

CONSTRUCTION NOTES AND SPECIFICATIONS

- 1.0 GENERAL**
- THESE PLANS ARE NOT FOR CONSTRUCTION UNTIL SIGNED AND SEALED BY ENGINEER AND APPROVED BY THE CITY OF HAMILTON.
 - THESE PLANS ARE TO BE USED FOR SERVING AND GRADING ONLY; ANY OTHER INFORMATION SHOWN IS FOR ILLUSTRATION PURPOSES ONLY. THIS PLAN MUST NOT BE USED TO SITE THE PROPOSED BUILDING.
 - NO CHANGES ARE TO BE MADE WITHOUT THE APPROVAL OF THE DESIGN ENGINEER.
 - THESE PLANS NOT TO BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE PERMISSION OF MTE CONSULTANTS INC.
 - THE APPROVAL OF THESE PLANS DOES NOT EXEMPT THE OWNER'S BONDED CONTRACTOR FROM THE REQUIREMENTS TO OBTAIN THE VARIOUS PERMITS NORMALLY REQUIRED TO COMPLETE A CONSTRUCTION PROJECT, SUCH AS, BUT NOT LIMITED TO THE FOLLOWING:
 - ROAD CUT PERMITS
 - APPROACH APPROVAL PERMITS
 - COMMITTEE OF ADJUSTMENT
 - SEWER PERMITS
 - RELOCATION OF SERVICES
 - ENCROACHMENT AGREEMENTS
 - PRIOR TO CONSTRUCTION, THE CONTRACTOR MUST:
 - CHECK AND VERIFY ALL EXISTING CONDITIONS, LOCATIONS AND ELEVATIONS WHICH INCLUDES BUT IS NOT LIMITED TO THE BENCHMARK ELEVATIONS, EXISTING SERVICE CONNECTIONS AND EXISTING INVERTS, REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO PROCEEDING.
 - OBTAIN ALL UTILITY LOCATES AND REQUIRED PERMITS AND LICENSES.
 - VERIFY THAT THE FINISHED FLOOR ELEVATIONS AND BASEMENT FLOOR ELEVATIONS (WHICH MAY APPEAR ON THIS PLAN) COMPLY WITH THE FINAL ARCHITECTURAL DRAWINGS.
 - CONFIRM ALL DRAWINGS USED FOR CONSTRUCTION ARE OF THE MOST RECENT VERSION.
 - THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR ANY DAMAGE TO EXISTING WORKS.
 - ALL WORKS ON A MUNICIPAL RIGHT-OF-WAY WILL BE INSTALLED BY THE OWNER'S BONDED CONTRACTOR UPON APPLICATION BY OWNER AT OWNER'S EXPENSE. UNDER THE ROAD CUT PERMIT, THE CONTRACTOR IS TO MAKE CONNECTION TO THE SERVICES AND MAKE AND MAINTAIN THE TEMPORARY REPAIR OVER THE CUT, WITH PERMANENT REPAIR BEING MADE BY THE CITY CONTRACTOR AT THE OWNER/OWNER'S CONTRACTOR COST. THE CONTRACTOR IS RESPONSIBLE FOR RESTORATION OF ALL BOULEVARD AREAS.
 - CONSTRUCTION OF SEWERS, WATERMANS AND RELATED APPURTENANCES SHALL BE UNDERTAKEN IN ACCORDANCE WITH THE CITY OF HAMILTON CONSTRUCTION AND MATERIALS SPECIFICATIONS MANUAL (LATEST EDITION), THE ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD), AND MINISTRY OF THE ENVIRONMENT GUIDELINES (LATEST EDITION). THE CITY DRAWINGS SHALL TAKE PRECEDENCE OVER THE OPSD DRAWINGS.
 - ALL SEWERS ARE TO BE INSTALLED WITH A MINIMUM COVER OF 2.20m AT THE PROPERTY LINE BELOW THE FINAL ROAD GRADE OR AT SUCH HIGHER ELEVATION ONLY AS MAY BE NECESSITATED BY THE ELEVATION OF THE MAIN SEWER, ON PRIVATE PROPERTY THE MINIMUM COVER IS TO BE NO LESS THAN 1.2m.
 - INFORMATION REGARDING ANY EXISTING SERVICES AND/OR UTILITIES SHOWN ON THE APPROVED SET OF CONSTRUCTION DRAWINGS IS FURNISHED AS THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL INTERPRET THIS INFORMATION AS HE SEES FIT WITH THE UNDERSTANDING THAT THE OWNER AND HIS AGENTS DISCLAIM ALL RESPONSIBILITY FOR ITS ACCURACY AND/OR SUFFICIENCY.
 - NO BLASTING WILL BE PERMITTED.
 - ALTERNATIVE MATERIALS WILL NOT BE ALLOWED UNLESS FIRST APPROVED IN WRITING BY THE CONSULTANT AND THE CITY OF HAMILTON.
 - APPROVED FILL FREE OF DELETERIOUS AND ORGANIC MATERIAL AND Boulders SHALL BE TO A DRY DENSITY NOT LESS THAN 95% OF THE STANDARD PROCTOR DENSITY. AFTER COMPACTION, SOIL DENSITY TESTS SHALL BE CONDUCTED TO ENSURE ADEQUATE COMPACTION AND STABILITY OF THE FILL AND TEST RESULTS SHALL BE SUBMITTED TO THE ENGINEER.
 - CONTRACTOR IS RESPONSIBLE FOR CONTACTING ENGINEER 48 HRS PRIOR TO COMMENCING WORK TO ARRANGE FOR INSPECTION. ENGINEER TO DETERMINE DEGREE OF INSPECTION AND TESTING REQUIRED FOR CERTIFICATION OF UNDERGROUND SERVICE INSTALLATION AS MANDATED BY ONTARIO BUILDING CODE DIVISION C, PART 1, SECTION 1.2.2. GENERAL REVIEW. FAILURE TO NOTIFY ENGINEER WILL RESULT IN EXTENSIVE POST CONSTRUCTION INSPECTION AT CONTRACTORS EXPENSE.
 - SITE PLAN INFORMATION TAKEN FROM PLAN PREPARED BY ALLEN & CHUI ARCHITECTS INC., DATED SEPTEMBER 4, 2012.
 - EXISTING TOPOGRAPHIC AND LEGAL INFORMATION TAKEN FROM PLAN PREPARED BY ASHENHURST NOUWENS LIMITED, TAKEN JULY 23, 2012.
 - CONTRACTOR TO INSTALL EROSION CONTROL MEASURES AS SHOWN PRIOR TO CONSTRUCTION AND MAINTAIN IN GOOD CONDITION UNTIL CONSTRUCTION IS COMPLETED AND VEGETATIVE COVER IS ESTABLISHED.
 - RETAINING WALLS IF REQUIRED ARE TO BE DESIGNED BY OTHERS.
 - SITE SERVING CONTRACTOR TO TERMINATE ALL SERVICES 1.0 METER FROM FOUNDATION WALL.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD INCLUDING THE SUPPLY, INSTALLATION AND REMOVAL OF ALL NECESSARY SIGNALS, DELINEATORS, MARKERS, AND BARRIERS. ALL SIGNS, ETC. SHALL CONFORM TO THE STANDARDS OF THE LOCAL MUNICIPALITY AND THE MTO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
 - THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.
 - CONTRACTOR TO MAINTAIN A "CONFINED TRENCH CONDITION" IN ALL SEWER AND SERVICE TRENCHES.
 - APPROVAL OF THESE DRAWINGS ARE FOR MATERIAL ACCEPTABILITY AND COMPLIANCE WITH MUNICIPAL AND PROVINCIAL SPECIFICATIONS AND STANDARDS ONLY. APPROVAL AND INSPECTION BY THE CITY OF THE WORKS DOES NOT CERTIFY THE LINE AND GRADE OF THE WORKS AND IT IS THE OWNER'S RESPONSIBILITY TO HAVE THEIR ENGINEER CERTIFY THIS ACCORDINGLY.

- 2.0 STORM SEWERS**
- PIPE BEDDING FOR RIGID PIPE TO BE CLASS "B" AS PER OPSD 802.030. PIPE BEDDING FOR FLEXIBLE PIPE TO BE AS PER OPSD 802.010. BEDDING MATERIAL AND COVER MATERIAL TO BE GRAN. "A", TRENCH BACKFILL TO BE NATIVE MATERIAL REPLACED IN 300mm LIFTS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.
 - STORM SEWERS, 150mm AND SMALLER, SHALL BE POLYVINYL CHLORIDE (PVC) PIPE SDR28 ASTM-D3034 WITH INTEGRAL BELL AND SPIGOT UTILIZING FLEXIBLE ELASTOMERIC SEALS.
 - STORM SEWERS 200mm TO 375mm SHALL BE POLYVINYL CHLORIDE (PVC) PIPE SDR35 ASTM-D3034 WITH INTEGRAL BELL AND SPIGOT UTILIZING FLEXIBLE ELASTOMERIC SEALS.
 - FACTORY FABRICATED TEES SHALL BE USED FOR ALL STORM SERVICE CONNECTIONS.
 - CATCHBASINS TO BE 600mm SQUARE PRECAST AS PER OPSD 705.010, MODIFIED WITH A GOSS TRAP AS PER SEW-304. (GOSS TRAPS ARE NOT REQUIRED ON CB'S WITH GRASSED AREAS).
 - CATCHBASIN, FRAMES, GRATES, CASTINGS AND LIDS TO BE QUALITY GREY IRON ASTM A48 CLASS 308.
 - CATCHBASIN GRATES TO BE PER OPSD 400.020.
 - CONTRACTOR AND SERVICES TO HAVE MINIMUM 1.2m COVER, WHERE COVER OVER SERVICES IS DEFICIENT, THE CONTRACTOR SHALL LONGITUDINALLY CENTRE OVER THE PIPE, PLASTISPAN H.D. BELOW GRADE RIGID INSULATION OR APPROVED EQUIVALENT, WITH OVERLAPPING JOINTS. INSULATION TO BE 1950mm WIDE AND 75mm THICK.
 - ALL WEeping TILE DRAINAGE TO BE PUMPED TO THE GRADE AND DISCHARGED AT THE REAR OF THE BUILDING.

- 3.0 SANITARY SEWERS**
- PIPE BEDDING FOR RIGID PIPE TO BE CLASS "B" AS PER OPSD 802.030. PIPE BEDDING FOR FLEXIBLE PIPE TO BE AS PER OPSD 802.010. BEDDING MATERIAL AND COVER MATERIAL TO BE GRAN. "A", TRENCH BACKFILL TO BE NATIVE MATERIAL REPLACED IN 300mm LIFTS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.
 - SANITARY SEWERS 150mm AND SMALLER SHALL BE POLYVINYL CHLORIDE (PVC) PIPE SDR28 ASTM-D3034 WITH INTEGRAL BELL AND SPIGOT UTILIZING FLEXIBLE ELASTOMERIC SEALS.
 - FACTORY FABRICATED TEES SHALL BE USED FOR ALL SANITARY SERVICE CONNECTIONS.
 - SANITARY SEWERS AND SERVICES TO HAVE MINIMUM 1.2m COVER, WHERE COVER OVER SERVICES IS DEFICIENT, THE CONTRACTOR SHALL LONGITUDINALLY CENTRE OVER THE PIPE, PLASTISPAN H.D. BELOW GRADE RIGID INSULATION OR APPROVED EQUIVALENT, WITH OVERLAPPING JOINTS. INSULATION TO BE 1950mm WIDE AND 75mm THICK.
 - CONTRACTOR RESPONSIBLE FOR TESTING OF SANITARY SEWERS IN ACCORDANCE WITH OPS5 410.

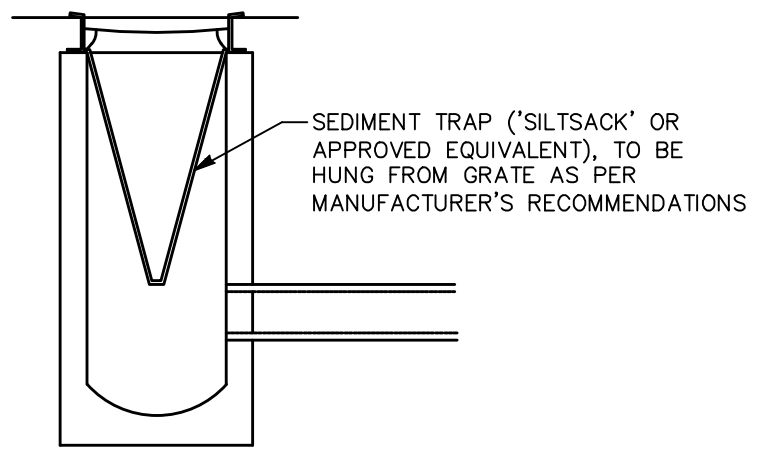
- 4.0 WATERMANS**
- PIPE BEDDING AND COVER MATERIAL FOR WATERMANS AND SERVICES TO BE INSTALLED AS PER CITY OF HAMILTON STANDARD DRAWING No. WM-200.01 (CONCRETE AND PVC), AND WM-200.02 (DUCTILE IRON). BOTH BEDDING AND COVER MATERIAL TO BE GRAN. "A" FOR WATERMANS AND SERVICES GREATER THAN 50mm AND GRANULAR "D" FOR SERVICES 50mm AND SMALLER. TRENCH BACKFILL TO BE NATIVE MATERIAL REPLACED IN 300mm LIFTS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.
 - ALL MATERIALS AND CONSTRUCTION METHODS MUST CORRESPOND TO THE CURRENT CITY OF HAMILTON STANDARDS.
 - PVC WATER MAIN/SERVICE MATERIAL, CATHODIC PROTECTION, TRACER WIRE ETC. MUST BE AS PER FORM 400.
 - MAIN STOPS, CURB STOPS AND COUPLINGS SHALL BE AWWA C-800 COPPER TO COPPER FLANGED OR COMPRESSION CONNECTION OR APPROVED EQUIVALENT.
 - A MINIMUM HORIZONTAL SEPARATION OF 2.5m IS TO BE MAINTAINED BETWEEN SEWERS AND WATERMAIN, WHERE THE WATERMAIN CROSSES OVER THE SEWER, OR WHERE THE SEWER CROSSES OVER THE WATERMAIN, 0.90m MINIMUM VERTICAL SEPARATION IS TO BE MAINTAINED IN ACCORDANCE WITH DIVISION B, PART 7, SECTIONS 7.3.5.7.(2)(a)(i) AND 7.3.5.7.(3)(a) OF THE ONTARIO BUILDING CODE.
 - ALL WATERMANS AND SERVICES TO HAVE MINIMUM 1.6m COVER TO TOP OF PIPE, WHERE COVER OVER SERVICES IS DEFICIENT, THE CONTRACTOR SHALL LONGITUDINALLY CENTRE OVER THE PIPE, PLASTISPAN H.D. BELOW GRADE RIGID INSULATION OR APPROVED EQUIVALENT, WITH OVERLAPPING JOINTS. INSULATION TO BE 1950mm WIDE AND 75mm THICK.
 - CITY OF HAMILTON TO SUPPLY AND INSTALL WATER METER BY APPOINTMENT UNDER THE WATER METER PERMIT. CONTRACTOR TO INSTALL METER SPACER (OBTAINED FROM CITY), ALL VALVES, PIPING AND REDUCING METER HEAD AT LOCATION ON BUILDING EXTERIOR ACCEPTABLE TO MUNICIPALITY. INTERNAL METERS TO BE INSTALLED AT FLOOR GRADE AS PER WM-210.
 - WATERMAIN SHUTDOWN
 - MAXIMUM 4 HOUR SHUTDOWN OF EXISTING MAIN AT A TIME CONVENIENT TO THE CITY OF HAMILTON AND ABUTTING USERS.
 - CONTRACTOR TO GIVE 48 HOUR PRIOR NOTIFICATION USING THE "CITY OF HAMILTON NOTICE OF SHUTDOWN" FOR ALL AFFECTED AREAS.
 - IN THE EVENT A SCHEDULED SHUTDOWN IS CANCELLED BY THE CITY OF HAMILTON, THE CONTRACTOR SHALL HAVE NO CLAIMS AGAINST THE CITY.
 - SERVICE BOXES TO BE MUELLER H-10300 SERIES, CLOW 'D' SERIES COMPLETE WITH ROD AND PLUG OR EQUIVALENT AS PER THE APPROVED WATERMAIN PRODUCTS LIST, CITY OF HAMILTON CONSTRUCTION AND MATERIAL SPECIFICATION MANUAL.
 - ALL UNUSED WATER SERVICES ARE TO BE PROPERLY ABANDONED AS FOLLOWS:
 - REMOVE CURB STOP.
 - CUT AND CRIMP WATER SERVICE AT THE MAIN.
 - CLOSE MAINSTOP
 EXISTING WATER METERS FOR SYSTEM TO BE ABANDONED TO BE REMOVED & SALVAGED BY CITY FORCES. CONTACT WATER AND WASTEWATER SECTION, PUBLIC WORKS DEPARTMENT AT 905-546-2424 X 4426

- 5.0 GRADING NOTES:**
- ANY CHANGES IN GRADES AND CATCH BASINS REQUIRE THE APPROVAL OF THE DIRECTOR OF DEVELOPMENT ENGINEERING, PLANNING AND ECONOMIC DEVELOPMENT DEPARTMENT.
 - FILTER FABRIC TO BE TERRAFIX 270R OR APPROVED EQUAL.
 - MAXIMUM GRASSED SLOPE TO BE 3:1. SLOPES GREATER THAN 3:1 TO BE LANDSCAPED WITH LOW MAINTENANCE GROUND COVER.
 - MINIMUM ASPHALT GRADE TO BE 1.0%, MINIMUM GUTTERLINE GRADE TO BE 0.5%.
 - CONTRACTOR TO MATCH EXISTING GRADES AT PROPERTY LINE UNLESS OTHERWISE NOTED.
 - ALL DRIVEWAYS FROM PROPERTY LINES FOR THE FIRST 7.5m SHALL BE WITHIN 5% MAX. GRADE, THEREAFTER, ALL DRIVEWAYS SHALL BE WITHIN 10% MAXIMUM GRADES.
 - PRIOR TO REMOVING ANY EXCESS SOILS FROM THE SITE, CONTRACTOR TO CONTACT THE ARCHITECT FOR DIRECTION ON CREATING EARTHEN BERMS ON-SITE.
 - ALL LANDSCAPED AREAS ARE TO HAVE A MINIMUM 2.0% SLOPE.

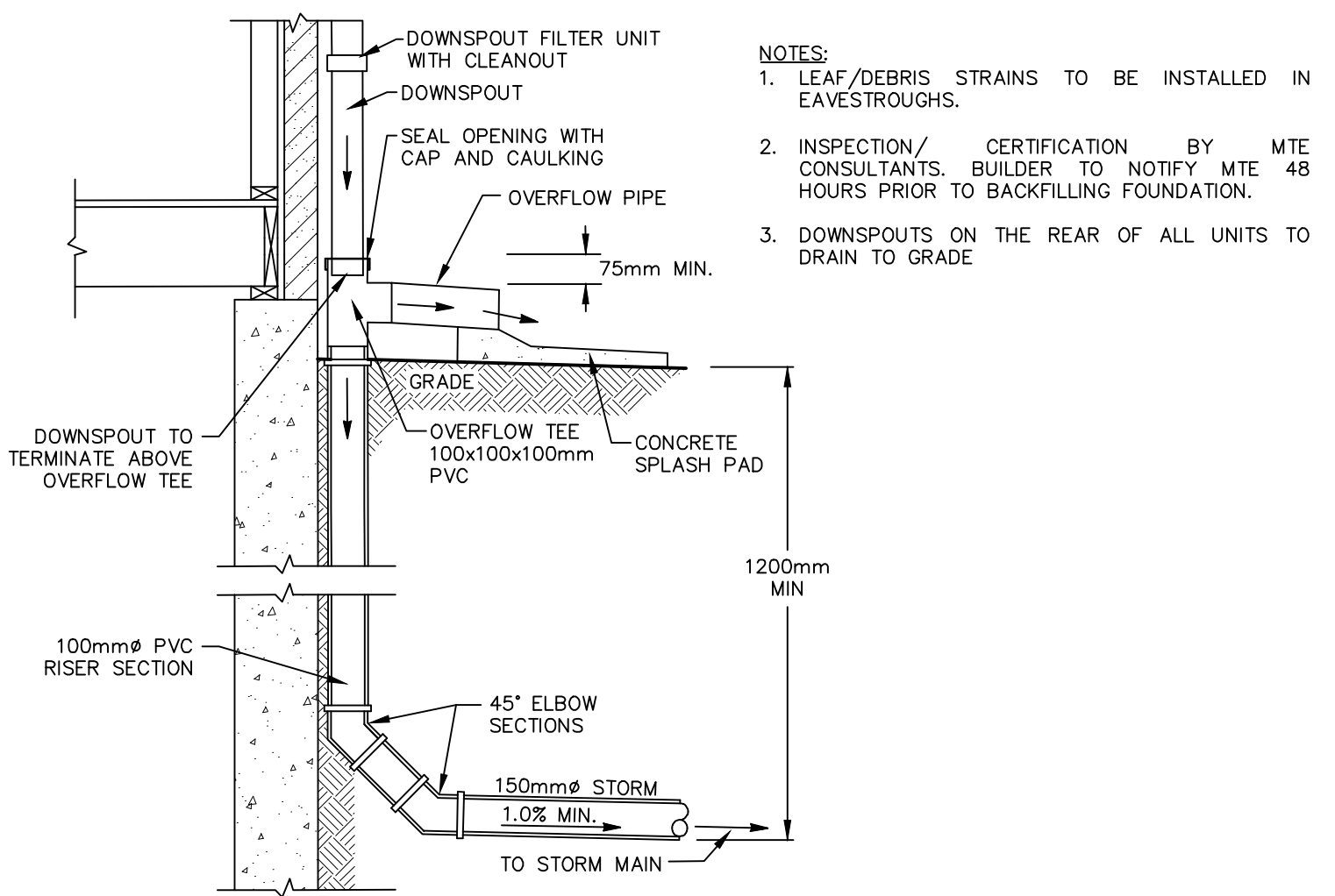
- 6.0 RESTORATIONS:**
- ALL RESTORATIONS TO CONFORM TO HAMILTON FORM 300.30.
 - RESTORATIONS OF ROAD OVER UTILITY CUTS IN HAMILTON TO BE AS PER STANDARD DRAWINGS RD-100.01 AND RD-100.02. WITH GRANULAR "A" BEDDING, THE CONTRACTOR MUST BE BONDED WITH THE CITY OF HAMILTON AND MAKE AND MAINTAIN THE TEMPORARY ROAD REPAIR OVER THE CUT, WITH PERMANENT REPAIR BEING MADE BY THE CITY CONTRACTOR AT THE OWNER/OWNER'S CONTRACTOR COST.
 - ALL BOULEVARDS TO BE RESTORED WITH #1 NURSERY SOD ON A MINIMUM 100mm OF SELECT TOPSOIL.
 - CONTRACTOR SHALL CO-ORDINATE THE REMOVAL AND REINSTALLATION OF EXISTING PARKING METERS AND/OR STREET SIGNS WITH THE CITY OF HAMILTON TRAFFIC DEPARTMENT.
 - ALL FENCES AFFECTED BY CONSTRUCTION SHALL BE REMOVED, TEMPORARILY RELOCATED AND/OR STOCKPILED IF APPROVED BY THE ENGINEER, AND REINSTATED UPON COMPLETION OF CONSTRUCTION.

- 7.0 SEWER ABANDONMENT NOTES:**
- ALL EXISTING UNUSED SEWERS MUST BE PROPERLY ABANDONED, BY EITHER COMPLETELY REMOVING THEM FROM THE GROUND, OR BY GROUTING EITHER END OF THE SEWER WITH A MINIMUM 300mm THICK CONCRETE PLUG.
 - UNUSED MAINTENANCE HOLES AND CATCH BASINS MUST BE COMPLETELY REMOVED.
 - OPENING IN MAINTENANCE HOLES WHERE SERVICES WERE REMOVED MUST BE BRICKED AND PARGED.
 - ALL UNUSED SERVICES WITHIN THE RIGHT OF WAY SHALL BE EXCAVATED AND REMOVED TO THE EXISTING SEWERS/MAIN.

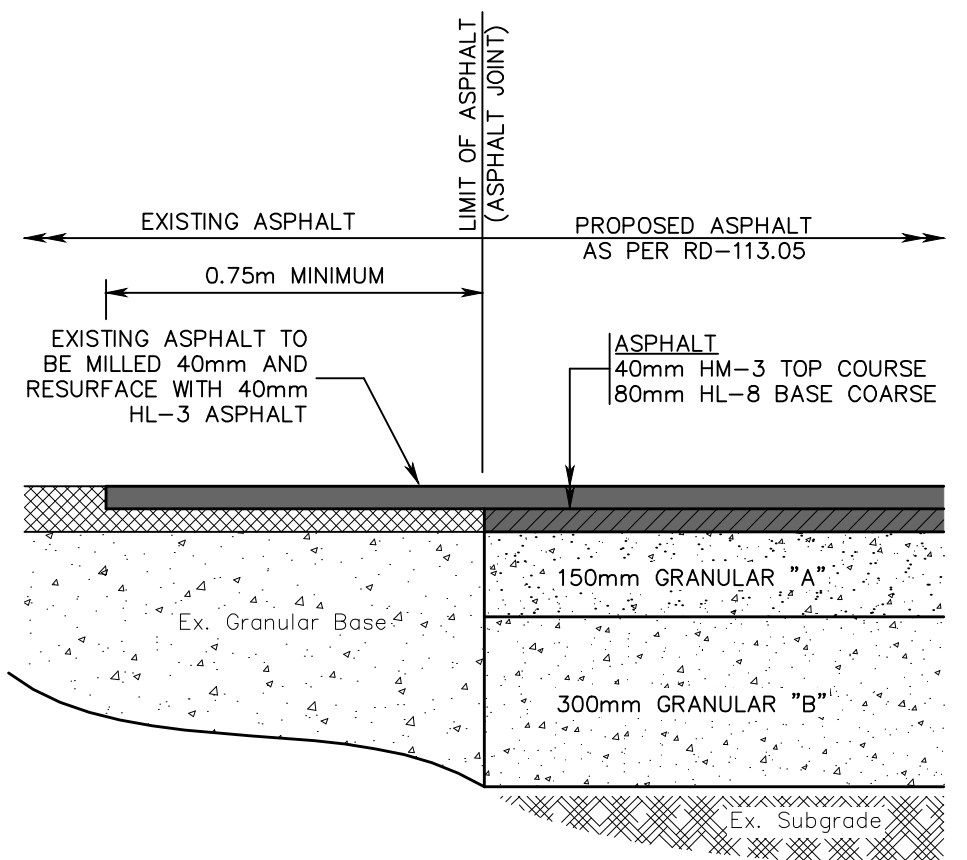
- 8.0 EROSION AND SEDIMENT CONTROL**
- ALL EROSION AND SEDIMENT CONTROL MEASURES (TEMPORARY SEDIMENT CONTROL FENCES, STORM SEWER BULKHEADS, ROCK CHECK DAMS, WORK LIMIT FENCES, SEDIMENT BASINS, ETC.) MUST BE INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 - TEMPORARY VEHICLE TRACKING CONTROLS TO BE CONSTRUCTED AS PER REQUIREMENTS IN "EROSION & SEDIMENT CONTROL GUIDELINE FOR URBAN CONSTRUCTION" DATED THESESE 2006, AT ALL ACCESS POINTS. CONTRACTOR SHALL MAINTAIN THESE AS REQUIRED AND AS DIRECTED BY THE CITY ENGINEER.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL STREET CLEANING, SHOULD STREET CLEANING BE COMPLETED BY CITY CREWS DUE TO THE CONTRACTOR'S NEGLIGENCE, ALL CHARGES LEVIED BY THE CITY WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 - OVERLAND SHEET FLOW EROSION PROTECTION SHALL BE AS PER OPSD 219.130. IF EXCESSIVE SEDIMENT BUILDUP/BLOCKAGE OCCURS (VISUAL INSPECTION) THEN REPLACEMENT OF THE FILTER CLOTH IS REQUIRED.
 - CATCH BASIN SEDIMENT CONTROL DEVICE, I.E. "SILTSACK" BY AGF ENVIRONMENT OR APPROVED EQUIVALENT, TO BE PLACED AS PER MANUFACTURER'S RECOMMENDATIONS (SEE DETAIL). REGULAR MAINTENANCE IS REQUIRED ("SILTSACK" SUMPS SHALL BE INSPECTED FOR SEDIMENT ACCUMULATION AND FILTER CLOTH BLOCKAGE ON A WEEKLY BASIS). THESE SEDIMENT TRAPS ARE NOT TO BE REMOVED UNTIL THE CURBS AND THE BOULEVARDS SODDED. SEDIMENT TRAPS SHALL ALSO BE PLACED AS PER DETAIL AT ALL CATCH BASIN LOCATIONS IN AREAS TO BE VEGETATED AND MAINTAINED UNTIL GROUND COVER IS ESTABLISHED.
 - REGULAR MAINTENANCE FOR ALL CATCH BASINS (ON THE PUBLIC ROADWAY AND ON PRIVATE PROPERTY) AND INLET CHAMBERS IS REQUIRED (SEDIMENT TRAPS AND SUMPS SHALL BE INSPECTED FOR SEDIMENT ACCUMULATION, TRASH BUILDUP AND FILTER CLOTH BLOCKAGE ON A WEEKLY BASIS AND AFTER ANY MAJOR RAINFALL EVENT). ACCUMULATED SEDIMENT SHALL BE REMOVED BY MECHANICAL MEANS. FLUSHING OF SEDIMENT INTO THE STORM SEWER SYSTEM IS PROHIBITED. IF STANDING WATER REMAINS IN THE CATCH BASIN 24 HOURS (MINIMUM) AFTER A STORM THEN CLEANING OR REPLACEMENT CLOTH IS REQUIRED.
 - TOPSOIL PILES SHALL BE TEMPORARILY SEED TO PREVENT EROSION. PLACEMENT OF VEGETATION SHALL BE IN ACCORDANCE WITH OPS5572 WHERE REQUIRED. EROSION CONTROL BLENKETS SHALL BE PLACED AS PER OPS5572, AT THE DIRECTION OF THE CITY ENGINEER.
 - ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE VISUALLY INSPECTED AFTER EACH WORKING DAY AND MAINTAINED WHEN REQUIRED AS DIRECTED BY THE CONSULTANT AND TO THE SATISFACTION OF THE CITY/CONSERVATION AUTHORITY. THE CONSULTANT SHALL KEEP A DAILY RECORD OF INSPECTION, MAINTENANCE, ETC. AND PRESENT THE CITY WITH A COPY OF REPORT ON A MONTHLY BASIS.
 - ALL DISTURBED AREAS NOT SCHEDULED FOR FURTHER CONSTRUCTION WITHIN 45 DAYS WILL BE PROVIDED WITH A SUITABLE TEMPORARY MULCH AND SEED COVER WITHIN 7 DAYS OF THE COMPLETION OF THAT PARTICULAR PHASE OF CONSTRUCTION.
 - ALL DISTURBED EXTERNAL AREAS SHALL BE REVEGETATED WITH PERMANENT COVER (AS DETAILED) WITHIN 7 DAYS OF THE COMPLETION OF THAT PARTICULAR PHASE OF CONSTRUCTION.
 - ADDITIONAL EROSION AND SEDIMENT CONTROL LOCATIONS/ MEASURES MAY BE REQUIRED AS DETERMINED BY THE CITY/CONSERVATION AUTHORITY.



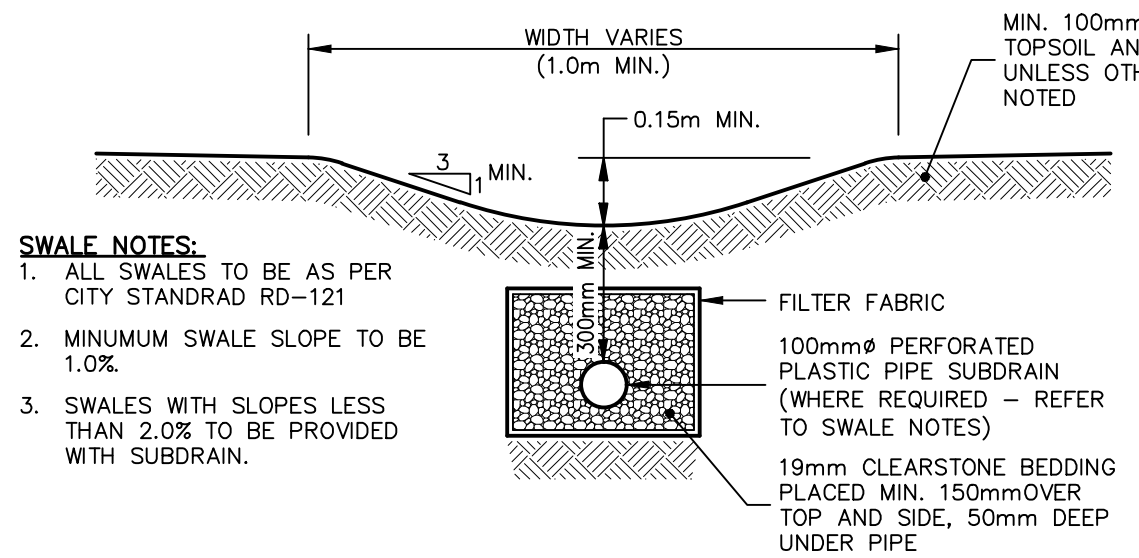
STREET CATCH BASIN SEDIMENT TRAP
N.T.S.



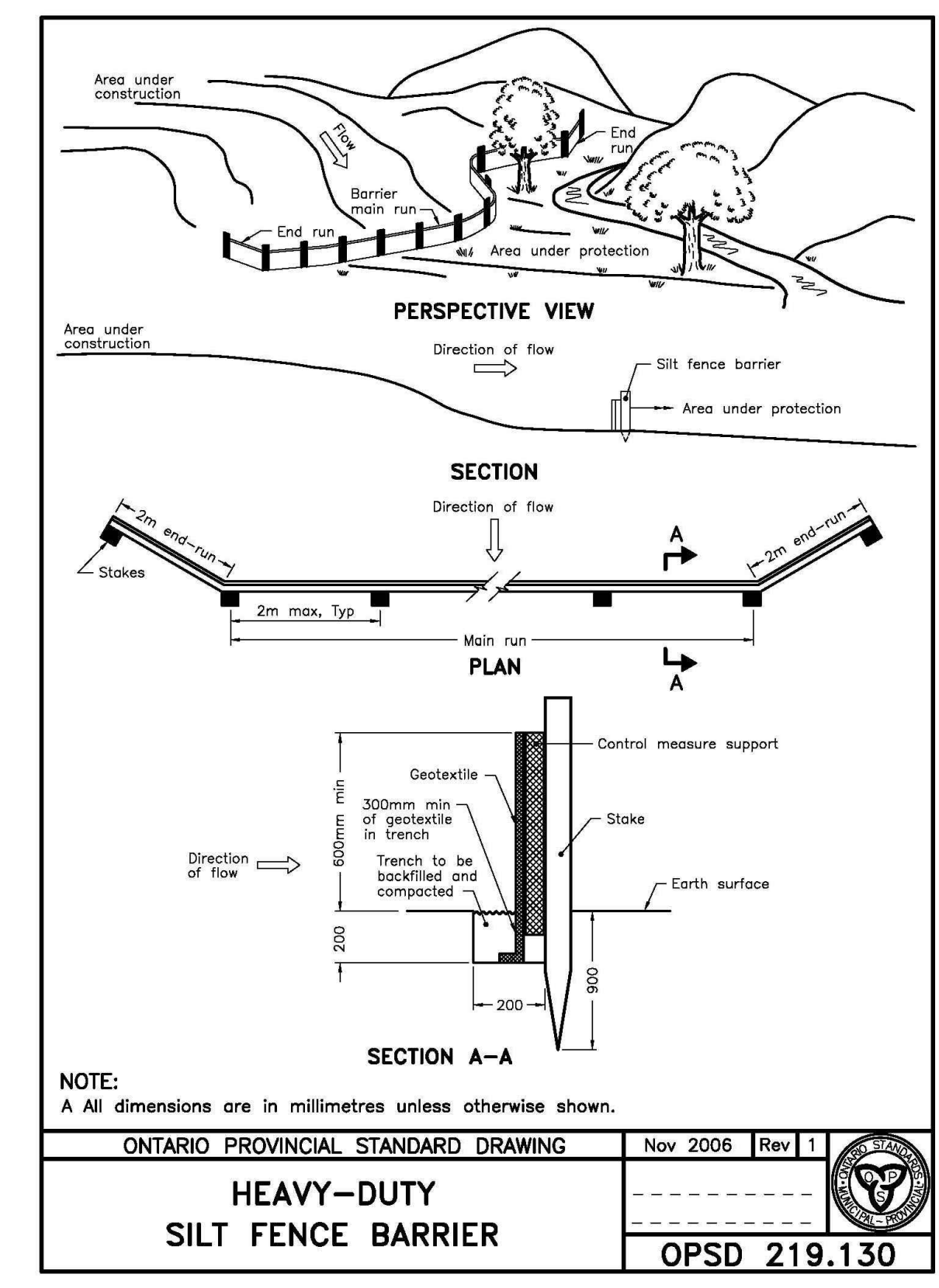
DOWNSPOUT RISER DETAIL-BY BUILDER
(FOR DOWNSPOUTS ON THE FRONT OF THE UNITS ONLY)
N.T.S.



ASPHALT LAP JOINT DETAIL
N.T.S.



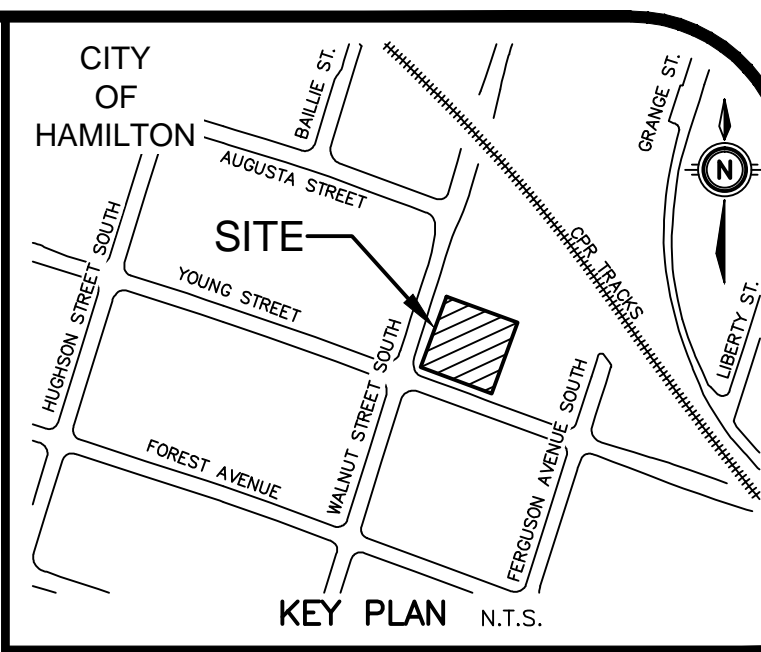
TYPICAL DRAINAGE SWALE
(CITY STANDARD RD-121)
N.T.S.



HEAVY-DUTY SILT FENCE BARRIER
OPSD 219.130

NOTES TO CONTRACTOR:

- INSPECTION**
CONTRACTOR IS RESPONSIBLE FOR CONTACTING ENGINEER 48 HRS PRIOR TO COMMENCING WORK TO ARRANGE FOR INSPECTION. ENGINEER TO DETERMINE DEGREE OF INSPECTION AND TESTING REQUIRED FOR CERTIFICATION OF UNDERGROUND SERVICE INSTALLATION AS MANDATED BY ONTARIO BUILDING CODE DIVISION C, PART 1, SECTION 1.2.2. GENERAL REVIEW. FAILURE TO NOTIFY ENGINEER WILL RESULT IN EXTENSIVE POST CONSTRUCTION INSPECTION AT CONTRACTORS EXPENSE.
- CONFIRMATION OF EXISTING INVERTS**
72 HOURS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR IS TO LOCATE, EXPOSE AND VERIFY INVERTS OF EXISTING SEWERS AT CONNECTION POINTS WITH THE ENGINEER PRESENT. SHOULD THE CONTRACTOR PROCEED WITHOUT COMPLETING THESE LOCATES, EXTRA COSTS RESULTING FROM DELAYS AND STANDBY TIME WILL NOT BE CONSIDERED.



NOTE TO CONTRACTOR:
DO NOT SCALE DRAWINGS.
CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
ALL DRAWINGS REMAIN THE PROPERTY OF THE ENGINEER AND SHALL NOT BE REPRODUCED OR REUSED WITHOUT THE ENGINEER'S WRITTEN PERMISSION.
THE OWNER/ARCHITECT/CONTRACTOR IS ADVISED THAT M.T.E. CONSULTANTS INC. CANNOT CERTIFY ANY COMPONENT OF THE SITE WORKS NOT INSPECTED DURING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO NOTIFY M.T.E. CONSULTANTS INC. PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR INSPECTION.

GEODEIC BM ELEV. = 110.83m
CITY OF HAMILTON BENCHMARK No. 3-26.
CITY OF HAMILTON BENCHMARK HOUSE No. 201 JAMES STREET SOUTH AT NORTH-EAST CORNER OF INTERSECTION OF FOREST AVENUE, PLATE IN SOUTH BRICK WALL AT SOUTH EAST CORNER No. 149.

NOTE:

- PROPERTY-LINE IS APPROXIMATE ONLY.
- EXISTING TOPOGRAPHICAL INFORMATION PROVIDED BY ASHENHURST NOUWENS LIMITED.
- INVERTS DENOTED WITH "±" ARE TAKEN FROM AS-RECORDED PLAN AND PROFILE DRAWINGS COMPLETED BY CITY OF HAMILTON DRAWING W-260 (DATED FEBRUARY 1966) AND FORMER REGIONAL MUNICIPALITY OF HAMILTON WENTWORTH DRAWING 78-S-16 (DATED APRIL 9, 1979) AND ARE CONSIDERED APPROXIMATE ONLY. CONTRACTOR TO FIELD VERIFY AND REPORT ANY DISCREPANCIES TO ENGINEER.

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Site Development Division
Ph. (905)639-2552 www.mte85.com

OWNER
GS MAHER PROPERTY HOLDINGS LTD.
8 MAIN STREET EAST, SUITE 209 HAMILTON, ONTARIO

PROJECT
CORKTOWN TOWNS
147-149 YOUNG STREET HAMILTON, ONTARIO

GENERAL NOTES AND DETAILS PLAN

Project Manager	S. FRANKOVICH	Project No.	37314-200
Design By	REB	Checked By	SWF
Drawn By	REB	Checked By	SWF
Surveyed By	Ashenurst Nouwens Limited	Drawing No.	
Date	Dec.13/12		
Scale	1:100	Sheet	3 of 3

C2.3