

**CONSTRUCTION OF THE LOSKOP REGIONAL BULK WATER SUPPLY SCHEME IN
THEMBISILE HANI LOCAL MUNICIPALITY, PHASE 1 – WORK PACKAGE 2**

DRAWING DESCRIPTION	DRAWING DESCRIPTION
BULK PUMP MAIN	
N/3110/W/1/002/RB	GENERAL LAYOUT OF PROPOSED RAW WATER PUMP MAIN
N/3110/RW/W/11/025/RB	PIPE SUPPORT AND PIPE HOOP DETAILS
N/3110/RW/W/11/002/RB	RAW WATER GRAVITY MAIN ALONG CANAL ROUTE – GENERAL DETAILS SHEET 1 OF 2
N/3110/RW/W/11/003/RA	RAW WATER GRAVITY MAIN ALONG CANAL ROUTE – GENERAL DETAILS SHEET 2 OF 2
N/3110/RW/W/11/004/RA	RAW WATER GRAVITY MAIN ALONG CANAL ROUTE : BEDDING AND COLUMN MARKER DETAILS
N/3110/G/10/001/RA	SIGN BOARD
N/3110/P2/W/9/001/RB	PROPOSED BULK WATER LINE. PUMPSTATION 2 LAYOUT 1 OF 11
N/3110/P2/W/9/002/RB	PROPOSED BULK WATER LINE. PUMPSTATION 2 LAYOUT 2 OF 11
N/3110/P2/W/9/003/RB	PROPOSED BULK WATER LINE. PUMPSTATION 2 LAYOUT 3 OF 11
N/3110/P2/W/9/004/RB	PROPOSED BULK WATER LINE. PUMPSTATION 2 LAYOUT 4 OF 11
N/3110/P2/W/9/005/RB	PROPOSED BULK WATER LINE. PUMPSTATION 2 LAYOUT 5 OF 11
N/3110/P2/W/9/006/RB	PROPOSED BULK WATER LINE. PUMPSTATION 2 LAYOUT 6 OF 11
N/3110/P2/W/9/007/RB	PROPOSED BULK WATER LINE. PUMPSTATION 2 LAYOUT 7 OF 11
N/3110/P2/W/9/008/RB	PROPOSED BULK WATER LINE. PUMPSTATION 2 LAYOUT 8 OF 11
N/3110/P2/W/9/009/RB	PROPOSED BULK WATER LINE. PUMPSTATION 2 LAYOUT 9 OF 11
N/3110/P2/W/9/010/RB	PROPOSED BULK WATER LINE. PUMPSTATION 2 LAYOUT 10 OF 11
N/3110/P2/W/9/011/RB	PROPOSED BULK WATER LINE. PUMPSTATION 2 LAYOUT 11 OF 11
N/3110/P3/W/9/001/RA	PROPOSED BULK WATER LINE. PUMPSTATION 3 LAYOUT 1 OF 9
N/3110/P3/W/9/002/RA	PROPOSED BULK WATER LINE. PUMPSTATION 3 LAYOUT 2 OF 9
N/3110/P3/W/9/003/RA	PROPOSED BULK WATER LINE. PUMPSTATION 3 LAYOUT 3 OF 9
N/3110/P3/W/9/004/RA	PROPOSED BULK WATER LINE. PUMPSTATION 3 LAYOUT 4 OF 9
N/3110/P3/W/9/005/RA	PROPOSED BULK WATER LINE. PUMPSTATION 3 LAYOUT 5 OF 9
N/3110/P3/W/9/006/RA	PROPOSED BULK WATER LINE. PUMPSTATION 3 LAYOUT 6 OF 9
N/3110/P3/W/9/007/RA	PROPOSED BULK WATER LINE. PUMPSTATION 3 LAYOUT 7 OF 9
N/3110/P3/W/9/008/RA	PROPOSED BULK WATER LINE. PUMPSTATION 3 LAYOUT 8 OF 9
N/3110/P3/W/9/009/RA	PROPOSED BULK WATER LINE. PUMPSTATION 3 LAYOUT 9 OF 9
N/3110/G/7/301/RA	RAW WATER BOOSTER PUMP STATION : 3 : EARTHWORKS
N/3110/W/6/301/RA	RAW WATER BOOSTER PUMP STATION : 3
N/3110/W/6/302/RA	RAW WATER BOOSTER PUMP STATION : 3
N/3110/W/6/303/RA	RAW WATER BOOSTER PUMP STATION : 3 : ELEVATIONS
N/3110/M/6/301/RA	RAW WATER BOOSTER PUMP STATION : 3: MECHANICAL LAYOUT & SECTIONS
N/3110/M/6/302/RA	RAW WATER BOOSTER PUMP STATION : 3: PIPEWORK 1 OF 2
N/3110/M/6/303/RA	RAW WATER BOOSTER PUMP STATION : 3 : PIPEWORK 2 OF 2
N/3110/P4/W/9/001/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 1 OF 34

N/3110/P4/W/9/002/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 2 OF 34
N/3110/P4/W/9/003/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 3 OF 34
N/3110/P4/W/9/004/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 4 OF 34
N/3110/P4/W/9/005/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 5 OF 34
N/3110/P4/W/9/006/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 6 OF 34
N/3110/P4/W/9/007/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 7 OF 34
N/3110/P4/W/9/008/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 8 OF 34
N/3110/P4/W/9/009/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 9 OF 34
N/3110/P4/W/9/010/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 10 OF 34
N/3110/P4/W/9/011/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 11 OF 34
N/3110/P4/W/9/012/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 12 OF 34
N/3110/P4/W/9/013/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 13 OF 34
N/3110/P4/W/9/014/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 14 OF 34
N/3110/P4/W/9/015/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 15 OF 34
N/3110/P4/W/9/016/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 16 OF 34
N/3110/P4/W/9/017/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 17 OF 34
N/3110/P4/W/9/018/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 18 OF 34
N/3110/P4/W/9/019/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 19 OF 34
N/3110/P4/W/9/020/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 20 OF 34
N/3110/P4/W/9/021/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 21 OF 34
N/3110/P4/W/9/022/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 22 OF 34
N/3110/P4/W/9/023/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 23 OF 34
N/3110/P4/W/9/024/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 24 OF 34
N/3110/P4/W/9/025/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 25 OF 34
N/3110/P4/W/9/026/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 26 OF 34
N/3110/P4/W/9/027/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 27 OF 34
N/3110/P4/W/9/028/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 28 OF 34
N/3110/G/7/401/RA	RAW WATER BOOSTER PUMP STATION : 4 : EARTHWORKS
N/3110/W/6/401/RA	RAW WATER BOOSTER PUMP STATION : 4
N/3110/W/6/402/RA	RAW WATER BOOSTER PUMP STATION : 4
N/3110/W/6/403/RA	RAW WATER BOOSTER PUMP STATION : 4 : ELEVATIONS
N/3110/M/6/401/RA	RAW WATER BOOSTER PUMP STATION : 4: MECHANICAL LAYOUT & SECTIONS
N/3110/M/6/402/RA	RAW WATER BOOSTER PUMP STATION : 4: PIPEWORK 1 OF 2
N/3110/M/6/403/RA	RAW WATER BOOSTER PUMP STATION : 4 : PIPEWORK 2 OF 2
N/3110/W/6/091/RA	HANDRAILING : STANDARD DETAILS
N/3110/W/6/092/RA	1.82m HIGH SECURITY FENCE: TYPICAL PLAN VIEWS AND ELEVATIONS
N/3110/W/6/093/RA	1.82m HIGH SECURITY FENCE: TYPICAL DETAILS
N/3110/W/7/210/RA	RAW WATER BOOSTER PUMP STATION : ABECO STORAGE TANK PLINTH
N/3110/W/7/002/RA	SITE LAYOT OF RAW WATER RESERVOIR 10MI
N/3110/W/7/003/RA	10MI RAW WATER RESERVOIR: FLOOR SLAB LAYOUT
N/3110/W/7/004/RA	10MI RAW WATER RESERVOIR: ROOF SLAB LAYOUT
N/3110/W/7/005/RA	10MI RAW WATER RESERVOIR: SUBSOIL DRAINAGE LAYOUT

N/3110/W/7/006/RA	10MI RAW WATER RESERVOIR: SECTION A-A – SECTION D-D INLET SCOUR PIPEWORK
N/3110/W/7/007/RA	10MI RAW WATER RESERVOIR: SCOUR AND OVERFLOW DETAILS
N/3110/W/7/008/RA	10MI RAW WATER RESERVOIR: DETAIL, LAYOUT & SECTIONS
N/3110/W/7/100/RA	10MI RESERVOIR GENERAL CONSTRUCTION DETAILS
N/3110/W/7/101/RA	10MI RESERVOIR JOINT DETAILS
N/3110/W/7/102/RB	10MI RESERVOIR PIPE DETAILS
N/3110/W/7/103/RA	10MI RESERVOIR STEEL LADDER SHEET 1 OF 3
N/3110/W/7/104/RA	10MI RESERVOIR STEEL LADDER SHEET 2 OF 3
N/3110/W/7/105/RA	10MI RESERVOIR STEEL LADDER SHEET 3 OF 3
N/3110/W/7/501/RA	PUMP STATION GANTRY TYPICAL DETAILS
N/3110/M/7/001/RA	10MI RAW WATER RESERVOIR: INLET DETAILS
N/3110/M/7/002/RA	10MI RAW WATER RESERVOIR: SCOUR OVERFLOW DETAILS
N/3110/M/7/003/RA	10MI RAW WATER RESERVOIR: OUTLET DETAILS
N/3110/W/8/097/RA	PUMP STATIONS STANDARD DETAILS

GRAVITY 2

N/3110/P4/W/9/029/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 29 OF 34
N/3110/P4/W/9/030/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 30 OF 34
N/3110/P4/W/9/031/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 31 OF 34
N/3110/P4/W/9/032/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 32 OF 34
N/3110/P4/W/9/033/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 33 OF 34
N/3110/P4/W/9/034/RA	PROPOSED BULK WATER LINE. PUMPSTATION 4 LAYOUT 34 OF 34

GENERAL DETAILS

N/3110/G/9/001/RA	GENERAL NOTES
-------------------	---------------

AIR VALVE DETAILS

N/3110/W/11/005/RA	BULK WATER PUMP MAIN – AIR VALVE ASSEMBLIES & CHAMBERS (SHEET 1 OF 7)
N/3110/W/11/006/RA	BULK WATER PUMP MAIN – AIR VALVE ASSEMBLIES & CHAMBERS (SHEET 2 OF 7)
N/3110/W/11/007/RA	BULK WATER PUMP MAIN – AIR VALVE ASSEMBLIES & CHAMBERS (SHEET 3 OF 7)
N/3110/W/11/008/RA	BULK WATER PUMP MAIN – AIR VALVE ASSEMBLIES & CHAMBERS (SHEET 4 OF 7)
N/3110/W/11/009/RA	BULK WATER PUMP MAIN – AIR VALVE ASSEMBLIES & CHAMBERS (SHEET 5 OF 7)
N/3110/W/11/010/RA	BULK WATER PUMP MAIN – AIR VALVE ASSEMBLIES & CHAMBERS (SHEET 6 OF 7)
N/3110/W/11/011/RA	BULK WATER PUMP MAIN – AIR VALVE ASSEMBLIES & CHAMBERS (SHEET 7 OF 7)
N/3110/W/11/012/RA	BULK WATER PUMP MAIN – 150mm SCOUR VALVE FOR 600mmØ MAIN - DETAILS

CROSSINGS

N/3110/W/11/019/RA	BULK WATER – DETAIL – ROAD CROSSING 2
N/3110/W/11/020/RA	BULK WATER – DETAIL – ROAD CROSSING 3
N/3110/W/11/021/RA	BULK WATER – DETAIL – ROAD CROSSING 4

N/3110/W/11/022/RA	BULK WATER – DETAIL – ROAD CROSSING 5
N/3110/W/11/023/RA	BULK WATER – DETAIL – ROAD CROSSING 6
N/3110/W/11/024/RA	BULK WATER – DETAIL – ROAD CROSSING 7