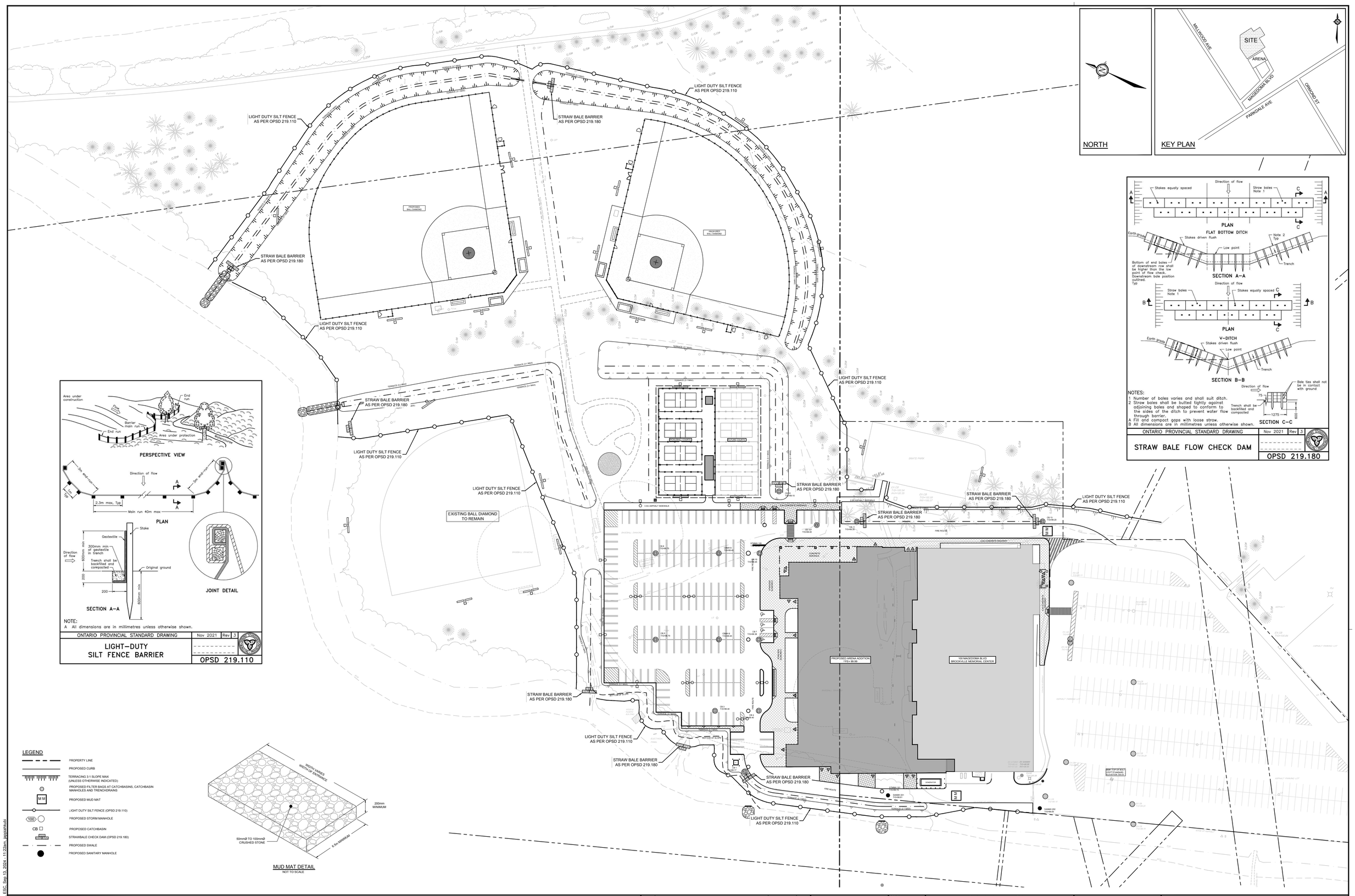
ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2021	Rev. 3
LIGHT–DUTY SILT FENCE BARRIER		OPSD 219.110



NOTES:
1 Number of bales varies and shall suit ditch.
2 Straw bales shall be butted tightly against adjoining bales and shaped to conform to the sides of the ditch to prevent water flow through barrier.
A Fill and compact gaps with loose straw.
B All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2021	Rev. 3
STRAW BALE FLOW CHECK DAM		OPSD 219.180

LEGEND

- PROPERTY LINE
- PROPOSED CURB
- TERRACING 3:1 SLOPE MAX (UNLESS OTHERWISE INDICATED)
- PROPOSED FILTER BAGS AT CATCHBASINS, CATCHBASIN MANHOLES AND TRENCHDRAINS
- MM PROPOSED MUD MAT
- LIGHT DUTY SILT FENCE (OPSD 219.110)
- 100 PROPOSED STORM MANHOLE
- CB PROPOSED CATCHBASIN
- STRAW BALE CHECK DAM (OPSD 219.180)
- PROPOSED SWALE
- PROPOSED SANITARY MANHOLE

MUD MAT DETAIL
NOT TO SCALE

NOTE:
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No.	REVISION	mm/dd/yy	BY
5.	ISSUED FOR PERMIT	OCT 11/24	MJH
4.	ISSUED FOR 99% COSTING SUBMISSION	SEPT 13/24	MJH
3.	ISSUED FOR FINAL COORDINATION	JUL 26/24	MJH
2.	ISSUED FOR 95% CONTRACT DOCUMENT SUBMISSION	JUN 14/24	MJH
1.	ISSUED FOR 80% REVIEW AND COORDINATION	MAY 16/24	MJH

SCALE
1:600
1:600
0 6 12 18 24

DESIGN MJH
CHECKED MJH
DRAWN DMM
CHECKED MJH
APPROVED JLS

FOR REVIEW ONLY

LICENSED PROFESSIONAL ENGINEER
M.J. HRKHORIAK
100211256
OCT 11/24
PROVINCE OF ONTARIO

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Telephone (613) 254-9643
Facsimile (613) 254-5867
Website www.novatech-eng.com

LOCATION
CITY OF BROCKVILLE
BROCKVILLE MEMORIAL ARENA EXPANSION

DRAWING NAME
EROSION AND SEDIMENT CONTROL PLAN

PROJECT No. 122197
REV REV # 5
DRAWING No. 122197-ESC

PLAMBFLDWG - 10859mm/185mm

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LEGEND

- PROPERTY LINE
- 77.50 — PROPOSED ELEVATION
- 76.35(S) — PROPOSED SWALE ELEVATION
- 76.35TC — PROPOSED TOP OF CURB ELEVATION
- 72.15TW — PROPOSED TOP OF RETAINING WALL
- 71.23BW — PROPOSED BOTTOM OF RETAINING WALL
- DIRECTION OF MAJOR OVERLAND FLOW
- PROPOSED SAN MANHOLE
- PROPOSED STORM MANHOLE
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- H.P. — PROPOSED HIGH POINT
- PROPOSED SWALE AND DIRECTION OF FLOW
- PROPOSED LIGHT FIXTURE
- TERRACING 3:1 SLOPE MAX (UNLESS OTHERWISE INDICATED)
- 2.0% — SLOPE AND DIRECTION
- PROPOSED BUILDING ENTRANCE
- PROPOSED CURB (OPSD 600.110)
- DC — PROPOSED DEPRESSED CURB (OPSD 600.110)
- SAN MH — EXISTING SANITARY MANHOLE
- STM MH — EXISTING STORM MANHOLE
- EXISTING CATCHBASIN MANHOLE
- CB — EXISTING CATCHBASIN
- EXISTING FENCE
- OHW — EXISTING OVERHEAD WIRES
- LS — EXISTING STREETLIGHT

NORTH

KEY PLAN

MATCH INTO EXISTING ASPHALT PATHWAY ELEVATIONS.

FUTURE SHARED PATHWAY

15.0m-400mmØ CSP CULVERT INV.S=100.20 INV.N=100.10

TERRACE (3:1 MAX)

1.0m FLAT BOTTOM SWALE

MATCH INTO EXISTING ELEVATIONS AT TOP OF BANK

PROPOSED BALL DIAMOND

FILL AREA AS REQUIRED TO ENSURE POSITIVE DRAINAGE TOWARDS THE PROPOSED SWALE.

PROPOSED BALL DIAMOND

PLEASE REFER TO DRAWING NO. 122197-ND FOR SWALE OUTLET & OVERFLOW DETAIL - DI 2

DI 2
600x1200 3:1 DI LID
(OPSD 705.040)
T/G=99.26
W INV=98.26

15.3m-300mmØ STM @ 1.00%

PROVIDE RODENT GRATE ON OUTLET PIPE
STM INV=98.11

FILL AREA AS REQUIRED TO ENSURE POSITIVE DRAINAGE TOWARDS THE PROPOSED SWALE.

MATCH INTO EXISTING ELEVATIONS AT TOP OF BANK

15.7m-300mmØ STM @ 1.00%

PROVIDE RODENT GRATE ON OUTLET PIPE
STM INV=97.34

PLEASE REFER TO DRAWING NO. 122197-ND FOR SWALE OUTLET & OVERFLOW DETAIL - DI 1

DI 1
600x1200 3:1 DI LID
(OPSD 705.040)
T/G=98.50
NW INV=97.50

EXISTING BALL DIAMOND TO REMAIN

MATCH INTO EXISTING ELEVATIONS

PICKLEBALL COURTS

FUTURE COURTS

GRADING LIMIT

REFER TO 121133-ND FOR ADDITIONAL NOTES

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8.	ISSUED FOR FINAL COORDINATION	JUL 26/24	MJH
7.	ISSUED FOR 95% CONTRACT DOCUMENT SUBMISSION	JUN 14/24	MJH
6.	ISSUED FOR COORDINATION	JUN 7/24	MJH
5.	ISSUED FOR 80% REVIEW AND COORDINATION	MAY 16/24	MJH
4.	ISSUED FOR CITY REVIEW - DRAFT SPA	MAY 15/24	MJH
3.	ISSUED FOR DESIGN DEVELOPMENT	JAN 12/24	MJH
2.	ISSUED FOR DESIGN DEVELOPMENT	NOV 3/23	MJH
1.	ISSUED WITH DESIGN BRIEF	MAY 05/23	MJH

SCALE
1:300
1:300
0 3 6 9 12

DESIGN MJH
CHECKED MJH
DRAWN DMM
CHECKED MJH
APPROVED JLS

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LOCATION
CITY OF BROCKVILLE
BROCKVILLE MEMORIAL ARENA EXPANSION

DRAWING NAME
GRADING PLAN EAST

PROJECT No. 122197
REV REV # 10
DRAWING No. 122197-GR2

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PLASMAP1.2W97 - 5393mmx765mm