

LAYOUT 8/5/04 11-12 INSP 4 _____

INSP 2 8/10/04 INSP 5 _____

INSP 3 10/12/04-1PM INSP 6 _____

ISSUE DATE: 7/12/2004

PERMIT INDEXED

P 520773-A

APPROVAL DATE: 10/18/04

05-396239

A 519693-D

**ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MD 21043**

Columbia Plumbing & Htg. IS PERMITTED TO INSTALL ALTER

ADDRESS: 9017 Red Branch Rd., Suite 203 PHONE NUMBER: 410-715-2323

SUBDIVISION: Lime Kiln Valley LOT NUMBER: 38

ADDRESS: 12738 Lime Kiln Valley PROPERTY OWNER: Altieri Homes

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): 1250 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 150 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 2.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 7.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 4.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box 55-60' to the right of the highest SDA corner stake and 5' from the rear lot line. Run trenches on contour as shown on plan.
NOTES:	Unless revised tank locations are specifically authorized, septic tank and pump chamber MUST be installed as shown to maintain 18-36" finished cover.

PLANS APPROVED: MER OK/MR DATE: 6/18/04

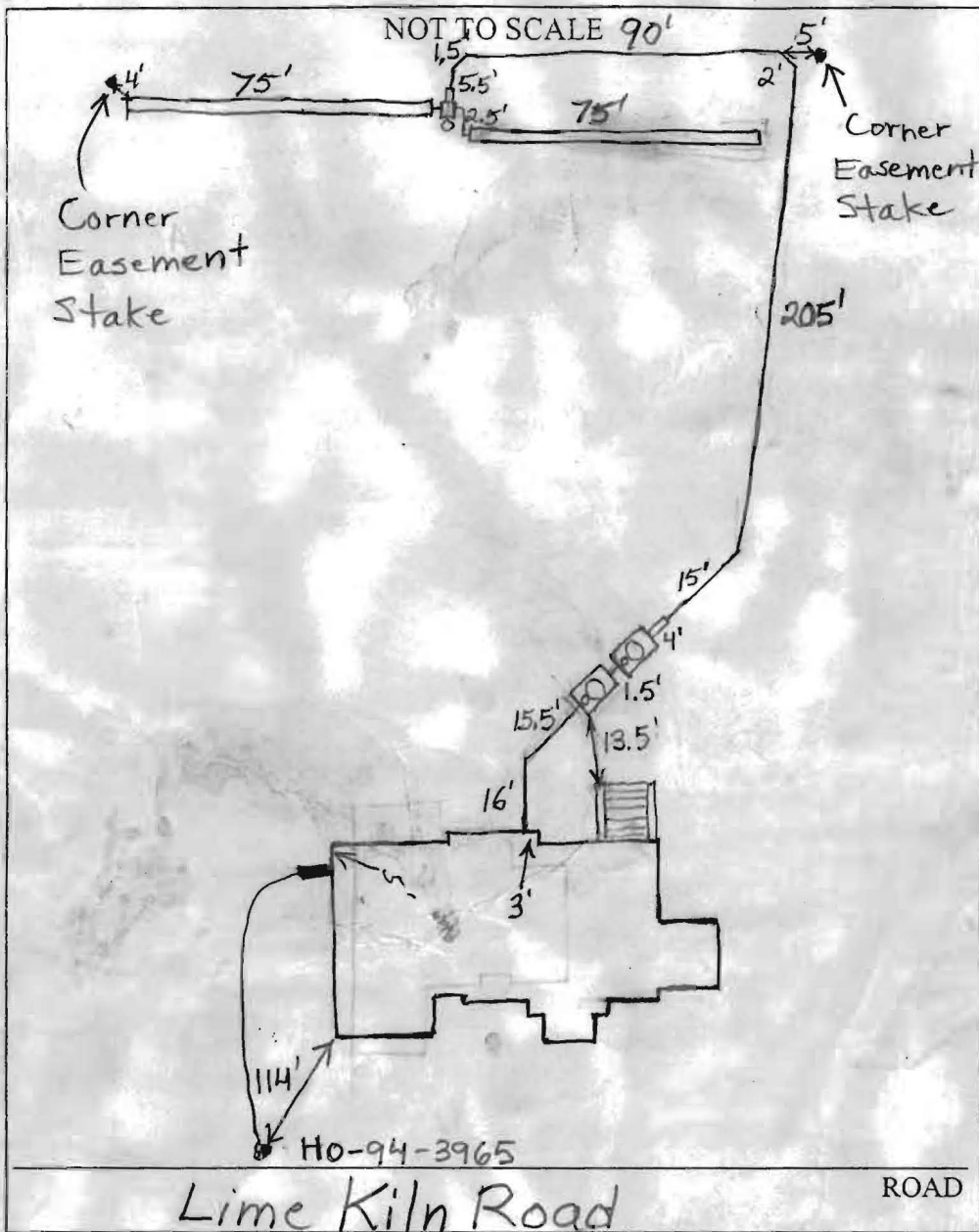
NOTES: PERMIT VOID AFTER 2 YEARS
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
WATERTIGHT SEPTIC TANKS REQUIRED
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED
CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

BUILDING PERMIT SIGNED AND RETURNED
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM
DO NOT LEAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL

12/10/04 800150413-46 PROPANE TANK

A519693-D



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	3'	7'
NUMBER OF TRENCHES		2
TOTAL LENGTH		150'
ABSORPTION AREA		450 + Sidewalk
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	✓
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	3'-4'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Middle
6" PORT LOC	Front
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	✓
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	3'-4'
BAFFLES	Front
BAFFLE FILTER	No
MANHOLE LOC	Middle
6" PORT LOC	Front
WATERTIGHT TEST	No

PRE-CONSTRUCTION 8/5/04 Place the distribution box in the top center of the easement and install 2-75' trenches on

INSTALLATION contour. Stay 100' from the well on lot 37. The tanks are set and the house connection is made. (BB)

8/10/04 Primary system installed. O.K. to cover. Need pump and alarm test for final approval. (BB)

10/12/04 - Alarm functional, well pump apparently not big enough, no flow to D.B. (SO) 10/18/04 Pump and alarm working. (BB)

FINAL INSPECTOR B. Baker DATE OF APPROVAL 10/18/04



EXISTING 150' PEPCO RIGHT-OF-WAY PARCEL A

N 55°01'09" E 256.34'

75' TREE CONFLICT AREA 60' BUILDING RESTRICTION LINE

LOT 39

254.3'

30'

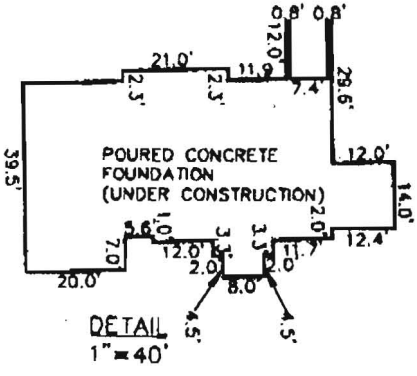
30'

82.5'

SEE DETAIL 48.9'

472' BUILDING RESTRICTION LINE

WALL CHECK OK MR 7/12/04



WELL #H0943965

LOT No. 38 LIME KILN VALLEY LOTS 33-40 AND PARCEL 'A' PLAT M.D.R. No. 10883

LOT 40

N 34°58'51" W 556.37'

S 24°48'18" E 792.95'

LOT 37

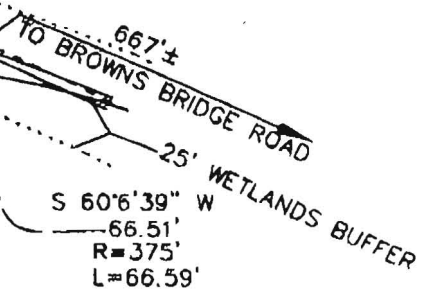
TOP OF FOUNDATION WALL = ELEV. = 392.15'

DRAINAGE AND UTILITY EASEMENT PER PLAT No. 6032

WETLAND

SURVEYORS CERTIFICATION I hereby certify that I have made a survey of this property for the purpose of locating the improvements thereon and that they are located as shown. This is not a property line survey.

LIME KILN ROAD 50' R/W



William K. Woody Professional Land Surveyor Lic. No. 10724

PLAT REF. LIME KILN VALLEY LOTS 33-40 AND PARCEL 'A' PLAT M.D.R. No. 10833

KCW JO. 2030269



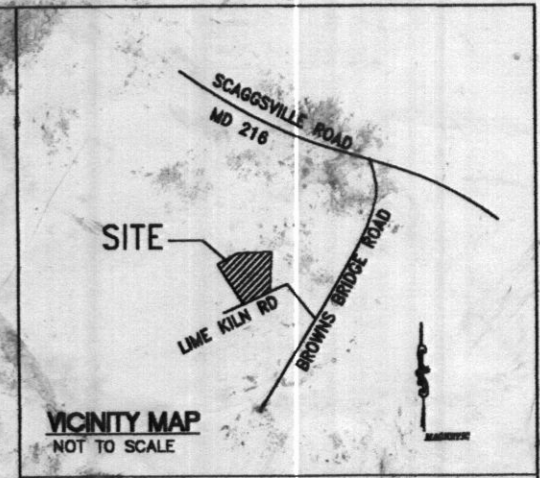
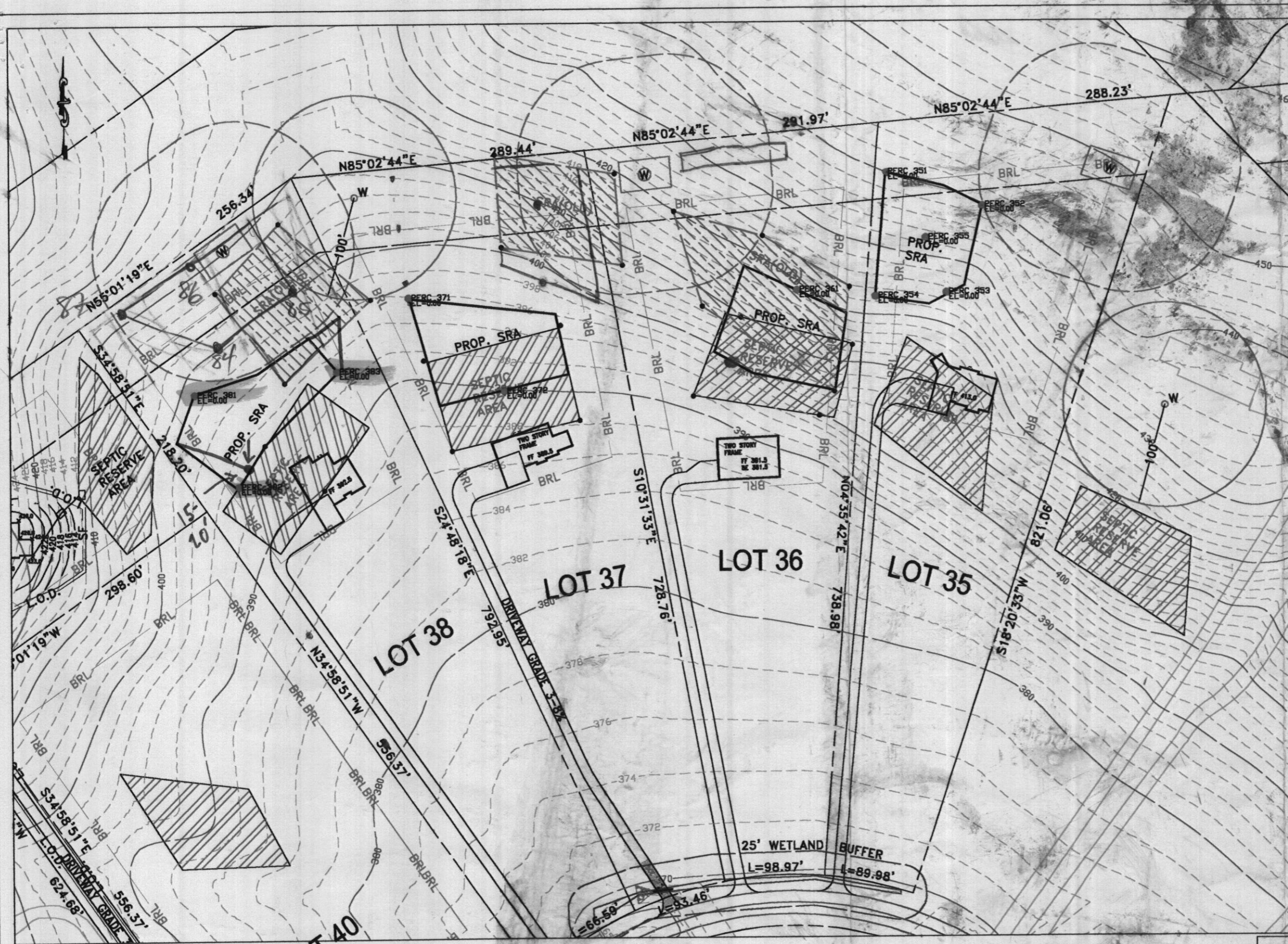
KCW Engineering Technologies, Inc. 3106 Lord Baltimore Drive, Suite 110 Baltimore, Maryland 21244 Tele (410) 281-0030 Fax (410) 281-1065 www.KCW-ET.com

Comp. By:	M.D.T
Drawn By:	M.D.T
Checked By:	W.K.W.

FOUNDATION SURVEY LOT No.38 LIME KILN VALLEY LOTS 33-40 AND PARCEL 'A' PLAT M.D.R. No. 10883

5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE: 1" = 100' DATE: JULY 1, 2004



LEGEND

- 396 --- EXISTING CONTOUR
- ⊙ PROPOSED WELL
- W EXISTING WELL
- ▭ PROPOSED SRA
- ▭ PROPOSED SEPTIC RESERVE AREA
- BRL — BUILDING RESTRICTION LINE

PROPOSED WELL & SRA

LIME KILN VALLEY
LOT 35-38
LIME KILN ROAD
 HOWARD COUNTY, MARYLAND ELECTION DISTRICT - 1
 SCALE: 1" = 100'
 SHEET 1 OF 1

KCW
 Engineering Technologies, Inc.
 3106 Lord Baltimore Drive, Suite 110
 Baltimore, Maryland 21244
 Tele (410) 281-0033
 Fax (410) 281-1065
 www.KCW-ET.com

LIST OF DRAWINGS

DEVELOPER

REVISIONS	
DATE	DESCRIPTION

KCW I.D.: 2030269
 SCALE 1" = 100'
 DESIGNED: S.X.
 DRAWN: S.X.
 CHECKED: N.S.H.
 DATE: DEC. 8, 2003
 Dwg: