HAWTHORNE ROAD

SUBJECT TO ROAD
MODIFICATION AGREEMENT
(RMA)

GAS PUMPS

CANOPY OVERHEAD

ONE STOREY GAS BAR /
CONVENIENCE STORE /
FAST FOOD

FF=84.87
USF=83.22

DRIVE
THRU
WINDOW

SUBJECT TO ROAD
MODIFICATION AGREEMENT
(RMA)

HUNT CLUB ROAD

Stantec

KEY PLAN
N.T.S.

Legend

PROPOSED MUD MAT LOCATION

PROPOSED CATCHBASIN PROTECTION AS PER DETAIL

PROPOSED SILT FENCE BOUNDARY AS PER OPSD 219.110

CURB RETURN ENTRANCES

CURB RETURN AT A PRIVATE OR COMMERCIAL ENTRANCE – UNSIGNALIZED INTERSECTION

COMMERCIAL ENTRANCE OR CURB RETURN PRIVATE ENTRANCE AT A CONTROLLED INTERSECTION

CURB RETURN AT A PRIVATE OR COMMERCIAL ENTRANCE WITH BOULEVARD – UNSIGNALIZED INTERSECTION

COMMERCIAL ENTRANCE OR CURB RETURN PRIVATE ENTRANCE WITH BOULEVARD – AT A CONTROLLED INTERSECTION

Ottawa   DWG. No.: SC7.1

CONCRETE BARRIER CURB

CONCRETE BARRIER CURB FOR GRANULAR BASE PAVEMENT (MODIFIED OPSD-600.110)
Ottawa   DWG. No.: SC1.1

TYPICAL CONCRETE SIDEWALK IN BOULEVARD
Ottawa   DWG. No.: SC4

TWSI DETAIL
Ottawa   DWG. No.: SC7.3

SECTION A-A / LIGHT DUTY SILT FENCE BARRIER
OPSD – 219.110

MEDIAN/STEP JOINT DETAIL
SCALE N.T.S.

TYPICAL SECTION - TRANSITION BETWEEN DIFFERING PAVEMENT STRUCTURES
SCALE N.T.S.

BARRIER CURB END TREATMENT

CONNECTION WITHOUT VERTICAL RISER

VERTICAL RISER

SEWER SERVICE CONNECTIONS FOR FLEXIBLE MAIN SEWER PIPE (MODIFIED OPSD-1006.020)
Ottawa   DWG. No.: S11.1

STANDARD TRENCH REINSTATMENT IN PAVED SURFACE
Ottawa   DWG. No.: R10

WATERMAIN CROSSING BELOW SEWER
Ottawa   DWG. No.: W25

MUD MAT ENTRANCE DETAIL
SCALE N.T.S.

10m – 50mm⌀ CLEARSTONE
10m – 150mm⌀ CLEARSTONE
300mm THICK (MIN.) C/W GEOTEXTILE UNDERLAY
HARD SURFACE PUBLIC ROAD

ROADSIDE CATCH BASIN PROTECTION DETAIL:TERRAFIX SILTSACK
SCALE:N.T.S.

CATCH BASIN GRATE
INSERT 1" REBAR FOR BAG REMOVAL FROM INLET.
CATCH BASIN

Best Management Practices

CONTRACTOR TO PROVIDE EROSION AND SEDIMENT CONTROLS (BEST MANAGEMENT PRACTICES) DURING CONSTRUCTION OF THIS PROJECT.

EROSION MUST BE MINIMIZED AND SEDIMENTS MUST BE REMOVED FROM CONSTRUCTION SITE RUN-OFF IN ORDER TO PROTECT DOWNSTREAM AREAS. DURING ALL CONSTRUCTION, EROSION AND SEDIMENTATION SHOULD BE CONTROLLED BY THE FOLLOWING TECHNIQUES:

1. LIMIT THE EXTENT OF EXPOSED SOILS AT ANY GIVEN TIME.
2. REVEGETATE EXPOSED AREAS AND SLOPES AS SOON AS POSSIBLE.
3. MINIMIZE AREA TO BE CLEARED AND GRUBBED.
4. PROTECT EXPOSED SLOPES WITH PLASTIC OR SYNTHETIC MULCHES.
5. INSTALL FILTER CLOTH BETWEEN FRAME AND COVER ON ALL PROPOSED CATCH BASINS AND CATCH BASIN MANHOLES AND ON ALL EXISTING CATCH BASINS THAT WILL RECEIVE RUN-OFF FROM THE SITE.
6. A SILT FENCE SHALL BE INSTALLED AROUND THE PERIMETER OF ALL AND ANY STOCKPILES OF MATERIAL TO BE USED OR REMOVED FROM SITE. (LOCATION TO BE DETERMINED)
7. A VISUAL INSPECTION SHALL BE DONE DAILY ON SEDIMENT CONTROL MEASURES AND CLEANED OF ANY ACCUMULATED SILT AS REQUIRED. THE DEPOSITS WILL BE DISPOSED OFF SITE AS PER THE REQUIREMENTS OF THE CONTRACT.
8. SEDIMENT CONTROL BARRIERS MAY ONLY BE REMOVED TEMPORARILY WITH APPROVAL OF CONTRACT ADMINISTRATOR TO ACCOMMODATE CONSTRUCTION OPERATIONS. ALL AFFECTED BARRIERS MUST BE REINSTATED AT NIGHT WHEN CONSTRUCTION IS COMPLETED. NO REMOVAL WILL OCCUR IF THERE IS A SIGNIFICANT RAINFALL EVENT ANTICIPATED (>10mm) UNLESS A NEW DEVICE HAS BEEN INSTALLED TO PROTECT THE EXISTING STORM AND SANITARY SEWER SYSTEMS.
9. NO REFUELING OR CLEANING OF EQUIPMENT IS PERMITTED NEAR ANY EXISTING WATERWAY.
10. CONTRACTOR SHALL REMOVE SEDIMENT CONTROL MEASURES WHEN, IN THE OPINION OF THE CONTRACT ADMINISTRATOR, THE MEASURE(S) IS NO LONGER REQUIRED. NO CONTROL MEASURES SHALL BE PERMANENTLY REMOVED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE CONTRACT ADMINISTRATOR.
11. THE CONTRACTOR SHALL PERIODICALLY, OR WHEN REQUESTED BY THE CONTRACT ADMINISTRATOR, CLEAN OUT ACCUMULATED SEDIMENTS AS REQUIRED.
12. THE CONTRACTOR SHALL IMMEDIATELY REPORT TO THE ENGINEER ANY ACCIDENTAL DISCHARGES OF SEDIMENT MATERIAL INTO THE WATERCOURSE. APPROPRIATE RESPONSE MEASURES, INCLUDING ANY REPAIRS TO EXISTING CONTROL MEASURES OR THE IMPLEMENTATION OF ADDITIONAL CONTROL MEASURES, SHALL BE CARRIED OUT BY THE CONTRACTOR WITHOUT DELAY.

5	REVISED AS PER CITY COMMENTS	AJ	KJK	18.08.30
4	REVISED AS PER SITE PLAN	MJS	KJK	17.12.21
3	REVISED AS PER CITY COMMENTS	WAJ	KJK	17.10.27
2	REVISED AS PER CITY COMMENTS	WAJ	KJK	17.10.03
1	ISSUED FOR REVIEW	WAJ	KJK	17.04.06
Revision		By	Appd.	YY.MM.DD

| File Name: 160401284-D6 | WAJ | KJK | WAJ | 17.03.06 |
| | Dwn. | Chkd. | Dsgn. | YY.MM.DD |

Permit-Seal

Client/Project
2520333 ONTARIO INC.

PROPOSED COMMERCIAL DEVELOPMENT
3500 HAWTHORNE ROAD
OTTAWA, ON

Title
EROSION CONTROL PLAN
AND DETAIL SHEET

| Project No. | Scale |
| 160401284 | 1:200 |

| Drawing No. | Sheet | Revision |
| EC-1 | 3of 5 | 5 |

D07-12-17-0043

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