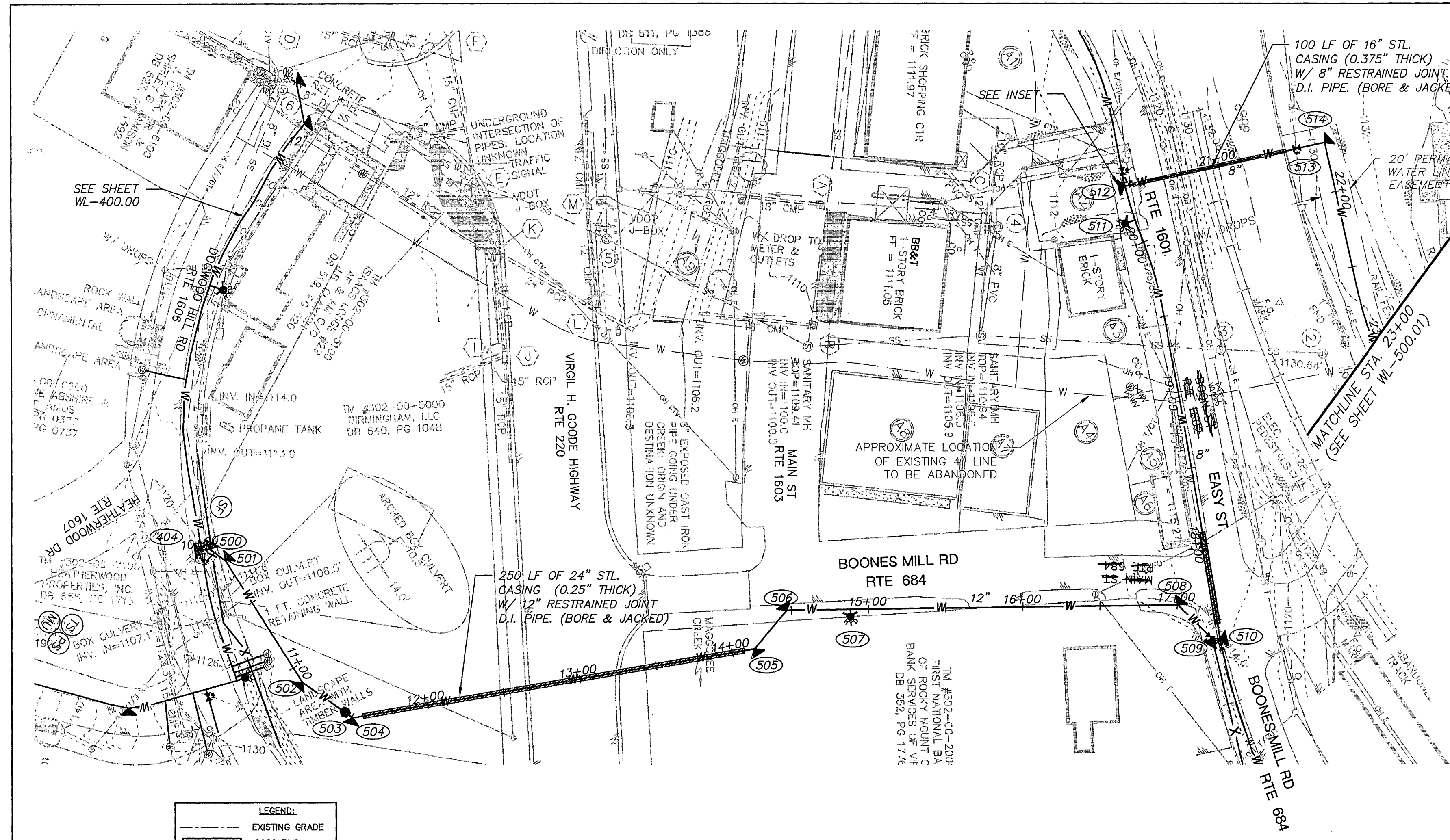


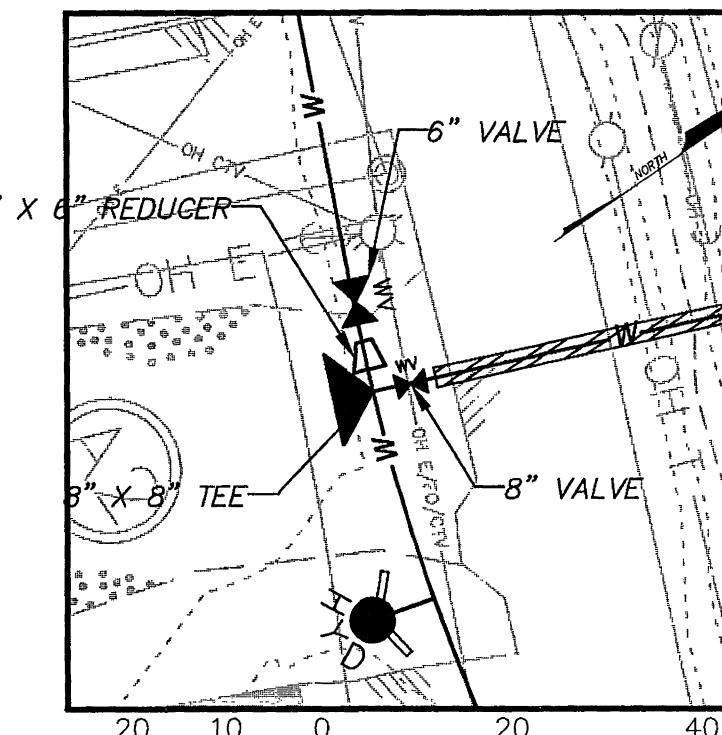
Mar 14, 2012 - 10:30am V:\env\proj\sta 20080815\dwg\asb\sta 10-23-00-WL-ASBUILT-P-Water.dwg



DIRECTIONAL DRILL FOR CROSSING
US 220 & MAGGODEE CREEK

28.8% DOWN
31.7% DOWN
28.8% DOWN
21.3% DOWN
10.9% DOWN
1.9% DOWN
3.8% DOWN
4.6% DOWN
7.5% DOWN
6.8% DOWN
5.1% DOWN
3.8% DOWN
2.2% UP
7.1% UP
15.1% UP
19.9% UP

8'-2"
12'-5"
15'-2"
16'-11"
15'-7"
16'-11"
18'-5"
20'-3"
20'-7"
10'-8"
7'-10"
7'-6"
9'-2"
6'-1"

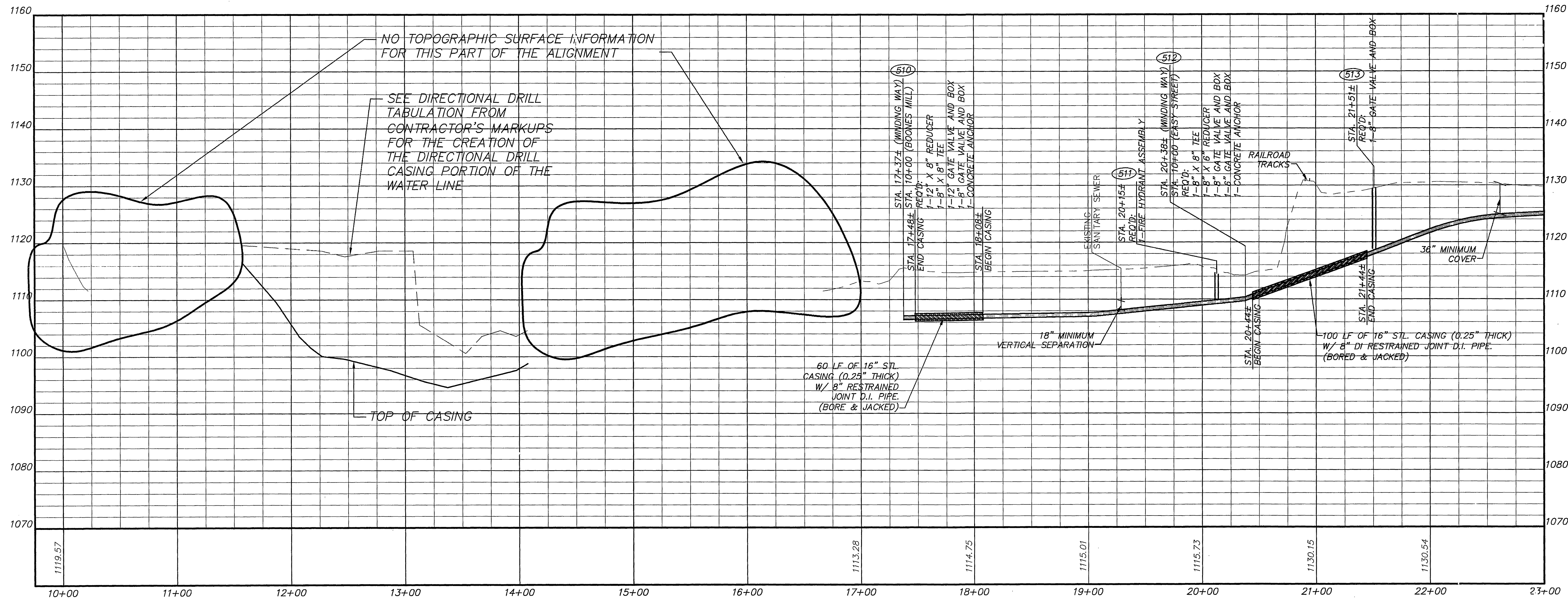
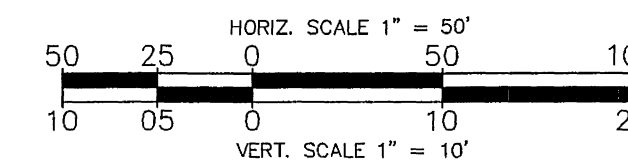


INSET
PROPOSED LEGEND

- WATER METER
- WATER LINE
- BLOW OFF ASSEMBLY
- AIR RELEASE
- FIRE HYDRANT
- CONCRETE ANCHOR
- GATE VALVE
- STEEL CASING
- SLOPE ANCHOR
- E.O.L. END OF LINE

EXISTING LEGEND

- ELECTRIC POLE
- GUY WIRE
- UTILITY PEDESTAL
- LIGHT POLE
- EDGE OF PAVEMENT
- BENCHMARK
- SIGN
- CONCRETE PAD
- EDGE OF WOODS
- EXISTING FENCE LINE
- OVERHEAD ELECTRIC
- UG ELECTRIC LINE
- UG GAS LINE
- UG TELEPHONE LINE
- UG FIBER OPTIC LINE
- UG WATER LINE
- DITCH LINE



NO TOPOGRAPHIC SURFACE INFORMATION
FOR THIS PART OF THE ALIGNMENT

SEE DIRECTIONAL DRILL
TABULATION FROM
CONTRACTOR'S MARKUPS
FOR THE CREATION OF
THE DIRECTIONAL DRILL
CASING PORTION OF THE
WATER LINE

TOP OF CASING

60 LF OF 16" STL
CASING (0.25" THICK)
W/ 8" DI RESTRAINED
JOINT D.I. PIPE
(BORE & JACKED)

18" MINIMUM
VERTICAL SEPARATION

100 LF OF 16" STL CASING (0.25" THICK)
W/ 8" DI RESTRAINED JOINT D.I. PIPE
(BORE & JACKED)

36" MINIMUM
COVER

- 404 STA. 10+00 (WINDING WAY)
STA. 13+27± (DOGWOOD HILL ROAD)
REQ'D:
1-12" X 12" TEE
2-12" GATE VALVE AND BOX
1-12" X 6" REDUCER
1-6" GATE VALVE AND BOX
1-CONCRETE ANCHOR
- 500 STA. 10+05±
REQ'D:
1-12" 45° BEND
1-CONCRETE ANCHOR
- 501 STA. 10+18±
REQ'D:
1-12" 45° VERTICAL &
HORIZONTAL BEND
2-CONCRETE ANCHOR
- 502 STA. 11+11±
REQ'D:
1-12" 22.5° BEND
1-CONCRETE ANCHOR
- 503 STA. 11+45±
REQ'D:
1-AIR RELEASE VALVE
(SEE DETAIL AR-2)
- 504 STA. 11+51±
REQ'D:
1-12" 45° BEND
1-CONCRETE ANCHOR
- 505 STA. 14+14±
REQ'D:
1-12" 45° BEND
1-CONCRETE ANCHOR
- 506 STA. 14+47±
REQ'D:
1-12" 45° BEND
1-CONCRETE ANCHOR
- 507 STA. 14+88±
REQ'D:
1-FIRE HYDRANT ASSEMBLY
- 508 STA. 17+00±
REQ'D:
1-12" 45° BEND
1-CONCRETE ANCHOR
- 509 STA. 17+32±
REQ'D:
1-12" 45° BEND
1-12" 22.5° BEND
2-CONCRETE ANCHOR
- 510 STA. 17+37± (WINDING WAY)
STA. 10+00 (BOONES MILL)
REQ'D:
1-12" X 8" REDUCER
1-8" X 8" TEE
1-12" GATE VALVE AND BOX
1-8" GATE VALVE AND BOX
1-CONCRETE ANCHOR
- 511 STA. 20+15±
REQ'D:
1-FIRE HYDRANT ASSEMBLY
- 512 STA. 20+38± (WINDING WAY)
STA. 10+00 (EASY STREET)
REQ'D:
1-8" X 8" TEE
1-8" X 6" REDUCER
1-8" GATE VALVE AND BOX
1-6" GATE VALVE AND BOX
1-CONCRETE ANCHOR
- 513 STA. 21+51±
REQ'D:
1-8" GATE VALVE AND BOX
- 514 STA. 21+69±
REQ'D:
1-8" 90° HORIZONTAL &
VERTICAL BEND
1-CONCRETE ANCHOR

HURT & PROFFITT
INCORPORATED
2524 LANGHORNE ROAD
LYNCHBURG VA 24501
800.242.4906 TOLL FREE
434.847.7796 MAIN
434.847.0047 FAX

STA. 10+00 - 23+00± WINDING WAY-ASBUILT
FOR
TOWN OF BOONES MILL WATER SYSTEM REPLACEMENT, VOLUME 1
TOWN OF BOONES MILL, BOONE DISTRICT, FRANKLIN COUNTY, VA

PROJECT NO. 20080815
G.L. NO. 297-03-A3.9
FILE NO. G-12675
DATE: 7/31/09
DRAWN BY: WCH
CHECKED BY: BLC

HURT & PROFFITT

SHEET NO.
WL-500.00

1	8/28/09	VDH COMMENTS
2	9/3/09	OWNER COMMENTS
3	2/17/10	REVISED ALIGNMENT
4	3/14/12	ASBUILTS