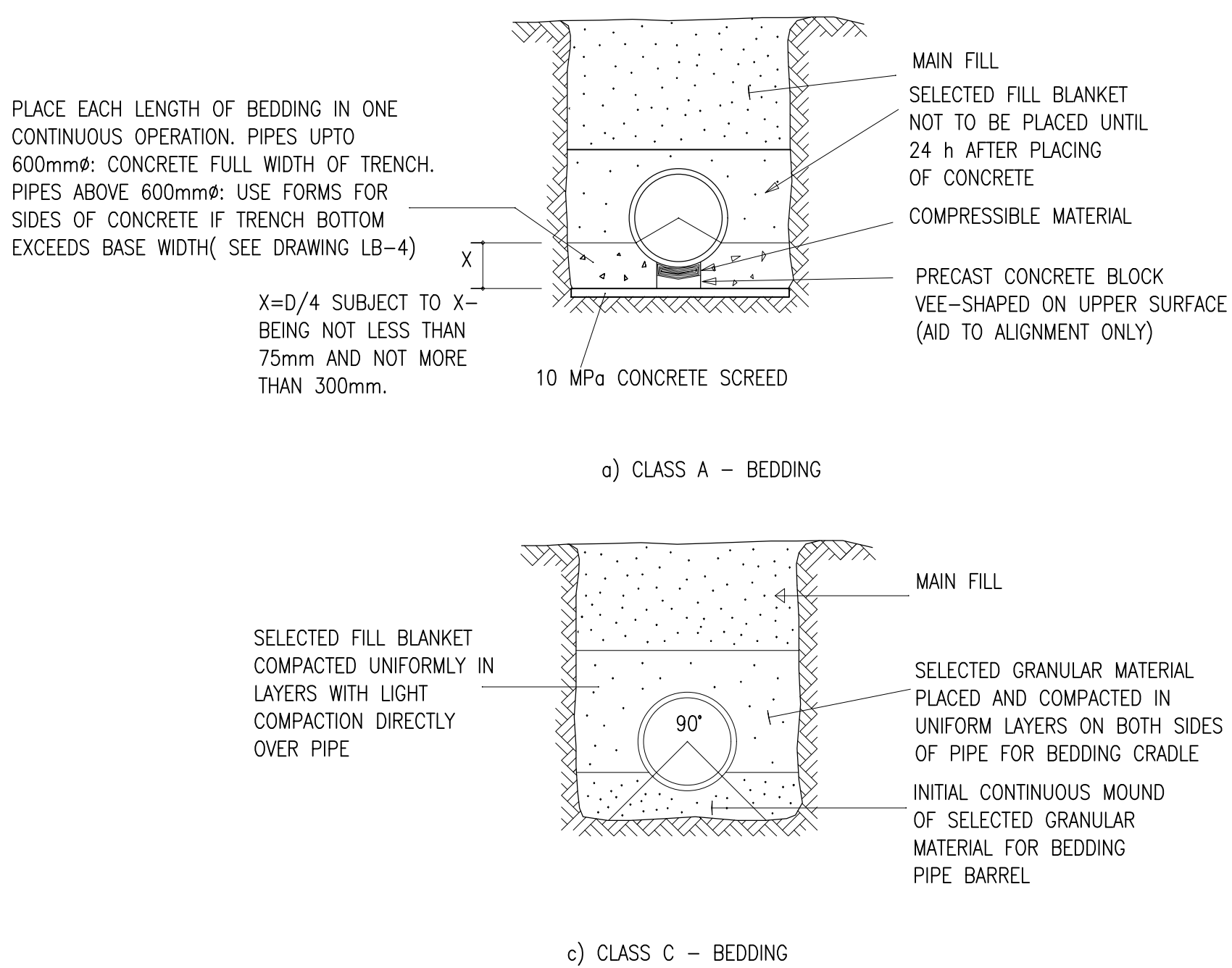
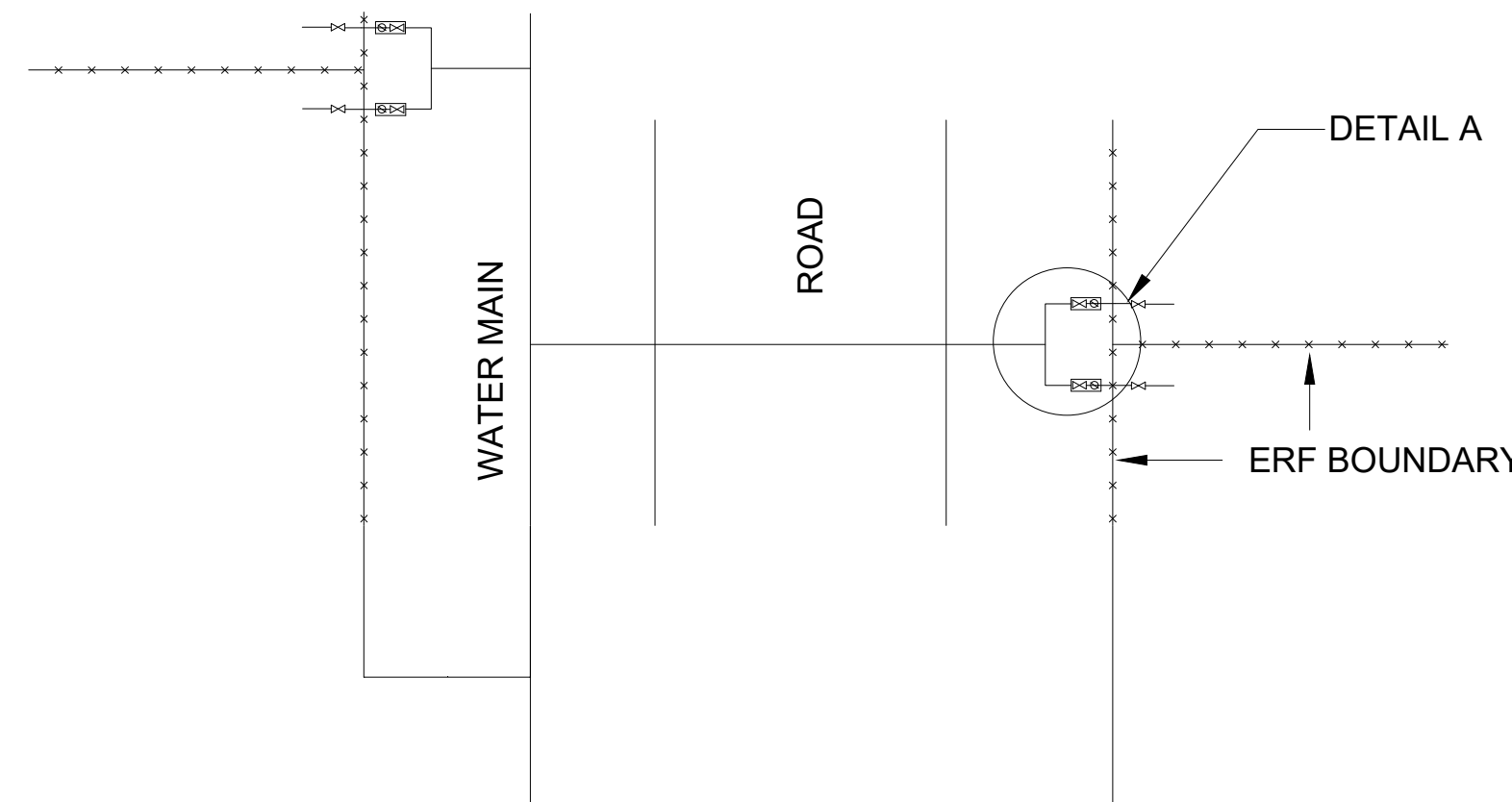


DETAIL A

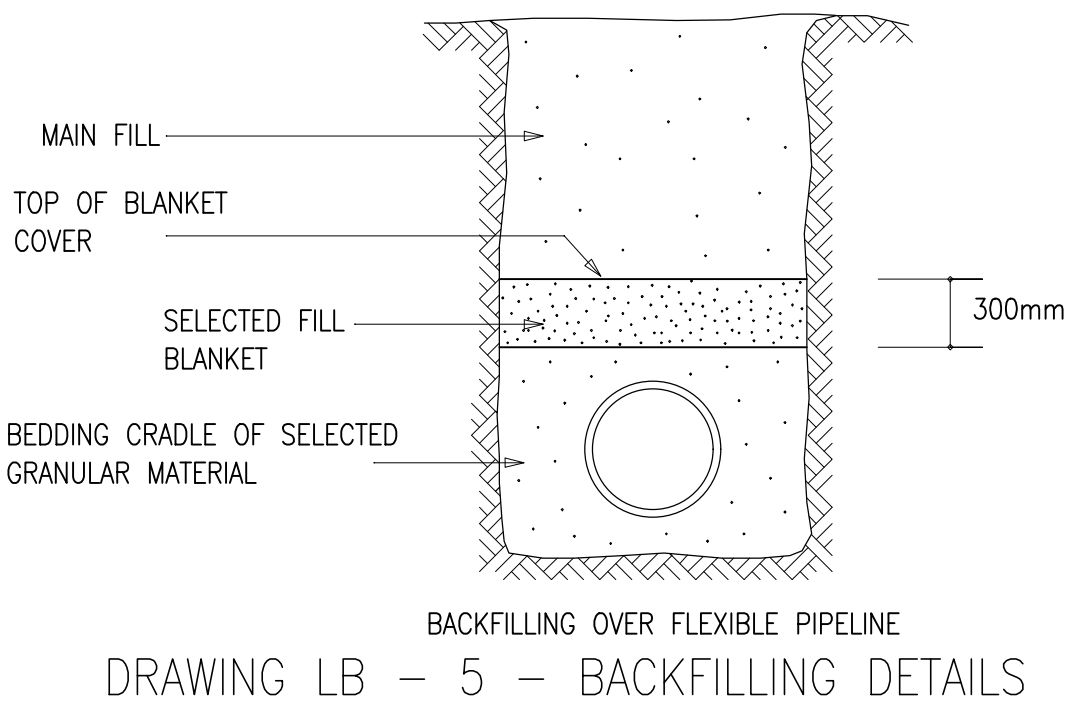
##### SINGLE ERF CONNECTION



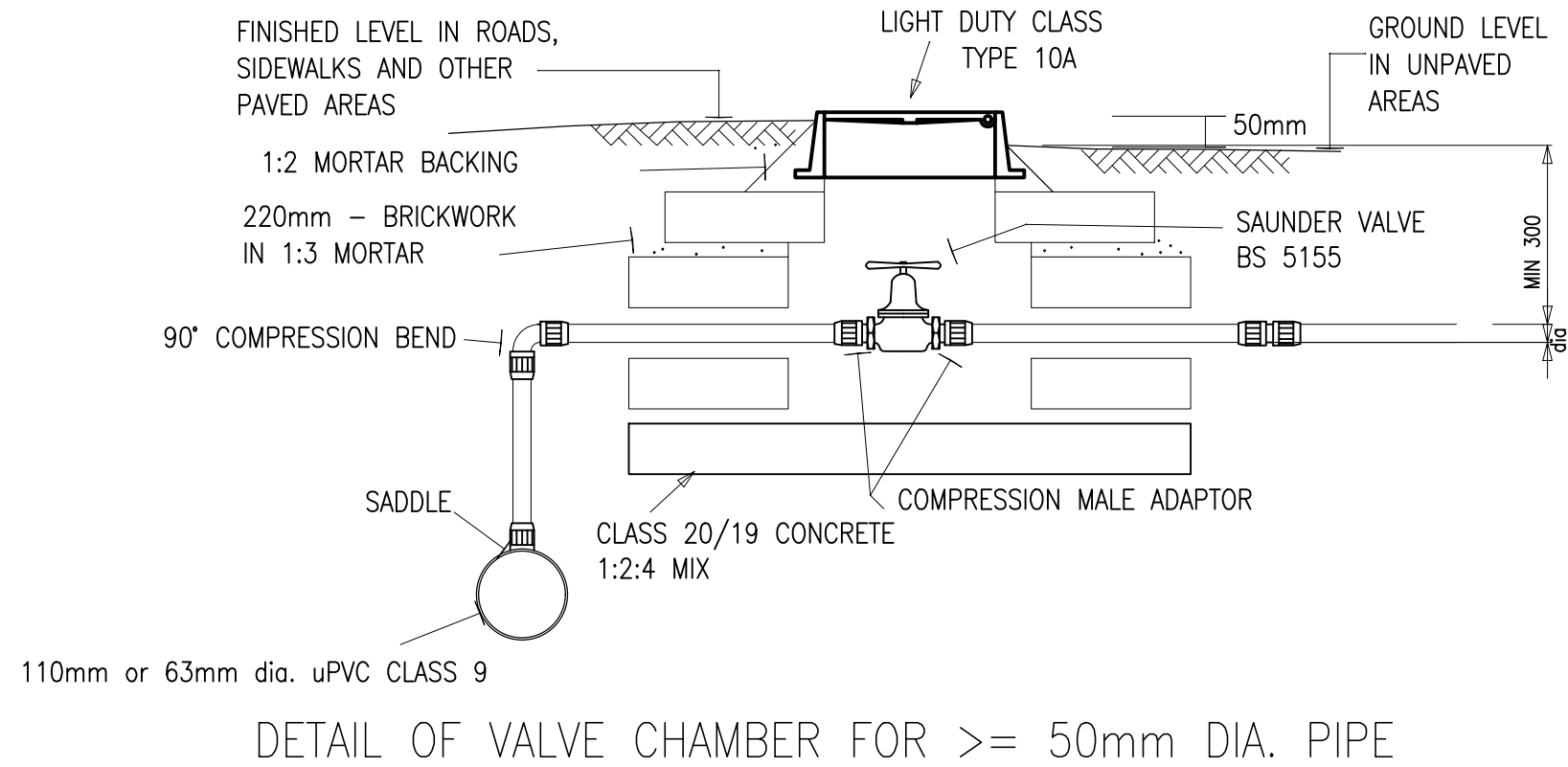
##### DOUBLE ERF CONNECTION



DRAWING LB - 3 - CONSTRUCTION OF PIPE BEDDING



DRAWING LB - 5 - BACKFILLING DETAILS



DETAIL OF VALVE CHAMBER FOR >= 50mm DIA. PIPE

#### GENERAL NOTES

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWING.

ALL DIMENSIONS, LEVELS, ETC ARE TO BE CHECKED BEFORE ANY WORK IS COMMENCED AND ANY DICREPANCIES NOTED TO BE BROUGHT TO THE ARCHITECT'S ATTENTION.

ONLY FIGURED DIMENSIONS TO BE USED, SCALING OF DRAWINGS IS NOT ADVISABLE.

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#### GEOTECH INFORMATION

SOIL TYPE: CLAYEY SILT; RESIDUAL ANDESTE  
ASSUMED SOIL BEARING CAPACITY: EASBP = 150 kPa  
RECOMMENDED FOUNDATION TYPE: CONCRETE RAFT  
RECOMMENDED FOUNDATION DEPTH: 600MM

REV. NO.	DATE	DESCRIPTION

#### DBSA APPROVAL

NAME:.....  
SIGNATURE:.....DATE:.....

#### DBSA APPROVAL

NAME:.....  
SIGNATURE:.....DATE:.....

#### DEPARTMENT OF EDUCATION APPROVAL

NAME:.....  
SIGNATURE:.....DATE:.....

#### DEPARTMENT OF EDUCATION APPROVAL

NAME:.....  
SIGNATURE:.....DATE:.....

#### DEPARTMENT OF EDUCATION APPROVAL

NAME:.....  
SIGNATURE:.....DATE:.....

#### MUNICIPAL APPROVAL

NAME:.....  
SIGNATURE:.....DATE:.....

#### CLIENT



#### PRINCIPAL AGENT



COMPETENT CONTACT PERSON: CONT. No: 0126650614, 078 879 2332  
KUDA NYABADZA FIRM REG No: 2015/200682/07

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NORTH-WEST DEPARTMENT OF BASIC EDUCATION  
DISCIPLINE ARCHITECTURAL

PROJECT NAME  
LETLAMORENG DAM RESORT

PROJECT STATUS  
STAGE 1-3 STAGE 4 STAGE 5-6  
CONCEPT TENDER ☒ CONSTRUCTION

DESCRIPTION  
LETLAMORENG DAM: WATER RETICULATION DETAILS  
SCALE:

DRAWN: NAME OF COMPETENT PERSON: Gabriel K Bushe Stephen Tshuma  
CHECKED: NAME OF COMPETENT PERSON:

REG No: PAT 34983284

SIGNATURE SIGNATURE

PROJECT NUMBER DATE: 03 November 2021  
DWG No: KUMA-LT-WAT-DET-01  
OCCUPANCY CLASSIFICATION A3 REV No: 0

SANS 10400 & XA COMPLIANCE
CONDUTANCE
SOLAR HEAT GAIN
GEOGRAPHICAL ZONE
NBRs COMPLIANCE
SITE PLAN
OTHER DRAWINGS

OTHER APPROVALS
Enviromental Impact Assessment (EIA)
South African Heritage Resources Agency (SAHRA)
Department of Water and Sanitation (DWS)
South African National Roads Agency (SANRAL)
Other

WATER SUPPLIER
MUNICIPALITY
BOREHOLE
PRESSURE
TANKS
OTHER STORE

SANITATION/ SEWER
MUNICIPALITY
SEPTIC TANKS
PIT LATRINES
OTHER

SITE INFORMATION
ERF No.
COVERAGE
VILLAGE NAME
DISTRICT
COORDINATES

STAGES
SIPDM
SACAP
Mark with X

PROJECT TEAM
ARCHITECT
Q. SURVEYOR
STRUCT. ENG
CIVIL ENG
MECH. ENG
ELECT. ENG
OHS
CONTRACTOR