



CONSTRUCTION NOTES:
STORMWATER

- CONSTRUCTION:**
 - ALL CONSTRUCTION, TESTING AND MATERIALS TO COMPLY WITH 1200 SERIES OF SPECIFICATIONS.
 - PIPE BEDDING TO BE CLASS B AS PER SABS 1200 LB WITH BEDDING CRADLE OF SELECTED FILL QUALITY.
 - PIPES AS PER DRAWING.
 - WHERE STORMWATER PIPES CROSS THE SEWER LINE A CLASS 'N' BEDDING MUST BE PROVIDED 2.0m EACH WAY UNDER THE STORMWATER LINE.
 - MINIMUM FALLS ON ALL PIPES = 1:100 U.O.S.
- MATERIALS:**
 - ALL BRICKS TO BE ENGINEERING UNITS TYPE NFKE-14 AS PER SABS 27 & 28.
 - ALL MANHOLE COVERS TO BE 650x400 HEAVY DUTY, OGEE STORMWATER PIPES TO BE NON-PRESSURE PIPES AS PER SABS 877 CLASS 750.
 - HOPE STORMWATER PIPES TO BE 800mm RING STIFFNESS CORRUGATED PIPES AS SUPPLIED BY MAGNUM OR SIMILAR APPROVED.
 - STEP IRONS TO COMPLY WITH SABS 1247.
 - DUE TO THE CORROSIVE NATURE OF THE SOIL NO GALVANISED MATERIAL MAY BE USED.
- NOTE ON STORMWATER CONNECTIONS:**
 - CONTRACTOR TO LOCATE THE EXISTING STORMWATER PIPES ON SITE AND VERIFY ALL INVERT LEVELS WITH THE ENGINEER PRIOR TO ANY CONSTRUCTION.
 - THE EXISTING SERVICES ARE TO ADEQUATELY PROTECTED AND ANY DAMAGE IS TO BE REPAIRED AT THE CONTRACTORS COST.
 - 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.
 - 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 STANDARDDETAIL DRAWINGS)
 - PROPOSED HEAD WALL STRUCTURE AND ENERGY DISSIPATOR (REFER TO JRA STANDARD DETAIL DRAWINGS)
 - PROPOSED ATTENUATION POND

REFERENCE DRAWINGS
2024_0021_3022
JRA STANDARD DETAIL DRAWINGS

ISSUE / REVISION

NO.	DATE	DESCRIPTION	ISS BY
1	2024-11-10	FOR APPROVAL	JB
2	2024-05-21	FOR INFORMATION	JB
3	2024-04-21	FOR INFORMATION	JB

DRAWING STATUS
APPROVAL

JN CIVIL
CONSULTING ENGINEERS

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 MANAGEMENT LAYOUT -
POST DEVELOPMENT

SCALE

DRAWING NUMBER	REV
2024-0021-C-3023	C

STORMWATER MANAGEMENT LAYOUT - POST DEVELOPMENT
Scale: 1:1750