



LEGEND

PROPOSED SERVICES

- SW STORMWATER MAIN
- MH STORMWATER MANHOLE
- STORMWATER GRATED PIT
- X X X X X X X X X X ABANDON SERVICE

EXISTING SERVICES

- eSW STORMWATER MAIN
- eMH STORMWATER MANHOLE
- eS STORMWATER SUMP

WARNING:

EXISTING SERVICES SHOWN ARE BASED ON INFORMATION PROVIDED BY SERVICE AUTHORITIES AND ARE ESTIMATES ONLY. UNDER NO CIRCUMSTANCES SHOULD THE LOCATIONS OF SERVICES SHOWN ON THIS PLAN BE RELIED UPON FOR ON SITE WORK. ALL INFORMATION MUST BE CONFIRMED IN THE FIELD.

STORMWATER

1. CARRY OUT WORKS IN ACCORDANCE WITH TCCS STANDARD SPECIFICATION FOR URBAN INFRASTRUCTURE WORKS.

2. CONSTRUCT STRUCTURES, CONNECTIONS, BENDS etc. IN ACCORDANCE WITH THE FOLLOWING STANDARD DRAWINGS:

- ST-0001 - PIPE JOINTIONS
- ST-0002 - PIPE DETAILS
- ST-0011 - SUMP INLETS ON KERBS AND GUTTERS
- ST-0012 - TYPE R AND OS SUMPS
- ST-0013 - PLANTATION AND GRATED SUMPS
- ST-0014 - 1050 ND MANHOLES
- ST-0015 - SPECIAL CHAMBERED MANHOLES
- ST-0016 - SURCHARGE STRUCTURES
- ST-0017 - STRUCTURES - MISCELLANEOUS DETAILS
- ST-0018 - PIPE CONNECTIONS TO STRUCTURES
- ST-0019 - MULTIPLE TYPE R SUMPS
- ST-0021 - PIPE CULVERTS 300 - 675 DIA - ENDWALLS
- ST-0022 - PIPE CULVERTS 750 - 1200 DIA - HEADWALLS
- ST-0023 - PRECAST BOX CULVERTS - ENDWALLS
- ST-0024 - PRECAST BOX CULVERTS - HEADWALLS
- ST-0025 - FLOODWAY LOW FLOW PROVISIONS
- ST-0026 - AT-GRADE FLOODWAY CROSSING
- ST-0031 - MINOR GPT LAYOUT - PARALLEL TO FLOODWAY
- ST-0032 - MINOR GPT LAYOUT - PERPENDICULAR TO FLOODWAY
- ST-0033 - MAJOR GPT LAYOUT
- ST-0034 - GPT TRASH RACKS

3. FLEXIBLE JOINTS, BEDDING AND BACKFILL SHALL BE IN ACCORDANCE WITH STANDARD DETAILS.

4. ALL PIPES SHALL BE RUBBER RING JOINTED, EXCEPT FOR 100mm UPVC PIPES WHICH SHALL BE SOLVENT WELDED.

5. ALL SUMPS AND MANHOLES OF GREATER DEPTH THAN 900mm SHALL BE FITTED WITH GALVANISED STEP IRONS.

6. ALL STORMWATER TIES TO BE 100mm DIA LAID AT 1% GRADE.

7. MATERIALS:
STORMWATER MAIN - STEEL REINFORCED CONCRETE PIPES (SRC) MANHOLE ACCESS COVERS - HD MH INDICATES MANHOLE WITH CAST IRON 'CLASS D GATIC' COVERS OR EQUIVALENT.

8. MINIMUM STORMWATER PIPE COVERS:
- 300mm IN AREAS NOT SUBJECT TO VEHICULAR LOADING.
- 450mm IN PAVED AREAS SUBJECT TO VEHICULAR LOADING.
- 750mm IN UNPAVED AREAS SUBJECT TO VEHICULAR LOADING.

9. ANY DAMAGE CAUSED TO INSTALLED OR EXISTING PIPES SHALL BE MADE GOOD AT THE CONTRACTORS EXPENSE.

VERIFIER

JOB MANAGER: D. FIELD

DESIGNED: W.BASSANELLI

DRAWN: J.CLANCY

NOT FOR CONSTRUCTION

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
1	WORKS APPROVAL	JC	WB	11.12.19	
2	WORKS APPROVAL (v2)	JC	JW	28.01.20	
3	WORKS APPROVAL (v3)	JC	WB	04.09.20	

CLIENT	ARCHITECT
CROMWELL PROPERTY GROUP	NETTLETON TRIBE
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0 2.5 5.0 7.5 10.0 12.5m PLAN SCALE 1:250 @ A1

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PROJECT
19 NATIONAL CIRCUIT
BLOCK 5, SECTION 22
BARTON

DRAWING TITLE
CIVIL WORKS
CONCEPT STORMWATER
MANAGEMENT PLAN

JOB NUMBER
CR192316
DRAWING NUMBER
C160
REVISION
3
DRAWING SHEET SIZE = A1