

USIL 8.878
 DSIL ON SITE
 LENGTH (m) ON SITE
 GRADE 0.30%

USIL 8.98
 DSIL 8.898
 LENGTH (m) 27.31
 GRADE 0.30%

PROVIDE APPROVED TYPE
 OUTLET HEADWALL TO PIPE
 END. PLACE GROUTED RIP RAP
 SCOUR PROTECTION TO OUTLET
 AS DIRECTED ON SITE.
 3.0 SQM MINIMUM

LOCATION OF OUTLET AND LENGTH
 OF PIPELINE TO BE DETERMINED ON
 SITE TO OBTAIN A FREE FLOWING
 OUTLET AT NOMINATED PIPE GRADE

INSET

200x200 FIELD INLET (TYP)
 WEBFORGE GRP WITH MPG44B
 GRATE OR APPROVED EQUIVALENT.
 CONNECT TO EXISTING FIELD INLET
 WITH 100mm Ø UPVC PIPE

600x600 FIELD INLET (TYP)
 WEBFORGE GRP WITH MPG44B
 GRATE OR APPROVED EQUIVALENT.
 F.S.L. 10.00

BREAK INTO EXISTING FIELD INLET
 AND CONNECT IN NEW 100mm Ø UPVC
 PIPE FROM NEW FIELD INLET

PROVIDE 150mm STUBS TO FIELD
 INLET FOR CONNECTION OF BUILDING
 HYDRAULICS AND SUB SOIL DRAIN
 INVERT LEVEL 9.00

PROPOSED MDR / ADMIN LIBRARY

APPROX FFL 10.60

FIRST FLUSH DEVICE TO DOWNPIPES
 AS PER MANUFACTURER'S DETAILS
 AND A.S.3500. REFER TO HYDRAULIC
 ENGINEER'S DETAIL FOR LOCATION

RUBBLE SWALE DRAIN TO GRADE
 AT 0.50% TO FIELD INLET

DIRECT ROOFWATER TO PROPOSED
 10,000L RAINWATER TANK.
 PROVIDE ON SITE DETENTION WITHIN
 TANK. REFER DETAIL B.

DIRECT RAINWATER TANK
 OVERFLOW TO FIELD INLET
 REFER TO HYDRAULIC
 ENGINEER'S DETAILS

BUILDING HYDRAULICS
 TO AS3500.
 REFER HYDRAULIC ENGINEER'S
 DRAWINGS.

CONNECT SEWER TO EXISTING
 INTERNAL SEPTIC SYSTEM.
 REFER HYDRAULIC ENGINEER'S
 DRAWINGS.

RUBBLE SWALE DRAIN TO GRADE
 AT 0.50% TO FIELD INLET

DIRECT RAINWATER TANK
 OVERFLOW TO FIELD INLET
 REFER TO HYDRAULIC
 ENGINEER'S DETAILS

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RUBBLE SWALE DRAIN TO GRADE
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DIRECT RAINWATER TANK
 OVERFLOW TO FIELD INLET
 REFER TO HYDRAULIC
 ENGINEER'S DETAILS

BUILDING HYDRAULICS
 TO AS3500.
 REFER HYDRAULIC ENGINEER'S
 DRAWINGS.

MINOR EARTHWORKS GRADING
 AFTER REMOVAL ON GARDEN
 BED TO PROVIDE FREE DRAINING
 OUTLET TO WALKWAY

DIRECT RAINWATER TANK
 OVERFLOW TO FIELD INLET
 REFER TO HYDRAULIC
 ENGINEER'S DETAILS

RUBBLE SWALE DRAIN TO GRADE
 AT 0.50% TO FIELD INLET

DIRECT RAINWATER TANK
 OVERFLOW TO FIELD INLET
 REFER TO HYDRAULIC
 ENGINEER'S DETAILS

RUBBLE SWALE DRAIN TO GRADE
 AT 0.50% TO FIELD INLET

DIRECT RAINWATER TANK
 OVERFLOW TO FIELD INLET
 REFER TO HYDRAULIC
 ENGINEER'S DETAILS

CONNECT SEWER TO EXISTING
 INTERNAL SEPTIC SYSTEM.
 REFER HYDRAULIC ENGINEER'S
 DRAWINGS.

ALLOW TO RECONSTRUCT CULVERT
 WITH 150x250 RCBC TO SUIT EXISTING TERRAIN.
 RECTIFY WITH MINOR GRADING IF POSSIBLE TO
 AVOID USE OF CULVERT.

CAST IN CONCRETE EDGE RESTRAINT ER1
 TO EDGE OF EXISTING PATHWAY TO
 PROVIDE SUITABLE GRADING TO CAR
 PARK. REFER TO DETAIL C

EXTEND EXISTING 100mm Ø CULVERT
 TO 1m PAST PROPOSED EDGE OF
 CARPARKING BAY

DISABLED CARSPACE TO AS1428 & AS1742.
 REINFORCED CONCRETE SLAB
 TO STRUCTURAL ENGINEER'S REQUIREMENTS.

SAWCUT BITUMEN AND
 MARRY NEATLY

LEGEND

- PROPOSED SPOT LEVEL
- EXISTING CONTOUR
- PROPOSED BUILDING HYDRAULICS
- EXISTING SPOT LEVEL
- PROPOSED CONCRETE PATH
- RUBBLE SWALE DRAIN
- AG. PIPE (DIRECTION OF FLOW)
- EXISTING SEALED DRIVEWAY / HARDSTAND

CONSTRUCTION NOTES

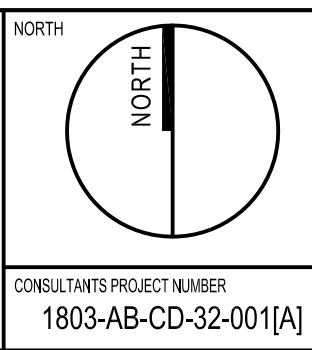
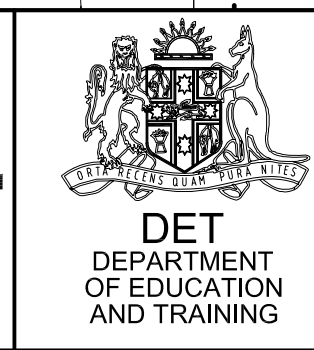
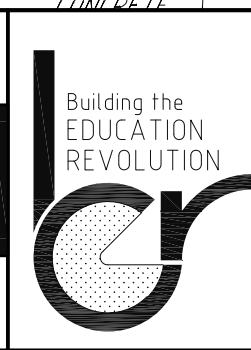
1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANT'S DRAWINGS AND SPECIFICATIONS AND WITH OTHER SUCH WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ALL DISCREPANCIES SHALL BE REFERRED TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
2. NO RESPONSIBILITY WILL BE TAKEN FOR DIMENSIONS OBTAINED BY SCALING THESE DRAWINGS.
3. ALL DIMENSIONS SHALL BE VERIFIED ON SITE BY THE CONTRACTOR WHO SHALL BE RESPONSIBLE FOR THEIR CORRECTNESS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE STRUCTURE AND NEIGHBOURING STRUCTURES IN A SAFE AND STABLE CONDITION DURING CONSTRUCTION. NO PART SHALL BE OVER STRESSED.
5. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT S.A.A. CODES AND THE BY-LAWS AND ORDINANCES OF THE RELEVANT GOVERNMENT AUTHORITY.
6. THE CONTRACTOR SHALL PROVIDE TRAFFIC MANAGEMENT FOR THE DURATION OF CONSTRUCTION IN ACCORDANCE WITH "THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES".
7. THE CONTRACTOR IS TO LOCATE, LEVEL, IDENTIFY AND ESTABLISH THE CONNECTIVITY OF ALL EXISTING SERVICES WITHIN THE LIMITS OF THE WORKS AND CONFIRM THIS INFORMATION WITH THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
8. PROPERTY BOUNDARIES ARE SUBJECT TO CONFIRMATION BY FIELD SURVEY CARRIED OUT BY A REGISTERED SURVEYOR.
9. ALL WORK SHALL BE JOINED NEATLY TO EXISTING FEATURES.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MEASURING DEVICES, SAFETY EQUIPMENT AND MACHINERY REQUIRED TO CARRY OUT INSPECTIONS AS SPECIFIED OR REQUESTED.
11. THE CONTRACTOR SHALL RESTORE ALL EXTERNAL AREAS TO THE SITE, TO THEIR ORIGINAL CONDITION UPON COMPLETION OF THE WORKS.

NO.	DATE	AMENDMENT	BY
A1	28.10.10	AS-BUILT ISSUE	JMM

AS - BUILT

CONSULTANTS DISCIPLINE

CONTRACT MANAGER



BUILDING EDUCATION REVOLUTION
 DURRUMBUL PUBLIC SCHOOL,
 DURRUMBUL ROAD, MAIN ARM

PROPOSED MDR / ADMIN LIBRARY
 CIVIL WORKS PLAN

0 1 2 3 4 5		1: 100	
SCALES (A1 Original)	DRAFTED	DATE	
1: 100	J.M.M.	10/10	
DRAWING NUMBER	DISCIPLINE CODE	BUILDING NUMBER	SERIES NUMBER
1803	AB-CD	32	001
REVISION			A