DEEP BENCHMARK IN MANHOLE AT WINONA HIGH SCHOOL, ALONG LEWIS ROAD
AT BARTON STREET, IN FRONT LAWN 28.3m WEST OF CENTRE LINE OF LEWIS ROAD, 15.5m NORTH OF EAST CORNER OF SCHOOL, 12.2m SOUTHWEST OF CENTRE LINE OF PARKING LOT ENTRANCE, 12.8m SOUTHEAST OF FLAG POLE.
ELEVATION 1978 ADJUSTMENT 88.001m (288.717 FT.)

LEGEND
- LIPIF OF STUDY AREA
- PROPOSED 300mm PVC. WATERMAIN
- PROPOSED 200mm PVC. WATERMAIN
- EXISTING WATERMAIN

WM-1
PRELIMINARY WATER SERVICING PLAN - WEST
SECTION A3-A3

SCALE H OR. 1:500          VER. 1:50

SECTION A5-A5

SCALE H OR. 1:500          VER. 1:50

1:500

MIN. 500mm THICK CLAY LINER TO BE COMPACTED TO MIN. 95% S.P.M.D.D. THE CLAY LINER MUST BE SUPERVISED FULL TIME BY GEOTECHNICAL ENGINEER DURING CONSTRUCTION.

DEEP BENCH MARK IN MANHOLE AT WINONA HIGH SCHOOL, ALONG LEWIS ROAD AT BARTON STREET, IN FRONT LAWN 28.3m WEST OF CENTRE LINE OF LEWIS ROAD, 15.5m NORTH OF EAST CORNER OF SCHOOL, 12.2m SOUTHWEST OF CENTRE LINE OF PARKING LOT ENTRANCE, 12.8m SOUTHEAST OF FLAG POLE.

ELEVATION 1978 ADJUSTMENT 88.001m (288.717 FT.)

12-062W AUG. 2018 1:500 SWM-4
From STA 0+420.0m to STA 0+840.0m

**Centerline**
- **PROPOSED/EXISTING**
- **FROM STA. 0+420.0m TO STA. 0+840.0m**
- **STM. @ 0.30%**
- **STM. @ 0.50%**
- **SAN. @ 0.50%**
- **SAN. @ 0.30%±**
- **SEWER**
- **INVERT**
- **EX 116.45m-375mm**
- **120.00m-1800mm**
- **EX 108.48m-375mm**
- **120.00m-450mm**

**LEGEND**
- **LIMIT OF STUDY AREA**
- **PROPOSED PUBLIC STORM SEWER**
- **PROPOSED SANITARY SEWER**
- **EX. HYD.**
- **EX. BELL**
- **CULVERT**
- **WATERMAIN**
- **EX PUBLIC STORM SEWER**
- **EX SANITARY SEWER**

**SANITARY**
- Ø 120.00m-450mm

**STORM**
- Ø 120.00m-1800mm

**SITE**
- HIGHWAY 8
- COLLECTOR ROAD 'E'
- STREET 'F'
- STREET 'Q'
- STREET 'R'
- STREET 'L'
- STREET 'C'
- STREET 'B'
- STREET 'H'

**GEOGRAPHIC**
- ex. HYD.
- ex. v.&c.
- ex. Bell
- ex. smh007a
- ex. v.&c.
- MH1A-W
- MH2A-W
- MH25-W
- MH30-W
- MH3A-W
- MH4A-W

**REFERENCE**
- Refer to DWG. No. PP-1
- Refer to DWG. No. PP-2
- Refer to DWG. No. PP-3

**NOTES**
- **PLOT DATE: February-27-20 6:29:26 PM**
- **0+880 0+860 0+840 0+820 0+780 0+760 0+740 0+720 0+700 0+680 0+660 0+640 0+620 0+600 0+580 0+560 0+540 0+520 0+500 0+480 0+460 0+440**
MINIMUM DEPTH OF COVER

SANITARY SEWER - 2.75m
STORM SEWER - 2.75m
WATERMAIN - 1.60m
HYDRO - 0.90m
CABLE - 0.90m
BELL - 0.90m
GAS - 0.60m

City of Hamilton
Public Works Department

EXISTING LEWIS ROAD - 20.0m R.O.W.

EXISTING McNEILLY ROAD - 20.0m R.O.W.

LEWIS ROAD - 26.0m R.O.W.

McNEILLY ROAD - 26.0m R.O.W.

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