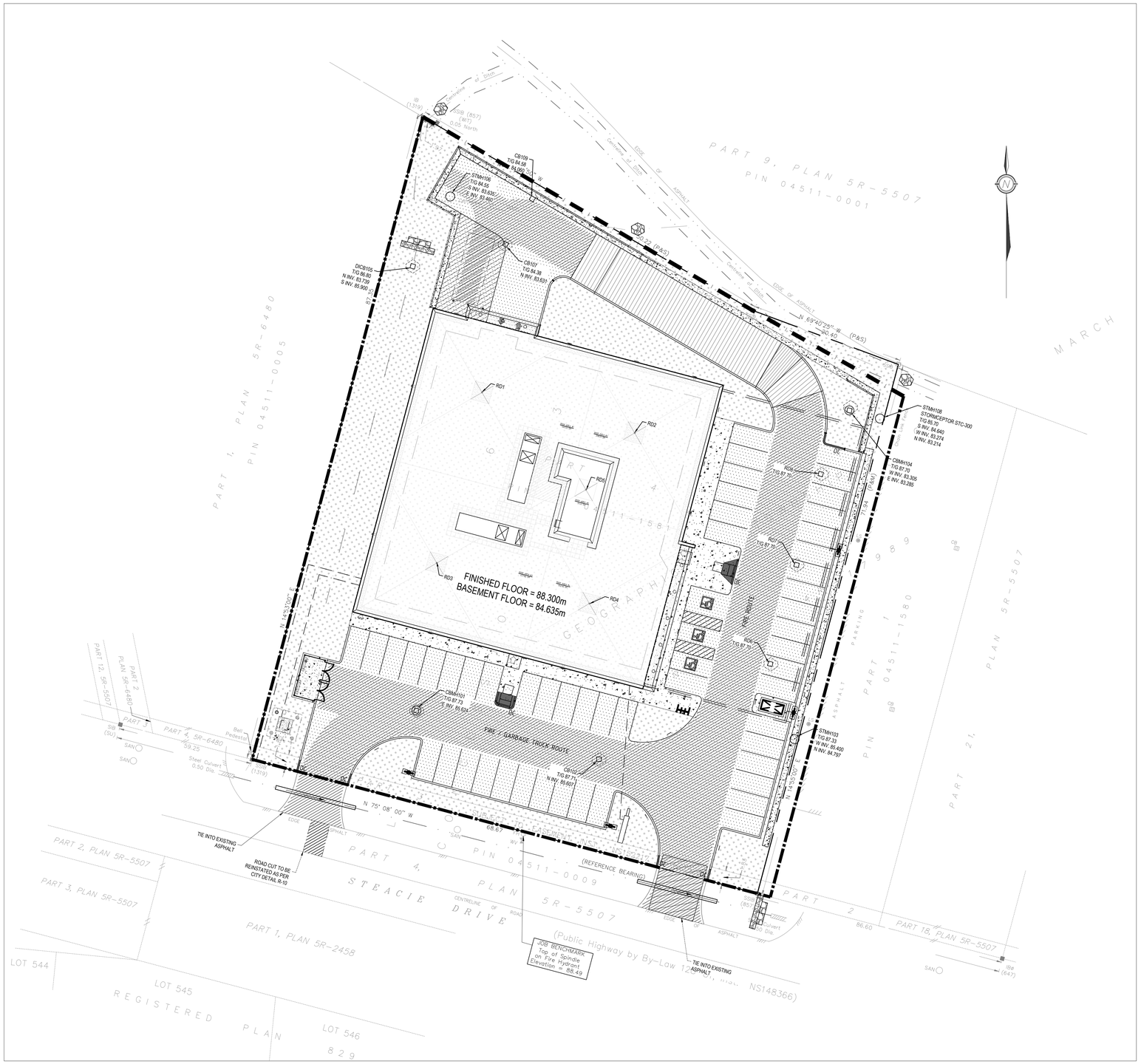

1 / C-05 EROSION AND SEDIMENT CONTROL PLAN

SCALE= 1:250

0 5m 10m 20m 25m

SCALE: 1:250

LEGEND

- LIGHT DUTY SILT FENCE AS PER OPSD-219.110
- HEAVY DUTY SILT FENCE AS PER OPSD-219.113
- SNOW FENCE
- ROCK CHECK DAM AS PER OPSD-219.211
- STRAW BALE CHECK DAM AS PER OPSD-219.180
- FILTER CLOTH PLACED UNDER CB AND CBMH COVER
- TEMPORARY MUD MAT 0.15m THICK 50mm CLEAR STONE ON NON WOVEN FILTER CLOTH

NOTES: EROSION AND SEDIMENT CONTROL

1. PRIOR TO START OF CONSTRUCTION:

1.1. INSTALL SILT FENCE ALONG THE PERIMETER OF THE CONSTRUCTION FENCES.

1.2. INSPECT MEASURES IMMEDIATELY AFTER INSTALLATION.

2. DURING CONSTRUCTION:

2.1. MINIMIZE THE EXTENT OF DISTURBED AREAS AND THE DURATION OF EXPOSURE AND IMPACTS TO EXISTING GRADING.

2.2. PERIMETER VEGETATION TO REMAIN IN PLACE UNTIL PERMANENT STORM WATER MANAGEMENT IS IN PLACE. OTHERWISE, IMMEDIATELY INSTALL SILT FENCE WHEN THE EXISTING SITE IS DISTURBED AT THE PERIMETER.

2.3. PROTECT DISTURBED AREAS FROM OVERLAND FLOW BY PROVIDING TEMPORARY SWALES TO THE SATISFACTION OF THE FIELD ENGINEER.

2.4. PROVIDE TEMPORARY COVER SUCH AS SEEDING OR MULCHING IF DISTURBED AREA WILL NOT BE REHABILITATED WITHIN 30 DAYS.

2.5. INSPECT SILT FENCES, MANHOLE SUMPS AND CATCH BASIN SUMPS WEEKLY AND WITHIN 24 HOURS AFTER A STORM EVENT. CLEAN AND REPAIR WHEN NECESSARY.

2.6. DRAWING TO BE REVIEWED AND REVISED AS REQUIRED DURING CONSTRUCTION.

2.7. EROSION CONTROL FENCING TO BE ALSO INSTALLED AROUND THE BASE OF ALL STOCKPILES.

2.8. DO NOT LOCATE TOPSOIL PILES AND EXCAVATION MATERIAL CLOSER THAN 2.5m FROM ANY PAVED SURFACE, OR ONE WHICH IS TO BE PAVED BEFORE THE PILE IS REMOVED. ALL TOPSOIL PILES ARE TO BE SEEDED IF THEY ARE TO REMAIN ON SITE LONG ENOUGH FOR SEEDS TO GROW (LONGER THAN 30 DAYS).

2.9. CONTROL WIND-BLOWN DUST OFF SITE BY SEEDING TOPSOIL PILES AND OTHER AREAS TEMPORARILY (PROVIDE WATERING AS REQUIRED AND TO THE SATISFACTION OF THE ENGINEER).

2.10. NO ALTERNATE METHODS OF EROSION PROTECTION SHALL BE PERMITTED UNLESS APPROVED BY THE FIELD ENGINEER.

2.11. CITY ROADWAY TO BE CLEANED OF ALL SEDIMENT FROM VEHICULAR TRACKING AS REQUIRED.

2.12. PROVIDE GRAVEL ENTRANCE (MUD MAT) WHEREVER EQUIPMENT LEAVES THE SITE FROM NON-PAVED DRIVEWAYS TO MINIMIZE MUD TRACKING ONTO PAVED SURFACES. IN THE EVENT ADDITIONAL EGRESS POINTS ARE REQUIRED THEY SHOULD BE CONSTRUCTED IN ACCORDANCE WITH THE MUD MAT DETAIL (SEE TYPICAL DETAIL).

2.13. DURING WET CONDITIONS, TIRES OF ALL VEHICLES/EQUIPMENT LEAVING THE SITE ARE TO BE SCRAPED.

2.14. ANY MUD/MATERIAL TRACKED ONTO THE ROAD SHALL BE REMOVED IMMEDIATELY BY HAND OR RUBBER TIRE LOADER.

2.15. TAKE ALL NECESSARY STEPS TO PREVENT BUILDING MATERIAL, CONSTRUCTION DEBRIS OR WASTE BEING SPILLED OR TRACKED ONTO ABUTTING PROPERTIES OR PUBLIC STREETS DURING CONSTRUCTION AND PROCEED IMMEDIATELY TO CLEAN UP ANY AREAS SO AFFECTED.

2.16. ALL EROSION CONTROL STRUCTURE TO REMAIN IN PLACE UNTIL ALL DISTURBED GROUND SURFACES HAVE BEEN STABILIZED EITHER BY PAVING OR RESTORATION OF VEGETATIVE GROUND COVER.

2.17. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.

wsp
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OTTAWA ONTARIO CANADA K2B 8K2
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LOCATION MAP

SEAL

REGISTERED PROFESSIONAL ENGINEER J. C. JOHNSTON 2019-01-23 PROVINCE OF ONTARIO

REGISTERED PROFESSIONAL ENGINEER D. B. YANG 100230568 2019-01-23 PROVINCE OF ONTARIO

Not for construction unless SEALED and SIGNED.

NO.	ISSUE & REVISIONS	DATE
1	ISSUED FOR SITE PLAN APPLICATION	JAN 23, 2019

PROJECT NORTH

P & R
PYE & RICHARDS ARCHITECTS INC
200-824 MEATH STREET OTTAWA ONTARIO K1Z 6E9
TEL: 613-724-7700 FAX: 613-724-1289
EMAIL: staff@pnrarch.com
WEBSITE: www.pyeandrichardsarchitects.com

PROJECT

NEW 2-STOREY OFFICE BUILDING
WITH BASEMENT PARKING GARAGE

56 STEACIE DRIVE **OTTAWA, ONTARIO**

DRAWING

EROSION AND SEDIMENTATION CONTROL PLAN

Do not scale. Refer any dimensional errors and/or possible trade interference/conflict to the architects for clarification prior to commencement of the work.
The conditions of the contract apply.

PROJECT NO. 18M-01672-00	DRAWING NO.
SCALE: AS NOTED	C-05
DRAWN: WY	
CHECKED: JJ	
PLOT DATE –2019–01–23	REVISION NO. 1

FILENAME V:\01672\00\18M-01672-00_56 Steacie Drive Development\3. Drawings\Working Drawings\Civil\2 Working Drawings\Sheets\18M-01672-00_C05_E.dwg
PLOTDATE Jan 22, 2019 - 11:14am, ywang0001