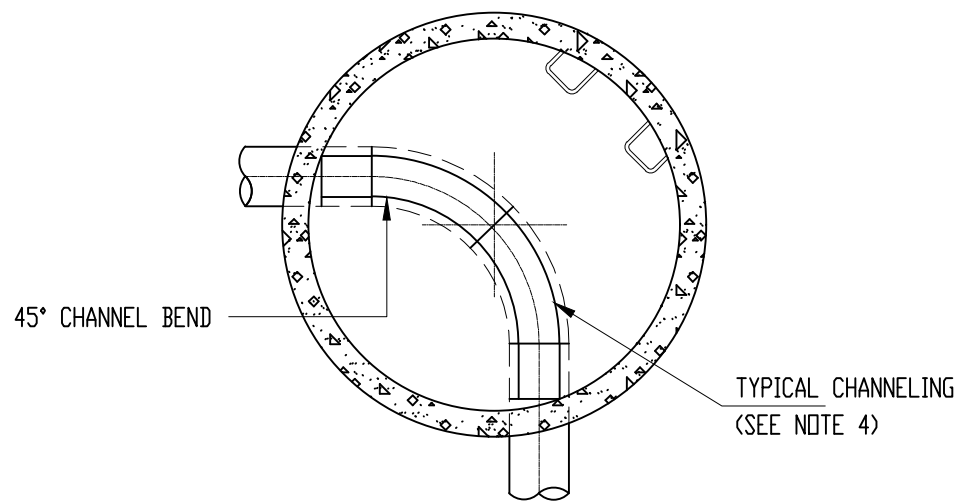
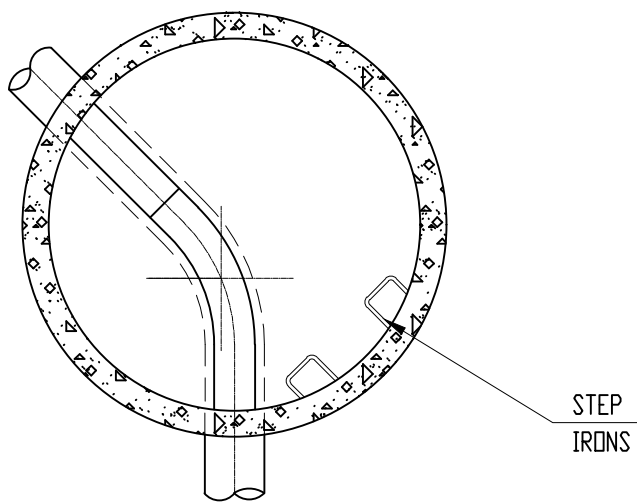


1250 MANHOLE

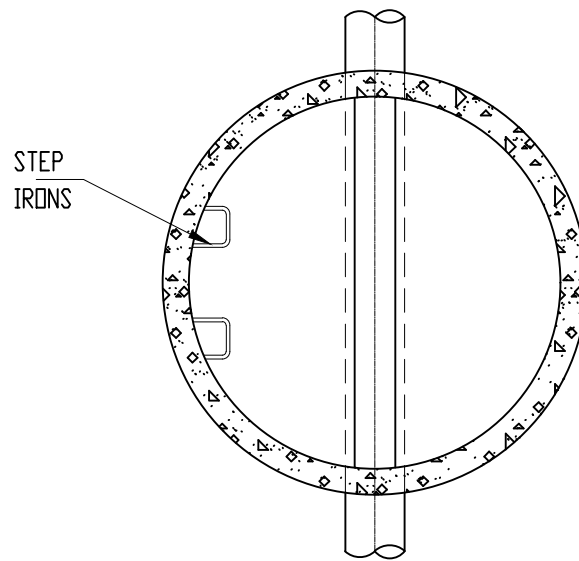
MH TYPE: SINGLE JUNCTION
PIPE DIAM: 160 & 200



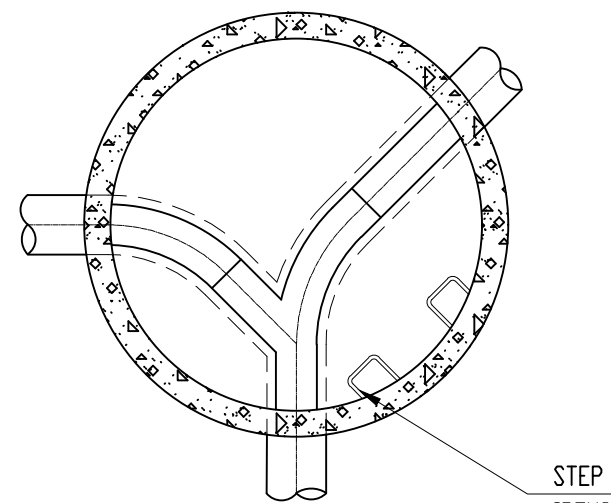
PLAN 1
SCALE 1 : 20



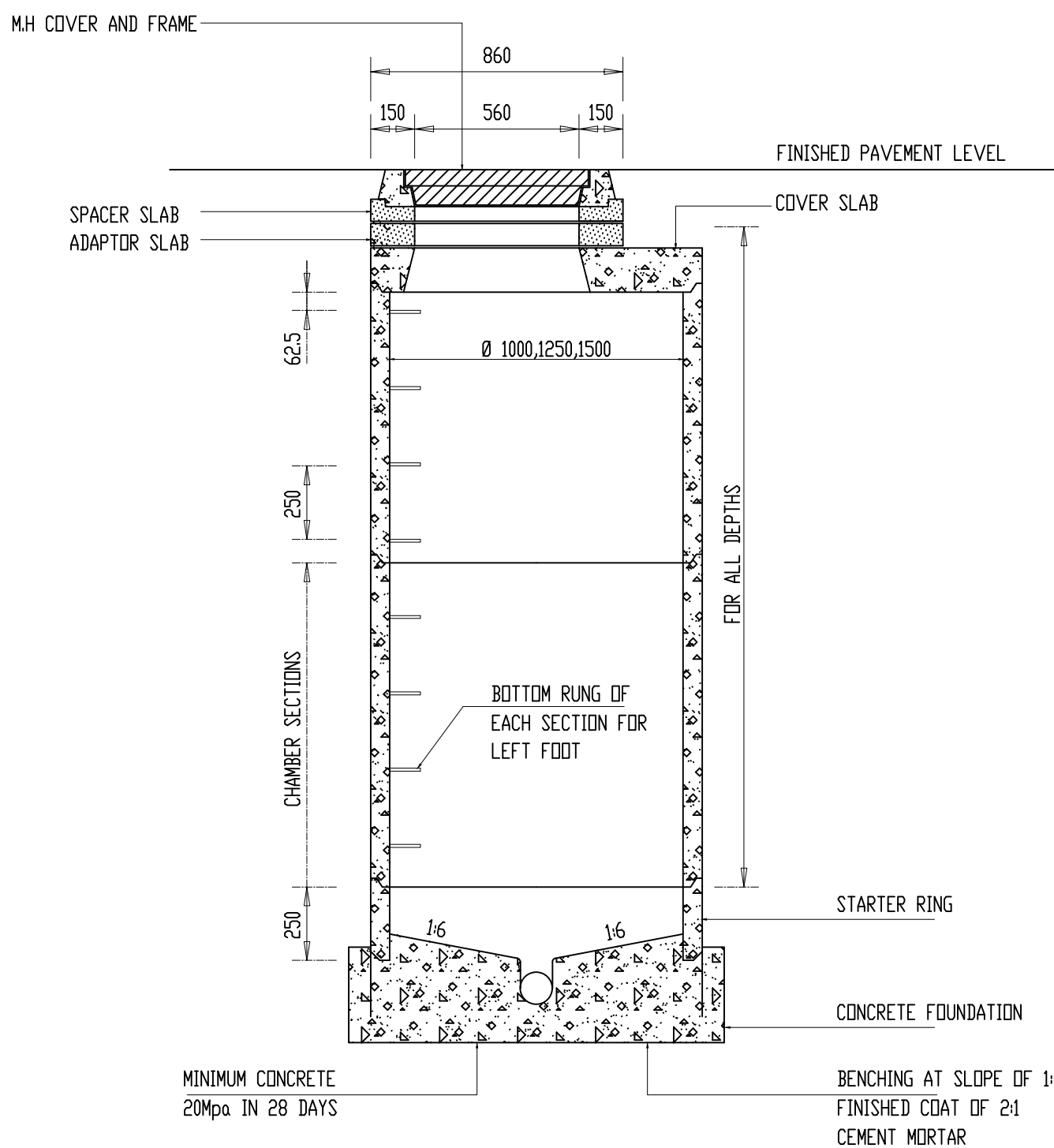
PLAN 2
SCALE 1 : 20



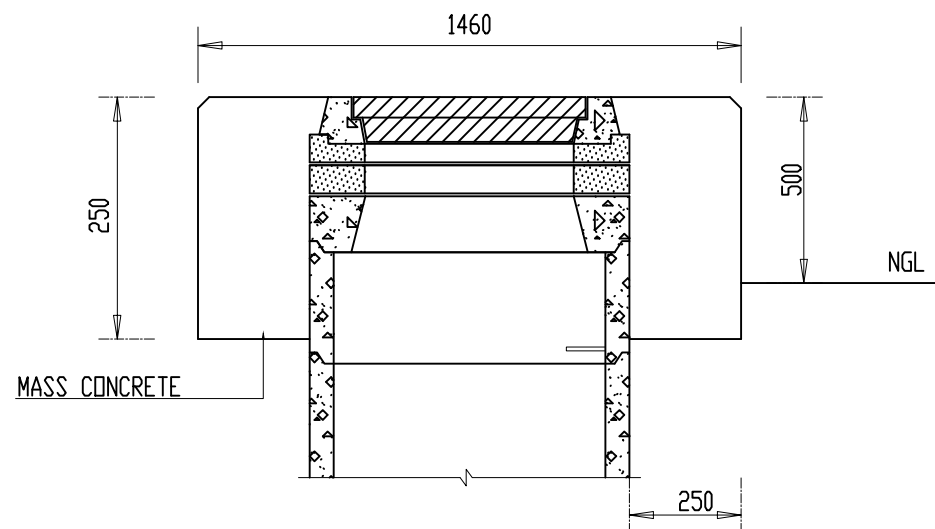
PLAN 3
SCALE 1 : 20



PLAN 4
SCALE 1 : 20



PRE CAST CONCRETE MANHOLE
FOR ALL DEPTH



COVER ABOVE GROUND LEVEL

NOTES:

1. PRE-CAST CONCRETE MANHOLE AND SLAB, THE INSTALLATION AND CONSTRUCTION THEREOF TO COMPLY WITH SANS 1294 AND SANS 1200LD
2. THE UPPERMOST SECTION OF THE CHAMBER OR SHAFT TO BE A 250mm SECTION
3. MANHOLE SHAFT AND STEP IRONS ARE TO BE PLACED OVER THE LARGE LANDING ON THE DOWNSTREAM SIDE.
4. HORIZONTAL SPACING OF STEPS TO BE 150mm (+/- 12mm)
5. PIPE SECTIONS AND SLABS TO BE BEDDED ON A 2:1 CEMENT MORTAR GROUT TO FORM A COMPACTED WATER-TIGHT JOINT OF APPROXIMATELY 5mm THICK.
6. MAXIMUM PROTRUSION OF PIPES INTO MANHOLES TO BE 50mm
7. ALL CHANNELS TO BE PRECAST FIBER CEMENT.
8. FOR LARGER PIPE DIAMETERS, DEEP SEWERS AND CHANNEL LAYOUTS NOT FITTING INSIDE STANDARD PRECAST MANHOLE SECTIONS, THE ENGINEER SHALL DESIGN A CHAMBER TO SUIT THE CONDITIONS.
9. COVERS AND FRAMES AS PER SANS 558, OR SIMILAR APPROVED.
10. COVERS AND FRAMES TO BE INSTALLED (OR SIMILAR APPROVED) IN ROADS : TYPE 1A OR 2A OTHER AREAS : TYPES 1B, 4, 4A OR 6
11. COVERS AND FRAMES TO BE INSTALLED (OR SIMILAR APPROVED) IN ROADS : TYPE 1A OR 2A OTHER AREAS : TYPES 1B, 4, 4A OR 6
12. COVERS AND FRAMES TO BE INSTALLED (OR SIMILAR APPROVED) IN ROADS : TYPE 1A OR 2A
13. CONCRETE OR HINGED DUCTILE IRON COVERS MAY BE USED WITH APPROVAL FROM JW DWSIGN MANAGER.
14. THE ENGINEER MUST DETERMINE THE APPROPRIATE MANHOLE SIZE TO ENSURE THERE IS ENOUGH ROOM INSIDE THE MANHOLE FOR MAINTENANCE PURPOSES. SIZE OF PIPE, NUMBER OF JUNCTIONS AND ANGLE AT WHICH THEY CONNECT TO THE MANHOLE JUNCTION ANGLES MUST BE IN LINE WITH JW STANDARDS REGARDLESS OF MANHOLE SIZE.

CURRENT DRAWING ISSUED TO:

CLIENT

CLIENT:



Pvt Bag X5049,
Kimberly, 8301,
South Africa

IK Nkoane Education House
156 Barkly Road
Homestead, Kimberly
8301

00	26-05-2026	LM	ISSUED FOR TENDER	NZ	W.K.
REV	DATE	BY	DESCRIPTION	CHK	APD

DRAWING STATUS:

DETAILED DESIGN



10 MORRIS STREET WEST
WOODMEAD, SANDTON, 2191, JOHANNESBURG
www.kairosengineers.co.za

Tel: 010 824 00060

CLIENT:

HOERSKOOL ADAMANTIA HIGH SCHOOL

ARCHITECT:

R.Kakono PrArch 48791029

PROJECT:

**PROJECT: Rehabilitation and Construction
of Additional Block Classrooms at
Hoerskool Adamantia High School, in
Kimberly Northern Cape**

TITLE:

SEWER MANHOLE TYPICAL DETAILS

STANDERF No.: ERF ...

SCALE @ A1:	CHECKED:	APPROVED:
1:50	NZ	W.K.
DRAWN:	DESIGNED:	DATE:
LM	W.K.	26/05/2026

PROJECT No:	DRAWING No:	REV:
K250022	K250022-CIV-005	00

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