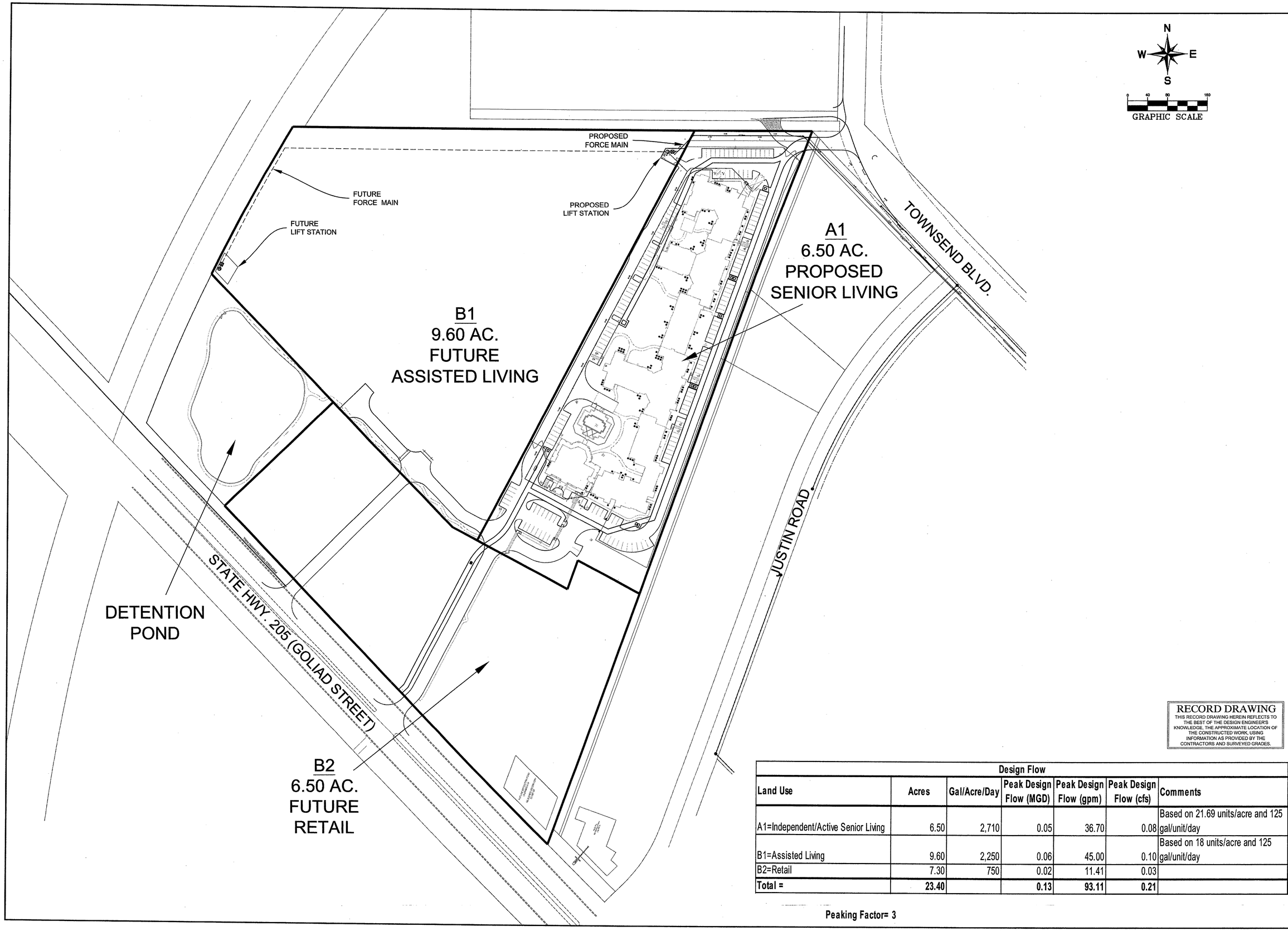

RECORD DRAWING
THIS RECORD DRAWING HEREIN REFLECTS TO THE BEST OF THE DESIGN ENGINEERS KNOWLEDGE, THE APPROXIMATE LOCATION OF THE CONSTRUCTED WORK, USING INFORMATION AS PROVIDED BY THE CONTRACTORS AND SURVEYED GRADES.

Design Flow

Land Use	Acres	Gal/Acre/Day	Peak Design Flow (MGD)	Peak Design Flow (gpm)	Peak Design Flow (cfs)	Comments
A1=Independent/Active Senior Living	6.50	2,710	0.05	36.70	0.08	Based on 21.69 units/acre and 125 gal/unit/day
B1=Assisted Living	9.60	2,250	0.06	45.00	0.10	Based on 18 units/acre and 125 gal/unit/day
B2=Retail	7.30	750	0.02	11.41	0.03	
Total =	**23.40**		**0.13**	**93.11**	**0.21**	

Peaking Factor= 3

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MARTY S. PARS
84766
LICENSED
PROFESSIONAL ENGINEER
5-22-07

EVERGREEN AT ROCKWALL

SANITARY SEWER DRAINAGE AREA & CALCULATIONS

Scale: AS SHOWN
Designed by: KHA
Drawn by: KHA
Checked by: KHA
Date: MAY 2008
Project No. 063590013

SHEET
C-30