

MATCH LINE, SEE SHEET C-8

N/F PROPERTY OF
TERUMAH FOUNDATION, INC.
TAX #87.17-6-11
D.B. 1441, Pg. 1161

BLOW OFF
ASSEMBLY FOR MAIN LINE
TEMPORARY TERMINATION

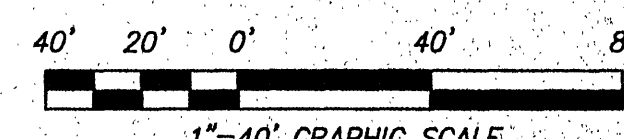
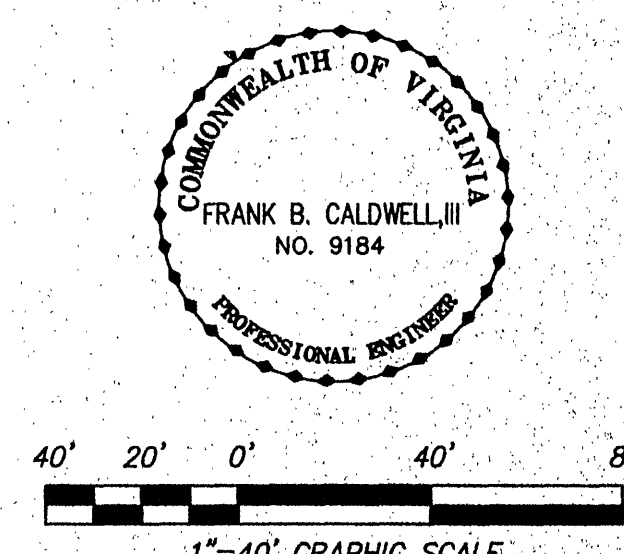
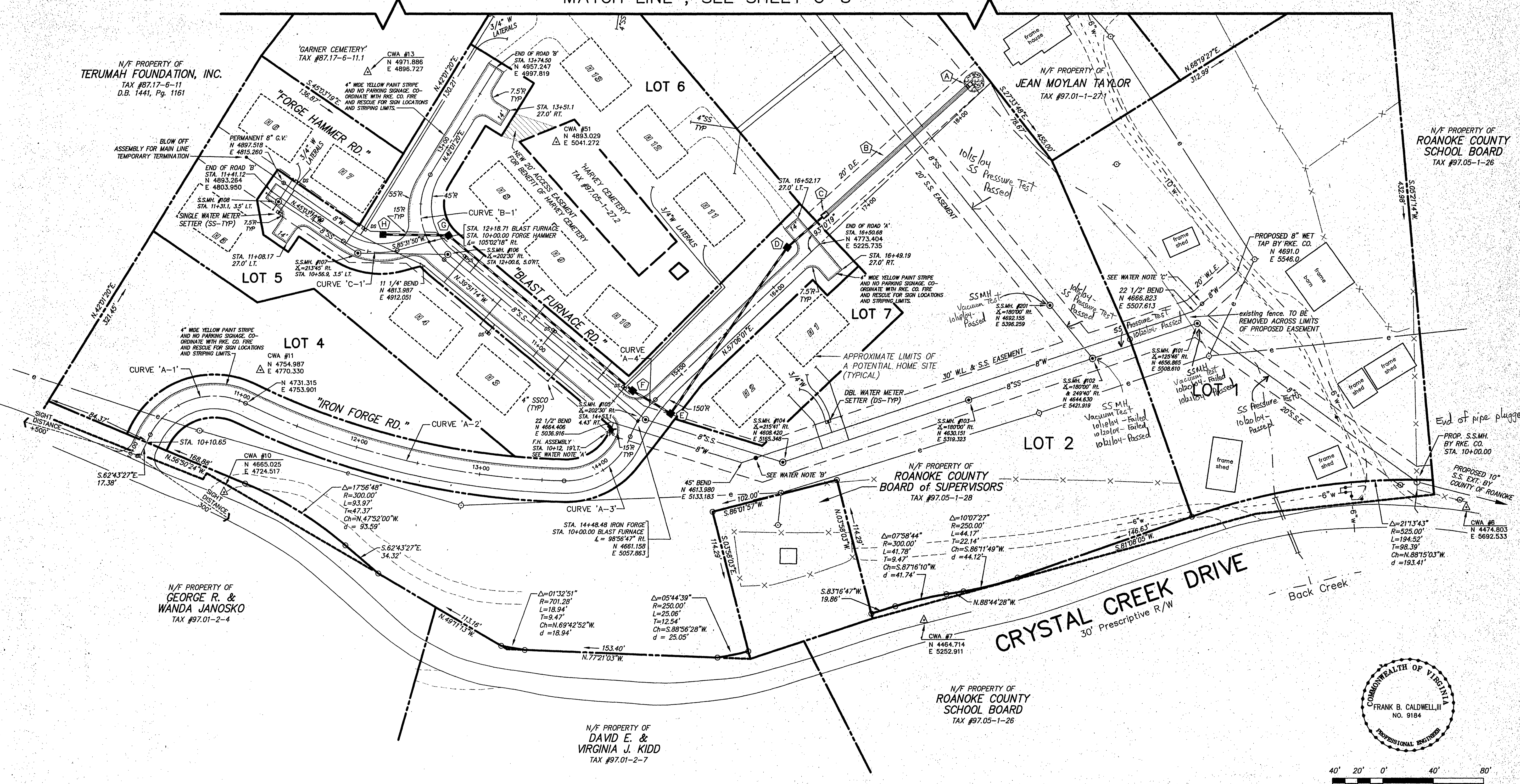
N/F PROPERTY OF
GEORGE R. &
WANDA JANOSKO
TAX #97.01-2-4

N/F PROPERTY OF
DAVID E. &
VIRGINIA J. KIDD
TAX #97.01-2-7

N/F PROPERTY OF
ROANOKE COUNTY
SCHOOL BOARD
TAX #97.05-1-26

N/F PROPERTY OF
JEAN MOYLAN TAYLOR
TAX #97.01-1-27

N/F PROPERTY OF
ROANOKE COUNTY
SCHOOL BOARD
TAX #97.05-1-26



REVISED: 4/7/04 per COUNTY OF ROANOKE 3rd REVIEW
REVISED: 3/3/04 per COUNTY OF ROANOKE 2nd REVIEW

WATERLINE NOTES:

- PROPOSED WATERMAIN SHALL BE CONSTRUCTED SO THAT THE LOW POINT OF THE 8" MAIN IS LOCATED AT THE TEE FOR THE FIRE HYDRANT SO AS TO PROVIDE MEANS OF A BLOW-OFF LOCATION OF THE 22.5" BEND IS APPROXIMATE AND IS REQUIRED FOR HORIZONTAL AND VERTICAL ALIGNMENTS.
- PROVIDE AIR RELEASE VALVE AT CONSTRUCTED HIGH POINT OF WATERLINE.
- G.C. TO PROVIDE STANDARD IN-LINE BLOW-OFF AT LOWEST POINT OF WATERLINE CONSTRUCTION. PROVIDE 11.25" AND 45" BENDS AS REQUIRED FOR VERTICAL ALIGNMENT. PROVIDE MIN. 3' COVER.

CENTERLINE CURVE DATA

CURVE 'A-1' $\Delta=81^{\circ}58'58''$ $R=250.00'$ $L=35.77'$ $T=21.73'$ $Ch=N.82^{\circ}07'18''E$ $d=32.80'$ $PC=10+17.38$ $PT=10+50.12$	CURVE 'A-2' $\Delta=24^{\circ}34'46''$ $R=611.89'$ $L=67.38'$ $T=133.30'$ $Ch=S.65^{\circ}58'16''E$ $d=260.49'$ $PC=11+05.12$ $PT=13+67.62$	CURVE 'A-3' $\Delta=70^{\circ}11'33''$ $R=55.00'$ $L=67.38'$ $T=38.65'$ $Ch=N.66^{\circ}38'34''E$ $d=63.24'$ $PC=13+67.62$ $PT=14+35.00$
CURVE 'A-4' $\Delta=25^{\circ}33'14''$ $R=80.00'$ $L=35.68'$ $T=18.14'$ $Ch=N.44^{\circ}19'24''E$ $d=35.38'$ $PC=10+26.23$ $PT=14+70.68$	CURVE 'B-1' $\Delta=82^{\circ}03'24''$ $R=51.59'$ $L=44.85'$ $T=23.93'$ $Ch=N.01^{\circ}24'44''E$ $d=67.73'$ $PC=12+00.60$ $PT=12+74.51$	CURVE 'C-1' $\Delta=49^{\circ}24'51''$ $R=52.00'$ $L=44.85'$ $T=23.93'$ $Ch=N.69^{\circ}45'44''W$ $d=43.47'$ $PC=10+26.23$ $PT=10+71.08$

STORM DRAIN SCHEDULE

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| (A) VDOT STD. EG-1 ENERGY DISSIPATOR AND 12.5 CY OF VDOT STD EG-1, CLASS II STA. 16+21.0, 10.4' LT. Rd. 'A' | (E) INLET #104 VDOT STD. DI-1 STA. 14+72.1, 16.6' LT. Rd. 'A' |
| (B) VDOT STD. PG-4 CONCRETE PAVED FLUME | (F) INLET #103 VDOT STD. DI-1 STA. 10+18.7, 16.0' Rt. Rd. 'B' |
| (C) VDOT STD. PS-2 PIPE SPILLOUT STA. 16+66.8, 14.1' LT. Rd. 'A' | (G) INLET #102 VDOT STD. DI-1 STA. 12+14.1, 15.7' Rt. Rd. 'B' |
| (D) INLET #105 VDOT STD. DI-1 STA. 16+29.7, 15.8' Rt. Rd. 'A' | (H) INLET #101 VDOT STD. DI-1 STA. 10+37.0, 14.3' Rt. Rd. 'C' |
- REFER TO Sht. C-13 FOR TOP AND INVERT ELEVATIONS AND INFORMATION ON ALL CONNECTOR PIPES.

DIMENSIONAL PLAN

SPEEDWELL

PROPOSED CLUSTER HOME SUBDIVISION
DEVELOPMENT OF TAX PARCELS #87.17-6-11.3, #87.17-6-12 & #97.05-1-27
situate between Merriman Road and Crystal Creek Drive
CAVE SPRING MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA

Designed: J.V. Judy
Drawn: J.V. Judy
Checked: F.B. Caldwell
Date: Sept. 8, 2003
Scale: 1"=40'
Tax Parcel: See Title
Field Book: JW #16

CWA
CALDWELL WHITE ASSOCIATES
ENGINEERS / SURVEYORS / PLANNERS
4803 MELROSE AVENUE, N.W.
Post Office Box 6280
ROANOKE, VIRGINIA 24017
Telephone: (540) 366-5400 Fax: (540) 366-8702
EMAIL: CWA@ROANOKE.AOL.COM