## **NOTES: GENERAL** 1. CONTRACTOR IS RESPONSIBLE FOR ALL LAYOUT FOR CONSTRUCTION PURPOSES. 2. ALL ELEVATIONS ARE GEODETIC AND UTILIZE METRIC UNITS. 3. JOB BENCH MARK - CONFIRM WITH LRL PRIOR TO UTILIZATION. 4. ALL GROUND SURFACES SHALL BE EVENLY GRADED WITHOUT PONDING AREAS AND WITHOUT LOW POINTS EXCEPT WHERE APPROVED SWALE, CATCH BASIN OUTLETS AND/OR STORM DETENTION AREAS ARE PROVIDED. 5. STRIP AND REMOVE ALL TOPSOIL FROM IMPROVED AREAS. COORDINATE AND SCHEDULE ALL WORK WITH OTHER TRADES AND CONTRACTORS. ALL EDGES OF DISTURBED PAVEMENT SHALL BE SAW CUT TO FORM A CLEAN STRAIGHT LINE PRIOR TO PLACING NEW PAVEMENT. PAVEMENT REINSTATEMENT SHALL BE WITH STEP JOINTS OF 500mm WIDTH MINIMUM. 8. CURBS TO BE BARRIER, CONSTRUCTED AS PER OPSD 600.110. ALL MATERIAL SUPPLIED AND PLACED FOR PARKING LOT AND ACCESS ROAD CONSTRUCTION SHALL BE TO OPSS STANDARDS AND SPECIFICATIONS UNLESS OTHERWISE NOTED. CONSTRUCTION TO OPSS 206, 310 & 314. MATERIALS TO OPSS 1001, 1003 & 1010. 10. ABUTTING PROPERTY GRADE TO BE MATCHED. 11. OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS FROM THE MUNICIPAL AUTHORITIES PRIOR TO COMMENCING CONSTRUCTION. 12. MINIMIZE DISTURBANCE TO EXISTING VEGETATION DURING THE EXECUTION OF ALL WORKS. 13. FILTER FABRIC TO BE INSTALLED AND MAINTAINED BETWEEN THE FRAME AND COVER OF ALL CATCHBASINS, CATCHBASIN MANHOLES AND MANHOLES DURING THE CONSTRUCTION PERIOD TO MINIMIZE SEDIMENTS ENTERING THE STORM SEWER SYSTEM. ALL GRASSED AREAS MUST BE COMPLETED PRIOR TO THE REMOVAL OF THE FILTER FABRIC IN THE DRAINAGE 14. REMOVE FROM SITE ALL EXCESS EXCAVATED MATERIAL UNLESS OTHERWISE DIRECTED FROM THE ENGINEER. EXCAVATE AND REMOVE ALL ORGANIC MATERIAL AND DEBRIS, IF ANY, LOCATED WITHIN THE PROPOSED BUILDING, PARKING AND ROADWAY LOCATIONS. 15. THE APPROVAL OF THIS PLAN DOES NOT EXEMPT THE CONTRACTOR FROM THE REQUIREMENTS TO OBTAIN THE VARIOUS PERMITS/APPROVALS REQUIRED TO COMPLETE A CONSTRUCTION PROJECT, SUCH AS BUT NOT LIMITED TO; ROAD CUT PERMITS, SEWER PERMITS, WATER PERMIT, ETC. 16. AT PROPOSED UTILITY CONNECTION POINTS AND CROSSINGS (I.E. STORM SEWER, SANITARY SEWER, WATER, ETC.) THE CONTRACTOR SHALL DETERMINE THE PRECISE LOCATION AND DEPTH OF EXISTING UTILITIES AND REPORT ANY DISCREPANCIES OR CONFLICTS TO THE ENGINEER BEFORE COMMENCING WORK. 17. ALL SIDEWALK CONSTRUCTION TO BE AS PER OPSD 310.010 & OPSD 310.050.

NOTES: SEWERS		Existing Watermain Table				
1	. SEWER BEDDING AS PER PIPE TRENCH DETAIL WITH GRANULAR 'A' BEDDING COMPACTED TO 95% OF ITS SPMDD.	Location	Station	Min. Obv	Grade	Notes
2.	ALL WORK SHALL BE PERFORMED, AS APPLICABLE IN ACCORDANCE WITH OPSS 407, AND 410.	Connection to Existing Water Service	0+130.5	97.40	99.80	
		Connection to Proposed Building	0+151.5	EX	99.63	

CONTRACTOR TO CONFIRM ELEVATION OF EXISTING SEWERS AT PROPOSED CONNECTION

POINTS AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE COMMENCING ANY

PROPOSED WATER SERVICE TO BE INSULATED WHEN COVER IS LESS THAN 2.4m AS PER

4. ALL SEWERS WITH LESS THAN 2.0m OF COVER ARE SUBJECT TO INSULATION DETAIL.

. Elevations shown are geodetic and are referred to the CGVD28 geodetic datum.

has not been altered or disturbed and that it's relative elevation and description

3. Elevations derived from benchmark 019119680388 having an elevation of 92.16

. This drawing cannot be accepted as acknowledging all of the utilities and it will

be the responsibility of the user to contact the respective utility authorities for

mandatory before any work involving breaking ground, probing, excavating etc.

PROPOSED WATER 77.1m - 200mm Ø PVC DR-18 CLASS 150 WATER

SERVICE TO BE BURIED A MINIMUM OF 2.4m BELOW GRADE

3. A field location of underground plant by the pertinent utility authority is

Bearings are grid, and are referred to the Central Meridian of MTM

For Bearing Comparsions, (P1) and (P2) are Astronomic Plans.

Zone 9 ( 76°30' West Longitude ) NAD-83 (original).

2. It is the responsibility of the user of this information to verify that the job benchmark

NOTES: WATER SERVICE

DETAIL PROVIDED IN C901.

TOPOGRAPHIC INFORMATION

DATED APRIL 21st 2017, REVISED NOVEMBER 29th 2017

agrees with the information shown on this drawing.

Only visible surface utilities were located.

SITE AREA = 4.048 Hectares.

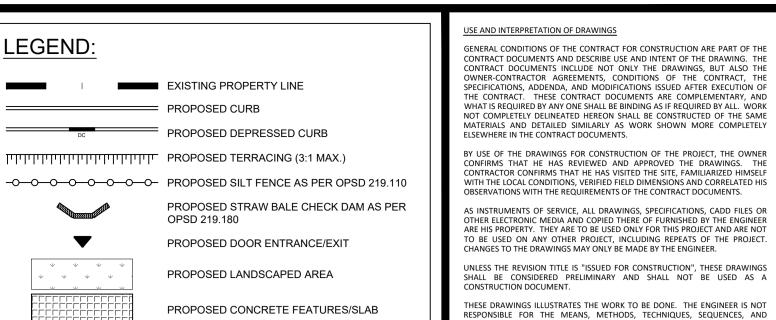
PROJECT NO. 19614-17 HINDU TEMPLE

**ELEVATION NOTES** 

UTILITY NOTES

confirmation.

TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN,



PROPOSED HEAY-DUTY ASPHALT

PROPOSED LIGHT-DUTY ASPHALT

PROPOSED HIGH POINT ELEVATION

PROPOSED BOTTOM OF CURB ELEVATION

PROPOSED OVERLAND MAJOR FLOW ROUTE

PROPOSED TOP OF CURB ELEVATION

MATCH INTO EXISTING ELEVATION

PROPOSED SWALE ELEVATION

PROPOSED RIP RAP

PROPOSED ELEVATION

**EXISTING ELEVATION** 

EXISTING MANHOLE

----- STM ------ PROPOSED STORM SEWER

----- WTR ------ PROPOSED WATERMAIN

---- WTR ---- EXISTING WATERMAIN

---- STM ---- STM --- EXISTING STORM SEWER

---- SAN ---- SAN --- EXISTING SANITARY SEWER

—— SAN ——— SAN ——— PROPOSED SANITARY SEWER

LEGEND:

×50.00

×50.00HP

×50.00SW

×50.00BC

×50.00TC

×50.00EX

RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES USED TO DO THE WORK, OR THE SAFETY ASPECTS OF CONSTRUCTION, AND NOTHING ON THESE DRAWINGS EXPRESSED OR IMPLIED CHANGES THIS CONDITION. CONTRACTOR SHALL DETERMINE ALL CONDITIONS A THE SITE AND SHALL BE RESPONSIBLE FOR KNOWING HOW THEY AFFECT TH WORK. SUBMITTAL OF A BID TO PERFORM THIS WORK IS ACKNOWLEDGEMENT OF THE RESPONSIBILITIES, AND THAT THEY HAVE BEEN FULLY CONSIDERED IN PLANNING OF THE WORK, AND THE BID PRICE. NO CLAIMS FOR EXTRA CHARGES DUE TO THESE CONDITIONS WILL BE FORTHCOMING UNAUTHORIZED CHANGES:

IN THE EVENT THE CLIENT, THE CLIENT'S CONTRACTORS OR SUBCONTRACTORS, OF ANYONE FOR WHOM THE CLIENT IS LEGALLY LIABLE MAKES OR PERMITS TÓ BI MADE ANY CHANGES TO ANY REPORTS, PLANS, SPECIFICATIONS OR OTHE CONSTRUCTION DOCUMENTS PREPARED BY LRL ASSOCIATES LTD. (LRL) WITHOU OBTAINING LRL'S PRIOR WRITTEN CONSENT, THE CLIENT SHALL ASSUME FULL RESPONSIBILITY FOR THE RESULTS OF SUCH CHANGES. THEREFORE THE CLIEN AGREES TO WAIVE ANY CLAIM AGAINST LRL AND TO RELEASE LRL FROM AN LIABILITY ARISING DIRECTLY OR INDIRECTLY FROM SUCH UNAUTHORIZE

IN ADDITION, THE CLIENT AGREES, TO THE FULLEST EXTENT PERMITTED BY LAW, O INDEMNIFY AND HOLD HARMLESS LRL FROM ANY DAMAGES, LIABILITIES OR COST, INCLUDING REASONABLE ATTORNEY'S FEES AND COST OF DEFENSE, ARISING

IN ADDITION, THE CLIENT AGREES TO INCLUDE IN ANY CONTRACTS FOR CONSTRUCTION APPROPRIATE LANGUAGE THAT PROHIBITS THE CONTRACTOR OR ANY SUBCONTRACTORS OF ANY TIER FROM MAKING ANY CHANGES OF MODIFICATIONS TO LRL'S CONSTRUCTION DOCUMENTS WITHOUT THE PRIOR
WRITTEN APPROVAL OF LRL AND THAT FURTHER REQUIRES THE CONTRACTOR TO INDEMNIFY BOTH LRL AND THE CLIENT FROM ANY LIABILITY OR COST ARISING FROM SUCH CHANGES MADE WITHOUT SUCH PROPER AUTHORIZATION.

GENERAL NOTES:

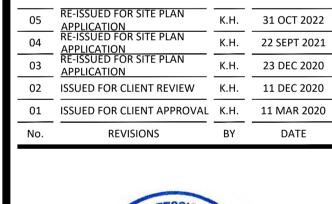
EXISTING SERVICES AND LITHLITES SHOWN ON THESE DRAWINGS ARE TAKEN FROM IE BEST AVAILABLE RECORDS, BUT MAY NOT BE COMPLETE OR TO DATE. CONTRACTOR SHALL VERIFY IN FIELD FOR LOCATION AND ELEVATION OF PIPES AND CHECK WITH THE UTILITY COMPANIES BEFORE DIGGING OR PERFORMING

CONTRACTOR IS ADVISED TO COLLECT INFORMATION ON SOIL CONDITIONS BEFORE START OF CONSTRUCTION.

THE ENGINEER WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE NGINEER'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSION INCONSISTENCIES AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES BEFORE WORK COMMENCES. DO NOT SCALE DRAWINGS.





NOT AUTHENTIC UNLESS SIGNED AND DATED



ENGINEERING | INGÉNIERIE 5430 Canotek Road I Ottawa, ON, K1J 9G2 www.lrl.ca I (613) 842-3434

THE HINDU HERITAGE CENTRE OF OTTAWA CARLETON

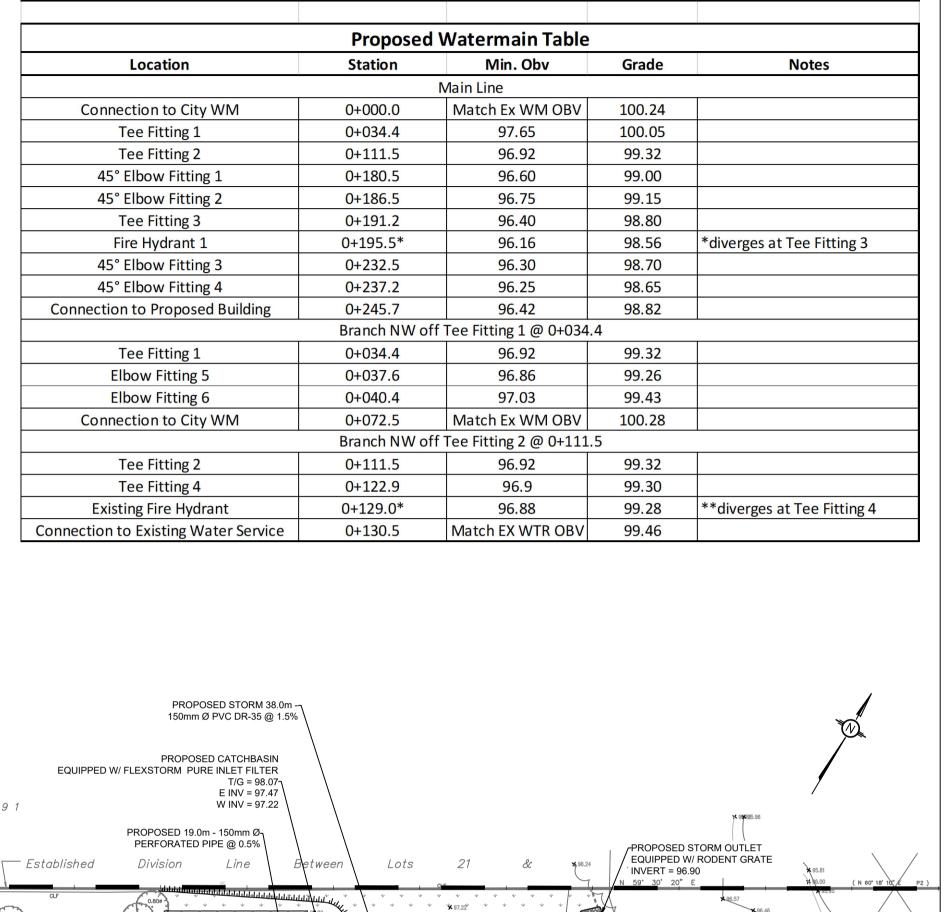
M.B. P.P. K.H. **PROJEC** 

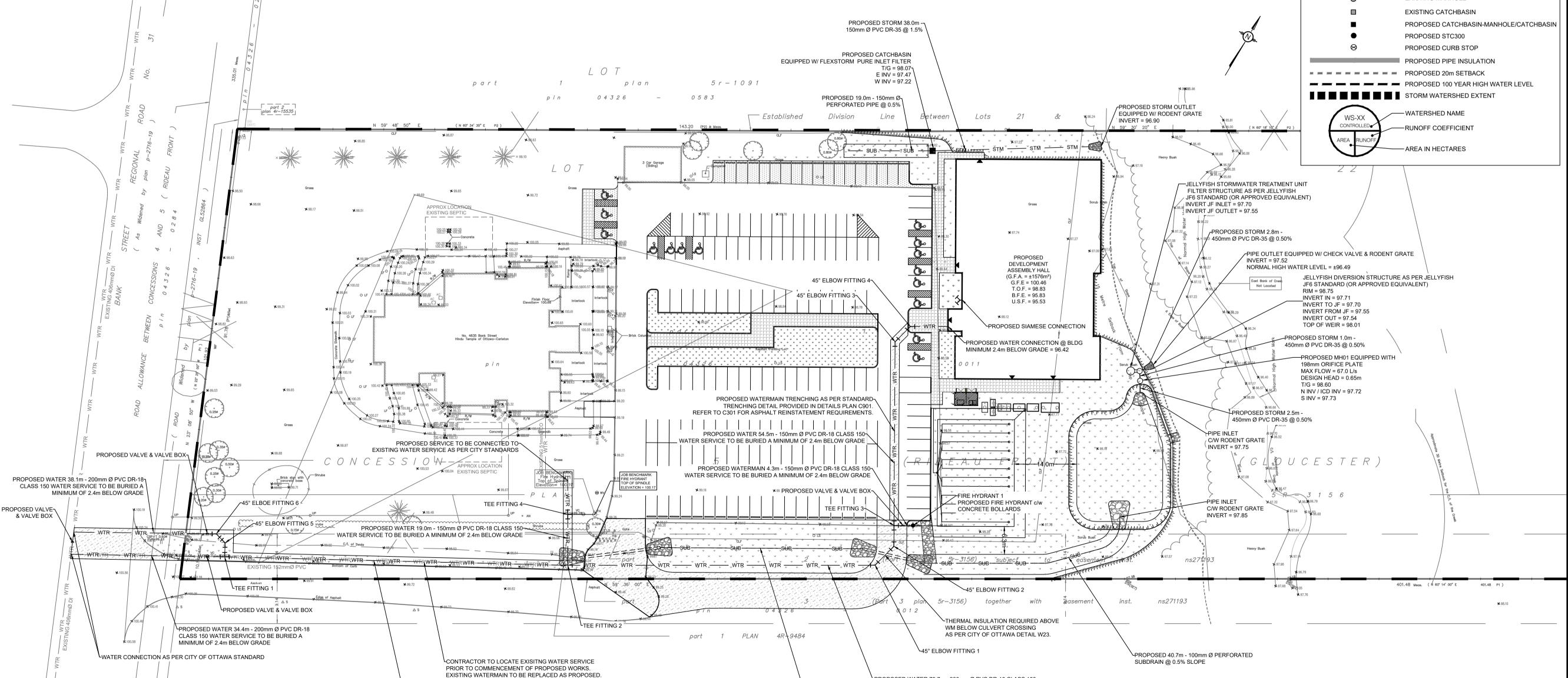
> PROPOSED ASSEMBLY HALL 4835 BANK STREET, OTTAWA

**SERVICING PLAN** 

170132

JAN2020





PROPOSED WATER 79.7m - 200mm Ø PVC DR-18 CLASS 150 WATER SERVICE TO BE BURIED A MINIMUM OF 2.4m BELOW GRADE

<sup>\</sup>PROPOSED 45.5m - 100mm Ø PERFORATED

SUBDRAIN W/ FILTER SOCK @ 0.5% SLOPE AS PER SECTION 4 OF THE MOE SMPDM