VARIABLE (2400 Min.)

STORTZ CONNECTION

50 TO 150 FINISHED GRADE

FINISHED GRADE

ATTACH TRACING WIRE TO FLANGE BOLT

BY APPROVED MECHANICAL C-CLAMP

CONNECTION OR APPROVED EQUIVALENT

TAPE ONLY 'B' SIDE OF TRACER LOOP

COPPER TRACER WIRE

GRAN, "A" OR APPROVED NATIVE

MATERIAL FILL, COMPACTED TO 95%

SPD ON UNDISTURBED SOIL

CADWELD TRACING WIRE TO TOP OF

BOOT BY APPROVED METHODS

W1N OF 4 CUBIC METER OF 19mm

CLEAR STONE, SURROUNDED WITH

FILTER CLOTH

MIN 2000

CADWELD TRACING WIRE TO V&B

ATTACH TRACING WIRE TO WM TRACING WIRE

PLAN VIEW OF HYDRANT BRANCH

(SEE NOTES 11&12 BELOW)

MANUFACTURED ITEMS LIST

1. REGULAR 150mm DIA. BARREL USE EXTENSION IF

REOUIRED.

2. MINIMUM DIA. PIPE FOR HYDRANT LEADS TO BE

150mm DIA.

3. MINIMUM SIZE M.J. GATE VALVE TO BE

150mm DIA.

4. VALVE BOX

5. USE ANCHOR TEE UP TO AND INCLUDING

450mm DIA.

6. FOR TEES LARGER THAN 450mm DIA. USE

MECHANICAL RESTRAINTS.

NOTES:

1. HYDRANT TO BE SET PLUMB WITH STEM EXTENSIONS TO SUIT DEPTH OF BRANCH. BRANCH TO BE SET LEVEL

EXTENSIONS TO BE INSTALLED BETWEEN UPPER AND LOWER BARREL SECTION. ONLY ONE EXTENSION (MAX.

1.0m LONG) PER HYDRANT. IF MORE HEIGHT IS REQUIRED, THEN A LONGER BARREL SHALL BE USED.

2. ALL BLOCKING TO BE AGAINST UNDISTURBED TRENCH WALL.

3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.

4. BOND BREAKER TO BE USED BETWEEN CONCRETE AND FITTINGS.

5. CORROSION PROTECTION SHALL BE APPLIED AS PER STANDARD SPECIFICATIONS FOR WATERMAIN

CONSTRUCTION.

6. NO BENDS ON HYDRANT LEADS UNLESS APPROVED.

7. ALL JOINTS TO BE FULLY RESTRAINED FROM HYDRANT BOOT TO TEE (THEADED RODS SHALL NOT BE USED).

8. PLUG DRAIN HOLE IN HIGH WATER TAPER.

9. HYDRANTS SHALL BE CLEAR OF OBSTRUCTIONS FOR A DISTANCE OF 0.6m REAR, 2.0m ON SIDES AND CLEAR

TO CURB IN FRONT.

10. TRACER WIRE NOT REQUIRED FOR METALLIC WATERMAIN.

11. 'A' SIDE OF TRACER WIRE LOOP TO BE

CADWELDED TO:

a) ANCHOR TEE

b) HYDRANT VALVE

c) HYDRANT BARREL

12. 'B' SIDE OF TRACER WIRE LOOP TO BE

TAPE ONLY TO:

a) HYDRANT BARREL

b) HYDRANT LEAD

c) WATERMAIN