

## NOTES:

- 1. IT IS THE CONTRACTOR'S RESPONSIBILITY PRIOR TO CONSTRUCTION TO INVESTIGATE AND VERIFY FOR HIMSELF THE LOCATIONS OF ALL EXISTING MUNICIPAL AND PRIVATE SERVICES AND UTILITIES WHICH MAY EFFECT THE WORK WHETHER OR NOT INDICATED ON THE DRAWINGS.
- 2. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE LATEST REVISION OF THE ONTARIO PROVINCIAL STANDARD SPECIFICATIONS AND LOCAL SPECIFICATIONS AND DRAWINGS
- 3. GENERAL CONTRACTOR OR APPROPRIATE SUB-TRADE SHALL BE RESPONSIBLE FOR NOTIFYING THE FOLLOWING PEOPLE AT LEAST 2 WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION:
- A) THE MUNICIPALITY OF LAMBTON SHORES PUBLIC WORKS DEPARTMENT CONTACT: DAN WOOD AT 519-243-1400 ext. 8216
- B) THE ENGINEERING CONSULTANT: BM ROSS AT 519-908-9564

  4. CONTRACTOR SHALL CONDUCT PRE-CONSTRUCTION MEETING BEFORE STARTING WORK ONSITE.

# REMOVALS:

- 1. EXCAVATE EXISTING NATIVE MATERIAL TO PAVEMENT SUBGRADE. EXISTING NATIVE MATERIAL TO REMAIN ON SITE TO BE SHAPED TO FINISHED GRADE. ANY REMOVED MATERIAL SHALL ADHERE TO O.REG. 406/19 PRIOR TO REMOVAL OFF-SITE.
- 2. STRIP AND STOCKPILE TOPSOIL FROM GROUND AREAS THAT WILL REQUIRE FINE GRADING AND/OR BE REPLACED BY NEW ASPHALT. STOCKPILED TOPSOIL SHALL BE USED TO RESTORE DISTURBED SITE AREAS.

### SANITARY SEWER NOTES:

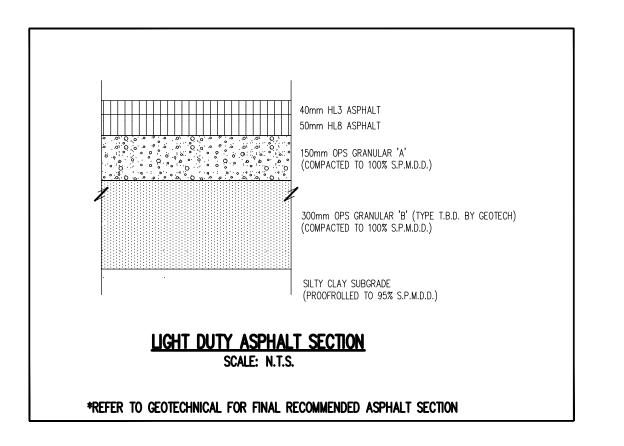
- 1. EXCAVATE EXISTING SANITARY SERVICE TO THE SITE AND INVESTIGATE CONDITION WITH CCTV REVIEW
- 2. INSTALL 150mm PVC DR28 SERVICE WITH 2.00% SLOPE TO BUILDING WITH GRANULAR 'A' BEDDING AND COVER MATERIAL PER OPSD-802.010

#### STORM SEWER NOTES:

- 1. EXCAVATE EXISTING STORM SERVICE TO THE SITE AND INVESTIGATE CONDITION WITH CCTV REVIEW
- 2. ALL PROPOSED 200mmø STORM PIPE SHALL BE PVC DR 35 WITH GRANULAR 'A' BEDDING AND COVER MATERIAL PER OPSD-802.010.
- 3. PROVIDE NEW CATCHBASINS PER OPSD-705.010 WITH FRAME AND GRATE PER OPSD-400.020 WITH 'FISH' STYLE COVER PER OPSD-400.050. PROVIDE TWO(2) 3m LONG PERFORATED SUBDRAINS AT EACH CATCHBASIN IN PAVEMENT AREAS
- 4. ALL PROPOSED 150mmø STORM SERVICE PIPE SHALL BE PVC DR 28 AT 2.00% MIN SLOPE WITH BEDDING AND COVER PER OPSD-802.010
- 5. SUPPLY AND INSTALL SNOUT OIL-DEBRIS SEPARATORS MODEL 12F PER MANUFACTURERS SPECIFICATIONS ON ALL CATCHBASIN OUTLET PIPES.
- 6. TO ENSURE THE INTENDED FUNCTION OF STORMWATER QUANTITY AND QUALITY CONTROL FEATURES, THE CATCH BASINS, MANHOLES, AND SNOUT DEVICES SHALL BE INSPECTED ANNUALLY TO MONITOR THE AMOUNT OF OIL AND SEDIMENT COLLECTED. THE CATCH BASIN AND OGS SUMPS SHALL BE PUMPED OUT AND ACCUMULATED DELETERIOUS MATERIALS DISPOSED OF AS REQUIRED. THE INLET AND OUTLET PIPES SHALL ALSO BE CHECKED FOR ANY DEBRIS OR BLOCKAGES AND BE CLEANED AS REQUIRED.

### PAVEMENTS, CURBS AND SIDEWALKS:

- 1. EXCAVATE AS REQUIRED TO PAVEMENT SUBGRADE. ANY POORLY PERFORMING AREAS IDENTIFIED DURING PROOFROLLING SHALL BE SUBEXCAVATED AND REINSTATED WITH OPSS GRANULAR 'B' TYPE II COMPACTED TO MINIMUM 95% S.P.M.D.D. \*TO BE CONFIRMED BY GEOTECHNICAL ENGINEER.
- 2. PAVEMENT STRUCTURE OVER APPROVED SUBGRADE SHALL BE AS PER DETAILS ON DWG No. 2
- 3. ON-SITE GRASS AREAS SHALL BE RESTORED WITH MIN. 150mm TOPSOIL AND SOD.
- 4. ANY DAMAGE TO GRASS MUNICIPAL BLVDS SHALL BE RESTORED WITH MIN.
- 150mm TOPSOIL AND SOD.
- 5. CONTRACTOR SHALL SUBMIT ASPHALT MIX DESIGN FOR REVIEW AND APPROVAL BY GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTION.
- 6. PAVEMENT MARKINGS SHALL BE AS PER OPSS 710
- 7. SIDEWALKS SHALL BE 125mm THICK WITH 100mm GRANULAR 'A' BASE ON APPROVED SUBGRADE.
- 8. CONCRETE BARRIER CURBS SHALL BE AS PER OPSD-600.080



LEGEND

- SAN. or STM.

MH. CB.
O □ MANHOLE and CATCHBASIN

- - - - - - - - - GASMAIN

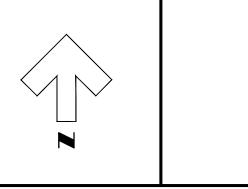
- - - - - - - - - GASMAIN

- - - - - - - - - - UNDERGROUND TELEPHONE

- - - - - TV - - - - - UNDERGROUND T.V. CABLE

H B T H - B LP
O O O O C UTILITY POLES

1:150 1m 0 2m 4m 6m



NOTE

The locations of existing underground utilities are shown in an approximate way only and have not been independently verified by the owner or its representative. The contractor shall determine the exact location of all existing utilities before commencing work and agrees to be fully responsible for any damages which might be occasioned by the contractor's failure to exactly locate and preserve any and all underground utilities.

|            | BENCHMARK INFORMATION |
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| B.M. Elev. |                       |
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Design By: B.K. Checked By: G.C.B.

PRELIMINARY

| l | No. | DATE  | REVISION   |
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Goderich Kincardine Mount Forest Sarnia

**Habitat for Humanity** 

Four-plex Development Forest, ON

**Notes and Details** 

Contract No.

Project No.
24197

Scale (24x36)

N.T.S.

Drawing No.
2 of 2