



NOTES

1. THE PROPOSED DRAINAGE DROP INLETS SHALL BE A MAXIMUM DEPTH INVERT OF 0.686M. THE CONTRACTOR SHALL WRAP EXISTING 200mm AND 400mm FORCE SEWER PIPE RIGHT OF LINE -L- WITH CLASS B CONCRETE WHICH HAVE A MINIMUM CLEARANCE WITH THE PROPOSED DRAINAGE (SEE DETAILS). IN CASES WHERE THERE ARE DIRECT CONFLICTS WITH THE PROPOSED DRAINAGE, THE CONTRACTOR SHALL LOWER OR RELOCATE THE EXISTING 200mm AND 400mm FORCE SEWER (SEE DETAILS). THE NECESSARY QUANTITIES HAVE BEEN ADDED TO THE CONTRACT TO FACILITATE THESE PROCEDURES.

DETAIL D
 SPECIAL CUT DITCH
 (Not to Scale)

Natural Ground 3:1
 D
 3:1
 Front Ditch Slope

Min. D = 0.3 m

STA 10+20 TO STA 10+68 -Y14- LT

RELOCATE EXIST. FIRE HYDRANT USING
 I- 250mm x 150mm D.J. TEE AND 7M OF 150mm
 D.J. WATER PIPE, 2.4MPa WP AND I- 150mm
 GATE VALVE AND VALVE BOX, 1.38MPa WP

RECONNECT 2- EXIST. WATER METERS
 USING 2- 100mm x 20mm TAPPING SADDLES
 2- 20mm CORPORATION STOPS WITH 2.5M
 OF 20mm P.E. WATER TUBING, SDR 9, 1.38MPa WP

TIE TO EXIST. SEWER PIPE USING
 I- 75mm I 1/4" D.J. BEND AND
 NECESSARY FITTINGS

PROP. I- 75mm I 1/4" D.J. BEND

PROP. 96M OF 75mm PVC FORCE
 SEWER PIPE, SDR 21, 1.38MPa WP

PROP. I- 150mm x 50mm D.J. TEE

PROP. 2- 100mm 45° D.J. BENDS

PROP. I- 100mm GATE VALVE
 AND VALVE BOX, 1.38MPa WP

PROP. I- 250mm x 100mm D.J. TEE

PROP. I- 250mm GATE VALVE
 AND VALVE BOX, 1.38MPa WP

PROP. 360M OF 150mm PVC FORCE
 SEWER PIPE, SDR 21, 1.38MPa WP

PROP. 2- 150mm 22 1/2" D.J. BENDS

PROP. I- 50mm SEWER AIR
 RELEASE VALVE AND MANHOLE

RELOCATE 2- EXIST. WATER METERS
 USING 2- 250mm x 20mm TAPPING SADDLES
 2- 20mm CORPORATION STOPS WITH 12M OF
 20mm P.E. WATER TUBING, SDR 9, 1.38MPa WP

PROP. 360M OF 250mm PVC WATER
 PIPE, SDR 21, 1.38MPa WP

SEE NOTE FOR ALL
 PROP. DRAINAGE
 CROSSINGS

FILL BEHIND CHANNELIZATION
 TO A MINIMUM ELEV. OF:
 STA 214+82 = 3.015
 STA 214+92 = 3.045

PROP. I- 150mm x 75mm D.J. TEE

RECONNECT 6- EXIST. WATER METERS
 USING 6- 250mm x 20mm TAPPING SADDLES
 6- 20mm CORPORATION STOPS WITH 159M
 OF 20mm P.E. WATER TUBING, SDR 9, 1.38MPa WP

RECONNECT 4- EXIST. WATER METERS
 USING 4- 250mm x 20mm TAPPING SADDLES
 4- 20mm CORPORATION STOPS WITH 12M
 OF 20mm P.E. WATER TUBING, SDR 9, 1.38MPa WP

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