

Johannesburg Water SOC Ltd



VOLUME 3

DRAWINGS

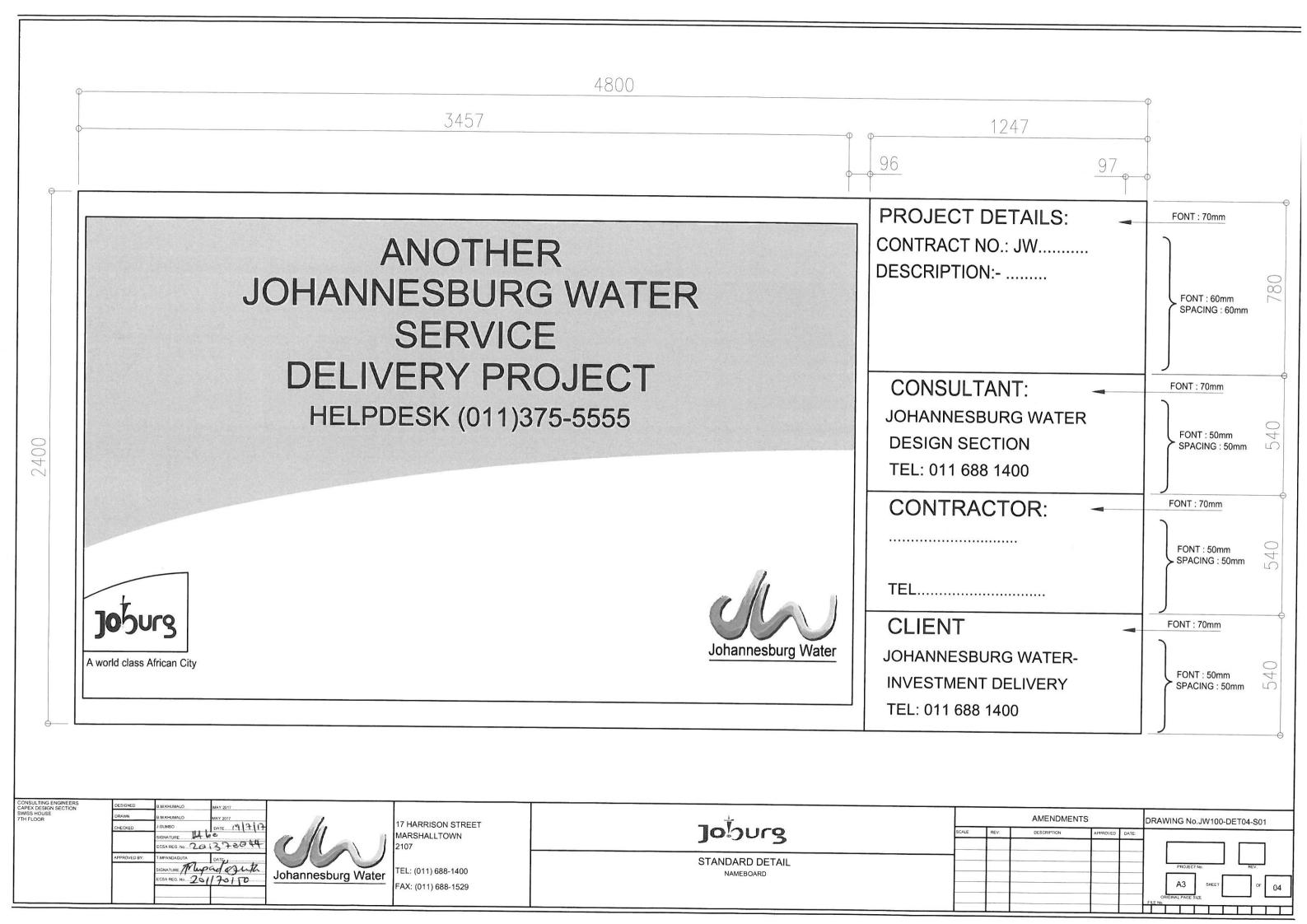
JW14228

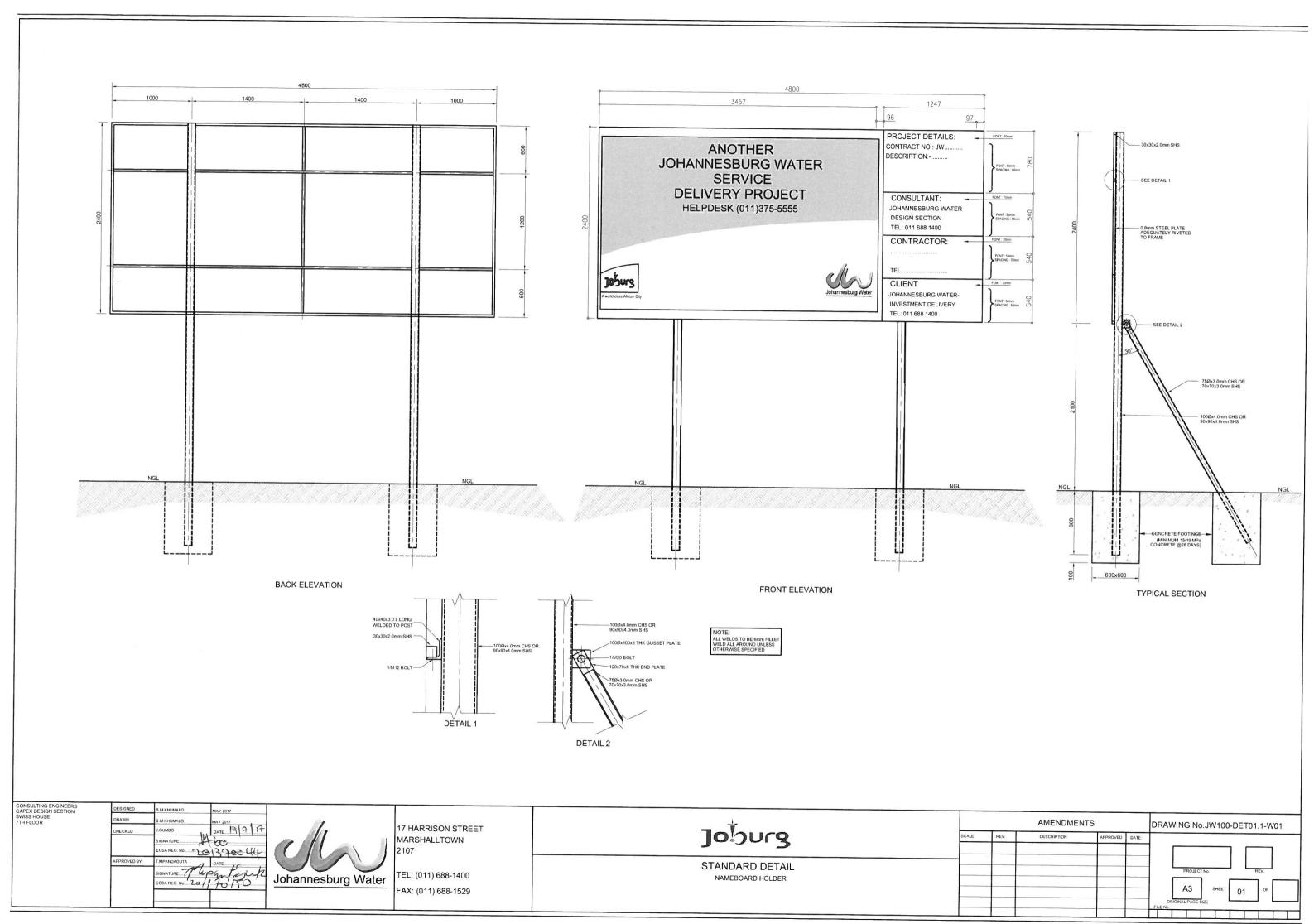
Panel of Contractors: Upgrade and Renewal of Sewer Pipelines for three (3) years on an As and When Required Basis

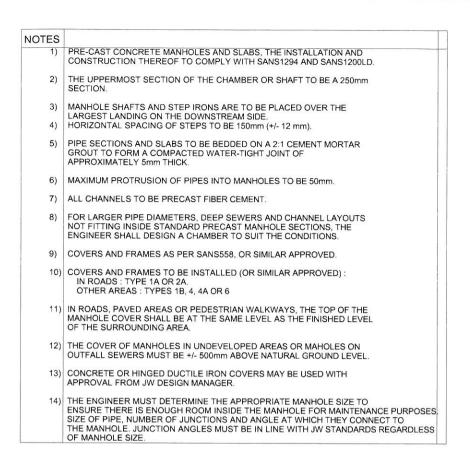
Date:

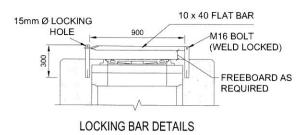
Drawing List

DRAWING NUMBER:	DESCRIPTION:
JW100-DET04-S01	Standard Detail: Nameboard
JW100-DET01.1-W01	Standard Detail: Nameboard Holder
JW100-DET01-S01	Standard Detail: Manhole Detail for Sewer Mains
JW100-DET2-S01	Standard Detail: Sewer Erf Connections
JW100-DET02-W01	Standard Detail: Sewer Mains Bedding Detail
JW100-DET01-SC01	Standard Detail: Site Camp
JW100-DET14-W01	Standard Detail: air Valve

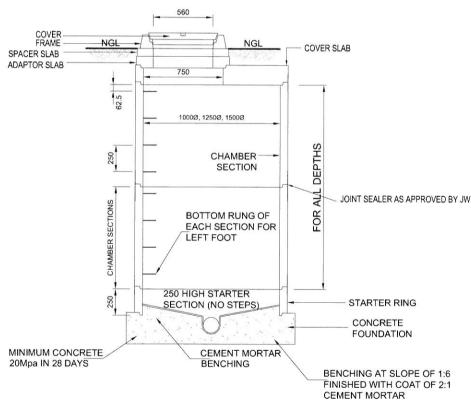




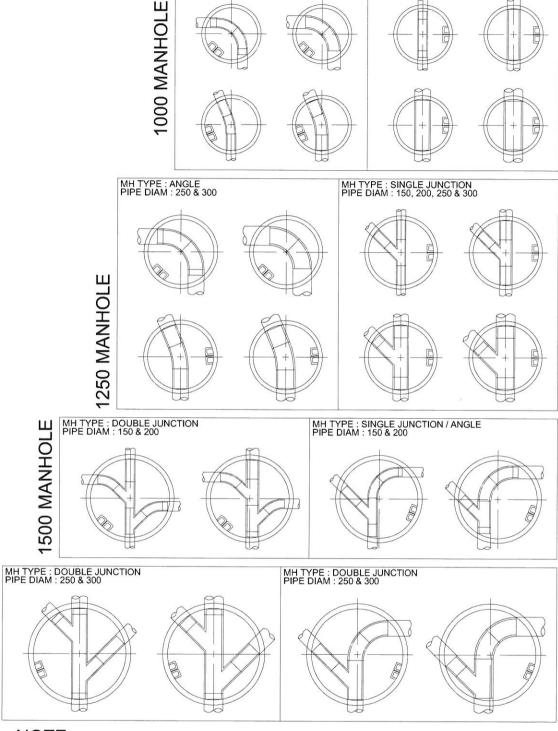








PRE CAST CONCRETE MANHOLE FOR ALL DEPTHS

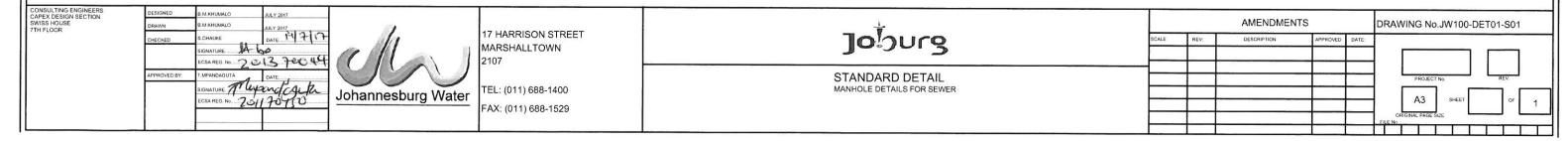


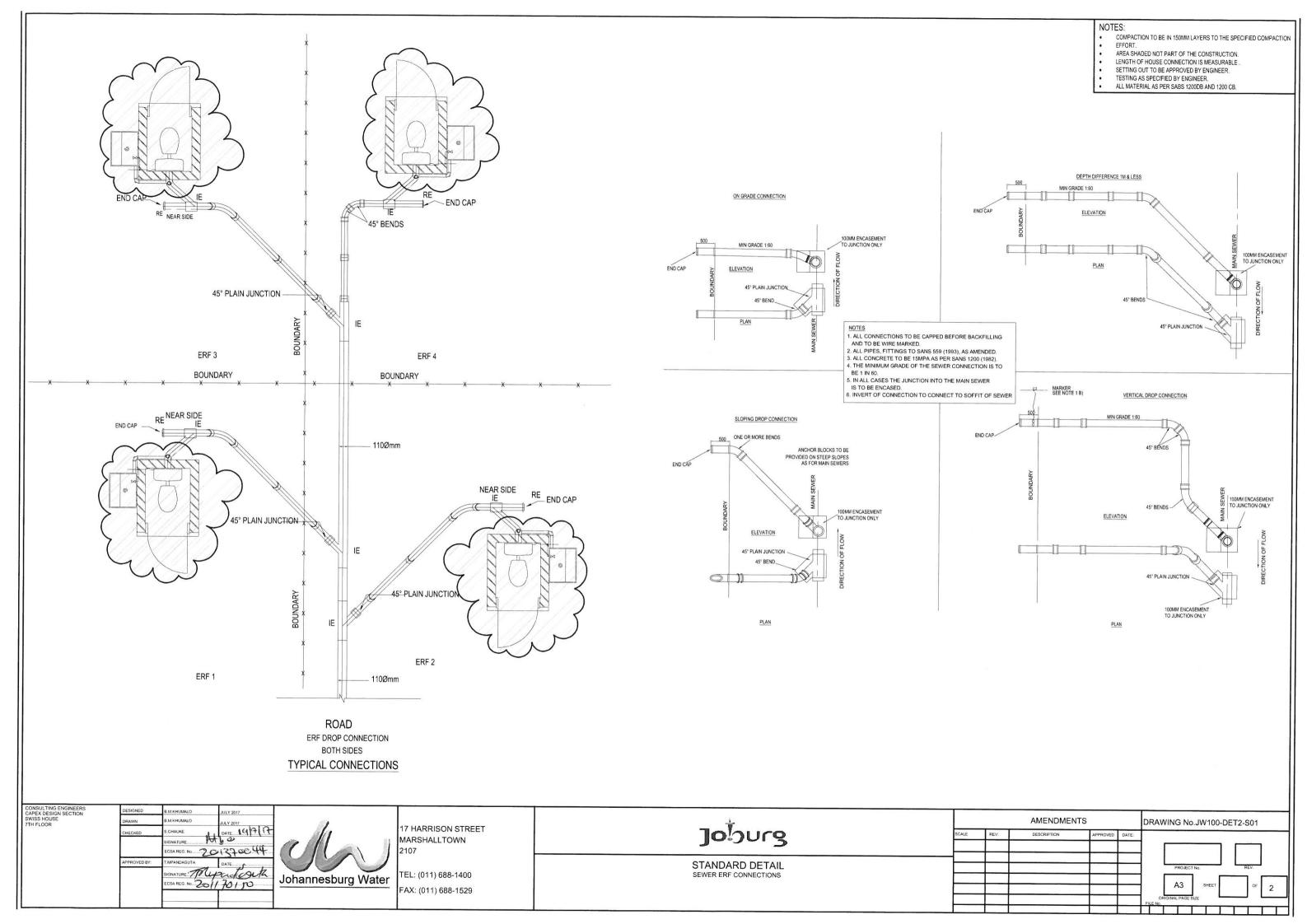
MH TYPE : ANGLE PIPE DIAM : 150 & 200

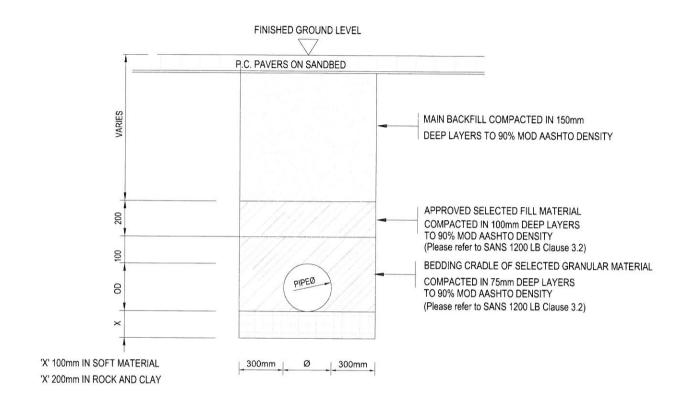
NOTE:

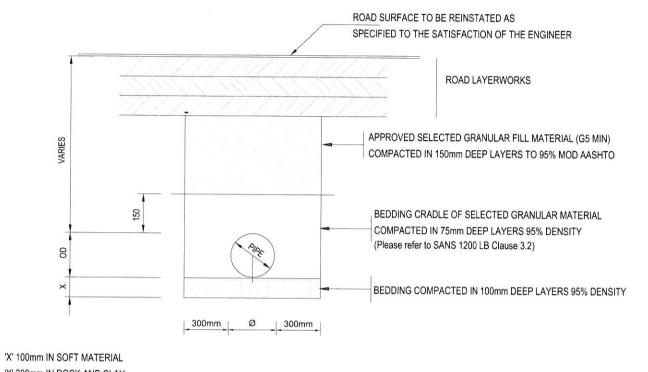
50 MANHOL

- 1. FOR MANHOLE DEEPER THAN 3m MIN DIAMETER SHALL BE 1.5m (DIAMETER)
- 2. THE ABOVE ARE BASIC GUIDELINES, THE DESIGN ENGINEER MUST DESIGN TO SUIT SITUATION WHERE NECESSARY.









'X' 200mm IN ROCK AND CLAY

TYPICAL TRENCH SECTION ACROSS PAVED WALKWAYS AND OPEN GROUND

TYPICAL TRENCH SECTION BENEATH ROAD

NOTES:

1. PIPE SIDE ALLOWANCE OF 300mm TYPICAL FOR UP TO 700mm Dia. FOR PIPES GREATER THAN 700mm REFER TO SANS 1200DB CLUASES 5.2 "MINIMUM BASE WIDTHS."

2. COMPATION OF MAIN FILL TO MINIMUM MOD AASHTO OR THAT OF SURROUNDING IN SITU UNDISTURBED GROUND AND AS DIRECTED BY THE ENGINEER.

3. DIMENSIONS IN MILLIMETERS (mm)

4. REFER ALSO TO JRA AND OTHER SERVICE PROVIDERS SPECIFICATIONS FOR BEDDING DETAILS IN ROAD RESERVES OR WHERE THE PIPE INTERSECT WITH OTHER SERVICES.

CONSULTING ENGINEERS CAPEX DESIGN SECTION SWISS HOUSE 7TH FLOOR	DESIGNED DRAWN	B.M.KHUMALO B.M.KHUMALO	MAY 2017 MAY 2017	9	17 HARRISON STREET	i W		AMENDMENTS				DRAWING No.JW100-DET02-W01		
CHECKED JGUMBO SIGNATURE ECSA REG. No. 2 O APPROVED BY: T MPANDAGUTA SIGNATURE: AUD ECSA REG. No 2 O			MARSHALLTOWN 2107	Jo!ourg	SCALE	E REV:	DESCRIPTION	APPROVED DATE:						
	APPROVED BY:	SIGNATURE May	DATE IS THE 170/50	Johannesburg water	TEL: (011) 688-1400 FAX: (011) 688-1529	STANDARD DETAIL SEWER BEDDING DETAILS					PROJE A3 ORIGINAL PAGE	SHEET 2	REV.	

