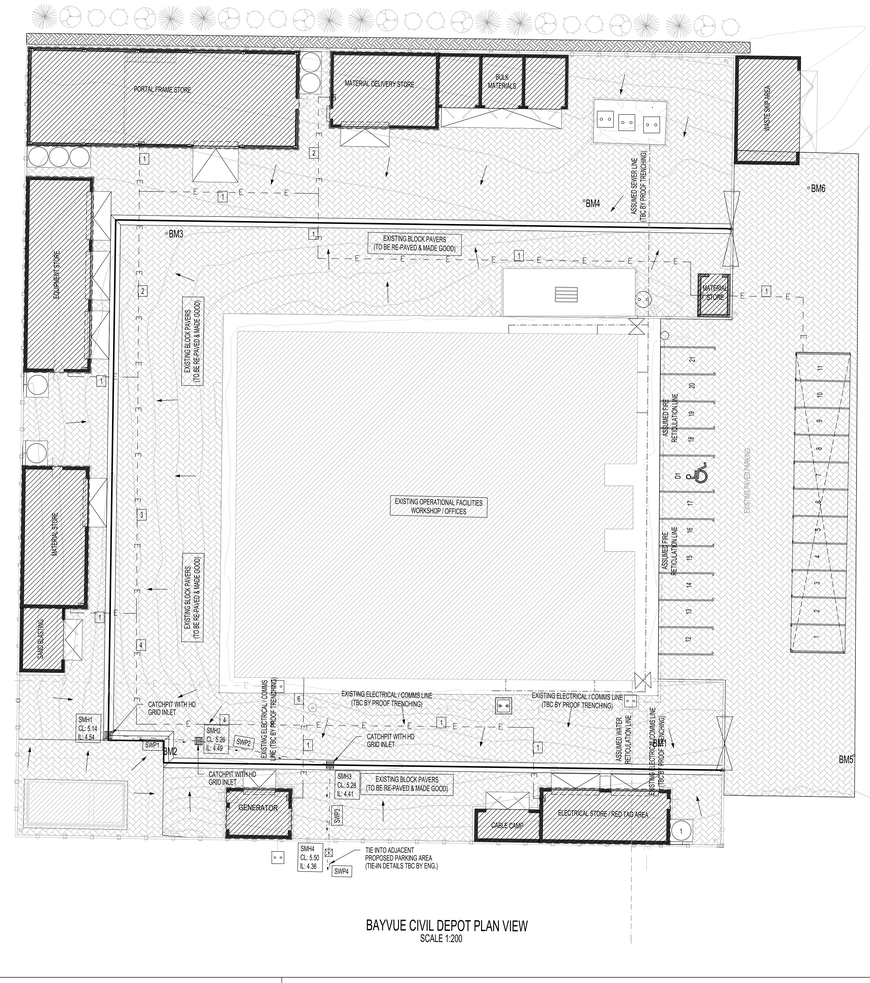


BAYVUE CIVIL DEPOT PLAN VIEW
SCALE 1:200

LOCALITY MAP
SCALE: NTS

LEGEND

- EXISTING FIRE HYDRANT
- EXISTING CABLE CHAMBER
- EXISTING BUILDING / STRUCTURE
- PROPOSED BUILDING / STRUCTURE
- EXISTING ELECTRICAL / COMMS MANHOLE
- STORMWATER HARVESTING TANK
- STORMWATER MANHOLE
- STORMWATER MANHOLE (TYPE 8 GRATING)
- PROPOSED STORMWATER V-DRAIN CHANNEL
- DIRECTION OF STORMWATER FLOW
- DIRECTION OF SURFACE RUNOFF
- EXISTING STORMWATER PIPE
- PROPOSED STORMWATER PIPE
- EXISTING ELECTRICALS / COMMS CABLES
- PROPOSED ELECTRICALS CABLES
- EXISTING SEWER LINE
- EXISTING WATER MAINS
- EXISTING FIRE SUPPLY PIPING
- VEGETATION (EROSION PREVENTION)
- PROPOSED SOIL BERM
- PROPOSED CABLE CHAMBER
- NUMBER OF PROPOSED ELECTRICAL OR COMMS CABLES
- ELECTRICAL DISTRIBUTION BOARD

NOTES

1. ALL CO-ORDINATES ARE BASED ON THE SOUTH AFRICAN CO-ORDINATE SYSTEM HARTEBEESHOEK 94, WGS 84 Lo 19
2. MEASUREMENTS ARE BASED ON THE METRIC SYSTEM
3. ALL LEVELS ARE IN METERS TO MEAN SEA LEVEL (MSL)

CONCRETE NOTES:
1. SCREED TO BE CLASS 20 / 19 CONCRETE.
2. BACKING CONCRETE MINIMUM CLASS 20 / 19 CONCRETE TO BE ROUGH-SHUTTER MECHANICAL VIBRATION.
3. CHANNEL : MINIMUM CLASS 20 / 19 CONSTRUCTED AFTER BACKING CONCRETE HAS SMOOTH FINISH AND R 10 ARRIS TO CORNERS.
4. ALL PRECAST KERBING SHALL HAVE CONTINUOUS IN-SITU BACKING CONCRETE.
5. WOOD FLOAT FINISH TO SURFACE OF 'V' CHANNEL.
6. CAST 'V' CHANNEL IN ALTERNATIVE SECTIONS OF 700 mm WIDTH AND LENGTHS NOT EXCEEDING 1.5m.
7. DETAILS TO BE READ INCONJUCTION WITH STANDARD ROADS DETAILS.

STORMWATER NOTES
1. TRENCHES FOR PIPES TO BE EXCAVATED AND BACKFILLED IN ACCORDANCE WITH THE REQUIREMENT OF SANS 1200 DB - PIPE TRENCHES.
2. ALL RC PIPES SHALL HAVE CLASS C BEDDING AND uPVC PIPES SHALL HAVE BEDDING FOR FLEXIBLE PIPES IN ACCORDANCE WITH SANS 1200 LB - BEDDING.
3. CONCRETE STORMWATER PIPES SHALL BE SPIGOT & SOCKET CLASS 100D (SANS 677).
4. uPVC PIPES SHALL BE CLASS 34 TO SANS 791.
5. ALL CONCRETE PIPE JOINTS TO BE WRAPPED WITH 'A2 BIDIM' (NONWOVEN, CONTINUOUS FILAMENT, NEEDLE PUNCHED, POLYESTER, GEOTEXTILE) MIN. WIDTH TO BE 750mm FOR PIPES 300Ø TO 600Ø.
6. NB! ALL MANHOLES COVERS TO SUIT CROSSFALL OF PAVING.

ELECTRICAL AND COMMUNICATION NOTES
1. ALL DUCT PIPES SHALL COMPRISE uPVC PIPES TO SANS 791 (CLASS 34, HOMOGENOUS SOLID-WALL PIPES).
2. BEDDING OF DRAINS SHALL BE FOR FLEXIBLE PIPES, IN ACCORDANCE WITH SANS 1200 LB.
3. ALL DUCTS LESS THAN 800mm COVER TO BE CONCRETE ENCASED OR UNLESS OTHERWISE STATED BY THE ELECTRICAL ENGINEER.
4. NB. ALL MANHOLE COVERS TO SUIT CROSSFALL OF FINISHED PAVING.
5. THE CONTRACTOR SHALL SUBMIT A FULL SET OF AS-BUILT DRAWINGS UPON COMPLETION OF THE INSTALLATION.
6. ANY DISCREPANCIES IN LEVELS AND SETTING OUT DATA TO BE QUERIED WITH THE ENGINEER PRIOR TO COMMENCEMENT OF ANY WORK.

EARTHWORKS
1. ANY DISCREPANCIES IN LEVELS AND SETTING OUT DATA TO BE QUERIED WITH THE ENGINEER PRIOR TO COMMENCEMENT OF ANY WORK.
2. ALL WORKMANSHIP TO BE IN ACCORDANCE WITH SANS 1200 PART D : EARTHWORKS AND THE RELEVANT PROJECT SPECIFICATIONS AS INCLUDED IN THE CONTRACT.
3. BEFORE PLACING ANY FILL MATERIAL, THE EXISTING GROUND SURFACE MUST BE CLEARED AND GRUBBED OF ALL VEGETATION AND ORGANIC MATTER.
4. TOPSOIL 200mm MUST BE STRIPPED AND STOCKPILED.
5. WHERE THE MATERIAL GROUND LINE IS STEEPER THAN 1:6, BENCHING MUST BE EXCAVATED INTO EXISTING SURFACE PRIOR TO RECEIVING FILL.
6. UNLESS OTHERWISE INDICATED, ALL BANK BATTERS TO BE : 1:2 CUT AND 1:2 FILL
7. THE UNCOMPACTED THICKNESS OF FILL LAYERS SHALL NOT EXCEED 300mm
8. LOCATE ALL EXISTING SERVICES PRIOR TO ANY CONSTRUCTION TAKING PLACE.

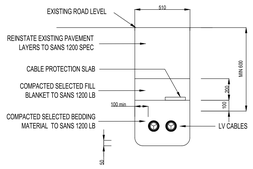
GENERAL NOTES
1. THE CONTRACTOR WILL BE DEEMED TO HAVE INSPECTED THE SITE AND BE IN AGREEMENT WITH THE WORKS REQUIRED AS PER THE TENDER DOCUMENTS, UNLESS ALTERNATIVE PROPOSALS WITH COST IMPLICATIONS ARE RECEIVED TOGETHER WITH THE TENDER DOCUMENTS, ALTERNATIVE PROPOSALS SUBMITTED DURING CONSTRUCTION SHALL BE ON A DESIGN AND CONSTRUCT BASIS, WITH THE DESIGN AT CONTRACTOR'S EXPENSE.
2. VARIATIONS DEEMED NECESSARY BY THE CONTRACTOR SHALL BE FORWARDED TO THE PROJECT MANAGER IN WRITING FOR APPROVAL BEFORE ANY CONSTRUCTION BASED ON THE VARIATION COMMENCES.
3. SERVICES SHOWN ON DRAWING ARE KNOWN OR SOURCED FROM EXISTING DRAWINGS. THE CONTRACTOR MUST ENSURE THAT ALL SERVICES THAT INTERSECT OR RUN ALONGSIDE THE PROPOSED WORKS ARE LOCATED BEFORE CONSTRUCTION COMMENCES. ANY CLASHES SHALL BE REPORTED TO THE PROJECT MANAGER IN WRITING. THE CONTRACTOR SHALL BE HELD LIABLE FOR ANY DAMAGES TO EXISTING SERVICES DUE TO NEGLIGENCE.
4. ALL EXISTING PIPES AND MANHOLES INCORPORATED INTO THE NEW SYSTEM SHALL HAVE DEFECTS RECTIFIED TO COMPLY TO STANDARDS FOR NEW WORKS.
5. ALL LEVELS AND DIMENSIONS SHALL BE CHECKED BEFORE ANY WORK COMMENCES. FAILURE TO DO SO SHALL DEEM THE CONTRACTOR LIABLE FOR ANY WORK REQUIRED TO RECTIFY ERRORS AS A RESULT OF THE FAILURE TO CHECK THE LEVELS AND DIMENSIONS.
6. THE LATEST REVISION OF SANS SPECIFICATIONS SHALL APPLY. ALL WORK SHALL BE DONE IN ACCORDANCE WITH RELEVANT SANS SPECIFICATIONS, UNLESS OTHERWISE INDICATED.

MANHOLE DATA (WGS84, Lo19)

NAME	IL [m]	DESCRIPTION	NORTHING (Y)	EASTING (X)
SMH1	4.54	HD GRID INLET SW MANHOLE	-3652333.940	95677.491
SMH2	4.49	HD GRID INLET SW MANHOLE	-3652334.482	95669.141
SMH3	4.41	HD GRID INLET SW MANHOLE	-3652336.690	95657.024
SMH4	4.63	HD SW SUMP WITH PUMP	-3652344.807	95657.138

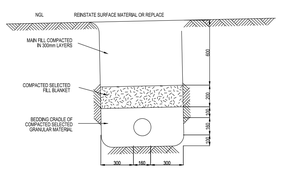
STORMWATER PIPE DATA

NAME	SIZE [mm]	MATERIAL & CLASS	LENGTH [m]	NODES
SWP1	160 Ø	CLASS 100D CONCRETE PIPE	8.4	SMH1-SMH2
SWP2	160 Ø	CLASS 100D CONCRETE PIPE	13.3	SMH2-SMH3
SWP3	160 Ø	CLASS 100D CONCRETE PIPE	9.6	SMH3-SMH4
SWP4	160 Ø	CLASS 100D CONCRETE PIPE	10.0	SMH4-TBC

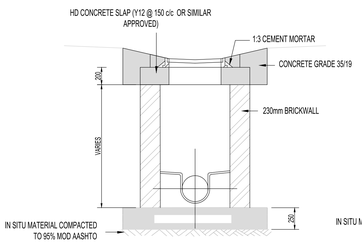


TYPICAL LV CABLE/SLEEVE RUN BEDDING DETAIL
SCALE NTS

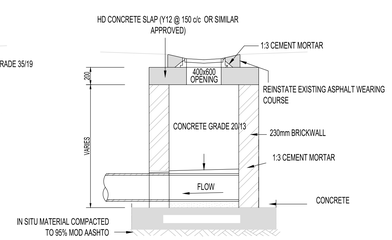
NOTES:
1. THE CONTRACTOR SHALL CONFIRM ALL ELECTRICAL/COMMS CABLE TRENCH DEPTHS WITH THE ENGINEER PRIOR TO CONSTRUCTION.
2. A MINIMUM DEPTH OF 600mm IS REQUIRED FOR ALL ELECTRICAL/COMMS - CHANGES SHALL BE APPROVED BY ENGINEER.



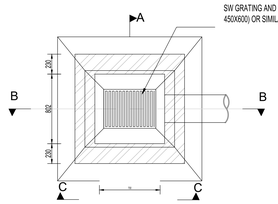
TYPICAL SECTION BEDDING DETAIL (1200 LB-2)
FLEXIBLE / RIGID WRAPPED SW PIPE
SCALE NTS



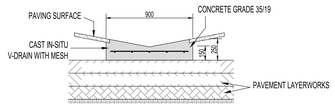
SECTION A - A



SECTION B - B



PLAN VIEW (GRID INLET)



SECTION C - C (CONC. V-DRAIN TIE IN DETAIL)

TYPICAL DETAIL: SW GRID INLET MANHOLE DETAILS

SCALE 1:50

ADDITIONAL SIGNATORIES

SBH - PORT ENGINEER		SBH - FACILITIES MANAGER	
MR.		MR.	
SIGNATURE	DATE	SIGNATURE	DATE

FOR APPROVAL

No.	DESCRIPTION / REVISIONS	DATE
D	ISSUED FOR TENDER	2023-03-03
C	ISSUED FOR SQUAD CHECK	2022-09-02
B	ISSUED FOR CLIENT APPROVAL	2022-02-01
A	ISSUED FOR CLIENT REVIEW	2021-11-10

TRANSNET national ports authority

PROJECT / AREA / ASSET / SUBJECT
PORT OF SALDANHA
OPERATIONAL FACILITY FOR INFRASTRUCTURE MAINTENANCE

MOSS GAS SITE
PRIVATE BAG X 1
SALDANHA
TEL: (022) 703 9440

DRAWING TITLE
BULK SERVICES LAYOUT: STORMWATER AND ELECTRICAL

DATE	2023-03-01	SBH - ENG / TECH / TECHNI MR. M. TEFFO	
SCALE	AS SHOWN	SIGNATURE	DATE
DESIGNED BY	MT	SBH - DESIGNER MR. M. TEFFO	
CHECKED BY	AP	SIGNATURE	DATE 01/03/2023
DRAWN BY	MT	SBH - SNR ENGINEER MR. M. MALAPANE	
APPROVED BY	MM	SIGNATURE	DATE 03/03/2023

DESIGN & DRAWING SIGN OFF

PAPER SIZE	TRANSNET DRW. NO.	SHEET	REV.
A0	SBH07T1003-001-03		
SHEET 1 OF 1	CONSULTANT / CONTRACTOR DRW. NO.		

PORTAL FRAME STORE

MATERIAL DELIVERY STORE

BULK MATERIALS

WASTE SKIP AREA

EXISTING BLOCK PAVERS
(TO BE RE-PAVED & MADE GOOD)

ASSUMED SEWER LINE
(TBC BY PROOF TRENCHING)

EQUIPMENT STORE

PAVING

WASHING SLAB

MATERIAL STORE

KERB

ASSUMED FIRE RETICULATION LINE

PROPOSED COVERED PARKING

EXISTING BLOCK PAVERS
(TO BE RE-PAVED & MADE GOOD)

MATERIAL STORE

SAND BLASTING

OPERATIONAL FACILITIES WORKSHOP / OFFICES

KERB

ASSUMED FIRE RETICULATION LINE

EXISTING ELECTRICAL / COMMS LINE
(TBC BY PROOF TRENCHING)

EXISTING ELECTRICAL / COMMS LINE
(TBC BY PROOF TRENCHING)

EXISTING ELECTRICAL / COMMS LINE
(TBC BY PROOF TRENCHING)

ASSUMED WATER RETICULATION LINE

EXISTING ELECTRICAL/COMMS LINE
(TBC BY PROOF TRENCHING)

SMH1

SMH2

SMH3

SMH4

EXISTING BLOCK PAVERS
(TO BE RE-PAVED & MADE GOOD)

FLAMMABLE LIQUIDS

GENERATOR

TIE INTO ADJACENT PROPOSED PARKING AREA
(TIE-IN DETAILS TBC BY ENG.)

CABLE CAMP

ELECTRICAL STORE / RED TAG AREA

BAYVUE CIVIL DEPOT LAYOUT PLAN

SCALE 1:100

LEGEND

- EXISTING FIRE HYDRANT
- EXISTING CABLE CHAMBER
- EXISTING BUILDING / STRUCTURE
- PROPOSED BUILDING / STRUCTURE
- EXISTING ELECTRICAL / COMMS MANHOLE
- STORMWATER HARVESTING TANK
- STORMWATER MANHOLE
- STORMWATER MANHOLE (TYPE 8 GRATING)
- PROPOSED ELECTRICALS CABLES
- PROPOSED STORMWATER PIPE
- EXISTING ELECTRICALS / COMMS CABLES
- EXISTING SEWER LINE
- EXISTING WATER MAINS
- EXISTING FIRE SUPPLY PIPING
- VEGETATION (EROSION PREVENTION)
- PROPOSED SOIL BERM
- NUMBER OF PROPOSED ELECTRICAL CABLES
- ELECTRICAL DISTRIBUTION BOARD
- PROPOSED STORMWATER V-DRAIN CHANNEL

NOTES

1. ALL CO-ORDINATES ARE BASED ON THE SOUTH AFRICAN CO-ORDINATE SYSTEM HARTEBEESHOEK 94, WGS 84 Lo 19
2. MEASUREMENTS ARE BASED ON THE METRIC SYSTEM
3. ALL LEVELS ARE IN METERS TO MEAN SEA LEVEL (MSL)

ADDITIONAL SIGNATORIES

SBH - PORT ENGINEER MR.		SBH - FACILITIES MANAGER MR.	
SIGNATURE	DATE	SIGNATURE	DATE

FOR APPROVAL

No.	DESCRIPTION / REVISIONS	DATE
D	ISSUED FOR TENDER	2023-03-03
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OPERATIONAL FACILITY FOR INFRASTRUCTURE MAINTENANCE

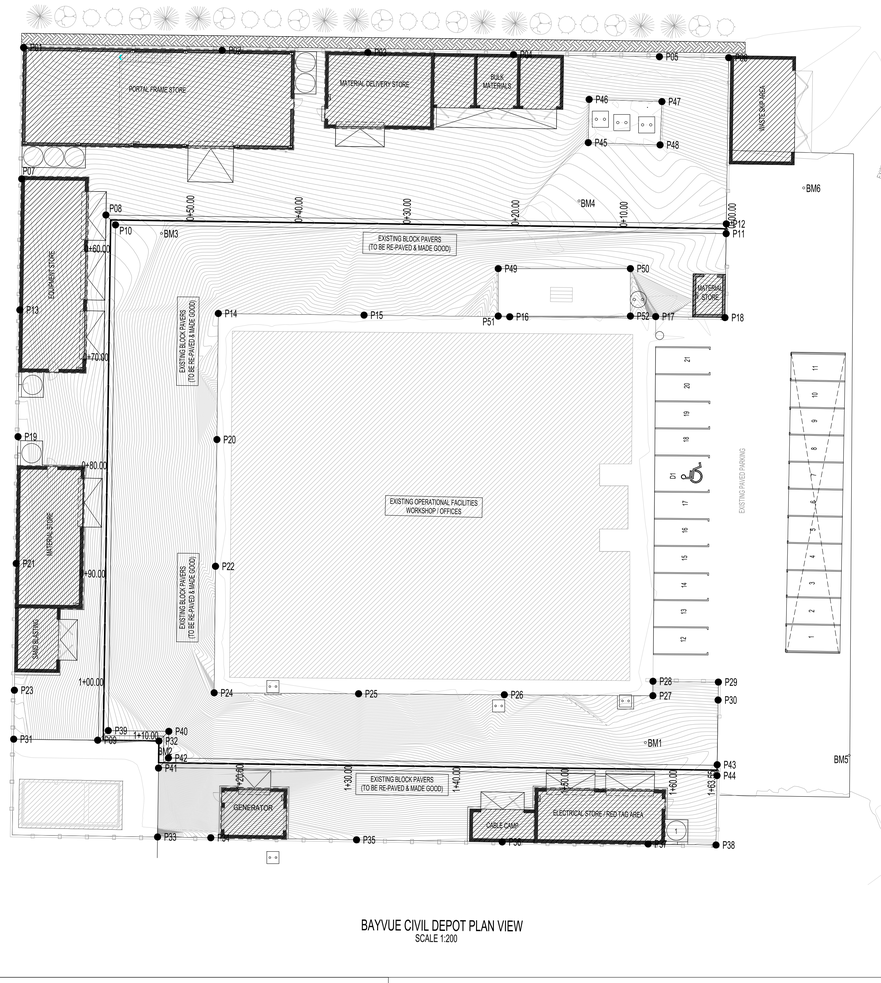
MOSS GAS SITE
PRIVATE BAG X 1
SALDANHA
TEL: (022) 703 5440

DRAWING TITLE

CIVIL LAYOUT: GENERAL ARRANGEMENT

		DESIGN & DRAWING SIGN OFF
DATE	2023-03-01	SBH : ENG / TECH / TECHNI MR. M. TEFFO
SCALE	1:100	SIGNATURE / DATE
DESIGNED BY	MT	SBH : DESIGNER MR. M. TEFFO
CHECKED BY	AP	01/03/2023 SIGNATURE / DATE
DRAWN BY	MT	SBH : SNR ENGINEER MR. M. MALAPANE
APPROVED BY	MM	03/03/2023 SIGNATURE / DATE

PAPER SIZE	TRANSNET DRW. NO.	SHEET	REV.
A0	SBH07A1004-002-03		
SHEET 1 OF 1	CONSULTANT / CONTRACTOR DRW. NO.		



BAYVUE CIVIL DEPOT PLAN VIEW
SCALE 1:200

LOCALITY MAP
SCALE: NTS

LEGEND

- EXISTING BUILDING / STRUCTURE
- PROPOSED BUILDING / STRUCTURE
- EXISTING ELECTRICAL / COMMS MANHOLE
- STORMWATER HARVESTING TANK
- VEGETATION (EROSION PREVENTION)
- PROPOSED SOIL BERM
- PROPOSED STORMWATER V-DRAIN CHANNEL

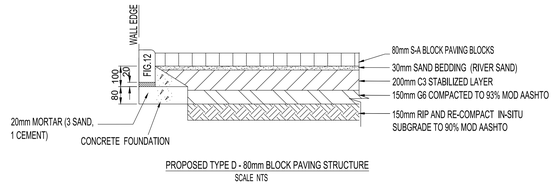
NOTES

1. ALL CO-ORDINATES ARE BASED ON THE SOUTH AFRICAN CO-ORDINATE SYSTEM HARTEBEESHOEK 94, WGS 84 Lo 19
2. MEASUREMENTS ARE BASED ON THE METRIC SYSTEM
3. ALL LEVELS ARE IN METERS TO MEAN SEA LEVEL (MSL)

SETTING OUT POINTS (WGS 84, Lo19)			
POINT NO.	NORTHING (Y)	EASTING (X)	ELEVATION (Z)
P01	-3652270.461	95684.849	5.40
P02	-3652270.723	95666.527	5.45
P03	-3652270.918	95653.078	5.48
P04	-3652271.111	95639.630	5.52
P05	-3652271.303	95626.163	5.55
P06	-3652271.395	95619.769	5.56
P07	-3652282.588	95685.023	5.35
P08	-3652285.919	95677.252	5.26
P09	-3652334.405	95678.009	5.24
P10	-3652286.832	95676.365	5.26
P11	-3652287.640	95620.002	5.40
P12	-3652286.740	95619.989	5.40
P13	-3652294.687	95685.196	5.33
P14	-3652295.011	95666.876	5.43
P15	-3652295.164	95653.426	5.46
P16	-3652295.317	95639.977	5.49
P17	-3652295.298	95626.507	5.58
P18	-3652295.390	95620.113	5.49
P19	-3652306.386	95685.364	5.36
P20	-3652306.649	95667.005	5.45
P21	-3652318.087	95685.532	5.39
P22	-3652318.348	95667.135	5.44
P23	-3652329.791	95685.700	5.32
P24	-3652330.031	95667.262	5.41
P25	-3652330.119	95653.928	5.51
P26	-3652330.208	95640.477	5.49

SETTING OUT POINTS (WGS 84, Lo19)			
POINT NO.	NORTHING (Y)	EASTING (X)	ELEVATION (Z)
P27	-3652330.298	95626.767	5.47
P28	-3652328.965	95626.757	5.51
P29	-3652329.039	95620.723	5.50
P30	-3652330.698	95620.747	5.47
P31	-3652334.310	95685.765	5.34
P32	-3652334.477	95672.360	5.20
P33	-3652343.339	95672.485	5.15
P34	-3652343.410	95667.569	5.54
P35	-3652343.603	95654.121	5.47
P36	-3652343.796	95640.672	5.48
P37	-3652343.988	95627.206	5.48
P38	-3652344.079	95620.939	5.50
P39	-3652333.519	95677.034	5.15
P40	-3652333.589	95671.447	5.24
P41	-3652336.977	95672.399	5.15
P42	-3652336.048	95671.481	5.22
P43	-3652336.671	95620.833	5.40
P44	-3652337.671	95620.847	5.41
P45	-3652279.240	95632.730	5.39
P46	-3652275.250	95632.650	5.47
P47	-3652275.450	95625.930	5.47
P48	-3652279.450	95626.100	5.41
P49	-3652290.870	95641.040	5.46
P50	-3652290.870	95628.840	5.45
P51	-3652295.250	95641.040	5.50
P52	-3652295.250	95628.840	5.48

BENCHMARKS (WGS 84, Lo19)			
POINT	NORTHING (Y)	EASTING (X)	ELEVATION (Z)
BM1	-3652334.629	95627.461	5.393
BM2	-3652335.664	95672.337	5.384
BM3	-3652287.614	95672.130	5.327
BM4	-3652284.625	95633.585	5.363
BM5	-3652335.799	95608.654	5.159
BM6	-3652283.420	95612.846	5.295



PROPOSED TYPE D - 80mm BLOCK PAVING STRUCTURE
SCALE NTS

NOTE:
PRIOR TO THE CONSTRUCTION OF THE BASE AND SURFACING, THE CONTRACTOR SHALL CARRY OUT SUFFICIENT CHECKS (AS DETAILED IN THE SCOPE OF WORKS) TO CHECK THAT THE MATERIALS USED AND THE WORKMANSHIP ATTAINED COMPLY CONSISTENTLY WITH THE SPECIFIED REQUIREMENTS. THE CONTRACTOR SHALL MAKE ALLOWANCE FOR ANY CORRECTION OF DEFECTS IN THE EXISTING PAVEMENT LAYERS.

GENERAL NOTES
1. THE CONTRACTOR WILL BE DEEMED TO HAVE INSPECTED THE SITE AND BE IN AGREEMENT WITH THE WORKS REQUIRED AS PER THE TENDER DOCUMENTS, UNLESS ALTERNATIVE PROPOSALS WITH COST IMPLICATIONS ARE RECEIVED TOGETHER WITH THE TENDER DOCUMENTS, ALTERNATIVE PROPOSALS SUBMITTED DURING CONSTRUCTION SHALL BE ON A DESIGN AND CONSTRUCT BASIS, WITH THE DESIGN AT CONTRACTOR'S EXPENSE.
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3. SERVICES SHOWN ON DRAWING ARE KNOWN OR SOURCED FROM EXISTING DRAWINGS. THE CONTRACTOR MUST ENSURE THAT ALL SERVICES THAT INTERSECT OR RUN ALONGSIDE THE PROPOSED WORKS ARE LOCATED BEFORE CONSTRUCTION COMMENCES. ANY CLASHES SHALL BE REPORTED TO THE PROJECT MANAGER IN WRITING. THE CONTRACTOR SHALL BE HELD LIABLE FOR ANY DAMAGES TO EXISTING SERVICES DUE TO NEGLIGENCE.
4. ALL EXISTING PIPES AND MANHOLES INCORPORATED INTO THE NEW SYSTEM SHALL HAVE DEFECTS RECTIFIED TO COMPLY TO STANDARDS FOR NEW WORKS.
5. ALL LEVELS AND DIMENSIONS SHALL BE CHECKED BEFORE ANY WORK COMMENCES. FAILURE TO DO SO SHALL DEEM THE CONTRACTOR LIABLE FOR ANY WORK REQUIRED TO RECTIFY ERRORS AS A RESULT OF THE FAILURE TO CHECK THE LEVELS AND DIMENSIONS.
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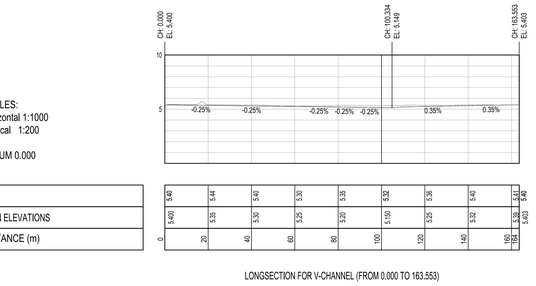
EARTHWORKS
1. ANY DISCREPANCIES IN LEVELS AND SETTING OUT DATA TO BE QUERIED WITH THE ENGINEER PRIOR TO COMMENCEMENT OF ANY WORK.
2. ALL WORKMANSHIP TO BE IN ACCORDANCE WITH SANS 1200 PART D : EARTHWORKS AND THE RELEVANT PROJECT SPECIFICATIONS AS INCLUDED IN THE CONTRACT.
3. BEFORE PLACING ANY FILL MATERIAL, THE EXISTING GROUND SURFACE MUST BE CLEARED AND GRUBBED OF ALL VEGETATION AND ORGANIC MATTER.
4. TOPSOIL 200mm MUST BE STRIPPED AND STOCKPILED.
5. WHERE THE MATERIAL GROUND LINE IS STEEPER THAN 1:6, BENCHING MUST BE EXCAVATED INTO EXISTING SURFACE PRIOR TO RECEIVING FILL.
6. UNLESS OTHERWISE INDICATED, ALL BANK BATTERS TO BE : 1:2 CUT AND 1:2 FILL
7. THE UMCOMPACTED THICKNESS OF FILL LAYERS SHALL NOT EXCEED 300mm
8. LOCATE ALL EXISTING SERVICES PRIOR TO ANY CONSTRUCTION TAKING PLACE.



SCALES:
Horizontal 1:1000
Vertical 1:200

DATUM 0.000

NGL	5.400	5.44	5.40	5.30	5.55	5.52	5.36	5.40	5.41	5.40	
DESIGN ELEVATIONS	5.400	5.55	5.30	5.25	5.20	5.150	5.25	5.32	5.36	5.403	
DISTANCE (m)	0	20	40	60	80	100	120	140	160	163.553	

LONGSECTION FOR V-CHANNEL (FROM 0.000 TO 163.553)

ADDITIONAL SIGNATORIES

SBH - PORT ENGINEER MR.		SBH - FACILITIES MANAGER MR.	
SIGNATURE	DATE	SIGNATURE	DATE

FOR APPROVAL

No.	DESCRIPTION / REVISIONS	DATE
D	ISSUED FOR TENDER	2023-03-03
C	ISSUED FOR SQUAD CHECK	2022-09-02
B	ISSUED FOR CLIENT APPROVAL	2022-02-01
A	ISSUED FOR CLIENT REVIEW	2021-11-10

TRANSNET
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PROJECT / AREA / ASSET / SUBJECT
PORT OF SALDANHA
OPERATIONAL FACILITY FOR INFRASTRUCTURE MAINTENANCE
MOSS GAS SITE
PRIVATE BAG X 1
SALDANHA
TEL: (022) 703 5440

DRAWING TITLE
SETTING-OUT DETAILS: BULK EARTHWORKS

DATE	2023-03-01	SBH / ENG / TECH / TECHNI MR. M. TEFFO	
SCALE	AS SHOWN	SIGNATURE	DATE
DESIGNED BY	MT	SBH - DESIGNER MR. M. TEFFO	
CHECKED BY	AP	SIGNATURE	01/03/2023 DATE
DRAWN BY	MT	SBH - SNR ENGINEER MR. M. MALAPANE	
APPROVED BY	MM	SIGNATURE	03/03/2023 DATE

DESIGN & DRAWING SIGN OFF

PAPER SIZE	TRANSNET DRW. NO.	SHEET	REV.
A0	SBH07A1004-001-03		
SHEET	CONSULTANT / CONTRACTOR DRW. NO.		
1 OF 1			