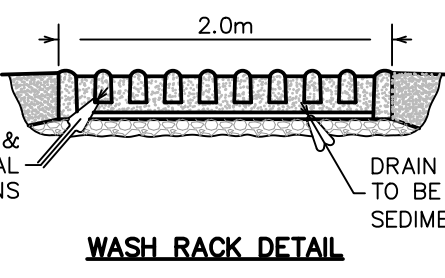
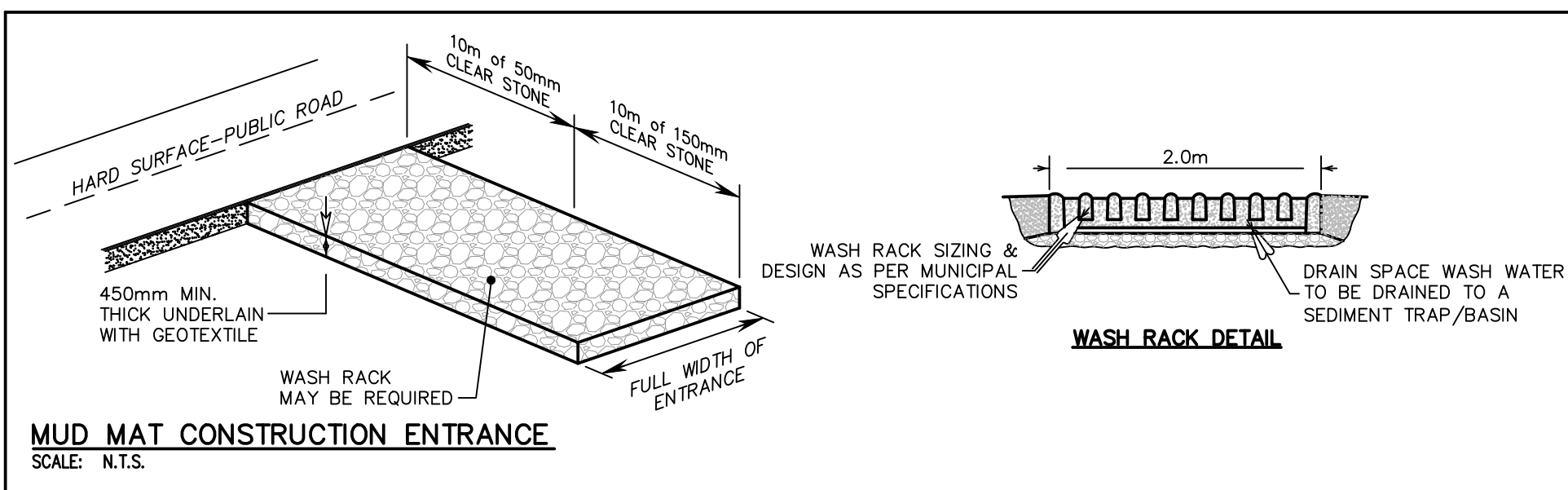
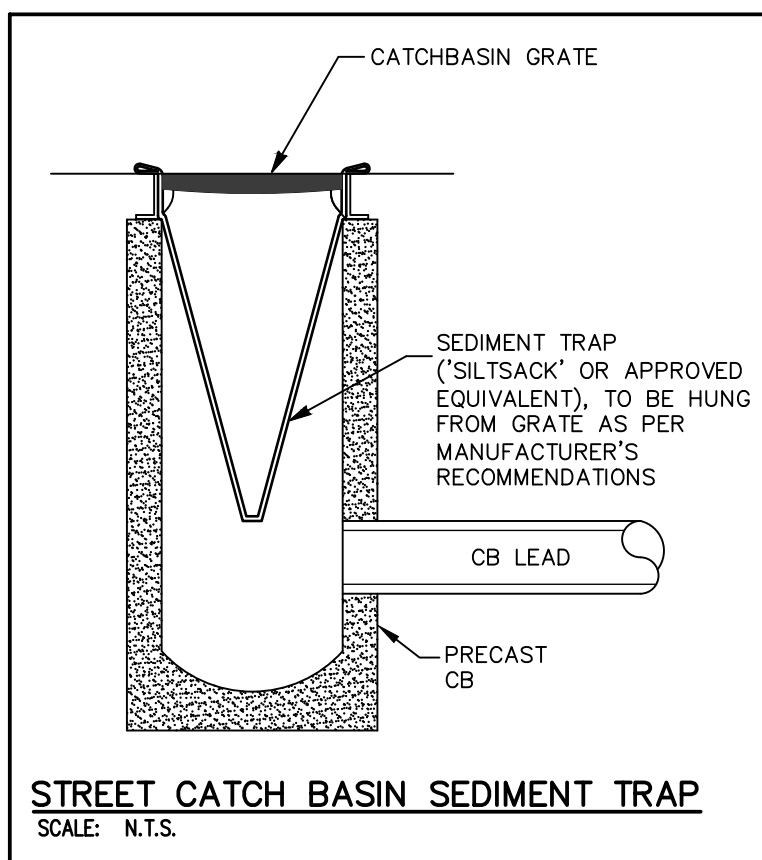
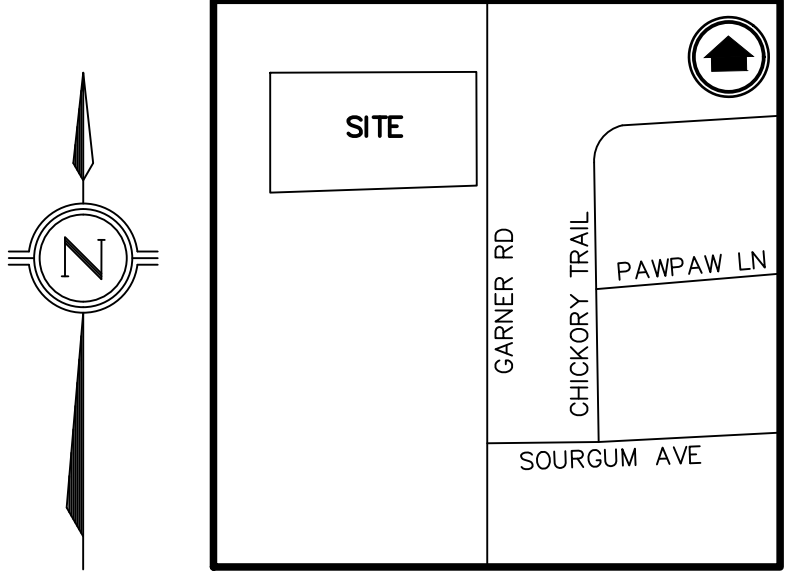


NOTE:  
A All dimensions are in millimetres unless otherwise shown.

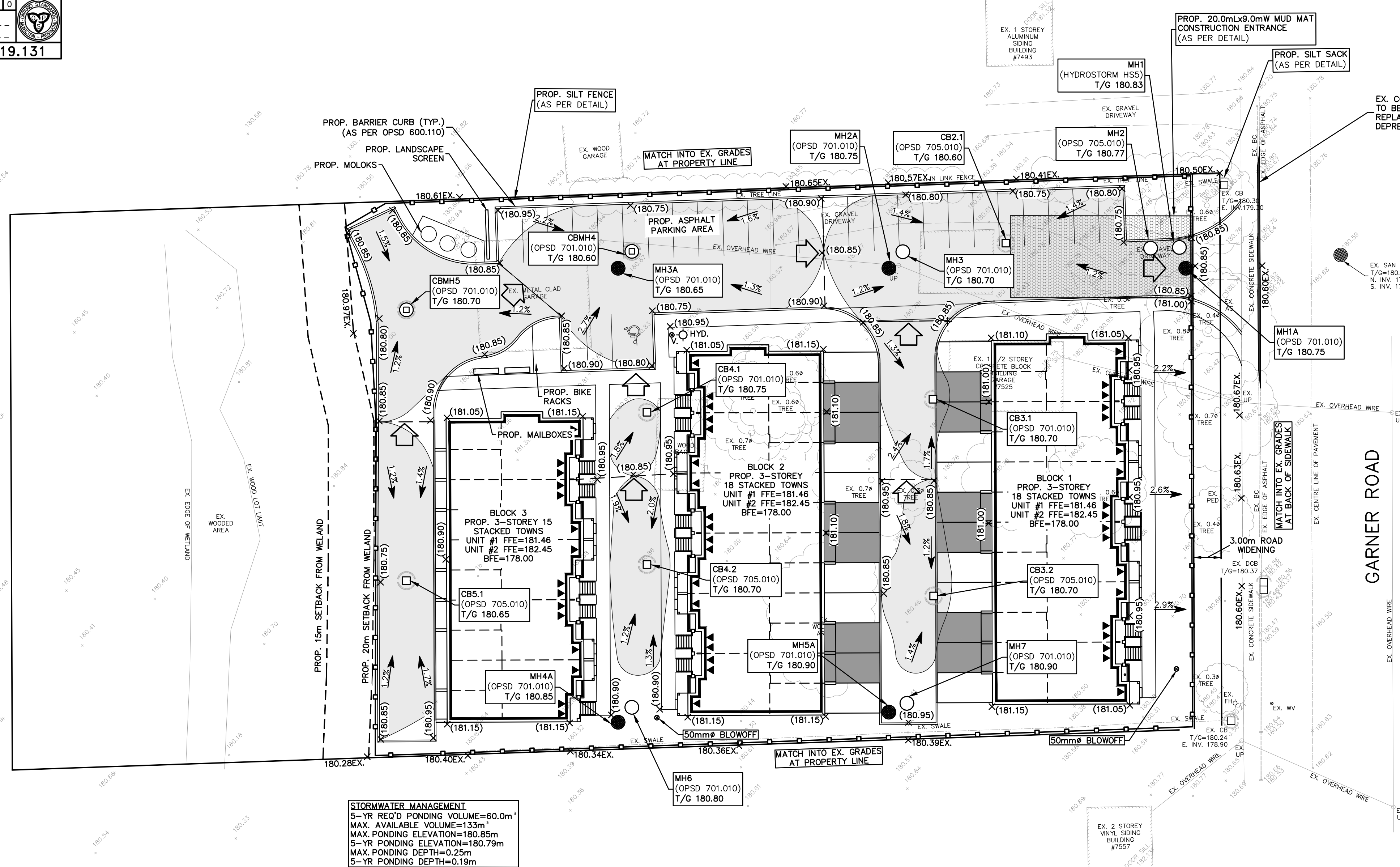
|   |          |       |
|---|----------|-------|
| ONTARIO PROVINCIAL STANDARD DRAWING       | Nov 2015 | Rev 0 |
| HEAVY-DUTY WIRE-BACKED SILT FENCE BARRIER |          |       |
| OPSD 219.131                              |          |       |



- LEGEND:**
- EXISTING GROUND ELEVATION
  - PROPOSED GROUND ELEVATION
  - PROPOSED ELEVATION TO MATCH EXISTING
  - PROPOSED SWALE ELEVATION
  - PROPOSED DIRECTION OF SHEET FLOW
  - EXISTING CATCHBASIN
  - EXISTING DOUBLE CATCHBASIN
  - EXISTING STORM/SANITARY MANHOLE
  - PROPOSED CATCHBASIN
  - PROPOSED STORM/SANITARY MANHOLE
  - PROPOSED GATE VALVE
  - PROPOSED MAJOR OVERLAND FLOW ROUTE
  - PROPOSED FINISH FLOOR ELEVATION
  - PROPOSED BASEMENT FLOOR ELEVATION
  - PROPOSED CATCHBASIN MANHOLE
  - PROPOSED SILTATION CONTROL FENCE
  - PROPOSED CATCHBASIN SILT SACK
  - PROPOSED HYDRANT
  - MAXIMUM PONDING AREA
- FFE = 100.00  
BFE = 100.00



**BENCH MARK NOTE:**  
BENCHMARK NO. 00119673582  
ELEVATION = 188.710 METRES (CGVD28:78 ADJUSTMENT)  
CONCRETE CYLINDER, ON EAST SIDE OF GARNER ROAD, 0.8 KILOMETRES NORTH OF MCLEOD ROAD, 8.1 METRES FROM CENTRE LINE OF GARNER ROAD, 1.1 METRES WESTERLY FROM GATE POST AT ENTRANCE TO HYDRO RIGHT-OF-WAY, 22.0 METRES SOUTHWESTERLY FROM STEEL HYDRO TOWER, TABLET IN TOP



**NOTE:**  
1. CATCHBASINS AND CATCHBASIN MANHOLES ARE TO BE FITTED WITH FLEXSTORM INLET FILTER.  
2. SERVICE LATERALS TO BE DETAILED AT THE DETAILED DESIGN STAGE.

**NOTES TO CONTRACTOR:**

- 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 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.
- CONFIRMATION OF EXISTING INVERTS**  
72 HOURS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR IS TO LOCATE, EXPOSE AND VERIFY INVERTS OF EXISTING UTILITIES AND EXISTING SEWERS AT CONNECTION POINTS. SHOULD THE CONTRACTOR PROCEED WITHOUT COMPLETING THESE LOCATES, EXTRA COSTS RESULTING FROM DELAYS AND STANDBY TIME WILL NOT BE CONSIDERED.

| NO. | DATE | BY | REVISIONS |
|-----|------|----|-----------|
|     |      |    |           |
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**NOTES TO CONTRACTOR:**

- CONTRACTORS AND SUBCONTRACTORS SHALL NOT SCALE FROM THIS DRAWING.
- ANY INCONSISTENCIES AND OMISSIONS FOUND ON THE DRAWINGS MUST BE REPORTED TO THE ENGINEER FOR CLARIFICATION BEFORE COMMENCING THE WORK.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND ELEVATIONS AND REPORT ALL FINDINGS TO THE ENGINEER. ONCE CONSTRUCTION HAS COMMENCED, THE CONTRACTOR ACCEPTS RESPONSIBILITY FOR ALL DIMENSIONS, ELEVATIONS, AND SITE CONDITIONS.
- THE POSITIONS OF POLE LINES, CONDUITS, WATERMANS, SEWERS, AND OTHER UNDERGROUND AND OVER-GROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE DRAWINGS. WHERE SHOWN ON THE DRAWING, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM THEMSELVES OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.
- ALL DRAWINGS REMAIN THE PROPERTY OF THE ENGINEER AND SHALL NOT BE REPRODUCED, REUSED, OR REVISED WITHOUT THE WRITTEN CONSENT OF S. LLEWELLYN AND ASSOCIATES LIMITED.

|        |    |       |    |             |
|--------|----|-------|----|-------------|
| DESIGN | MT | CHK'D | SN | DATE        |
| DRAWN  | MT | CHK'D | SN | Jun. 27, 25 |

SCALE 0 5 10 20 30  
1:300

**APPROVALS**

**NOT FOR CONSTRUCTION**

**S. LLEWELLYN & ASSOCIATES LIMITED**  
CONSULTING ENGINEERS  
Tel. (905) 631-6978  
Website: www.sla.on.ca  
email: info@sla.on.ca  
3228 South Service Road, Suite #105 East Wing, Burlington, Ont., L7N 3H8

**MADAN-ARIANNA DEVELOPMENTS INC.**

PROJECT NAME

7525 GARNER ROAD  
NIAGARA FALLS, ON

TITLE

**PRELIMINARY GRADING AND EROSION CONTROL PLAN**

PROJECT No. 24043  
DRAWING No. C101

