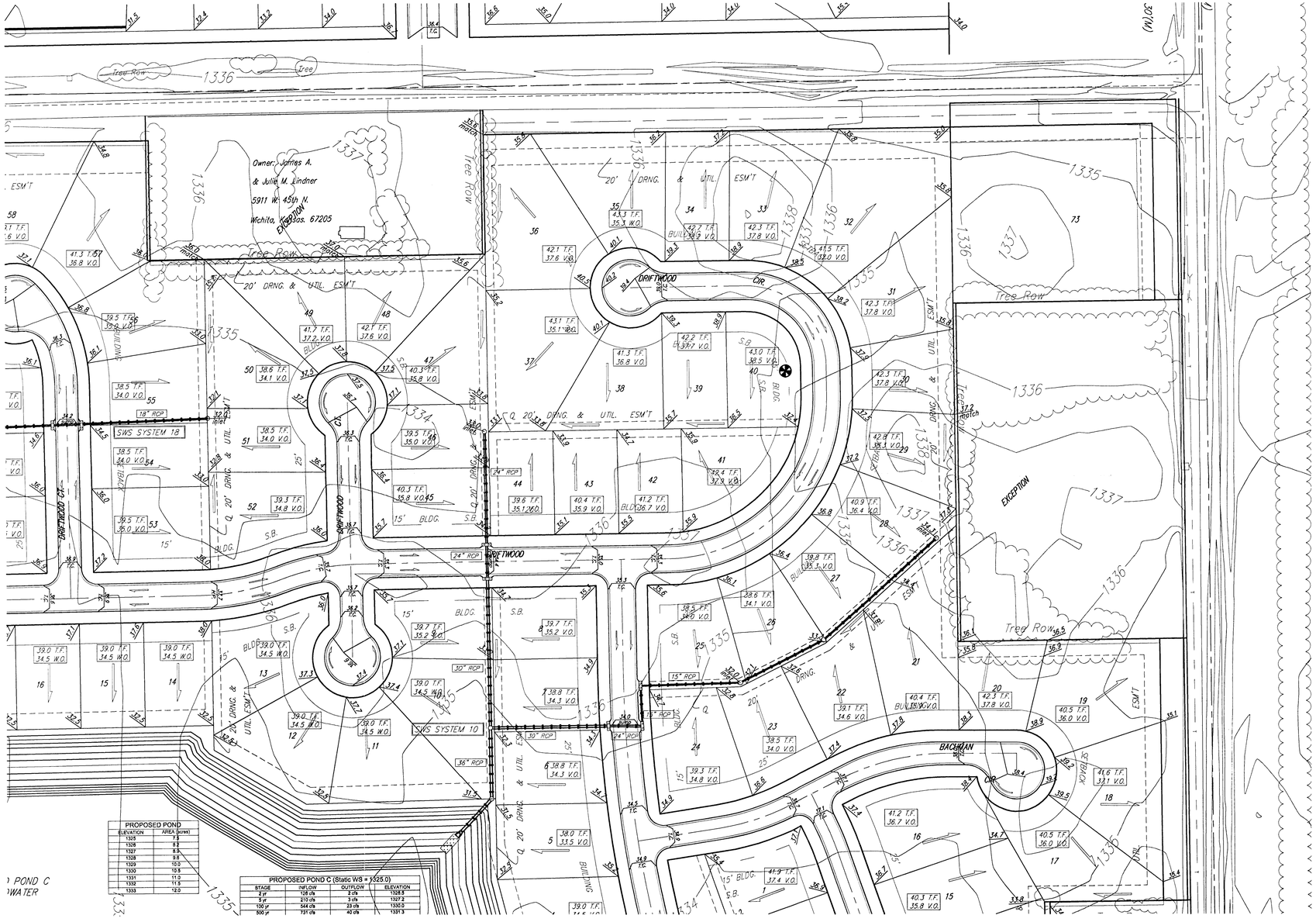
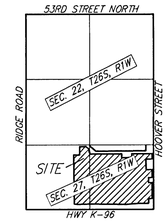
GRADING PLAN
EDGE WATER ADDITION
WICHITA, SEDGWICK COUNTY, KANSAS



PROPOSED POND	
ELEVATION	AREA (Acres)
1325	7.5
1326	8.2
1327	8.9
1328	9.8
1329	10.6
1330	10.5
1331	11.0
1332	11.9
1333	12.0

PROPOSED POND C (Static WS = 1325.0)			
STAGE	INFLOW	OUTFLOW	ELEVATION
2 yr	128 cfs	2 cfs	1326.5
5 yr	210 cfs	3 cfs	1327.2
100 yr	544 cfs	23 cfs	1330.0
500 yr	731 cfs	40 cfs	1331.3

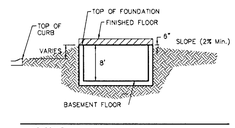


VICINITY MAP

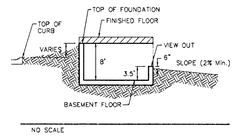
0 60 120

DATE OF PREPARATION: 23 JANUARY 2007

BENCHMARK:
HOOVER AND 45TH ST. NORTH
COM BENCHMARK NE CORNER OF INTERSECTION
10.00 FT TOP OF PIN
50.00 FT EAST OF SAS MH NW CORNER
50.00 FT SOUTH OF GAS LINE MARKER
59.00 FT NORTH OF GAS LINE MARKER
28.50 FT EAST OF CENTERLINE
14.50 FT NORTH OF CENTERLINE
ELEVATION 1333.39 (NGVD 29)



NO SCALE



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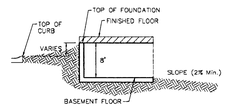

NO SCALE

NOTES:

1. PROPOSED TOP OF FOUNDATION ELEVATIONS ARE SHOWN ON PLANS. CONTRACTOR TO SET FINISHED FLOOR AND GARAGE FLOOR ELEVATIONS. ALL STREET ELEVATIONS SHOWN ON PLANS ARE FOR TOP OF CURB (FULL-HEIGHT).

2. THIS GRADING PLAN IS DESIGNED WITH VIEW-OUTS AND WALK-OUTS. ELEVATIONS SHOWN AS XX.X V.O. DEPICT VIEW-OUT STRUCTURES. ELEVATIONS SHOWN AS XX.X W.O. DEPICT WALK-OUT STRUCTURES.

3. ALL LOTS SHALL MEET MINIMUM PAD REQUIREMENT AS SHOWN ON THE RECORDED PLAT.

MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENING TO THE STRUCTURES		
LOT	BLOCK	ELEVATION NO.1929
118-119	A	1336.0
1-6,10-25	C	1333.1
35-38,40-54	C	1333.1
56-67	D	1333.1

4. LOT DIMENSIONS HAVE BEEN OMITTED ON THIS PLAN. REFER TO THE RECORDED PLAT FOR FINAL DIMENSION, EASEMENT, & BUILDING SETBACK INFORMATION.

5. HOUSE PAD ELEVATIONS DEPICTED WITH BOLD OUTLINES AND NOTED WITH THIS SYMBOL ⊕ INDICATE THAT DEEP FOOTINGS OR DEEP FOUNDATIONS MAY BE REQUIRED.

6. A DRAINAGE PLAN HAS BEEN DEVELOPED FOR THIS SUBDIVISION AND IS ON FILE WITH THE CITY OF WICHITA, KANSAS. DRAINAGE INTENT SHALL REMAIN AS DEPICTED OR AS MODIFIED WITH THE APPROVAL OF THE CITY ENGINEER OF THE CITY OF WICHITA, KANSAS. NO OBSTRUCTIONS WHICH IMPEDE THE FLOW OF THIS DRAINAGE PLAN SHALL BE ALLOWED.

7. ALL ELEVATIONS SHOWN ARE IN NVGD.

NOTES: No FEMA Special Flood Hazard Area exists on this property as of January 25, 2007.

Ponds will retain all runoff from the proposed subdivision. The proposed ponds will provide adequate storage for the site's 100-year rainfall with no outlet.

Vegetative Filter Strip

Rip-Rap Section

23 JANUARY 2007

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Baughman ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

F:\HYDRO\Projects\Russell - 45th & Hoover\45TH&HOOVER_draingrade.dwg