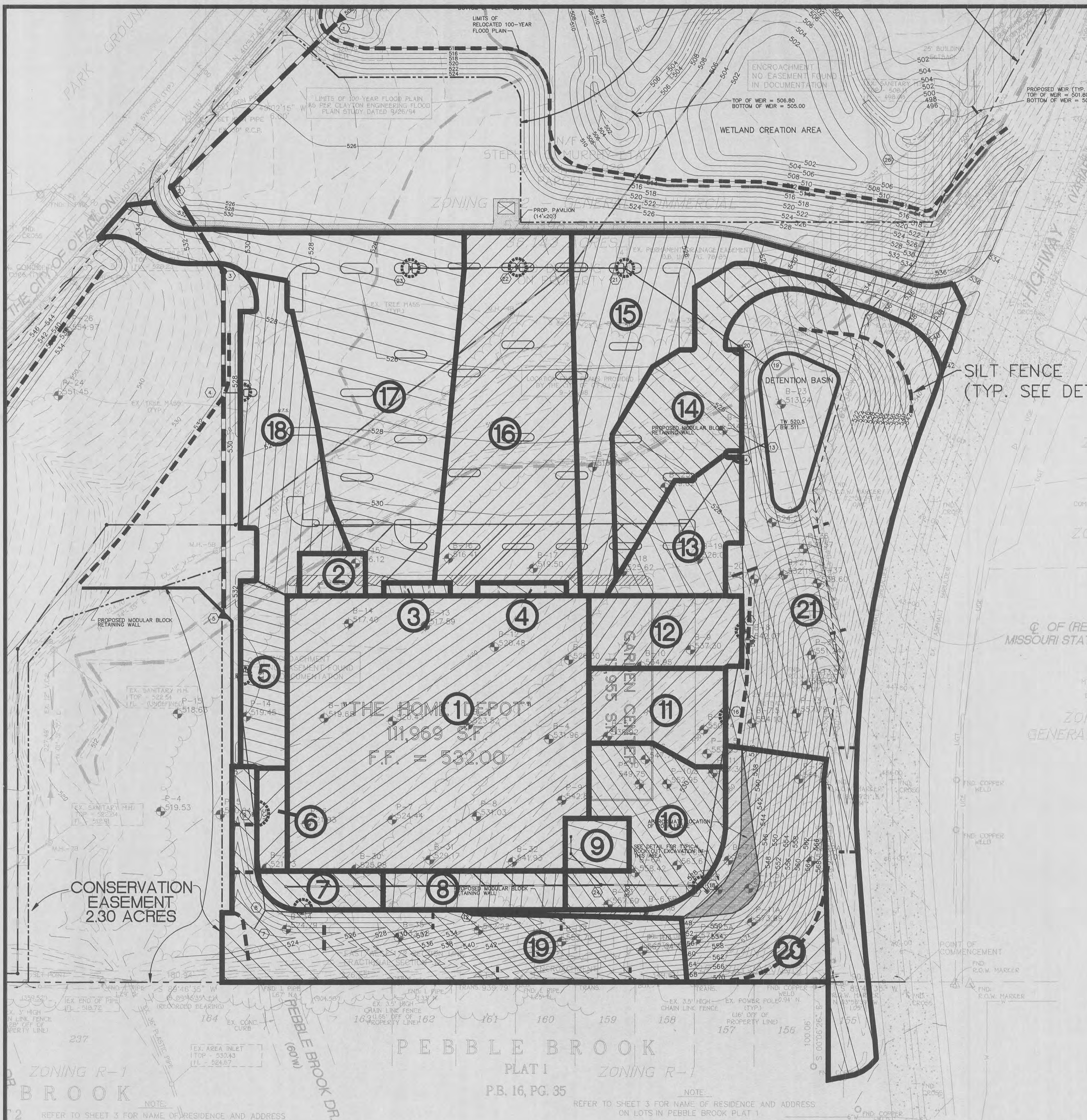


**DRAINAGE AREAS ONLY
NOT TO BE USED
FOR CONSTRUCTION**

DRAINAGE AREA CHART
15 YEAR FREQUENCY 20 MINUTE DURATION

DRAINAGE AREA	AREA (Acres)		Q c.f.s.	REMARKS
	5% IMPERVIOUS P.I. = 1.87	100% IMPERVIOUS P.I. = 3.85		
1		2.57	9.89	DETENTION BASIN
2		0.088	0.34	DETENTION BASIN
3		0.027	0.10	DETENTION BASIN
4		0.036	0.14	DETENTION BASIN
5		0.266	1.02	DIRECT RUNOFF
6		0.098	0.38	DIRECT RUNOFF
7		0.141	0.54	DIRECT RUNOFF
8		0.223	0.86	DIRECT RUNOFF
9		0.105	0.40	DETENTION BASIN
10		0.592	2.28	DETENTION BASIN
11		0.360	1.39	DETENTION BASIN
12		0.349	1.34	DETENTION BASIN
13		0.367	1.41	DETENTION BASIN
14		0.691	2.66	DETENTION BASIN
15		1.107	4.26	DETENTION BASIN
16		1.391	5.35	DETENTION BASIN
17		1.713	6.59	DETENTION BASIN
18		0.750	2.89	DIRECT RUNOFF
19	1.13		2.11	OFFSITE RUNOFF
20	0.913		1.71	DETENTION BASIN
21	2.62		4.90	DETENTION BASIN



REFER TO SHEET 3 FOR NAME OF RESIDENCE AND ADDRESS ON LOTS IN PEBBLE BROOK PLAT 2

REFER TO SHEET 3 FOR NAME OF RESIDENCE AND ADDRESS ON LOTS IN PEBBLE BROOK PLAT 1

THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEARS ON THIS DRAWING ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS DRAWING AND DISCLAIMS (PURSUANT TO SECTION 324.411 RSMO) ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS DRAWING REFERS.

James B. Becker
3-17-99

DRAINAGE AREA MAP

REVISIONS
DATE

DEVELOPER: **THE HOME DEPOT**
SOUTHWEST DIVISION
2800 FOREST LANE
DALLAS, TX. 75234

CONSULTING ENGINEERS
James B. Becker

PROJECT: **THE HOME DEPOT**
O'FALLON, MISSOURI

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SUITE A
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PHONE (314) 638-8992
FAX (314) 638-8997

ISSUE DATE:	03/19/99
DRAWN BY:	TMM
DATE:	10/19/98
CHECKED BY:	MLO
DATE:	10/19/98
SCALE:	1" = 50'
JOB NUMBER:	4625
SHEET NUMBER:	DA