

CITY OF LYNCHBURG

DEPARTMENT OF WATER RESOURCES

CSO 61 SEPARATION

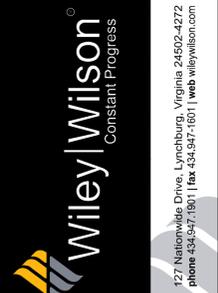
CITY OF LYNCHBURG PROJECT #15007-SW; RWS 1506-0001

CSO 125 SEPARATION

CITY OF LYNCHBURG PROJECT #15003-SW; RWS 1505-0003

LYNCHBURG, VIRGINIA

NOVEMBER 11, 2015



CITY OF LYNCHBURG
DEPARTMENT OF WATER RESOURCES
CSO 61 SEPARATION
CITY OF LYNCHBURG PROJECT #15007-SW
RWS 1506-0001
LYNCHBURG, VIRGINIA

REV.	DATE	REVISION DESCRIPTION

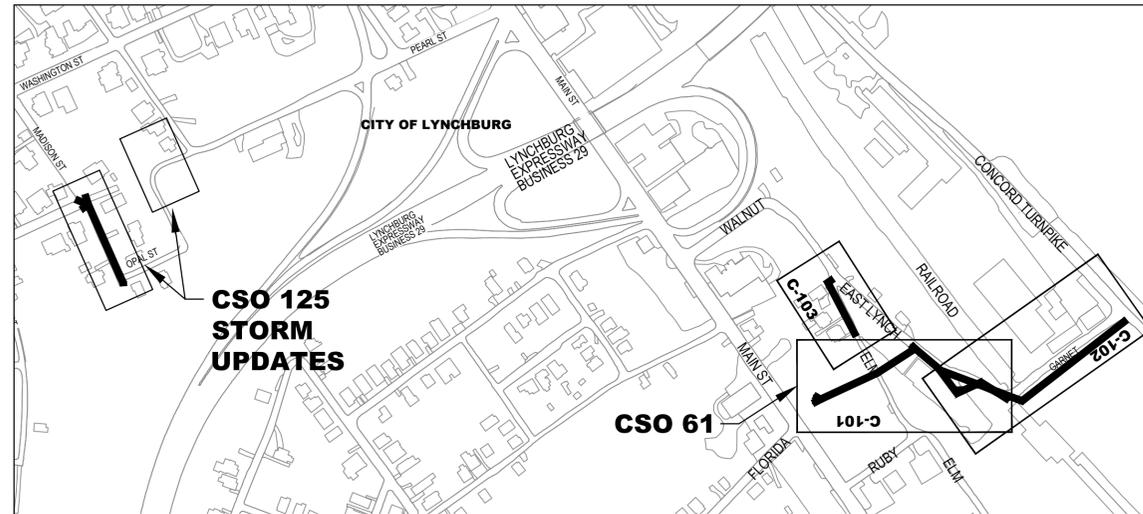
COMM NO: 214233 & 214194
DATE: NOVEMBER 11, 2015
DRAWN: LDB DESIGN: LDB
CHECK: GKT
SHEET TITLE

COVER SHEET
CSO 61 & CSO 125

SHT. NO. G-001	REV. NO. 0
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LEGEND & ABBREVIATIONS:

EXISTING	
	CONTROL POINT - NAIL SET
	STORM MANHOLE
	SANITARY MANHOLE
	POWER POLE
	LIGHT POLE
	FIRE HYDRANT
	WATER VALVE
	TELEPHONE POLE
	SIGN
	BUSH
	RAILROAD TRACKS
	HANDRAIL
	EDGE OF PAVEMENT
	FENCELINE
	TREELINE
	OVERHEAD TELEPHONE
	UNDERGROUND NATURAL GAS
	OVERHEAD ELECTRIC
	UNDERGROUND ELECTRIC
	SANITARY LINE
	STORM LINE
	WATER LINE
	ABANDONED
	CURED IN PLACE PIPE
	DUCTILE IRON PIPE
	ELEVATION
	EXISTING
	FIRE HYDRANT
	INVERT
	LINEAR FOOT
	MANHOLE
	OVERHEAD ELECTRIC
	POLYVINYL CHLORIDE PIPE
	REINFORCED CONCRETE PIPE
	STORM SEWER
	SANITARY SEWER
	UNDERGROUND ELECTRIC
	VIRGINIA DEPARTMENT OF TRANSPORTATION



VICINITY MAP
NOT TO SCALE

LIST OF DRAWINGS	
DWG NO.	TITLE
G-001	COVER SHEET - CSO 61 & CSO 125
G-001	COVER SHEET
C-001	OVERALL PLAN
C-101	CSO 61 SANITARY PLAN & PROFILE
C-102	CSO 61 12-INCH WATER PLAN & PROFILE
C-103	CSO 61 8-INCH WATER PLAN & PROFILE
C-401	EROSION & SEDIMENT CONTROL NARRATIVE
G-001	COVER SHEET
C-102	CSO 125 STORM UPDATES

GENERAL NOTES:

- CONTACT THE CITY CONSTRUCTION COORDINATOR (GREG BLAIR 434-455-4141) AND VA.811.COM 48 HOURS IN ADVANCE OF ANY CONSTRUCTION ACTIVITY.
- ALL WORK ON THIS PROJECT SHALL CONFORM TO THE LATEST EDITIONS OF THE CITY OF LYNCHBURG MANUAL OF SPECIFICATIONS AND STANDARD DETAILS, THE VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT) ROAD AND BRIDGE STANDARDS, THE VIRGINIA EROSION AND SEDIMENT CONTROL REGULATIONS, AND ANY OTHER STATE, FEDERAL, OR LOCAL REGULATIONS APPLICABLE. IN THE EVENT OF CONFLICT BETWEEN ANY OF THESE STANDARDS, SPECIFICATIONS OR PLANS, THE MOST STRINGENT SHALL GOVERN.
- CONTACT LYNCHBURG COMMUNICATIONS AT 434-847-1485 OR 434-847-1602 FOR EMERGENCY PREPAREDNESS IN ADVANCE BEFORE:
 - WATER IS SHUT OFF, REDUCED OR ALTERED;
 - ROUTES ARE ALTERED OR BLOCKED.
- CONTRACTOR MUST FOLLOW THE TRAFFIC CONTROL PLAN SUBMITTAL PROCEDURE PER THE CITY MANUAL OF SPECIFICATIONS.

OWNER INFORMATION:

OWNER: CITY OF LYNCHBURG
CONTACT: JAMES TALIAN
WATER QUALITY MANAGER - CSO
525 TAYLOR STREET
LYNCHBURG, VA 24501
(434) 455-3953
PHONE: james.talian@lynchburgva.gov
EMAIL:

ENGINEER INFORMATION:

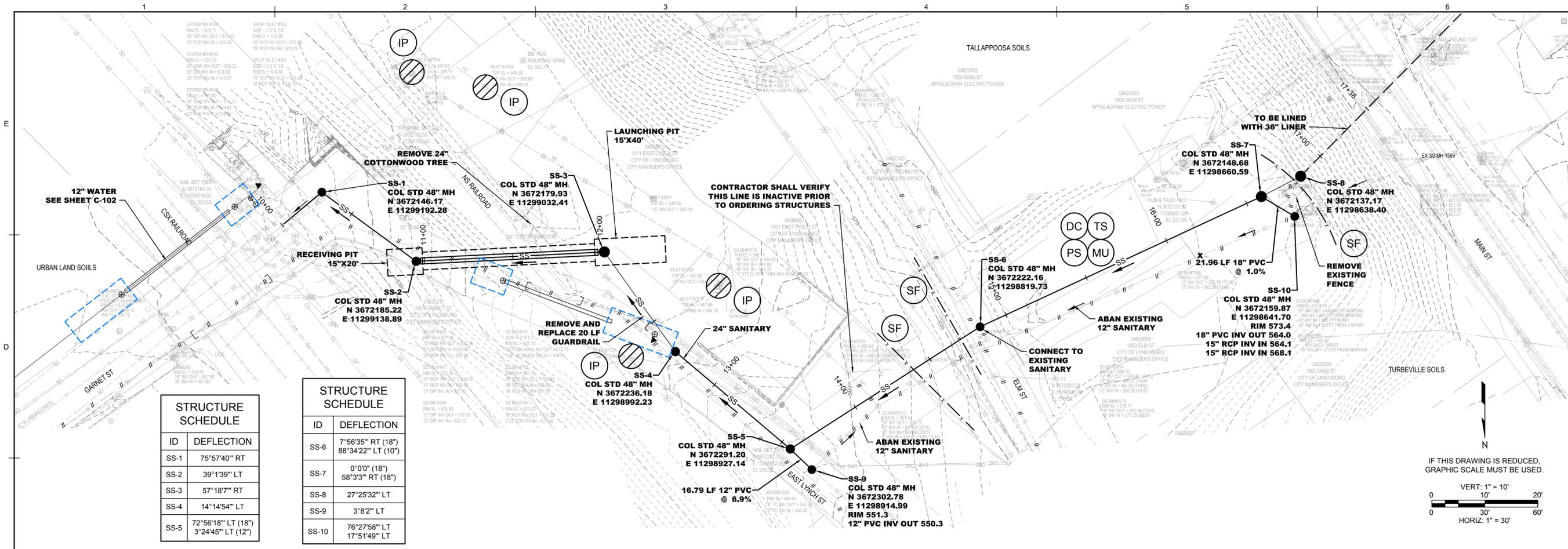
ENGINEER: WILEY|WILSON
127 NATIONWIDE DRIVE
LYNCHBURG, VA 24502
CONTACT: G. KEITH THOMPSON, PE
PHONE: (434) 455-3219
EMAIL: kthompson@wileywilson.com

PROJECT NAME & LOCATION:

CSO 61 AND CSO 125 SEPARATION
LYNCHBURG, VIRGINIA

IMPERVIOUS AREA STATISTICS

THE PLANNED IMPROVEMENTS WILL NOT CHANGE THE IMPERVIOUS COVER WITHIN THE PROJECT CORRIDOR.

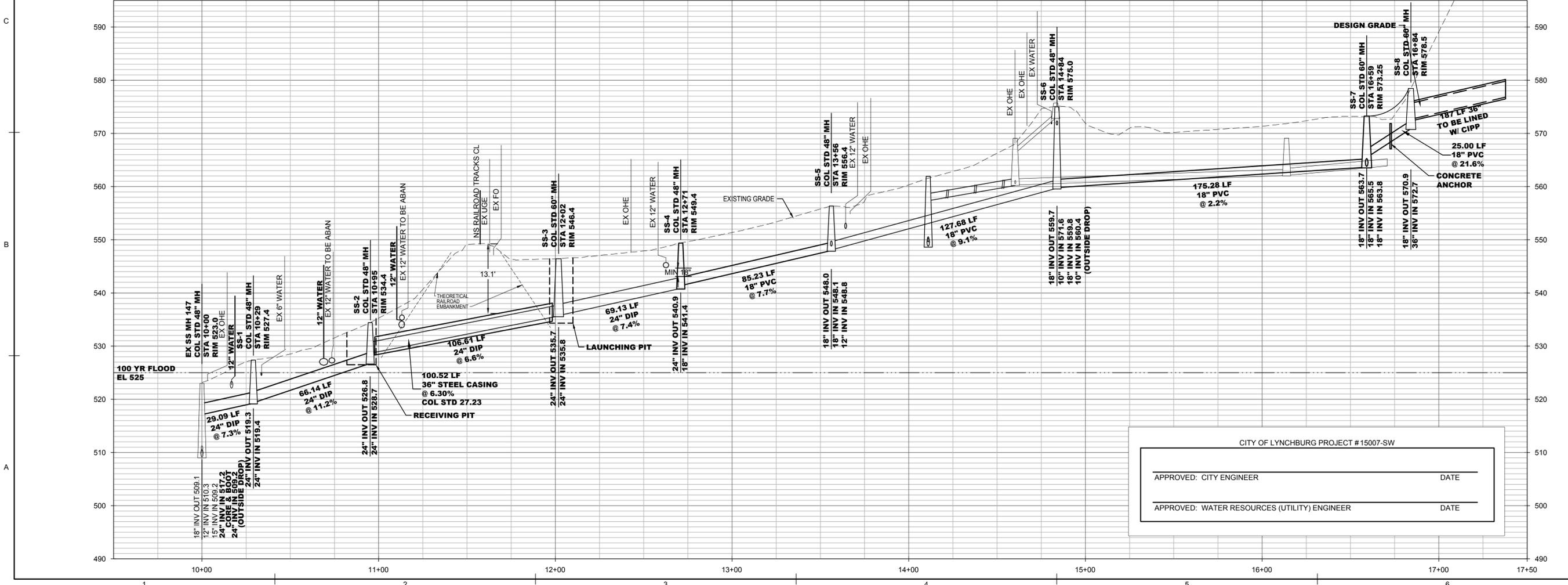
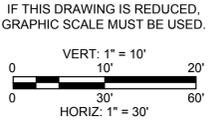


STRUCTURE SCHEDULE

ID	DEFLECTION
SS-1	75°57'40" RT
SS-2	39°1'39" LT
SS-3	57°18'7" RT
SS-4	14°14'54" LT
SS-5	72°56'18" LT (18") 3°24'45" LT (12")

STRUCTURE SCHEDULE

ID	DEFLECTION
SS-6	7°56'35" RT (18") 88°34'22" LT (10")
SS-7	0°0'0" (18") 58°3'33" RT (18")
SS-8	27°25'32" LT
SS-9	3°8'2" LT
SS-10	76°27'58" LT (18") 17°51'49" LT



CITY OF LYNCHBURG PROJECT # 15007-SW

APPROVED: CITY ENGINEER	DATE
APPROVED: WATER RESOURCES (UTILITY) ENGINEER	DATE



CITY OF LYNCHBURG
DEPARTMENT OF WATER RESOURCES
CSO 61 SEPARATION
CITY OF LYNCHBURG PROJECT #15007-SW
RWS 1506-0001
LYNCHBURG, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

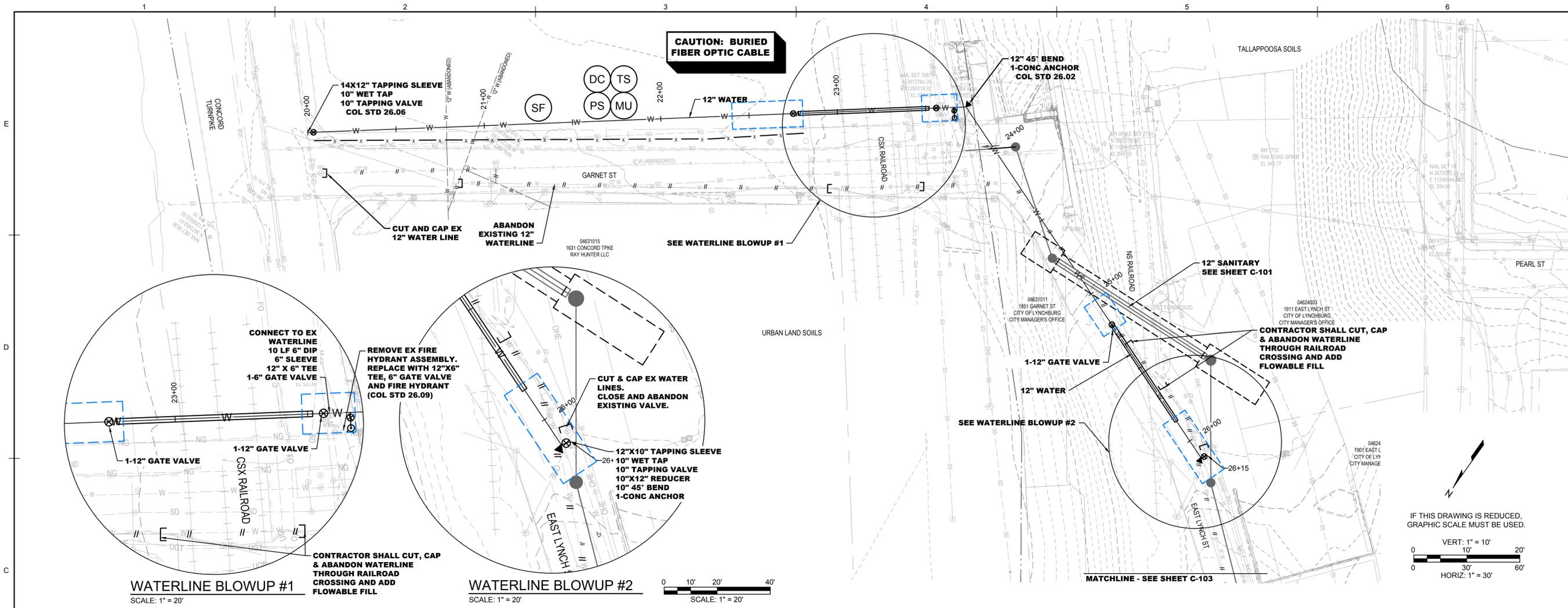
COMM NO: 214233	DATE: NOVEMBER 2, 2015
DRAWN: LDB	DESIGN: LDB
CHECK: GKT	
SHEET TITLE	
SANITARY LINE PLAN & PROFILE	
SHT. NO. C-101	REV. NO. 0

Wiley Wilson
Consultant Progress

127 Nationwide Drive, Lynchburg, Virginia 24502-4272
phone 434.947.1801 fax 434.947.1801 web wileywilson.com

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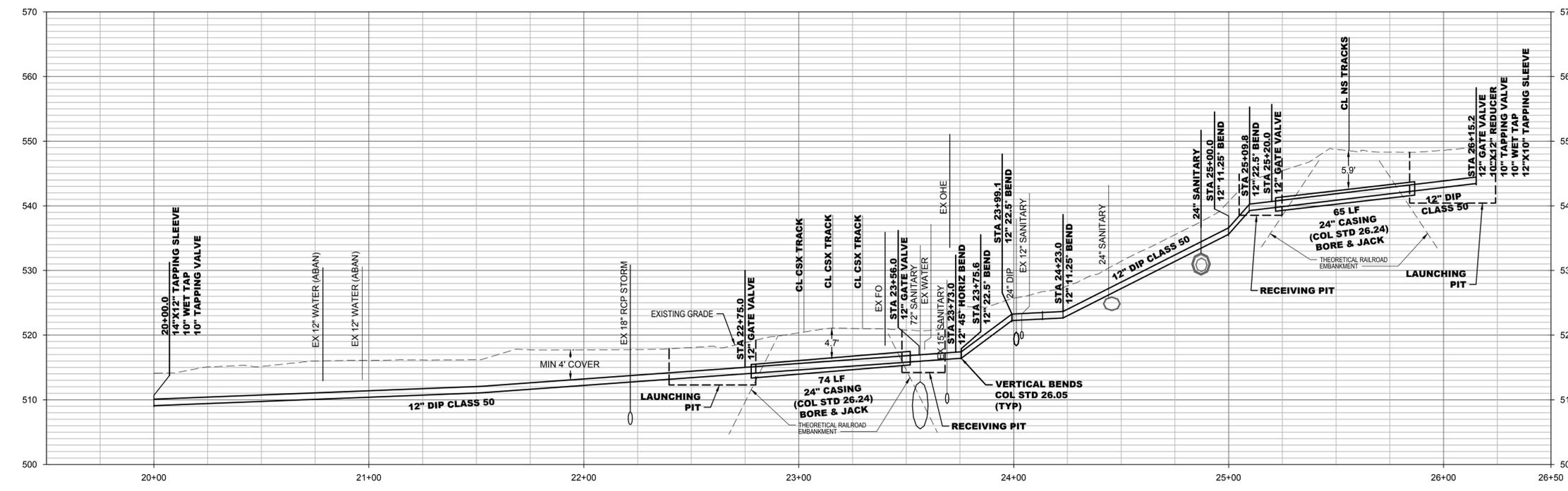
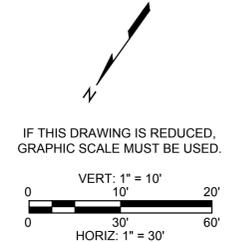
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WATERLINE BLOWUP #1
SCALE: 1" = 20'

WATERLINE BLOWUP #2
SCALE: 1" = 20'

SCALE: 1" = 20'



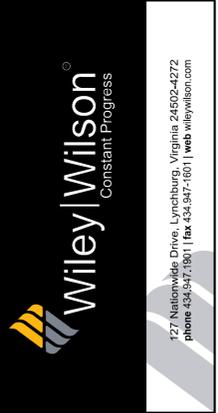
NOTE:
ALL BENDS (VERTICAL AND HORIZONTAL) SHALL INCLUDE JOINT RESTRAINT IN ACCORDANCE WITH CITY SPECIFICATIONS AND DESIGN STANDARDS.

STATIC PRESSURE = 155 PSI
TEST PRESSURE = 250 PSI

CITY OF LYNCHBURG PROJECT #15007-SW

APPROVED: CITY ENGINEER _____ DATE _____

APPROVED: WATER RESOURCES (UTILITY) ENGINEER _____ DATE _____



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DEPARTMENT OF WATER RESOURCES
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CITY OF LYNCHBURG PROJECT #15007-SW
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LYNCHBURG, VIRGINIA

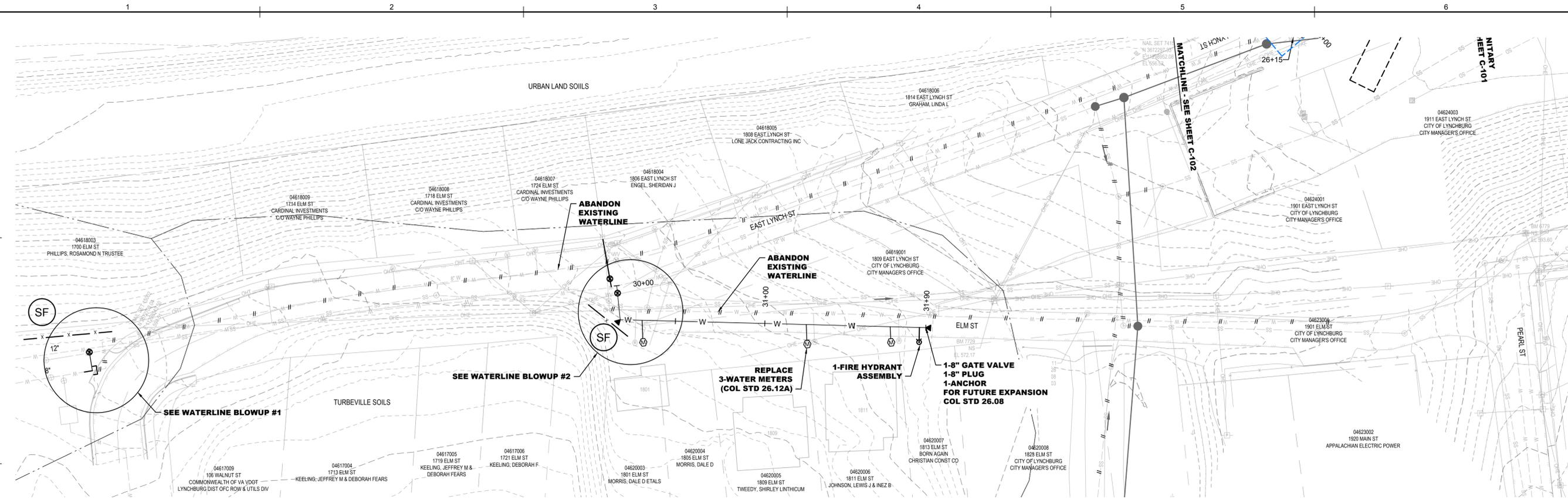
MRK	DATE	REVISION DESCRIPTION

COMM NO: 214233
DATE: NOVEMBER 2, 2015
DRAWN: LDB DESIGN: LDB
CHECK: GKT

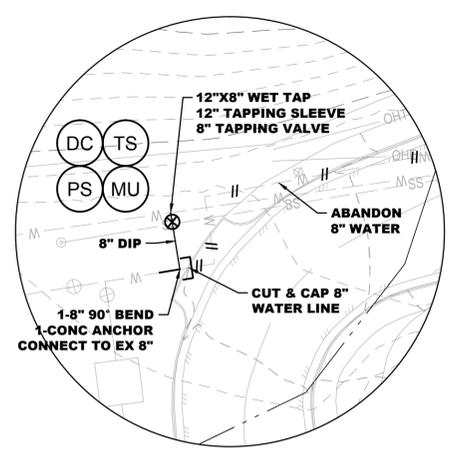
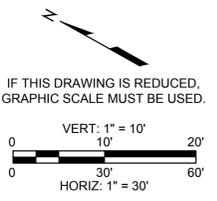
SHEET TITLE
**12-INCH WATER LINE
PLAN & PROFILE**

SHT. NO. **C-102** REV. NO. **0**

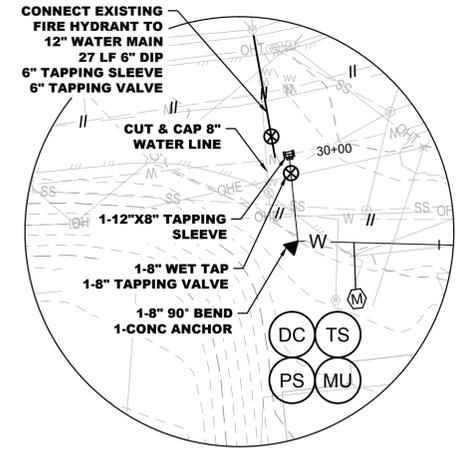
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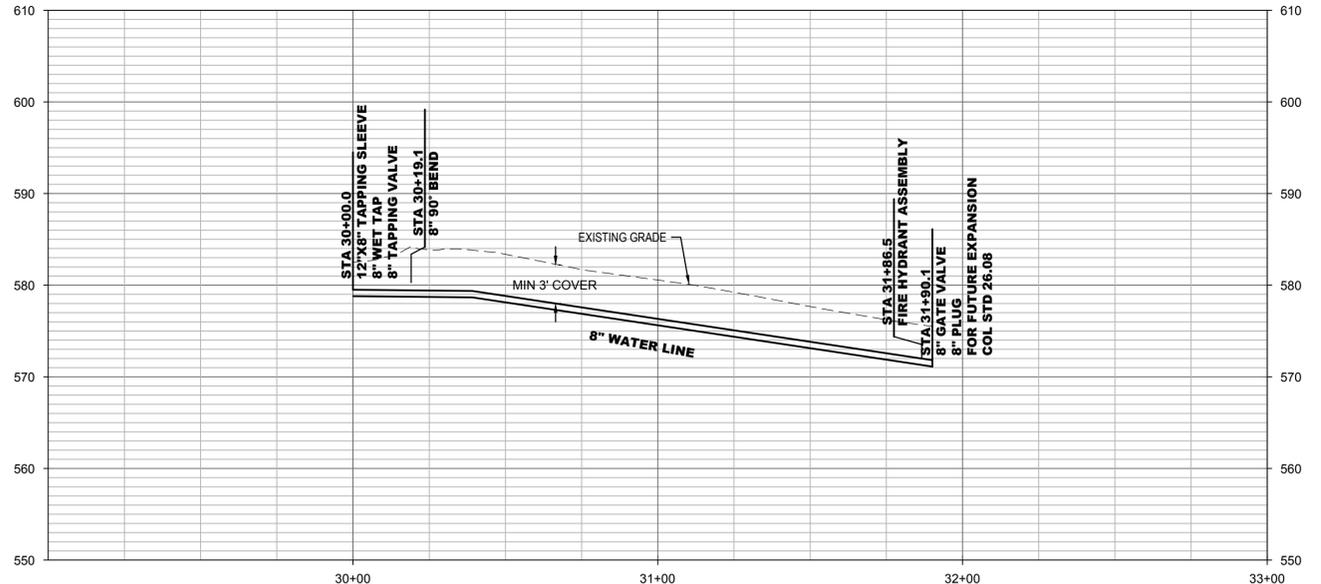
- NOTE:**
- CONTRACTOR SHALL VERIFY ALL EXISTING WATER METERS ARE CONNECTED TO THE EXISTING 12" WATER LINE. ANY SERVICES THAT ARE CONNECTED TO THE 8" WATER MAIN SHALL BE CONNECTED TO THE 12" MAIN PRIOR TO ABANDONMENT.
 - ALL BENDS (VERTICAL AND HORIZONTAL) SHALL INCLUDE JOINT RESTRAINT IN ACCORDANCE WITH CITY SPECIFICATIONS AND DESIGN STANDARDS.



WATERLINE BLOWUP #1
SCALE: 1" = 20'



WATERLINE BLOWUP #2
SCALE: 1" = 20'



**STATIC PRESSURE = 130 PSI
TEST PRESSURE = 200 PSI**

CITY OF LYNCHBURG PROJECT #15007-SW

APPROVED: CITY ENGINEER	DATE
APPROVED: WATER RESOURCES (UTILITY) ENGINEER	DATE

127 Nationwide Drive, Lynchburg, Virginia 24502-4272
phone 434.947.7801 fax 434.947.1601 web wileywilson.com



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RWS 1506-0001
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MRK	DATE	REVISION/DESCRIPTION

COMM NO: 214233
DATE: NOVEMBER 2, 2015
DRAWN: LDB DESIGN: LDB
CHECK: GKT

SHEET TITLE
**8-INCH WATER LINE
PLAN & PROFILE**

SHT. NO. **C-103** REV. NO. **0**

