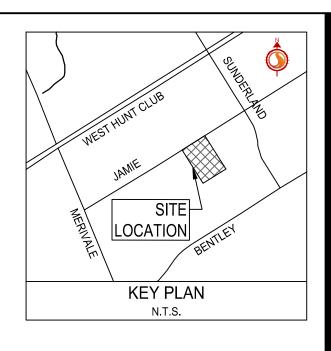


ORIGINAL SHEET - ARCH D

	SEWER AND WATERMAIN CROSSING TABLE						
CROSSING	STM INV	STM OBV	SAN INV	SAN OBV			
\triangle			84.18	84.33			
\triangle	86.28	86.48	84.09	84.24			
$\underline{\Lambda}$	86.34	86.54					
* BRACKETS DENOT		WITH CONCRETE P	PE THICKNESS				

WTR TOP	WTR BTM
85.83	85.53
85.84	85.54





PROPOSED ASPHALT STRUCTURE

HEAVY DUTY ASPHALT 40mm HL3 OR SUPERPAVE 12.5 ASPHALTIC CONCRETE 50mm HL8 OR SUPERPAVE 19.0 ASPHALTIC CONCRETE 150mm OPSS GRANULAR A BASE 400mm OPSS GRANULAR B TYPE I

LIGHT DUTY AREAS 50mm HL3 OR SUPERPAVE 12.5 ASPHALTIC CONCRETE 150 OPSS GRANULAR 'A' BASE 300 OPSS GRANULAR 'B' TYPE II



1 STOREY CONCRETE BLOCK & Metal Siding BUILDING



Stantec Consulting Ltd. 400 - 1331 Clyde Avenue Ottawa ON Tel. 613.722.4420 www.stantec.com

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^{77,77} × 99,99
× ^{99.99} _{98.88}
2.0%
FFE=100.00 USF=97.00
(E.F.)
3:1

PROPOSED WATERMAIN PROPOSED VALVE AND VALVE BOX PROPOSED VALVE CHAMBER PROPOSED REDUCER PROPOSED FIRE HYDRANT PROPOSED SANITARY SEWER PROPOSED STORM SEWER PROPOSED CATCHBASIN EX/FUT. WATERMAIN EXISTING/FUTURE VALVE AND VALVE BOX EXISTING/FUTURE VALVE CHAMBER EXISTING/FUTURE REDUCER EXISTING/FUTURE FIRE HYDRANT EXISTING/FUTURE SANITARY SEWER EXISTING/FUTURE STORM SEWER EXISTING/FUTURE CATCHBASIN MANHOLE EXISTING/FUTURE CATCHBASIN PROPOSED DEPRESSED CURB LOCATIONS PROPOSED BARRIER CURB THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 1.5m. THERMAL INSULATION ON WATERMAIN WHERE COVER IS LESS THAN 2.4m AS PER W22. WATER METER AND REMOTE WATER METER LOCATION EX. WATER METER AND REMOTE WATER METER LOCATION ORIGINAL GROUND ELEVATION PROPOSED ELEVATION PROPOSED LOT CORNER ELEVATION EXISTING ELEVATION AT LOT CORNER FLOW DIRECTION AND GRADE FINISHED FIRST FLOOR ELEVATION UNDERSIDE OF FOOTING ELEVATION

ENGINEERED FILL REQUIRED TERRACING 3:1 SLOPE MAXIMUM (UNLESS OTHERWISE SHOWN)

DIRECTION OF EXISTING OVERLAND FLOW

HEAVY DUTY ASPHALT.

Notes

- WATER SERVICING TO BE SUPPLIED FROM 40 JAMIE AVENUE. REFER TO MECHANICAL AND ARCHITECTURAL DRAWINGS FOR DETAILS.
- NEW BUILDING TO BE SPRINKLERED. DETAILS TO BE PROVIDED BY MECHANICAL ENGINEER.
- NEW BUILDING ADDITION TO INCLUDE OIL / GRIT SEPARATOR INSIDE BUILDING AS PART OF SANITARY PLUMBING PRIOR TO CONNECTING TO
- SANITARY SEWER SERVICE. FLOOR DRAINS IN SHOP AREA TO BE CONNECTED TO INTERNAL SANITARY PLUMBING.
- 5. ONLY ROOF AND FOOTING DRAINAGE (IF REQUIRED) TO BE CONNECTED TO
- STORM SEWER SERVICE. DEPTH OF EX. 300mmØ D.I. WATERMAIN IN JAMIE AVENUE TAKE FROM AS
- BUILT PLAN No. N-110 SHEET 2 OF 3 = 6.9ft OR 2.1m. CONTRACTOR TO NOTIFY ENGINEER OR CONTRACT ADMINISTRATOR OF ANY DISCREPANCIES NOTED ON PLAN PRIOR TO CONTINUING WITH CONSTRUCTION.
- EXISTING DRAINAGE PATTERNS ON SITE TO BE MAINTAINED.
- FOR ELECTRICAL, COMMUNICATIONS AND GAS SERVICING, REFER TO MECHANICAL DRAWINGS.
- BOUNDARY AND TOPOGRAPHIC INFORMATION WAS DERIVED FROM PLANS PREPARED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD. TOPOGRAPHICAL PLAN OF LOT 9 AND 10. REGISTERED PLAN 564563, CITY OF OTTAWA.

1 REVISED AS PER CITY COMMENTS		MJS	EB	23.03.03	
0 ISSUED TO CITY FOR SPA		MJS	KK	22.02.11	
Re	evision		Ву	Appd.	YY.MM.DD

Dwn. Chkd. Dsgn. YY.MM.DD

Permit-Seal

Client/Project

STAR MOTORS

STAR MOTORS BODY SHOP 36-40 JAMIE AVENUE INFILL ADDITION OTTAWA, ON, CANADA

Title SITE SERVICING AND GRADING PLAN

