





<u>LEGEND</u> DIRECTION OF FLOW ---- PROPERTY LINE EXISTING UTILITY POLE C/W GUY WIRES $\Theta \rightarrow$ PROPOSED CURB EXISTING WATERMAIN C/W VALVE & VALVE V&VC CHAMBER DC _____ PROPOSED DEPRESSED CURB - EXISTING HYDRANT C/W VALVE & LEAD PROPOSED TWISI 離離離 SAN MH EXISTING SANITARY MANHOLE & SEWER PROPOSED RETAINING WALL C/W GUARD RAIL ST<u>M MH</u> ____ EXISTING STORM MANHOLE & SEWER PROPOSED CAP CB 1 . PROPOSED SANITARY SERVICE c/w MANHOLE EXISTING CATCHBASIN EXISTING BUILDING SERVICES PROPOSED CATCHBASIN MANHOLE (OPEN) \square PROPOSED CATCHBASIN ____ G ____ G ____ EXISTING GAS MAIN PROPOSED AREA DRAIN — H — H — EXISTING HYDRO LINE PROPOSED TRENCH DRAIN _____ JUT _____ EXISTING JOINT UTILITY TRENCH ICD PROPOSED INLET CONTROL DEVICE PROPOSED PIPE CROSSING -Q-EXISTING STREETLIGHT (REFER TO 122180-ND FOR DETAILS) EXISTING ROAD SIGNAGE PROPOSED SIAMESE CONNECTION \prec ____ EXISTING PONDING LIMITS PROPOSED WATER SERVICE ____ EXISTING NOISE WALL PROPOSED HYDRANT c/w LEAD & VALVE $\frown - \Theta -$ -D-----D------ EXISTING PRIVACY FENCE V&VB ⊗ PROPOSED VALVE AND VALVE BOX PROPOSED WATER METER (\mathbf{G}) EXISTING TREE M PROPOSED REMOTE WATER METER TREE TO BE PLANTED AS PART OF \odot CAIVAN SUBDIVISION PROPOSED BUILDING ENTRANCE • _____ BOS_____ EXISTING DITCH/ BOTTOM OF SLOPE PROPOSED FIREWALL PROPOSED GARBAGE COLLECTION BINS Ι PROPOSED BIKE RACKS PROPOSED CROSSWALK PAINTING PROPOSED LINE PAINTING NOTE: ALL SERVICE CONNECTIONS AND CATCHBASIN CONNECTIONS TO BE MADE PER CITY OF OTTAWA DETAIL S11 AND S11 2 BACKWATER VALVES TO BE PROVIDED ON ALL STORM AND SANITARY LATERALS AS PER CITY OF OTTAWA DETAILS S14, S14.1, AND S14.2. DOWNSTREAM OF ANY GRAVITY OUTLET FROM THE BUILDING. REFER TO MECHANICAL PLANS FOR DETAIL ALL FLOWS FROM THE UNDERGROUND PARKING GARAGE ARE TO BE CONVEYED TO THE SANITARY SERVICE.SANITARY FLOWS ARE TO BE PUMPED TO THE PROPOSED SANITARY SERVICE (TYP) PROPOSED SERVICES TO BE SLEEVED THROUGH FOUNDATION WALL. FOUNDATION DRAINS TO BE PUMPED TO STORM SERVICE. REFER TO MECHANICAL DRAWINGS FOR FURTHER DETAILS ON INTERNAL PLUMBING (TYP). PROPOSED AREA DRAINS, AND TRENCHDRAINS ARE TO BE CONVEYED TO THE PROPOSED CISTERN VIA THE INTERNAL PLUMBING, REFER TO THE MECHANICAL DRAWINGS FOR DETAILS CONTROLLED ROOF DRAINS ARE TO BE CONVEYED TO THE FREE FLOWING STORM SERVICE. ROAD STRUCTURE - 40mm HL-3 OR SUPERPAVE 12.5 ASPHALTIC CONCRETE 50mm HL-8 OR SUPERPAVE 19.0 ASPHALTIC CONCRETE STORMWATER STORAGE TANK VENTED BY TANK ACCESS LID. LID IS PER CITY OF OTTAWA DETAIL S28.1, FRAME PER CITY DETAIL S25. T/G=80.67 (ACCESS TO BE COMPLETE OPSS GRANULAR A - CRUSHED STONE (300mm MIN) WITH ALUMINUM LADDER PER OPSD 406.010) CURB -INSULATION AND DRAINAGE MEMBRANE (101.6mm & LANDSCAPING 31.8mm RESPECTIVELY) REFER TO ARCHITECTURE PLANS FOR DETAILS 300mm THICK PODIUM SLAB TOP OF SLAB+/- 79.95 BOTTOM OF SLAB = 79.65 <u>100-Y</u>EAR WATER <u>ELEVATION</u> = 79.37m STORMWATER STORAGE TANK (DESIGNED BY STRUCTURAL ENGINEER) MAX VOLUME = 98.59m³ REQUIRED VOLUME = 78.81m³ 150mm EMERGENCY OVERFLOW PIPE INV = 79.65 5-YEAR WATER ELEVATION = 78.68m 2-YEAR WATER ELEVATION = 78.47m 250mmØ PVC STM @ 1.0% BOTTOM OF TANK = 78.02m PARKING LEVEL 1 = 77.00m TEMPEST LMF 105 INLET CONTROL DEVICE 600mmX600mmX600mm SUMP CISTERN SCALE1:50 REFER TO 122180-ND FOR ADDITIONAL NOTES & DETAILS LOCATION CITY OF OTTAWA **NOV/VIECH** 3080 NAVAN ROAD (RHYTHM APARTMENTS) ECT No. DRAWING NAME igineers, Planners & Landscape Architects GENERAL SERVICING PLAN 122180 Suite 200, 240 Michael Cowpland Drive Ottawa, Ontario, Canada K2M 1P6 (613) 254-9643 Telephone REV # 2 (613) 254-5867 Facsimile Website www.novatech-eng.com NG No

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