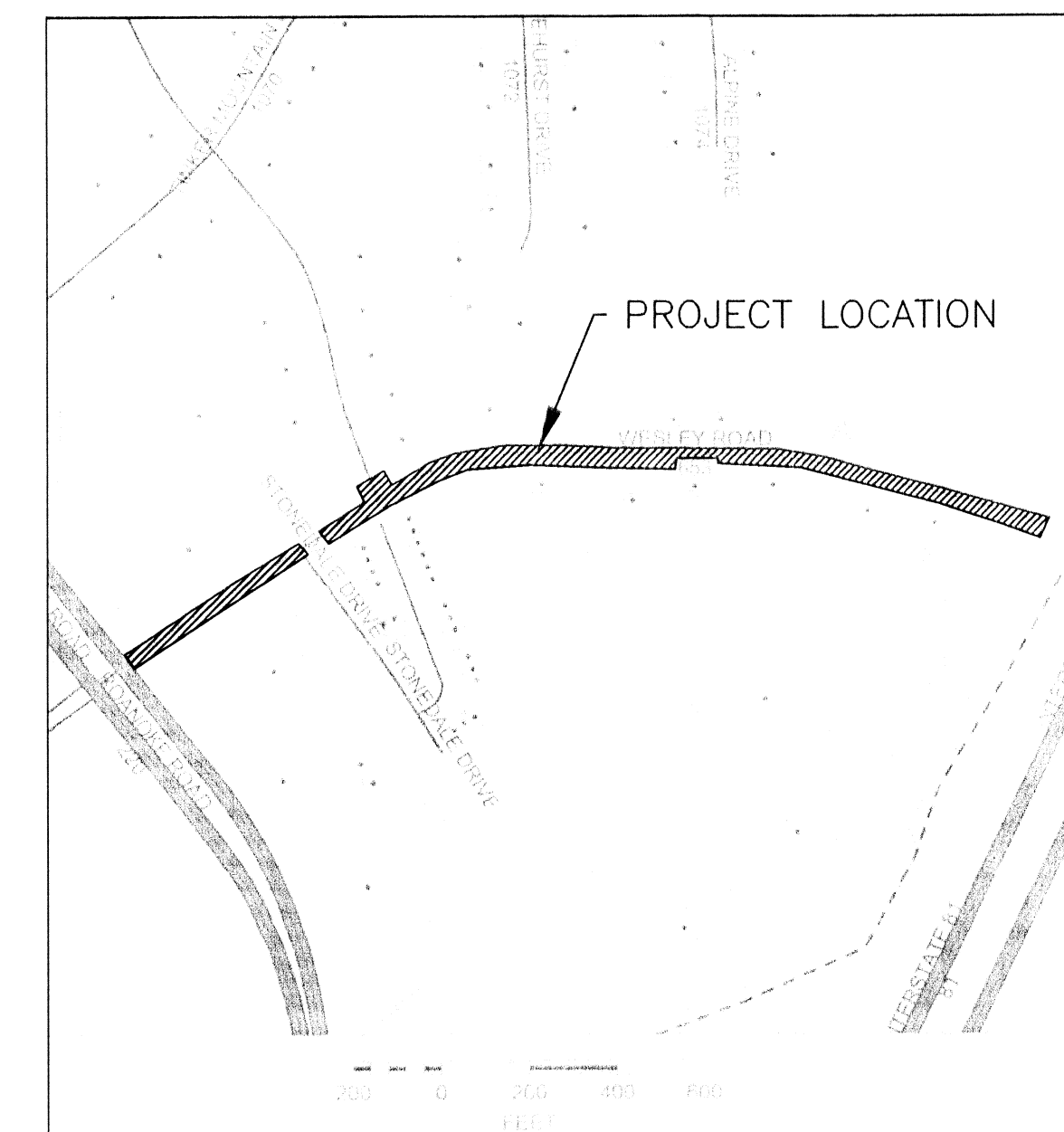
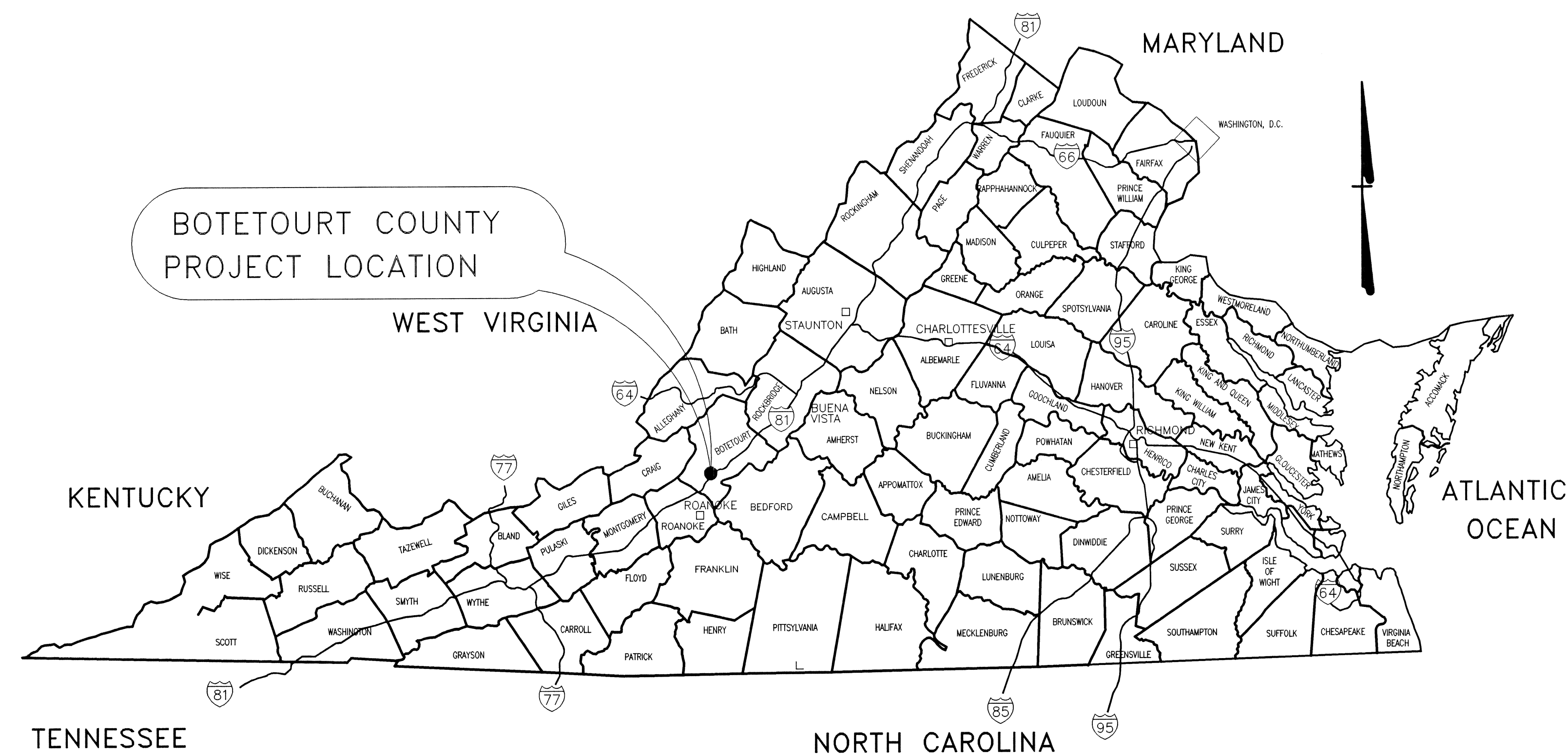


WESLEY ROAD WATERLINE
BOTETOURT COUNTY, VIRGINIA
MARCH 2006

SHEET LIST

1. TITLE SHEET
2. ABBREVIATIONS, LEGEND AND NOTES
3. SHEET INDEX
4. PLAN AND PROFILE
5. PLAN AND PROFILE
6. PLAN AND PROFILE
7. MISCELLANEOUS DETAILS

VICINITY MAP

DEVELOPER/
CONTRACT OWNER:

BOTETOURT COUNTY
1 WEST MAIN STREET
BOX 1
FINCASTLE, VIRGINIA 24090
TELEPHONE: 540-473-8223
FAX: 540-473-8317

ENGINEER/SURVEYOR:

MATTERN & CRAIG, INC.
701 FIRST STREET, S.W.
ROANOKE, VIRGINIA 24016
TELEPHONE: (540) 345-9342
FAX: (540) 345-7691
CONTACT: HUNTER YOUNG, P.E.

COMM. NO. 2258D

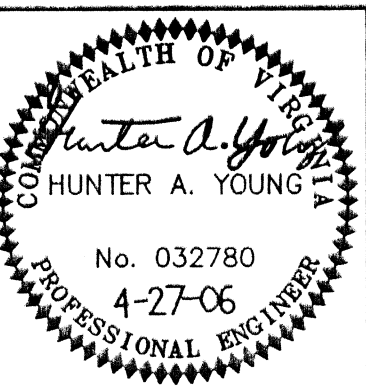
SET NO.

APPROVED FOR CONSTRUCTION

WATER & SEWER: ☒ E & S: _____

DATE: Nov 8, 2016

DATE: May 1, 1968
BY: David L. Hyman



Revisions	PRECONSTRUCTION COMMENTS	Date
1		4-27-06

Issue Date: 11/07/05	Drawn By: DBL Designed By: HAY	Checked By: BCC Date: 11/07/05
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Mattern & Craig
CONSULTING ENGINEERS • SURVEYORS

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WESLEY ROAD WATERLINE

TITLE SHEET

BOTETOURT COUNTY, VIRGINIA

Vertical Scale:
N/A

Horizontal Scale:
N/A

Commission Number:
2258D

Sheet No.:

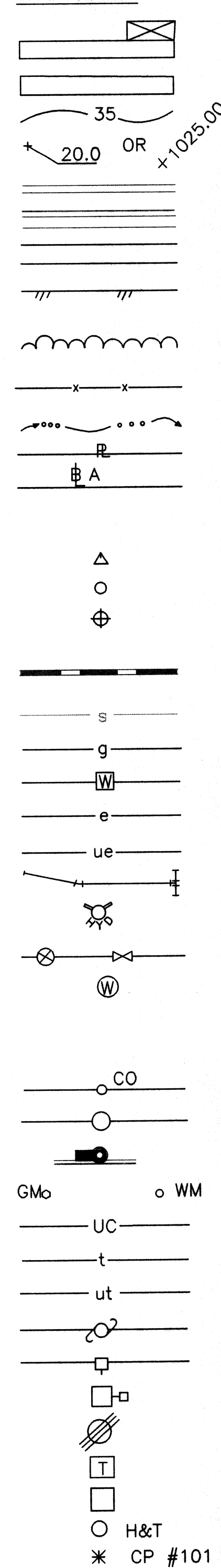
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AB ANCHOR BOLT
ABAN ABANDON OR ABANDONED
ABUT ABUTMENT
ABV ABOVE
ACT ACOUSTICAL
ADD ADDITIONAL
ADJ ADJACENT
AFF ABOVE FINISH FLOOR
AGGR AGGREGATE
ALUM ALUMINUM
ALT ALTERNATE
ANC ANCHOR
APPROX APPROXIMATE
ARCH ARCHITECTURAL
AWWA AMERICAN WATER WORKS ASSOCIATION
AVG AVERAGE
BIT BITUMINOUS
BJ BELL JOINT
BL BASE LINE
BEG BEGIN OR BEGINNING
BLDG BUILDING
BLKG BLOCKING
BM BENCH MARK, BEAM
BOTT BOTTOM
BP BYPASS
BRG BEARING
BSMT BASEMENT
BV BUTTERFLY VALVE
C CHANNEL, COLD
C/C, C TO C CENTER TO CENTER
CAB CABINET
CAP CAPACITY
CF CUBIC FEET
CG CHANGE OF GRADE
C & G, CC&G CURB AND GUTTER, CONCRETE
CI CAST IRON
CIRC CIRCULAR
CKT CIRCUIT
CL CENTER LINE
CLR CLEAR
CONST CONSTRUCTION
COR CORNER
CMP CORRUGATED METAL PIPE
CMU CONCRETE MASONRY UNITS
CND CONDUIT
CO CLEAN OUT
COMB COMBINATION
CONC CONCRETE
CONN CONNECT, CONNECTION
CONT CONTINUOUS, CONTROL
CONTR CONTRACTOR
CP COORDINATE POINT
CR STONE CRUSHED STONE
CSW CONCRETE SIDEWALK
CTR CENTER
CULV CULVERT
CY CUBIC YARD
D DEPTH OR DEGREE OF CURVE
DEPT DEPARTMENT
DF DRINKING FOUNTAIN
DI DROP INLET, DUCTILE IRON
DIA DIAMETER
DIM DIMENSION
DISC DISCONNECT
DMH DROP MANHOLE
DN DOWN
DR DRIVE
DS DOWN SPOUT
DTL DETAIL
DW,D/W DRIVEWAY
DWL DWELLING
DWG DRAWING
E EAST
EA EACH
E.B.L. EASTBOUND LANE
EF EACH FACE
EJ EXPANSION JOINT
EL, ELEV ELEVATION
ELEC ELECTRICAL
ENGR ENGINEER
ENTR ENTRANCE
EOL END OF LINE
EP EDGE OF PAVEMENT
EQ EQUAL
EQPT EQUIPMENT
EW EACH WAY, ENDWALL
EXIST EXISTING

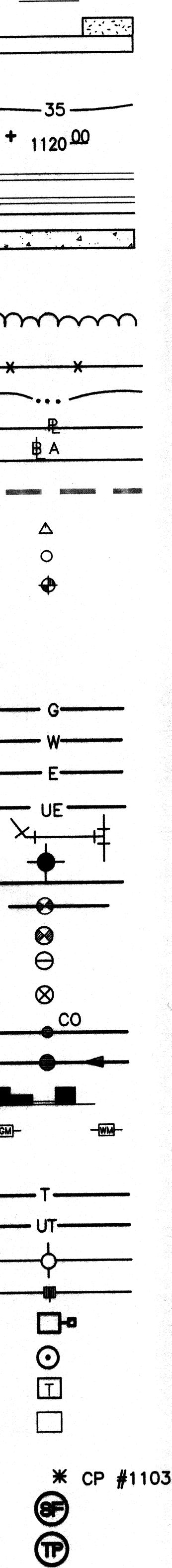
EXP EXPANSION
EXT EXTERIOR
FR FRAME
FD FLOOR DRAIN
FDN FOUNDATION
FES FLARED END SECTION
FF FINISH FLOOR
FFE FINISHED FLOOR ELEVATION
FH FIRE HYDRANT
FIG FIGURE
FIN FINISH
FIXT FIXTURE
FL FLOOR
FLEX FLEXIBLE
FLG FLANGE
FT FOOT
FTG FOOTING
FUT FUTURE
GAL GALLON
GALV GALVANIZED
GAR GARAGE
GND GROUND
GR GRAVEL
GOVT GOVERNMENT
GPM GALLONS PER MINUTE
GRTG GRATING
GV GAS VALVE
GW GRAY WATER
H HOT
HB HOSE BIBB
HK HOOK
HM HOLLOW METAL
HOR, HORIZ HORIZONTAL
HP HORSE POWER
HPT HIGH POINT
HYD HYDRANT
ID INSIDE DIAMETER
IN INCH
INSUL INSULATION
INV INVERT
IP IRON PIN
JT JOINT
JB JUNCTION BOX
L LENGTH, LONG
LF LINEAL FOOT
LG LONG
LP LIGHT POLE
LR LONG RADIUS
LT LEFT
LTG LIGHTING
MACH MACHINERY
MAS MASONRY
MATL MATERIAL
MAX MAXIMUM
MB MAILBOX
MECH MECHANICAL
MFR MANUFACTURER
MH MANHOLE, MOUNTING HEIGHT
MIN MINIMUM
MISC MISCELLANEOUS
MJ MECHANICAL JOINT
MO MASONRY OPENING
MON MONUMENT
MTD MOUNTED
MTG MOUNTING
MTL METAL
MV MUD VALVE
N & C NAIL AND CAP
NIC NOT IN CONTRACT
NO NUMBER
NTS NOT TO SCALE
OC ON CENTERS
OD OUTSIDE DIAMETER
OPER OPERATOR
OPNG OPENING
OPP OPPOSITE
PB PAPER BOX
PC POINT OF CURVE
PCC POINT OF COMPOUND
PER PERIMETER
PERF PERFORATED
PERP PERPENDICULAR
PI POINT OF INTERSECTION
PIV POST INDICATOR VALVE
PL PLATE, PROPERTY LINE
PLYWD PLYWOOD
POL POINT ON LINE

PP POWER POLE
POT POINT ON TANGENT
PRC POINT OF REVERSE CURVE
PSI POUNDS PER SQUARE INCH
PT POINT OF TANGENT
PVC POLYVINYL CHLORIDE
PVI POINT OF VERTICAL INTERSECTION
PAV PAVEMENT
PVT PRIVATE
R RADIUS, RISER
RAS RETURN ACTIVATED SLUDGE
RR RAIL ROAD
RCP REINFORCED CONCRETE PIPE
RD ROOF DRAIN, ROAD
RDCR REDUCER
RECPT RECEPTACLE
RECT RECTANGULAR
REINF REINFORCE, REINFORCEMENT
REF REFERENCE
REL RELOCATED
REQD REQUIRED
REV REVISION
RTE ROUTE
RT RIGHT
R/W RIGHT OF WAY
S SANITARY SEWER, SOUTH, SWITCH
SAN SANITARY
SCH SCHEDULE
SD STORM DRAIN
SECT SECTION
SER SERVICE
SH SHEET
SHTG SHEETING
SIM SIMILAR
SPEC SPECIFICATION
SP SIGNAL POLE
SQ SQUARE
SS STAINLESS STEEL
ST STREET
STA STATION
STD STANDARD
STL STEEL
STRUCT STRUCTURAL
STY STORY
SUR SURVEY
SURF SURFACE
S/W SIDEWALK
SYMM SYMMETRICAL
T TREAD, TOP
T & B TOP AND BOTTOM
TDC TURNED DOWN CURB
TELE TELEPHONE
TEMP TEMPORARY
THK THICK
TP TELEPHONE POLE
TRTD TREATED
TS TOP OF SLAB
TV TELEVISION
TW TOP OF WALL
TYP TYPICAL
UC UNDERGROUND COMMUNICATIONS DUCTBANK
UG UNDERGROUND
UON UNLESS OTHERWISE NOTED
U.S.C.&G.S. UNITED STATES COAST AND GEODETIC SURVEY
USGS UNITED STATES GEOLOGICAL SURVEY
V, VAL VALVE
VAP BAR VAPOR BARRIER
VC VERTICAL CURVE
VERT VERTICAL
VOL VOLUME
VDOT VIRGINIA DEPARTMENT OF TRANSPORTATION
V.S.D. VERTICAL SIGHT DISTANCE
W.B.L. WEST BOUND LANE
W WIDE FLANGE, WIDE
W/ WITH
WD WOOD
WL WATER LINE
W/O WITHOUT
WS WATER SURFACE
WT WATERTIGHT, WEIGHT
WVH WEST VIRGINIA DEPARTMENT OF HIGHWAYS
WWF WELDED WIRE FABRIC

EXISTING



NEW



DESCRIPTION

BUILDING WITH PORCH OR STOOP
FOUNDATION ONLY
CONTOUR, CONTOUR WITH ELEVATION
SPOT ELEVATION
CONCRETE CURB
CONCRETE CURB & GUTTER
CONCRETE WALK OR SLAB
EDGE OF PAVEMENT
TREE LINE
FENCE
CENTERLINE CREEK, SWALE OR DITCH
PROPERTY LINE
BASELINE
CONSTRUCTION LIMITS
FIELD SURVEY TRAVERSE POINT
P.C. OR P.T.
GEOLOGIC BORE HOLE
EXISTING STORM DRAIN
SANITARY SEWER
GAS MAIN OR SERVICE LINE
WATER MAIN OR SERVICE LINE
ELECTRICAL LINE
UNDERGROUND ELECTRICAL LINE
PIPE FITTINGS
FIRE HYDRANT
GATE VALVE
WATER VALVE
BLOW OFF
AIR RELEASE VALVE
CLEANOUT
MANHOLE
DROP INLET (CURB AND GRATING TYPES)
G.M. - GAS METER, W.M. - WATER METER
UNDERGROUND CABLE TELEVISION
TELEPHONE LINE
UNDERGROUND TELEPHONE LINE
TELEPHONE POLE, GUY AND ANCHOR
POWER POLE, GUY AND ANCHOR
LIGHT POLE
SIGNAL POLE
TELEPHONE PEDESTAL
BURIED TELEPHONE VAULT
HUB AND TACK
COORDINATE POINT
SILT FENCE
TREE PROTECTION

GENERAL NOTES

- THE LOCATION OF EXISTING UTILITIES, INCLUDING UNDERGROUND UTILITIES, IS INDICATED ON THE DRAWINGS INsofar AS THEIR EXISTENCE AND LOCATION WERE KNOWN AT THE TIME OF PREPARATION OF THE DRAWINGS. HOWEVER, NOTHING IN THESE CONTRACT DOCUMENTS SHALL BE CONSTRUED AS A GUARANTEE THAT SUCH UTILITIES ARE IN THE LOCATION INDICATED OR THAT THEY ACTUALLY EXIST, OR THAT OTHER UTILITIES ARE NOT WITHIN THE AREA OF OPERATIONS. THE CONTRACTOR SHALL MAKE ALL NECESSARY INVESTIGATIONS TO DETERMINE THE EXISTENCE AND LOCATIONS OF SUCH UTILITIES. THE CONTRACTOR SHALL PAY FOR ANY DAMAGE TO AND FOR MAINTENANCE AND PROTECTION OF EXISTING UTILITIES AND STRUCTURES. EXISTING WATERLINE LOCATIONS ARE APPROXIMATE AND CONTRACTOR SHALL ADJUST WATERLINE TO SUIT FIELD VERIFIED LOCATIONS.
- THE CONTRACTOR IS DIRECTED TO DIG AND LOCATE ALL UTILITIES, IN ADVANCE OF THE PIPELAYING, TO ALLOW FOR ADJUSTMENTS, DUE TO CONFLICTS WITH THE UTILITIES, IN THE HORIZONTAL AND VERTICAL LOCATION OF THE PIPE LINE.
- SURVEY INFORMATION BASED UPON FIELD SURVEY PERFORMED BY MATTEW & CRAIG IN 2004 AND 2005. NO BOUNDARY SURVEYS WERE PERFORMED.
- BENCH MARKS ARE AS NOTED ON DRAWINGS.
- ALL WORK IN THESE DRAWINGS ARE BASE BID WORK UNLESS NOTED SPECIFICALLY OTHERWISE.

VIRGINIA DEPARTMENT OF TRANSPORTATION NOTES:

- Waterline excavation must be behind the ditchline.
- All valves, covers, boxes, etc. must be out of the ditchlines and at least 2" below final grade.
- All fire hydrants must be located at the back of the right-of-way.
- All waterlines must be installed at least 3' off edge of pavement.
- All casings required for underground crossings must be extended behind the existing ditch lines.
- Design changes, specified material changes and/or field changes from the approved plans must be submitted to the Salem VDOT Resident Office prior to proceeding with the work. A letter of explanation shall accompany the revised design plans and/or engineering calculations, which must be submitted to VDOT for review and approval by the Resident Office or Permit Office.
- Sawcut all edges of pavement at crossings and other areas where pavement will be replaced.

1. Quality Control

All work done in the proposed, or existing right of way, including but not limited to street grading, street paving and all construction of all structural components, shall be done in accordance with current Virginia Department of Transportation Road and Bridge Standards and Specifications. All materials used shall be tested in accordance with VDOT standard policies. The developer shall contact the office of the resident engineer, prior to beginning any construction within the proposed or existing right of way. At that time, the resident engineer shall prepare an inspection and testing schedule. The developer will produce test reports from approved independent laboratories at the developer's expense.

2. Utilities

All necessary utility laterals along with provisions for conduits (i.e. water, sewer, storm, gas and telephone) will be constructed prior to placement of base material.

Gas or petroleum transmission lines will not be permitted within the pavement or shoulder element (back curb to back of curb) of this development. Service laterals crossing and pipe lines located outside the pavement by inside the right-of-way will be constructed in conformity with ASA B 31.8 specifications and safety regulations. Distribution lines with pressures less than 120 lbs. are unaffected by the above.

Permits will be required for all utilities within street right-of-way prior to acceptance into the secondary highway system. Any easements granted to a utility company for placement of power, telephone, etc. shall be released prior to acceptance.

3. Private Entrances

Modified CG-90 gutter will be provided at all entrances to private lots where standard CG-6 curb and gutter is approved for use.

Driveways connecting to roads without curb & gutter shall conform to the pavement, shoulder and slope.

Permits will be required for all private entrances constructed on street rights-of way after acceptance into the secondary highway system.

All private entrances within the right-of-way area should not exceed eight percent (8%) maximum grade.

4. Erosion control and landscaping

Care shall be taken during construction to prevent erosion, dust and mud from damaging adjacent property, clogging ditches, blocking public streets and otherwise creating a public or private nuisance to surrounding areas.

The entire construction area including ditches, channels, back of curbs and/or pavement is to be backfilled and seeded at the earliest possible time after final grading.

Drainage easements shall be defined by excavated ditches or channels for their full length to well defined existing natural watercourses.

The road will be reviewed during construction for the need of paved ditches. If erosion is encountered in any drainage easement, it will be the responsibility of the developer to sod, rip rap, gravel, pave or to do whatever is necessary to correct the problem.

All vegetation and overburden to be removed from shoulder to shoulder prior to the conditioning (cutting and/or preparation) of the sub-grade.

Intersection Pavement Radius
Minimum pavement radius of 25 feet is required at all street intersections.

6. Connections to State-Maintained Roads

When these plans have been approved, such approval does not exempt connections with existing state-maintained roads from critical review at the time permit applications are made. This is necessary in order that the prevailing conditions be taken into consideration regarding safety accommodations such as turning lanes.

7. Guardrail

Standard guardrail with safety end sections may be required on fills as deemed necessary by the resident engineer. After completion of rough grading operations, the office of the resident engineer, shall be notified so that a field review may be made of the proposed locations.

Where guardrails are to be installed the shoulder width shall be increased in accordance with VDOT road and bridge standards.

8. Storm Drainage

Field review will be made during construction to determine the need and limits of paved ditches and/or ditch stabilization treatments, and to determine the need and limits of additional drainage easements. All drainage easements shall be cut and made to function to a natural watercourse. Any erosion problems encountered in an easement shall be corrected by whatever means necessary prior to subdivision acceptance.

Ditch slopes are to be four to one (4:1) for shoulder widths of six feet (6') or greater and three to one (3:1) for shoulder widths of four feet (4') or five feet (5'), unless otherwise specified in the plans.

9. Entrance Permit

Contractor shall obtain entrance permit to the existing Virginia Department of Transportation's right-of-way resident engineer prior to road construction.

10. Inspection

An inspector will not be furnished except for periodic progress inspections, the above mentioned field reviews and checking for required stone depths. The developer will be required to post a surety to guarantee the road free of defects for one year after acceptance by the Department of Transportation.

11. Street Maintenance

The streets shall be properly maintained until acceptance. At such time as all requirements have been met for acceptance, another inspection will be made to determine that the street has been properly maintained.

12. Underground Utilities

Contractor shall verify location and elevation of all underground utilities shown on the plans in areas of construction prior to starting work by contacting Miss Utility. Contact site engineer immediately if location or elevations are different from that shown on the plans. If there appears to be a conflict, and upon discovery of any utility not shown on this plan, call "Miss Utility" of Central Virginia at 1-800-552-7001.

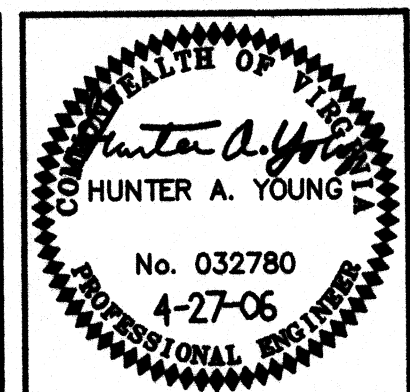
13. Revisions of specifications and Standards

Approval of these plans will be based on specifications and standards in effect at the time of approval and will be subject, until completion of the roadway and acceptance by the Department, to future revisions of the specifications and standards.

14. Restrictive Covenant

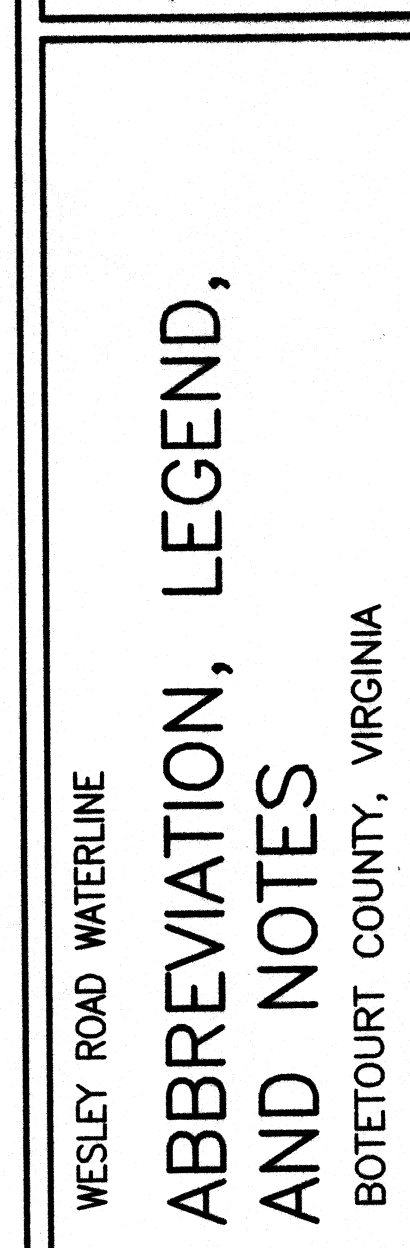
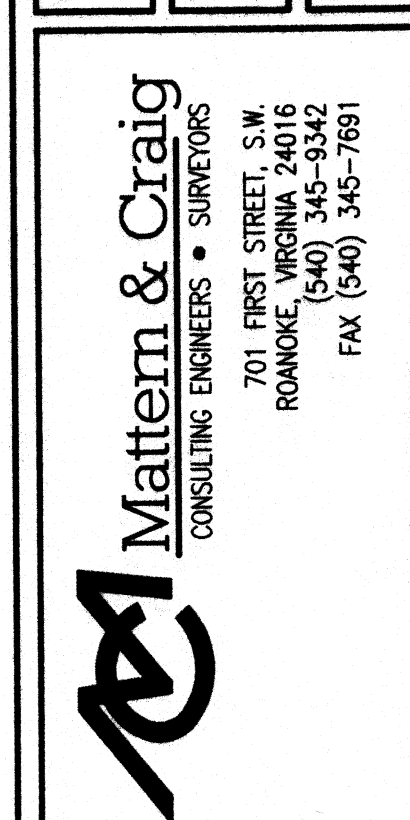
The street(s) serving the property described does not meet state standards and will not be maintained by the Department of Transportation or this county (or the municipality).

Additionally, the street(s) will not be considered eligible for addition as an element of the secondary system of state highways until it is constructed to the standards of the current prevailing Subdivision Street Requirements or other applicable approved standard of the Virginia Department of Transportation, utilizing funds other than those administered by the Department of Transportation.

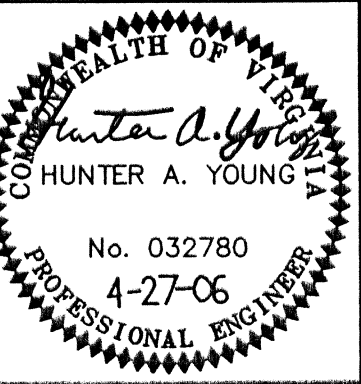
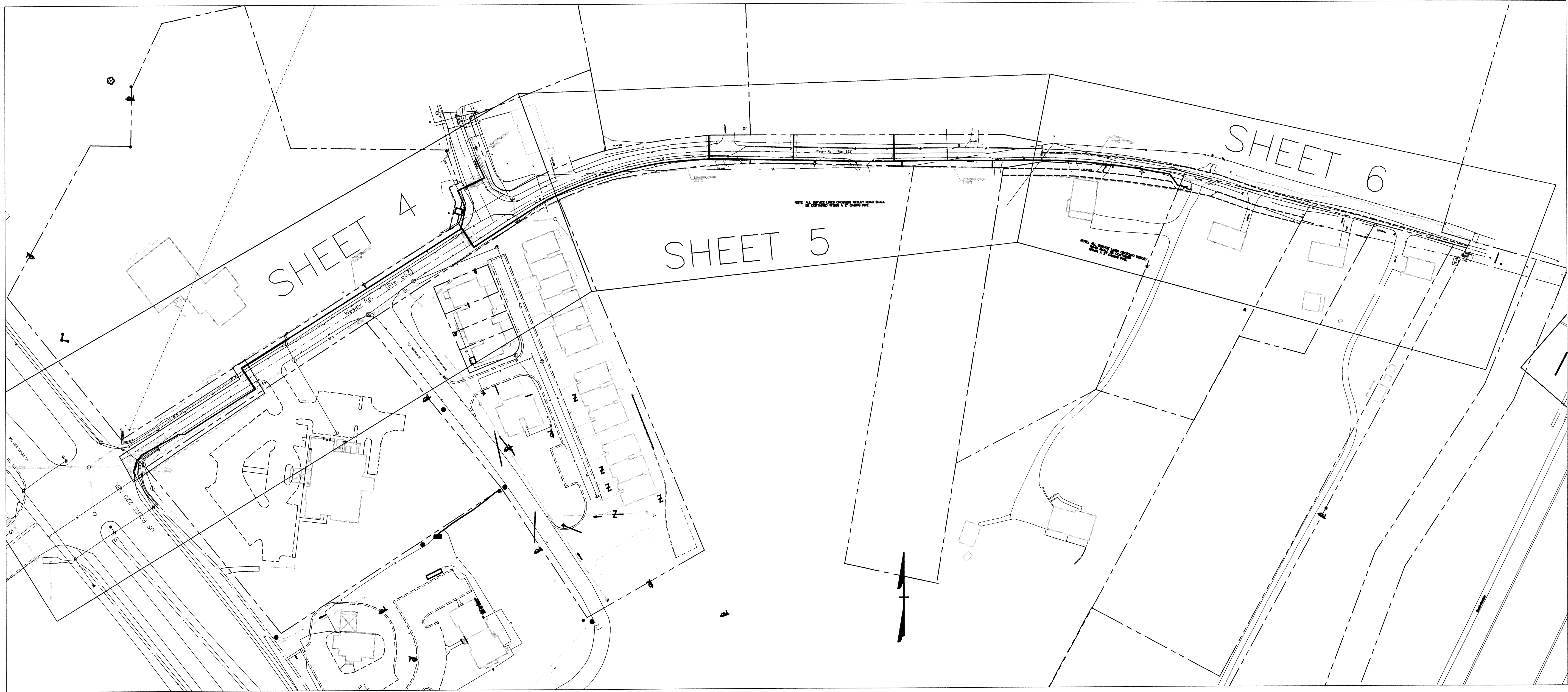


Revisions	Date	Comments
1	4-27-06	PRECONSTRUCTION

Issue Date:	11/07/05
Drawn By:	DBL
Designed By:	HAY
Checked By:	BOC
Date:	11/07/05



Vertical Scale:	N/A
Horizontal Scale:	N/A
Commission Number:	2258
Sheet No.:	2



Revisions	Date
1 PRECONSTRUCTION COMMENTS	4-27-06

Issue Date:	11/07/05
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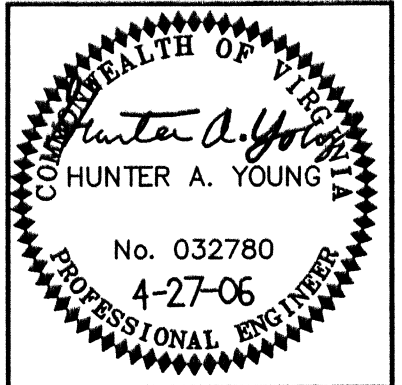
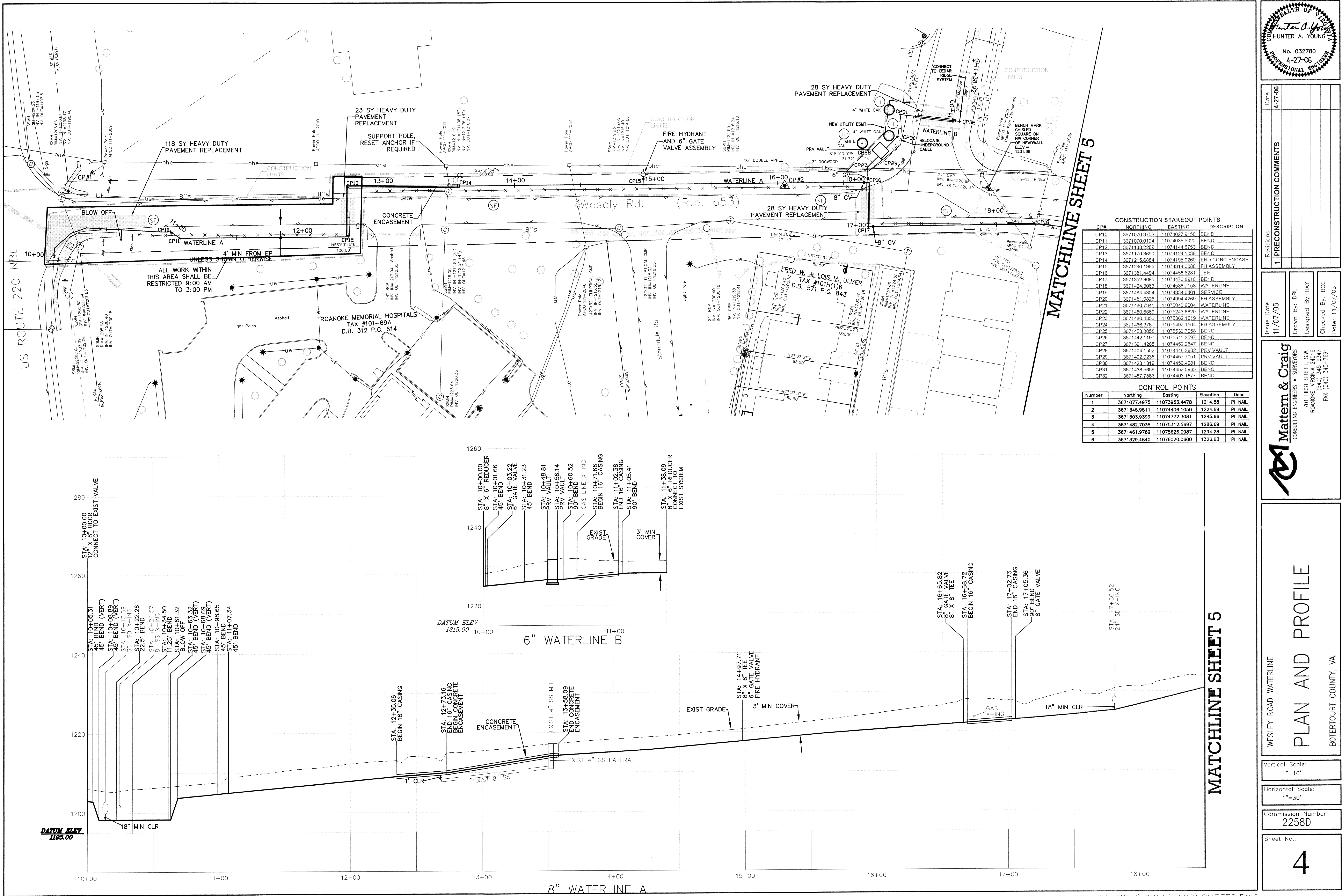
WESLEY ROAD WATERLINE
SHEET INDEX
BOTETOURT COUNTY, VIRGINIA

Vertical Scale:
N/A

Horizontal Scale:
1" = 80'

Commission Number:
2258

Sheet No.:
3



Date	4-27-06
Revisions	1 PRECONSTRUCTION COMMENTS

Issue Date:	11/07/05
Drawn By:	DBL
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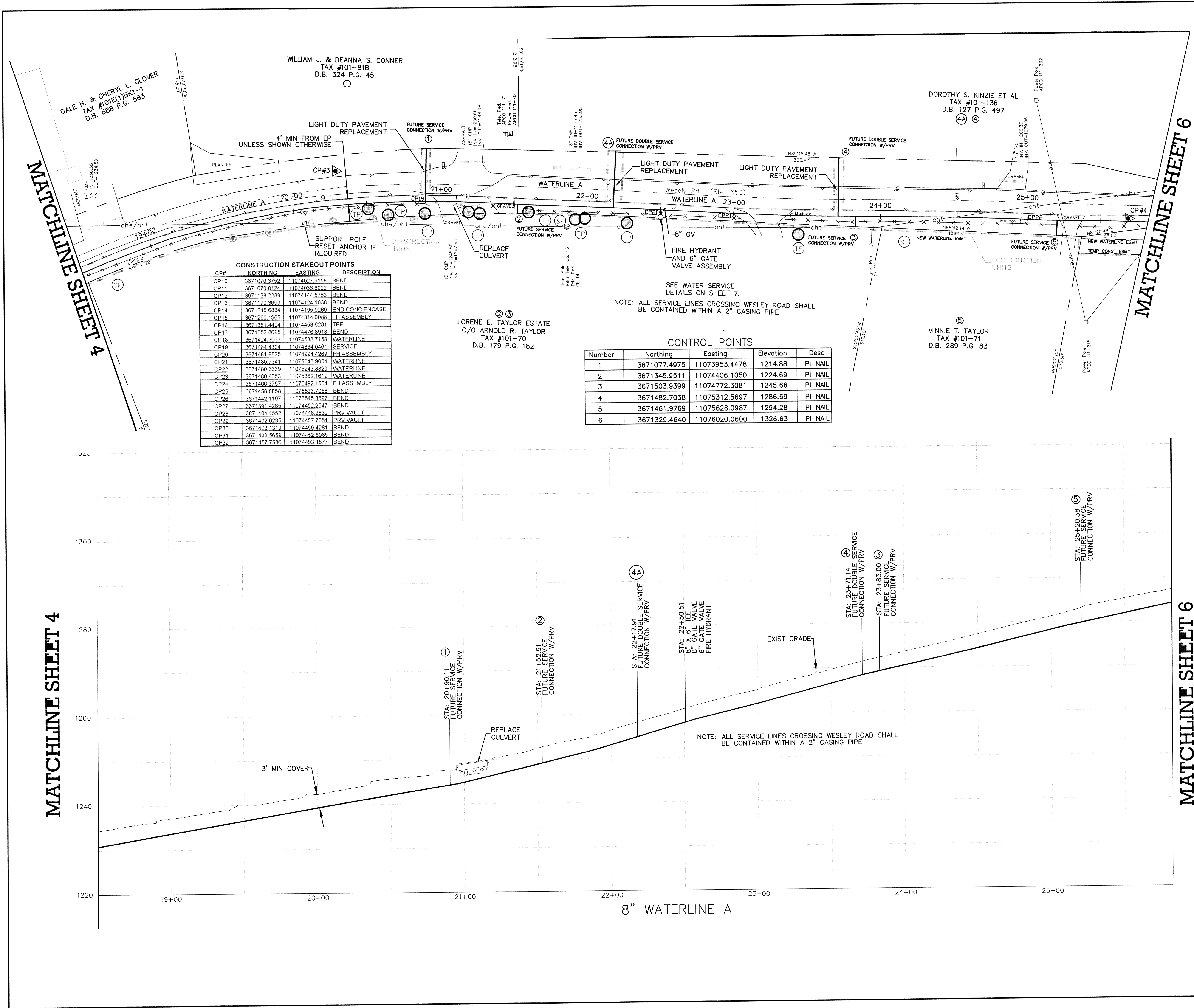
Mattem & Craig
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FAX (540) 345-7691

PLAN AND PROFILE

Vertical Scale:	1"=10'
Horizontal Scale:	1"=30'
Commission Number:	2258D
Sheet No.:	4

CONSTRUCTION STAKEOUT POINTS			
CP#	NORTHING	EASTING	DESCRIPTION
CP10	3671070.3752	11074027.9158	BEND
CP11	3671070.0124	11074036.6022	BEND
CP12	3671138.2289	11074144.5753	BEND
CP13	3671170.3690	11074124.1038	BEND
CP14	3671215.6884	11074195.9269	END CONC ENCASE
CP15	3671290.1965	11074314.0098	FH ASSEMBLY
CP16	3671381.4884	11074458.6281	TEE
CP17	3671352.8895	11074478.8919	BEND
CP18	3671424.3063	11074588.7158	WATERLINE
CP19	3671484.4304	11074834.0461	SERVICE
CP20	3671481.8825	11074994.4269	FH ASSEMBLY
CP21	3671480.7341	11075043.9004	WATERLINE
CP22	3671480.6669	11075243.8820	WATERLINE
CP23	3671480.4353	11075367.1619	WATERLINE
CP24	3671486.3767	11075492.1504	FH ASSEMBLY
CP25	3671458.8858	11075539.7058	BEND
CP26	3671442.1197	11075545.3597	BEND
CP27	3671391.4265	11074452.2547	BEND
CP28	3671404.1552	11074448.2832	PRV VAULT
CP29	3671402.0235	11074457.7051	PRV VAULT
CP30	3671423.1319	11074459.4281	BEND
CP31	3671438.5859	11074452.5985	BEND
CP32	3671457.7586	11074493.1877	BEND

CONTROL POINTS			
Number	Northing	Easting	Elevation Desc
1	3671077.4975	11073953.4478	1214.88 PI NAIL
2	3671345.9511	11074406.1050	1224.69 PI NAIL
3	3671503.9399	11074772.3081	1245.66 PI NAIL
4	3671482.7038	11075312.5697	1286.69 PI NAIL
5	3671461.9769	11075626.0987	1294.28 PI NAIL
6	3671329.4640	11076020.0600	1326.63 PI NAIL



EROSION AND SEDIMENT CONTROL NARRATIVE

EROSION AND SEDIMENT CONTROL MEASURES
UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE LATEST EDITION OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK.

SILT FENCE: SILT FENCE SHALL BE INSTALLED AS SHOWN ON THE PLANS. IT WILL INTERCEPT SILT LADEN RUNOFF BEFORE IT EXITS THE AREAS DISTURBED BY CONSTRUCTION. SILT FENCE INSTALLATION SHALL BE COORDINATED WITH AND INSPECTED BY THE COUNTY'S EROSION AND SEDIMENT CONTROL INSPECTOR OR REPRESENTATIVE.

TEMPORARY SEEDING: ALL DISTURBED AREAS LEFT UNWORKED FOR 30 DAYS SHALL BE SEEDED WITH THE APPROPRIATE TEMPORARY SEEDING MIXTURE AS SPECIFIED IN THE TABLE BELOW. THIS IS CRITICAL FOR ALL DIVERSIONS AND SEDIMENT TRAPS.

PERMANENT SEEDING: ALL DISTURBED AREAS WHICH WILL NOT RECEIVE PAVING OR GRAVEL SURFACE SHALL BE SEEDED AS SOON AS GRADING IS COMPLETED.

TRENCH DEWARTING: IF TRENCH DEWATERING IS NECESSARY, IT SHALL BE ACCOMPLISHED IN COMPLIANCE WITH STD & SPEC. 3.26 OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK.

MANAGEMENT STRATEGY AND SEQUENCE OF CONSTRUCTION

FOLLOWING ARE THE PROPOSED MANAGEMENT STRATEGIES AND POSSIBLE SEQUENCE OF CONSTRUCTION:

1. INSTALL TREE PROTECTION BEFORE BEGINNING ANY EXCAVATION.
2. SILT FENCE SHALL BE INSTALLED IMMEDIATELY AFTER THE PARALLEL WATERLINE IS PLACED.
3. ALL TRENCH EXCAVATION SHALL BE PLACED ON THE UPHILL SIDE OF THE TRENCH.
4. NO MORE THAN 500 FEET OF TRENCH MAY BE OPEN AT ONE TIME.
5. NO EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED UNTIL STABILIZATION IS ACHIEVED AND REMOVAL IS APPROVED BY THE INSPECTOR.

THE JOB SUPERINTENDENT SHALL ENSURE THE CORRECT INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES.

PERMANENT STABILIZATION
PERMANENT STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN (7) DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT (UNDISTURBED) FOR LONGER THAN 30 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT DORMANT FOR MORE THAN ONE (1) YEAR.

SEED SHALL BE PROVIDED AT THE FOLLOWING RATES:

POUNDS PER ACRE	SEED TYPE
128	KENTUCKY 31
2	RED TOP
20	SEASONAL NURSE CROP
(ANNUAL RYE, FOXTAIL MILLET, WINTER RYE MIX)	
20	CROWN VETCH

CONSTRUCTION MAINTENANCE
ALL EROSION AND SEDIMENT MEASURES WILL BE CHECKED DAILY AND AFTER EACH SIGNIFICANT RAINFALL. THE FOLLOWING ITEMS WILL BE CHECKED IN PARTICULAR.

1. THE SILT FENCE BARRIER SHALL BE CHECKED REGULARLY FOR UNDERMINING OR DETERIORATION OF THE FABRIC. SEDIMENT SHALL BE REMOVED AFTER EACH STORM EVENT AND ALSO WHEN THE LEVEL OF SEDIMENT DEPOSITION REACHES HALFWAY TO THE TOP OF THE BARRIER.
2. ADHERE TO ALL MAINTENANCE REQUIREMENTS OF THE EROSION AND SEDIMENT CONTROL MEASURES AS OUTLINED IN THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.
3. THE SEEDED AREAS WILL BE CHECKED REGULARLY TO ENSURE THAT A GOOD STAND IS MAINTAINED. AREA SHALL BE FERTILIZED AND RESEED AS NEEDED.
4. TRENCH DEWATERING, IF NECESSARY, SHALL BE ACCOMPLISHED IN COMPLIANCE WITH STD & SPEC. 3.26 OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK.

PROFESSIONAL ENGINEER
HUNTER A. YOUNG
No. 032780
4-27-06

Revisions

Revisions	Issue Date	Drawn By	Designed By	Checked By	Date
1	11/07/05	DBL	HAY	BCC	11/07/05

WESLEY ROAD WATERLINE

PLAN AND PROFILE

BOYERTOURT COUNTY, VA

Vertical Scale: 1"=10'

Horizontal Scale: 1"=30'

Commission Number: 2258D

Sheet No.: 5

