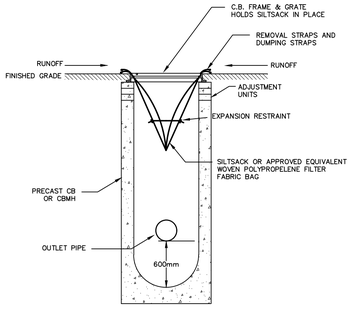
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CONSTRUCTION MANAGEMENT PLAN
P:\P\45401\100\45401-100-C2

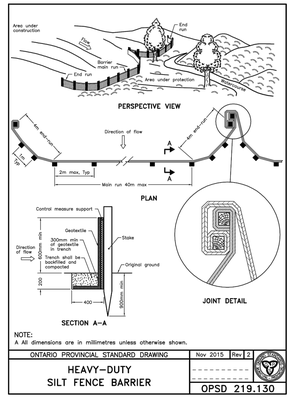


MAINTENANCE SCHEDULE

–INSPECT AFTER EVERY MAJOR RAIN EVENT.
–INSPECT EVERY 3 WEEKS MINIMUM.
–SILTSACK SHOULD NEVER BE OVER HALF FULL.
–FULL BAG CAN BE REMOVED, DUMPED, CLEANED AND REUSED
(TO REMOVE INSERT 25mm REBAR INTO REMOVAL FLAP POCKETS)
(TO DUMP INSERT 25mm REBAR INTO BOTH DUMPING STRAPS)

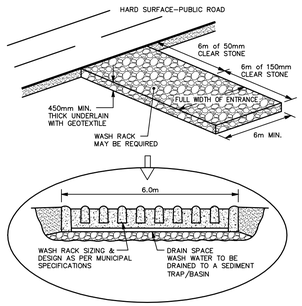
TEMPORARY SILTSACK SILTATION CONTROL IN CB

N.T.S.



NOTE:
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2015	Rev 2
HEAVY–DUTY SILT FENCE BARRIER		OPSD 219.130



CONSTRUCTION ACCESS DETAIL

N.T.S.

CONSTRUCTION NOTES AND SPECIFICATIONS

1. GENERAL NOTES

1.1. CONSTRUCTION FENCING IS REQUIRED AROUND THE CONSTRUCTION SITE.

1.2. TRADES PARKING AND TRUCK STAGING WILL BE PROVIDED BY THE ADJACENT PARKING LOT ON WATERFRONT TRAIL. DEVELOPER WILL APPLY FOR ANY RELEVANT PERMITS PRIOR TO CONSTRUCTION.

1.3. ALL HEALTH AND SAFETY RELATED SIGNAGE MUST BE POSTED AT THE SITE AS REQUIRED BY APPLICABLE LAW AND BEST MANAGEMENT PRACTICES.

1.4. CONTRACTOR TO ENSURE SIDEWALK AND BIKE PATHS ARE MAINTAINED AND SAFE PEDESTRIAN ACCESS IS PROVIDED THROUGHOUT DURATION OF CONSTRUCTION.

1.5. CONTRACTOR TO ENSURE DAILY SWEEPING AND DUST CONTROL OF THE RIGHT OF WAY.

1.5 CONTRACTOR TO PROVIDE CONSTRUCTION STAGING PLAN TO THE PRIME CONSULTANT AND THE CITY FOR ACCEPTANCE BY THE CITY PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. SIGNIFICANT DEVIATIONS FROM THIS PLAN WILL NOT BE ACCEPTED WITHOUT PERMISSION FROM THE CITY. ANY CONSTRUCTION HOARDING OR FENCING AROUND THE SITE MUST COMPLY WITH OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS, INCLUDING O. REG. 213/91 S. 65, AS AMENDED.

1.6 CONTRACTOR TO IDENTIFY IN THE UPDATED CONSTRUCTION STAGING PLAN UNLOADING/LOADING AREAS, TRADE/SUBTRADE PARKING, ONSITE TRAFFIC FLOW DIRECTIONS, TOWER CRANE AND/OR WHEELED CRANE DESIGNATED AREAS, LOCATION OF PROJECT SIGN CONTAINING 24–HR EMERGENCY CONTACT NAME & TELEPHONE NUMBER, LOCATION OF SITE TRAILER(S), MATERIAL STOCKPILES, AND OTHER DETAILS THAT MAY BE REQUESTED BY THE CITY.

1.6. FOR EMERGENCY RESPONSE, CONTRACTOR MUST MAINTAIN CONSTRUCTION ACCESS FREE AND CLEAR OF DEBRIS, MATERIALS, VEHICLES AND EQUIPMENT.

1.7. A TRAFFIC CONTROL PLAN BASED ON ONTARIO TRAFFIC MANUAL (OTM) BOOK 7 SHALL BE COMPLETED FOR ANY WORK WITHIN THE RIGHT OF WAY AND APPROVED BY THE CITY. A COPY IS TO BE MAINTAINED ON SITE AT ALL TIMES.

1.8. STOCKPILE LOCATION TO BE REFINED DURING THE CONSTRUCTION STAGE. THE CONTRACTOR TO ENSURE THE STOCKPILE IS COMPLETELY SURROUNDED BY HEAVY DUTY SILT FENCE AND IF SCHEDULED TO BE LEFT UNDISTURBED FOR MORE THAN 3 DAYS THE STOCKPILE MUST BE STABILIZED WITH SEED.

1.9. THE ESC STRATEGIES OUTLINED ON THE PLANS ARE NOT STATIC AND MAY NEED TO BE UPGRADED/AMENDED AS SITE CONDITIONS CHANGE TO PREVENT SEDIMENT RELEASES TO THE NATURAL ENVIRONMENT. FAILED ESC MEASURES WILL BE REPAIRED IMMEDIATELY.

1.10. ALL DAMAGED ESC MEASURES SHOULD BE REPAIRED AND/OR REPLACED WITHIN 48 HOURS OF THE INSPECTION.

1.11. DISTURBED AREAS LEFT FOR 30 DAYS OR LONGER MUST BE STABILIZED (SEED, SOD, COVER WITH EROSION CONTROL BLANKET).

1.12. 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 AND MAINTAIN IN GOOD CONDITION UNTIL CONSTRUCTION IS COMPLETED AND VEGETATIVE COVER IS ESTABLISHED.

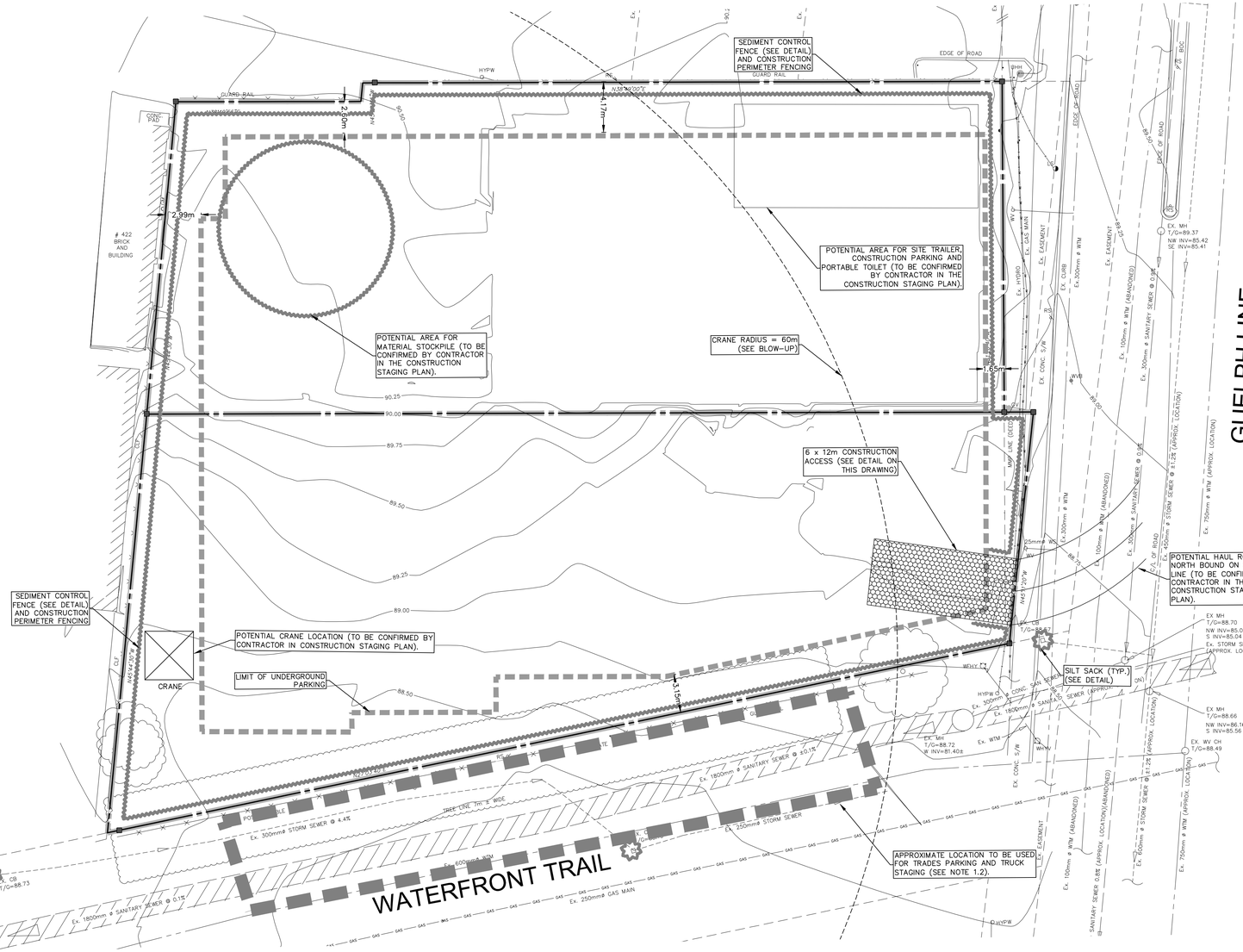
1.13. TEMPORARY VEHICLE TRACKING CONTROLS TO BE CONSTRUCTED AS PER REQUIREMENTS IN "EROSION & SEDIMENT CONTROL GUIDELINE FOR URBAN CONSTRUCTION" DATED DECEMBER 2006, AT ALL ACCESS POINTS. CONTRACTOR SHALL MAINTAIN THESE AS REQUIRED AND AS DIRECTED BY THE CITY ENGINEER.

1.14. CATCH BASIN SEDIMENT CONTROL DEVICE, I.E. "SILTSACK" BY ACF 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 BASINS LOCATIONS IN AREAS TO BE VEGETATED AND MAINTAINED UNTIL GROUND COVER IS ESTABLISHED.

1.15. 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.

1.16. INSPECTION OF THE PROPOSED EROSION AND SEDIMENT CONTROL MEASURES WILL OCCUR;

- ON A WEEKLY BASIS,
- AFTER EVERY SIGNIFICANT RAINFALL EVENT,
- AFTER SIGNIFICANT SNOWMELT EVENTS, AND
- DAILY DURING EXTENDED RAIN OR SNOWMELT PERIODS.



LEGEND OF PROPOSED FEATURES

- SEDIMENT CONTROL FENCE (SEE DETAIL)
- SILT SACK (SEE DETAIL)
- CONSTRUCTION ACCESS (SEE DETAIL)



CRANE SWING RADIUS BLOW–UP

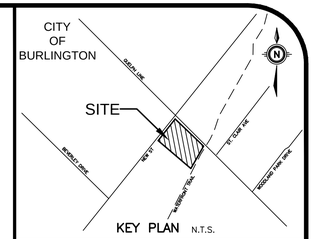
SCALE: 1:750

NOTES TO CONTRACTOR:

1. 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.

2. 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 AND REPORT FINDINGS TO MTE. SHOULD THE CONTRACTOR PROCEED WITHOUT COMPLETING THESE LOCATES, EXTRA COSTS RESULTING FROM DELAYS AND STANDBY TIME WILL NOT BE CONSIDERED.

3. SHOP DRAWINGS
CONTRACTOR TO PROVIDE SHOP DRAWINGS TO THE ENGINEER FOR REVIEW AND APPROVAL FOR ALL CHAMBERS AND STRUCTURES PRIOR THE START OF CONSTRUCTION AND PRIOR TO ORDERING ANY STRUCTURES AND PARTS.



KEY PLAN N.T.S.

GEODETIC BM ELEV. = 80.809m
CITY OF BURLINGTON BENCHMARK No. 273
BRASS CAP IN TOP OF CURB AT THE NORTHERLY END OF THE RAMP LOCATED AT THE SOUTHEAST CORNER OF THE INTERSECTION OF LAKESHORE ROAD AND GUELPH LINE. THE MONUMENT IS LOCATED 5.5 METRES FROM THE END OF THE CURB RETURN ON THE SOUTHEAST CORNER OF THE INTERSECTION, 2.68 METRES FROM A NAIL IN THE FACE OF A WOODEN HYDRO POLE (TRAFFIC SIGNAL POLE) ON THE SOUTHEAST CORNER, AND 19.2 METRES FROM A WOODEN HYDRO POLE (TRAFFIC SIGNAL POLE) ON THE SOUTHWEST CORNER OF THE INTERSECTION.

SITE BENCHMARK ELEV. = m

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.

No.	REVISION	BY	DATE
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4.			
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2.			
1.	ISSUED FOR ZBA	KRR	DEC.06/2019

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LICENSED PROFESSIONAL ENGINEER K.R.RAMSEWAK 100100928 DEC 6/19 PROVINCE OF ONTARIO

NOT FOR CONSTRUCTION

CLIENT
WALDEMAR LIMITED
3410 SOUTH SERVICE ROAD, SUITE G5 BURLINGTON, ON

PROJECT
418 & 422 GUELPH LINE
13 STOREY APARTMENT BUILDING
418 & 422 GUELPH LINE BURLINGTON, ON

DRAWING
CONSTRUCTION MANAGEMENT PLAN

Project Manager	K. RAMSEWAK	Project No.	45401-100
Design By	ALP	Checked By	KRR
Drawn By	GXS/RNC	Checked By	ALP
Surveyed By	OTHERS	Drawing No.	C1.1
Date	Feb.08/19		
Scale	1:200	Sheet 1 of 5	

December 6, 2019 – 5:36 p.m. – Plotted By: rzhou