



NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECTS DRAWINGS & DIMENSIONS ONLY (NOT SCALING) TO BE USED. WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY DOUBT - ASK.
- CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.
- WASTE DRAINAGE DETAILS TO BE IN ACCORDANCE WITH IWSH WATER REQUIREMENTS UNLESS NOTED OTHERWISE.
- CONNECTION OF BRANCHES TO THE MAIN LINE ARE TO BE BY MEANS OF 45° BRANCH CONNECTIONS. SAGLE CONNECTIONS ARE ONLY PERMITTED FOR CONNECTING GULLY TAILS TO BRANCHES/MANHOLES.
- INTERNAL GROUND FLOOR FLOOR CONNECTIONS TO DRAIN SEPARATELY FROM THE UPPER STOREYS.
- ALL BURIED PIPES UNDER GROUND FLOOR SLABS TO BE ENCASED IN CONCRETE.
- CONTRACTOR TO NOTE REQUIREMENTS FOR PEDESTRIAN FRIENDLY GULLY GRATINGS ON THE GRANTY SHARED SURFACE CARRIAGEWAY AND BLACK MACADAM ROADS THESE SHALL BE A MESH TYPE D400 GRADE DUCTILE IRON GRATING. ROAD GULLIES IN BLACK MACADAM AREAS REQUIRE STANDARD D400 GRADE GULLY GRATINGS. ALL ROAD GULLY GRATINGS TO BE MIN. D400 RATING.
- REFER TO DRAWING C-120A FOR PERMEABLE PAVING DRAINAGE AND S4/S RATES.

NOTE ON ACCESS JUNCTION COVERS:

- FOR AJ COVERS LOCATED IN PLUM SLATE OR SOFT LANDSCAPING: DUCTILE IRON COVER & FRAME REQUIRED COMPLETELY WITH 100mm ALL AROUND.
- FOR AJ COVERS LOCATED IN HARD LANDSCAPING: ONLY CONCRETE PLINTH AND PROVIDE GRADE C 200 RECESSED LIDS. INFILLED WITH SIMILAR ADJACENT SURFACING MATERIAL.
- NOTE DEPTH OF RECESS IN LIDS LOCATED IN FORMERLY PAVED AREAS SHALL BE 100mm DEEP.
- DEPTH OF RECESS FOR LIDS IN MACADAM/GRAVEL AREAS MAY BE REDUCED TO 50mm AS LONG AS D400 RATING IS MAINTAINED.

NOTE ON BEDDING AND SURROUND TO A/F'S:

- 100mm DEEP CONCRETE C200 PLINTH WITH PROTECTIVE STAINLESS STEEL METAL BAND REQUIRED FOR ALL GULLY GRATINGS LOCATED IN PLUM SLATE OR SOFT LANDSCAPING. ALL GULLY GRATINGS & FRAMES TO BE DUCTILE IRON TO APPROVAL OF EMPLOYER'S REPRESENTATIVE.
- WHERE AJ RISERS ARE USED, REGARDLESS OF GROUND FINISH SPECIFIED, THE RISERS SHALL BE FULLY SURROUNDED IN MIN. 150MM CONCRETE.

TABLE K

MANHOLE PIPE Ø	CHAMBER INTERNAL Ø
225	1200
300	1200
375	1200
450	1200
525	1200
600	1200
675	1350
750	1500
900	1500
1050	2100
1200	2100

TABLE L

MANHOLE PIPE Ø	CHAMBER INTERNAL Ø
225	1200
300	1200
375	1200
450	1200
525	1200
600	1200
675	1350
750	1500
900	1500
1050	2100
1200	2100

TABLE M

MANHOLE PIPE Ø	CHAMBER INTERNAL Ø
225	1200
300	1200
375	1200
450	1200
525	1200
600	1200
675	1350
750	1500
900	1500
1050	2100
1200	2100

MINIMUM MANHOLE DIMENSIONS "D"

DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	INTERNAL DIMENSION OF MANHOLE (mm)
LESS THAN 375	1200
375 TO 450	1350
450 TO 750	1500

PROJECT INFORMATION

PL2	09.07.21	ISSUED FOR PLANNING APP.	DR	MR
PL1	20.11.20	ISSUED FOR PRE-PLANNING APP.	DR <td>MR</td>	MR
ISSUE	DATE	DESCRIPTION	DR <td>MR</td>	MR

PLANNING

BM **ACEI**

CWTC Multi Family ICAV acting on behalf of its sub-fund DBTR DR1 Fund

Holy Cross College SHD

PROJECT TITLE **PROJECT No.**

19.253

MODEL REFERENCE **MODEL REV.** **SUSTAINABILITY**

DRAWING TITLE **TYPICAL DRAINAGE DETAILS**

DRAWING No. **CLN-BMCE-50-ZZ-DR-C-1200** **DATE** **PL2**