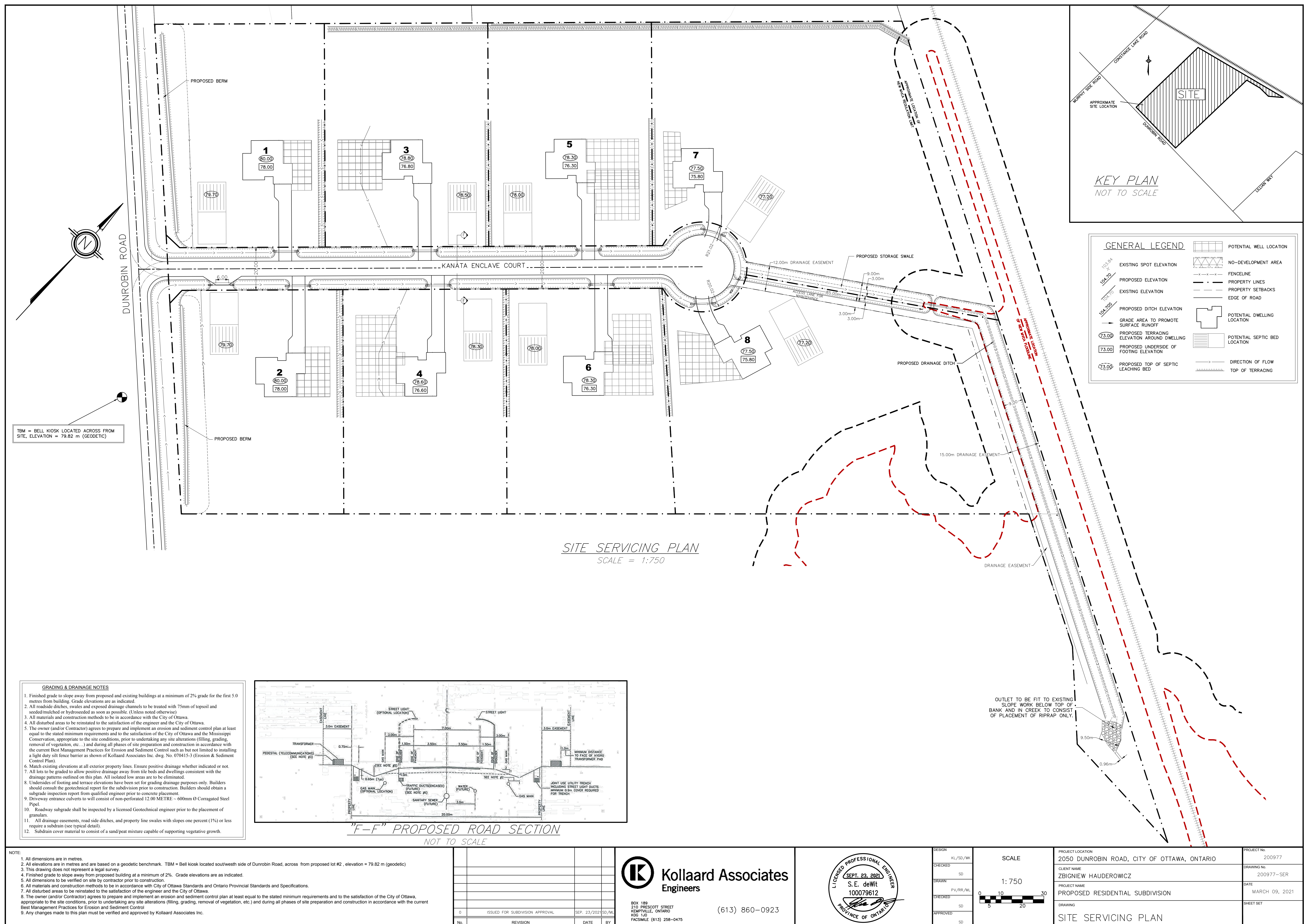
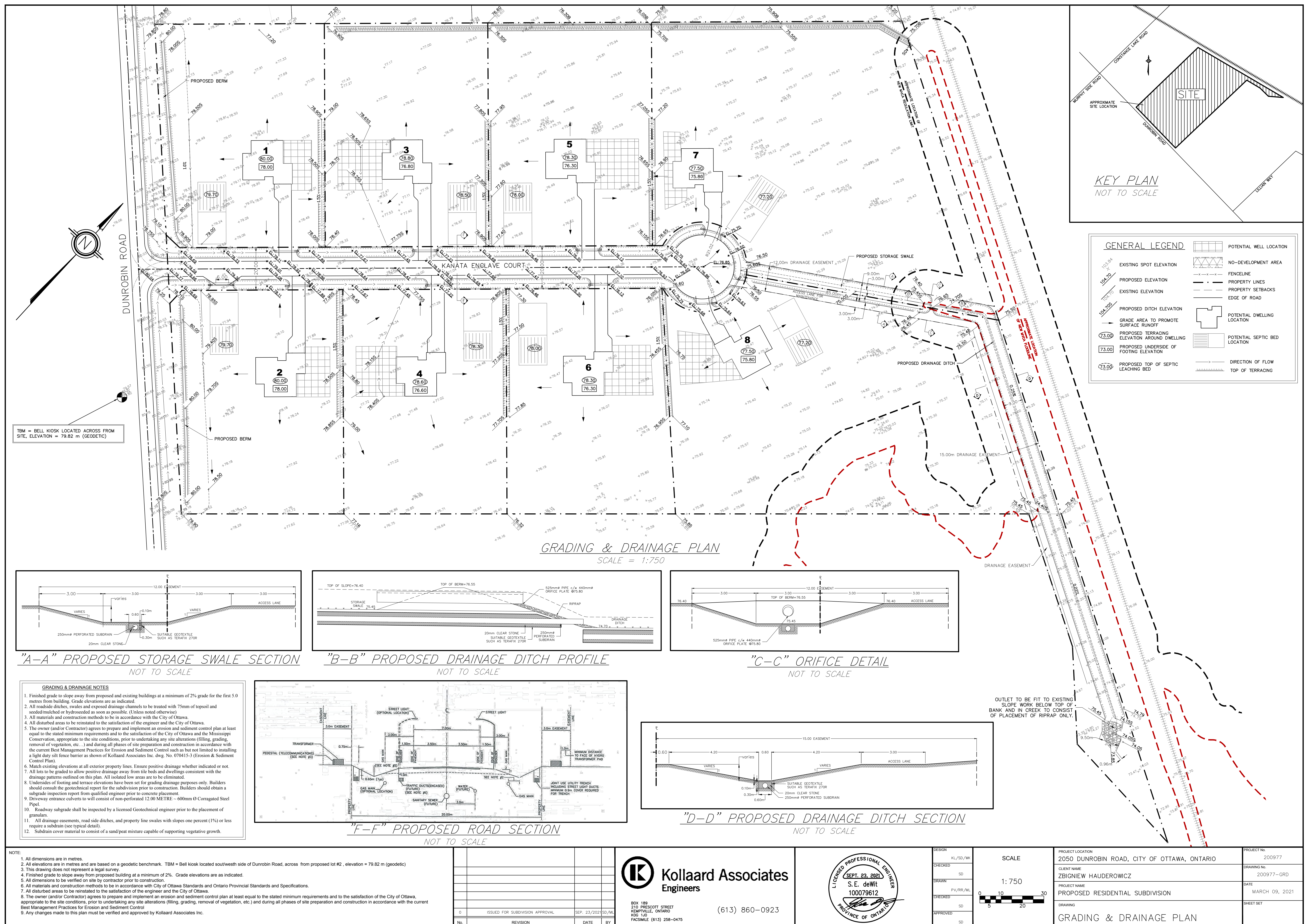
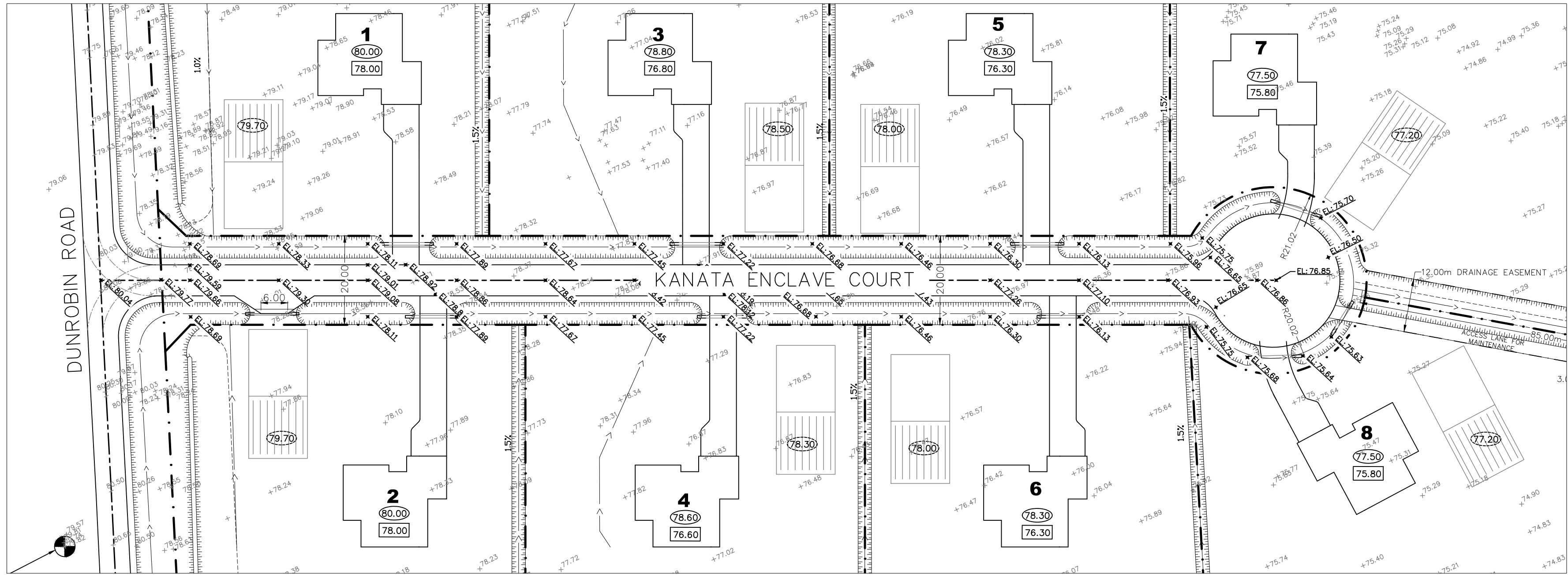
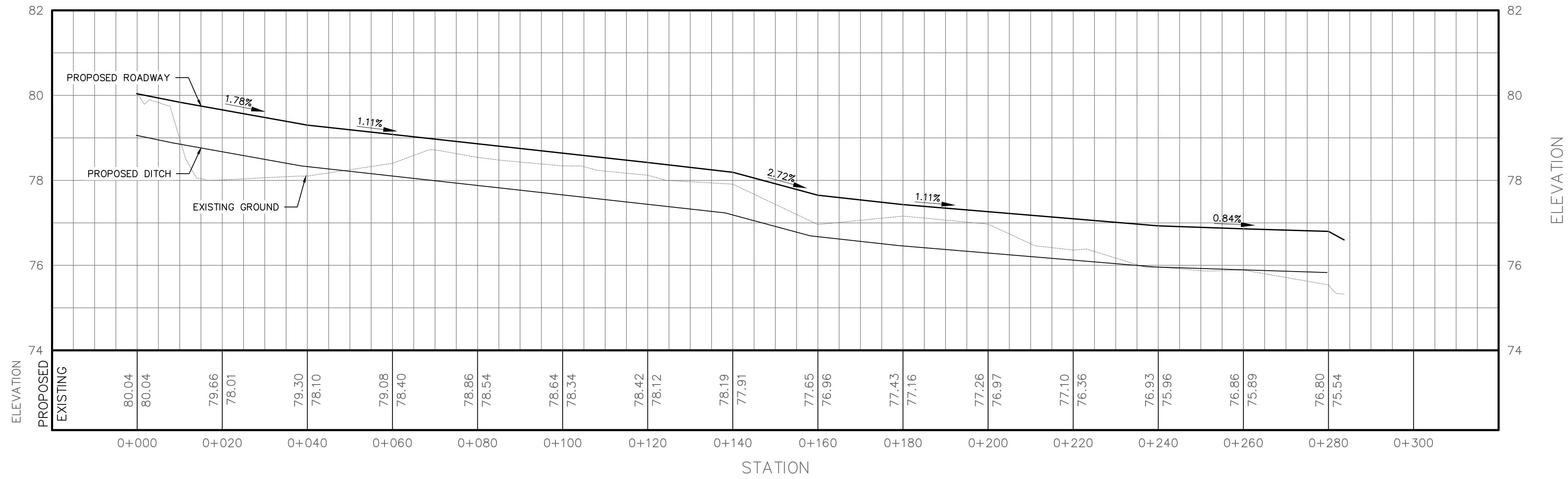




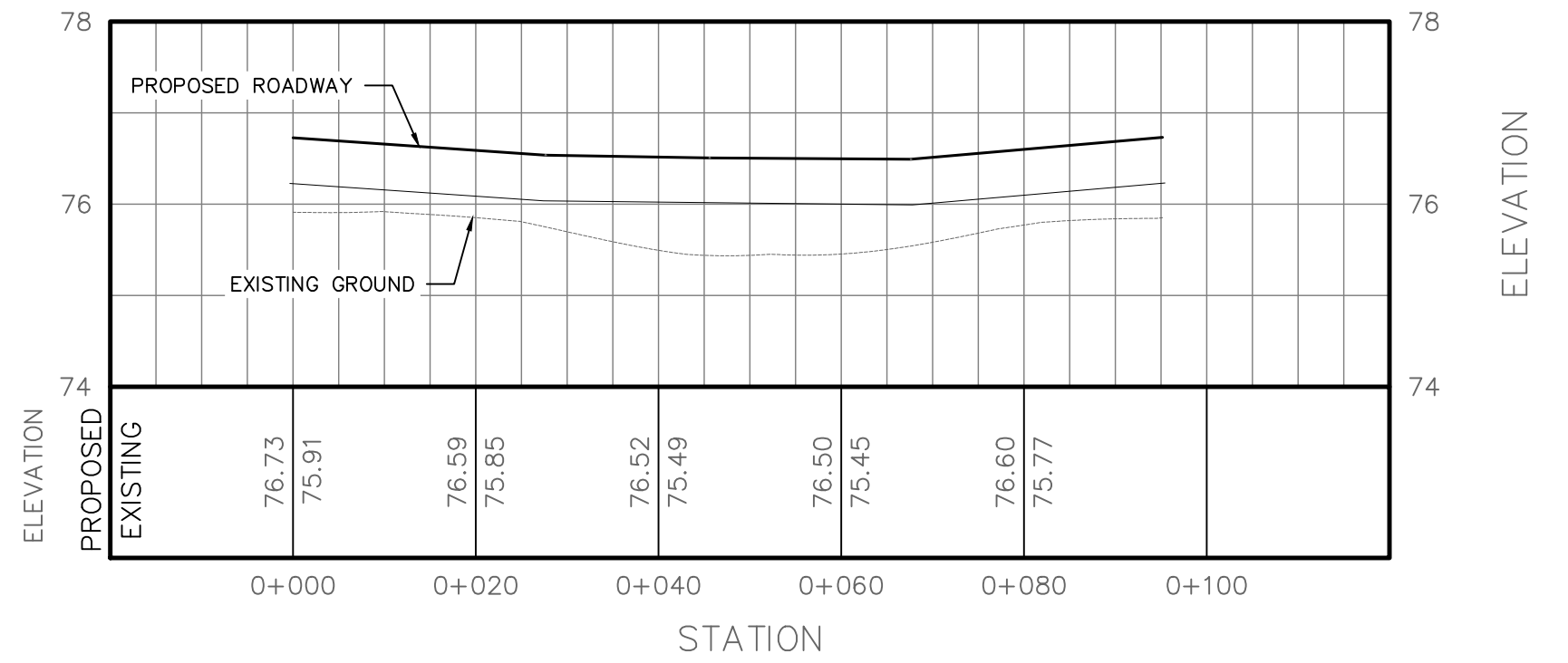




STREET 1 PLAN
SCALE = 1:750



STREET 1 PROFILE
SCALE HORIZ. = 1:750 VERT. = 1:75

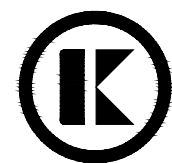


CUL-DE-SAC EDGE PROFILE
SCALE HORIZ. = 1:750 VERT. = 1:75

NOTE:

- All dimensions are in metres.
- All elevations are in metres and are based on a geodetic benchmark. TBM = Bell kiosk located south/west side of Dunrobin Road, across from proposed lot #2, elevation = 79.82 m (geodetic)
- This drawing does not represent a legal survey.
- Finished grade to slope away from proposed building at a minimum of 2%. Grade elevations are as indicated.
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- All materials and construction methods to be in accordance with City of Ottawa Standards and Ontario Provincial Standards and Specifications.
- All disturbed areas to be reinstated to the satisfaction of the engineer and the City of Ottawa.
- The owner (and/or Contractor) agrees to prepare and implement an erosion and sediment control plan at least equal to the stated minimum requirements and to the satisfaction of the City of Ottawa, appropriate to the site conditions, prior to undertaking any site alterations (filling, grading, removal of vegetation, etc.) and during all phases of site preparation and construction in accordance with the current Best Management Practices for Erosion and Sediment Control.
- Any changes made to this plan must be verified and approved by Kollaard Associates Inc.

No.	REVISION	DATE	BY
0	ISSUED FOR SUBDIVISION APPROVAL	SEP. 23/2021	SD/NL



Kollaard Associates
Engineers

BOX 189
210 PRESCOTT STREET
KEMPVILLE, ONTARIO
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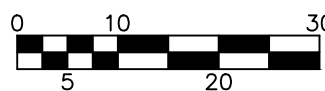
(613) 860-0923



DESIGN	KL/SD/WK
CHECKED	SD
DRAWN	PV/RR/NL
CHECKED	SD
APPROVED	SD

SCALE

1:750



PROJECT LOCATION
2050 DUNROBIN ROAD, CITY OF OTTAWA, ONTARIO

CLIENT NAME
ZBIGNIEW HAUDEROWICZ

PROJECT NAME
PROPOSED RESIDENTIAL SUBDIVISION

DRAWING

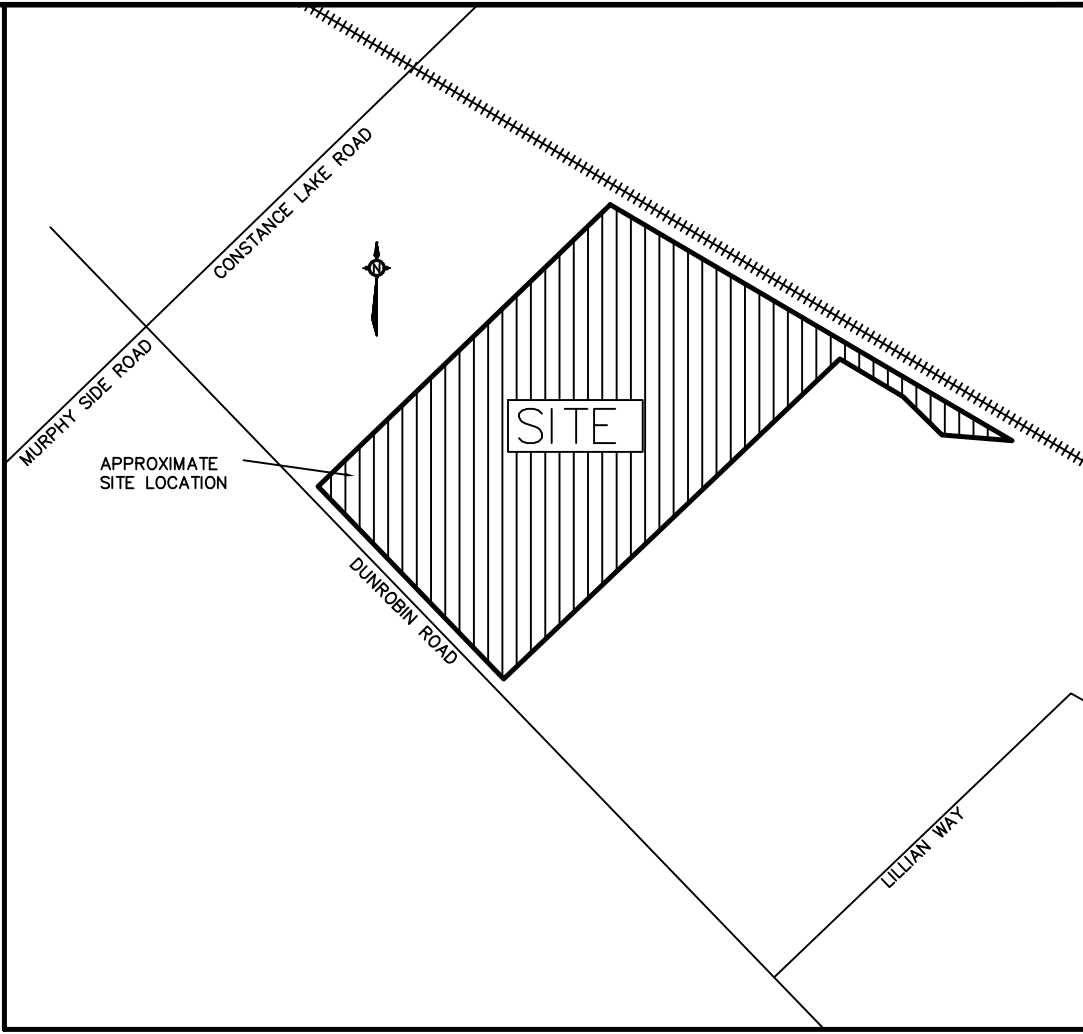
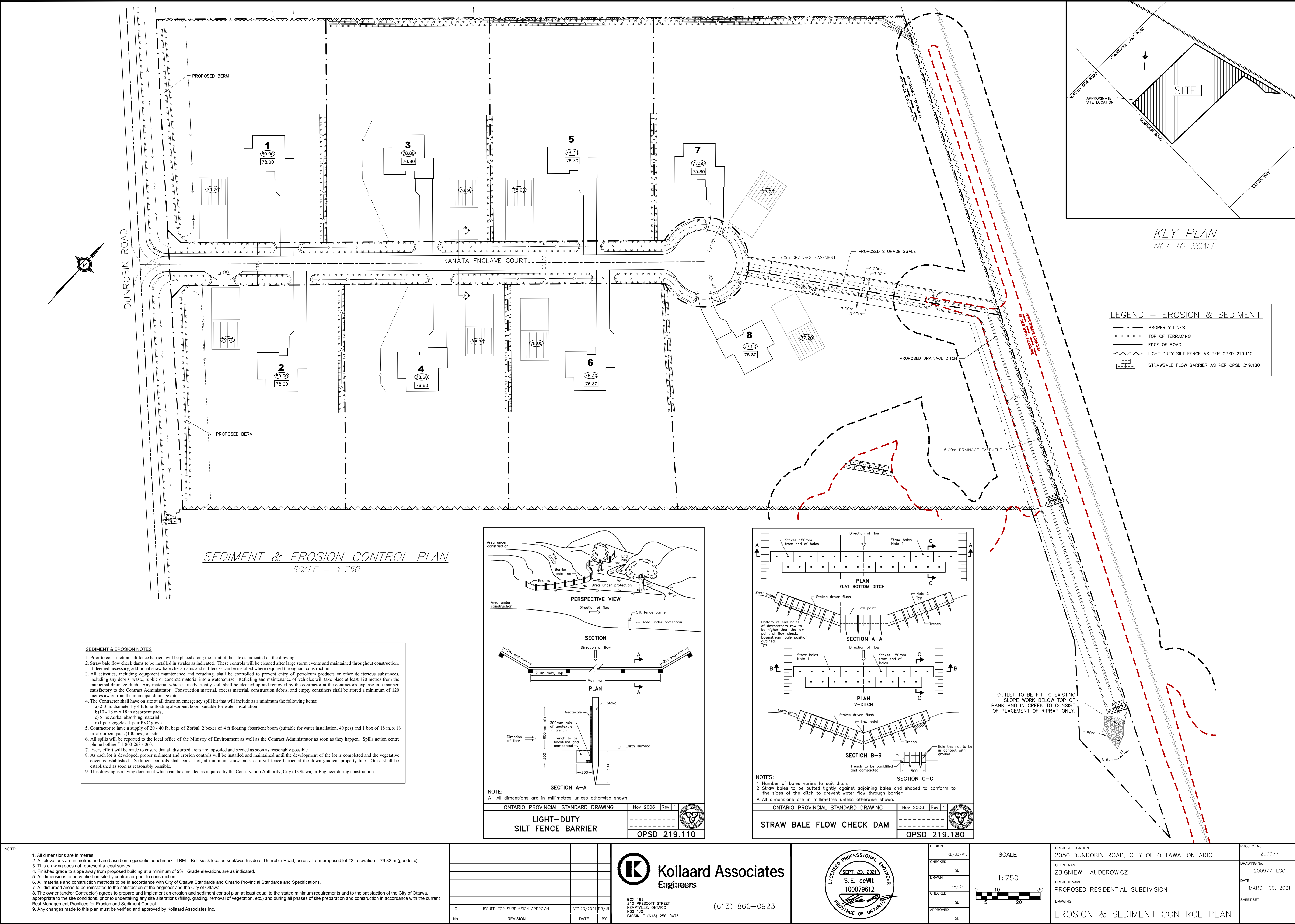
STREET 1 PLAN & PROFILES

PROJECT No.
200977

DRAWING No.
200977-PP

DATE
MARCH 09, 2021

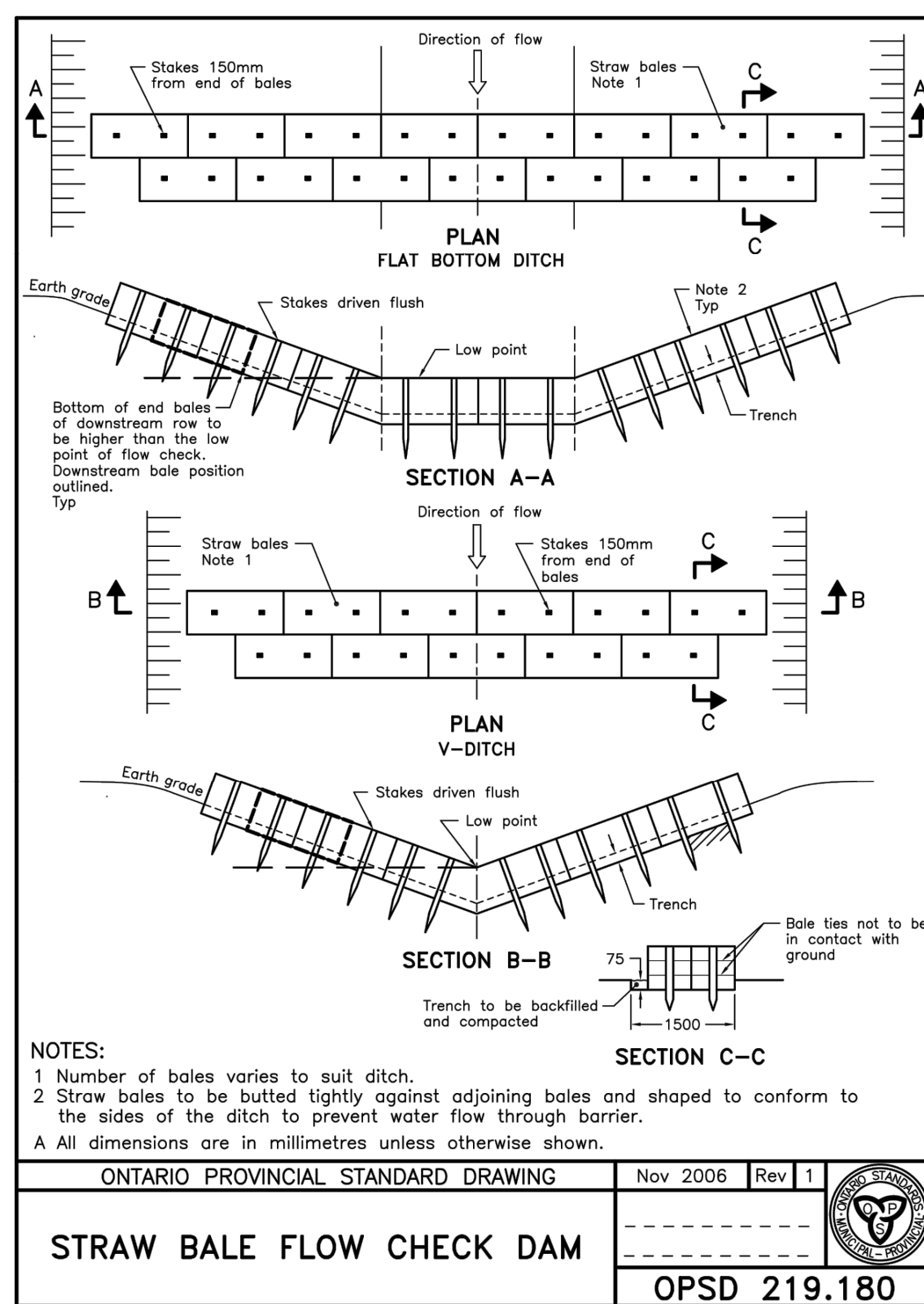
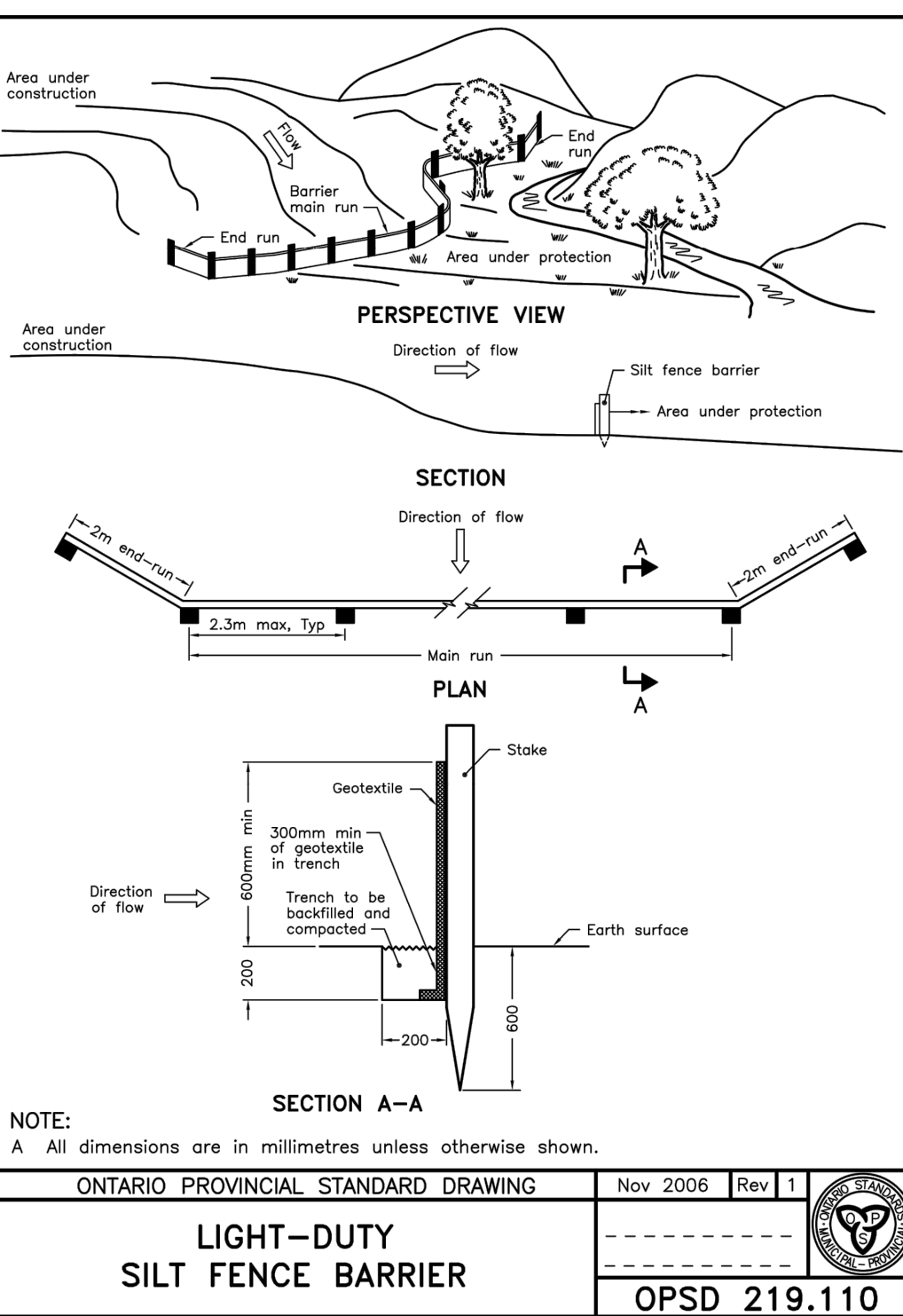
SHEET SET



LEGEND - EROSION & SEDIMENT	
	PROPERTY LINES
	TOP OF TERRACING
	EDGE OF ROAD
	LIGHT DUTY SILT FENCE AS PER OPSD 219.110
	STRAWBALE FLOW BARRIER AS PER OPSD 219.180

SEDIMENT & EROSION CONTROL PLAN
SCALE = 1:750

- SEDIMENT & EROSION NOTES**
- Prior to construction, silt fence barriers will be placed along the front of the site as indicated on the drawing.
 - Straw bale flow check dams to be installed in swales as indicated. These controls will be cleaned after large storm events and maintained throughout construction. If deemed necessary, additional straw bale check dams and silt fences can be installed where required throughout construction.
 - All activities, including equipment maintenance and refueling, shall be controlled to prevent entry of petroleum products or other deleterious substances, including any debris, waste, rubble or concrete material into a watercourse. Refueling and maintenance of vehicles will take place at least 120 metres from the municipal drainage ditch. Any material which is inadvertently spilled shall be cleaned up and removed by the contractor at the contractor's expense in a manner satisfactory to the Contract Administrator. Construction material, excess material, construction debris, and empty containers shall be stored a minimum of 120 metres away from the municipal drainage ditch.
 - The Contractor shall have on site at all times an emergency spill kit that will include as a minimum the following items:
 - 2-3 in. diameter by 4 ft long floating absorbent boom suitable for water installation
 - 10 - 18 in x 18 in absorbent pads
 - 5 lbs Zorbal absorbent material
 - 1 pair goggles, 1 pair PVC gloves
 - Contractor to have a supply of 20 - 40 lb. bags of Zorbal, 2 boxes of 4 ft floating absorbent boom (suitable for water installation, 40 pcs) and 1 box of 18 in. x 18 in. absorbent pads (100 pcs.) on site.
 - All spills will be reported to the local office of the Ministry of Environment as well as the Contract Administrator as soon as they happen. Spills action centre phone hotline # 1-800-268-6060.
 - Every effort will be made to ensure that all disturbed areas are topsoiled and seeded as soon as reasonably possible.
 - As each lot is developed, proper sediment and erosion controls will be installed and maintained until the development of the lot is completed and the vegetative cover is established. Sediment controls shall consist of, at minimum straw bales or a silt fence barrier at the down gradient property line. Grass shall be established as soon as reasonably possible.
 - This drawing is a living document which can be amended as required by the Conservation Authority, City of Ottawa, or Engineer during construction.



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- Any changes made to this plan must be verified and approved by Kollaard Associates Inc.

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0	ISSUED FOR SUBDIVISION APPROVAL	SEP 23/2021	RR/NL

Kollaard Associates
Engineers

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Licensed Professional Engineer
SEPT. 23, 2021
S.E. deWit
100079612
PROVINCE OF ONTARIO

DESIGN KL/SD/WK
CHECKED SD
DRAWN PV/RR
CHECKED SD
APPROVED SD

SCALE
1:750

0 10 20 30
5 20

PROJECT LOCATION 2050 DUNROBIN ROAD, CITY OF OTTAWA, ONTARIO	PROJECT No. 200977
CLIENT NAME ZBIGNIEW HAUDEROWICZ	DRAWING No. 200977-ESC
PROJECT NAME PROPOSED RESIDENTIAL SUBDIVISION	DATE MARCH 09, 2021
DRAWING EROSION & SEDIMENT CONTROL PLAN	SHEET SET