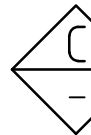


NOTE: CHECK & LOCATE DEPTH OF EXISTING MAINS & SERVICES PRIOR TO CONSTRUCTION OF STORMWATER SYSTEM AS VARIATIONS IN POSITION OF MAINS COULD AFFECT DRAINAGE CONSTRUCTION DETAILS

PROVIDE NEW $\phi 100$ DOWNPIPE (TYP)

CONNECT DOWNPIPES TO NEW $\phi 100$ P.V.C. LINE, ELSE CONNECT TO EXISTING STORMWATER LINES TO SATISFACTION OF SUPERVISING ENGINEER

NOTE: PLUMBER TO PERFORM WATER TESTING OF EXISTING PIPED SYSTEM TO DETERMINE CAPACITY AND STATE OF REPAIR. PLUMBER TO INSPECT & REPAIR DAMAGED SECTIONS OF EXISTING PIPE (INCLUDING DOWNPIPES) AS NECESSARY OR PROVIDE NEW DRAINAGE LINES WHERE NECESSARY SUBJECT TO THE APPROVAL BY THE SUPERVISING ENGINEER.



EXISTING 600 SQ. DETENTION CONTROL PIT. REPLACE EXISTING ORIFICE PLATE WITH $\phi 86$ mm DIAM. & PROVIDE NEW $\phi 150$ OUTLET STUB 1000 LONG TO EXISTING $\phi 100$ P.V.C. OUTLET

BENCHMARK CUT IN TOP OF KERB (FOUND) R.L. 15.35 (A.H.D.)

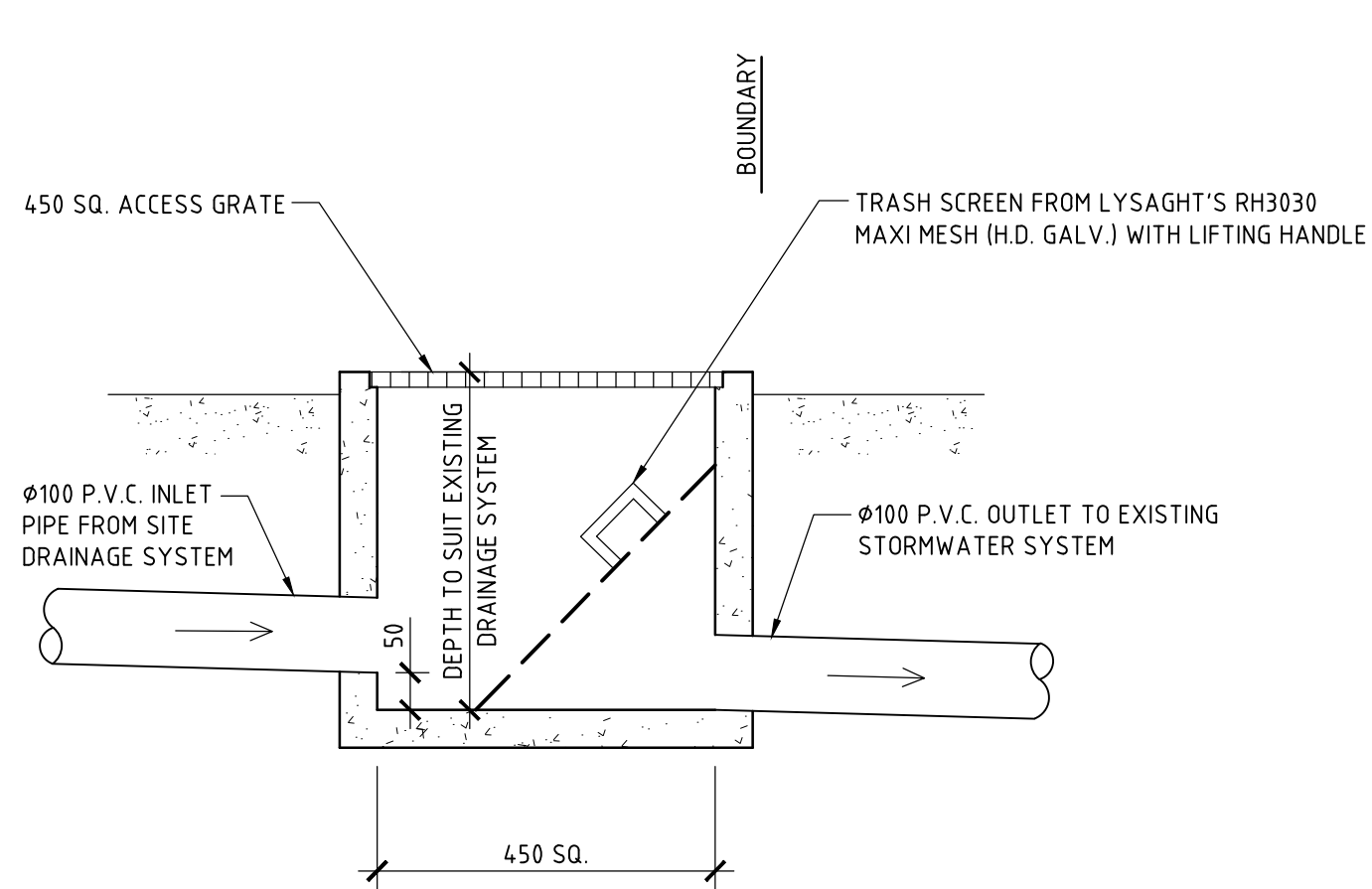
WABASH AVENUE

DRAINAGE NOTES

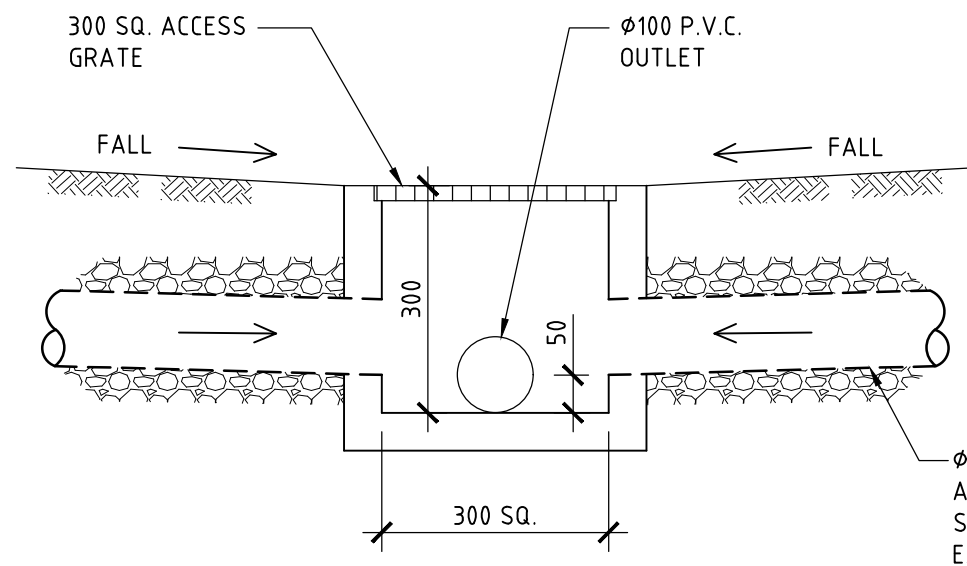
- + DENOTES EXISTING GROUND LEVEL
- FALL STORMWATER PIPES AT 1% MIN UNLESS OTHERWISE NOTED.
- SUB-SOIL DRAINAGE TO BE CONNECTED TO THE SITE DRAINAGE SYSTEM AS NECESSARY.
- SURFACE GRATES 300 SQ. UNLESS OTHERWISE NOTED
- ALL STORMWATER PIPES TO HAVE SOLVENT CEMENT WATERTIGHT JOINTS.
- CHECK & LOCATE DEPTH OF EXISTING MAINS & SERVICES PRIOR TO CONSTRUCTION OF STORMWATER SYSTEM AS VARIATIONS IN POSITION OF MAINS COULD AFFECT DRAINAGE CONSTRUCTION DETAILS.
- INSPECTIONS MUST BE UNDERTAKEN BY THIS OFFICE (BY PRIOR ARRANGEMENT WITH ENGINEER) DURING CONSTRUCTION TO ENABLE FULL CERTIFICATION UPON COMPLETION OF WORKS.
- ALL CONSTRUCTION OF COUNCIL DRAINAGE WORKS TO COMPLY WITH COUNCIL STANDARD.
- REMOVE REDUNDANT DRAINAGE PITS AND SEAL PIPES.
- PIT BENCHING TO BE HALF THE OUTGOING PIPE DIAMETER. CONCRETE FOR BENCHING TO BE 20 MPa MASS CONCRETE.
- APPROVED PRE-CAST PITS MAY BE USED.
- ALL PIPES TO BE LAID ON COMPACTED FINE CRUSHED ROCK OR SAND BEDDING 75mm THICK & PIPES BACKFILLED WITH COMPACTED SAND TO 300mm ABOVE TOP OF PIPE, ELSE ATTACHED TO UNDERSIDE OF STRUCTURE AT 600mm c/c AS NECESSARY
- PIPE ROUTES SHOWN ARE INDICATIVE ONLY AND SHOULD BE AS NECESSARY ACCORDING TO SITE CONDITIONS, TREE POSITIONS ETC. CONFIRM SIGNIFICANT CHANGES IN PIPES SYSTEM DETAILS WITH SUPERVISING ENGINEER PRIOR TO COMMENCEMENT OF DRAINAGE CONSTRUCTION WORKS.
- CONTRACTOR SHALL ENSURE THAT SERVICES TO BUILDINGS NOT AFFECTED BY THE WORKS ARE NOT DISRUPTED. CONTRACTOR SHALL CONSTRUCT TEMPORARY SERVICES TO MAINTAIN EXISTING SUPPLY TO BUILDINGS WHERE REQUIRED. ONCE WORKS ARE COMPLETE AND COMMISSIONED THE CONTRACTOR SHALL REMOVE ALL TEMPORARY SERVICES AND MAKE GOOD ALL DISTURBED AREAS.
- STORMWATER SYSTEM REQUIRES SIGNIFICANT MAINTENANCE DUE TO POTENTIAL HIGH POLLUTANT LOAD. FILTERS AND POLLUTANT TRAPS SHOULD BE CHECKED AFTER LARGE STORM EVENTS AND CLEANED EVERY 6 MONTHS.
- PLUMBING AND DRAINAGE WORKS TO COMPLY WITH AS-3500, THE NATIONAL DRAINAGE & PLUMBING CODE.
- WHERE POSSIBLE, DRAINAGE LINES SHALL BE LAID IN AREAS PREVIOUSLY DISTURBED BY OTHER SITE WORKS AND FOLLOW TOPOGRAPHICAL FEATURES TO REDUCE IMPACT AND AVOID TREE ROOTS.
- THIS STORMWATER MANAGEMENT PLAN HAS BEEN PREPARED FOR D.A. SUBMISSION TO COUNCIL AND DOES NOT NECESSARILY CONTAIN ALL APPROPRIATE INFORMATION TO ENABLE FOR ISSUE TO PLUMBER/BUILDER FOR CONSTRUCTION. CONTACT TAYLOR CONSULTING FOR MORE INFORMATION.

SITE DRAINAGE PLAN

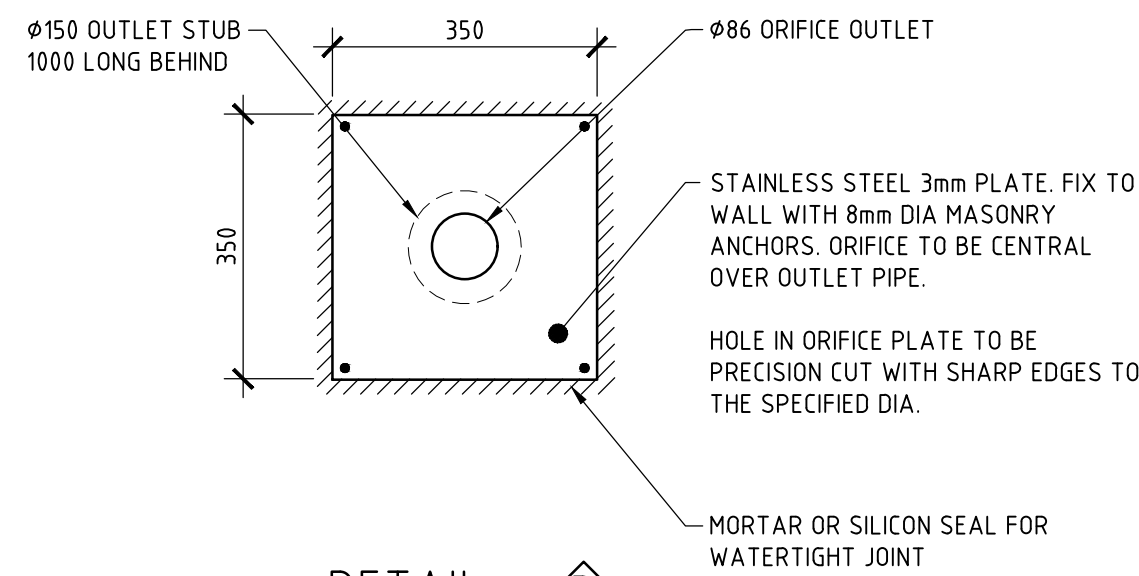
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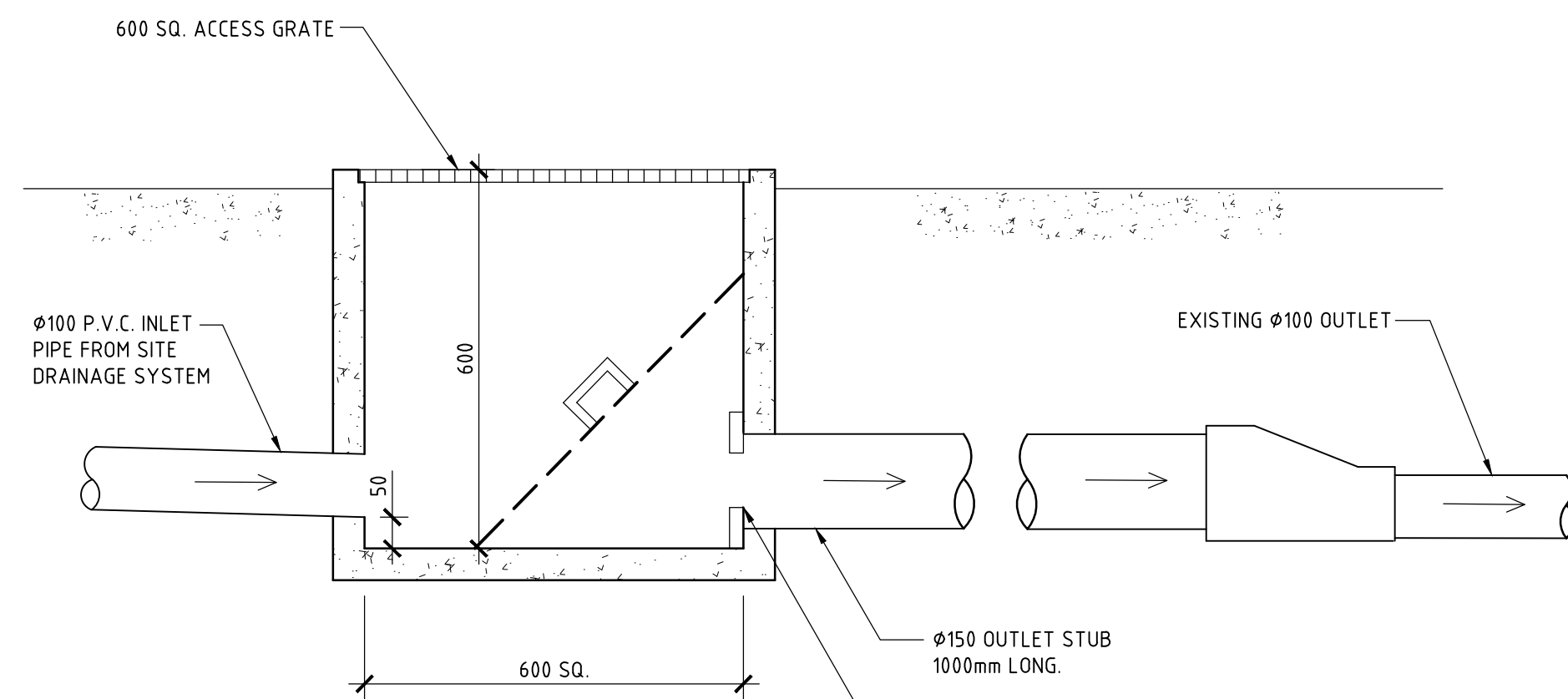
DETAIL A
SCALE 1:10
TYPICAL BOUNDARY PIT DETAIL



DETAIL B
SCALE 1:10
TYPICAL SURFACE INLET PIT DETAIL



DETAIL D
SCALE 1:10
ORIFICE PLATE DETAIL



DETAIL C
SCALE 1:10
TYPICAL DETENTION CONTROL PIT DETAIL

STORMWATER SYSTEM DESIGN DATA

SITE DATA

SITE AREA = 484 m² (100%)
PROPOSED IMPERVIOUS AREA = 318 m² (66%)
PROPOSED LANDSCAPED AREA = 166 m² (34%)
EXISTING IMPERVIOUS AREA = 305 m² (63%)
EXISTING LANDSCAPED AREA = 179 m² (37%)

ISSUE DATE	REVISION
9 MAY 2022	CHANGES TO SUIT COUNCILS COMMENTS

TITLE	STORMWATER MANAGEMENT PLAN 21A WABASH AVENUE, CROMER
DRAWN	CJM
DATE	11 MARCH 2022
CHECKED	<i>[Signature]</i> BE Civil (Hons) MIE Aust.
SCALE	© A1 1:100 1:10

TAYLOR
CONSULTING
CIVIL & STRUCTURAL ENGINEERS

STORM-1/A