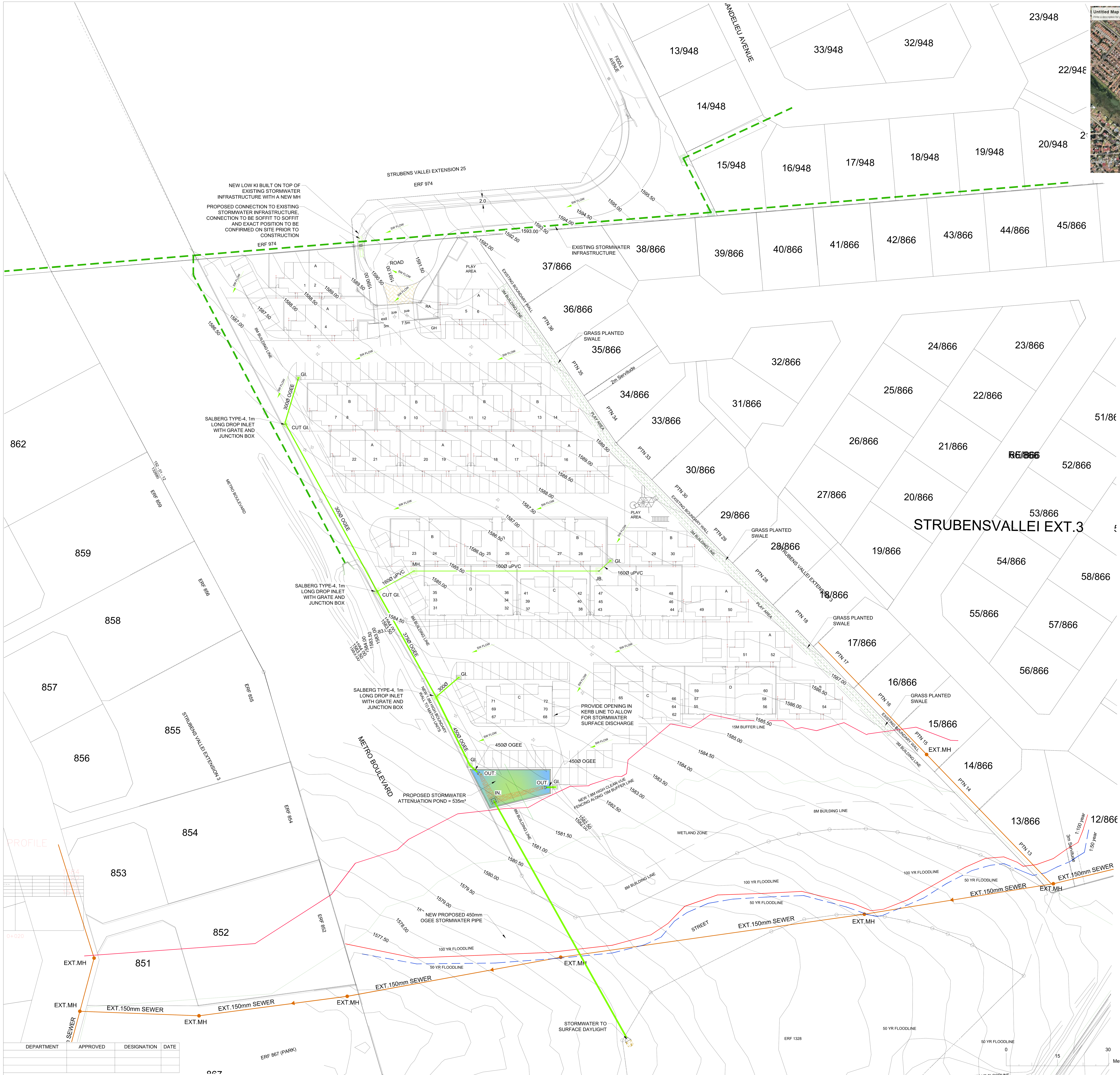


LOCALITY
NTS.

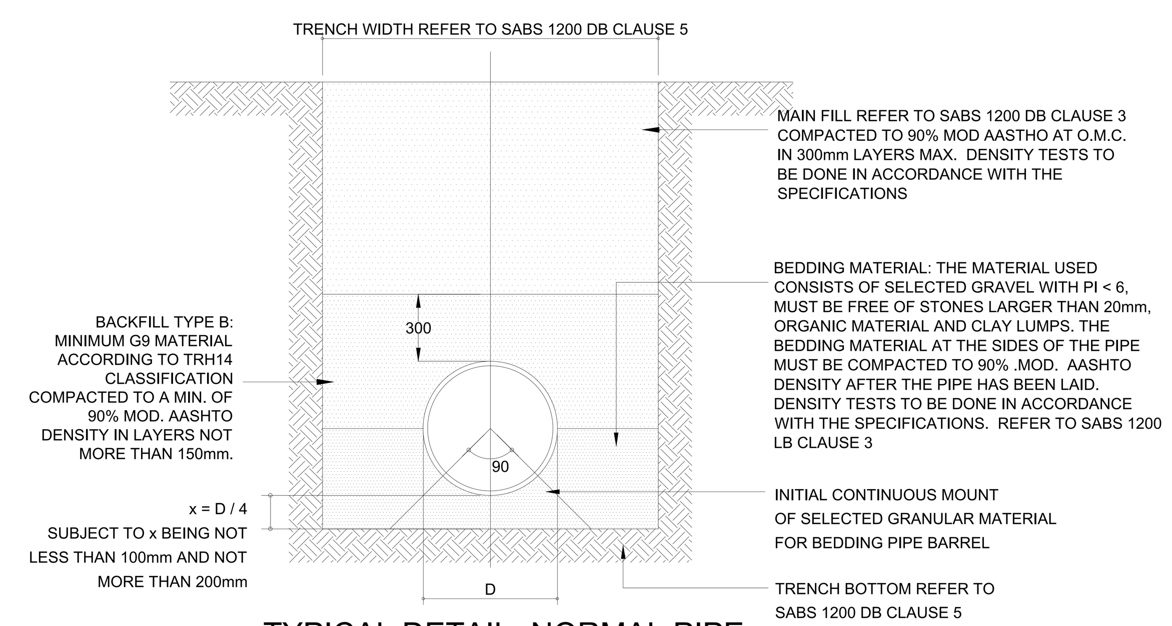
LEGEND

KI.	RIGHT HAND KERB INLET
KI.	LEFT HAND KERB INLET
KI.	LOW POINT KERB INLET
MH.	MH. TYPE 1
MH.	MH. TYPE 3
JB.	JUNCTION BOX
	NEW STORMWATER PIPE, SIZE AS PER LAYOUT
	EXISTING COUNCIL STORMWATER PIPE, SIZE AS PER LAYOUT
	NEW JRA ROADS
	(GI.) STORMWATER H/D GRID INLET 450 X 600 - COMPLETE (C) SAINT GOBAIN PRODUCT NUMBER:16055 FOR ALL TRAFFIC AREAS
	CUT GI. SALBERG 1m PRECAST OR SIMILIAR APPROVED STORMWATER CUT OFF GRID INLET COMPLETE WITH JUNCTION BOX

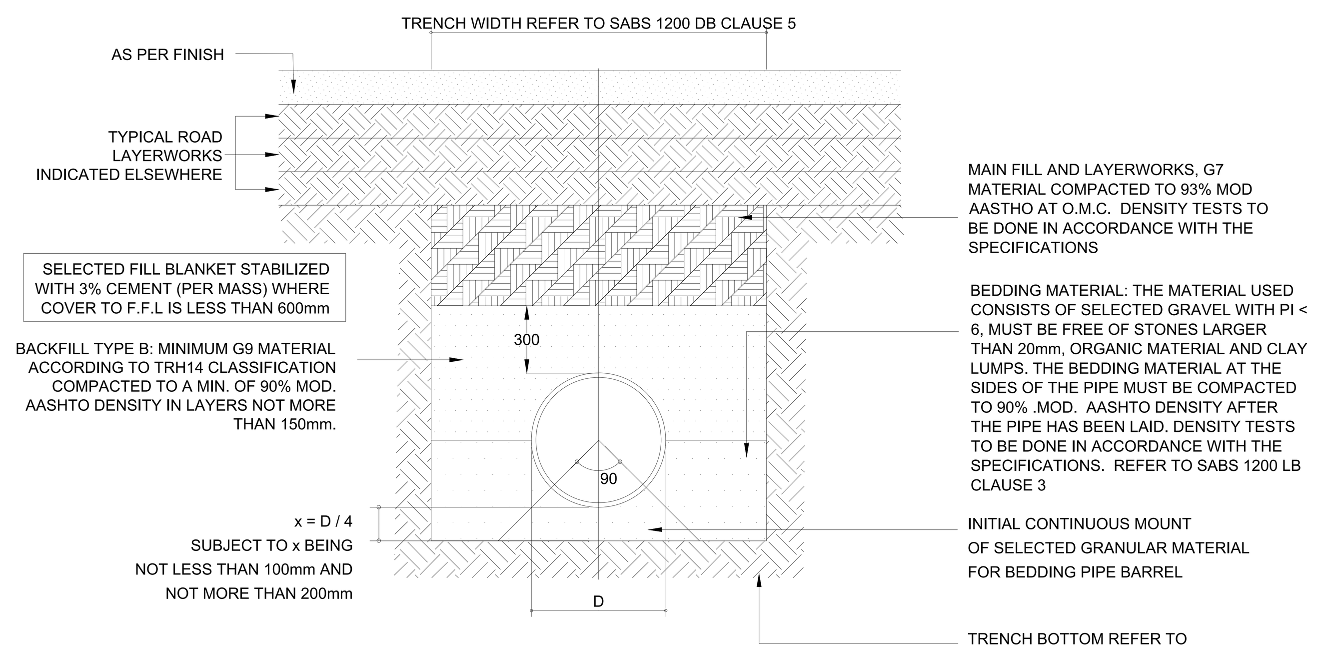
NOTE:
MH. DEPTHS DEEPER THAN 1.75m DEEP, WIDTH OF BRICKWORK TO BE INCREASED TO 345mm

STORMWATER NOTES:

1. ALL WORK TO BE DONE IN ACCORDANCE WITH RELEVANT SABS 1200 SPECIFICATIONS.
2. ALL BEDDING TO BE CLASS 'B'.
3. PIPE TRENCHES TO BE BACKFILLED IN 150 LAYERS AND COMPACTED TO 93% MOD. AASHTO.
4. BEDDING TO BE COMPACTED TO 90% MOD. AASHTO.
5. PIPES TO BE LAID CROWN TO CROWN.
6. ALL WORK TO COMPLY WITH LOCAL AUTHORITY`S REQUIREMENTS.
7. CONTRACTOR TO CONFIRM INVERT LEVELS OF EXISTING STORMWATER MANHOLES/CHANNEL AT CONNECTION POINTS, PRIOR TO CONSTRUCTION OF STORMWATER RETICULATION COMMENCING.
8. ALL STORMWATER PIPES AND INLETS ARE POSITIONED ACCORDING TO AVAILABLE SURVEY INFORMATION AND MAY REQUIRE ADJUSTMENT AS INSTRUCTED BY THE ENGINEER TO SUIT CONDITIONS ON SITE.
9. ACCESS TO PRIVATE PROPERTIES IS TO BE MAINTAINED AT ALL TIMES.
10. THE CONTRACTOR IS TO SEARCH FOR AND CONFIRM POSITIONS AND DEPTHS OF ALL SERVICES BEFORE COMMENCING WORK. PROTECTION OF SERVICES DURING CONSTRUCTION SHALL REMAIN THE CONTRACTORS RESPONSIBILITY.



TYPICAL DETAIL- NORMAL PIPE TRENCH



TYPICAL DETAIL-PIPE UNDER ROAD

DEPARTMENT	APPROVED	DESIGNATION	DATE

CONSULTING ENGINEERS
C-PLAN DEVELOPMENT CONSULTANTS
459 Ontdekkers Road, Florida Hills, Roodepoort
P.O. Box 6622, Westgate, 1734
Tel: (011) 472 2277
Fax: (011) 472 2305
E-Mail: kco@iafrica.com
Web: www.cplan.co.za

PRIVATE DRAWING No 20521-310
APPROVED
Pr. Eng. No.
DATE

SURVEYED		
DESIGNED	G.HUYSAMEN	OCTOBER 2020
DRAWN	G.HUYSAMEN	OCTOBER 2020
CHECKED	KC OOIJKAAS	OCTOBER 2020
SERVICES CHECKED		
GEOTECHNICAL INVESTIGATION		
SERVITUDES		
APPROVED		

JOHANNESBURG ROADS AGENCY
66 Pixely Seme Street
(Previously Sauer Street)
cnr. Rahima Moosa Street
Johannesburg 2107
2000
TEL: (011) 298-5000
FAX: (011) 298-5178

CITY OF JOHANNESBURG

INTERNAL STORMWATER LAYOUT FOR THE NEW PROPOSED DEVELOPMENT ON STRUBENSVALLEI EXT.24

DESIGN MANAGER
DATE

SCALE: A0 1:400

	AMENDMENTS	APPROVED	DATE
A	ISSUED FOR INFORMATION		2020/12/07
B	ISSUED FOR INFORMATION		2021/05/06

DRAWING No. 20521-310
1 OFF 1
FILE No