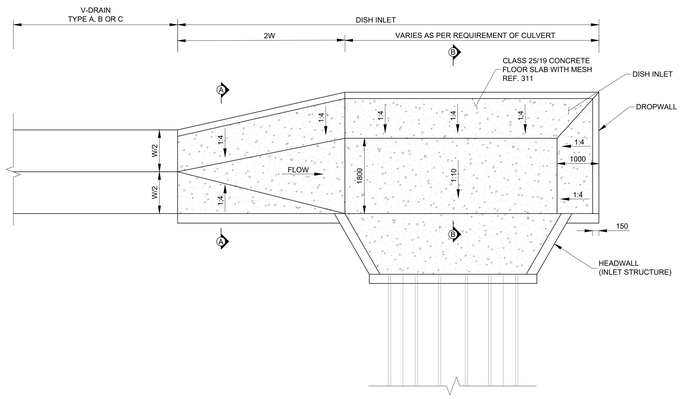


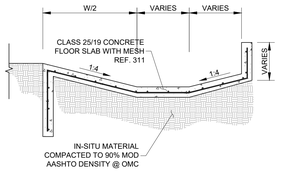
LEGEND:

SETTING OUT NODE

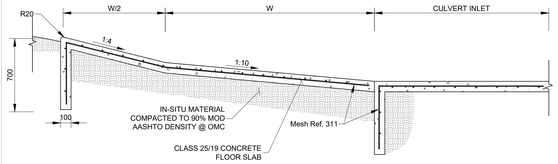
NOTES:

1. ALL CONCRETE TO BE CLASS 25/19 MPa UNLESS OTHERWISE SPECIFIED.
2. SURFACE FINISHES:
   - 2.1. ALL EXPOSED UNFORMED CONCRETE SHALL HAVE A CLASS 'U2' SURFACE FINISH OR AS INDICATED.
   - 2.2. ALL FORMED CONCRETE SURFACES SHALL HAVE A CLASS 'F1' SURFACE FINISH OR AS INDICATED

DISH INLET STRUCTURE
SCALE 1:50

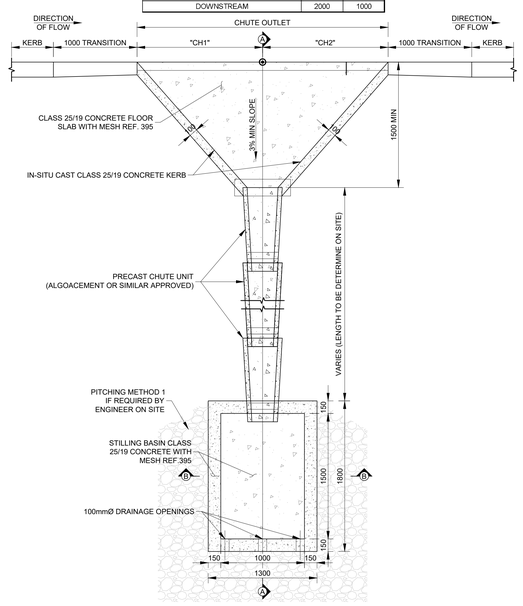


SECTION A-A
SCALE 1:20



SECTION B-B
SCALE 1:20

TYPE 1		
CHUTE OUTLET DIMENSIONS (mm)	"CH1"	"CH2"
LOW POINT	1500	1500
DOWNSTREAM	2000	1000



TYPE 1: CHUTE OUTLET PLAN VIEW
SCALE 1:25

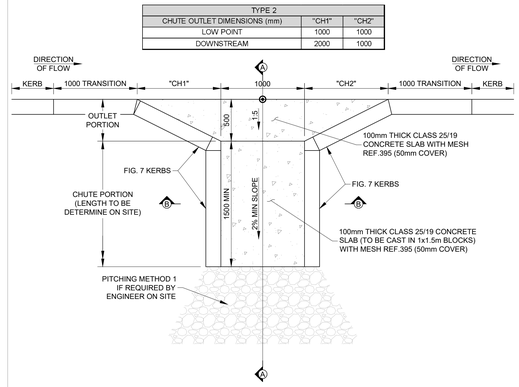
LEGEND:

SETTING OUT NODE

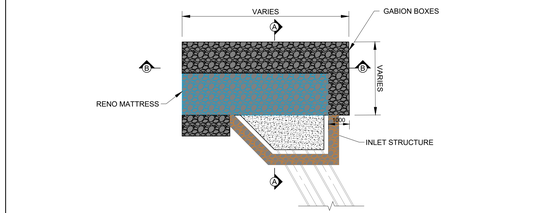
NOTES:

1. SIDE DRAINS TO BE CAST ALTERNATIVELY IN SECTIONS OF 2 METER LENGTHS.
2. ALL CONCRETE TO BE CLASS 25/19 MPa UNLESS OTHERWISE SPECIFIED.
3. SURFACE FINISHES:
   - 3.1. ALL EXPOSED UNFORMED CONCRETE SHALL HAVE A CLASS 'U2' SURFACE FINISH OR AS INDICATED.
   - 3.2. ALL FORMED CONCRETE SURFACES SHALL HAVE A CLASS 'F1' SURFACE FINISH OR AS INDICATED

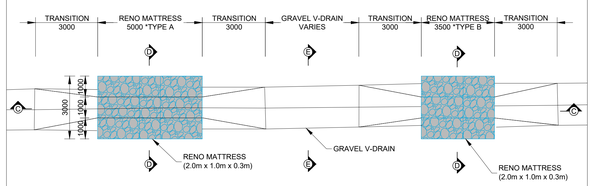
TYPE 2		
CHUTE OUTLET DIMENSIONS (mm)	"CH1"	"CH2"
LOW POINT	1000	1000
DOWNSTREAM	2000	1000



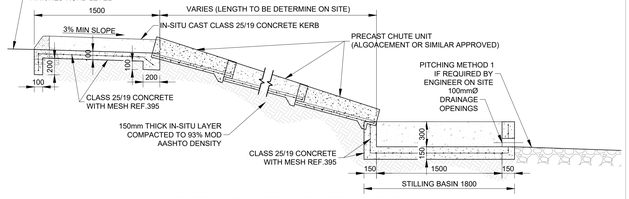
TYPE 2: CHUTE OUTLET PLAN VIEW
SCALE 1:25



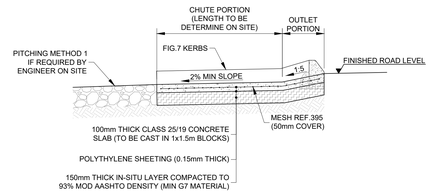
GABION INLET STRUCTURE
SCALE 1:100



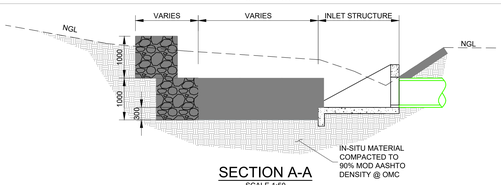
LAYOUT:
GRAVEL V-DRAIN
SCALE 1:100



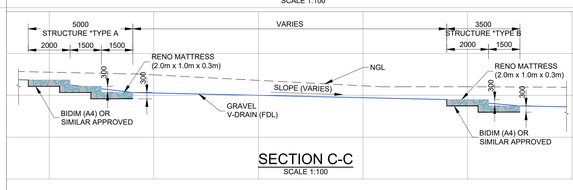
TYPE 1: CHUTE OUTLET SECTION A-A
SCALE 1:25



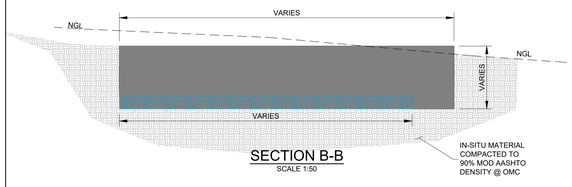
TYPE 2: CHUTE OUTLET SECTION A-A
SCALE 1:25



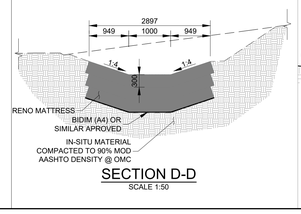
SECTION A-A
SCALE 1:50



SECTION C-C
SCALE 1:100

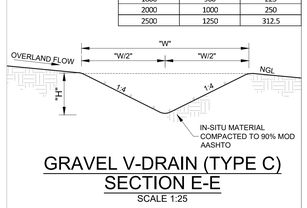


SECTION B-B
SCALE 1:50

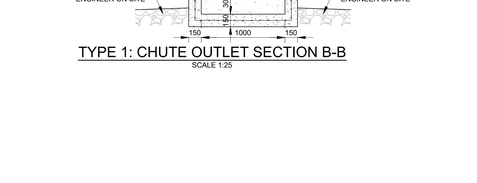


SECTION D-D
SCALE 1:50

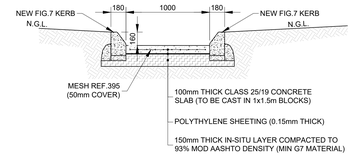
DIMENSIONS FOR GRAVEL V-DRAIN (mm)		
"W"	"W/2"	"H"
1000	500	125
1200	600	150
1500	750	187.5
1800	900	225
2000	1000	250
2500	1250	312.5



GRAVEL V-DRAIN (TYPE C)
SECTION E-E
SCALE 1:25



TYPE 1: CHUTE OUTLET SECTION B-B
SCALE 1:25



TYPE 2: CHUTE OUTLET SECTION B-B
SCALE 1:25

REVISIONS

REV	BY	DATE	DESCRIPTION
0	V.N	11/2022	FOR APPROVAL

CLIENT:

CITY OF MBOMBELA
THE ULTIMATE DESTINATION

PROJECT:

MATSAFENI KAAPSCHEHOOP BUS ROUTE

TITLE:

DETAILS:
TYPICAL STORMWATER STRUCTURES (SHEET 2 OF 2)

LIHUZU PROJECTS(LTD) LTD
UNIT NO.45.2
CENTRAL PARK
12 SUIKERRIET STREET NELSPRUIT 1201
TEL: 013 744 6070
Email: lihuzuprojects@gmail.com

Lihuzu PROJECTS (PTY) LTD

SCALE	AS SHOWN
DATE	NOVEMBER 2022
DESIGNED:	S.T NKABINDE
DRAWN:	V.M NKOSI
CHECKED:	L.S MTHETHWA
APPROVED:	S.T NKABINDE

DRAWING NUMBER: LIH202223/SW/003

REV: 00