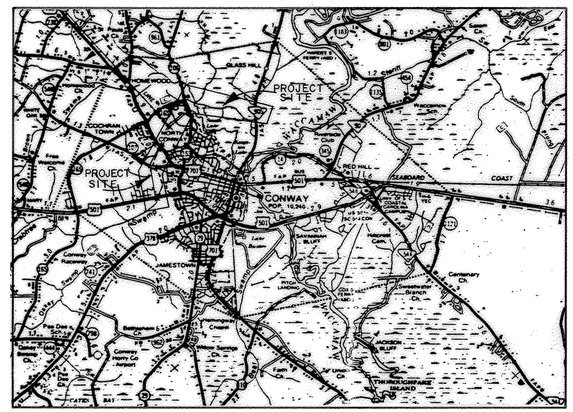
GRAND STRAND WATER AND SEWER AUTHORITY
CONWAY LOOP WATERLINE
U.S. HWY 501 TO S.C. HWY. 905

* Owned & Maintained by The City of Conway *



LOCATION MAP
NOT TO SCALE

GENERAL NOTES:

1. ALL EXISTING DITCHES TO BE RECONSTRUCTED AS NECESSARY TO ALLOW PROPER PIPELINE INSTALLATION, CLEARANCE, AND DEPTH OF COVER.
2. MINIMUM DEPTH OF COVER SHALL BE 36"
3. EXISTING LINES AND VALVES TO BE FIELD LOCATED BY CONTRACTOR.
4. CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES BEFORE BEGINNING CONSTRUCTION. INFORMATION ON EXISTING UTILITIES SHOWN ON THE DRAWINGS IS FOR INFORMATIONAL PURPOSES ONLY, NO RESPONSIBILITY IS ASSUMED BY GSW&SA OR THE OWNER FOR THE ACCURACY OR COMPLETENESS OF THIS INFORMATION.
5. ALL MATERIAL, WORKMANSHIP, CONSTRUCTION AND TESTING SHALL CONFORM TO THE GSW&SA STANDARD PLANS AND SPECIFICATIONS.
6. DISTANCE BETWEEN MAIN LINE GATE VALVES ARE APPROXIMATE: LOCATION OF GATE VALVES TO BE DETERMINED BY GSW&SA.
7. THE GSW&SA WILL SECURE ALL NECESSARY ENCROACHMENT AND TRENCH PERMITS FROM APPLICABLE PUBLIC AGENCIES.
8. NO CONSTRUCTION SHALL COMMENCE WITHOUT PRIOR APPROVAL OF THE GSW&SA AND THE CITY OF CONWAY.

PREPARED BY:

GRAND STRAND WATER & SEWER AUTHORITY
PO BOX 1537 CONWAY, SC 29526

APPROVED BY:

Fred R Richardson

FRED R. RICHARDSON P.E.# 9853

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 9853 FRED R. RICHARDSON

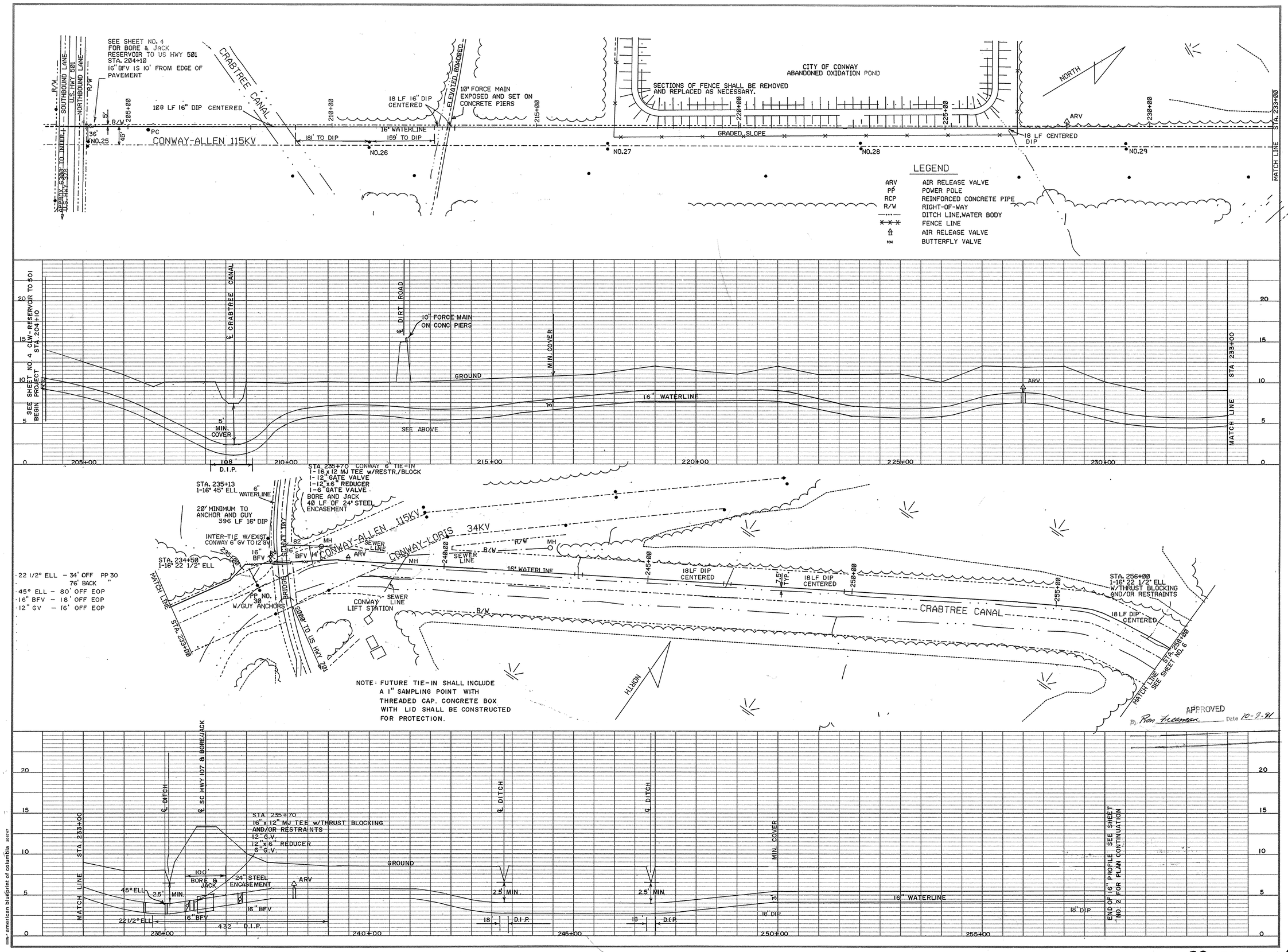
APPROVED BY:

Victor Frederick DuBose

VICTOR FREDERICK DUBOSE CONWAY UTILITY DIRECTOR

ACCT. NO. 288

29-01-004W



REVISION	BY	DATE
AS-BUILT	REP	10/91

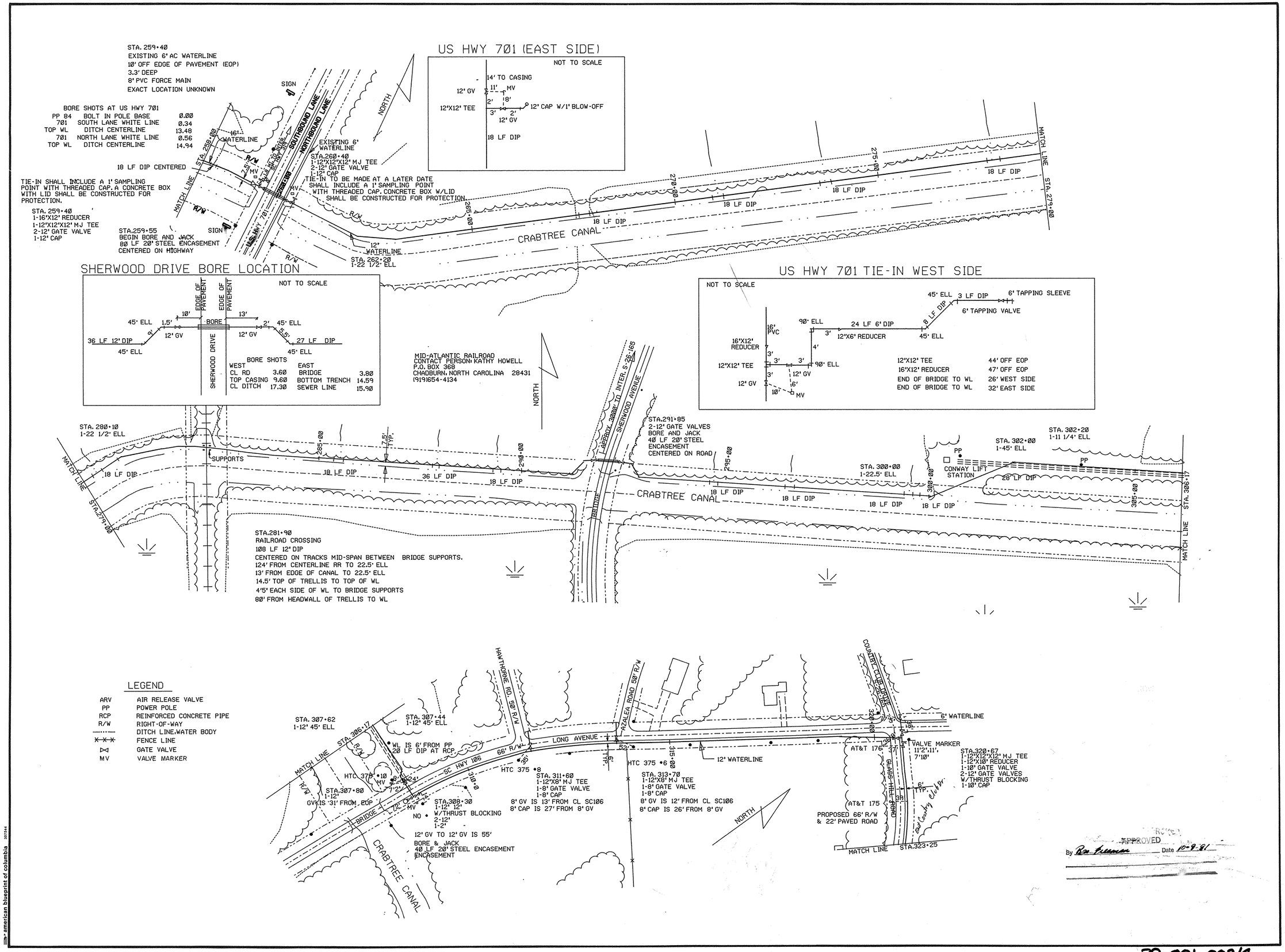
CONWAY LOOP WATERLINE U.S. HWY 501 TO SC HWY 106

GRAND STRAND WATER & SEWER AUTHORITY

P.O. BOX 1537, CONWAY, S.C. 29526
TELEPHONE (803) 347-4641 OR 448-1686

DATE	NOVEMBER 1990
SCALE	HOR. 1"= 100' VER. 1"= 5'
DRAWN BY	ROBERT PERKINS
CHECKED BY	BRUCE BAXLEY
	JIM HEMBREE
REVIEWED BY	Fred Richardson
FRED RICHARDSON PE NO. 9853	
SHEET 1 OF 4	
DRAWING NO.	~~29-01-004W~~

29-001-001/4



REVISION	BY	DATE
AS-BUILT	RP	10/91

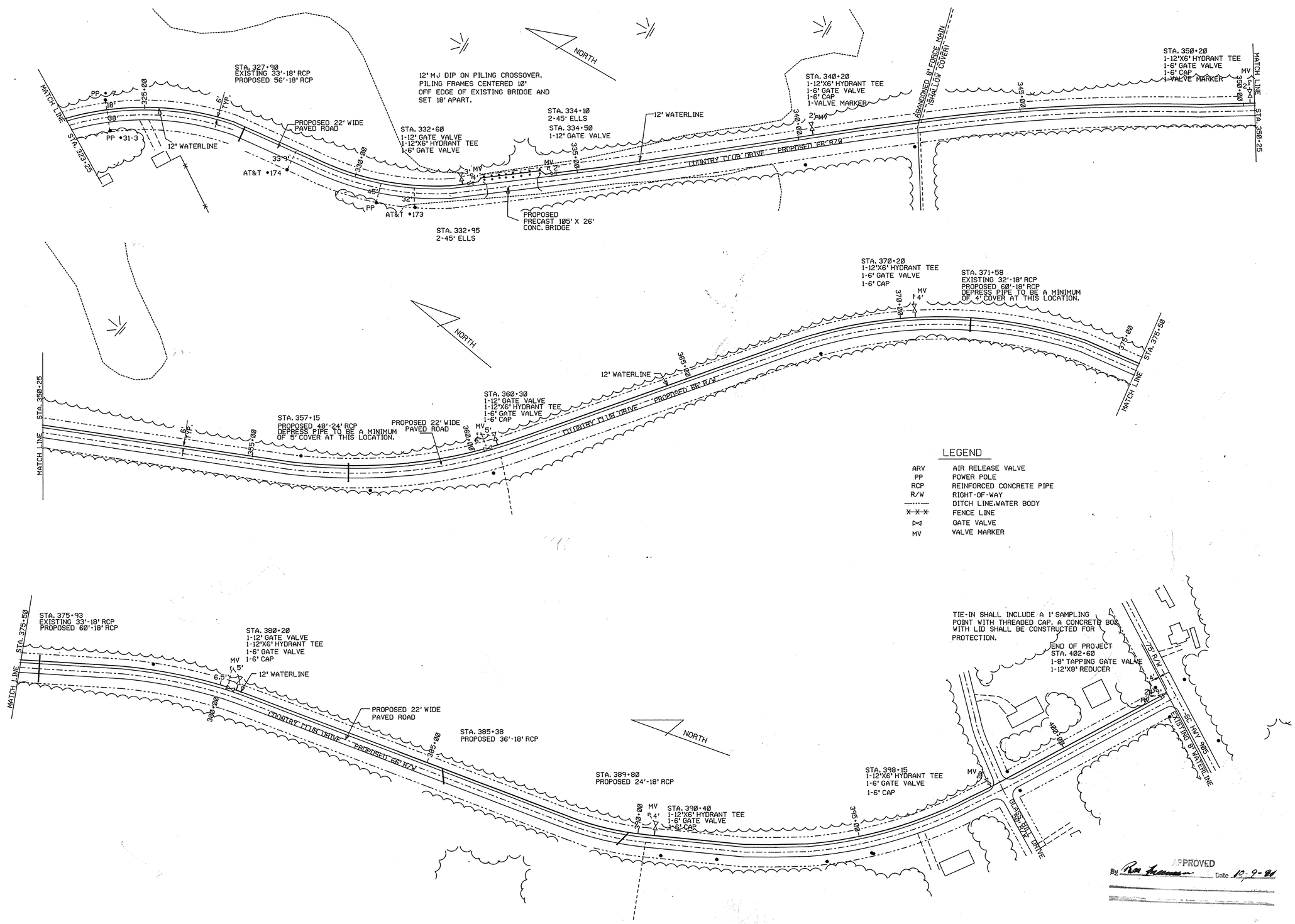
CONWAY LOOP WATERLINE
U.S. HWY 501 TO SC HWY 905
GRAND STRAND WATER & SEWER AUTHORITY

TELEPHONE (803) 347-4641 OR 448-1686
P.O. BOX 1537, CONWAY, S.C. 29526

DATE	NOVEMBER 1990
SCALE	1" = 100'
DRAWN BY	ROBERT PERKINS
CHECKED BY	BRUCE BAXLEY
APPROVED BY	Fred Richardson
	FRED RICHARDSON PE NO. 9853
SHEET 2 OF	
DRAWING NO.	29-01-004 W

29-001-002/4

american blueprint of columbia 30744



REVISION	BY	DATE
AS-BUILT	RP	10/91

CONWAY LOOP WATERLINE
U.S. HWY 501 TO SC HWY 905
GRAND STRAND WATER & SEWER AUTHORITY

P.O. BOX 1537, CONWAY, S.C. 29526
TELEPHONE (803) 347-4641 OR 448-1686

DATE	NOVEMBER 1990
SCALE	1"=100'
DRAWN BY	ROBERT PERKINS
CHECKED BY	BRUCE BAXLEY
APPROVED BY	FRED RICHARDSON, P.E. NO. 9853
SHEET 3 OF 4	
DRAWING NO.	~~29-01-004-W~~

29-001-003/4

american blueprint of columbia 307344

CONWAY LOOP WATERLINE

U.S. HWY. 501 TO S.C. HWY. 905

MATERIALS AS-BUILT REPORT

PAGE 1

FITTING	SIZE	TYPE MATERIAL	LOCATION STATION #	MANUFACTURER	REMARKS
BUTTERFLY VALVE	16"	D.I.	204+10	M & H	
FITTING RESTRAINER	16"	D.I.	204+11	EBBA IRON	
AIR RELEASE VALVE	2"		228+00	VAL MATIC	
22½° BEND	16"	D.I.	234+50	GRIFFIN	
2-FITTING RESTRAINER	16"	D.I.	234+50	EBBA IRON	
45° BEND	16"	D.I.	235+13	GRIFFIN	
2- FITTING RESTRAINER	16"	D.I.	235-13	EBBA IRON	
BUTTERFLY VALVE	16"	D.I.	235+25	M & H	
TEE	16" x 12"	D.I.	235+27	GRIFFIN	
2-FITTING RESTRAINERS	16"	D.I.	235+27	EBBA IRON	
1-FITTING RESTRAINER	12"	D.I.	235+27	EBBA IRON	
BORE HWY 107	20"	STEEL	236+20 B	EMPIRE	
BORE HWY 107	20"	STEEL	236+60 E	EMPIRE	
BUTTERFLY VALVE	16"	D.I.	237+78	M & H	
2-FITTING RESTRAINERS	16"	D.I.	237+78	EBBA IRON	
AIR RELEASE VALVE	2"		238+05	VAL MATIC	
22½° BEND	16"	D.I.	256+00	GRIFFIN	
2-FITTING RESTRAINERS	16"	D.I.	256+00	EBBA IRON	
REDUCER	16" x 12"	D.I.	259+40	GRIFFIN	
FITTING RESTRAINER	16"	D.I.	259+40	EBBA IRON	
FITTING RESTRAINER	12"	D.I.	259+40	EBBA IRON	
TEE	10"	D.I.	259+42	GRIFFIN	
3-FITTING RESTRAINERS	12"	D.I.	259+42	EBBA IRON	
G.V.	12"	D.I.	259+42	M & H	
CAP	12"	D.I.	259+42	GRIFFIN	

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FITTING	SIZE	TYPE MATERIAL	LOCATION STATION #	MANUFACTURER	REMARKS
Bore Hwy 701	20"	Steel	259+55	Empire	
Bore Hwy 701	20"	Steel	260+15	Empire	
Tee	12"	Ductile	260+40	Griffin	
Gate Valve	12"	Ductile	260+42	M & H	
Fitting Restr 3	12"	Ductile	260+40	Ebba Iron	
Fitting Restr 2	12"	Ductile	260+42	Ebba Iron	
22½° Bend	12"	Ductile	262+20	Griffin	
22½° Bend	12"	Ductile	280+10	Griffin	
Fitting Restr 2	12"	Ductile	280+10	Ebba Iron	
Fitting Restr 2	12"	Ductile	262+20	Griffin	
Gate Valve	12"	Ductile	291+85	M & H	
Fitting Restr	12"	Ductile	291+85	Ebba Iron	
Bore Sherwood	20"	Steel	291+90	Empire	
Bore Sherwood	20"	Steel	292+30	Empire	
Gate Valve	12"	Ductile	292+35	M & H	
Fitting Restr	12"	Ductile	292+35	Ebba Iron	
45° Bend	12"	Ductile	292+38	Griffin	
45° Bend	12"	Ductile	292+56	Griffin	
Fitting Rest	12"	Ductile	292+56	Ebba Iron	
Fitting Rest	12"	Ductile	292+38	Ebba Iron	
22½° Bend	12"	Ductile	300+00	Griffin	
Fitting Rest	12"	Ductile	300+00	Ebba Iron	
45° Bend	12"	Ductile	302+00	Griffin	
Fitting Rest	12"	Ductile	302+00	Ebba Iron	
11¼° Bend	12"	Ductile	302+20	Griffin	

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FITTING	SIZE	TYPE MATERIAL	LOCATION STATION #	MANUFACTURER	REMARKS
FITTING RESTRAINER	12"	D.I.	302+20	EBBA IRON	
E.O.L.	12"		307+60	END OF LINE	
TIE IN @ 701					
12" x 6" RED		D.I.	259+40	GRIFFIN	
2-6" 45° BENDS		D.I.	259+40	GRIFFIN	
6x6 TAP		D.I.	259+40	GRIFFIN	
12" 90°		D.I.	259+40	GRIFFIN	
12" 90°		D.I.	259+40	GRIFFIN	
TIE IN @ 107					
2-12" 90° BENDS		D.I.	235+27	GRIFFIN	
12"x6 RED		D.I.	235+27	GRIFFIN	
2-6" 45° BENDS		D.I.	235+27	GRIFFIN	
6x6 TAP		D.I.	235+27	M & H	

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FITTING	SIZE	TYPE MATERIAL	LOCATION STATION #	MANUFACTURER	REMARKS
Gate Vaule	12"	Ductile Iron	307+60	Muller	
Megalug	12"	D.I.	307+60	EBBA Iron	
12X12 Tee	12"	D.I.	308+15	Tyler	
12X2 Plug	12"	D.I.	308+15	Tyler	
Gate Vaule	12"	D.I.	308+30	Muller	
Megalug	12"	D.I.	308+30	EBAA-PVC	
Megalug	12"	D.I.	308+30	EBAA-PVC	
Megalug	12"	D.I.	308+30	EBAA-PVC	
Restiant	12"	D.I.	308+50	EBAA-PVC	
12X8 "Tee	12"x8"	D.I.	311+60	Tyler	
Gate Vaule	8"	D.I.	311+60	Tyler	
Megalug	12"	D.I.	311+60	EBAA-PVC	
Megalug	12"	D.I.	311+60	EBAA-PVC	
Megalug	8"	D.I.	311+60	EBAA-PVC	
Megalug	8"	D.I.	311+60	EBAA-PVC	
Restiant	12"	D.I.	311+40	EBAA-PVC	
Restiant	12"	D.I.	311+80	EBAA-PVC	
Restiant	12"	D.I.	313+50	EBAA-PVC	
12X8 Tee	12"x8"	D.I.	313+70	Tyler	
Gate Vaule	8"	D.I.	313+70	Muller	
Megalug	12"	D.I.	313+70	EBAA PVC	
Megalug	12"	D.I.	313+70	EBAA PVC	
Megalug	8"	D.I.	313+70	EBAA PVC	
Megalug	8"	D.I.	313+70	EBAA PVC	
Restiant	12"	D.I.	313+90	EBAA PVC	

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FITTING	SIZE	TYPE MATERIAL	LOCATION STATION #	MANUFACTURER	REMARKS
Tee	12x12	D.I.	320+67	Tyler	
Reducer	12x10	D.I.	320+67	Tyler	
Gate Vaule	12"	D.I.	320+67	Muller	
Gate Vaule	12"	D.I.	320+67	Muller	
Gate Vaule	10"	D.I.	320+67	Muller	
Restiant	12"	D.I.	320+47	EBAA PVC	
Restiant	12"	D.I.	320+87	EBAA PVC	
Megalug	12"	D.I.	320+67	EBAA PVC	
Megalug	12"	D.I.	320+67	EBAA PVC	
Megalug	12"	D.I.	320+67	EBAA PVC	
Megalug	12"	D.I.	320+67	EBAA PVC	
Megalug	12"	D.I.	320+67	EBAA PVC	
Megalug	12"	D.I.	320+67	EBAA PVC	
Megalug	12"	D.I.	320+67	EBAA PVC	
Megalug	10"	D.I.	320+67	EBAA PVC	
Megalug	10"	D.I.	320+67	EBAA PVC	
Reducer	10x6	D.I.	320+67	Tyler	
Reducer	12x10	D.I.	320+67	Tyler	
Gate Vaule	10.	D.I.	320+67	Muller	
Megalug	12"	D.I.	320+67	EBAA	
Megalug	10"	D.I.	320+67	EBAA PVC	
Megalug	10"	D.I.	320+67	EBAA PVC	
Megalug	6"	D.I.	320+67	EBAA PVC	
Restiant	12"	D.I.	320+67	EBAA PVC	
Restiant	6"	D.I.	320+67	EBAA PVC	
Tapping Sleeve	6"	D.I.	Tie in	Muller	

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FITTING	SIZE	TYPE MATERIAL	LOCATION STATION #	MANUFACTURER	REMARKS
Restiant	12"	D.I.	332+40	EBAA PVC	
Tee	12x6"	D.I.	332+60	Tyler	
Gate Vaule	6"	D.I.	332+60	Muller	
Megalug	12"	D.I.	332+60	EBAA PVC	
Megalug	12"	D.I.	332+60	EBAA PVC	
Megalug	12"	D.I.	332+60	EBAA PVC	
Megalug	12"	D.I.	332+60	EBAA PVC	
Gate Vaule	12"	D.I.	334+50	Muller	
Megalug	12"	D.I.	334+50	EBAA PVC	
Megalug	12"	D.I.	334+50	EBAA-PVC	
Restiant	12"	D.I.	340+00	EBAA PVC	
Gate Vaule	6"	D.I.	340+20	Muller	
Tee	12x6"	D.I.	340+20	Tyler	
Megalug	12"	D.I.	340+20	EBAA PVC	
Megalug	12"	D.I.	340+20	EBAA PVC	
Restiant	12"	D.I.	340+40	EBAA PVC	
Restiant	12"	D.I.	350+00	EBAA PVC	
Tee	12x6"	D.I.	350+20	Tyler	
Megalug	12"	D.I.	350+20	EBAA PVC	
Megalug	12"	D.I.	350+20	EBAA PVC	
Restiant	12"	D.I.	350+40	EBAA PVC	
Restiant	12"	D.I.	360+10	EBAA PVC	
Gate Vaule	12"	D.I.	360+30	Muller	
Gate Vaule	6"	D.I.	360+30	Muller	
Megalug	12"	D.I.	360+30	EBAA PVC	
Megalug	12"	D.I.	360+30	EBAA PVC	
Megalug	12"	D.I.	360+30	EBAA PVC	
Megalug	12"	D.I.	360+30	EBAA PVC	
Tee	12x6"	D.I.	360+30	Tyler	
Restiant	12"	D.I.	360+50	EBAA PVC	
Restiant	12"	D.I.	370+00	EBAA PVC	
Tee	12x6"	D.I.	370+20	Tyler	
Megalug	12"	D.I.	370+20	EBAA PVC	
Megalug	12"	D.I.	370+20	EBAA PVC	

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FITTING	SIZE	TYPE MATERIAL	LOCATION STATION #	MANUFACTURER	REMARKS
Restiant	12"	D.I.	370+40	EBAA-PVC	
Restiant	12"	D.I.	380+00	EBAA-PVC	
Gate Vaule	12"	D.I.	380+20	Muller	
Gate Vaule	6"	D.I.	380+20	Muller	
Tee	12x6"	D.I.	380+20	Tyler	
Megalug	12"	D.I.	380+20	EBAA PVC	
Megalug	12"	D.I.	380+20	EBAA PVC	
Megalug	12"	D.I.	380+20	EBAA PVC	
Megalug	12"	D.I.	380+20	EBAA PVC	
Restiant	12"	D.I.	380+40	EBAA PVC	
Restiant	12"	D.I.	390+20	EBAA PVC	
Tee	12x6	D.I.	390+40	Tyler	
Gate Vaule	6"	D.I.	390+40	Muller	
Megalug	12"	D.I.	390+40	EBAA PVC	
Megalug	12"	D.I.	390+40	EBAA PVC	
Restiant	12"	D.I.	397+95	EBAA PVC	
Tee	12x6"	D.I.	398+15	Tyler	
Gate Vaule	6"	D.I.	398+15	Muller	
Megalug	12"	D.I.	398+15	EBAA PVC	
Megalug	12"	D.I.	398+15	EBAA PVC	
Restiant	12"	D.I.	398+35	EBAA PVC	
Restiant	12"	D.I.	402+40	EBAA PVC	

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