

DTES TOPOGRAPHY, GROUND ELEVATION AND SURVEY DATA SHOWN ARE SUPPLIED FOR INFORMATION LY, AND IMPLY NO GUARANTEE OF ACCURACY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FORMATION SHOWN. NOT A CADASTRAL SURVEY SHOWING LEGAL PROPERTY BOUNDARIES AND EASEMENTS. THE PROPERTY SHOW HEREON HAVE BEEN DERIVED INFORMATION SUPPLIED BY (OR SHOWN ON) FARLEY, SMITH & ING LTD. SURVEY FILE # 393-16, DATED OCTOBER 4, 2016 AND CANNOT BE RELIED UPON TO BE (COMPLETE. THE PRECISE LOCATION OF THE CURRENT PROPERTY BOUNDARIES AND EASEMENTS CAN RMINED BY AN UP-TO-DATE LAND TITLES SEARCH AND A SUBSEQUENT CADASTRAL SURVEY PERFORMED D BY AN ONTARIO LAND DURVEYOR. TOR IS TO OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OR FORE COMMENCING CONSTRUCTION. TOR IS TO OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OR FORE COMMENCING CONSTRUCTION. TOR IS TO DETERMINE THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES MOT SHOWN ON THESE DRAWINGS. IF THERE IS ANY DISCREPANCY THE CONTRACTOR IS TO NOTIFY THE DMPTLY. REAS' TO BE TREATED WITH 150mm TOPSOIL, SEED & MULCH AS SOON AS FEASIBLE. TRENCHES AND SURFACES OF PUBLIC ROAD ALLOWANCES TO CONDITION EQUAL OR BETTER THAN UDITION AND TO THE SATISFACTION OF THE CITY OR TOWNSHIP AUTHORITIES. D DISPOSE OF ALL EXCESS EXCAVATED MATERIAL, SUCH AS ASPHALT, CURBING AND DEBRIS, OFF SITE AS THE ENGINEER AND THE CITY OR TOWNSHIP. E STRIPPED AND STOCKPILED FOR ALL TRAFFIC CONTROL AND SAFETY MEASURES DURING THE IN PERIOD, INCLUDING THE SUPPLY, INSTALLATION. CLEAN FILL TO BE PLACED IN FILL AREAS AND O'S 95% STANDARD PORCTOR DENSITY. D AREAS TO BE RESTORED TO ORGINAL CONDITION OR	ST. HILLS PR. NONTREALED BORTHULCK ALL PR. LOCATION PR. L	
TOWNSHIP FOR INSPECTION OF ROUGH GRADING OF PARKING LOTS, ROADWAYS AND LANDSCAPED TO PLACEMENT OF ASPHALT AND TOPSOIL. ALL DEFICIENCIES NOTED SHALL BE RECTIFIED TO THE SATISFACTION PRIOR TO PLACEMENT OF ANY ASPHALT, TOPSOIL, SEED & MULCH AND/OR SOD. INS AND INVERTS MUST BE VERIFIED PRIOR TO CONSTRUCTION, IF THERE IS ANY DISCREPANCY THE IS TO NOTIFY THE ENGINEER PROMPTLY. RELEPHONE AND TELEVISION SERVICE LOCATIONS SUBJECT TO THE APPROVAL AGENCY: RICAL SERVICE - HYDRO OTTAWA, HONE SERVICE - BELL CANADA, RIVICE - ENBRIDGE, HONE SERVICE - BELL CANADA, SIGON SERVICE - BELL CANADA, SIGON SERVICE - ROGERS. IT OB EIN ACCORDANCE WITH CURRENT CODES AND STANDARDS OF APPROVAL AGENCIES BELL, HYDRO OR TOWNSHIP. DO CURB SHALL BE CONCRETE BARRIER CURB UNLESS SPECIFIED. REDUNDANT PRIVATE APPROACHES FRONTING THIS DEVELOPMENT MUST BE REMOVED TO THE OF THE CITY OR TOWNSHIP. IST BE READ IN CONJUNCTION WITH GEOTECHNICAL REPORT BY HOULE CHEVRIER ENGINEERING (REF# TED MAY 18, 2016 AND SITE SERVICING REPORT BY MP (REF# CP-16-0679) DATED, JULY 25TH, 2017. ID SEDIMENT CONTROL TOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA THEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES. THIS INCLUDES LIMITING OF EXPOSED SOIL, TEMPORARY SEDIMENT TO CONTRUCTION ON ALL PROPOSED ROAD CATCHBASINS, REARYARD AND CATCHBASIN MANHOLES AND OTHER SEDIMENT TRAPS. NO RECYCLED GEOSOCK MATERIAL SHALL OF OR USE ON SITE.	CATCH BASIN MANHOLE CATCH BASIN OR DITCH INLET LANDSCAPE CATCH BASIN PERFORATED SUBDRAIN PERFORATED SUBDRAIN MH1A SANITARY MANHOLE 73,21 TYPICAL GRADE ×73.21 B/W BOTTOM OF WALL GRADE ×73.21(S) SWALE GRADE T/G 73.21 TOP OF GRATE GRADE × <i>EX.73.21</i> EXISTING GRADE (NOT SHOWN ON SURVEY) OVERLAND FLOW ROUTE 100yr PONDING Syr PONDING ×76.16 GRADE MARKER SILT FENCE	
ETION OF THE PROJECT MANAGER OR MUNICIPAL STAFF, ADDITIONAL SILT CONTROL DEVICES SHALL BE DESIGNATED LOCATIONS. E BARRIER, USE OPSD 219.110. GEOTEXTILE FOR SILT FENCE AS PER OPSS 1860, TABLE 3. DVIDED IN PARAGRAPHS 4.1., and 4.2. BELOW, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS DRITIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, SE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY HAS TEMPORARILY OR PERMANENTLY HE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY ARILY OR PERMANENTLY CEASE IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE 0.0S SOON AS FEASIBLE. ONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 21 DAYS FROM WHEN S CEASED, (E.G. THE TOTAL TIME PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS DAYS) THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF SITE BY THE 'AFTER CONSTRUCTION ACTIVITY THE PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS DAYS) THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF SITE BY THE 'AFTER CONSTRUCTION ACTIVITY THE PERIOD RARILY CEASED. AT IS ACCUMULATED BY THE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE A MANNER THAT AVOIDS ESCAPE OF THE SEDIMENT TO THE DOWNSTREAM SIDE OF THE CONTROL ON ANORE THAT AVOIDS ESCAPE OF THE SEDIMENT TO THE DOWNSTREAM SIDE OF THE LEVEL OF THE VG AT THE TIME THE CONTROL MEASURE WAS CONSTRUCTED AND BE ACCORDING TO THE FOLLOWING: T-DUTY SEDIMENT BARRIERS, ACCUMULATED SEDIMENT SHALL BE REMOVED ONCE IT REACHES THE 'THE FOLLOWING: PTH OF ONE-HALF THE EFFECTIVE HEIGHT OF THE CONTROL MEASURE. PTH OF 300 MM IMMEDIATELY UPSTREAM OF THE CONTROL MEASURE. PTH OF 300 MM IMMEDIATELY DESTREAM OF THE CONTROL MEASURE. LATED SEDIMENT SHALL BE REMOVED AND DISPOSED OF AS PER OPSS 180. RY EROSION AND SEDIMENT SHALL BE REMOVED AS NECESSARY TO PERFORM ANCE REPAIRS. LATED SEDIMENT SHALL BE REMOVED AND DISPOSED OF AS PER OPSS 180. RY EROSION AND SEDIMENT CONTROL MEASURES SHALL		2017
AND FOLLOWING A STORM EVENT. IL MEASURES SHOULD BE CONSIDERED PRIOR TO CLEARING AND GRADING. THE USE OF WATER, CALCIUM KES/SOLUTION OR MAGNESIUM CHLORIDE FLAKES/SOLUTION SHALL BE USED AS DUST SUPPRESSANTS AS THIS IS TO LIMIT WIND EROSION OF SOILS WHICH MAY TRANSPORT SEDIMENTS OFFSITE, WHERE THEY IED INTO THE RECEIVING WATER BY THE NEXT RAINSTORM. REAS' TO BE TREATED WITH 150mm TOPSOIL AND SOD AS SOON AS FEASIBLE, AS PER OPSS 570. E STRIPPED AND STOCKPILED FOR REHABILITATION. CLEAN FILL TO BE PLACED IN FILL AREAS AND TO 95% STANDARD PROCTOR DENSITY. D AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER UNLESS OTHERWISE SPECIFIED. MATERIAL IS TO BE STORED AWAY FROM POTENTIAL RECEIVERS (E.G. STORM CATCHBASINS, MANHOLES), DUNDED BY EROSION CONTROL MEASURES WHERE MATERIAL IS LEFT IN PLACE IN EXCESS OF 14 DAYS. DEWATERING/SETTLING BASINS SHALL BE CONSTRUCTED AS PER OPSD 219.240 AND LOCATED ON FLAT EAM OF OTHER EXISTING MITIGATION MEASURES. WATERCOURSES SHALL NOT BE DIVERTED, OR D TEMPORARY WATERCOURSES CROSSINGS SHALL NOT BE CONSTRUCTED OR UTILIZED, UNLESS DEWATERING/SETTLING MASURES SHALL NOT BE CONSTRUCTED OR UTILIZED, UNLESS DEVENTER ANY STRANDED FISH TO THE OPEN PORTION OF THE WATERCOURSE WITHOUT HARM. AND SEDIMENT CONTROL MEASURES SHALL CONFORM TO OPSS 577 TERING IS REQUIRED, THE DISCHARGED WATER SHALL BE CONTROLLED IN ACCORDANCE WITH OPSS 518. (FILTRATION BASINS SHALL BE EQUIPPED WITH TERRAFIX 270R GEOTEXTILE (OR APPROVED EQUIVALENT) CLEANED AND REPLACED AS REQUIRED.	0 2 4 6 8 10 Metres Mcint of Starp (N KOA 110) 115 Walgreen Road, RR3, Carp, ON KOA 110 Tel: 613-836-2184 Fax: 613-836-3742 www.mcintoshperry.com	
	Client: ADIB SAAD 6039 RIVERCREST DRIVE ORLEANS, ON K1C 7N4 Project: 630 CUMMINGS AVENUE APARTMENT ADDITION OTTAWA ONTA Drawing Title: LOT GRADING, DRAINAGE, SEDIMENT AND EROSION CONTROL PLAN	ARIO
	Scale: 1:150 Drawn by: CDH Checked By: RPK Designed By: CDH Date: JULY 17, 2017 Project Number: CP-16-067 CP-16-07 CP-16-07 CP-16-07 CP-16-07 CP-16-07 CP-16-07 CP-16-07 CP-16-07 CP	