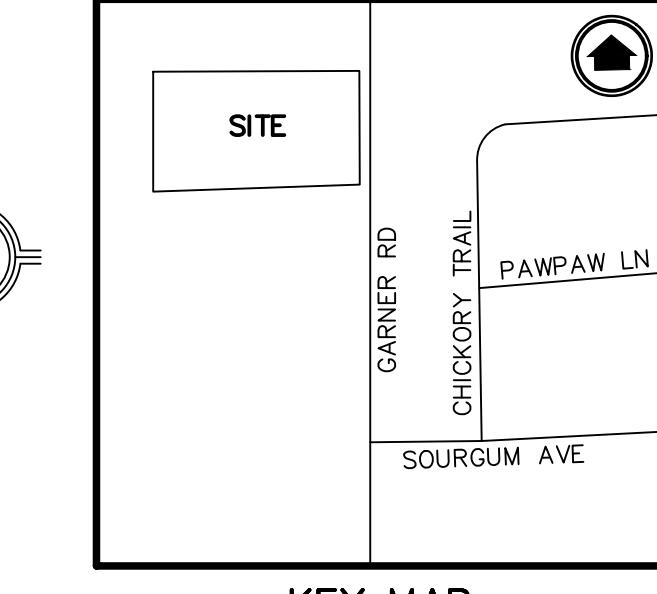


LEGEND:

□	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



BENCH MARK NOTE:

BENCHMARK NO. 00119673582

ELEVATION = 188.710 METRES (CGVD28: 78 ADJUSTMENT)

CONCRETE CYLINDER ON EAST SIDE OF GARNER ROAD 0.6 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

NO.	DATE	BY	REVISIONS

NOTES TO CONTRACTOR:

1. CONTRACTOR AND SUBCONTRACTORS SHALL NOT SCALE FROM THIS DRAWING.
2. ANY INCONCISENES AND OMISSIONS FOUND IN THE DRAWINGS MUST BE REPORTED TO THE ENGINEER FOR CLARIFICATION BEFORE COMMENCING THE WORK.
3. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR MUST LOCATE AND VERIFY ALL DIMENSIONS, ELEVATIONS, AND SITE CONDITIONS. IF THE CONTRACTOR HAS COMMISSIONED THE CONTRACTOR ACCEPTS RESPONSIBILITY FOR ALL DIMENSIONS, ELEVATIONS, AND SITE CONDITIONS.
4. 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 NOT LOCATED, 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.
5. THE 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

STAMP
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

CLIENT

MADAN-ARIANNA
DEVELOPMENTS INC.

PROJECT NAME

7525 GARNER ROAD
NIAGARA FALLS, ON

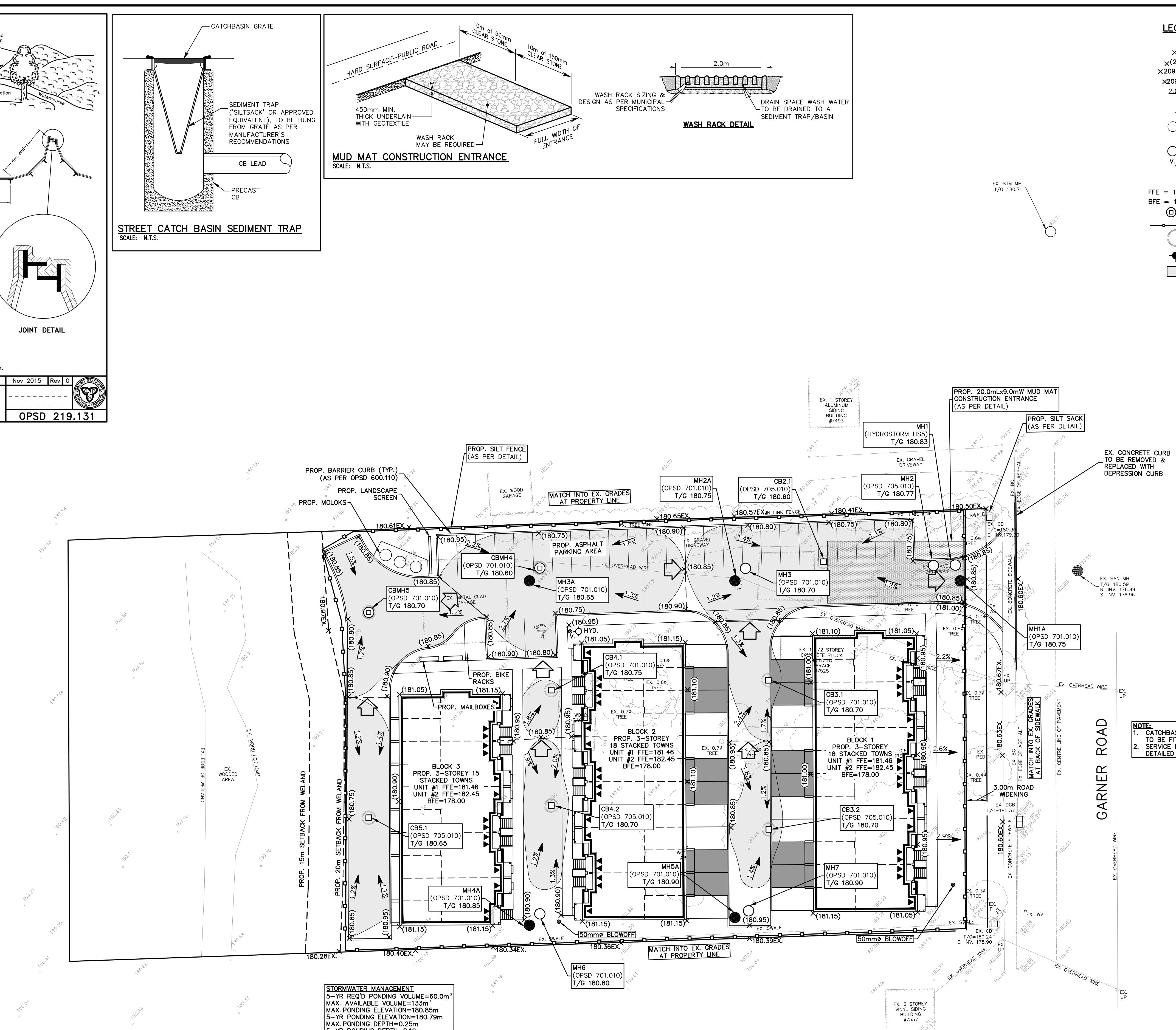
TITLE
PRELIMINARY GRADING AND
EROSION CONTROL PLAN

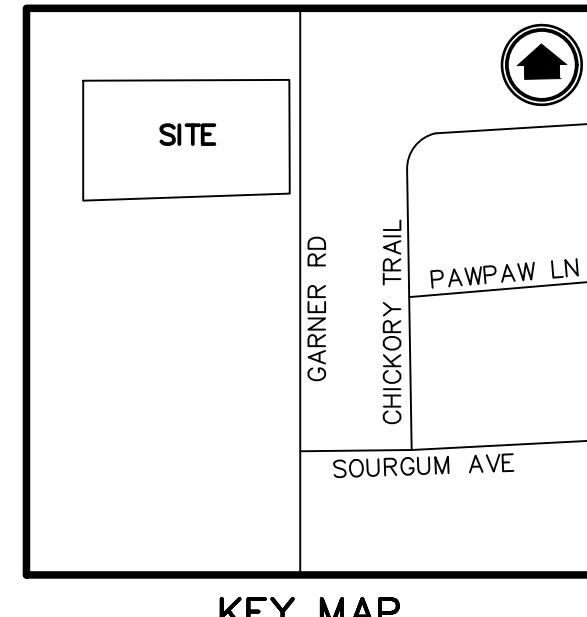
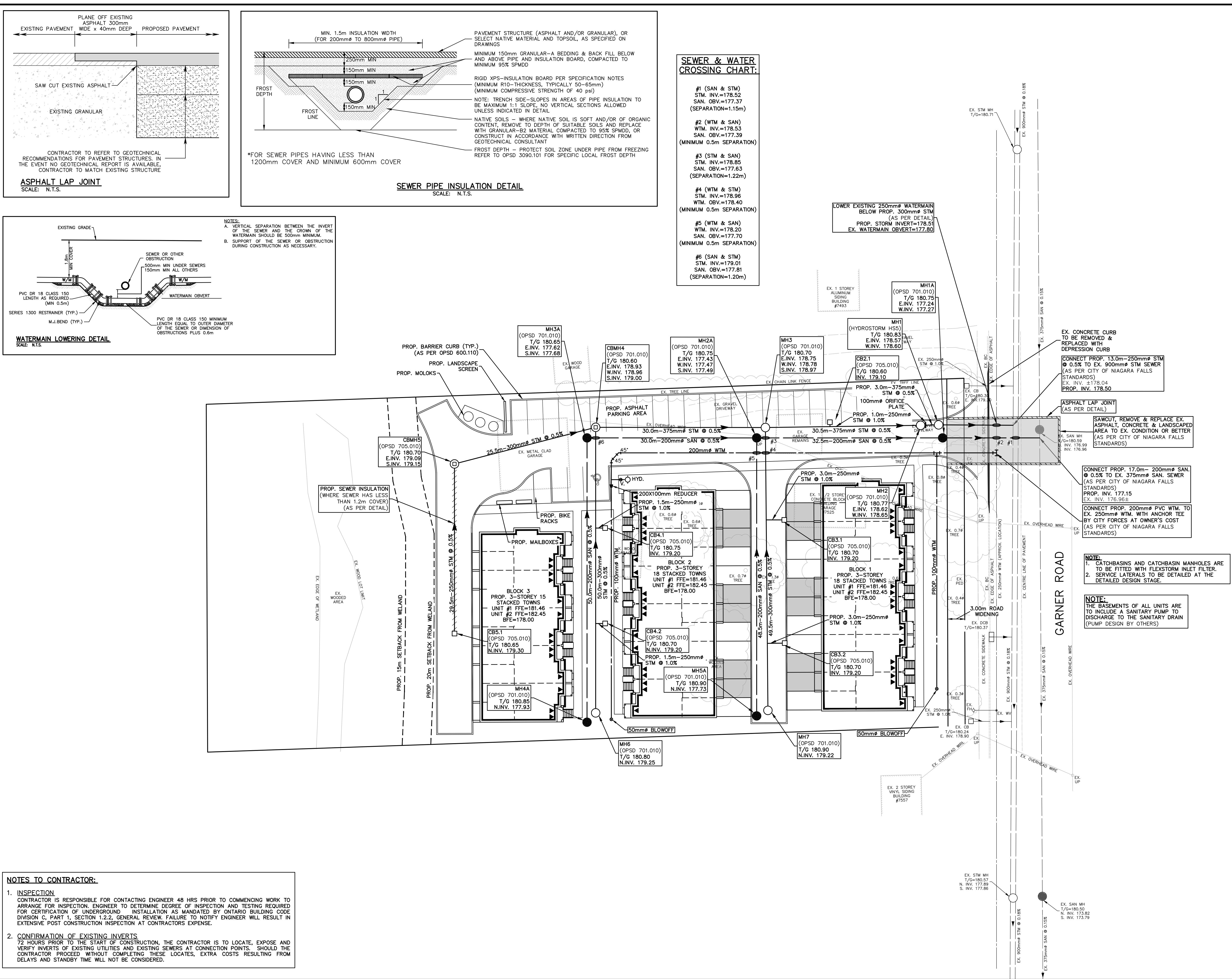
PROJECT No. 24043 DRAWING No. C101
Plotted: June 27, 2025 11:45:15 AM By: Mike Tran

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 INSTALLATION AS MANUFACTURED BY ONTARIO BUILDING CODE DIVISION 9, SECTION 1, SECTION 1.2.2. GENERAL REVERSE 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 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.

STORMWATER MANAGEMENT
5-YR REOD PONDING VOLUME=60.0m³
MAX. AVAILABLE VOLUME=133m³
MAX. PONDING ELEVATION=180.85m
5-YR PONDING ELEVATION=180.99m
MAX. PONDING DEPTH=0.25m
5-YR PONDING DEPTH=0.19m





LEGEND:

- EXISTING CATCHBASIN
- EXISTING STORM/SANITARY MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED STORM/SANITARY MANHOLE
- PROPOSED CURB STOP/GATE VALVE
- PROPOSED CURB CROSSING
- PROPOSED CATCHBASIN MANHOLE

BENCH MARK NOTE:

BENCHMARK NO. 00119673582
ELEVATION = 186.710 METRES (CGVD28: 78 ADJUSTMENT)
CONCRETE CYLINDER ON EAST SIDE OF GARNER ROAD, 0.6 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

NO.	DATE	BY	REVISIONS

NOTES TO CONTRACTOR:

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

NOTE:

1. CATCHBASINS AND CATCHBASIN MANHOLES ARE TO INCLUDE A SANITARY PUMP TO DISCHARGE TO THE SANITARY DRAIN (PUMP DESIGN BY OTHERS).

APPROVALS

NOT FOR CONSTRUCTION

STAMP

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Tel. (905) 631-6978
Website: www.sla.on.ca
email: info@sla.on.ca

CLIENT

MADAN-ARIANNA
DEVELOPMENTS INC.

PROJECT NAME

7525 GARNER ROAD
NIAGARA FALLS, ON

TITLE

PRELIMINARY SERVICING PLAN

PROJECT No. 24043 DRAWING No. C102