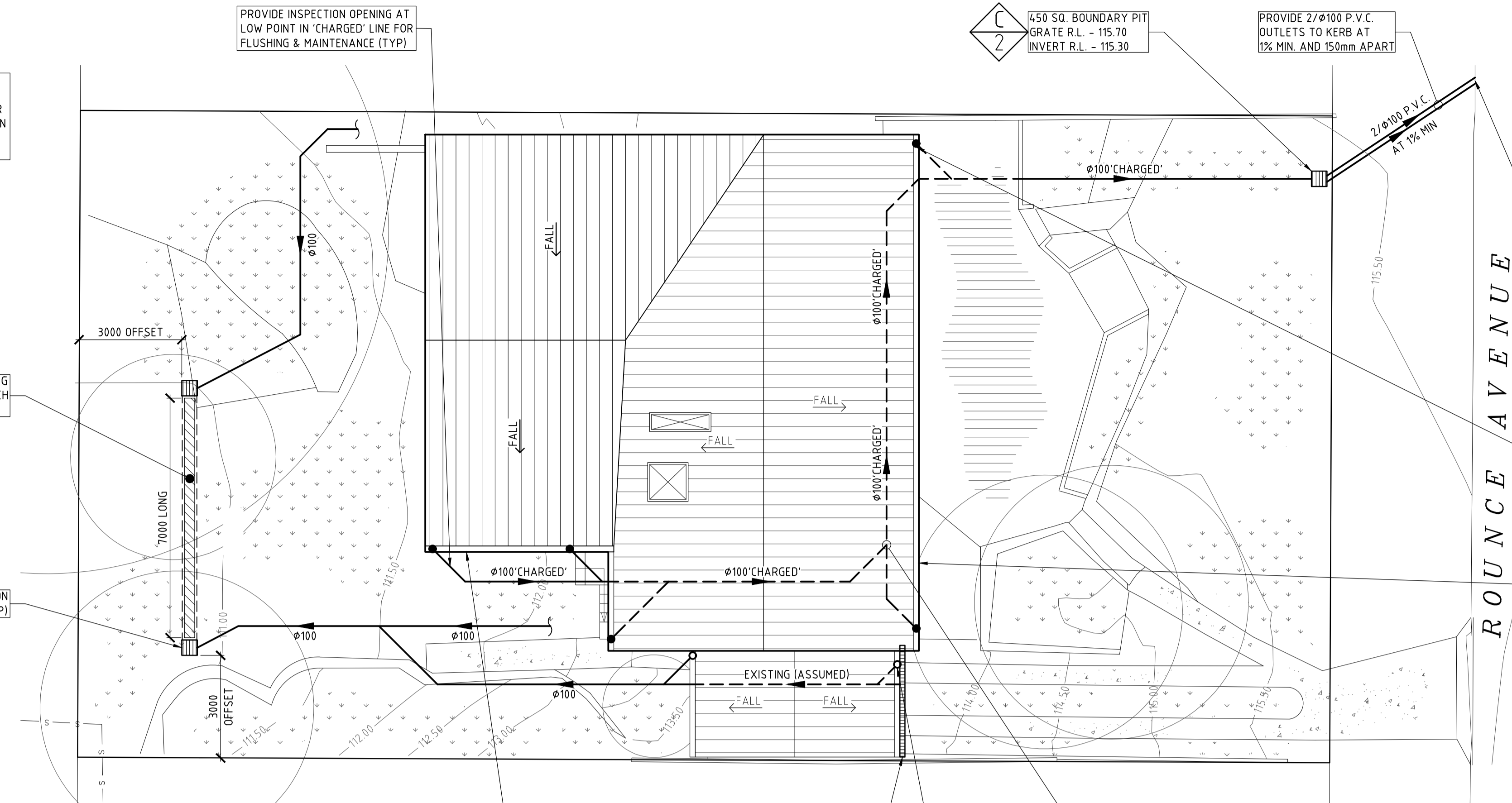


NOTE: CHECK & LOCATE DEPTH OF EXISTING MAINS & SERVICES PRIOR TO CONSTRUCTION OF STORMWATER SYSTEM AS VARIATIONS IN POSITION OF MAINS COULD AFFECT DRAINAGE CONSTRUCTION DETAILS

D 2 PROVIDE 7000 LONG DISPERSION TRENCH SYSTEM

D 2 450 SQ. POLLUTION CONTROL PIT (TYP)



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.

PROVIDE STRAMIT 200 HALF ROUND EAVES GUTTERS OR APPROVED EQUIVALENT 13500mm² (MIN) EAVES GUTTER

EXISTING WIDE GRATED DRAIN (TYP)

EXISTING DOWNPIPE (TYP)

SECURE DRAINAGE LINES TO UNDERSIDE OF FLOOR STRUCTURE AS NECESSARY FOR CONNECTION TO BOUNDARY PIT (TYP)

NOTE: BUILDER TO CONFIRM GUTTER INVERT R.L. 115.17 PRIOR TO COMMENCEMENT OF CONSTRUCTION

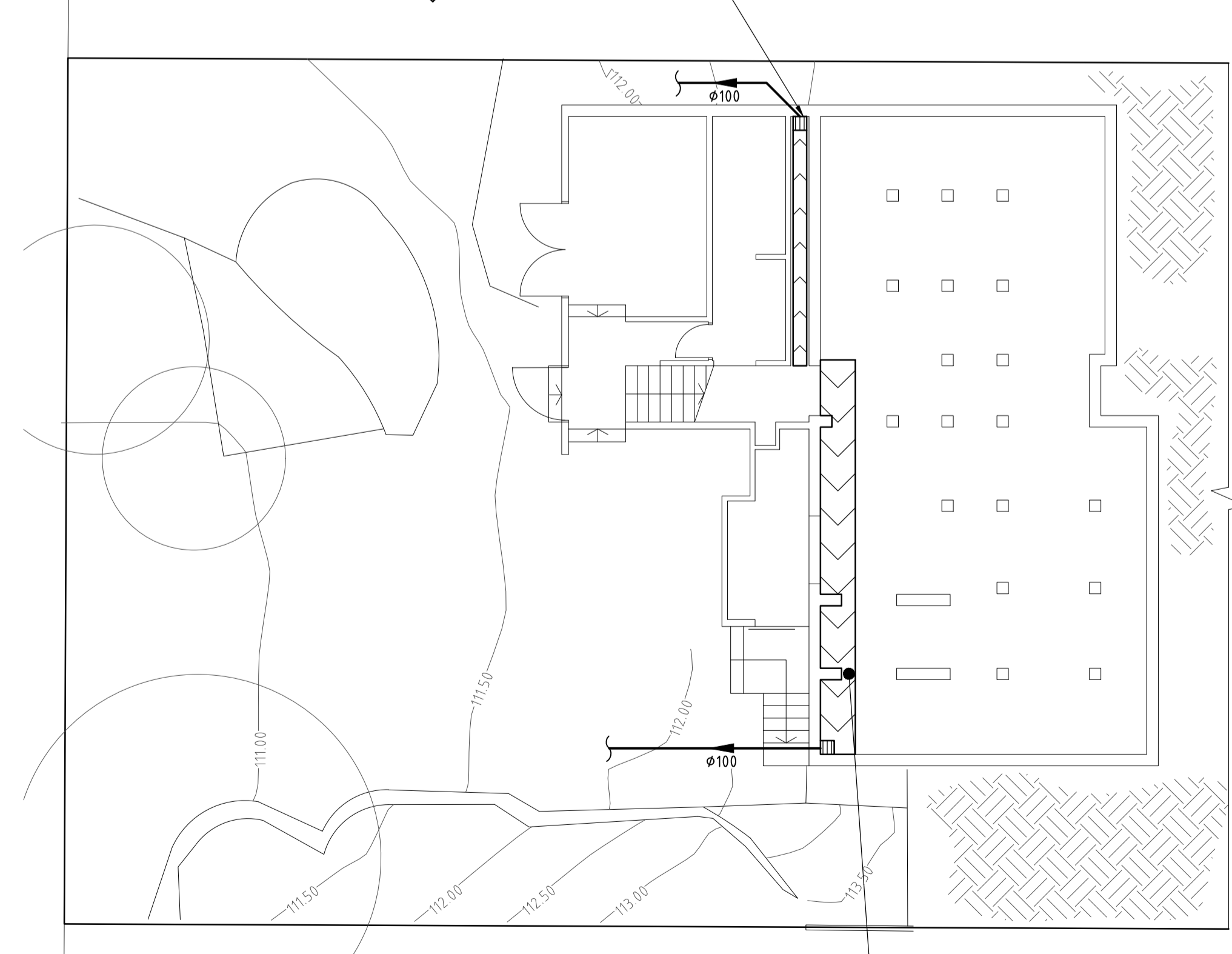
PROVIDE NEW Ø100 DOWNPIPE (TYP) NOTE: TURN Ø100 'CHARGED' PVC DOWNPIPES UP WALL SO ARE WATERTIGHT TO R.L. 116.70 (TYP)

PROVIDE STRAMIT 150 HALF ROUND EAVES GUTTERS OR APPROVED EQUIVALENT 7700mm² (MIN) EAVES GUTTER

- 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 SUBMISSION TO COUNCIL/CERTIFIER AND DOES NOT NECESSARILY CONTAIN ALL APPROPRIATE INFORMATION TO ENABLE FOR ISSUE TO PLUMBER/BUILDER FOR CONSTRUCTION. CONTACT TAYLOR CONSULTING FOR MORE INFORMATION.
- DISPERSION SYSTEM DESIGN DATA**
- IMPERVIOUS CATCHMENT = 34.6m²
 ABSORPTION RATE = 0.11mm³/min DETERMINED VIA HYDRAULIC INFILTRATION TEST AS PER AS1259.6.1.1-2001
 DESIGN RECURRENCE INTERVAL = 100 yr

SITE DRAINAGE PLAN
SCALE 1:100

A 2 300 SQ. BY 300 DEEP INLET PIT
NOTE: ALL PITS TO HAVE 2.0m LONG SUB-SOIL TAIL INLET



PROVIDE 300 WIDE BY 100 DEEP DISH DRAIN WITH 10% FALL TO INLET PIT

BASEMENT FLOOR PLAN
SCALE 1:100

STORMWATER SYSTEM DESIGN DATA

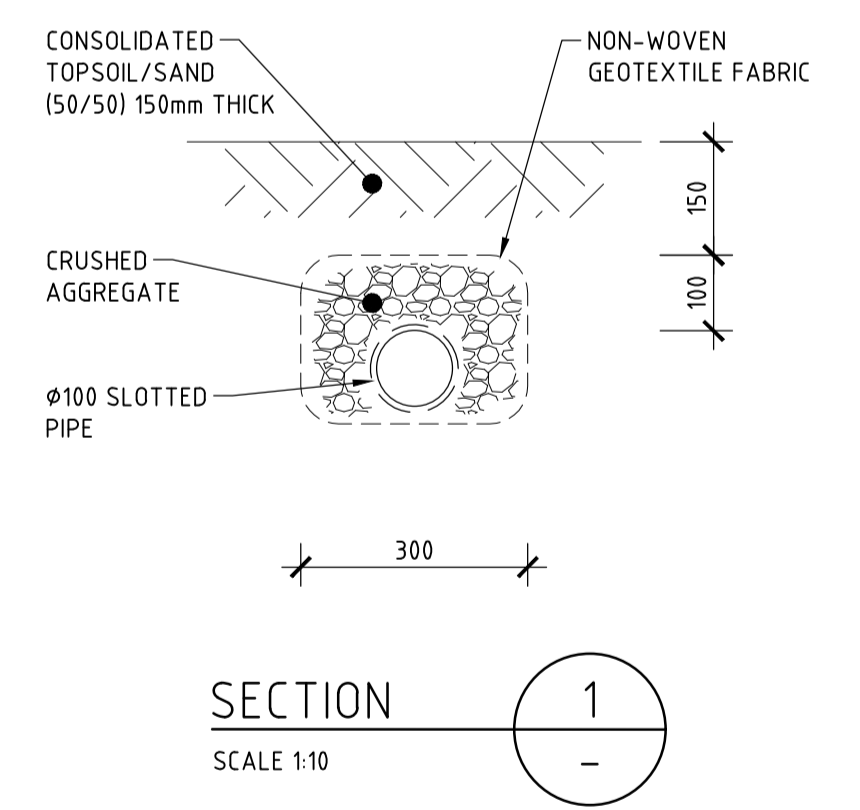
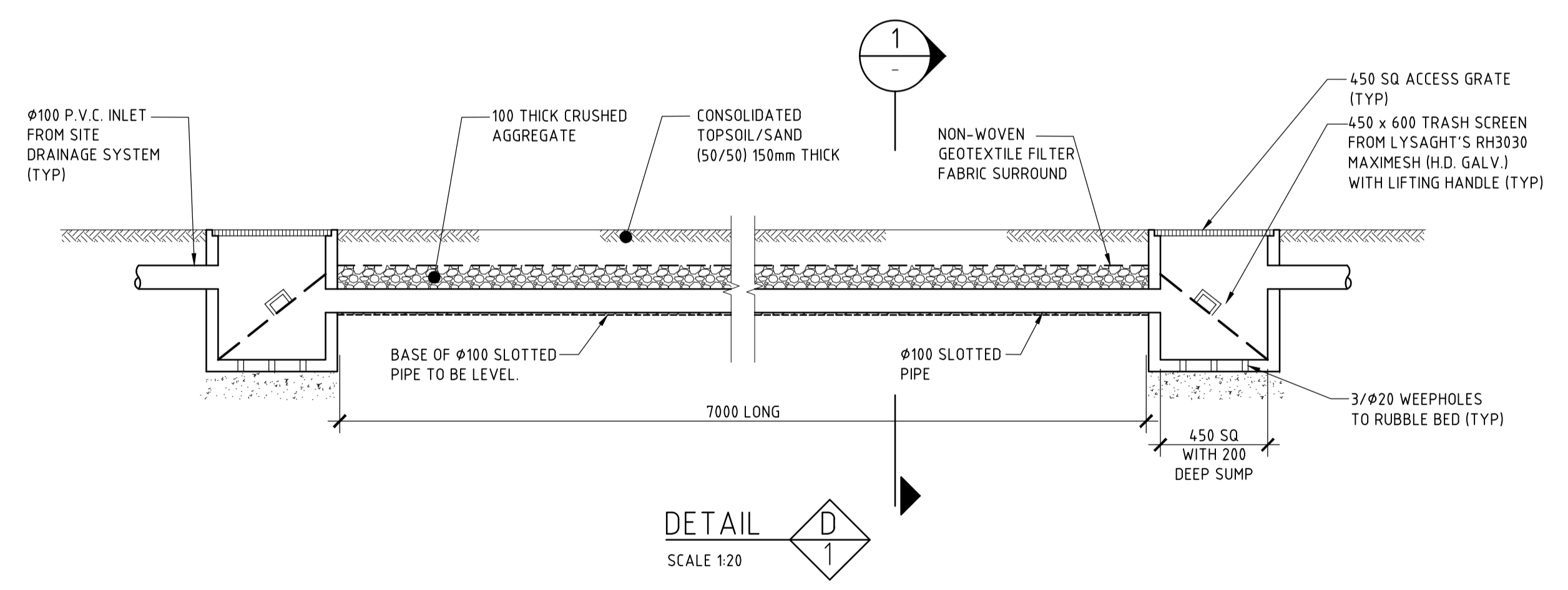
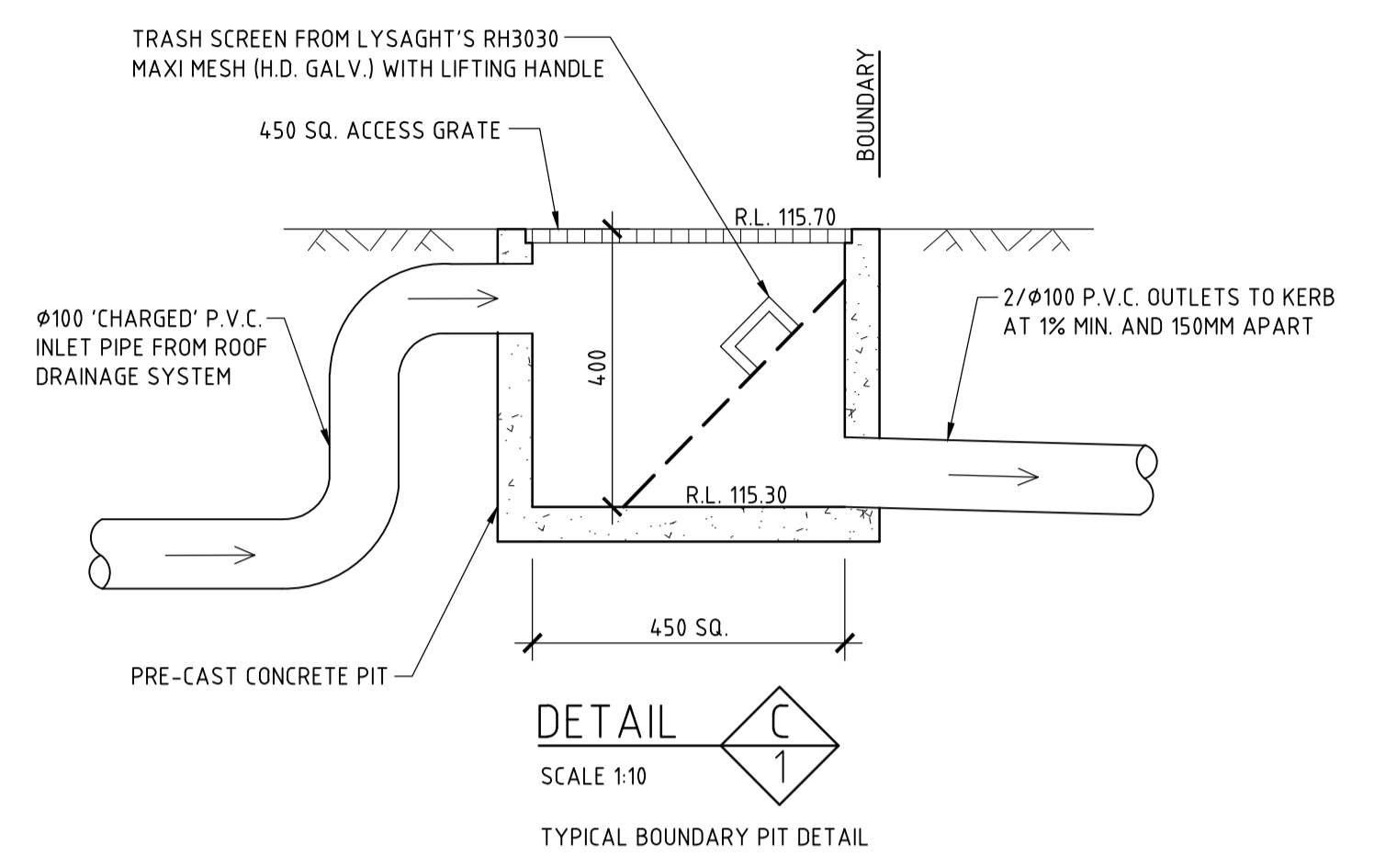
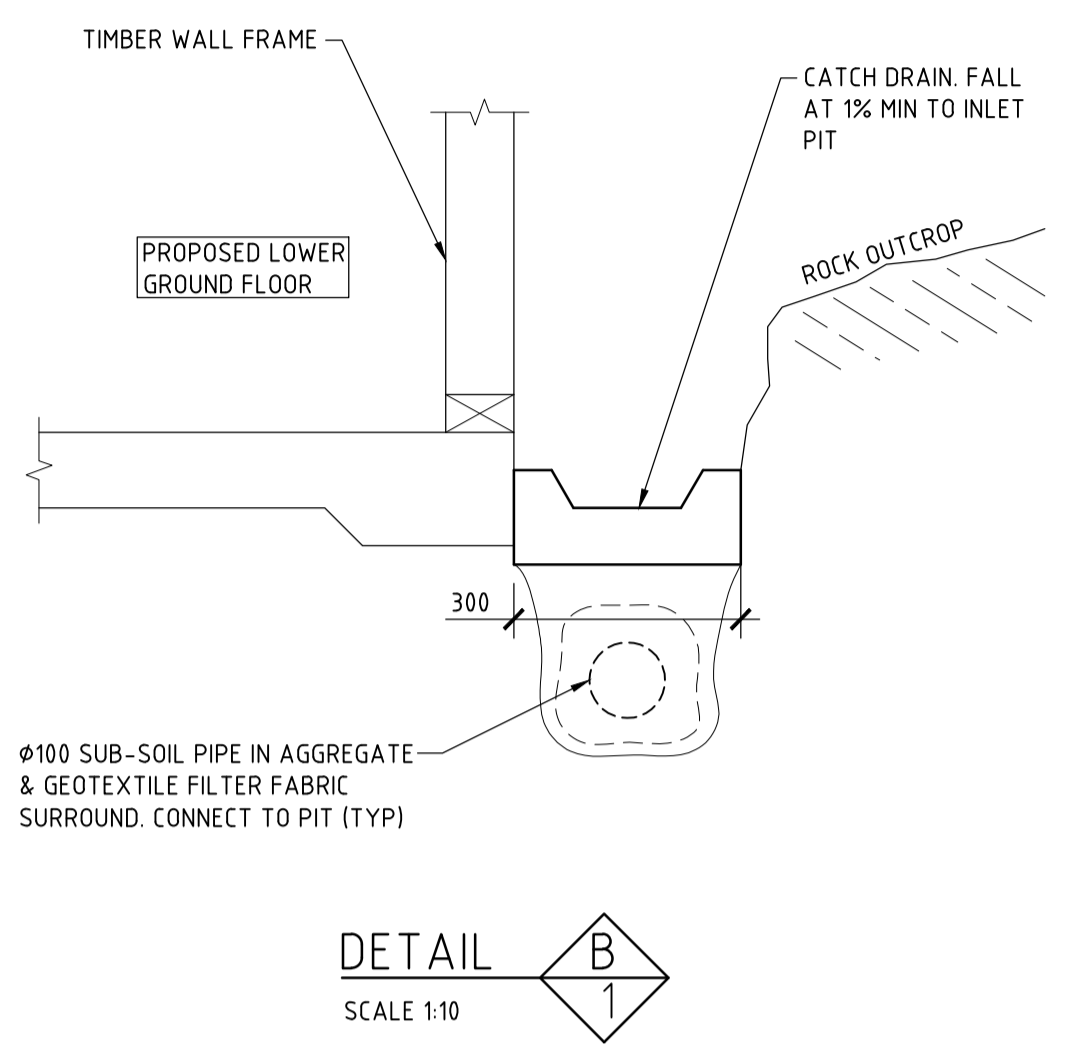
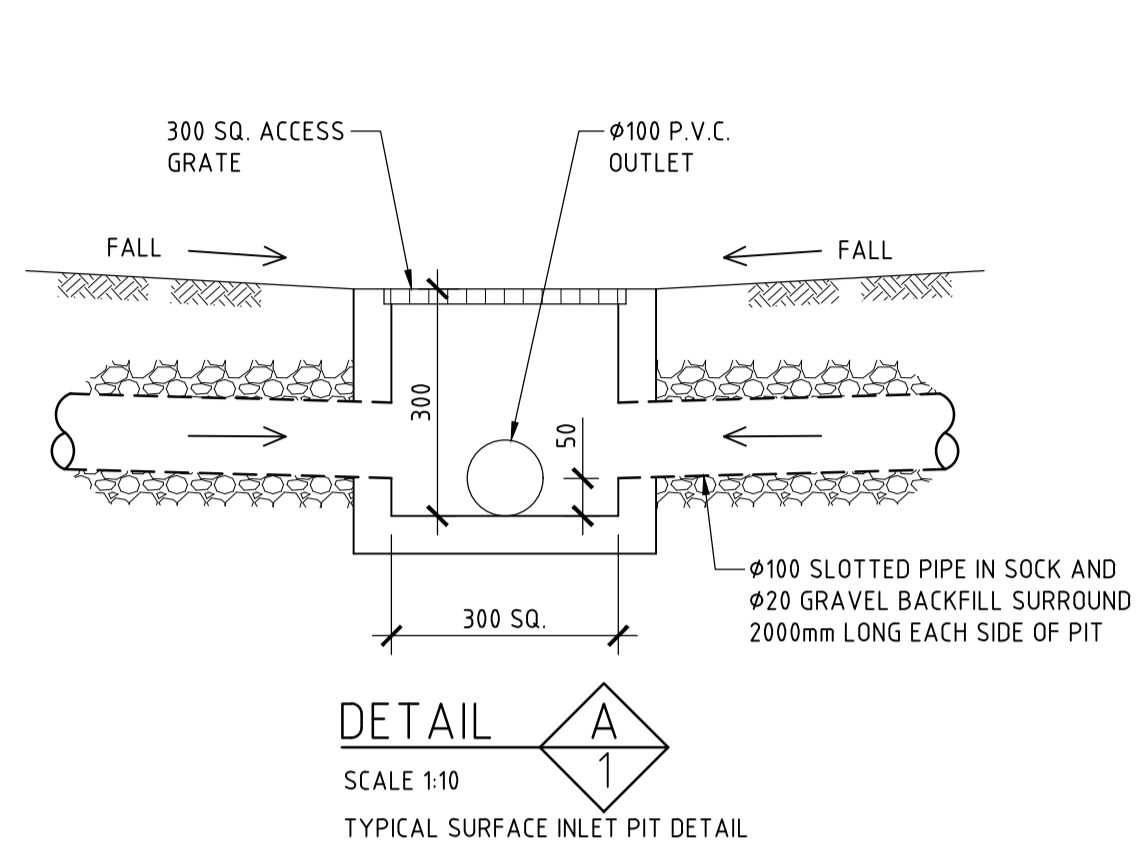
SITE DATA

SITE AREA = 6912 m ² (100%)
PROPOSED IMPERVIOUS AREA = 350 m ² (51%)
PROPOSED LANDSCAPED AREA = 3412 m ² (49%)
EXISTING IMPERVIOUS AREA = 299.4 m ² (4.3%)
EXISTING LANDSCAPED AREA = 3918 m ² (57%)

ISSUE DATE	REVISION

TITLE STORMWATER MANAGEMENT PLAN 4 ROUNCE AVENUE, FORESTVILLE			
DRAWN LI	DATE 30 APRIL 2024	CHECKED <i>[Signature]</i>	SCALE @ A1 1:100
ENGINEER HSC	BE Civil (Hons) MIE Aust.		





ISSUE DATE	REVISION

TITLE STORMWATER MANAGEMENT DETAILS 4 ROUNCE AVENUE, FORESTVILLE			
DRAWN LI	DATE 30 APRIL 2024	CHECKED <i>[Signature]</i>	SCALE @ A1 1:20 1:10
ENGINEER HSC	BE Civil (Hons) MIE Aust.		

TAYLOR CONSULTING
 CIVIL & STRUCTURAL ENGINEERS

DRAWING NO.
STORM-2