

HYTER ENGINEERING I STORMWATER GLASS ENGINEERING michael@hyten.com.au	Client JOHN TOURNI	Title
	Project 104 HOMER STREET, EARLWOOD	ISSUED FOR DEVELOPME

STORM WATER DR/

Project Number Drawing Number

22 H 586

Design	Drawn
M.A.	A.J.

SW 01

PERIMETER WALLS IN ALL CASES. CHANGES ARE TO OCCUR. ELEMENTS U.N.O. FIRE RATING TO ARCHITECT'S SPECIFICATIONS. ALL FINISHED FLOOR LEVELS ARE NOMINATED BY ARCHITECT. ALL SITE SAFTEY MEASURES AND WORK METHOD STATEMENTS PREPARED BY BUILDER/SUB-CONTRACTORS ARE TO BE IMPLEMENTED DURING CONSTRUCTION. NO WORK IS TO COMMENCE UNIT ALL WORKERS CARRY OUT SITE INDUCTION, PREPARED AND CARRIED OUT BY BUILDER. ANY

HAVE "J" BOLTS INSTALLED TO GRATES.

COMPLETED TO DIRECT FLOWS AS SHOWN.

ASSUMED SHOWN ON DRAWINGS.

PARAPETS ETC. ALL EXTERIOR FINISHED GROUND LEVEL TO BE SLOPING AWAY FROM ALL HEADROOM CLEARANCES TO BE COORDINATED BETWEEN THE

BLOCKAGE WITH ADEQUATE OVERFLOW SECTION THROUGH PLANTERS,

- BUILDER & THE ARCHITECT. NOTIFY ENGINEER FOR APPROVAL IF ANY
- ALL GULLY POSITIONS ARE DIAGRAMMATIC ONLY BUILDER SHOULD CONSULT ARCHITECTURALS FOR DIMENSIONS TO LOCATE STORMWATER

HAZARD IDENTIFICATION TO BE REPORTED IMMEDIATELY TO SITE

HAZARD, PRIOR TO PROCEEDING WITH WORK. STRUCTURAL AND

SUPERVISOR TO CARRY OUT NECESSARY PROCEDURES TO ELIMINATE

GEOTECHNICAL ADVICE SHOULD BE SOUGHT IN ALL CASES. CONFINED

MAINTENANCE DEVICES REQUIRED BY AUTHORITIES ARE NOT TO BE

SPACES SIGNAGE TO BE INSTALLED IN ACCESSIBLE UNDERGROUND TANKS TO WORK COVER SPECIFICATIONS. ALL PITS EXCEEDING 600mm DEPTH TO

EARTH MOUNDING SHOWN AS TEMPORARY MEASURE UNTIL LANDSCAPING

- STRUCTURAL ENGINEER. ALL FENCES WHICH MAY DIVERT FLOW FROM PROPOSED DIRECTION TO BE RAISED 100mm. BUILDER TO ENSURE ALL DRAINAGE AREAS INCLUDING EXPOSED BALCONIES TO HAVE OVERFLOW MECHANISM IN PLACE IN THE EVENT OF
- SURVEYS ARE IN ACCORDANCE WITH LEVELS ON SITE AND ARE APPROVED BY COUNCIL & THE ARCHITECT BEFORE COMMENCING WORK. NO SEWER VENTS, GULLY PITS OR SIMILAR TO BE LOCATED BELOW THE

MAXIMUM WATER SURFACE LEVEL IN DETENTION BASINS. ALL BASIN

WALLS TO BE WATERTIGHT & STRUCTURALLY DESIGNED BY A

- ARR97 & BCA IT IS THE BUILDER'S RESPONSIBILITY TO CONFIRM THAT LEVELS AND
- BE IN ACCORDANCE WITH AS3500.3.2:7, ALL WORKS TO BE IN ACCORDANCE WITH AS1254,1741,2032,2733,2865,3996,1260,1477,2179.1 & 2.2566, 6367,8301,
- ALL TRENCHES TO BE IN ACCORDANCE WITH AS3500.3.2:7.2.8-14, EMBEDMENT MATERIAL & TRENCH FILL TO ALL PIPES & SUBSOIL DRAINS TO
- USED ONLY IN SINGLE DWELLINGS. ALL PIPE JOINTS TO BE IN ACCORDANCE WITH AS3500.3.2:2.7 ALL VALVES TO BE IN ACCORDANCE WITH AS3500.3.2 EXPANSION JOINTS AND ACCESSORIES TO COMPLY WITH AS2179.2 &
- NOT TO BE DIRECTED ON TO ROOF SURFACES. RISING MAINS (PRESSURE PIPE) TO BE IN ACCORDANCE WITH AS3500.1:2. SUBSOIL DRAINS TO BE IN ACCORDANCE WITH AS2439.1 CLASS 100 TO BE
- **BELOW THEIR CREST.**
- EAVE GUTTERS. RAINHEADS TO HAVE AN OVERFLOW DUCT OR WEIR 50mm PROVIDE OVERFLOW SPITTERS TO ALL COVERED BALCONIES/TERRACES.

- GUTTER OUTLETS SHALL BE FITTED VERTICALLY TO THE SOLE OF THE
- COUNCIL POLICY OR CONSENT REQUIRE SUCH.
- TO HAVE ADEQUATE PROTECTION TO U.V. RADIATION IN ACCORDANCE WITH AS2032. SEWER GRADE/GALVANISED PIPES TO BE USED WHERE
- AS1254,1260,1273,1477,2179.2 AND WHERE EXPOSED TO DIRECT SUNLIGHT
- V.C. CLASS "X" OR U.P.V.C. CLASS STORMWATER PIPE TO
- GUTTER U.N.O.
- SHALL BE INSTALLED IN ACCORDANCE WITH AS3500.3.2:4,11 & AS4198. MAXIMUM ROOF AREA PER DOWNPIPE IS 30m² WITH A QUAD 115 HI-FRONT PIPES TO HAVE 1% MINIMUM GRADE U.N.O. BY PIT INVERTS, PIPES TO BE
- COVER & SUMO GRATES SHALL COMPLY WITH AS2733 & AS4198 DOWNPIPES Ø=90mm IF CHARGED AND 100x50 BOX IF GRAVITY. U.N.O. DP's

STEP IRONS TO ALL PITS EXCEEDING 900 DEPTH.)

U.N.O. ALL PITS TO BE BENCHED TO DISCHARGE PIPES (U.N.O. GALVANISED

STORMWATER LAYOUT NOTES

PITS TO BE PRECAST CONCRETE OR RENDERED BRICK WITH CONCRETE

HEAVY DUTY GRATES. U.N.O. LIGHT DUTY PITS & GRATES MAY BE USED ONLY

PITS UP TO 600mm DEEP TO BE 450x450 U.N.O. PITS UP TO 900mm DEEP TO BE 600x600 U.N.O. PITS UP TO 1200mm DEEP TO BE 900x900 U.N.O.

IN LIGHT/FOOT TRAFFICABLE AREAS.

AS4198.



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Do not scale drawings, use figured dimensions only. WHEN IN DOUBT, ASK. It is your responsibility.				B	ISSI	JED FO	R D.A.				A	.J. M.A.	31.05.20)24	STRUCTURA			EERIN ILASS ENGINEERI	G
structural inspections, no certificate will be issued.		iny out	A	1881	JED FO	R D.A.				A	.J. M.A.	10.05.20	J24	0413 863 363	michael@	hyten.com.au	www.hyten.com	m.au	
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Client JOHN TOURNI

Project 104 HOMER STREET, EARLWOOD

ISSUED FOR

Title

140 150

STORM WATER DRAINAGE **DETAILS & SECTIONS**

DEVELOPMENT APPLICATION

Project Number 22 H 586

