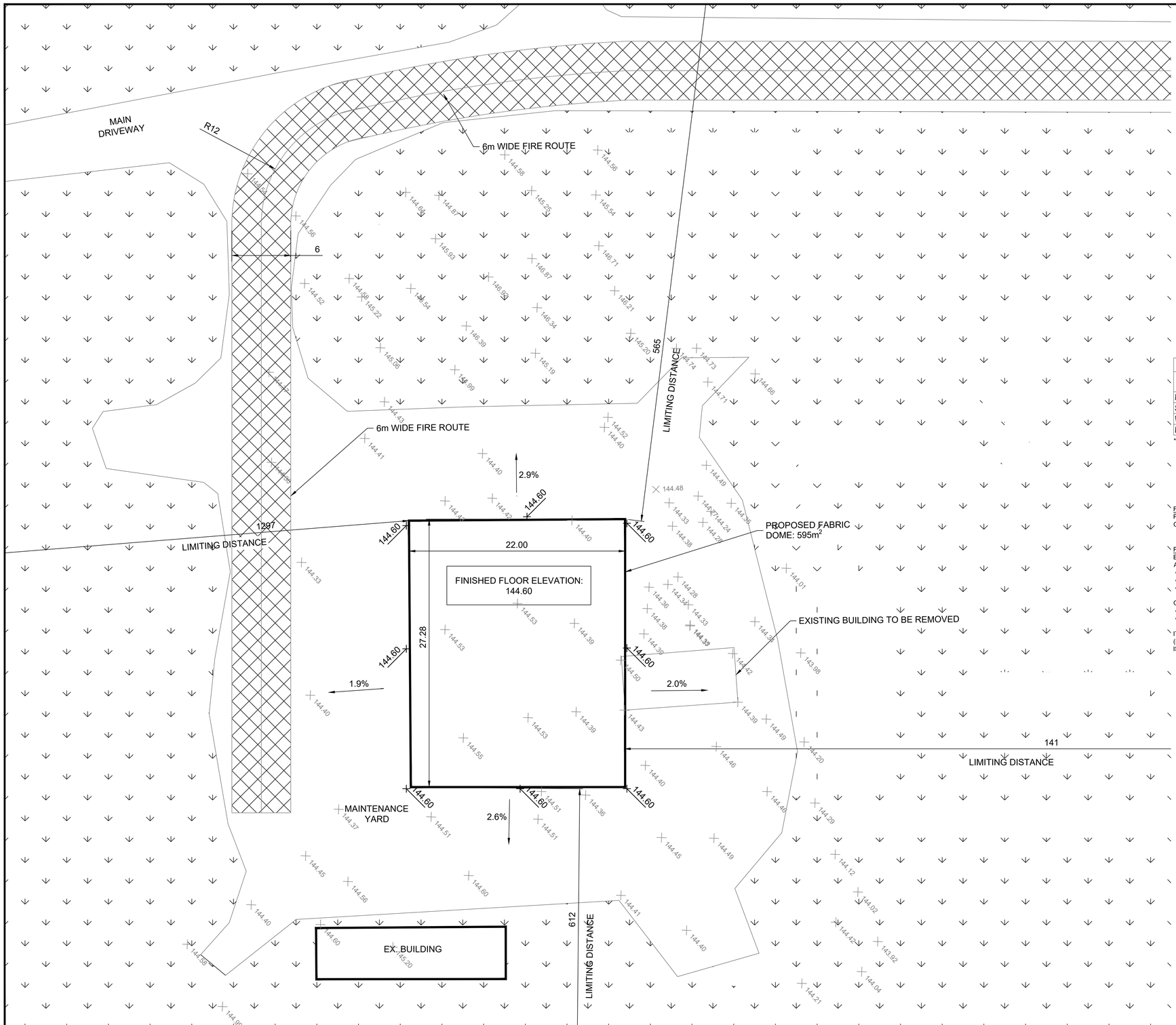
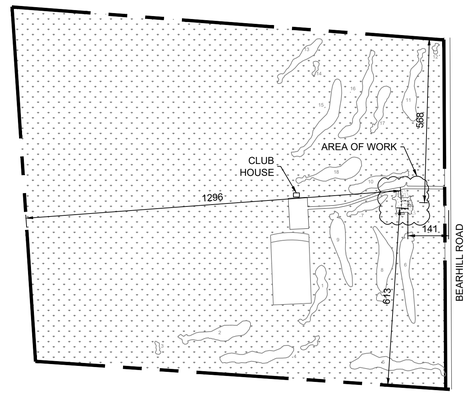


PLAN VIEW

SCALE: 1:200



KEY PLAN

SCALE: 1:1000

Spatial Separation - PROPOSED DOME

Wall	Area of EBF (m²)	L.D. (m)	L/H or H/L	Permitted % of Openings	Proposed % of Openings	FRR (Hours)	Listed Dsgn or Discript.	Comb. Const.
North	100	568	8.4	100%	0%	0	N/A	NO
South	100	613	8.4	100%	0%	0	N/A	NO
West	81	1318	6.9	100%	20.5%	0	N/A	NO
East	81	113	6.9	100%	20.5%	0	N/A	NO

*ASSUMED WALL HEIGHT OF 3.66m

FOUNDATION NOTE:
PROPOSED FOUNDATION OF THE DOME IS A STRIP FOOTING CONSISTING OF PRECAST CONCRETE BLOCKS CONSTRUCTED AT GRADE.

FIRE ACCESS ROUTE NOTE:
EXISTING DRIVEWAY AND GRAVEL AREA NOTED AS THE ROUTE FOR FIRE ACCESS IS TO CONSIST OF A MINIMUM OF:

- 200mm GRANULAR B
- 150mm GRANULAR A
- 50mm HL3

OR ...

- 200mm GRANULAR B
- 150mm GRANULAR A

IT IS NOTED THAT THE EXISTING PATH NOTED HAS BEEN USED IN THE PAST (FOR MANY YEARS) BY THE OTTAWA FIRE SERVICE FOR TRAINING WITHOUT ISSUE.

REVISION

DATE (MM/DD/YY)	REV No.	REASON FOR REVISION	BY	APP'D BY

ISSUE No.	REV No.	DATE (MM/DD/YY)	REASON FOR ISSUE	BY	APP'D BY
5	E	05/11/26	ISSUED FOR PERMIT	KJM	KJM
4	D	01/16/24	ISSUED FOR PERMIT	VB	KJM
3	C	06/26/23	ISSUED FOR PERMIT	VB	KJM
2	B	06/22/23	ISSUED FOR PERMIT	VB	KJM
1	A	05/29/23	ISSUED FOR PERMIT	TMG	KJM

ISSUE

CONSULTANT
HSP Engineering and Environmental Services
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STAMP

LICENSED PROFESSIONAL ENGINEER
K. J. MAC DONALD
100104601
May 11/26
PROVINCE OF ONTARIO

NORTH ARROW

N

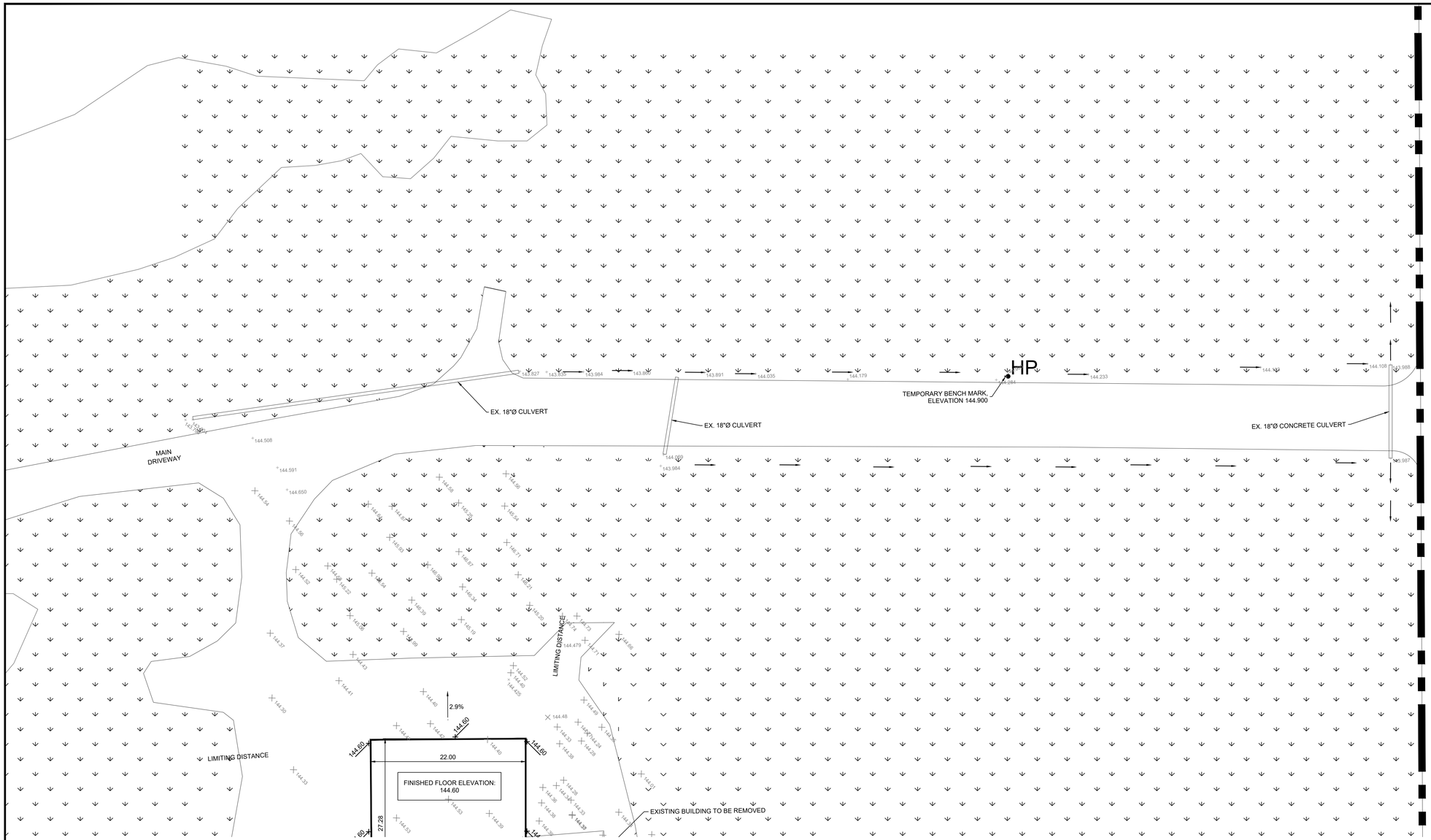
CLIENT:
GREENSMERE GOLF AND COUNTRY CLUB
CARP, ON
K0A 1L0

PROJECT:
PROPOSED FABRIC DOME
SITE PLAN AND GRADING

DESIGNED BY:	CHECKED BY:
K.MacDONALD	V. BOILEAU
DRAWN BY:	APPROVED BY:
V.BOILEAU	K.MacDONALD
SCALE: AS SHOWN	DRAWING No. SP1
DATE: MAY 26, 2023	PROJECT No. 10838
	SHEET 1 of 2 REVISION: E

H:\Greensmere Golf Club\10838 - Dome Code Assistance\Civil\March 2026\Civil May 11 2026.dwg

5/11/2026 10:28 AM



PLAN VIEW

SCALE: 1:300

LEGEND:

→ = WATER FLOW DIRECTION

HP = HYDROPOLE

NOTE:
FIREFIGHTING ACCESS IS SUITABLE TO THE SITE WITH THE EXISTING GRAVEL PATHS AS THESE HAVE ALSO BEEN USED IN THE PAST BY THE OFS.

TEMPORARY BENCHMARK
A BENCHMARK WAS SET ON THE WEST SIDE OF THE HYDRO POLE ALONG THE ENTRANCE DRIVEWAY TO THE GOLF CLUB, AS NOTED ABOVE.
ELEVATION IS 144.90m

TOPOGRAPHIC INFO DERIVED FROM GPS MEASUREMENTS FROM CANSEL NETWORK. COORDINATES WERE DERIVED FROM REAL TIME NETWORK OBSERVATIONS (USING THE CAN-NET) NETWORK UTM, ZONE 18, NAD83.

REVISION

DATE (MM/DD/YY)	REV No.	REASON FOR REVISION	BY	APP'D BY

ISSUE No.	REV No.	DATE (MM/DD/YY)	REASON FOR ISSUE	BY	APP'D BY
2	B	05/11/26	ISSUED FOR PERMIT	KJM	KJM
1	A	01/15/24	ISSUED FOR PERMIT	VB	KJM

ISSUE

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STAMP

LICENSED PROFESSIONAL ENGINEER
K. J. MAC DONALD
100104601
May 11/26
PROVINCE OF ONTARIO

NORTH ARROW

N

CLIENT:
GREENSMERE GOLF AND COUNTRY CLUB
CARP, ON
K0A 1L0

PROJECT:
PROPOSED FABRIC DOME

BENCHMARK AND DRAINAGE OUTLET

DESIGNED BY:	CHECKED BY:
K.MacDONALD	K. MACDONALD
DRAWN BY:	APPROVED BY:
V.BOILEAU	K.MacDONALD
SCALE: AS SHOWN	DRAWING No. SP2
DATE: DECEMBER 2023	PROJECT No. 10838
SHEET 2 of 2	REVISION: B

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