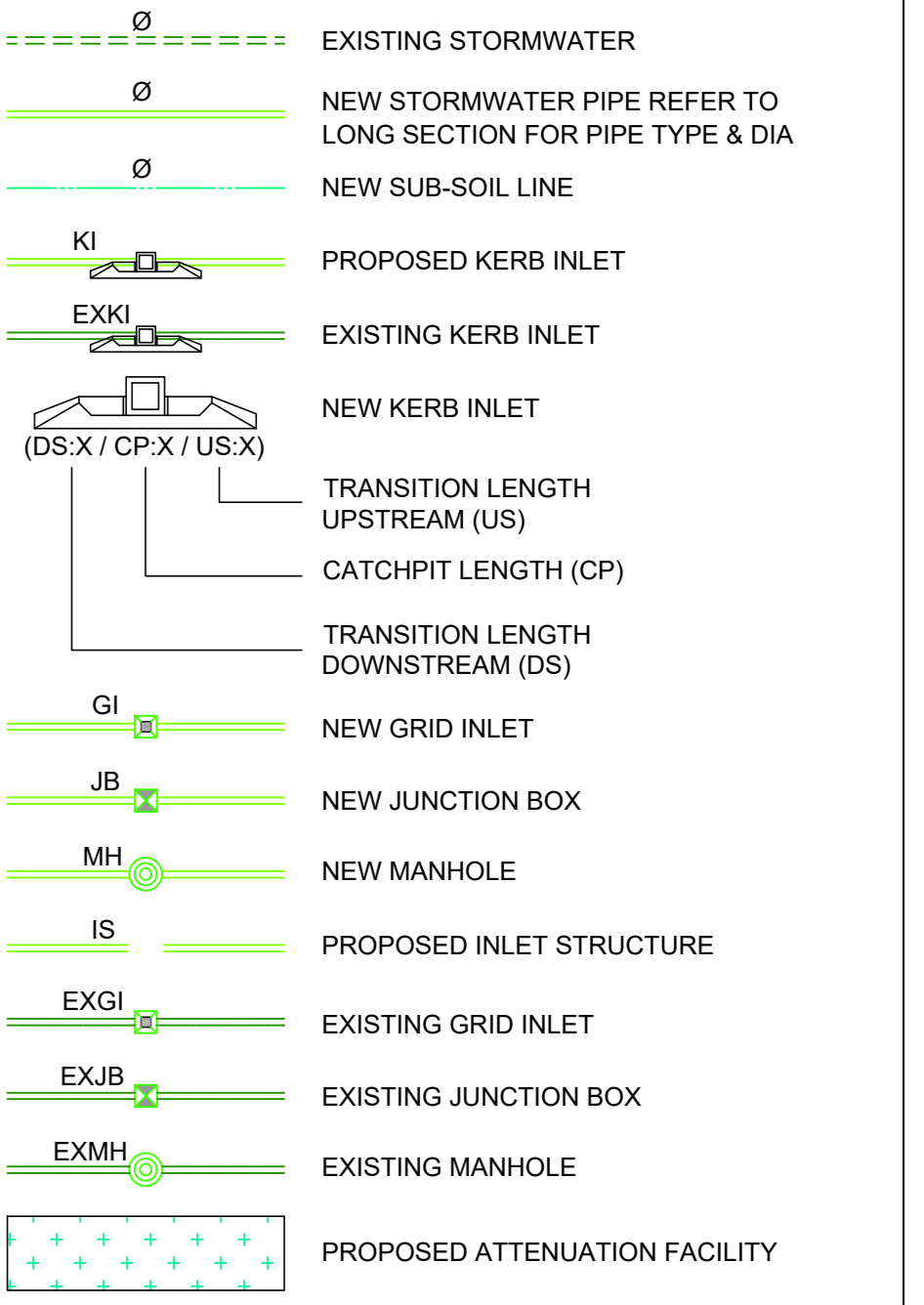


STORMWATER LAYOUT AND LONGSECTIONS
SCALE 1:250

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 GRADLE 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 NFKE-14 AS PER SABS 227 & 285.
 - 2.2. ALL MANHOLE COVERS TO BE 650x400 HEAVY DUTY.
 - 2.3. OGEE STORMWATER PIPES TO BE NON-PRESSURE PIPES AS PER SABS 677 CLASS 75D.
 - 2.4. HDPE STORMWATER PIPES TO BE 8kN/m² RING STIFFNESS CORRUGATED PIPES AS SUPPLIED BY MAGNUM OR SIMILAR APPROVED.
 - 2.5. STEEL 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.

STORMWATER LEGEND



ISSUE / REVISION

IR	DATE	DESCRIPTION	ISS BY
1	2022-01-28	FOR CONSTRUCTION	KH

DRAWING STATUS

FOR CONSTRUCTION



ARCHITECT

COA

CLIENT

DEVMCO

PROJECT

SALTA INFRASTRUCTURE

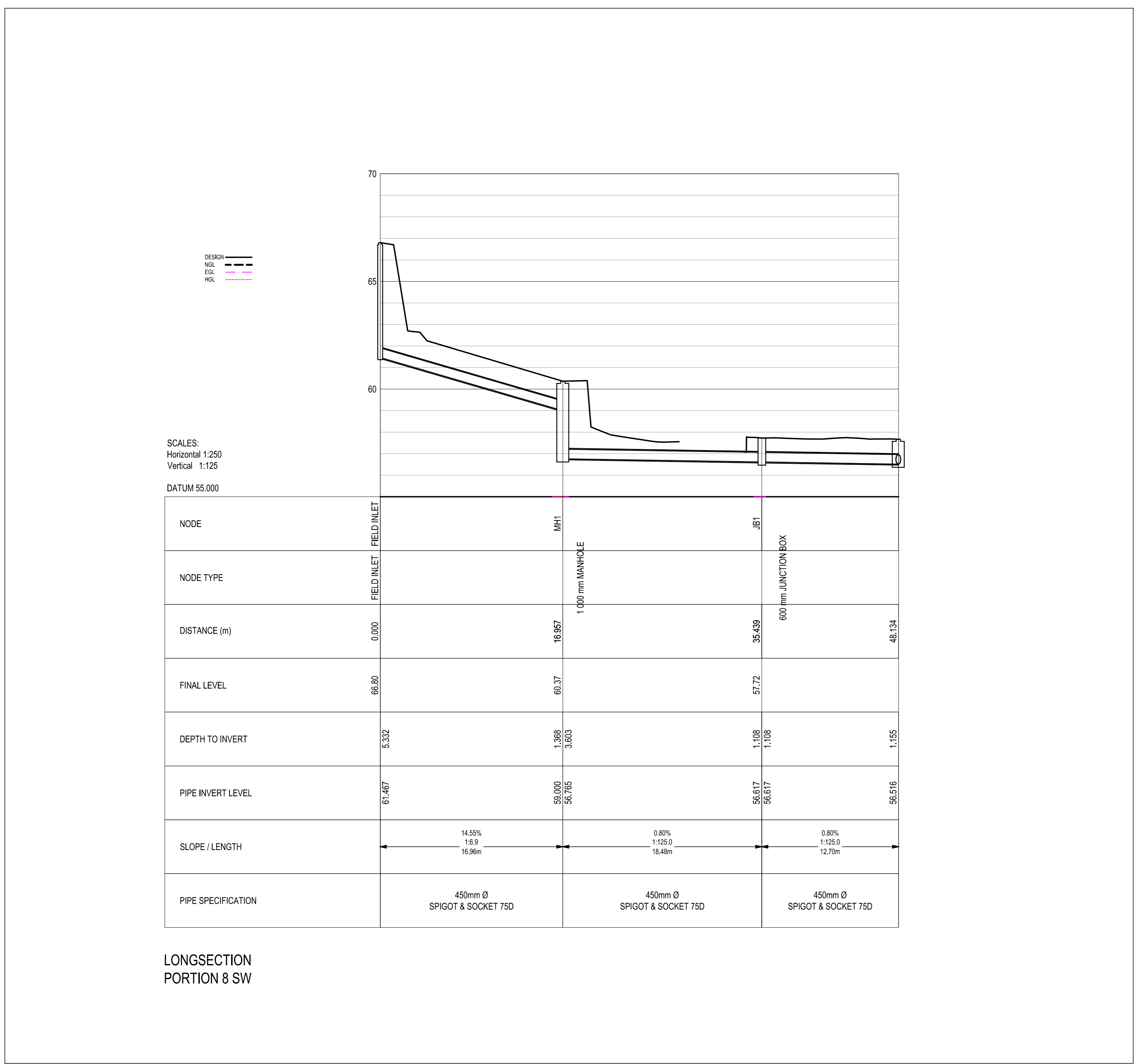
DRAWING CHECKS

DESIGNED BY: K. HOFFMAN
 DRAWN BY: K. HOFFMAN
 CHECKED BY: D. van MEERWYDE
 APPROVED BY: K. HOFFMAN

DRAWING TITLE

STORMWATER LAYOUT AND LONGSECTIONS
PORTION 8

SCALE	As indicated
DRAWING NUMBER	REV
2019-0173-C-5879	1



STRUCTURE LIST-Portion 8 SW

STRUCTURE NAME	Y	X	RIM ELEVATION	SUMP ELEVATION	INVERT ELEVATION	MATERIAL
FIELD INLET	-10 820.988	3 282 904.418	66.800	61.467 5.332	P1-INV OUT 61.467	Concrete
JB1	-10 855.295	3 282 911.785	57.725	56.617 1.108	P2-INV IN 56.617 P3-INV OUT 56.617	Concrete Concrete
MH1	-10 836.989	3 282 910.382	60.368	56.765 3.603	P1-INV IN 59.000 P2-INV OUT 56.765	Concrete Concrete

PIPE LIST-Portion 8 SW

PIPE NAME	START INVERT LEVEL	END INVERT LEVEL	3D LENGTH TO INSIDE EDGES	SLOPE	DIAMETER AND CLASS
P1	61.467	59.000	16.557	14.551%	450mm Class 75D
P2	56.765	56.617	17.686	0.800%	450mm Class 75D
P3	56.617	56.516	12.388	0.800%	450mm Class 75D