

DRAINAGE & GRADING PLAN

CEDAR HILLS ESTATES

SEDGWICK COUNTY, KANSAS

Pond Outfall consists of a 15" RCP at static pool elevation (1414.0) with a 5' weir spillway at elevation 1416.0 - as shown.

Proposed pond overflow grading

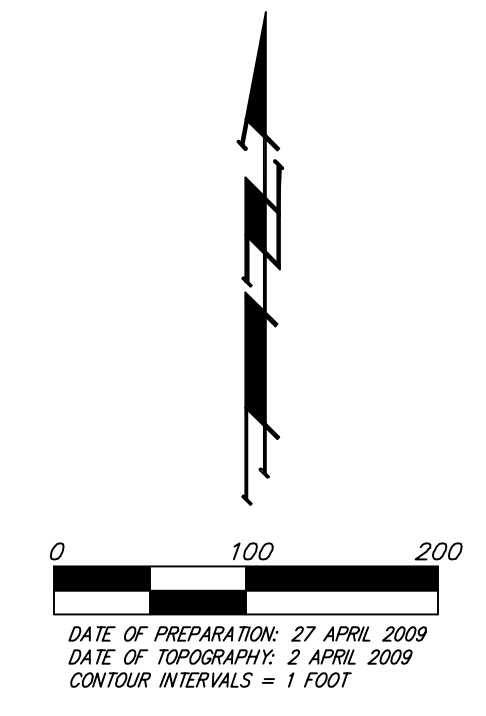
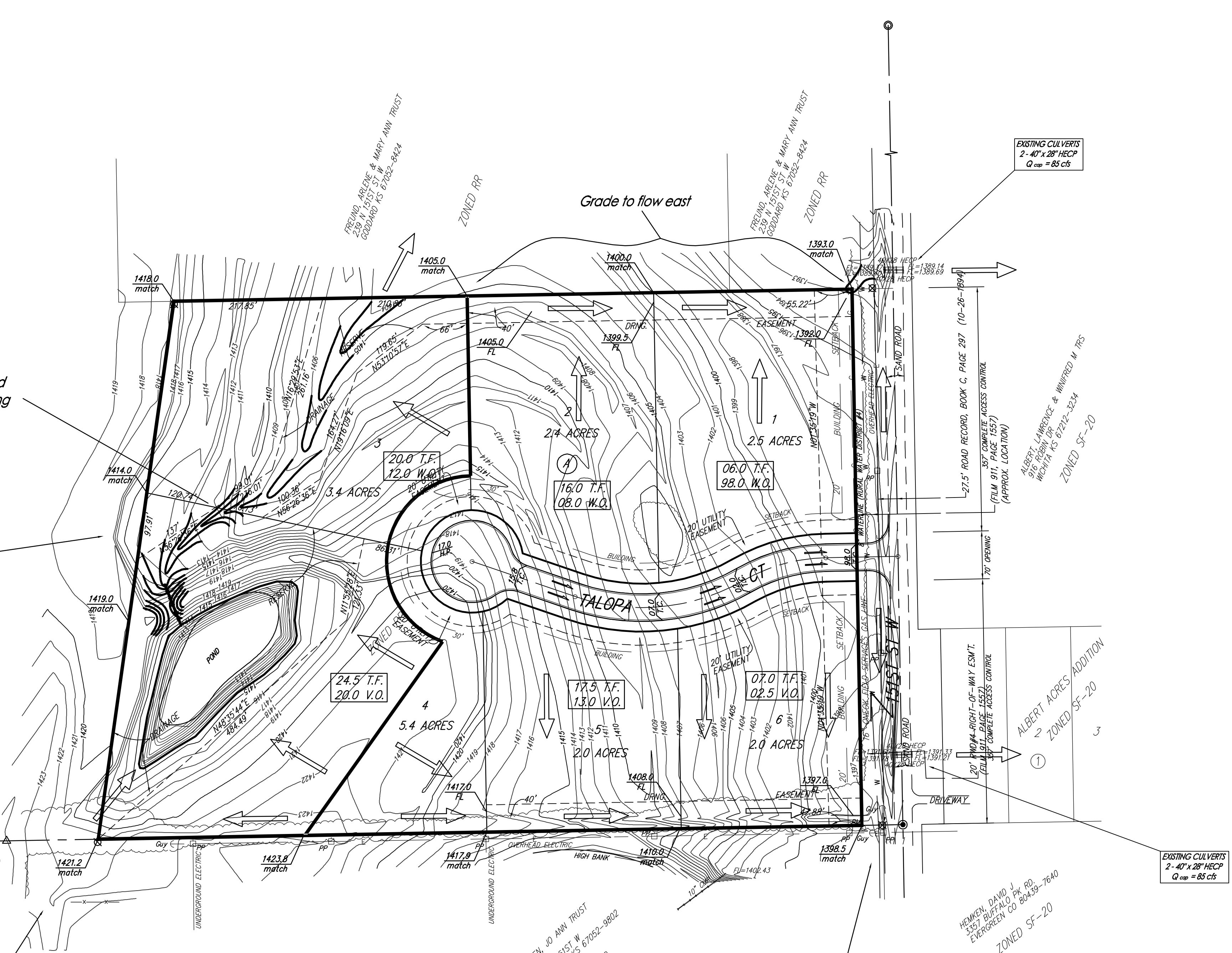
OFFSITE DRAINAGE AREA
2.6 acres

STAGE	INFLOW	OUTFLOW	ELEVATION
2 yr	25 cfs	5 cfs	1415.4
10 yr	49 cfs	18 cfs	1416.4
100 yr	86 cfs	44 cfs	1417.4

ELEVATION	AREA (sq ft)
1414	31000
1415	36000
1416	45000
1417	49000
1418	53000

OFFSITE DRAINAGE AREA
16 acres

OFFSITE DRAINAGE AREA
11.0 acres



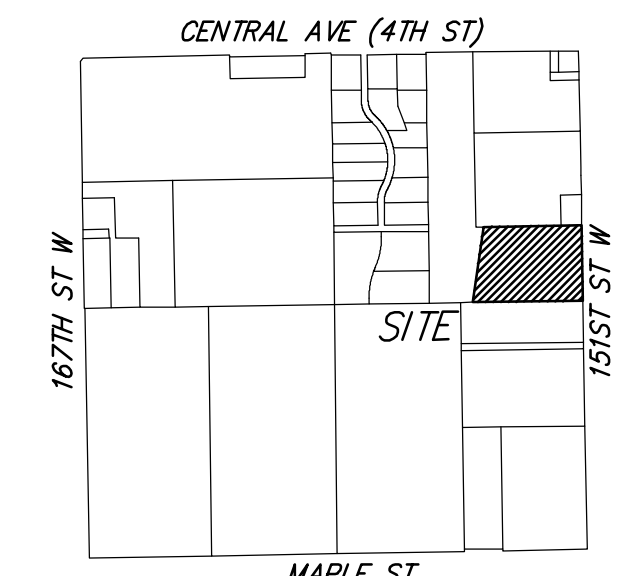
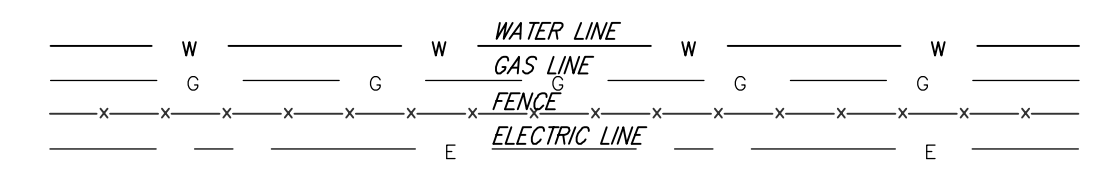
OWNER/DEVELOPER:
JASON WENZEL
240 N. REECE RD.
GODDARD, KS 67052
PH: 316-641-6144

LEGAL DESCRIPTION:
A TRACT IN THE NE1/4 OF SEC. 22,
TWP. 27-S, R-2-W OF THE 6TH P.M.,
SEDGWICK COUNTY, KANSAS,
DESCRIBED AS BEGINNING AT THE SE
CORNER THEREOF; THENCE NORTH
ALONG THE EAST LINE OF SAID NE1/4,
784 FEET; THENCE WEST PARALLEL
WITH THE SOUTH LINE OF SAID NE1/4,
1751 FEET; THENCE SOUTHWESTERLY TO
A POINT ON THE SOUTH LINE OF SAID
NE1/4, SAID POINT BEING 1176 FEET
WEST OF THE SE CORNER THEREOF;
THENCE EAST 1176 FEET TO
BEGINNING, SUBJECT TO ROAD
EASEMENT ON EAST 30 FEET THEREOF.

RAILROAD SPIKE IN EAST FACE POWER POLE
250' NE OF THE SE COR. NE1/4, SEC. 22,
TWP. 27-S, R-2-W
ELEV. = 1398.81 (NAVD 88)

- = #4 REBAR W/ "BAUGHMAN" CAP (SET)
- = #4 REBAR W/ "TERRATECH" CAP (FOUND)
- △ = 3/4" IRON (FOUND)
- ⊗ = 1/2" IRON PIPE (FOUND)
- = STONE (FOUND)
- ⊕ = 1/2" IRON PIPE OVER STONE (FOUND)
- ⊙ = IP W/COUNTY CAP (FOUND)

pp □ = Power Pole
Guy C = Guy Anchor
PM Δ = Pipeline Marker



NOTE: This site does not lie within a FEMA SFHA based on FEMA FIRM Panels 310 & 320 of 700 for Sedgwick County, Kansas, effective February 2, 2007.

NOTE: Remove terracing at time of site development.

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24 July 2009

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Baughman ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE