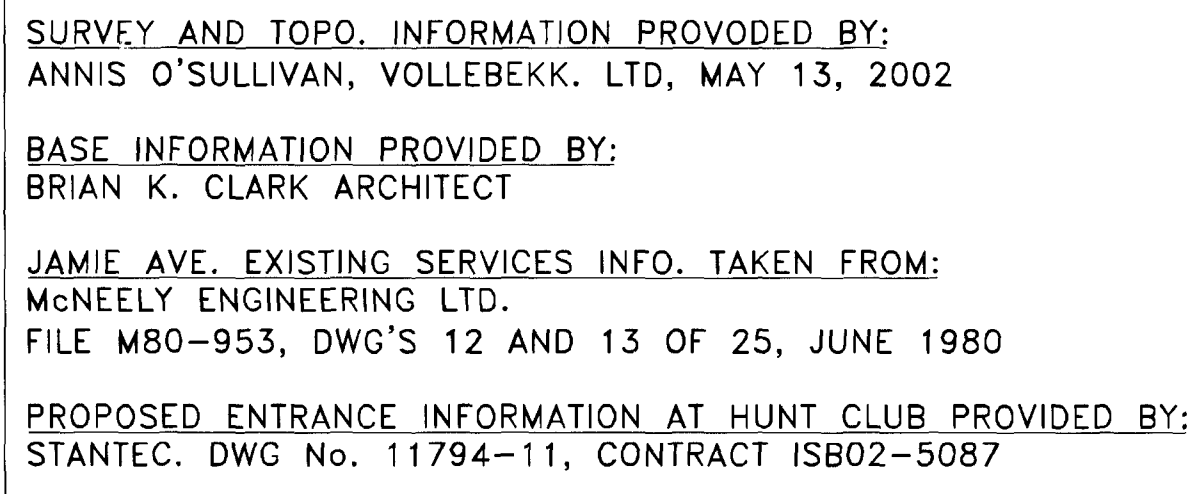




Pipe Number	Description
ST1	35.0m-375mm ϕ PVC SDR 35 STORM SEWER ● Gr. 0.5% (OUTLET PIPE) (INVERT AT JAMIE AVENUE 85.90z)
ST2	72.5-600mm ϕ HDPE BOSS 1000 STORM SEWER ● Gr. 0.3%. (INCLUDES STORAGE)
ST3	59.0m-200mm ϕ PVC SDR 35 STORM SEWER ● Gr. 0.5% (min.)
ST4	14.5m-150mm ϕ PVC SDR 35 STORM SEWER ● Gr. 1.0% (min.)
ST5	46.0m-300mm ϕ PVC SDR 35 STORM SEWER ● Gr. 0.5% (min.)
ST6	17.5m-150mm ϕ PVC SDR 35 STORM SEWER ● Gr. 1.0% (min.)
ST7	4.0m-150mm ϕ PVC SDR 35 STORM SEWER ● Gr. 1.0% (min.)
SA1	13.5m-200mm ϕ PVC SDR 35 SANITARY SEWER ● Gr. 0.8% (min.) (INVERT AT BUILDING 87.15z)
SA2	58.5m-200mm ϕ PVC SDR 35 SANITARY SEWER ● Gr. 0.8% (min.) (INVERT AT JAMIE AVENUE 85.83z)
W1	150mm ϕ WSM 2.2 PVC PRESSURE CLASS 150, DR18 WATER SERVICE AT 2.4m DEPTH (min.) AS PER CITY OF OTTAWA RELATED SPECIFICATIONS AND DETAILS.
W2	11.3m-100mm ϕ WSM 2.2 PVC PRESSURE CLASS 150, DR18 WATER SERVICE AT 2.4m DEPTH (min.) AS PER CITY OF OTTAWA RELATED SPECIFICATIONS AND DETAILS.

Conforms to
City of Ottawa Standards
Conforme aux standards
de la Ville d'Ottawa

WATER DRAWING # 11952

GARY BURKHOTI
City of Ottawa

Date: Nov 16, 2002

Ottawa



- 1) Construction shall be in accordance with City standards and specifications and Ontario Provincial Standards drawings and specifications where applicable. Ontario Provincial Standards shall apply where no City standards are available. All drawings to be checked for confirmation with applicable building codes. No alteration of grading of site is to occur prior to approval by City.
- 2) The contractor is responsible for all removals necessary to satisfy engineering and landscape works. Contractor to obtain permit for connecting to sewer and connection to watermain. Contractor to visit site prior to tendering and confirm site conditions. Contractor is responsible for obtaining all permits required and bear cost of some.
- 3) Location of services are not all shown, contractor is responsible for all locations. Location of utilities and underground works that are shown are approximate. Contractor to verify location and elevation of all services, utilities and underground structures prior to any construction. The contractor is responsible for protection and reinstatement.
- 4) Location and elevation of services within Jamie Avenue are approximate. Contractor shall locate services by careful test pit excavation and shall advise consultant in writing of actual locations and elevations.
- 5) The contractor shall construct water service, connection hydrant, and appurtenances as per the City specifications and shall coordinate and pay all related costs including the cost of connection, inspection, disinfection and water meter supply and installation by City personnel. Service connection shall be installed a minimum 2400mm from any catch basin, manhole or object that may contribute to freezing. Thermal insulation shall only be installed where shown on the drawing or otherwise approved by the City as per City specifications W21, W22, and W23. (Water Meter and appurtenances as per W30, 31 and 32)
- 6) The contractor shall construct culvert and storm and sanitary sewers in accordance with OPSPD 802.010, 802.013 and 802.014. During construction, protect pipes from heavy construction equipment as per OPSPD 808.01. Storm and sanitary sewer service connections shall be in accordance with OPSPD 708.01, 708.020, 708.03, 1006.010 and 1006.020. Bedding and backfill shall be compacted to a min. of 95% SPMDD. Contractor shall refer to the Geotechnical report for any further recommendations. Proposed sewer trenches to be excavated to reach undisturbed soil and replaced with bedding material.
- 7) The contractor shall implement Best Management Practices to provide for protection of the receiving storm sewers during construction activities. These practice are required to ensure no sediment and/or associated pollutants are released to the receiving watercourse. These practices include installation of sediment barriers on all catch basins and maintenance holes.
- 8) All disturbed areas to be reinstated to equal or better condition. Pavement reinstatement for utility cuts shall be in accordance with OPSPD 509.010. All new work shall blend neatly into existing (to be approved by consultant).
- 9) All dimensions are in metres unless otherwise stated. Drawings should not be scaled by the contractor. Any missing or questionable dimensions are to be confirmed with the consultant in writing.
- 10) Site works contractor is responsible for all works, utility and service connections to the building. Connections to be coordinated with building contractor.
- 11) Pavement markings and specification as per Site & Landscape Plans (reference plan for grade locations and site dimensions).
- 12) Stripping and subgrade preparation shall be performed with an excavator equipped with a smooth mouthed bucket to minimize disturbance. Exposed subgrade soil shall be graded to allow effective drainage during construction. Refer to the Geotechnical report for additional information.
- 13) The contractor should ensure that these drawings are supplemented for architectural, and structural heating/air conditioning, and electrical, requirements to suit municipal, and provincial requirements.
- 14) Curbing as per OPSPD 600.110 top elevations at 150mm above asphalt grade unless otherwise noted. Concrete sidewalk as per OPSPD 310.020. Grade landscape areas from top of curb (TOC) to drain at slope of 3:1 or flatter.
- 15) Side slope of excavations should be sloped in accordance with the requirements of Ont. Reg. 213/91 under the Occupational Health and Safety Act. Refer to geotechnical report for construction details.
- 16) Refer to landscape and architectural plans for finishes and fencing.
- 17) Contractor to conduct leakage testing of sanitary sewer in accordance with OPSS 410.07.15, and 410.07.15.04. Please advise site works consultant prior to testing.

CLIENT BRIAN K. CLARK ARCHITECT		 SIMMERING & ASSOCIATES LTD CONSULTING ENGINEERS			
PROJECT AUTO DEALERSHIP 400 WEST HUNT CLUB					
DRAWING TITLE SITE SERVICING PLAN		SCALE: 1:300	DATE: 05/07/02	CAD FILE NO. SS1HA1414.DWG	
		DESIGN: D.V.K.	CHECKED: S.G.S.		
		DRAWN: M.L.F.	PLOT: 1 = 1	DWG. 02-1414-SS1	
				REV. 5	