

ADDITIONAL NOTES:
 NOTE 1 - ALL MANHOLE COVERS AFFECTED TO BE ADJUSTED/UPLIFTED TO SUIT NEW FINISHED PAVING LEVEL.
 NOTE 2 - ALL LIGHT POLES TO BE REMOVED AND NEW POLES INSTALLED AS PER ELECTRICAL ENGINEER'S RECOMMENDATION.
 NOTE 3 - FOR NEW BALUSTRADE DETAILS REFER TO THE ARCHITECTS AND STRUCTURAL ENGINEERS DRAWINGS.
 NOTE 4 - ALL SERVICES TO BE VERIFIED ON SITE PRIOR TO ANY CONSTRUCTION.

NOTE: FOR ALL PAVING PATTERNS REFER TO ARCHITECTURAL DRAWINGS

FOR CONTINUATION SEE DRAWING No. 2123381-1-000-CLA-0001-02

SETTING OUT COORDINATES

Name	X	Y
P1	4862.381	326660.785
P2	4871.253	326660.822
P3	4882.273	326660.895
P4	4895.173	326660.947
P5	4905.425	326660.988
P6	4922.635	326661.027
P7	4938.889	326661.058
P8	4955.842	326661.077
P9	4982.822	326661.096
P10	4995.683	326661.242
P11	4998.739	326661.877
P12	4991.580	326662.007
P13	4914.795	326662.569
P14	4943.884	326662.869
P15	4948.879	326663.483
P16	4942.538	326664.815
P17	4948.578	326663.720
P18	4921.081	326672.611
P19	4929.884	326670.328
P20	4928.425	326669.724
P21	4928.271	326671.872
P22	4929.138	326669.028

CONTROL POINTS

Name	X	Y	Type
PC1	4864.028	326670.673	2.789 12mm Steel
PC2	4921.473	326669.842	
PC3	4924.732	326668.981	
PC4	4921.889	326669.020	
PC5	4929.880	326669.124	
PC6	4927.718	326669.179	
PC7	4928.987	326670.748	4.251 12mm Steel
PC8	4924.126	326670.881	3.206 12mm Steel
PC9	4927.823	326669.541	
PC10	4910.843	326669.597	
PC11	4919.972	326669.986	
PC12	4944.858	326669.421	
PC13	4948.582	326669.728	
PC14	4942.822	326669.863	
PC15	4926.844	326670.524	
PC16	4926.880	326670.579	
PC17	4928.541	326669.265	
PC18	4928.489	326670.269	
PC19	4928.391	326669.539	
PC20	4929.281	326669.795	
PC21	4928.491	326669.822	
PC22	4919.889	326669.412	
PC23	4922.754	326669.453	
PC24	4949.737	326668.521	
PC25	4928.882	326669.086	
PC26	4919.584	326669.266	
PC27	4918.835	326669.092	
PC28	4944.849	326669.206	
PC29	4928.265	326667.544	
PC30	4921.197	326669.022	
PC31	4922.635	326667.937	
PC32	4929.778	326669.748	
PC33	4925.677	326667.010	
PC34	4928.551	326669.887	
PC35	4926.138	326669.481	
PC36	4926.970	326667.910	
PC37	4922.889	326669.886	
PC38	4925.273	326669.891	
PC39	4924.984	326669.788	
PC40	4924.582	326669.827	
PC41	4924.556	326669.428	
PC42	4927.889	326669.540	
PC43	4944.843	326669.428	
PC44	4927.817	326669.093	
PC45	4924.479	326669.738	
PC46	4925.587	326669.820	
PC47	4924.444	326669.233	
PC48	4928.714	326669.871	
PC49	4927.241	326669.874	

PROMENADE DEVELOPMENT EDGE COORDINATES

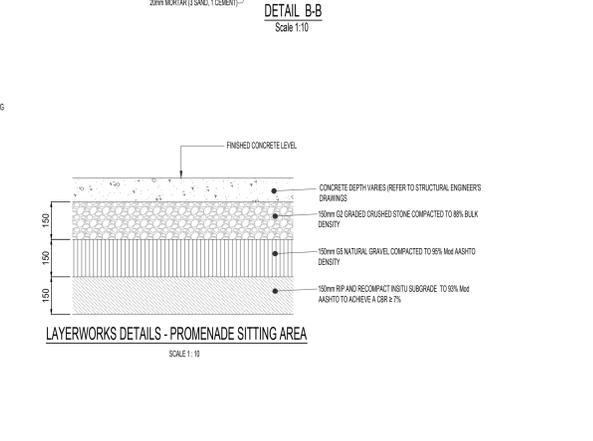
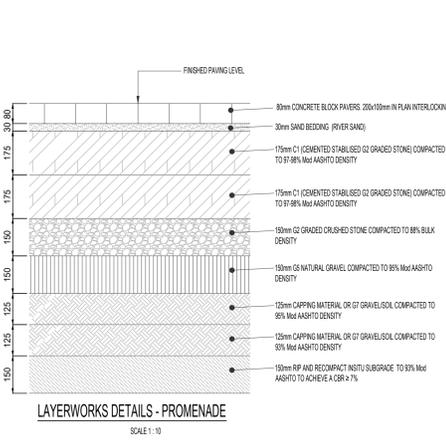
Name	X	Y
E1	4951.519	326664.747
E2	4980.152	326664.738
E3	4999.796	326662.787
E4	4957.420	326661.787
E5	4999.975	326662.896
E6	4998.152	326669.890
E7	4923.364	326668.842
E8	4928.829	326669.646
E9	4926.510	326670.378
E10	4924.885	326670.605

LIGHT POLE COORDINATES

Name	X	Y
LP1	4961.138	326669.288
LP2	4961.74	326669.603
LP3	4912.241	326671.825
LP4	4924.789	326669.428
LP5	4928.977	326665.577
LP6	4928.887	326669.208
LP7	4919.586	326669.890
LP8	4925.113	326664.441
LP9	4925.440	326669.771
LP10	4928.171	326669.646
LP11	4926.510	326670.378
LP12	4924.885	326670.605

SETTING OUT COORDINATES (Continued)

Name	X	Y
P23	4924.483	326669.297
P24	4921.473	326669.842
P25	4924.732	326668.981
P26	4921.889	326669.020
P27	4929.880	326669.124
P28	4927.718	326669.179
P29	4928.987	326670.748
P30	4924.126	326670.881
P31	4927.823	326669.541
P32	4910.843	326669.597
P33	4919.972	326669.986
P34	4944.858	326669.421
P35	4948.582	326669.728
P36	4942.822	326669.863
P37	4926.844	326670.524
P38	4926.880	326670.579
P39	4928.541	326669.265
P40	4928.489	326670.269
P41	4928.391	326669.539
P42	4929.281	326669.795
P43	4928.491	326669.822
P44	4919.889	326669.412
P45	4922.754	326669.453
P46	4949.737	326668.521
P47	4928.882	326669.086
P48	4919.584	326669.266
P49	4918.835	326669.092
P50	4944.849	326669.206
P51	4928.265	326667.544
P52	4921.197	326669.022
P53	4922.635	326667.937
P54	4929.778	326669.748
P55	4925.677	326667.010
P56	4928.551	326669.887
P57	4926.138	326669.481
P58	4926.970	326667.910
P59	4922.889	326669.886
P60	4925.273	326669.891
P61	4924.984	326669.788
P62	4924.582	326669.827
P63	4924.556	326669.428
P64	4927.889	326669.540
P65	4944.843	326669.428
P66	4927.817	326669.093
P67	4924.479	326669.738
P68	4925.587	326669.820
P69	4924.444	326669.233
P70	4928.714	326669.871
P71	4927.241	326669.874



EARTHWORKS NOTES:

- ANY DISCREPANCIES IN LEVELS AND SETTING OUT DATA TO BE QUERIED WITH THE NEAREST SUPERVISOR PRIOR TO COMMENCEMENT OF ANY WORK.
- BEFORE PLACING ANY FILL MATERIAL, THE EXISTING GROUND SURFACE MUST BE CLEARED AND GRUBBED OF ALL VEGETATION AND ORGANIC MATERIAL WHERE APPLICABLE.
- TOPSOIL 200mm MUST BE STRIPPED AND STOCKPILED WHERE THE MATERIAL GROUND LEVEL IS STEEPER THAN 1:6. BENCHMARK MUST BE EXCAVATED INTO EXISTING SURFACE PRIOR TO RECEIVING FILL.
- UNLESS OTHERWISE INDICATED, ALL BANK BATTERS TO BE 1:1.5 OUT AND 1:2 FILL.
- THE UNCOMPACTED THICKNESS OF FILL LAYERS SHALL NOT EXCEED 300mm.
- LOCATE ALL EXISTING SERVICES PRIOR TO ANY CONSTRUCTION WORKING PLACE.

GENERAL NOTES:

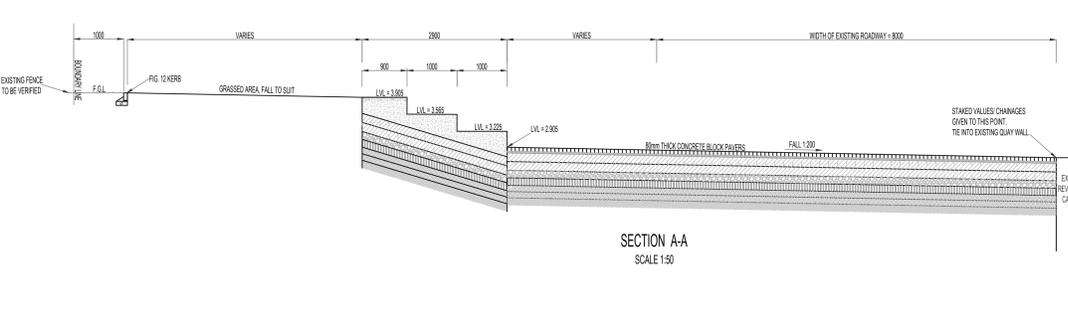
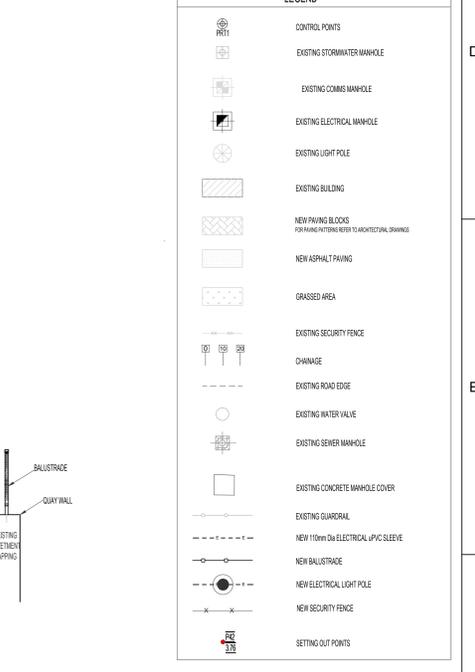
- THE CONTRACTOR SHALL BE DEEMED TO HAVE INSPECTED THE SITE AND BE IN AGREEMENT WITH THE WORKS REQUIRED AS PER THE TENDER DOCUMENTS.
- VARIATIONS DEEMED NECESSARY BY THE CONTRACTOR SHALL BE FORWARDED TO THE PROJECT MANAGER IN WRITING FOR APPROVAL BEFORE ANY CONSTRUCTION BASED ON THE VARIATION COMMENCES.
- SERVICES SHOWN ON DRAWING ARE IN/OUT 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.
- ALL EXISTING PIPES AND MANHOLES INCORPORATED INTO THE NEW SYSTEM SHALL HAVE DEFECTS RECTIFIED TO COMPLY TO STANDARDS FOR NEW WORKS.
- ALL LEVELS AND DIMENSIONS SHALL BE CHECKED BEFORE ANY WORK COMMENCES. FAILURE TO DO SO SHALL BEEM THE CONTRACTOR'S RESPONSIBILITY FOR ANY WORK REQUIRED TO RECTIFY ERRORS AS A RESULT OF THE FAILURE TO CHECK THE LEVELS AND DIMENSIONS.
- ALL DIMENSIONS ARE IN MILLIMETERS/METERS AND LEVELS ARE IN METERS, UNLESS OTHERWISE INDICATED.
- THE LATEST REVISION OF SANS SPECIFICATIONS SHALL APPLY. ALL WORK SHALL BE DONE IN ACCORDANCE WITH RELEVANT SANS SPECIFICATIONS, UNLESS OTHERWISE INDICATED.
- ALL LENGTHS SHOWN SHALL BE CONFIRMED ON SITE BY CONTRACTOR.

ELECTRICAL NOTES:

- ALL DUCT PIPES SHALL COMPRISE uPVC PIPES TO SANS 731 (CLASS 3A) HOMOGENEOUS SCHEDULE 11 PIPES.
- BENDING OF DUCTS SHALL BE FOR FLEXIBLE PIPES, IN ACCORDANCE WITH SANS 1000 LB.
- ALL DUCTS LESS THAN 80mm COVER TO BE CONCRETE ENCASED OR UNLESS OTHERWISE STATED.
- NO ALL MANHOLE COVERS TO SUIT CROSSFALL OF FINISHED PAVING AND PIPE ENDS TO BE SUNK LIFTED, USING A 600mm LONG RADIUS BEND, ON ISLANDS AND IN BUILDINGS.
- THE CONTRACTOR SHALL SUBMIT A FULL SET OF AS-BUILT DRAWINGS UPON COMPLETION OF THE INSTALLATION.
- ANY DISCREPANCIES IN LEVELS AND SETTING OUT DATA TO BE QUERIED WITH THE ENGINEER PRIOR TO COMMENCEMENT OF ANY WORK.

EXISTING SERVICES NOTES:

- ALL KNOWN SERVICES ARE PROVIDED ON THE DRAWING HOWEVER, DUE TO THE LACK OF ASSURANCE AS TO RECORDS, THE CONTRACTOR WILL BE REQUIRED TO PROBE SERVICES PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO ENSURE THAT THE SERVICES ARE NOT DAMAGED AS SOON AS ANY UNDERGROUND SERVICE NOT SHOWN ON THE DRAWING IS DISCOVERED. IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER. THE CONTRACTOR MUST IN COLLABORATION WITH THE SUPERVISOR ASSESS WHETHER OR NOT THE SERVICE IS TO BE REMOVED AND FALL TO SUIT FINISHED LEVEL.
- ALL EXISTING MANHOLE COVERS TO BE UPLIFTED WHERE NECESSARY. COVER LEVEL AND FALL TO SUIT FINISHED LEVEL.
- THE EXISTING FENCE WAS REPLACED POST THE DESIGNATE PHASE. CONTRACTOR TO VERIFY FENCE DETAILS PRIOR TO CONSTRUCTION.



REFERENCE DRAWINGS

DRAWING NO.	REFERENCE
XDN046-1-000-CLA-0001-02-0A	DEMOLITION LAYOUT
XDN046-1-000-CLA-0001-02-0A	SITE LAYOUT (SHEET 2 OF 2)
XDN046-1-000-CSE-0001-01-0A	CROSS SECTIONS
XDN046-1-000-CLA-0001-01-0A	GENERAL ARRANGEMENT

NOTES:

- MEASUREMENTS ARE BASED ON METRIC SYSTEM.
- ALL LEVELS ARE IN METERS TO MEAN SEA LEVELS (MSL).
- DO NOT SCALE DRAWING - ONLY DIMENSIONS SHOWN TO BE USED.
- THE CONTRACTOR SHALL VERIFY ALL SERVICES OR CONDITIONS ON THE SITE AND NOTIFY THE ENGINEERING OF ANY VARIATIONS FROM DIMENSIONS BEFORE CONSTRUCTION.

CONTRACTOR / CONSULTANT

TITLE	NAME	SIGN	DATE
DRAWN	SM		17 04 24
CHECKED	MT		17 04 24
DESIGNED	MT		17 04 24
CHECKED	AG		17 04 24

NATIONAL PORTS AUTHORITY

TITLE	NAME	SIGN	DATE
PR. ENG. / PR. TECH. / PR. ARCH			2024 04 17
NAME	M. YEBE		
SIGNATURE			17 04 24
REG. NUMBER	201800105		
SCALE:	AS SHOWN		

TRANSNET NATIONAL PORTS AUTHORITY

237 MAHATMA GANDHI ROAD
DURBAN
P.O. BOX 38163, DURBAN

TEL: 031 381 1006
FAX: 0866 770815

PORT OF DURBAN
DURBAN HARBOUR ENTRANCE, NORTH GROYNES PROMENADE TERRACING

SITE LAYOUT (SHEET 01 OF 02)

PROJECT NUMBER: 000 FRS DBS TYPE: DRAWING NO: SHEET: REV: ID

AO X D N E 1 0 4 8 1 1 0 0 0 C L A 0 0 1 0 1 0 1 0 A M T

REVISIONS

NO.	DESCRIPTION	BY	CHKD	APPD	DATE
01	ISSUED FOR TENDER	SM	MT	MT	2024 04 17

OPERATING DIVISIONS

TITLE	NAME	SIGN	DATE
PR. ENG. / PR. TECH. / PR. ARCH			2024 04 17
NAME	M. YEBE		
SIGNATURE			17 04 24
REG. NUMBER	201800105		
SCALE:	AS SHOWN		