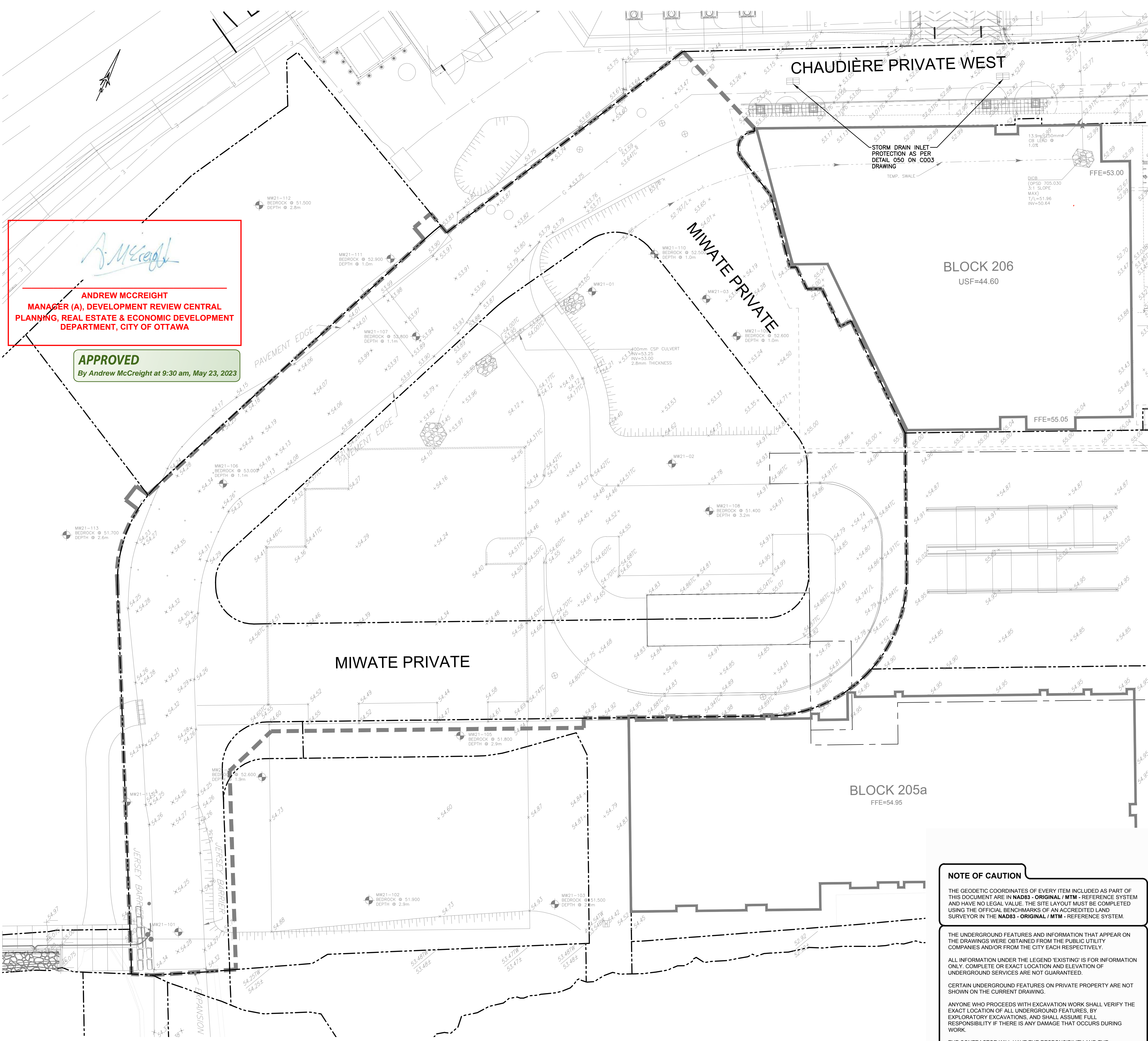


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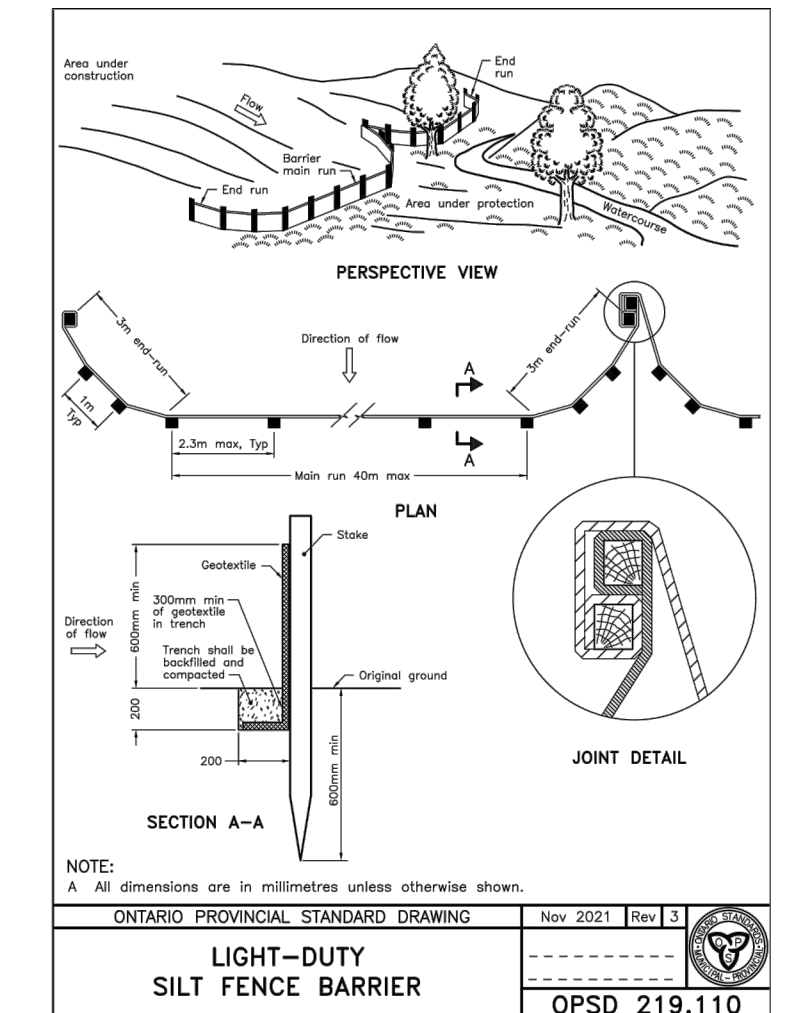
Andrew McCreight
ANDREW MCCREIGHT
 MANAGER (A), DEVELOPMENT REVIEW CENTRAL
 PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT
 DEPARTMENT, CITY OF OTTAWA
APPROVED
 By Andrew McCreight at 9:30 am, May 23, 2023



- 1. SEDIMENT AND EROSION CONTROL**
- 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.
 - Unless otherwise indicated, all materials and construction methods to be in accordance with the requirements of the latest edition of the Ontario Provincial Standard Specifications and Drawings (OPSS and OPSD), the Ontario Ministry of Environment, Conservation and Parks (MECP), applicable Conservation authorities, the municipal standard specifications and drawings, and all other governing authorities as they apply.
 - Wherever standards, laws and/or regulations are mentioned they refer to their current versions, modifications included.
 - Specifically, sediment and erosion control measures to be constructed as per OPSS MUNI 805.
 - The Contractor must implement best management practices and provide adequate sediment and erosion control measures during construction:
 - Prevent soil erosion which can result from stormwater runoff or wind erosion during construction;
 - Prevent sediment deposits in the storm sewer and/or collecting streams and;
 - Prevent air pollution from dust and particulate matter.
 - Provisions must be made for sediment and erosion control measures prior to stripping the site of vegetation and other deleterious materials. Measures such as phase stripping, vegetation buffer zones, silt fences, straw bales, sediment traps/basins, rock checks, etc. must be constructed and maintained in order to control sediment, as required by the provincial and municipal governing authorities.
 - The Contractor must set up the measures shown on the plan, inspect them frequently and clean and repair or replace the deteriorated structures.
 - When the sediment and erosion control measures have to be removed in order to complete a portion of the work, these same measures must be reinstated.
 - When storing soil on site in piles the Contractor must cover each pile with tarps, straw or a geotextile fabric to avoid fine particle transport by wind and/or streaming rain water.
 - During the construction period, sediment capture silt sacks or filter cloths must be installed and maintained between the frame and cover of all catchbasins and catchbasin/manholes to minimize sediments entering the storm sewer system. All landscaping areas must be completed prior to the removal of the silt sacks or filter cloths.
 - The light duty silt fence barrier must be installed as per OPSD 219.110.
 - At all times the Contractor must maintain the municipal access roads clean and free of sediments. When cleaning the access roads, the Contractor must take the necessary precautions to clear the surfaces covered with sediment prior to cleaning with water.
 - For dust control, Contractor to apply calcium chloride (Type I - OPSS 2501 and CAN/CSB-15-1) and water with equipment approved by the Owner's representative at rate in accordance to OPSS MUNI 506 when directed by Owner's representative.
 - At the end of the construction period, the Contractor is responsible for removal of the temporary sediment and erosion control measures and reconditioning the affected areas.
 - This plan is a "Living Document" which may be revised in the event that the control measures are not sufficient.

EXISTING		PROPOSED	
WM	WATERMAIN	WM	WATERMAIN
SS	SANITARY SEWER	SS	SANITARY SEWER
STW	STORM SEWER	STW	STORM SEWER
D	DRAIN	D	DRAIN
G	GAS LINE (APPROX. LOC.)	G	GAS LINE (APPROX. LOC.)
T	UNDERGROUND TELEPHONE (APPROX. LOC.)	T	UNDERGROUND TELEPHONE (APPROX. LOC.)
CA	UNDERGROUND TRAFFIC CABLE (APPROX. LOC.)	CA	UNDERGROUND TRAFFIC CABLE (APPROX. LOC.)
E	UNDERGROUND ELECTRICITY (APPROX. LOC.)	E	UNDERGROUND ELECTRICITY (APPROX. LOC.)
OT	OVERHEAD WIRE	OT	OVERHEAD WIRE
LOT	LOT LINE	LOT	LOT LINE
RL	RIGHT-OF-WAY LIMITS	RL	RIGHT-OF-WAY LIMITS
ES	EASEMENT	ES	EASEMENT
TS	TOP OF SLOPE	TS	TOP OF SLOPE
BS	BOTTOM OF SLOPE	BS	BOTTOM OF SLOPE
CB	CATCHBASIN	CB	CATCHBASIN
MCB	MANHOLE/CATCHBASIN	MCB	MANHOLE/CATCHBASIN
MH	MANHOLE	MH	MANHOLE
FH	FIRE HYDRANT	FH	FIRE HYDRANT
V	VALVE	V	VALVE
R	REDUCER	R	REDUCER
T	TEE	T	TEE
VC	VALVE CHAMBER	VC	VALVE CHAMBER
P	PRIVATE UTILITIES (WATERMAIN)	P	PRIVATE UTILITIES (WATERMAIN)
NGV	NATURAL GAS VALVE	NGV	NATURAL GAS VALVE
S	SIGN	S	SIGN
TS	STOP SIGN	TS	STOP SIGN
TL	TRAFFIC LIGHT	TL	TRAFFIC LIGHT
EP	ELECTRICITY POLE	EP	ELECTRICITY POLE
ET	ELECT. TEL. STREET LIGHT POLE	ET	ELECT. TEL. STREET LIGHT POLE
ETL	ELECT.-TEL. TRANSFORMER POLE	ETL	ELECT.-TEL. TRANSFORMER POLE
PSL	PRIVATE STREET LIGHT	PSL	PRIVATE STREET LIGHT
EMH	ELECTRICITY MANHOLE	EMH	ELECTRICITY MANHOLE
TMH	TELEPHONE MANHOLE	TMH	TELEPHONE MANHOLE
ST	SURVEY STATION	ST	SURVEY STATION
E	ELEVATION	E	ELEVATION
BH	BOREROLE (LOC. APPROX.)	BH	BOREROLE (LOC. APPROX.)
WL	WORK LIMIT	WL	WORK LIMIT

ABBREVIATIONS	
STM	→ STORM
SAN	→ SANITARY
WM	→ WATERMAIN
WTR	→ WATER
INV	→ INVERT
MH	→ MANHOLE
CB	→ CATCHBASIN
TL	→ TOP OF LID
OBV	→ OBVERT
FFE	→ FINISHED FLOOR ELEVATION
BLDG	→ BUILDING
SERV	→ SERVICE



NOTE OF CAUTION

THE GEODETIC COORDINATES OF EVERY ITEM INCLUDED AS PART OF THIS DOCUMENT ARE IN NAD83 - ORIGINAL / MTM - REFERENCE SYSTEM AND HAVE NO LEGAL VALUE. THE SITE LAYOUT MUST BE COMPLETED USING THE OFFICIAL BENCHMARKS OF AN ACCREDITED LAND SURVEYOR IN THE NAD83 - ORIGINAL / MTM - REFERENCE SYSTEM.

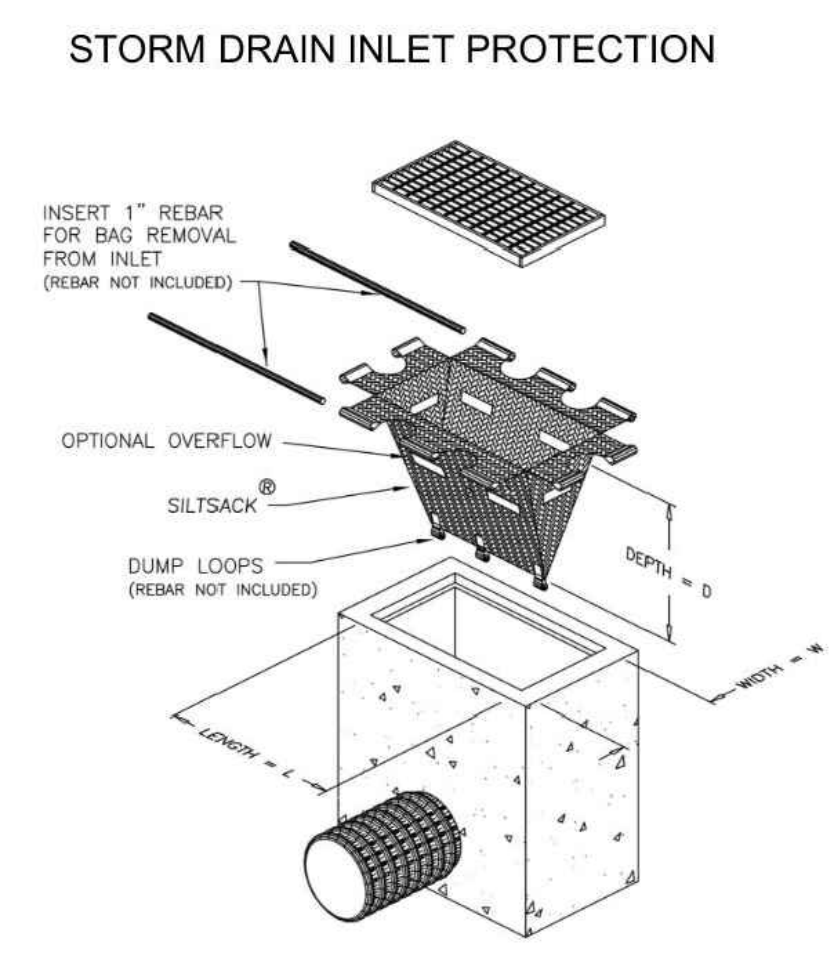
THE UNDERGROUND FEATURES AND INFORMATION THAT APPEAR ON THE DRAWINGS WERE OBTAINED FROM THE PUBLIC UTILITY COMPANIES AND/OR FROM THE CITY EACH RESPECTIVELY.

ALL INFORMATION UNDER THE LEGEND 'EXISTING' IS FOR INFORMATION ONLY. COMPLETE OR EXACT LOCATION AND ELEVATION OF UNDERGROUND SERVICES ARE NOT GUARANTEED.

CERTAIN UNDERGROUND FEATURES ON PRIVATE PROPERTY ARE NOT SHOWN ON THE CURRENT DRAWING.

ANYONE WHO PROCEEDS WITH EXCAVATION WORK SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND FEATURES, BY EXPLORATORY EXCAVATIONS, AND SHALL ASSUME FULL RESPONSIBILITY IF THERE IS ANY DAMAGE THAT OCCURS DURING WORK.

THE CONTRACTOR WILL HAVE THE RESPONSIBILITY AND THE OBLIGATION TO VALIDATE, BY EXPLORATORY EXCAVATION, THE SIZE OF THE PUBLIC UTILITIES UNDERGROUND SERVICES AND TO WARN THE ENGINEER OF ANY CONFLICT WITH THE PROJECTED WORK.



050 STORM DRAIN INLET PROTECTION
 SCALE: NTS

No.	Date	Description	By
4	FEB 03, 2023	ISSUED FOR ECA	A.C.
3	NOV 21, 2022	ISSUED FOR SITE PLAN APPLICATION	A.C.
2	AUG 31, 2022	ISSUED FOR SITE PLAN APPLICATION	A.C.
1	APR 18, 2022	ISSUED FOR SITE PLAN APPLICATION	A.C.



CLIENT:
DREAM UNLIMITED
 30 ADELAIDE STREET EAST
 SUITE 301
 TORONTO, ON, M5C 3H1
 613-219-2722
ZIBI (Project Address)
 310 Miwate Private
 OTTAWA, ONTARIO
 K1R 0E1

PROJECT NAME:
**ZIBI ONTARIO
 BLOCK 204
 315 PRIVE MIWATE PRIVATE,
 CHAUDIERE ISLAND
 OTTAWA, ONTARIO**

SHEET TITLE:
**SEDIMENT & EROSION
 CONTROL PLAN**

DISCIPLINE:
CIVIL

DRAWER:
 S.C. POGGIOLI
 DESIGNER:
 J. SAUVÉ
 APPROVER:
 A. CHAUMONT
 PROJECT No.:
 A000931
 SHEET No.:

SCALE:
 1:250
 DATE:
 2022/03/14
 APPROVER:
 A. CHAUMONT
 DRAWING No.: