

- CONSTRUCTION STAGING AND REQUIRED MEASURES**
- CLEARING AND GRUBBING**
 - CONSTRUCTION HOARDING
 - MUD MAT
 - ROUGH GRADING AND SERVICING**
 - CONSTRUCTION HOARDING
 - MUD MAT
 - SWALES AND CHECK DAMS
 - STREET AND BUILDING CONSTRUCTION**
 - CONSTRUCTION HOARDING
 - MUD MAT
 - SWALES AND CHECK DAMS
 - CATCHBASIN BUFFERS
 - SITE COMPLETION**
 - DECOMMISSION ALL SEDIMENT CONTROL MEASURES - RESTORE ALL DISTURBED AREAS
 - PERMANENT WATER QUALITY WORKS

CONSTRUCTION SCHEDULE:

GRADING -	TO BE
UNDERGROUND SERVICING -	CONFIRMED
ROADWORKS (BASE) -	
ROADWORKS (TOP) -	

- LEGEND:**
- TEMPORARY SILT FENCE (SEE DETAIL)
 - MUD MAT (SEE DETAIL)
 - ROCKFILL CHECK DAM (SEE DETAIL)
 - CATCHBASIN SILT SACK (SEE DETAIL)
 - TEMPORARY SWALE (LENGTH OF SWALE AS REQUIRED AND ALL SWALE TO BE MIN. 0.3m BELOW ROUGH GRADE; MINIMUM = 0.50%, MAXIMUM = 4.00%)

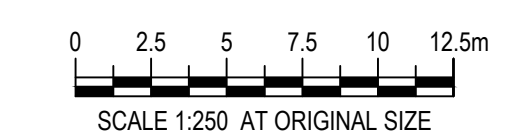


KEY PLAN
N.T.S.

No.	Revision	Drawn	Job Manager	Project Director	Date

Drawing Revisions
Note: * indicates signatures on original issue of drawing or last revision of drawing

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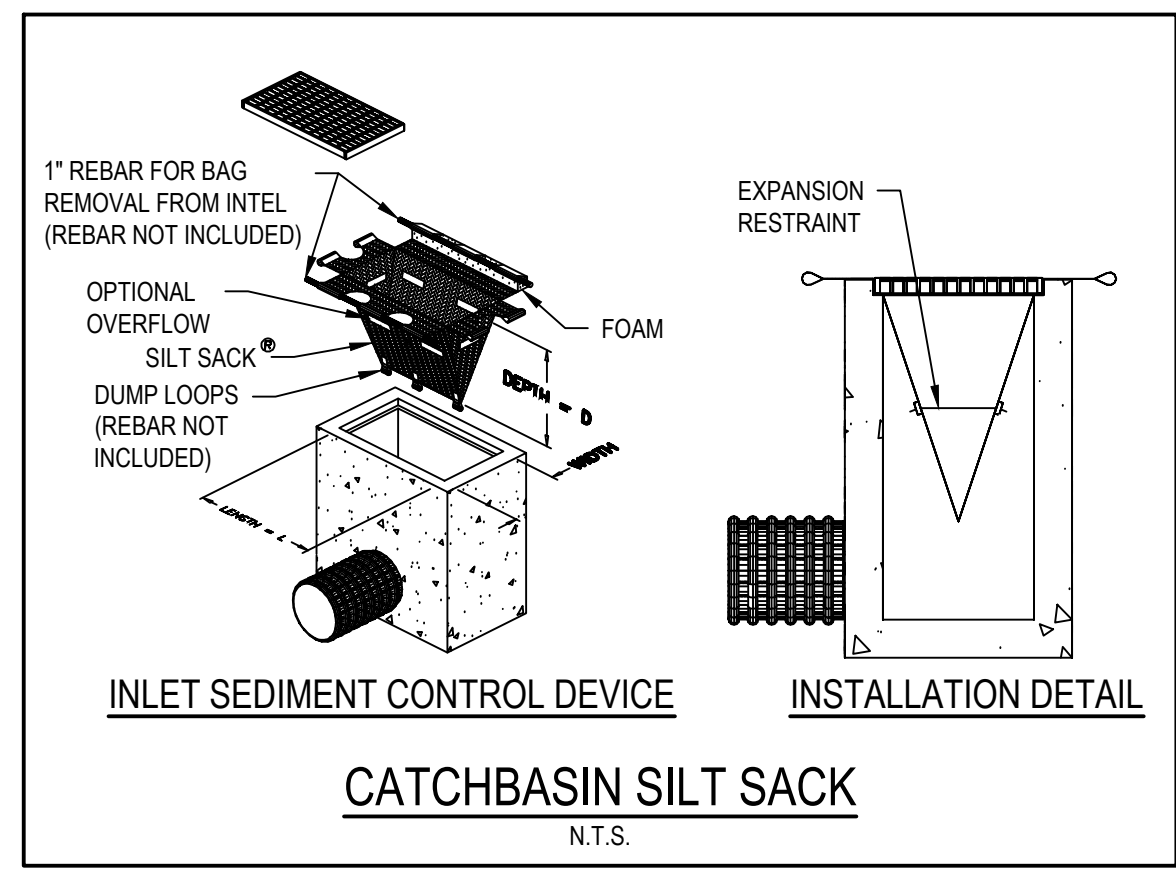
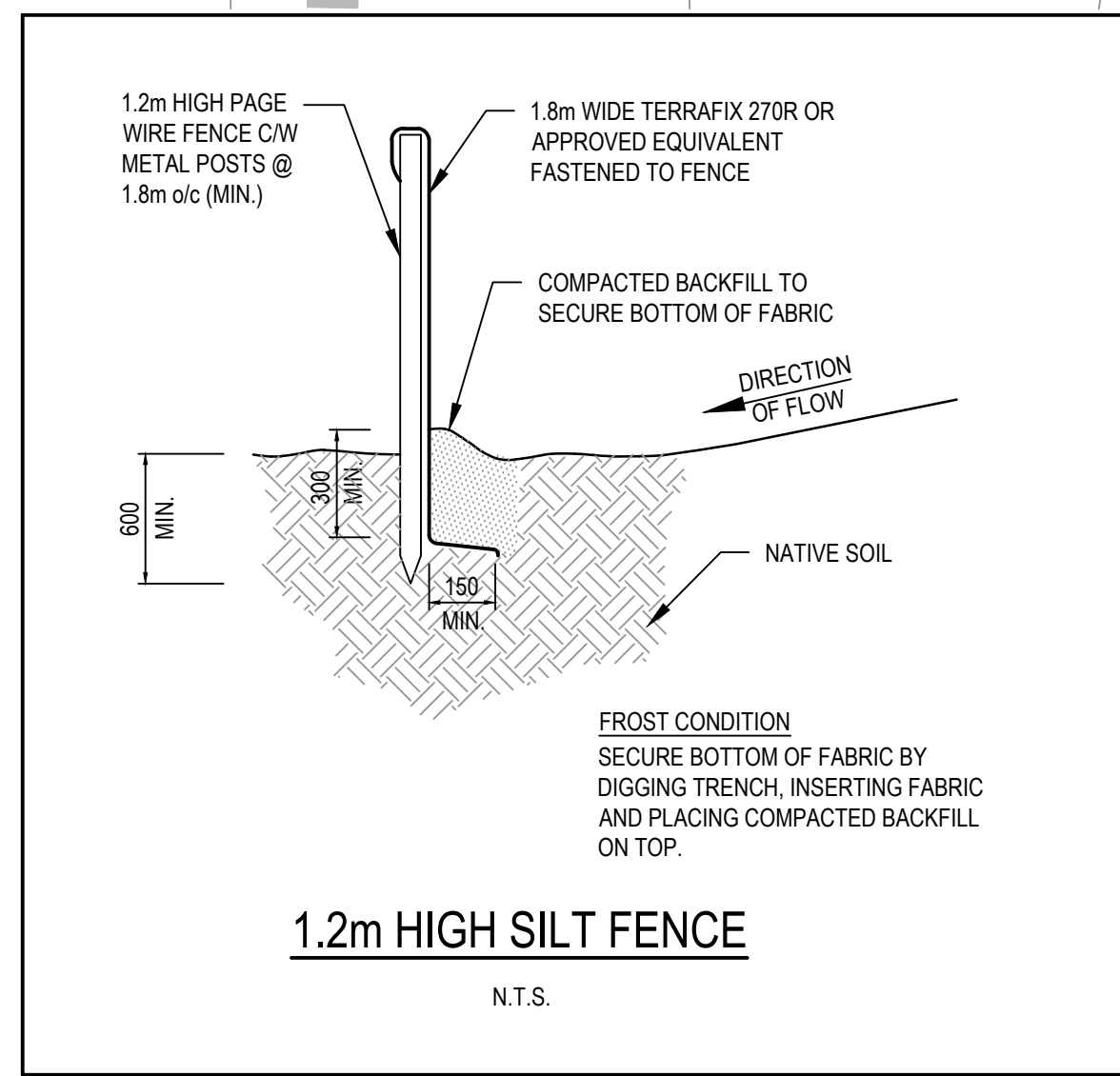
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Client **OAK HILL INVESTMENTS**
Project **467-471 ROSEBANK ROAD**

Title **FUNCTIONAL EROSION CONTROL AND CONSTRUCTION MANAGEMENT PLAN**

Scale	AS SHOWN	<p>DO NOT SCALE</p>
Drawn	M. BROWN	
Designer	M. BROWN	
Drafting Check	G. BECKER	
Design Check	G. BECKER	
Approved (Project Director)		
Date		

This Drawing must not be used for Construction unless signed as Approved
Drawing No. **11178578-ERS** Original Size **Arch D**
Rev. **A**



TREE PRESERVATION NOTES:

- ALL EXISTING TREES TO REMAIN ON SITE, OR ON ADJACENT PROPERTIES WHICH MAY BE AFFECTED, SHALL BE PROTECTED WITH HOARDING, I.E. PROTECTIVE FENCING, ERECTED BEYOND THEIR 'DRIP LINE' PRIOR TO THE COMMENCEMENT OF SITE CLEARING AND STRIPPING, TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT AND THE LOCAL AUTHORITY. GROUPS OF TREES AND OTHER EXISTING PLANTINGS TO BE PROTECTED SHALL BE TREATED IN A LIKE MANNER WITH HOARDING AROUND THE ENTIRE CLUMPS. AREAS WITHIN THE PROTECTIVE FENCING SHALL REMAIN UNDISTURBED AND SHALL NOT BE USED FOR THE STORAGE OF BUILDING MATERIALS, STRUCTURES OR EQUIPMENT. THIS SHALL BE COMPLETED PRIOR TO THE COMMENCEMENT OF SITE CLEARANCE, DEMOLITION, OR ANY TYPE OF CONSTRUCTION.
- NO CABLES OF ANY TYPE SHALL BE WRAPPED AROUND OR INSTALLED IN TREES. SURPLUS SOIL, EQUIPMENT, VEHICLES, DEBRIS OR MATERIALS SHALL NOT BE PLACED OVER ROOT SYSTEMS OF THE TREES WITHIN THE PROTECTIVE FENCING. NO CONTAMINANTS WILL BE DUMPED OR FLUSHED WHERE FEEDER ROOTS OF TREES EXIST.
- THE DEVELOPER OR THEIR AGENTS SHALL TAKE EVERY PRECAUTION NECESSARY TO PREVENT DAMAGE TO TREES OR SHRUBS TO BE RETAINED.
- WHERE LIMBS OR PORTIONS OF TREES ARE REMOVED TO ACCOMMODATE CONSTRUCTION WORK, THEY WILL BE REMOVED CAREFULLY IN ACCORDANCE WITH THE ACCEPTED ARBORICULTURAL PRACTICE. MEASURES SHALL BE TAKEN TO PREVENT ANY FURTHER DAMAGE.
- WHERE ROOT SYSTEMS OF PROTECTED TREES ARE EXPOSED OR DAMAGED BY CONSTRUCTION WORK, THEY SHALL BE TRIMMED NEATLY AND THE AREA BACKFILLED WITH APPROPRIATE MATERIAL TO PREVENT DESICCATION. WHERE NECESSARY, THE TREES WILL BE GIVEN AN OVERALL PRUNING TO RESTORE THE BALANCE BETWEEN ROOTS AND TOP GROWTH OR TO RESTORE THE APPEARANCE OF THE TREES.
- IF GRADES AROUND TREES TO BE PROTECTED ARE LIKELY TO CHANGE, THE OWNER SHALL BE REQUIRED TO TAKE SUCH PRECAUTIONS AS DRY WELLING, RETAINING WALLS AND ROOT FEEDING TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT AND THE LOCAL AUTHORITY.

GOOD HOUSEKEEPING MEASURES-MUDDUST CONTROL

- NO CONSTRUCTION ACTIVITY OR MACHINERY SHALL INTRUDE BEYOND THE SILT/SNOW FENCE OR LIMIT OF SUBDIVISION. ALL CONSTRUCTION VEHICLES SHALL LEAVE THE SITE AT DESIGNATED LOCATIONS AS SHOWN ON THE PLANS.
- DUST CONTROL TO BE REVIEWED DAILY. WATER TRUCK TO BE PROVIDED ON-SITE AND ALL HAUL ROADSWORKING AREAS TO BE SPRAYED WITH WATER AS REQUIRED TO ENSURE DUST IS CONTROLLED ON-SITE.
- ALL EXPOSED SOILS SHALL IMMEDIATELY BE STABILIZED WITH A SEED AND MULCH APPLICATION AS DIRECTED BY THE ENGINEER.
- STOCKPILES SHALL BE SET BACK FROM ANY WATERCOURSE AND STABILIZED AGAINST EROSION AS SOON AS POSSIBLE. A SET BACK OF AT LEAST 15m FROM ANY TOP OF BANK, OR WATERCOURSE IS REQUIRED.
- CLEANING AND REPAIRS OF CHECK DAMS, MUD MATS AND ANY OTHER TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE DONE AS NECESSARY THROUGH REGULAR INSPECTION OR AS DIRECTED BY THE ENGINEER.
- SEDIMENT/SILT SHALL BE REMOVED FROM THE SEDIMENT CONTROL DEVICES, AFTER STORM EVENTS AND DISPOSED OF IN AREAS AS APPROVED BY THE ENGINEER.
- ALL REGRADED AREAS WITHIN THE SITE WHICH ARE NOT OCCUPIED BY DWELLINGS, ROADWAYS, SIDEWALKS OR DRIVEWAYS SHALL BE TOPSOILED AND SODDED/SEEDED IMMEDIATELY AFTER COMPLETION OF FINAL GRADING OPERATIONS AS DIRECTED BY THE ENGINEER.
- CLEANING OF EXISTING ROAD(S) AT SITE ACCESS POINTS AND SITE DUST MONITORING SHALL BE DONE DAILY DURING CONSTRUCTION OR AS NECESSARY THROUGH REGULAR INSPECTION OR AS DIRECTED BY THE ENGINEER.
- ALL LITTER AND DEBRIS SHALL BE MONITORED AND DISPOSED OF DAILY OR AS NECESSARY THROUGH REGULAR INSPECTION. ALL CONCERNS SHOULD BE DIRECTED TO:
- EMERGENCY CONTACT TO BE PROVIDED
- ALL WORK IS TO BE CONDUCTED DURING DAILY WORKING HOURS SPECIFIED IN CITY OF PICKERING BY-LAWS.
- SPILL RESPONSE AND EMERGENCY CONTACTS : TO BE PROVIDED

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION, MAINTENANCE AND REMOVAL OF ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION, AS DIRECTED BY THE ENGINEER. THE CONTRACTOR MUST COMPLETE WEEKLY INSPECTIONS AS WELL AS AFTER RAINFALL EVENTS AND MAKE ANY NECESSARY REPAIRS.
- ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED AND SHALL BE DETERMINED BY THE ENGINEER.
- THE LOCATION OF EROSION AND SEDIMENT CONTROL DETAILS ARE SHOWN SCHEMATICALLY ON THIS DRAWING.
- CATCHBASIN BUFFERS TO BE PLACED ON ALL CATCHBASINS UPON COMPLETION OF SERVICING.
- INSPECTION OF EROSION CONTROLS AND REPAIRS TO BE DONE IMMEDIATELY ON ANY IDENTIFIED PROBLEMS.
- BEFORE PROCEEDING WITH ANY AREA GRADING, CONSTRUCT THE FOLLOWING:
 - MUD MAT WHERE INDICATED AS PER DETAIL
 - CONSTRUCTION HOARDING TO BE IN PLACE PRIOR TO INITIATION OF TOPSOIL STRIPPING OR PRE-GRADING OPERATIONS
- ROCK CHECK DAMS ARE TO BE USED IN ANY TEMPORARY DRAINAGE DITCHES REQUIRED DURING THE CONSTRUCTION PERIOD AS DIRECTED BY THE ENGINEER.
- ALL EROSION CONTROLS ARE TO BE INSPECTED REGULARLY AND CLEARED OR REPLACED, AS REQUIRED.
- EROSION CONTROLS ARE TO BE KEPT IN PLACE AND FUNCTIONAL UNTIL THE SITE IS STABILIZED (LOT GRADING AND SODDING COMPLETE).
- SERVICING OF CONSTRUCTION EQUIPMENT ON SITE IS PROHIBITED.
- MEASUREMENTS IN METRES AND/OR MILLIMETRES UNLESS OTHERWISE SHOWN.
- FUTURE PHASE AREAS DISTURBED SHOULD BE STABILIZED BY SEEDING.
- ALL EXCAVATED MATERIALS ARE TO BE DISPOSED OFF SITE.
- A CATCH BASIN CLEANING PROGRAM WILL BE ESTABLISHED DURING THE CONSTRUCTION OF THE SITE.

