"I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS TOPOGRAPHY, INDICATED BY CONTOURS AND ELEVATIONS SHOWN HEREON, REPRESENTS AN ACTUAL FIELD SURVEY MADE BY ME ON 20_10, AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT, AS OF THAT DATE, THEY EXISTED AS INDICATED HEREON.

I FURTHER CERTIFY THAT THIS PLAN WAS PREPARED BY ME FROM AN ACTUAL BOUNDARY SURVEY AND IRON PINS WERE FOUND OR SET AT THE PROPERTY CORNERS AND ALL OF WHICH IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF."

I FURTHER CERTIFY THAT THIS SEWAGE SYSTEM DESIGN MEETS THE MINIMUM REQUIREMENTS ESTABLISHED BY THE LCGHD IN THE HSTS GUIDANCE MANUAL, AND THE REQUIREMENTS AND RECOMENDATIONS OF THE SYSTEM MANUFACTURER.

STAN R. LOCH P.S. #8249 — DATE: 1-29-10

STATE OF OHIO — STAN LOCH — E-60002 — REGISTERED — PROFESSIONAL ENGINEER

STATE OF OHIO — STAN R. LOCH — 8249 — REGISTERED — PROFESSIONAL SURVEYOR

CURRENT ZONING: R-2A (RESIDENTIAL)
MIN FLOOR SPACE:
ONE AND ONE-HALF FLOOR DWELLINGS: 1,020 S.F. (ON THE GROUND FLOOR)
TWO FLOOR DWELLINGS: 1,440 S.F. PER FAMILY UNIT
(ALL OF WHICH MINIMUM FLOOR AREA SHALL ALSO HAVE A MINIMUM CEILING HEIGHT OF 7-1/2 FEET)
LOT REQUIREMENTS:
MIN LOT AREA: 1/2 ACRE
MINIMUM LOT WIDTH: 75 FEET
MINIMUM STREET FRONTAGE ON A CUL-DE-SAC: 50 FEET
YARD REQUIREMENTS:
MIN FRONT YARD SETBACK: 80 FEET FROM CENTERLINE OF ROAD, OR 50 FEET FROM RIGHT-OF-WAY; WHICHEVER IS GREATER
MIN SIDE YARD SETBACK: 15 FEET
MIN REAR YARD SETBACK: 50 FEET

LEGEND
- = IRON PIN FND
- = WATER METER
- = POWER POLE
- = GUY WIRE
- = CATCH BASIN
- = FIRE HYDRANT
- = TREE
- FLOW DIRECTION
- SWALE
- EXISTING GRADE / PROPOSED GRADE
- = SILT FENCE
- INLET PROTECTION

SEPTIC SYSTEM
A = CONTROL PANEL
B = HYDRAULIC UNIT
C = 30'-4" PVC @ 1% MIN
D = RETURN LINE
E = 1.5" SUPPLY LINE
F = 2000 GAL SEPTIC TANK 9'L x 7'W x 4.25'D
G = 2'-4" PVC
H = 2000 GAL DRIP DOSING TANK 9'L x 7'W x 4.25'D
I = 1" SUPPLY LINES
J = 1" COMMON RETURN LINE

NOTE:
DRIP SYSTEM INSTALLER TO PROVIDE A GRAVITY DRAIN OUT OF THE HYDRAULIC UNIT. DRAIN TO CONNECT TO HOUSE FOOTER TILE OR DRAIN TO DAYLIGHT.

SOIL TESTING WAS PERFORMED BY FLOYD McCLEARY CPSS ON MARCH 5, 2007
CERTIFICATION # ARCPACS-18357, AOP-1009
B-# = SOIL TEST BORING HOLE

REFERENCES:
1. COUNTY DEED RECORDS
2. COUNTY TAX MAPS
3. LOT SPLIT SURVEY FOR WILLIAM DAVIES BY: BABCOCK, JONES AND ASSOCIATES, INC. DATED: NOVEMBER 2ND, 2009

EXISTING UNDERGROUND UTILITIES NOTE:
THE SIZE AND LOCATION, BOTH HORIZONTAL AND VERTICAL, OF THE UNDERGROUND UTILITIES SHOWN HEREON HAVE BEEN OBTAINED BY A SEARCH OF AVAILABLE RECORDS. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED WHERE PRACTICAL, HOWEVER, AZTECH ENGINEERING AND SURVEYING CO., INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.

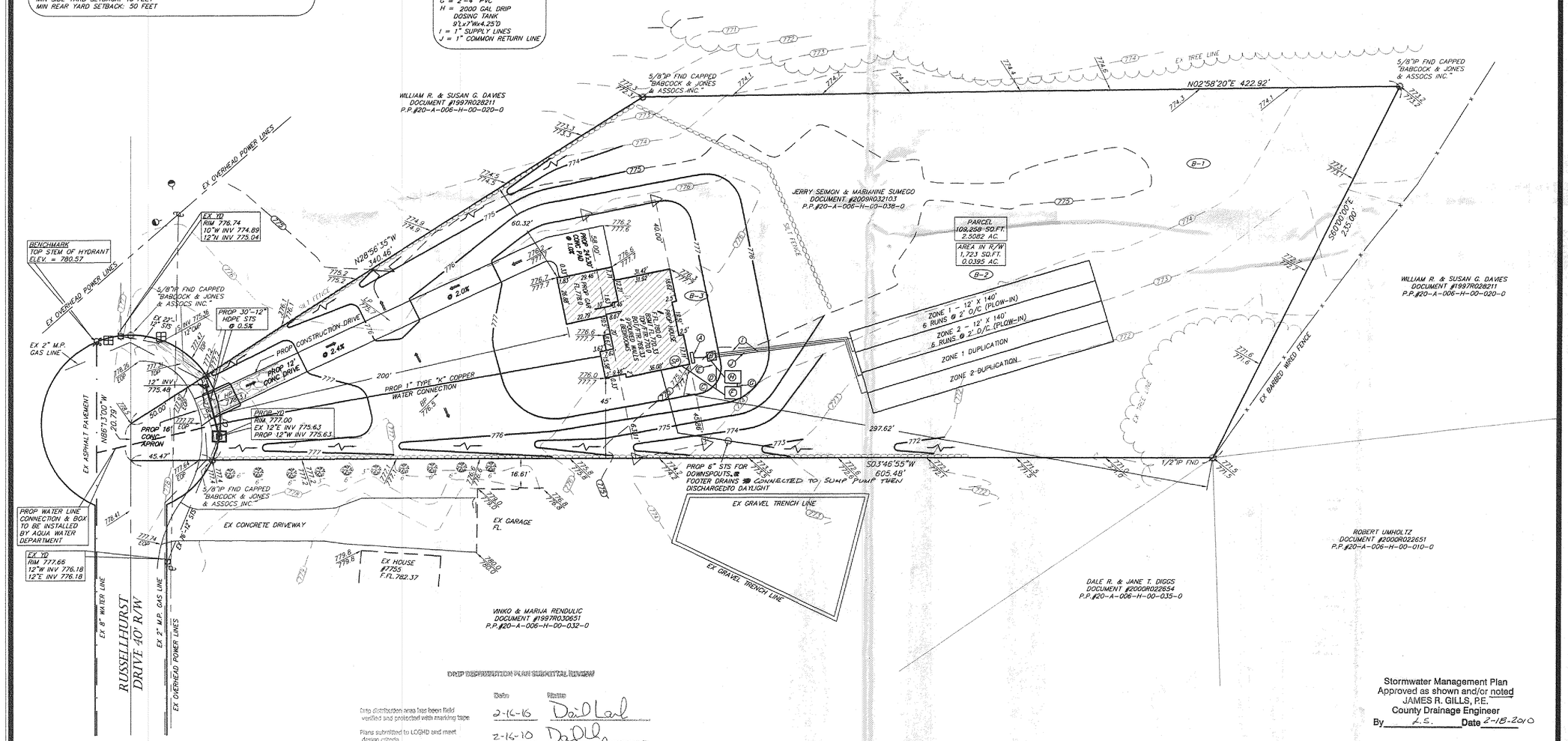
ALL CONCRETE TO BE A MINIMUM 3,000 PSI/28 DAYS
DRIVEWAYS MUST BE 4" THICK (6" IN APRON) 6.5 SACK MIX CONCRETE WITH 7% AIR ENTRAINMENT, AND MUST BE REINFORCED WITH 6"X6" #10 WELDED WIRE MESH INSTALLED APPROXIMATELY 1" TO 2" FROM BOTTOM OF SLAB

48 HOURS BEFORE YOU DIG
Call..800-362-2764
TOLL FREE
OHIO UTILITIES PROTECTION SERVICE

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

BEARINGS ARE BASED PER THE CENTERLINE BEARING OF RUSSELLHURST DRIVE (N88°13'00"W) PER THE PLAT OF SURVEY FOR WILLIAM DAVIES BY: BABCOCK, JONES AND ASSOCIATES, INC. DATED: NOVEMBER 2ND, 2009 AND ARE USED TO DENOTE ANGLES ONLY.

BUILDER: BLOSSOM HOMES
5425 WARNER ROAD - SUITE 11
VALLEY VIEW, OHIO 44125
PHONE: 440-602-9071 FAX: 216-369-0259



DRIP DISPERSION PLAN SUBMITTAL REVIEW

	Date	Initials
Drip distribution area has been field verified and protected with marking tape	2-16-10	DaDL
Plans submitted to LCGHD and meet design criteria	2-16-10	DaDL
Hydraulic calculations verified and accurate	2-16-10	DaDL

Stormwater Management Plan
Approved as shown and/or noted
JAMES R. GILLS, P.E.
County Drainage Engineer
By J.R.G. Date 2-18-2010

CURVE TABLE						
CURVE	LENGTH	RADIUS	TANGENT	CHORD	BEARING	° DELTA
C1	50.00'	50.00'	27.32'	47.94'	S89°42'18"W	57°17'46"

5425 WARNER ROAD - SUITE 12
VALLEY VIEW, OHIO 44125
440-602-9071
AZTECH
FAX 216-369-0259
ENGINEERING and SURVEYING
Civil Engineering · Land Surveying

SHEET CONTENT

SITE PLAN

FOR

JERRY SEIMON & MARIANNE SUMEGO

RUSSELHURST DRIVE

BEING A PART OF LOT NO. 43, TRACT NO.1
P.P.#20-A-006-H-00-038-0

SITUATED IN THE CITY OF KIRTLAND
COUNTY OF LAKE
STATE OF OHIO

REVISIONS

NO.	DATE	DESCRIPTION	BY

HORIZ. SCALE 1" = 30'	VERT. SCALE
DRAWN BY KEG	DATE 1-26-2010
CHECKED BY SRL	DRAWING NO 192285
JOB NO 192285	SHEET 1 OF 3