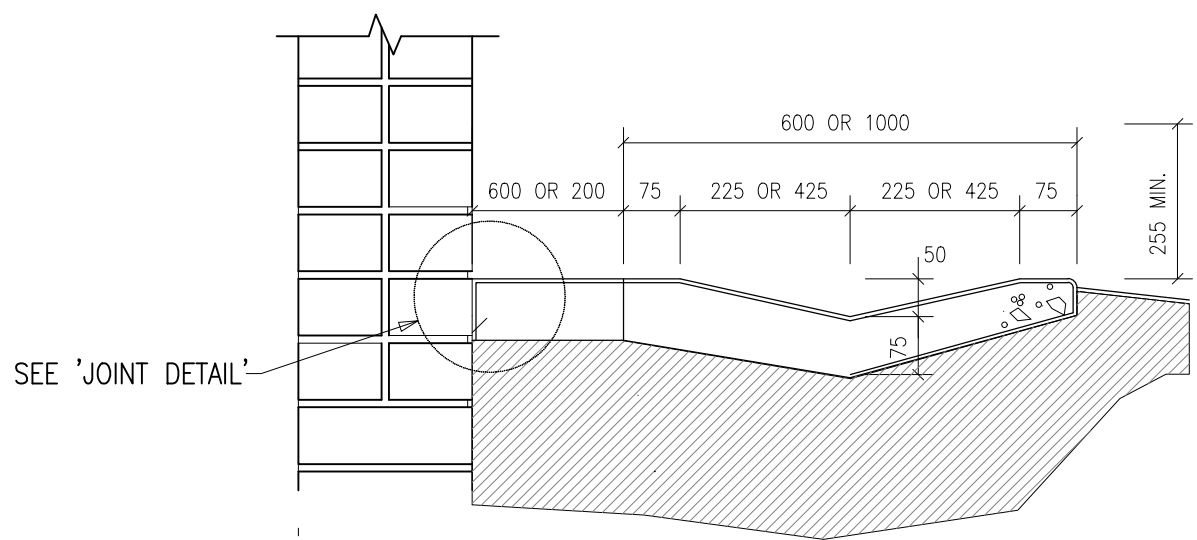
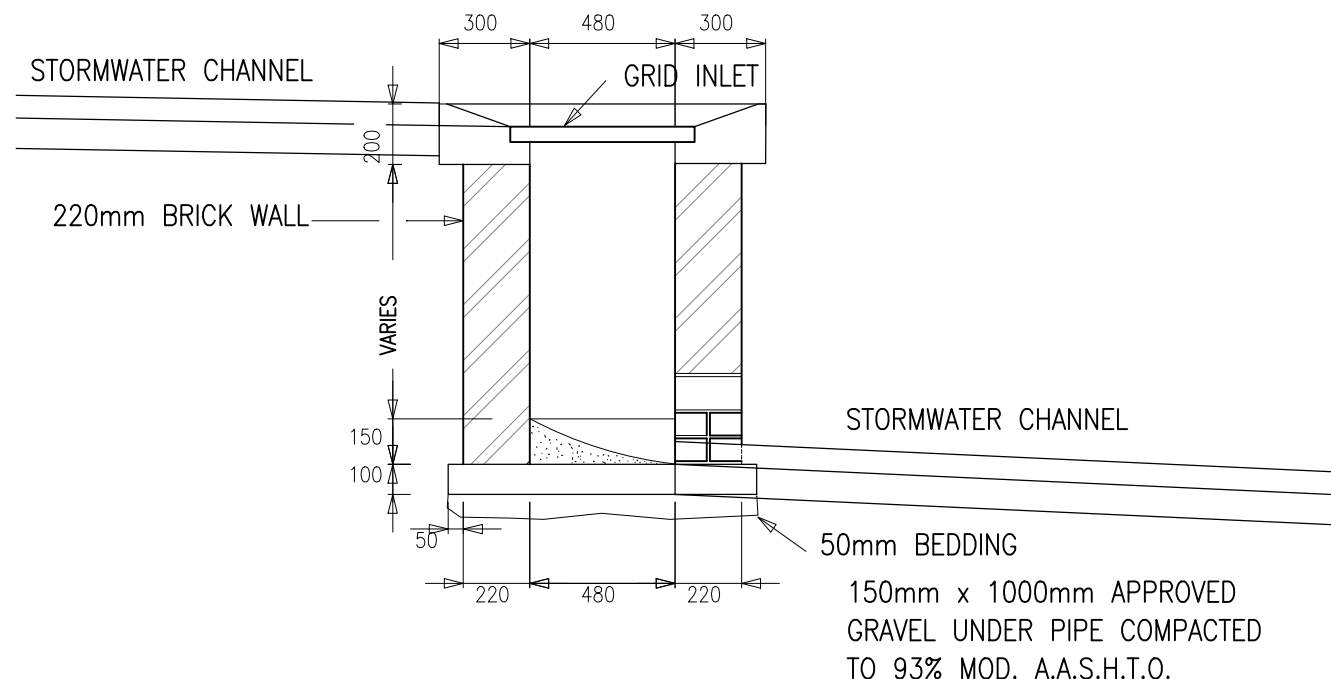


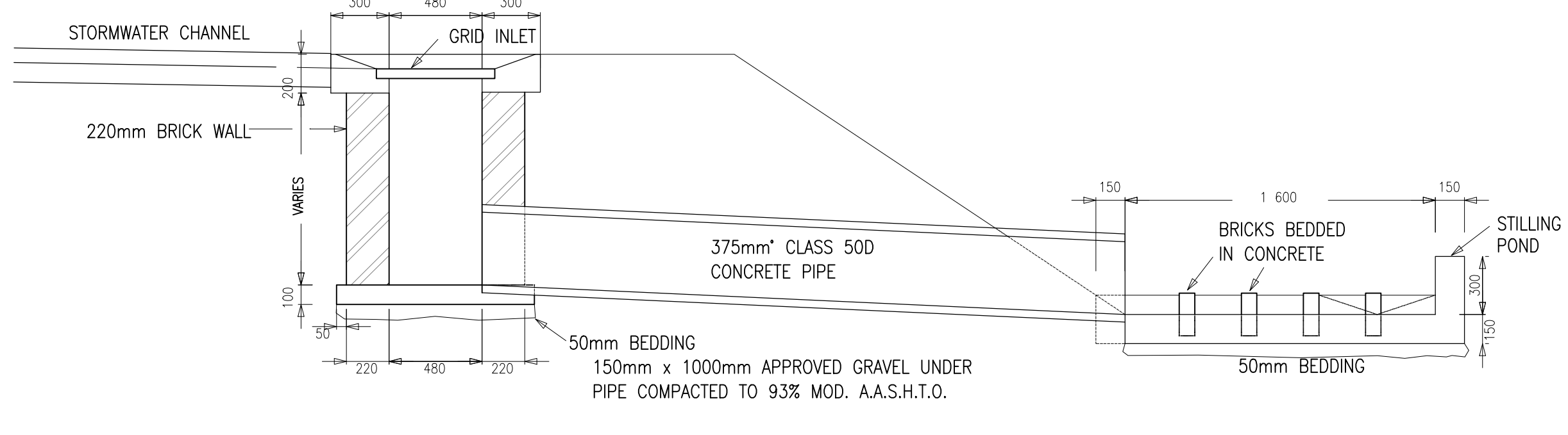
CHANNEL AT SIDE OF BUILDING TYPE B  
SCALE 1:10



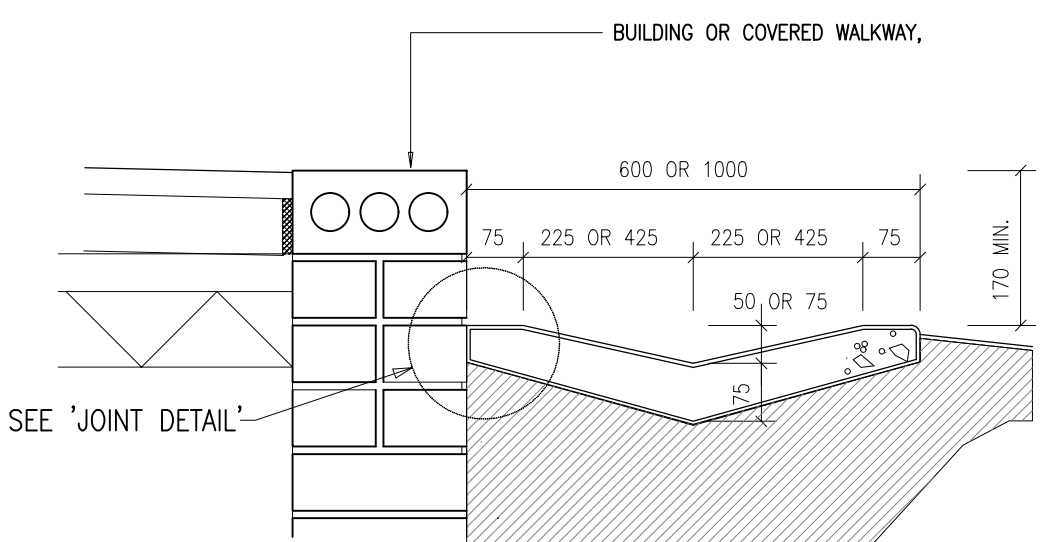
CHANNEL AT BACK OF BUILDING TYPE C  
(C1 – 600mm WIDE  
C2 – 1000mm WIDE)  
SCALE 1:10



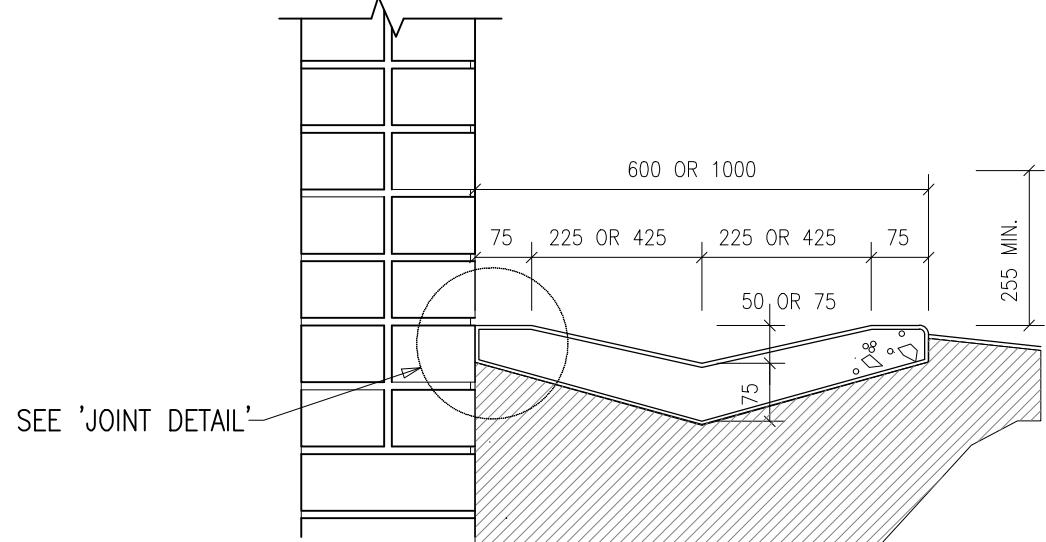
CHANNEL DROP INLET DETAIL



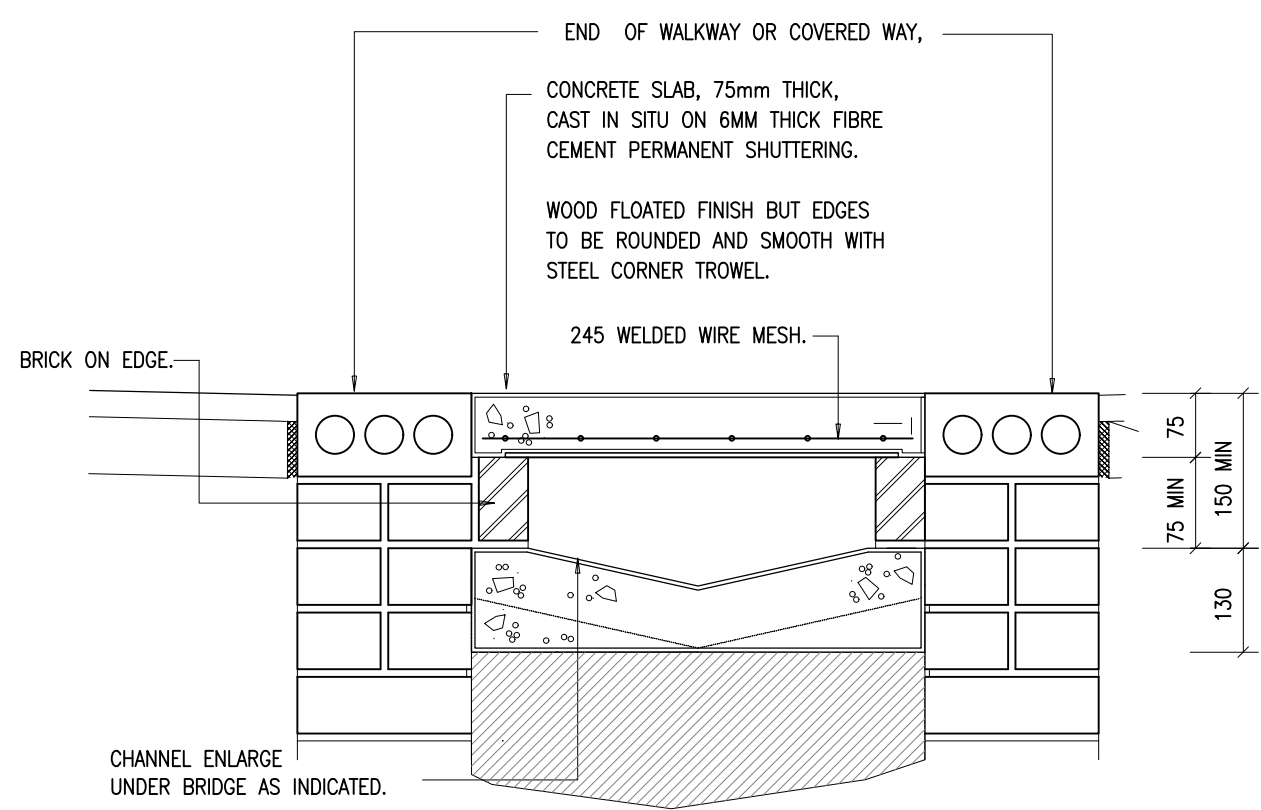
PIPE DROP INLET DETAIL  
SCALE 1:25



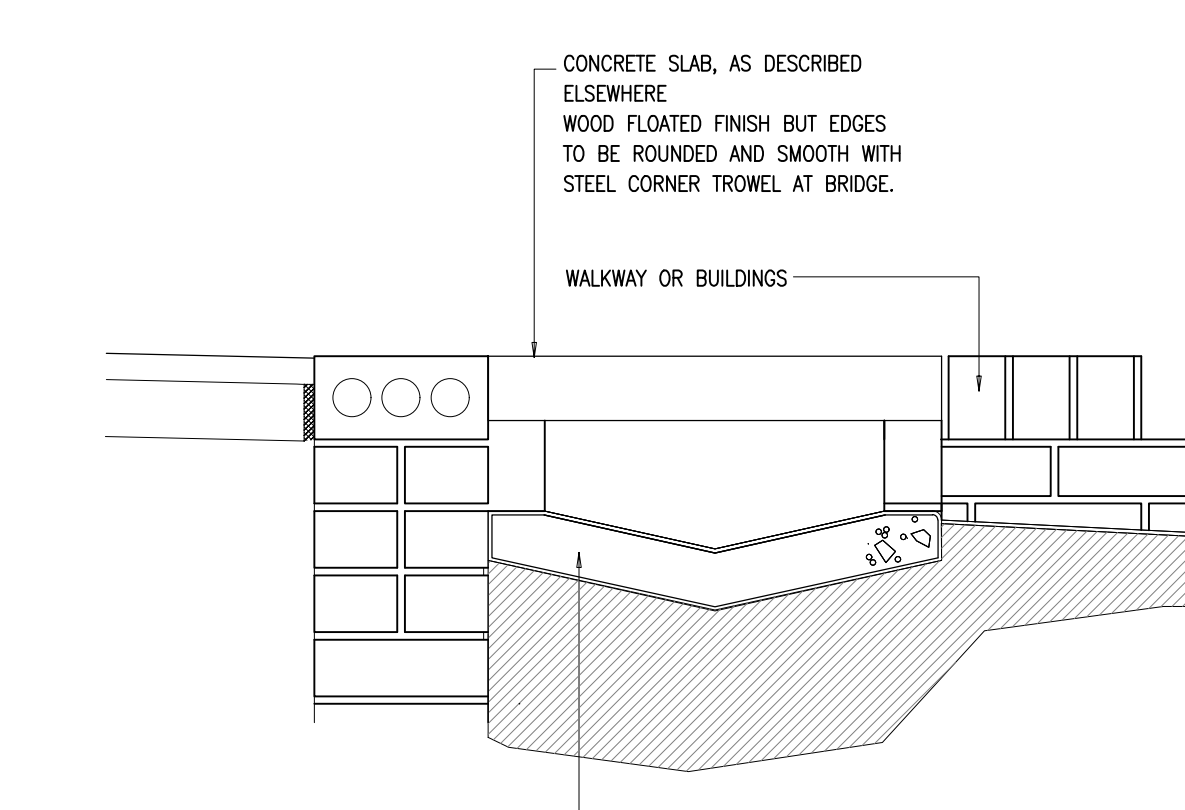
CHANNEL AT WALKWAY EDGE TYPE A  
(A1 – 600mm WIDE  
A2 – 1000mm WIDE)  
SCALE 1:10



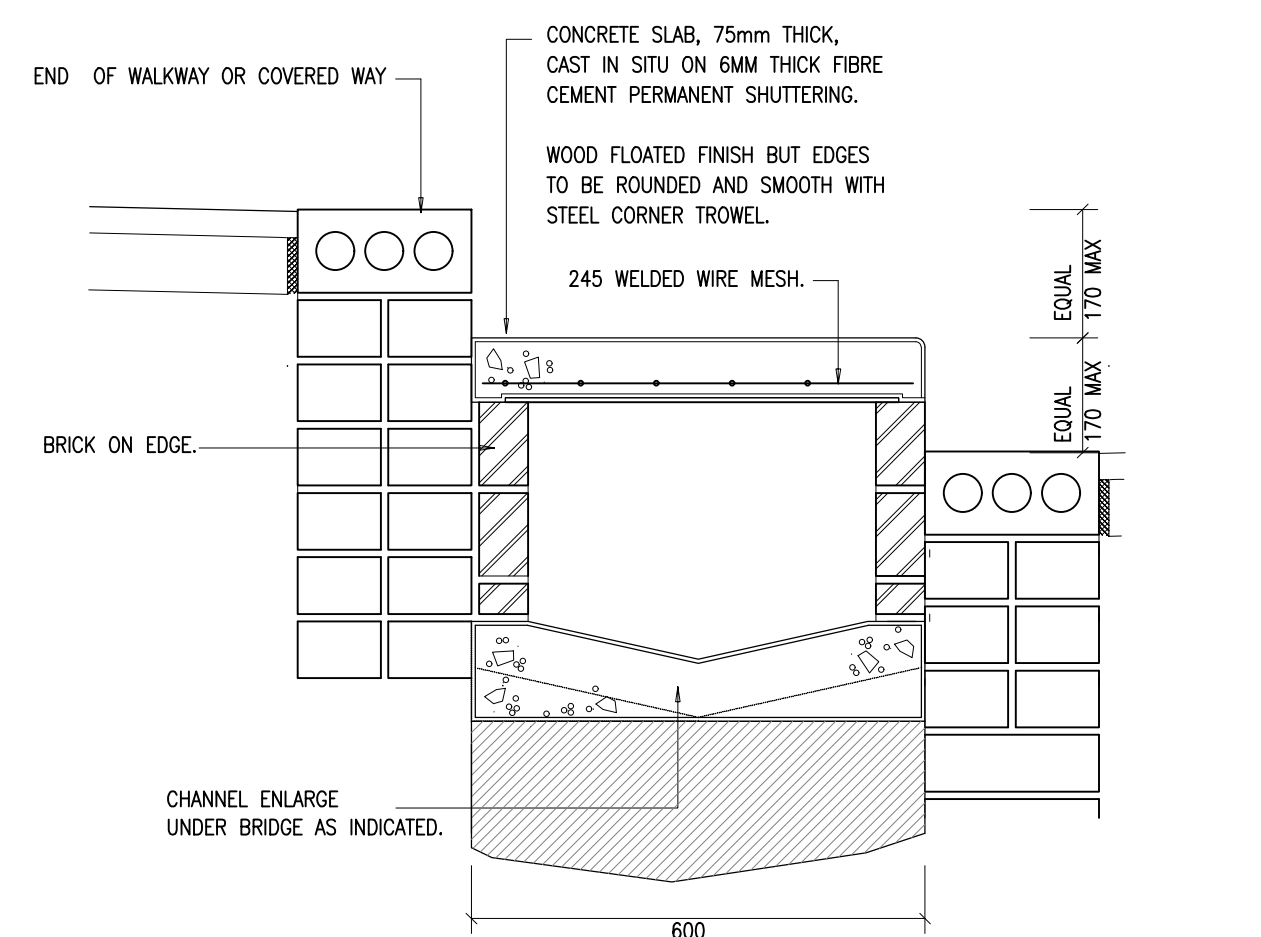
CHANNEL AT BACK OF BUILDING TYPE D  
(D1 – 600mm WIDE  
D2 – 1000mm WIDE)  
SCALE 1:10



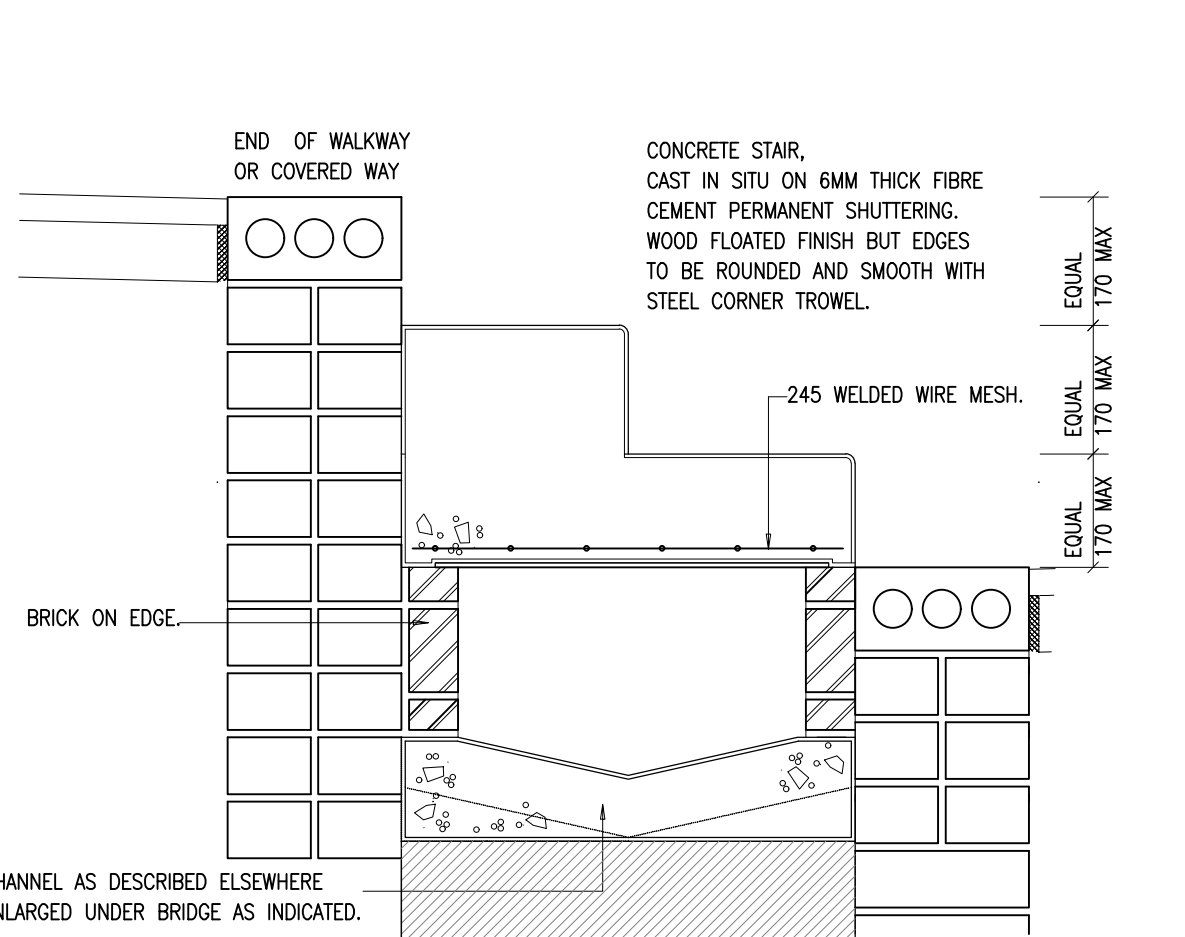
TYPE A  
BRIDGE OVER CHANNEL  
SCALE 1:10



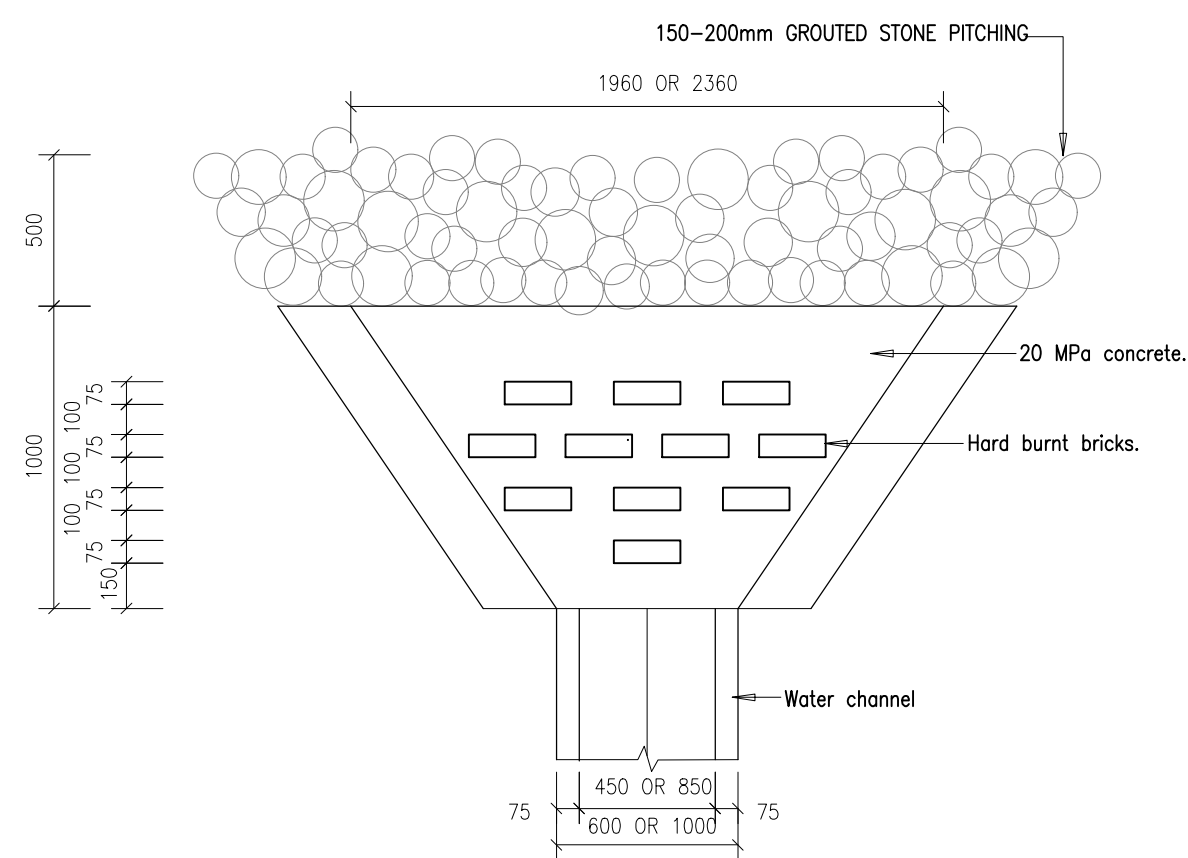
TYPE C  
BRIDGE OVER CHANNEL  
SCALE 1:10



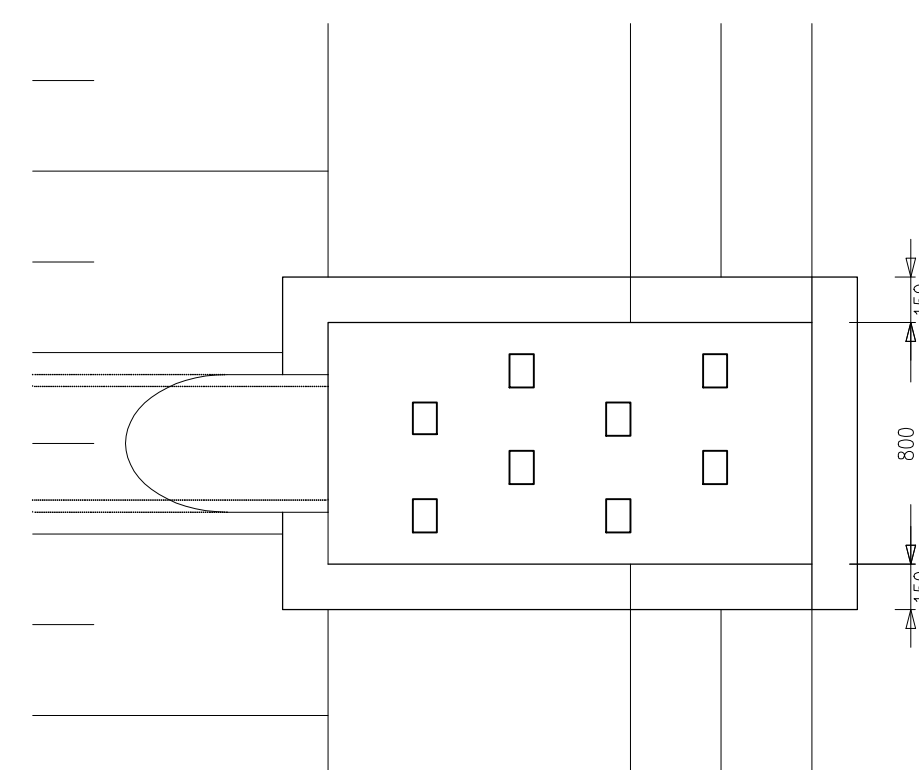
TYPE B  
BRIDGE OVER CHANNEL  
SCALE 1:10



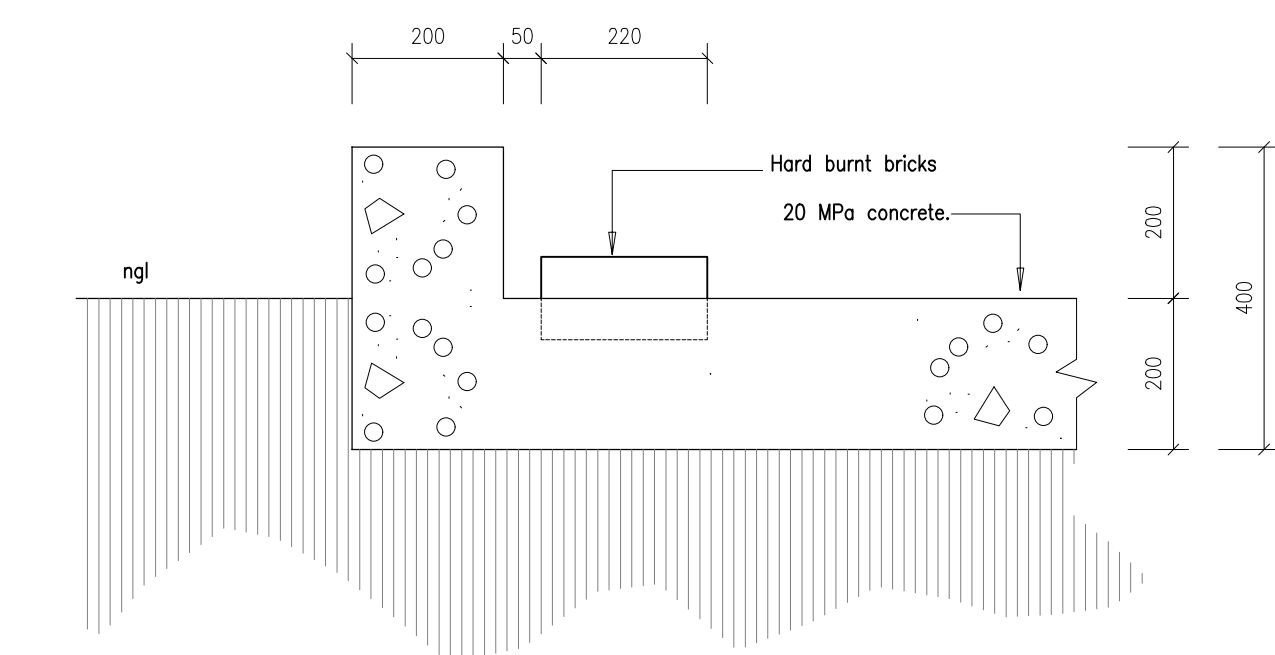
TYPE D  
BRIDGE OVER CHANNEL  
SCALE 1:10



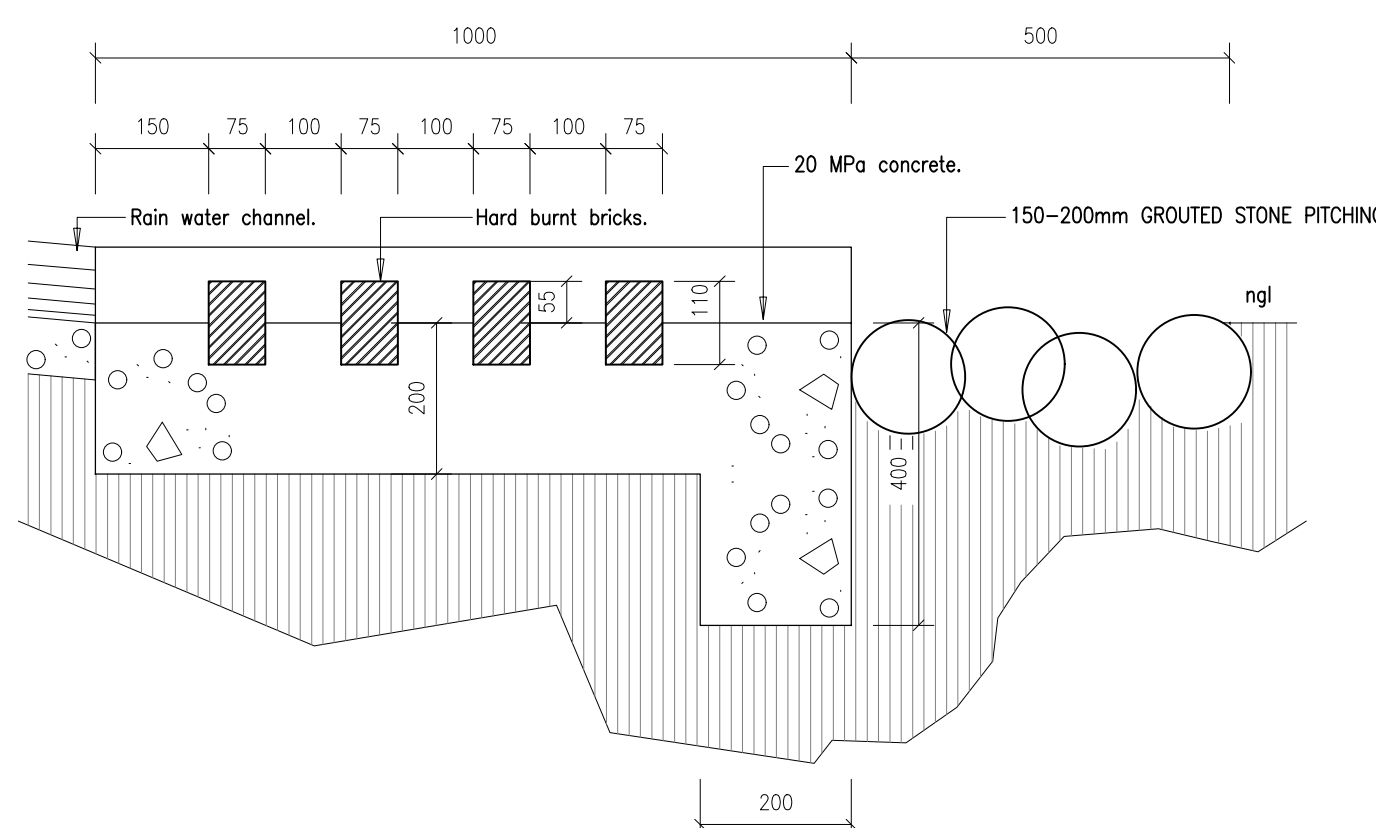
PLAN OF SPILLING BASIN  
SCALE 1:25



PLAN OF STILLING POND  
SCALE 1:25



SECTION THROUGH SPILLING BASIN  
SCALE 1:25



SECTION THROUGH SPILLING BASIN  
SCALE 1:25

#### 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; STORMWATER RETICULATION DETAILS

#### DRAWN:

NAME OF COMPETENT PERSON: Gabriel K Bushe  
Stephen Tshuma

REG No: PAT 34983284

SIGNATURE

#### CHECKED:

NAME OF COMPETENT PERSON:

SIGNATURE

#### PROJECT NUMBER

DATE: 03 November 2021

DWG No:

KUMA-TL-STW-DET-01

OCCUPANCY CLASSIFICATION  
**A3**

REV No: 0

#### SANS 10400 & XA COMPLIANCE

CONDUTANCE	Rational Des.	Standard Cal
	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N

SOLAR HEAT GAIN	Rational Des.	Standard Cal
	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N

#### GEOGRAPHICAL ZONE

NBRs COMPLIANCE

SITE PLAN
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

OTHER DRAWINGS
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

#### OTHER APPROVALS

Enviromental Impact Assessment (EIA)
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
South African Heritage Resources Agency (SAHRA)
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Department of Water and Sanitation (DWS)
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
South African National Roads Agency (SANRAL)
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Other
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

#### WATER SUPPLIER

MUNICIPALITY	Yes No	MUNICIPALITY NAME
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	MARULENG
BOREHOLE	Yes No	WATER USE USAGE
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
PRESSURE	Yes No	BARS
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
TANKS	Yes No	LITERS
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
OTHER STORE	Yes No	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

#### SANITATION/ SEWER

MUNICIPALITY	Yes No	MUNICIPALITY NAME
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	MARULENG
SEPTIC TANKS	Yes No	CAPACITY
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
PIT LATRINES	Yes No	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
OTHER	Yes No	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

#### SITE INFORMATION

ERF No.	
COVERAGE	***
VILLAGE NAME	HOEDSPRUIT
DISTRICT	MOPANI
COORDINATES	26°18'26.7" S 25°08'11.9" E

#### STAGES

SIPDM	SACAP	Mark with X
0		<input type="checkbox"/>
1		<input type="checkbox"/>
2		<input type="checkbox"/>
3	1	<input checked="" type="checkbox"/>
4	2	<input type="checkbox"/>
5	3	<input type="checkbox"/>
6	4	<input type="checkbox"/>
7	5	<input type="checkbox"/>
8	6	<input type="checkbox"/>
9		<input type="checkbox"/>

#### PROJECT TEAM

ARCHITECT	COMPETENT CONTACT PERSON	CONTACT No.	REGISTRATION No.	COMPANY NAME
GABRIEL K BUSHE	GABRIEL K BUSHE	071 059 1714	PAT 34983284	KUMA CONSULTING
Q. SURVEYOR	SIYABULELA LIWANI	078 662 6830	SACQSP 3285	KUMA CONSULTING
STRUCT. ENG	KUDA NYABADZA	078 879 2332	ECSA 201770127	KUMA CONSULTING
CIVIL ENG	BUSISO NYONI	073 470 8728	ECSA	KUMA CONSULTING
MECH. ENG	MICHAEL TSAHA	071 896 4674	ECSA 20140130	KUMA CONSULTING
ELECT. ENG	MICHAEL TSAHA	071 896 4674	ECSA 20140130	KUMA CONSULTING
OHS	RANGARAI MUSWERE	083 733 7689	SACPCMP CHSA/ 192/2020	KUMA CONSULTING
CONTRACTOR				