

CONSTRUCTION NOTES:

STORMWATER

1. CONSTRUCTION:
 - 1.1. ALL CONSTRUCTION, TESTING AND MATERIALS TO COMPLY WITH 1200 SERIES OF SPECIFICATIONS
 - 1.2. PIPE BEDDING TO BE CLASS B AS PER SABS 1200 LB WITH BEDDING CRADLE OF SELECTED FILL QUALITY.
 - 1.3. PIPES AS PER DRAWING.
 - 1.4. WHERE STORMWATER PIPES CROSS THE SEWER LINE A CLASS 'A' BEDDING MUST BE PROVIDED 2.0m EACH WAY UNDER THE STORMWATER LINE.
 - 1.5. MINIMUM FALLS ON ALL PIPES = 1:100 U.O.S.
2. MATERIALS:
 - 2.1. ALL BRICKS TO BE ENGINEERING UNITS TYPE NFxE-14 AS PER SABS 227 & 285.
 - 2.2. ALL MANHOLE COVERS TO BE 650x400 HEAVY DUTY.
 - 2.3. OGE STORMWATER PIPES TO BE NON-PRESSURE PIPES AS PER SABS 877 CLASS 750.
 - 2.4. HDPE STORMWATER PIPES TO BE 8KN/m² RING STIFFNESS CORRUGATED PIPES AS SUPPLIED BY MAGNUM OR SIMILAR APPROVED.
 - 2.5. STEP IRONS TO COMPLY WITH SABS 1247.
 - 2.6. DUE TO THE CORROSIVE NATURE OF THE SOIL NO GALVANISED MATERIAL MAY BE USED.
3. NOTE ON STORMWATER CONNECTIONS:
 - 3.1. CONTRACTOR TO LOCATE THE EXISTING STORMWATER PIPES ON SITE AND VERIFY ALL INVERT LEVELS WITH THE ENGINEER PRIOR TO ANY CONSTRUCTION.
 - 3.2. THE EXISTING SERVICES ARE TO ADEQUATELY PROTECTED AND ANY DAMAGE IS TO BE REPAIRED AT THE CONTRACTORS COST.
 - 3.3. ALL NEW STORMWATER PIPES MUST BE LAID AT AN ANGLE OF NOT LESS THAN 30 DEG. AND NOT MORE THAN 60 DEG. TO THE EXISTING PIPE.
 - 3.4. ALL PIPES MUST BE LAID SOFFIT TO SOFFIT.

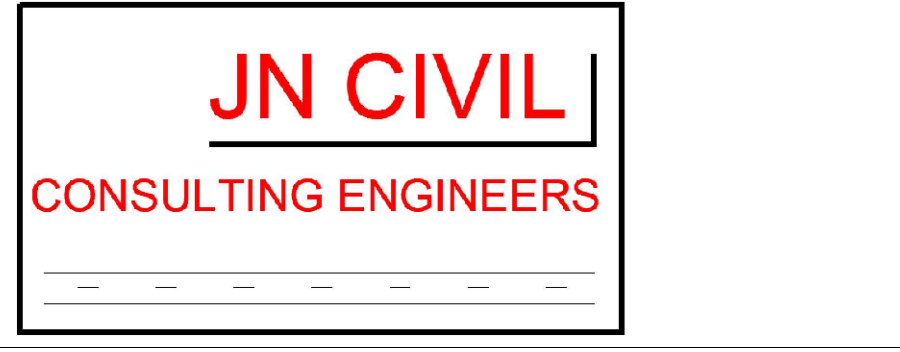
- LEGEND**
- - PROPOSED STORMWATER PIPE
 - - PROPOSED JUNCTION BOX (REFER TO JRA STANDARD DETAILS)
 - ▬ - PROPOSED KERB INLET (REFER TO JRA STANDARD DETAIL DRAWINGS)
 - - PROPOSED HEAD WALL STRUCTURE AND ENERGY DISSIPATOR (REFER TO JRA STANDARD DETAIL DRAWINGS)
 - - PROPOSED ATTENUATION POND

REFERENCE DRAWINGS
JRA STANDARD DETAIL DRAWINGS

ISSUE / REVISION

NO.	DATE	DESCRIPTION	ISS BY
C	2024-11-10	FOR APPROVAL	JB
B	2024-05-21	FOR INFORMATION	JB
A	2024-04-21	FOR INFORMATION	JB
UR			

DRAWING STATUS
APPROVAL



CLIENT
CRAIG MURCHIE

PROJECT
LANSERIA

DRAWING CHECKS

DESIGNED BY:	J.BRITS
DRAWN BY:	J.BRITS
CHECKED BY:	J.BRITS
APPROVED BY:	J.BRITS

SIGNATURE

DRAWING TITLE
STORMWATER LAYOUT

SCALE

DRAWING NUMBER	As indicated	REV
2024-0021-C-3020		C

STORMWATER LAYOUT
Scale: 1:1750