

GENERAL NOTES:
1. Aerial photo information taken from Far North Maps.
2. Contour information taken from NRC LiDAR data.



JET OUT
CULVERT

NEW 675mm x 450mm CATCHPIT IN
ACCORDANCE WITH "SINGLE
CATCHPIT" DETAIL ON SHEET 34 OF
WDC ENGINEERING STANDARDS.

ARMOUR OPEN CHANNEL WITH DN150 ROCK SPALLS (HALF OF
ROCK SPALLS WITH DIAMETER GREATER THAN 150mm AND
HALF WITH DIAMETER LESS THAN 150mm). CHANNEL TO HAVE
BASE WIDTH OF 0.5m AND DEPTH OF 0.5m AFTER ARMOURING.
SIDE SLOPES TO BE MAXIMUM OF 1:1. NO EXCAVATION TO
OCCUR WITHIN SHOULDER OF ROAD.

PIPE TO DISCHARGE TO OUTLET STRUCTURE
WITH BAFFLES IN ACCORDANCE WITH SHEET 35
OF WDC ENGINEERING STANDARDS FOR
CULVERT SIZE OF 375mm.

NEW 1050mm MANHOLE WITH
CLASS D COVER IN ACCORDANCE
WITH SHEET 39 AND 40 OF WDC
ENGINEERING STANDARDS.
CONNECTION TO BE IN
ACCORDANCE WITH SHEET 33 OF
WDC ENGINEERING STANDARDS.

EXISTING 375 DIAMETER PIPE TO
CONNECT INTO NEW MANHOLE


CONSTRUCTION NOTES:

- Existing services to be located and protected by contractor.
- Drill mud and slurry to be contained to prevent the possibility of runoff into watercourses.
- All surplus and waste material to be removed from site.
- All disturbed ground to be reinstated to match existing.
- Sawcut chipseal at least 150 mm back from pavement excavation.
- Back fill material greater than 300 mm below pavement level to be GAP40 or AP40 material compacted in layers and with Clegg readings not less than 30. Backfill material less than 300mm below pavement level to be compacted in layers and be compacted to a Clegg reading not less than 47 prior to sealing. Backfill material beneath carriageway may also be "flowable fill" (low strength fly-ash concrete).
- Chipseal reinstatement shall be 2 coat grade 3 and 5 seal to match existing pavement.
- Method statements to be provided by contractor for the following:
 - Sediment control
 - Safe working around manhole connection
 - Installation of PE pipe
- Pipeline to be surveyed by CCTV.

EXISTING 300mm
STORMWATER PIPE AS
IDENTIFIED ON PUBLICLY
AVAILABLE INFORMATION
FROM FNDC. LOCATION
TO BE CONFIRMED
ON-SITE.

SDR13.6 PE100 DN450 PLAIN
BLACK PE PIPE INSTALLED BY
DIRECTIONAL DRILLING
TECHNIQUE. 1.2m COVER
BENEATH CARRIAGEWAY.
MINIMUM GRADIENT OF 1%.

| Rev | Date | Description | By | Checked |
|-----|------------|------------------|----|---------|
| A | 24/11/2022 | FOR COMMENT | JT | RH |
| B | 05/12/22 | FOR CONSTRUCTION | RH | TA |
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| DWG | | SITE PLAN | |
| A3 SCALE 1:500 | |  | Date 24/11/2022 |
| Drawn JT | | Checked RH | Approved TA |
| File | C:\USERS\IRORYHOWELL\HAIGH WORKMAN LIMITED\SUITEFILES - CLIENTS\FNDC\JOBS\22 372 - 323 SH10, CABLE BAY (LOT 2 DP 85116)\ENGINEERING\DRAWINGS\22_372_CIVIL_DESIGN.DWG | | |

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| Project | PROPOSED STORMWATER PIPELINE 323-333 STATE HIGHWAY 10 CABLE BAY | | Stage |
| Client | FAR NORTH DISTRICT COUNCIL | | Dwg No. P1 |
| Project No. 22 372 | RC no. | Sheet No. 1 of 1 | |