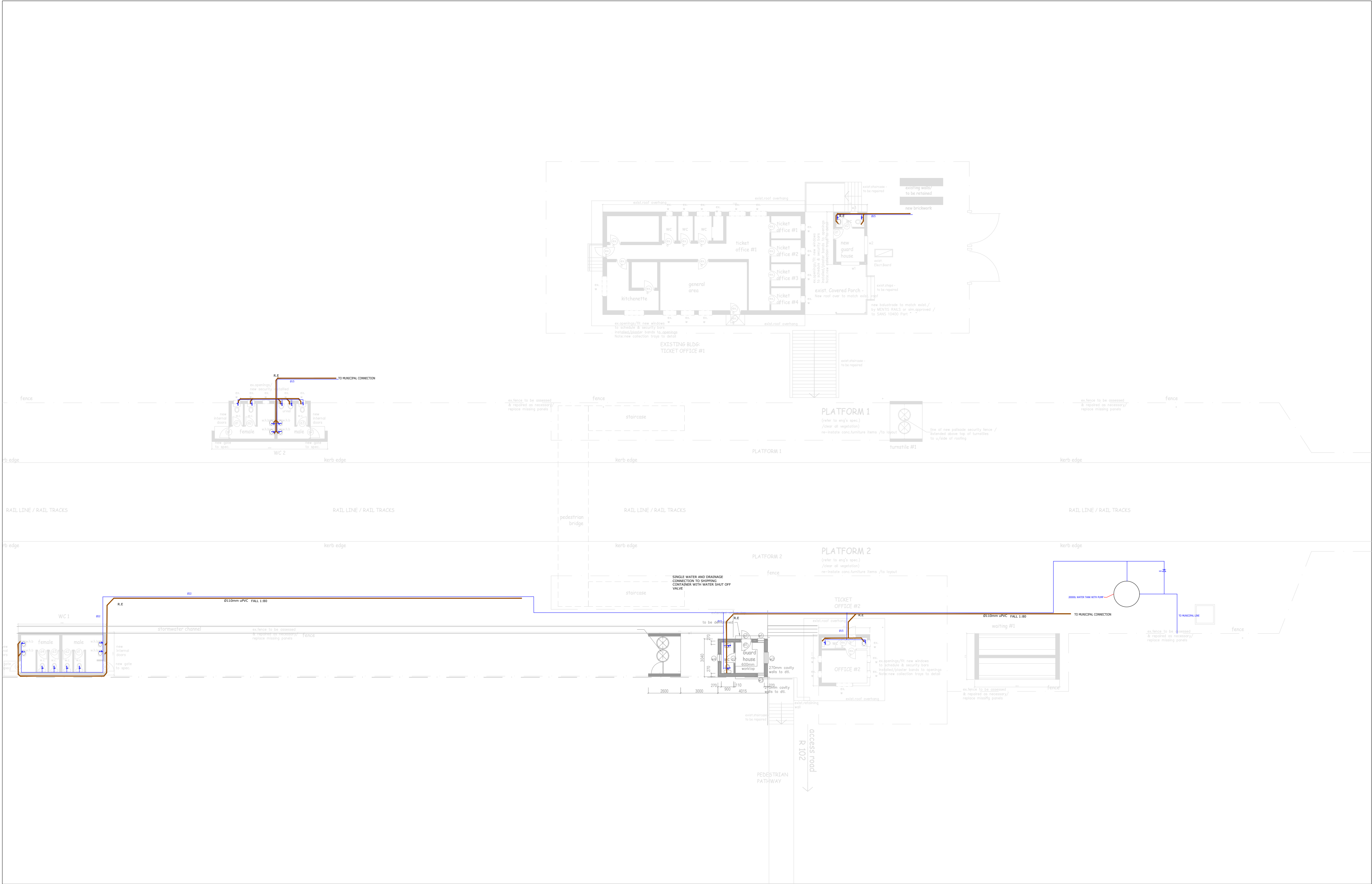




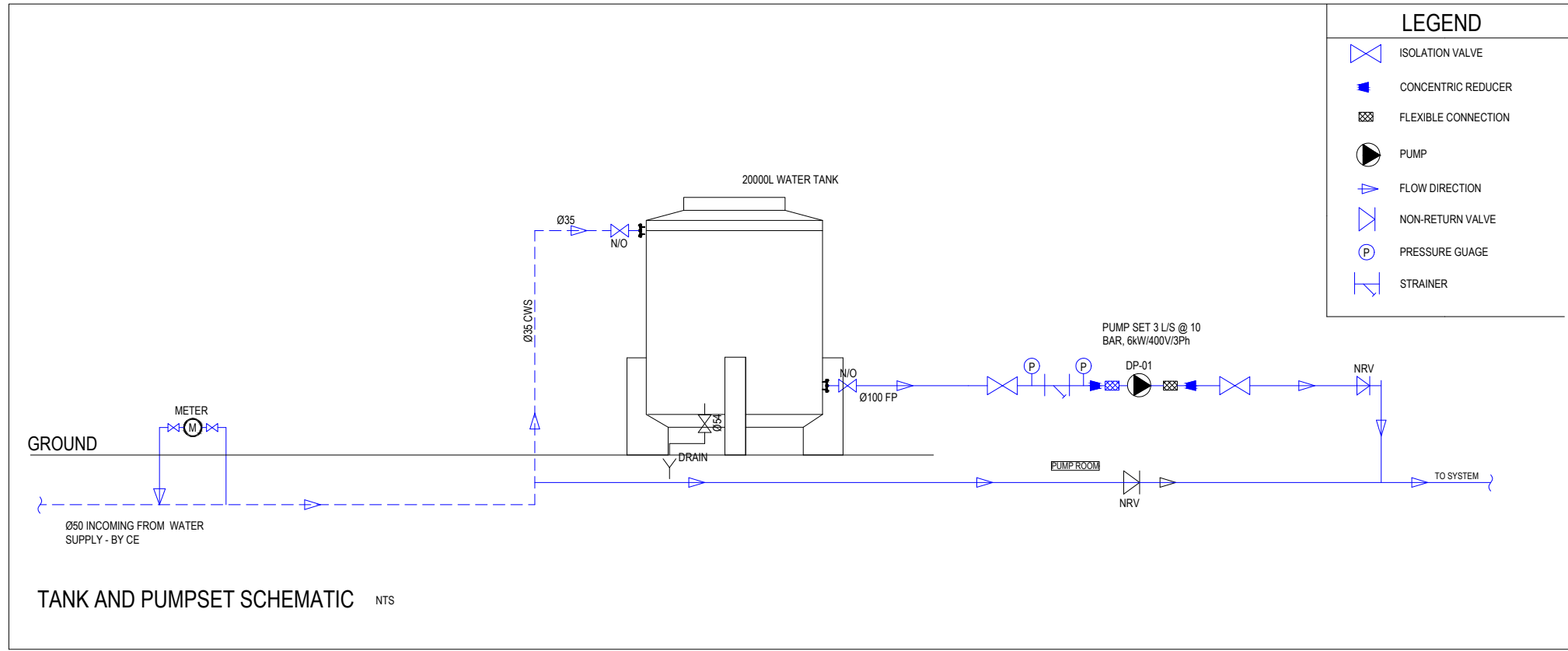
GENERAL NOTES

- ALL DIMENSIONS TO BE CHECKED ON SITE AND ON DRAWINGS, ANY DISCREPANCIES TO BE REPORTED TO THE ARCHITECT BEFORE WORK IS PUT IN HAND.

ABBREVIATIONS:

- WB - WASH BASIN
WC - WATER CLOSET
IE - INSPECTION EYE
VP - VENT
RE - PIPERODDING EYE
BT - BOTTLE TRAP
SHR - SHOWER TRAP

SYMBOL	DESCRIPTION
	15mm ISOLATING VALVE.
	PRESSURE RELEASE VALVE
	GENERAL HOUSE HOLD TAP



- NOTES:**
- ALL PLUMBING WORK SHALL BE DONE BY A REGISTERED PLUMBER IN ACCORDANCE WITH SANS 1044: PART P, SANS 10252 PART 1&2 WHERE APPLICABLE.
 - PLUMBER TO PROVIDE COPPER PIPING AS PER THE FOLLOWING INSTRUCTION:
 - CLASS 1 – SURFACE MOUNTED PIPING ONLY
 - CLASS 2 – PIPING CHASED INTO WALLS AND WRAPPED IN DENSO TAPE OR OTHER APPROVED MATERIALS ONLY
 - CLASS 3 – PIPING FOR BELOW NATURAL GROUND LEVELS ONLY AND WRAPPED IN DENSO TAPE OR OTHER APPROVED MATERIALS ONLY
 - ALL WATER FEED PIPES SHALL BE CHISELED 30MM INTO BRICKWORK WALL AND MAKE USE OF A MESL BEFORE PLASTERING THE WALL
 - ALL COPPER TUBING FOR PLUMBING SERVICES MUST BE AS PER SANS 450 CLASS 2 COPPER PIPING
 - ALL PIPING DIAMETERS SHOWN ARE FOR INTERNAL SIZES ONLY
 - HOLDERBATS MUST BE PLACED AT APPROXIMATELY 1.9 TO 2.0 METERS APART
 - ALL VALVES, FITTING AND DROPPERS MUST BE TO ACCOMMODATE SANITARYWARE POSITIONS AS INDICATED ON DRAWINGS AND AS PER SITE WORKS
 - ALL PIPING MUST BE INSTALLED STRAIGHT AND BENDS MUST BE OF 90 DEGREES WHERE NEEDED.
 - ALL DIMENSION AND ROUTES MUST BE VERIFIED ON SITE BEFORE INSTALLATION
 - CHANGES MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY
 - HOT WATER PIPING MUST HAVE INSULATION AS PER SPECIFICATION WITH ZIP SEAL SUPPLEMENTED BY CABLE TIES
 - PIPING CHASED INTO WALLS MUST BE PROPERLY CLADDED USING "BROWN PAPER" AND NOT CEMENT BAG PAPER
 - ALL FIXTURES TO BE FITTED WITH INDIVIDUAL HOT AND COLD WATER ISOLATION VALVES FOR EACH WATER LINE
 - THE DRIP TRAY SHALL BE INSTALLED AND BE SUPPORTED BY TIMBER THAT COMPLIES WITH ATLEAST GRADE 5 OF SANS 1783-2 WITH MINIMUM 114X50MM SPACING APART COMPLIES WITH SANS 10400-L
 - PLUMBING COC MUST BE ISSUED AS PER PIRB FOR ALL INSTALLATION, REPLACEMENT OR REPAIR WITH HW RETICULATION

- DRAINAGE CONNECTIONS**
- SANITARY FIXTURES THAT SHOULD DISCHARGE THROUGH AN INTERCEPTOR INCLUDE KITCHENS SINKS, DISHWASHERS, GARBAGE CAN WASHERS, FLOOR DRAINS THAT MIGHT RECEIVE GREASY WASTES AND ANY OTHER FIXTURES THAT MIGHT DISCHARGE GREASY WASTES.
 - ALL WATER SUPPLYING PIPING TO RUN INSIDE OCCUPIED AREAS, ONLY 1 INLET TO BE VISIBLE ON EXTERIOR OF THE BUILDING NOT LONGER OR HIGHER THAN 300MM ABOVE THE CONCRETE
 - WHERE REQUIRED A 110MM STUB STACK MUST BE PROVIDED WITH VENT VALVE FIXED TO WALL
 - RODDING EYES SHALL BE PROVIDED AT THE HEAD OF THE DRAIN AND WITHIN A 1.5M CONNECTION POINT WITH AN INSPECTION EYE AT EACH JUNCTION POINT OF THE DRAINAGE LINE
 - RODDING EYES EMBEDDED IN CONCRETE MUST BE CLEARLY MARKED
 - MAINS SUPPLY DRAIN PIPES MUST BE ATLEAST 1 METER AWAY FROM THE WALL
 - INVERT LEVELS AT HEAD OF DRAIN TO BE MINIMUM OF 450MM

- ABOVE GROUND DRAIN PIPING SHALL:**
- HAVE A MINIMUM FALL OF 1:55 WHERE SEVERAL BRANCH PIPES CONNECT AT THE SAME POINT
 - VENTILATION PIPES SHALL BE VERMIN PROOF
 - VENTILATION PIPES SHALL BE MINIMUM 35MM DIAMETER
 - IF VENTILATION PIPING IS WITHIN 3M OF A OPERABLE WINDOW IT SHALL EXTEND 900MM ABOVE THE TOP OF THE WINDOW
 - WASTE STACK DISCHARGES THAT TERMINATE AT A COMMON GULLY SHALL BE P-TRAPPED AND HAVE EQUAL DIAMETERS
 - BEND IN BRANCH PIPES TO BE AVOIDED AS COMMON PRACTISE
 - ALL BRANCH PIPES TO CONNECT TO STACK WITH 45 DEGREE CONNECTION

GENERAL NOTES:

Revision Schedule

REV	DATE	DESCRIPTION
B	14/10/2022	WET SERVICES LAYOUT

CLIENT:



PROJECT MANAGERS /IMPLEMENTATION:



DISCIPLINE: MECHANICAL



	NAME	REG. NO.	SIGNATURE	DATE
DRAWN	T.M			30/06/2022
DESIGNED	T.M			30/06/2022
CHECKED	R.R			30/06/2022

PROJECT DESCRIPTION

PRASA East London - Berlin Corridor Stations Upgrade

DRAWING TITLE

MDANTSANE STATION WET SERVICES LAYOUT

SHEET SIZE		A1	
SCALE		1 : 200	
DISCIPLINE	DRAWING NUMBER	STATUS	REVISION
MECHANICAL	ELM-P026	D	B

8 May 2023

Nkululo Zulu

HoD: PMU

FOR
DESIGN DEVELOPMENT