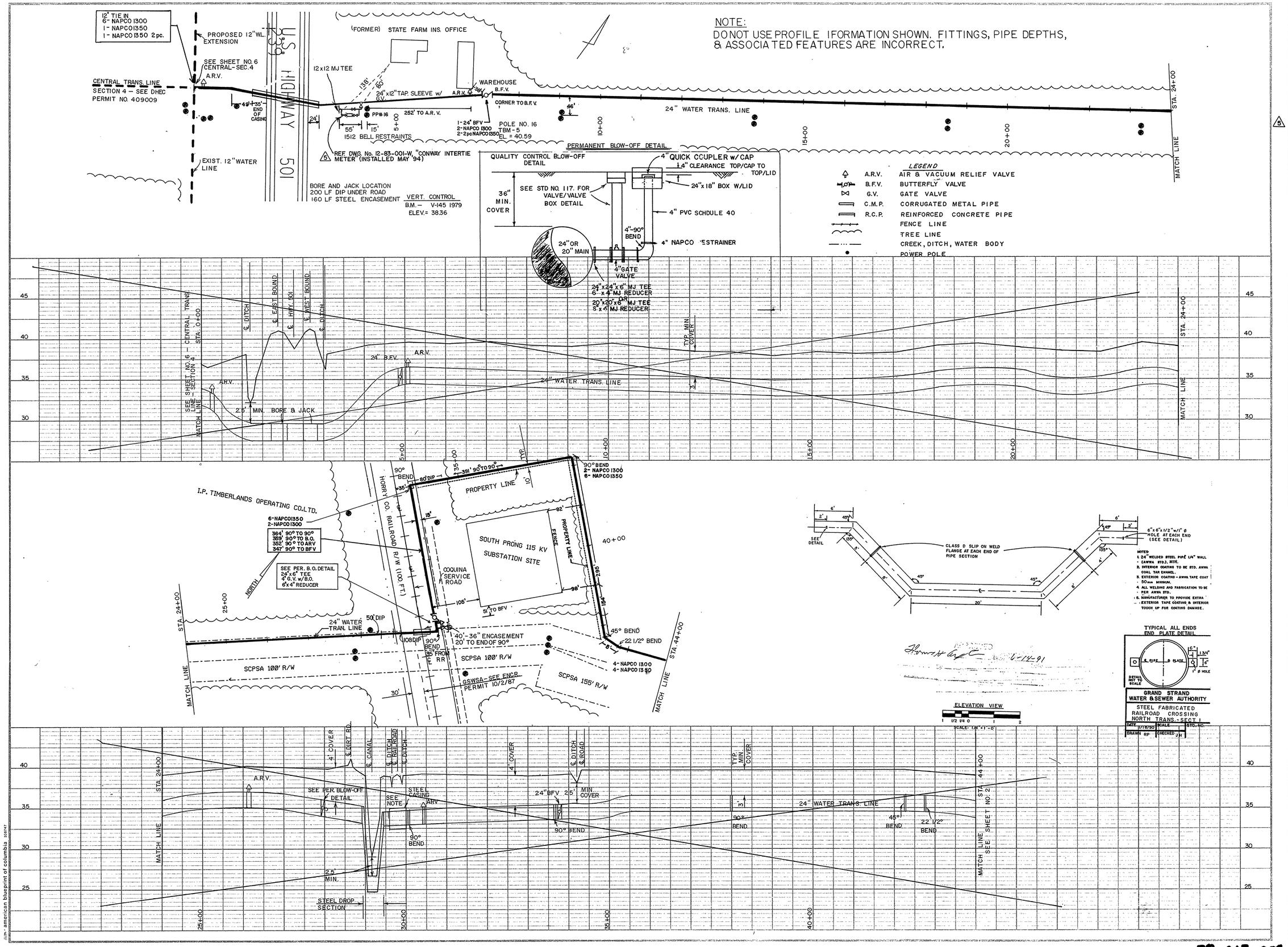
NOTE:
DO NOT USE PROFILE IFORMATION SHOWN. FITTINGS, PIPE DEPTHS, & ASSOCIATED FEATURES ARE INCORRECT.



ELEVATION VIEW
1 1/2 1/4 0 1 2
SCALE: 1/4" = 1'-0"

GRAND STRAND WATER & SEWER AUTHORITY
STEEL FABRICATED RAILROAD CROSSING NORTH TRANS.-SECT. I

DATE	SCALE	STD. NO.
7/18/90		
DRAWN RP	CHECKED JH	

REVISION	BY	DATE
MOVED TRANS. LINE INSIDE GSWSA 30' RR EASEMENT	REP	12/1/89
MOVED WATERLINE TO NE SIDE OF RR.	REP	1/17/90
MADE REVISIONS FROM MARKED UP PLANS	DEJ	4/3/91
AS BUILT	DJ	5/23/91
5 SHOWED CONWAY METER LOCATION	DRT	6/3/94

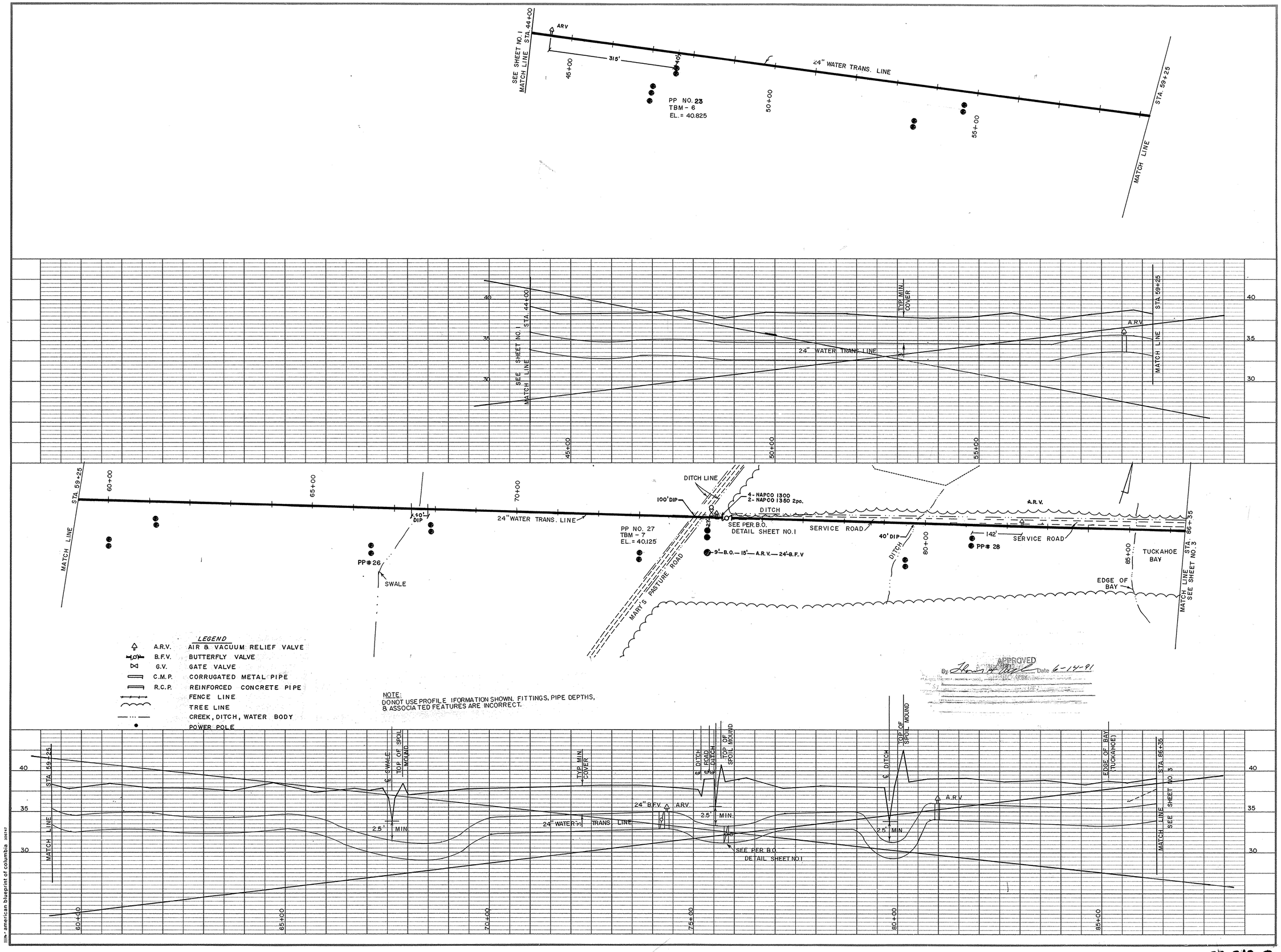
NORTH TRANSMISSION LINE
SECTION I

GRAND STRAND WATER & SEWER AUTHORITY
P.O. BOX 1537, CONWAY, S.C. 29526
TELEPHONE (803) 347-4641 OR 448-1686

DATE	AUGUST 1989
SCALE	HOR. 1" = 100' VER. 1" = 5'
DRAWN BY	ROBERT PERKINS
CHECKED BY	JIM HEMBREE
APPROVED BY	Fred R Richardson
	FRED RICHARDSON P.E. NO. 9853
	SHEET 1 OF 20
DRAWING NO.	~~28-13-001-W~~

28-013-001/019

american blueprint of columbia 358747



REVISION	BY	DATE
AS BUILT	DJ	4/3/91

NORTH TRANSMISSION LINE
SECTION I

GRAND STRAND WATER & SEWER AUTHORITY

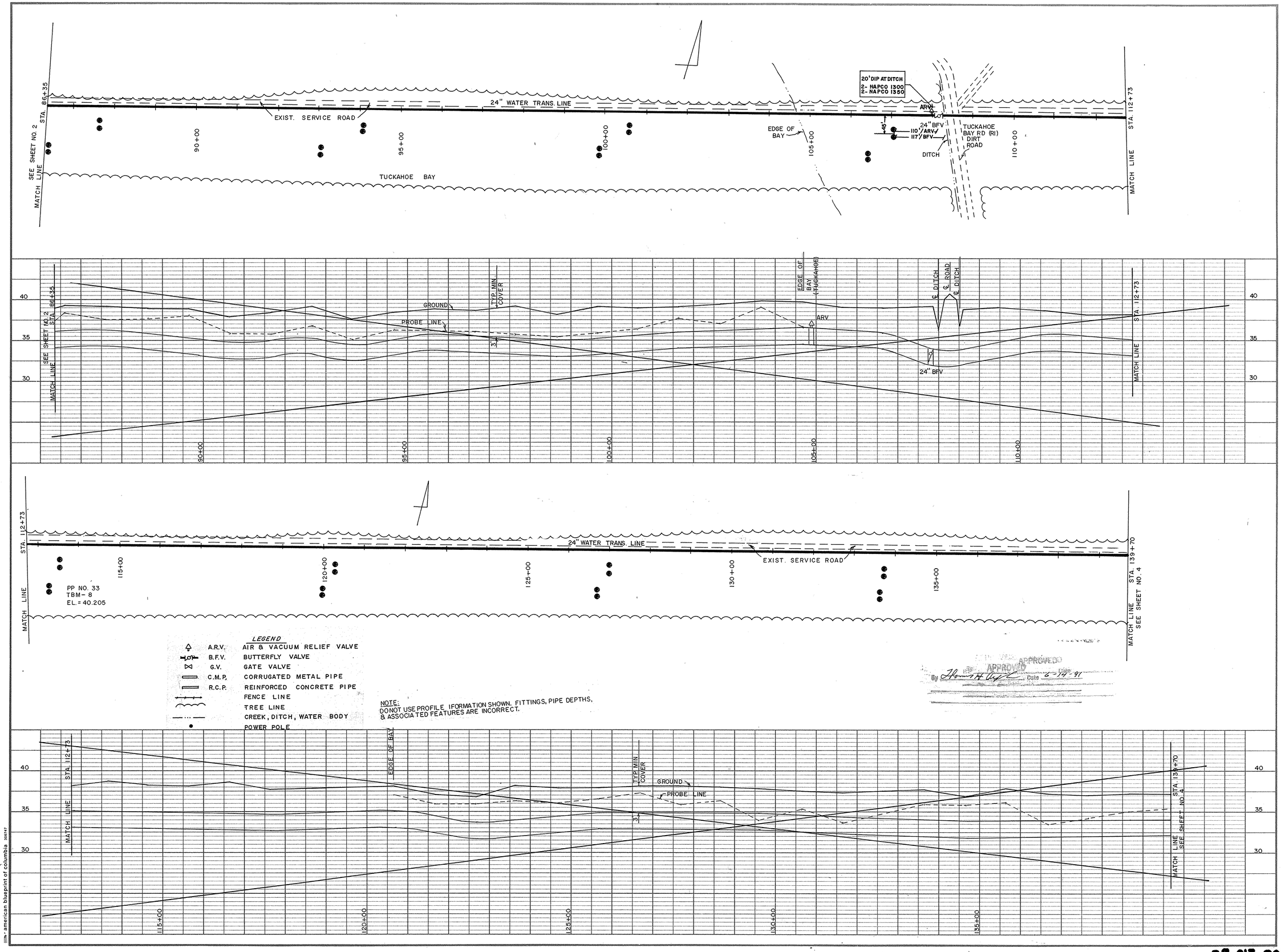
P.O. BOX 1537, CONWAY, S.C. 29526

TELEPHONE (803) 347-4641 OR 448-1686

DATE	AUGUST 1989
SCALE	HOR. 1" = 100' VER. 1" = 5'
DRAWN BY	ROBERT PERKINS
CHECKED BY	JIM HEMBREE
APPROVED BY	Fred R Richardson
	FRED RICHARDSON P.E. NO. 9853
SHEET 2 OF 20	
DRAWING NO.	28 ~~13 002~~ W

28-013-002/019

american blueprint of columbia 398747



REVISION	BY	DATE
AS BUILT	DJ	4/3/91

NORTH TRANSMISSION LINE
SECTION I

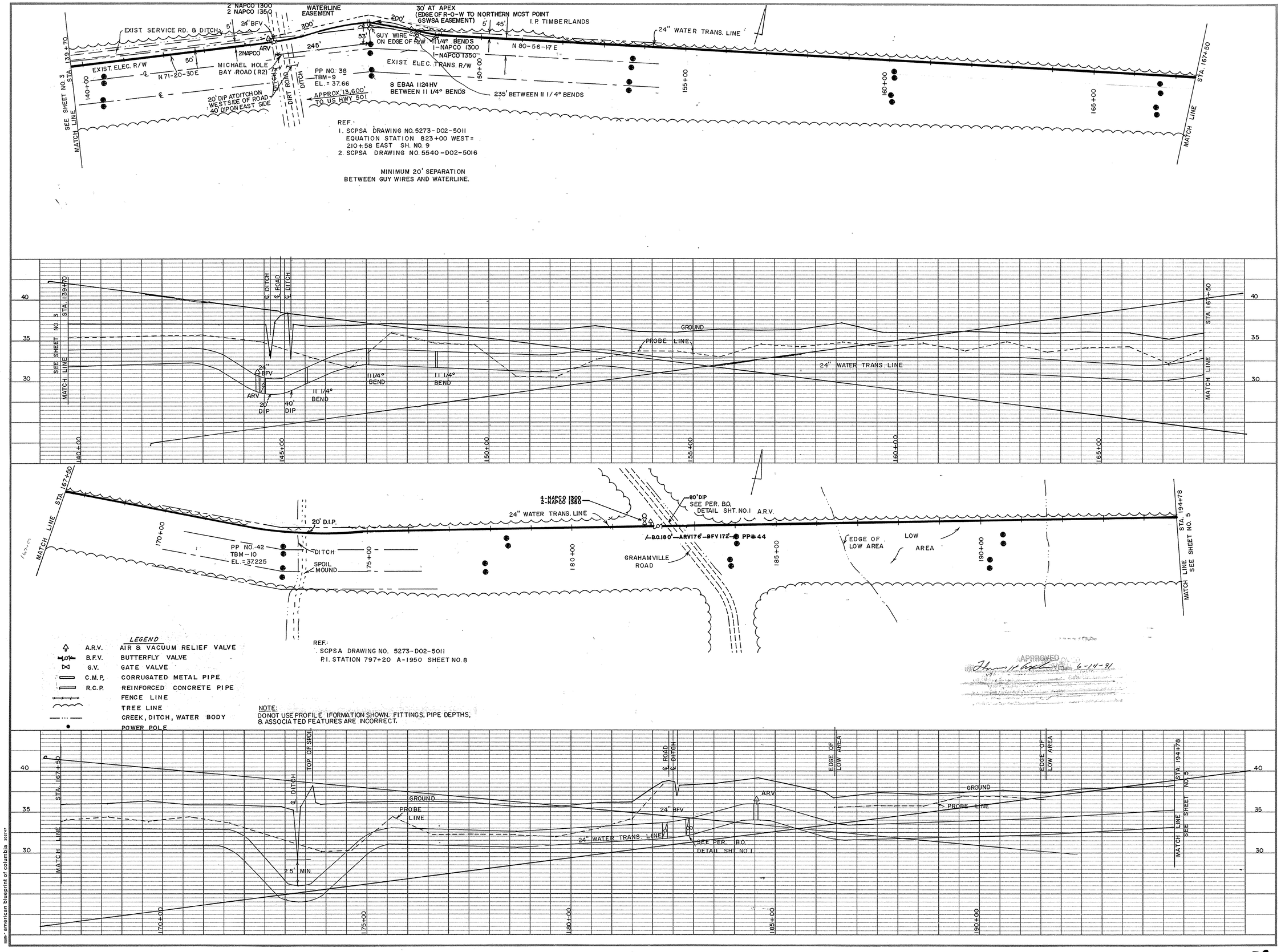
GRAND STRAND WATER & SEWER AUTHORITY

P.O. BOX 1537, CONWAY, S.C. 29526

TELEPHONE (803) 347-4641 OR 448-1686

DATE	AUGUST 1989
SCALE	HOR. 1"= 100' VER. 1"= 5'
DRAWN BY	ROBERT PERKINS
CHECKED BY	JIM HEMBREE
APPROVED BY	Fred R. Richardson
FRED RICHARDSON P.E. NO. 9853	
SHEET 3 OF 20	
DRAWING NO.	~~28-013-003~~ W

28-013-003/019



REVISION	BY	DATE
ADDED PROPOSED EASEMENT AT P.I.'S STA. 147+00 & 173+00	REP	1/10/90
AS-BUILT	DJ	4-3-91

NORTH TRANSMISSION LINE
SECTION 1

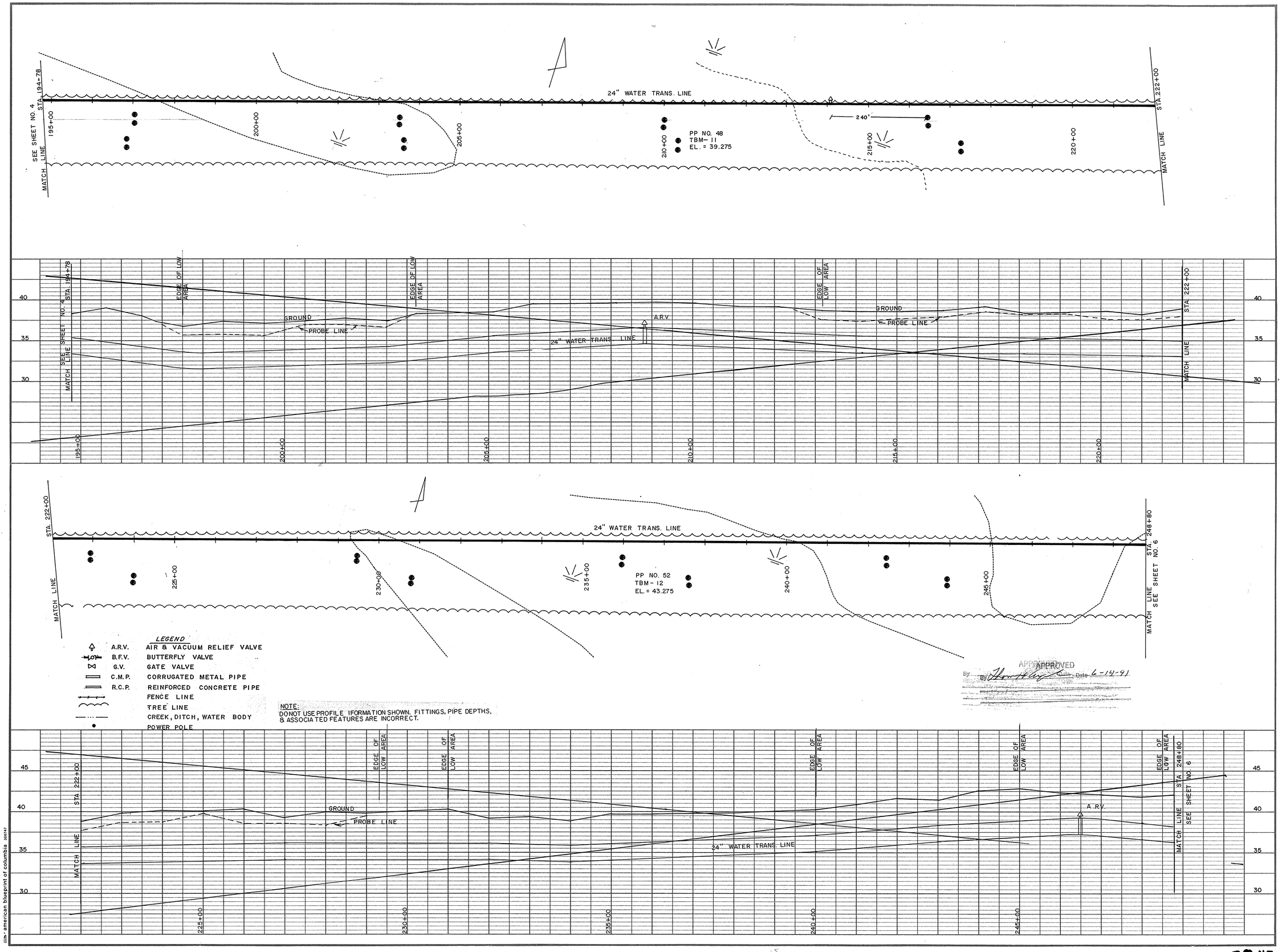
GRAND STRAND WATER & SEWER AUTHORITY

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

DATE	AUGUST 1989
SCALE	HOR. 1" = 100' VER. 1" = 5'
DRAWN BY	ROBERT PERKINS
CHECKED BY	JIM HEMBREE
APPROVED BY	Fred R Richardson
FRED RICHARDSON P.E. NO. 9853	
SHEET 4 OF 20	
DRAWING NO.	~~28 13 004~~ W

28-013-004/019

american blueprint of columbia 339747



REVISION	BY	DATE
AS BUILT	DEJ	4/3/91

NORTH TRANSMISSION LINE
SECTION I

GRAND STRAND WATER & SEWER AUTHORITY

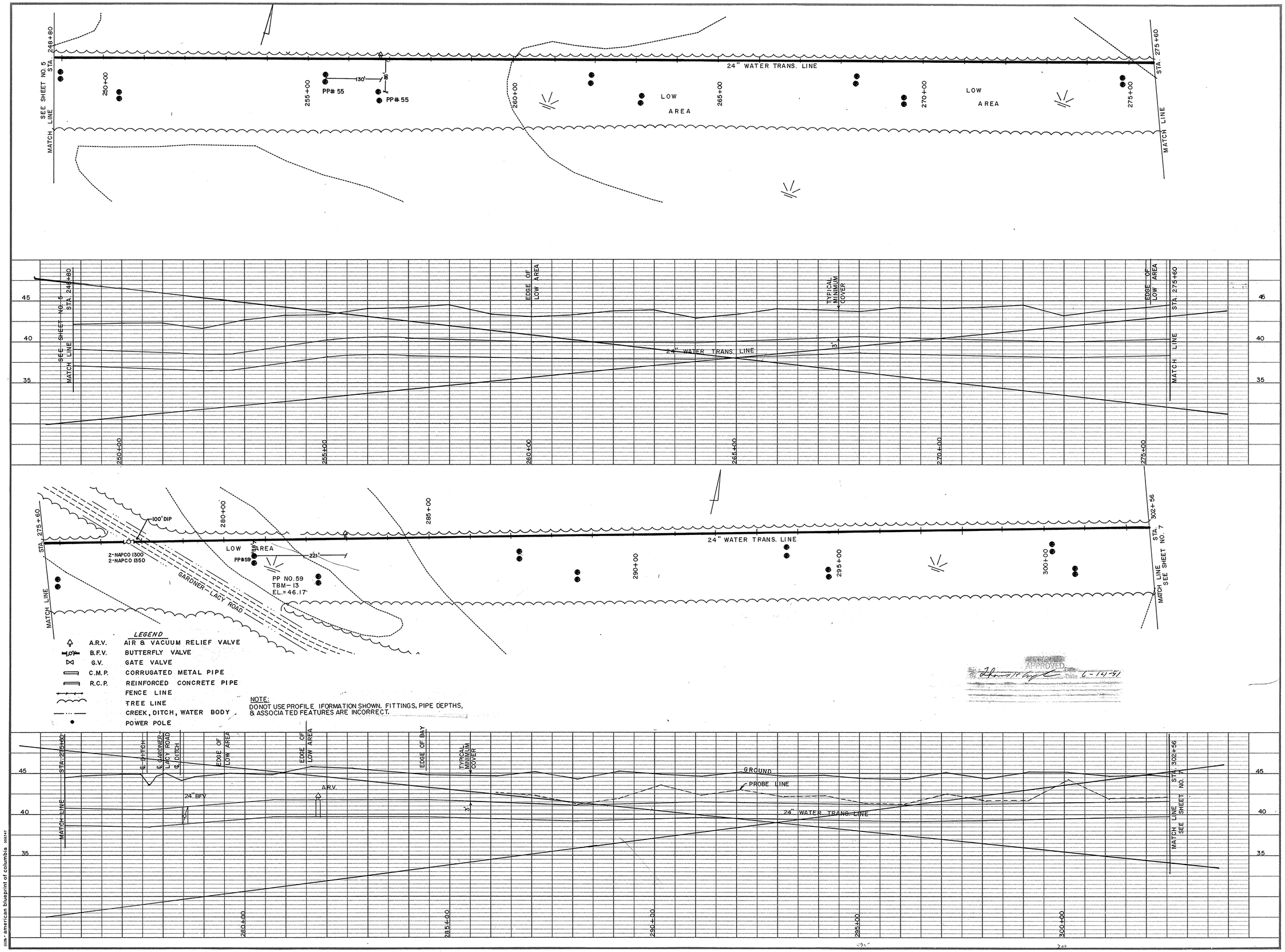
P.O. BOX 1537, CONWAY, S.C. 29526

TELEPHONE (803) 347-4641 OR 448-1686

DATE	AUGUST 1989
SCALE	HOR. 1"= 100' VER. 1"= 5'
DRAWN BY	ROBERT PERKINS
CHECKED BY	JIM HEMBREE
APPROVED BY	Fred R Richardson
FRED RICHARDSON P.E. NO. 9853	
SHEET 5 OF 20	
DRAWING NO.	~~28-13~~ W

28-013-005/019

american blueprint of columbia 208747



REVISION	BY	DATE
AS BUILT	DEJ	4/3/91

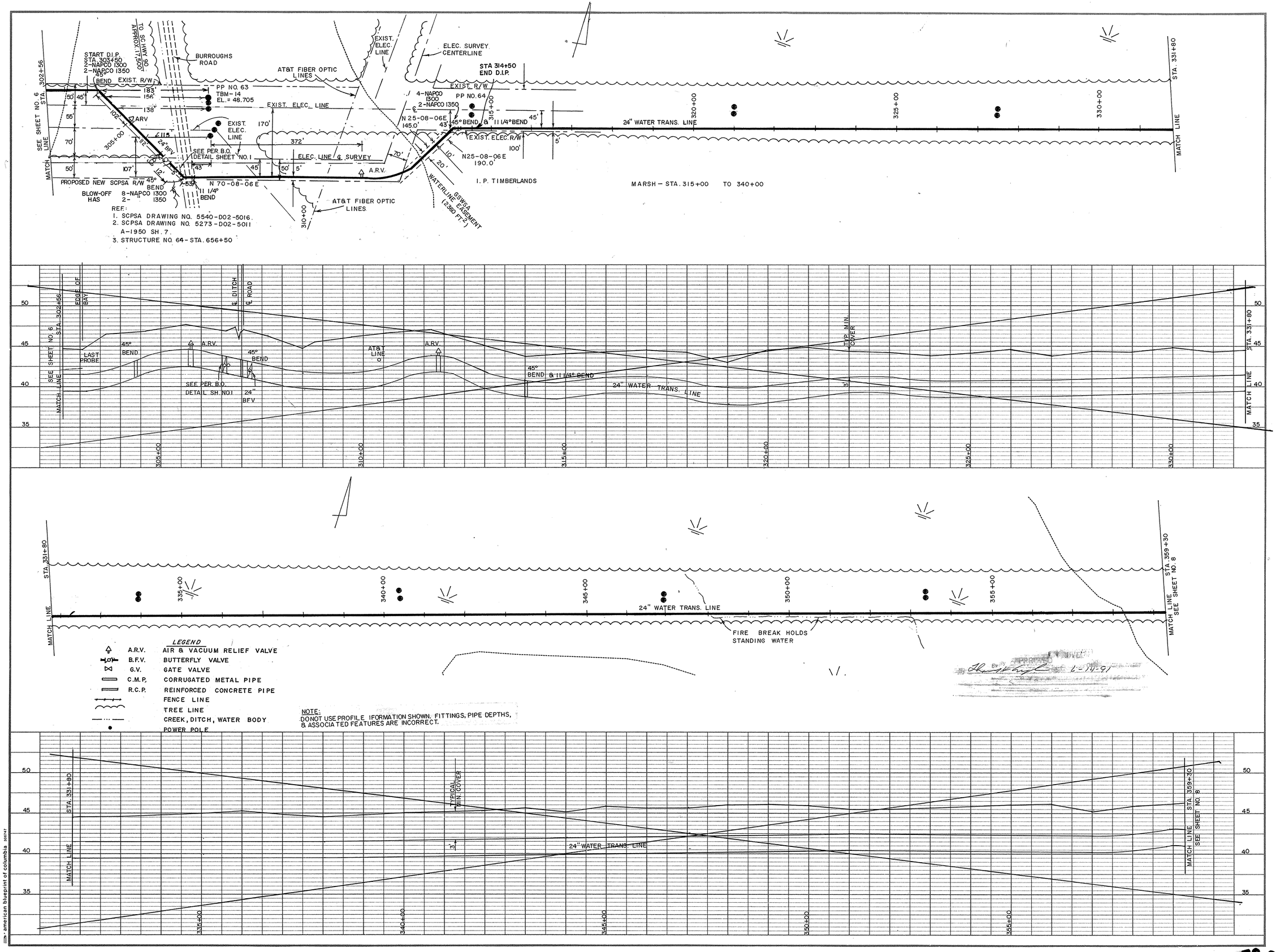
NORTH TRANSMISSION LINE
SECTION I
GRAND STRAND WATER & SEWER AUTHORITY

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

DATE	AUGUST 1989
SCALE	HOR. 1" = 100' VER. 1" = 5'
DRAWN BY	ROBERT PERKINS
CHECKED BY	JIM HEMBREE
APPROVED BY	Fred K Richardson
FRED RICHARDSON P.E. NO. 9853	
SHEET 6 OF 20	
DRAWING NO.	~~28-13~~ W

28-D13-006/019

american blueprint of columbia 308747



REVISION	BY	DATE
ADDED PROPOSED GSWSA W.L. EASEMENT – I.P. TIMBERLANDS	REP	12/21/89
AS-BUILT	REP	1/91

NORTH TRANSMISSION LINE
SECTION I

GRAND STRAND WATER & SEWER AUTHORITY

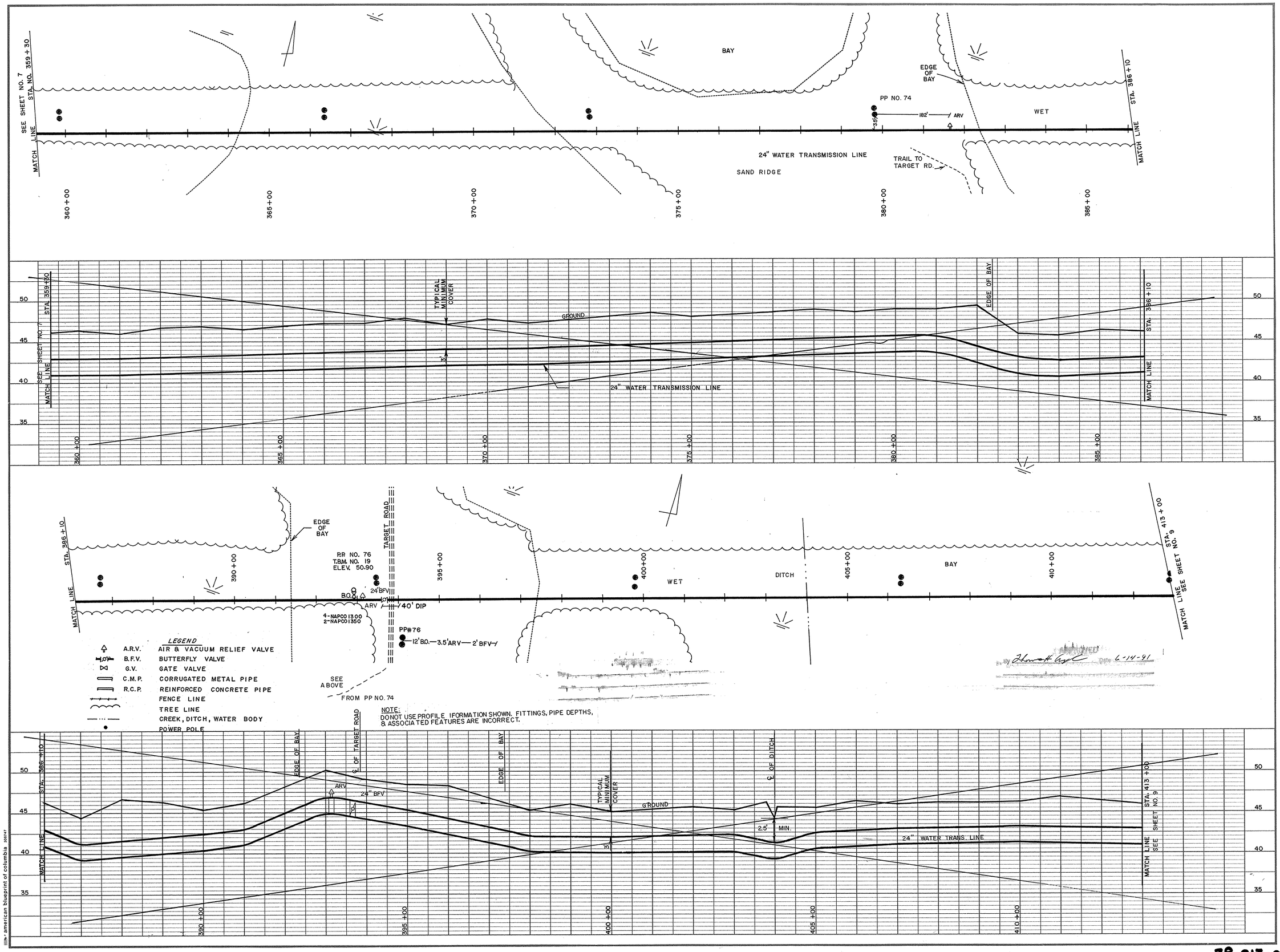
P.O. BOX 1537, CONWAY, S.C. 29526

TELEPHONE (803) 347-4641 OR 448-1686

DATE	AUGUST 1989
SCALE	HOR. 1" = 100' VER. 1" = 5'
DRAWN BY	ROBERT PERKINS
CHECKED BY	JIM HEMBREE
APPROVED BY	Fred R Richardson
FRED RICHARDSON P.E. NO. 9853	
SHEET 7 OF 20	
DRAWING NO.	~~28-15~~ W

28-018-007/019

american blueprint of columbia 306747



REVISION	BY	DATE
AS BUILT	DEJ	4/3/91

NORTH TRANSMISSION LINE
SECTION I

GRAND STRAND WATER & SEWER AUTHORITY

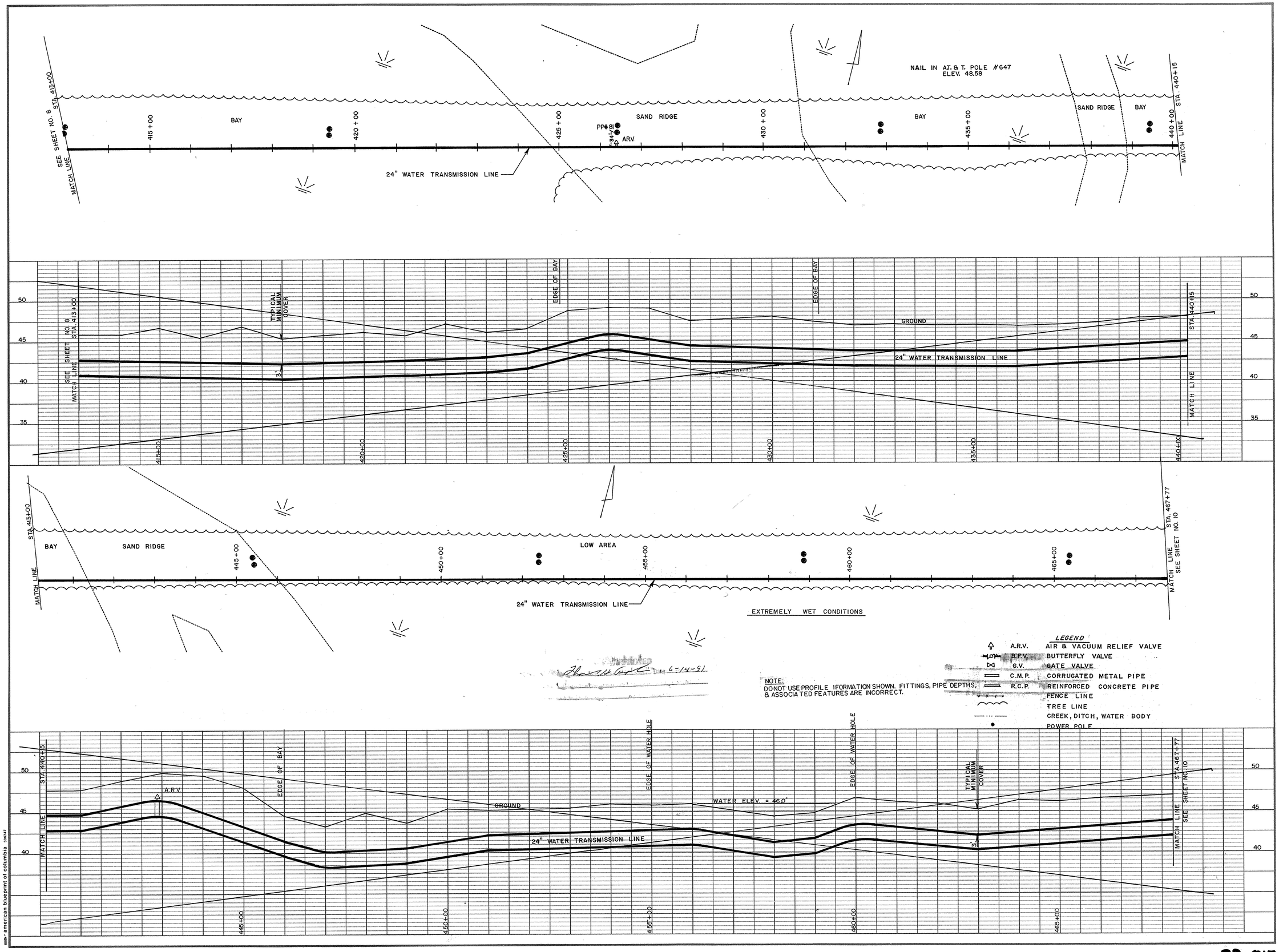
P.O. BOX 1537, CONWAY, S.C. 29526

TELEPHONE (803) 347-4641 OR 448-1686

DATE	JULY 1989
SCALE	HOR. 1"=100' VER. 1"=5'
DRAWN BY	ROBERT PERKINS
CHECKED BY	JIM HEMBREE
APPROVED BY	Fred R Richardson
FRED RICHARDSON P.E. NO. 9853	
SHEET 8 OF 20	
DRAWING NO.	~~28 13 019~~ W

28-013-008/019

american blueprint of columbia 326747



REVISION	BY	DATE
ASBUILT	DEJ	4/3/91

NORTH TRANSMISSION LINE
SECTION I
GRAND STRAND WATER & SEWER AUTHORITY

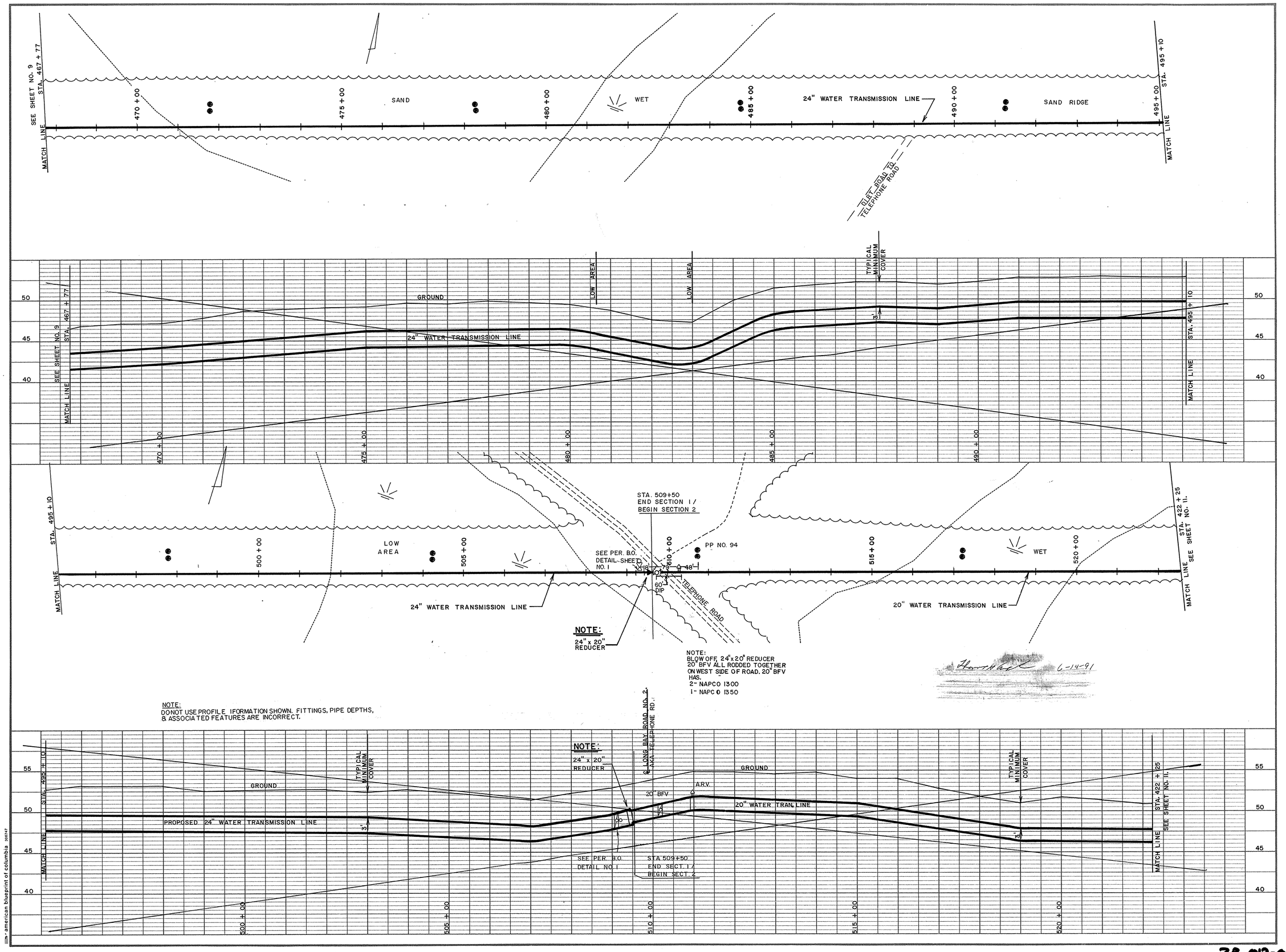
TELEPHONE (803) 347-4641 OR 448-1686

P.O. BOX 1537, CONWAY, S.C. 29526

DATE	AUGUST 1989
SCALE	HOR. 1" = 100' VER. 1" = 5'
DRAWN BY	ROBERT PERKINS
CHECKED BY	JIM HEMBREE
APPROVED BY	Fred K Richardson
FRED RICHARDSON P.E. NO. 9853	
SHEET 9 OF 20	
DRAWING NO.	~~28-13-013-W~~

28-013-009/019

american blueprint of columbia 329147



REVISION	BY	DATE
ASBUILT	DEJ	4/5/91

NORTH TRANSMISSION LINE
SECTION 1&2

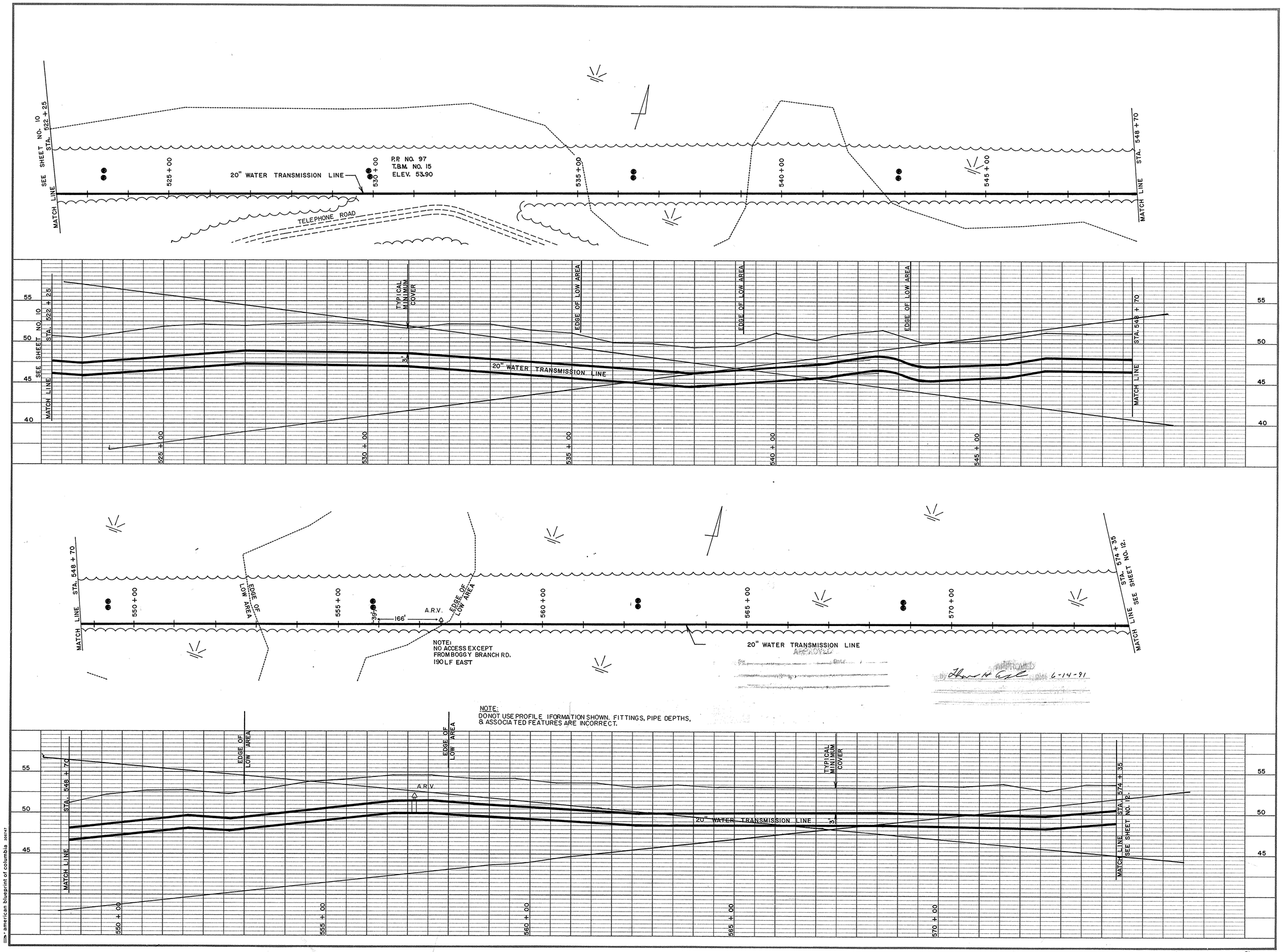
GRAND STRAND WATER & SEWER AUTHORITY

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

DATE	AUGUST 1989
SCALE	HOR. 1" = 100' VER. 1" = 5'
DRAWN BY	ROBERT PERKINS
CHECKED BY	JIM HEMBREE
APPROVED BY	Fred K Richardson
FRED RICHARDSON P.E. NO. 9853	
SHEET 10 OF 20	
DRAWING NO.	~~28-13-019~~ W

28-013-010/019

american blueprint of columbia 98747



REVISION	BY	DATE
AS BUILT	DEJ	4/5/91

NORTH TRANSMISSION LINE
SECTION 2

GRAND STRAND WATER & SEWER AUTHORITY

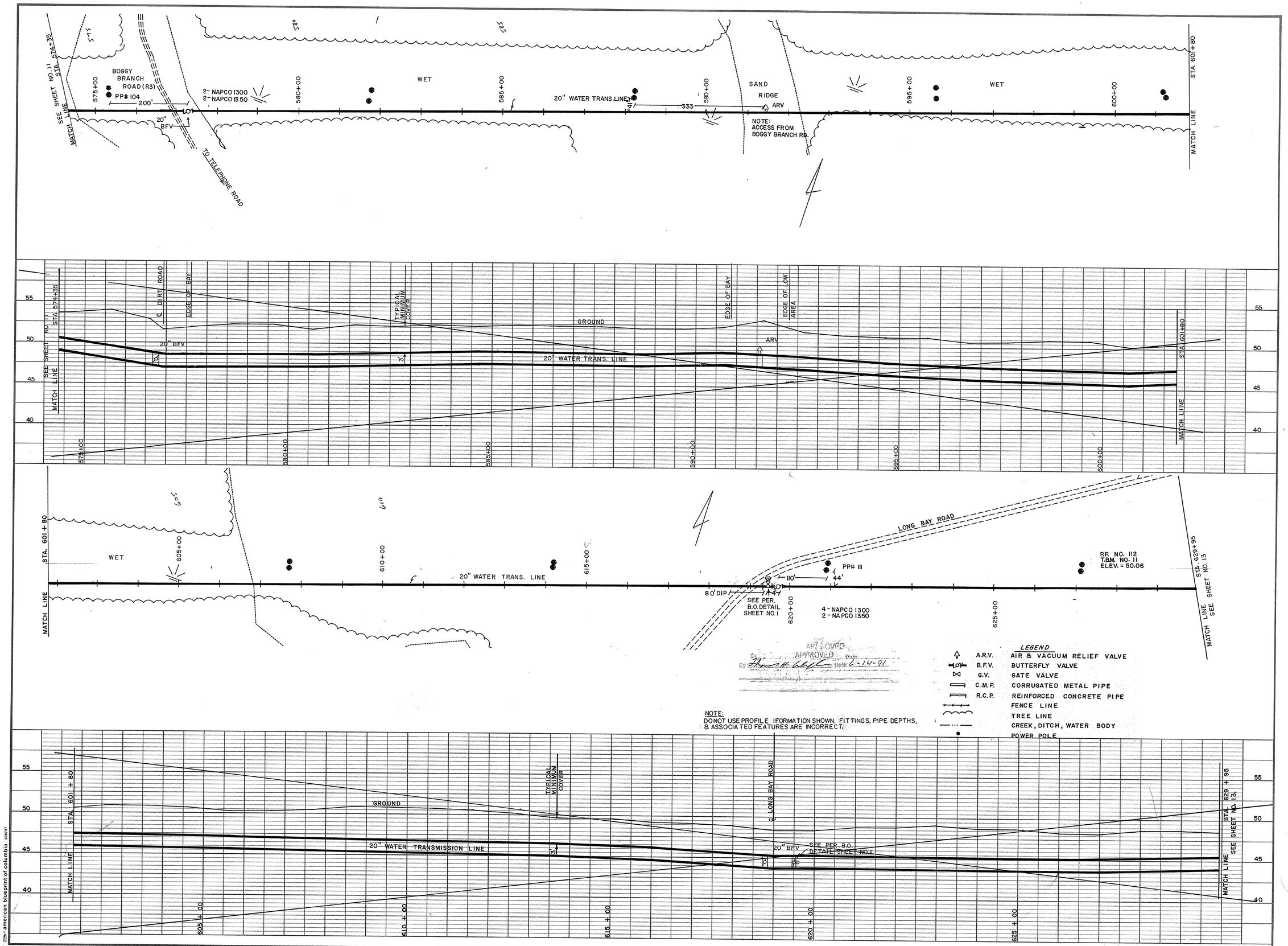
P.O. BOX 1537, CONWAY, S.C. 29526

TELEPHONE (803) 347-4641 OR 448-1686

DATE	AUGUST 1989
SCALE	HOR 1" = 100' VER 1" = 5'
DRAWN BY	ROBERT PERKINS
CHECKED BY	JIM HEMBREE
APPROVED BY	Fred R. Richardson
FRED RICHARDSON P.E. NO. 9853	
SHEET 11 OF 20	
DRAWING NO.	~~28 13 019~~ W

28-013-011/019

american blueprint of columbia 356747



american blueprint of columbia 326747

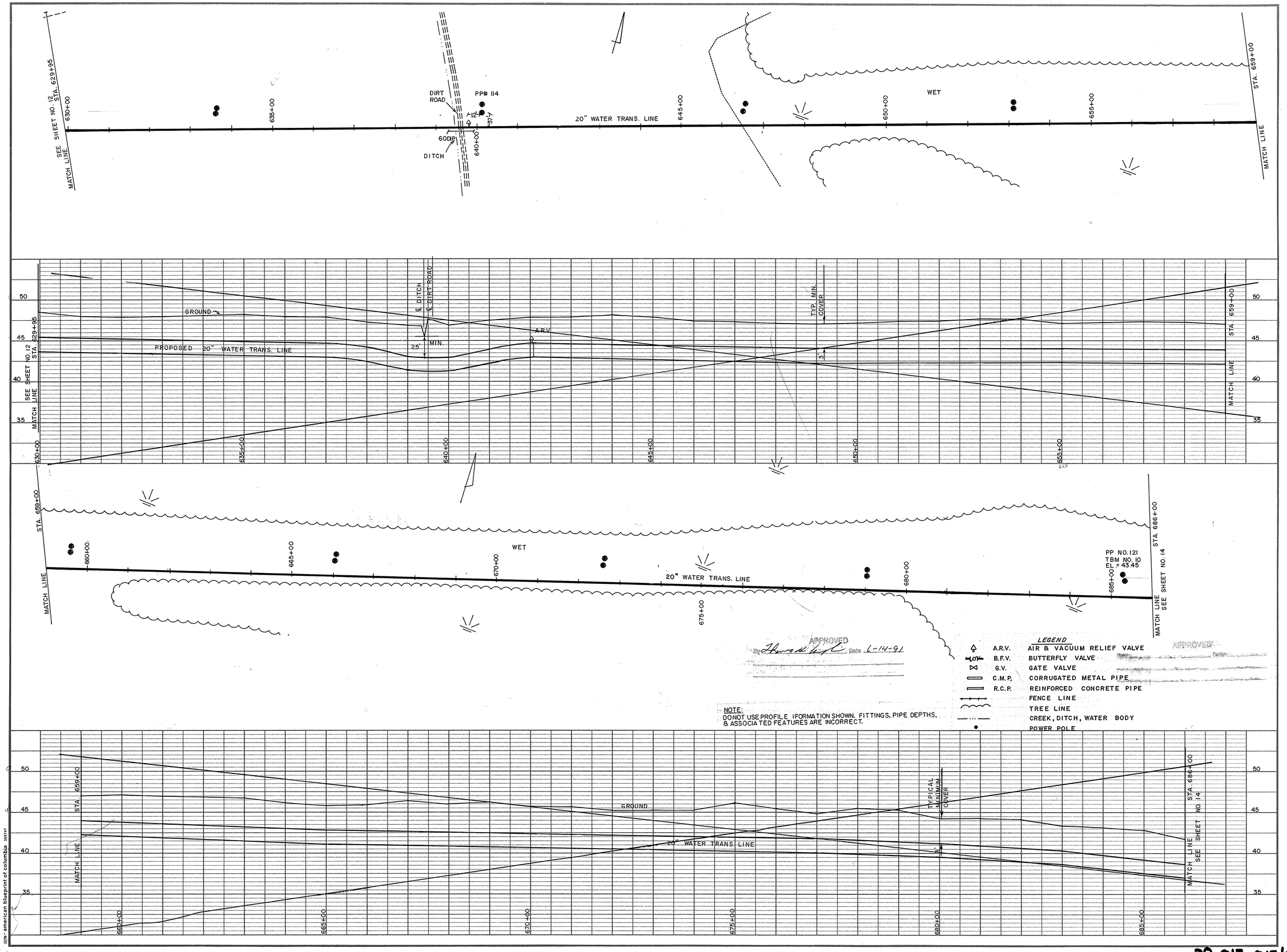
REVISION	BY	DATE
ASBUILT	DEJ	4/5/91

NORTH TRANSMISSION LINE
SECTION 2
GRAND STRAND WATER & SEWER AUTHORITY

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

DATE	AUGUST 1989
SCALE	HOR. 1" = 100' VER. 1" = 5'
DRAWN BY	ROBERT PERKINS
CHECKED BY	JIM HEMBREE
APPROVED BY	Fred R. Richardson
FRED RICHARDSON P.E. NO. 9853	
SHEET 12 OF 20	
DRAWING NO.	~~28-13-013-W~~

28-013-013/010



APPROVED
By Thomas W. Gray Date 6-14-91

APPROVED

NOTE:
DO NOT USE PROFILE IFORMATION SHOWN. FITTINGS, PIPE DEPTHS, & ASSOCIATED FEATURES ARE INCORRECT.

REVISION	BY	DATE
ASBUILT	DEJ	4/5/91

NORTH TRANSMISSION LINE
SECTION 2

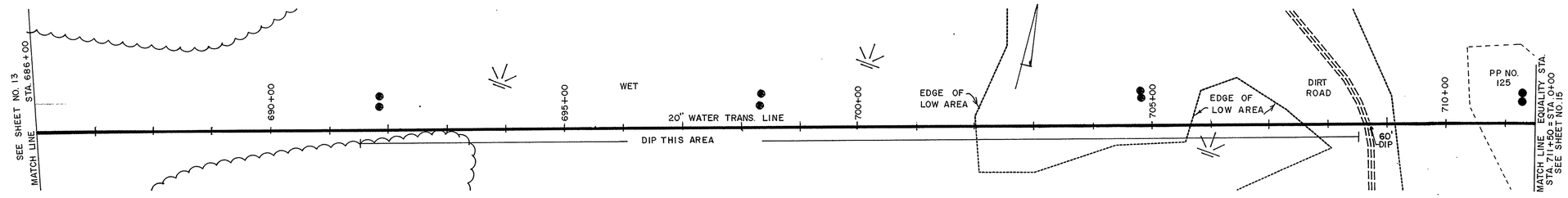
GRAND STRAND WATER & SEWER AUTHORITY

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

DATE	AUGUST 1989
SCALE	HOR. 1"= 100' VER. 1"= 5'
DRAWN BY	ROBERT PERKINS
CHECKED BY	JIM HEMBREE
APPROVED BY	Fred B. Richardson
FRED RICHARDSON P.E. NO. 9853	
SHEET 13 OF 20	
DRAWING NO.	~~28-13-013-W~~

28-013-013/019

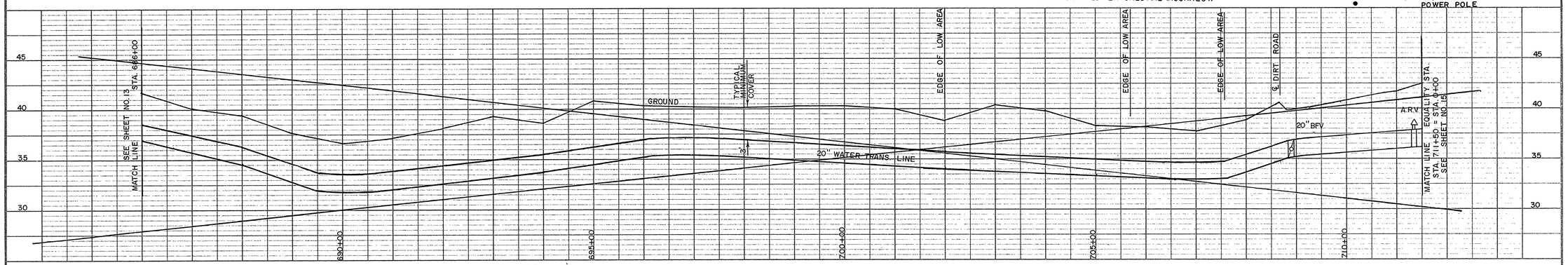
© american blueprint of columbia 395747



NOTE:
DO NOT USE PROFILE IFORMATION SHOWN. FITTINGS, PIPE DEPTHS, & ASSOCIATED FEATURES ARE INCORRECT.

LEGEND

	A.R.V.	AIR & VACUUM RELIEF VALVE
	B.F.V.	BUTTERFLY VALVE
	G.V.	GATE VALVE
	C.M.P.	CORRUGATED METAL PIPE
	R.C.P.	REINFORCED CONCRETE PIPE
		FENCE LINE
		TREE LINE
		CREEK, DITCH, WATER BODY
		POWER POLE



GRAND STRAND WATER AND SEWER AUTHORITY
AS BUILT MATERIALS REPORT

PROJECT: NORTH TRANSMISSION LINE SECTION I

FITTING	SIZE	TYPE MATERIAL	LOCATION STATION #	MANUFACTURER	REMARKS
BFV	24"	CAST IRON	-0 + 10	AMERICAN DARLING	INSTALLED
BFV	24"	CAST IRON	0 + 00	AMERICAN DARLING	INSTALLED
BFV	24"	CAST IRON	6 + 85	AMERICAN DARLING	INSTALLED
BFV	24"	CAST IRON	30 + 40	AMERICAN DARLING	INSTALLED
BFV	24"	CAST IRON	74 + 90	AMERICAN DARLING	INSTALLED
BFV	24"	CAST IRON	108 + 00	AMERICAN DARLING	INSTALLED
BFV	24"	CAST IRON	144 + 50	AMERICAN DARLING	INSTALLED
BFV	24"	CAST IRON	182 + 00	AMERICAN DARLING	INSTALLED
BFV	24"	CAST IRON	281 + 50	AMERICAN DARLING	INSTALLED
BFV	24"	CAST IRON	306 + 70	AMERICAN DARLING	INSTALLED
BFV	24"	CAST IRON	393 + 70	AMERICAN DARLING	INSTALLED
DROP SECTION	24"	DUCTILE IRON	29 + 30	LA BARGE	INSTALLED
TEE	24" X 12"	DUCTILE IRON	-0 + 5	UMK	INSTALLED
TEE	24" X 6"	DUCTILE IRON	30 + 35	TYLER	INSTALLED
TEE	24" X 6"	DUCTILE IRON	74 + 75	TYLER	INSTALLED
TEE	24" X 6"	DUCTILE IRON	181 + 95	TYLER	INSTALLED
TEE	24" X 6"	DUCTILE IRON	306 + 65	TYLER	INSTALLED
TEE	24" X 6"	DUCTILE IRON	393 + 60	TYLER	INSTALLED
TEE	24" X 6"	DUCTILE IRON	509 + 50	TYLER	INSTALLED
REDUCER	6" X 4"	DUCTILE IRON	30 + 25	GRIFFEN	INSTALLED
REDUCER	6" X 4"	DUCTILE IRON	74 + 75	GRIFFEN	INSTALLED
REDUCER	6" X 4"	DUCTILE IRON	181 + 95	GRIFFEN	INSTALLED
REDUCER	6" X 4"	DUCTILE IRON	306 + 65	GRIFFEN	INSTALLED
REDUCER	6" X 4"	DUCTILE IRON	393 + 60	GRIFFEN	INSTALLED

NORTH TRANSMISSION LINE SECTION I
PAGE 2

FITTING	SIZE	TYPE MATERIAL	LOCATION STATION #	MANUFACTURER	REMARKS
REDUCER	6" X 4"	DUCTILE IRON	509 + 50	GRIFFEN	INSTALLED
GATE VALVE	4"	CAST IRON	30 + 35	CLOW	INSTALLED
GATE VALVE	4"	CAST IRON	74 + 75	CLOW	INSTALLED
GATE VALVE	4"	CAST IRON	181 + 95	CLOW	INSTALLED
GATE VALVE	4"	CAST IRON	306 + 65	CLOW	INSTALLED
GATE VALVE	4"	CAST IRON	393 + 60	CLOW	INSTALLED
GATE VALVE	4"	CAST IRON	509 + 50	CLOW	INSTALLED
BEND	4" X 90°	DUCTILE IRON	30 + 35	GRIFFEN	INSTALLED
BEND	4" X 90°	DUCTILE IRON	74 + 75	GRIFFEN	INSTALLED
BEND	4" X 90°	DUCTILE IRON	181 + 95	GRIFFEN	INSTALLED
BEND	4" X 90°	DUCTILE IRON	306 + 60	GRIFFEN	INSTALLED
BEND	4" X 90°	DUCTILE IRON	393 + 60	GRIFFEN	INSTALLED
BEND	4" X 90°	DUCTILE IRON	509 + 50	GRIFFEN	INSTALLED
BEND	24" X 90°	DUCTILE IRON	30 + 20	TYLER	INSTALLED
BEND	24" X 90°	DUCTILE IRON	33 + 60	TYLER	INSTALLED
BEND	24" X 45°	DUCTILE IRON	37 + 60	TYLER	INSTALLED
BEND	24" X 45°	DUCTILE IRON	42 + 30	TYLER	INSTALLED
BEND	24" X 45°	DUCTILE IRON	303 + 85	TYLER	INSTALLED
BEND	24" X 45°	DUCTILE IRON	312 + 10	TYLER	INSTALLED
BEND	24" X 45°	DUCTILE IRON	42 + 75	TYLER	DELETED
BEND	24" X 45°	DUCTILE IRON	147 + 10	TYLER	INSTALLED
BEND	24 X 22½	DUCTILE IRON	172 + 10	TYLER	INSTALLED
BEND	24 X 22½	DUCTILE IRON	145 + 50	TYLER	DELETED
BEND	24 X 22½	DUCTILE IRON	147 + 20	TYLER	DELETED
BEND	24 X 11¼	DUCTILE IRON	172 + 10	TYLER	DELETED
BEND	24 X 11¼	DUCTILE IRON	147 + 20	TYLER	INSTALLED

NORTH TRANSMISSION LINE SECTION 1
PAGE 3

FITTING	SIZE	TYPE MATERIAL	LOCATION STATION #	MANUFACTURER	REMARKS
BEND	24 X 11¼	DUCTILE IRON	148 + 70	TYLER	INSTALLED
BEND	24 X 11¼	DUCTILE IRON	172 + 90	TYLER	DELETED
BEND	24 X 11¼	DUCTILE IRON	306 + 90	TYLER	ADDED
BEND	24 X 11¼	DUCTILE IRON	312 + 45	TYLER	ADDED
ARV	2"	CAST IRON	0 + 05	APCO	INSTALLED
ARV	2"	CAST IRON	6 + 90	APCO	INSTALLED
ARV	2"	CAST IRON	26 + 10	APCO	DELETED
ARV	2"	CAST IRON	30 + 35	APCO	INSTALLED
ARV	2"	CAST IRON	44 + 45	APCO	INSTALLED
ARV	2"	CAST IRON	74 + 81	APCO	INSTALLED
ARV	2"	CAST IRON	82 + 60	APCO	INSTALLED
ARV	2"	CAST IRON	107 + 93	APCO	INSTALLED
ARV	2"	CAST IRON	144 + 55	APCO	INSTALLED
ARV	2"	CAST IRON	182 + 20	APCO	INSTALLED
ARV	2"	CAST IRON	214 + 10	APCO	INSTALLED
ARV	2"	CAST IRON	256 + 70	APCO	INSTALLED
ARV	2"	CAST IRON	282 + 95	APCO	INSTALLED
ARV	2"	CAST IRON	311 + 40	APCO	INSTALLED
ARV	2"	CAST IRON	381 + 60	APCO	INSTALLED
ARV	2"	CAST IRON	393 + 70	APCO	INSTALLED
ARV	2"	CAST IRON	426 + 40	APCO	INSTALLED
TAPPING SADDLE	24" X 2"	STAINLESS STEEL	0 + 50	ROMAC	INSTALLED
TAPPING SADDLE	24" X 2"	STAINLESS STEEL	6 + 90	ROMAC	INSTALLED
TAPPING SADDLE	24" X 2"	STAINLESS STEEL	26 + 10	ROMAC	DELETED
TAPPING SADDLE	24" X 2"	STAINLESS STEEL	30 + 35	ROMAC	INSTALLED
TAPPING SADDLE	24" X 2"	STAINLESS STEEL	44 + 45	ROMAC	INSTALLED

NORTH TRANSMISSION LINE SECTION 1
PAGE 4

FITTING	SIZE	TYPE MATERIAL	LOCATION STATION #	MANUFACTURER	REMARKS
TAPPING SADDLE	24" X 2"	STAINLESS STEEL	74 + 81	ROMAC	INSTALLED
TAPPING SADDLE	24" X 2"	STAINLESS STEEL	82 + 60	ROMAC	INSTALLED
TAPPING SADDLE	24" X 2"	STAINLESS STEEL	107 + 93	ROMAC	INSTALLED
TAPPING SADDLE	24" X 2"	STAINLESS STEEL	144 + 55	ROMAC	INSTALLED
TAPPING SADDLE	24" X 2"	STAINLESS STEEL	182 + 20	ROMAC	INSTALLED
TAPPING SADDLE	24" X 2"	STAINLESS STEEL	214 + 10	ROMAC	INSTALLED
TAPPING SADDLE	24" X 2"	STAINLESS STEEL	256 + 70	ROMAC	INSTALLED
TAPPING SADDLE	24" X 2"	STAINLESS STEEL	282 + 95	ROMAC	INSTALLED
TAPPING SADDLE	24" X 2"	STAINLESS STEEL	311 + 40	ROMAC	INSTALLED
TAPPING SADDLE	24" X 2"	STAINLESS STEEL	381 + 60	ROMAC	INSTALLED
TAPPING SADDLE	24" X 2"	STAINLESS STEEL	393 + 70	ROMAC	INSTALLED
TAPPING SADDLE	24" X 2"	STAINLESS STEEL	426 + 40	ROMAC	INSTALLED
CORP STOP	2"	BRASS	0 + 05	HAYES	INSTALLED
CORP STOP	2"	BRASS	6 + 90	HAYES	INSTALLED
CORP STOP	2"	BRASS	26 +10	HAYES	INSTALLED
CORP STOP	2"	BRASS	30 + 10	HAYES	INSTALLED
CORP STOP	2"	BRASS	44 + 45	HAYES	INSTALLED
CORP STOP	2"	BRASS	74 + 81	HAYES	INSTALLED
CORP STOP	2"	BRASS	74 + 81	HAYES	INSTALLED
CORP STOP	2"	BRASS	82 + 60	HAYES	INSTALLED
CORP STOP	2"	BRASS	107 + 93	HAYES	INSTALLED
CORP STOP	2"	BRASS	144 + 55	HAYES	INSTALLED
CORP STOP	2"	BRASS	182 + 20	HAYES	INSTALLED
CORP STOP	2"	BRASS	214 + 10	HAYES	INSTALLED
CORP STOP	2"	BRASS	256 + 70	HAYES	INSTALLED
CORP STOP	2"	BRASS	282 + 90	HAYES	INSTALLED

NORTH TRANSMISSION LINE SECTION 1
PAGE 5

FITTING	SIZE	TYPE MATERIAL	LOCATION STATION #	MANUFACTURER	REMARKS
CORP STOP	2"	BRASS	311 + 40	HAYES	INSTALLED
CORP STOP	2"	BRASS	381 + 60	HAYES	INSTALLED
CORP STOP	2"	BRASS	393 + 70	HAYES	INSTALLED
CORP STOP	2"	BRASS	426 + 40	HAYES	INSTALLED
GATE VALVE	2"	BRASS	0 + 05	HAMMOND	INSTALLED
GATE VALVE	2"	BRASS	6 + 90	HAMMOND	INSTALLED
GATE VALVE	2"	BRASS	26 + 10	HAMMOND	INSTALLED
GATE VALVE	2"	BRASS	30 + 35	HAMMOND	INSTALLED
GATE VALVE	2"	BRASS	44 + 45	HAMMOND	INSTALLED
GATE VALVE	2"	BRASS	74 + 81	HAMMOND	INSTALLED
GATE VALVE	2"	BRASS	82 + 60	HAMMOND	INSTALLED
GATE VALVE	2"	BRASS	107 + 93	HAMMOND	INSTALLED
GATE VALVE	2"	BRASS	144 + 55	HAMMOND	INSTALLED
GATE VALVE	2"	BRASS	182 + 20	HAMMOND	INSTALLED
GATE VALVE	2"	BRASS	214 + 10	HAMMOND	INSTALLED
GATE VALVE	2"	BRASS	256 + 70	HAMMOND	INSTALLED
GATE VALVE	2"	BRASS	282 + 95	HAMMOND	INSTALLED
GATE VALVE	2"	BRASS	311 + 40	HAMMOND	INSTALLED
GATE VALVE	2"	BRASS	381 + 60	HAMMOND	INSTALLED
GATE VALVE	2"	BRASS	393 + 70	HAMMOND	INSTALLED
GATE VALVE	2"	BRASS	426 + 40	HAMMOND	INSTALLED

6-14-91

REVISION	BY	DATE
ASBUILT	DEJ	4/5/91

NORTH TRANSMISSION LINE SECTION 2

GRAND STRAND WATER & SEWER AUTHORITY

TELEPHONE (803) 347-4641 OR 448-1686

P.O. BOX 1537, CONWAY, S.C. 29526

DATE: AUGUST 1989

SCALE: HOR. 1" = 100' VER. 1" = 5'

DRAWN BY: ROBERT PERKINS

CHECKED BY: JIM HEMBREE

APPROVED BY: Fred R Richardson

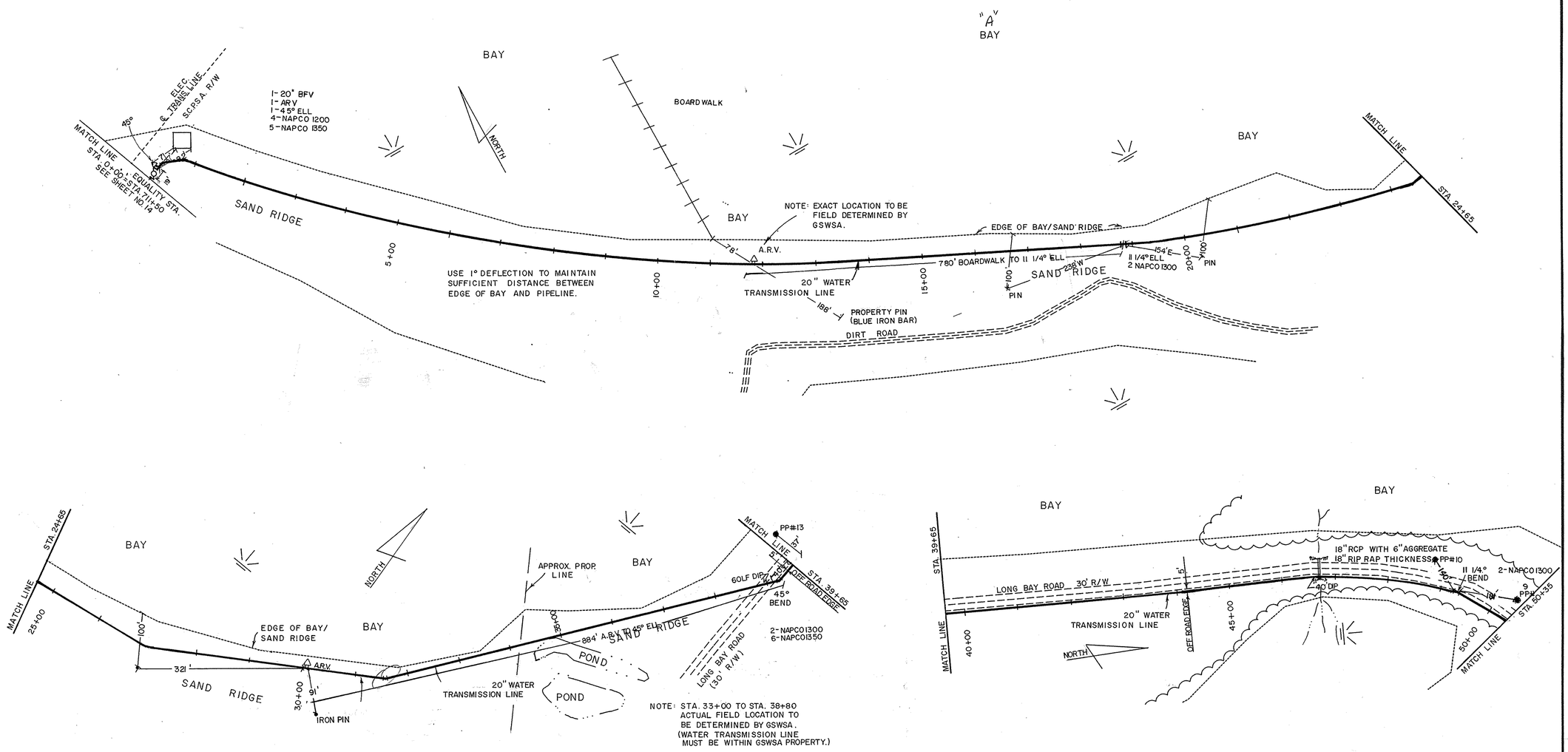
FRED RICHARDSON P.E. NO. 9853

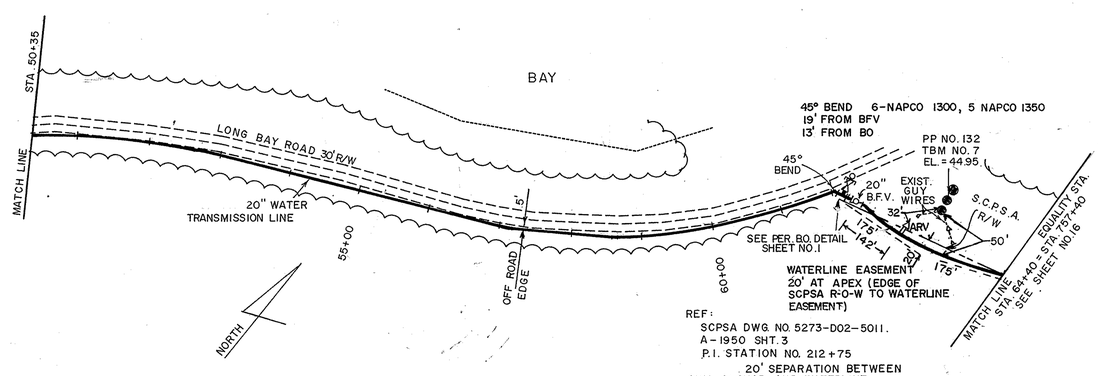
SHEET 14 OF 20

DRAWING NO. ~~28-13-019-W~~

28-013-014/019

the american blueprint of columbia 306747





REF:
SCPSA DWG. NO. 5273-D02-5011.
A-1950 SHT. 3
P.I. STATION NO. 212+75
20' SEPARATION BETWEEN GUY ANCHOR AND WATERLINE.

NOTE:
DO NOT USE PROFILE IFORMATION SHOWN. FITTINGS, PIPE DEPTHS, & ASSOCIATED FEATURES ARE INCORRECT.

LEGEND

	A.R.V.	AIR & VACUUM RELIEF VALVE
	B.F.V.	BUTTERFLY VALVE
	G.V.	GATE VALVE
	C.M.P.	CORRUGATED METAL PIPE
	R.C.P.	REINFORCED CONCRETE PIPE
		FENCE LINE
		TREE LINE
		CREEK, DITCH, WATER BODY
		POWER POLE

APPROVED
APPROVED 6-14-96

REVISION	BY	DATE
ADDED PROPOSED EASEMENT AT P.I. (62+20 - 64+10)	RP	1/10/90
AS BUILT	DJ	5/24/91

NORTH TRANSMISSION LINE
SECTION 2

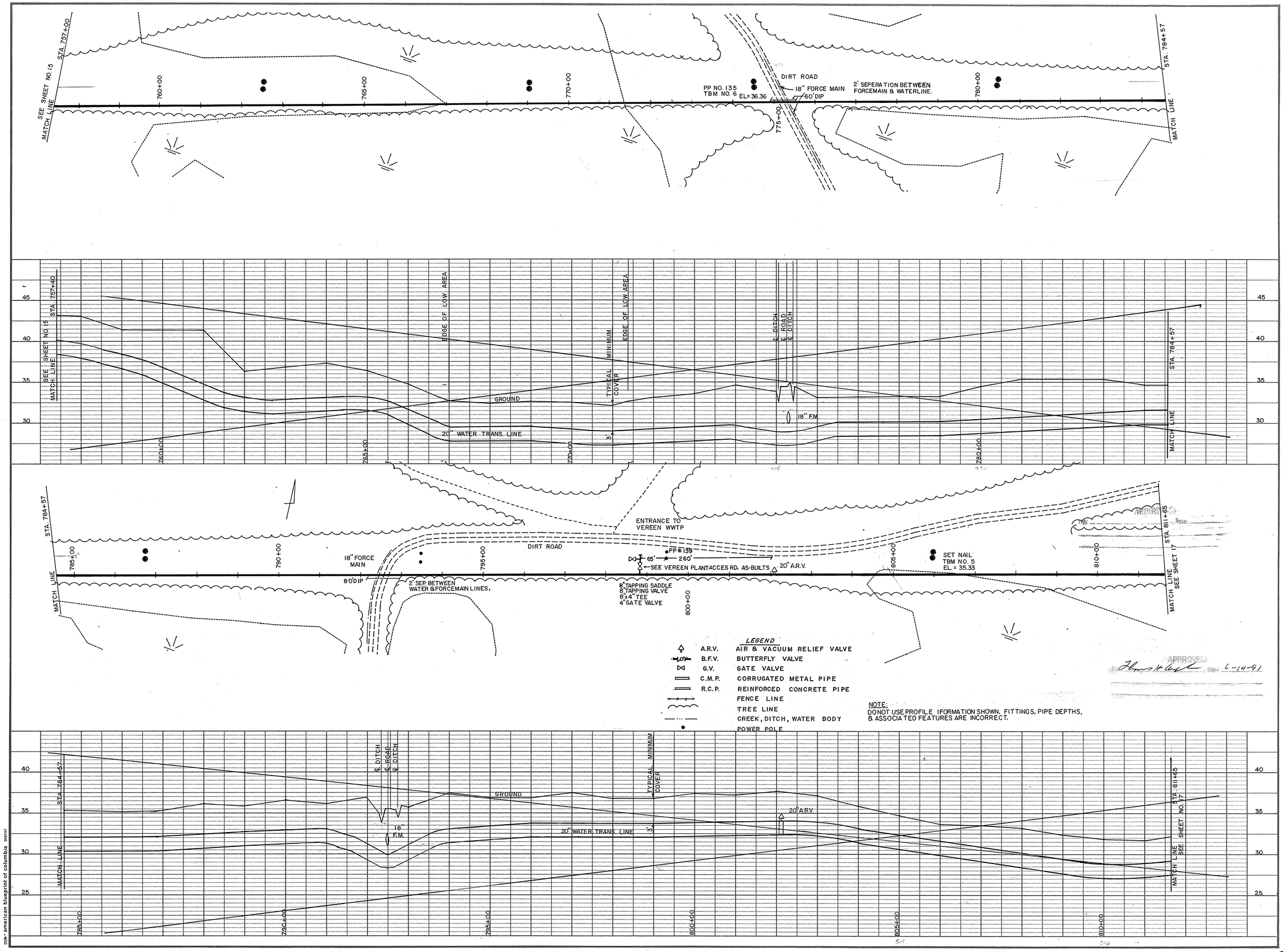
GRAND STRAND WATER & SEWER AUTHORITY

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

DATE	SEPT. 1989
SCALE	1"=100'
DRAWN BY	ROBERT PERKINS
CHECKED BY	JIM HEMBREE
APPROVED BY	Fred R. Richardson
FRED RICHARDSON P.E. NO. 9853	
SHEET 15 OF 20	
DRAWING NO.	~~CSS-13-015-W~~

28-013-015/019

american blueprint of columbia 302544



REVISION	BY	DATE
ASBUILT	DJ	5/24/91

NORTH TRANSMISSION LINE
SECTION 2

GRAND STRAND WATER & SEWER AUTHORITY

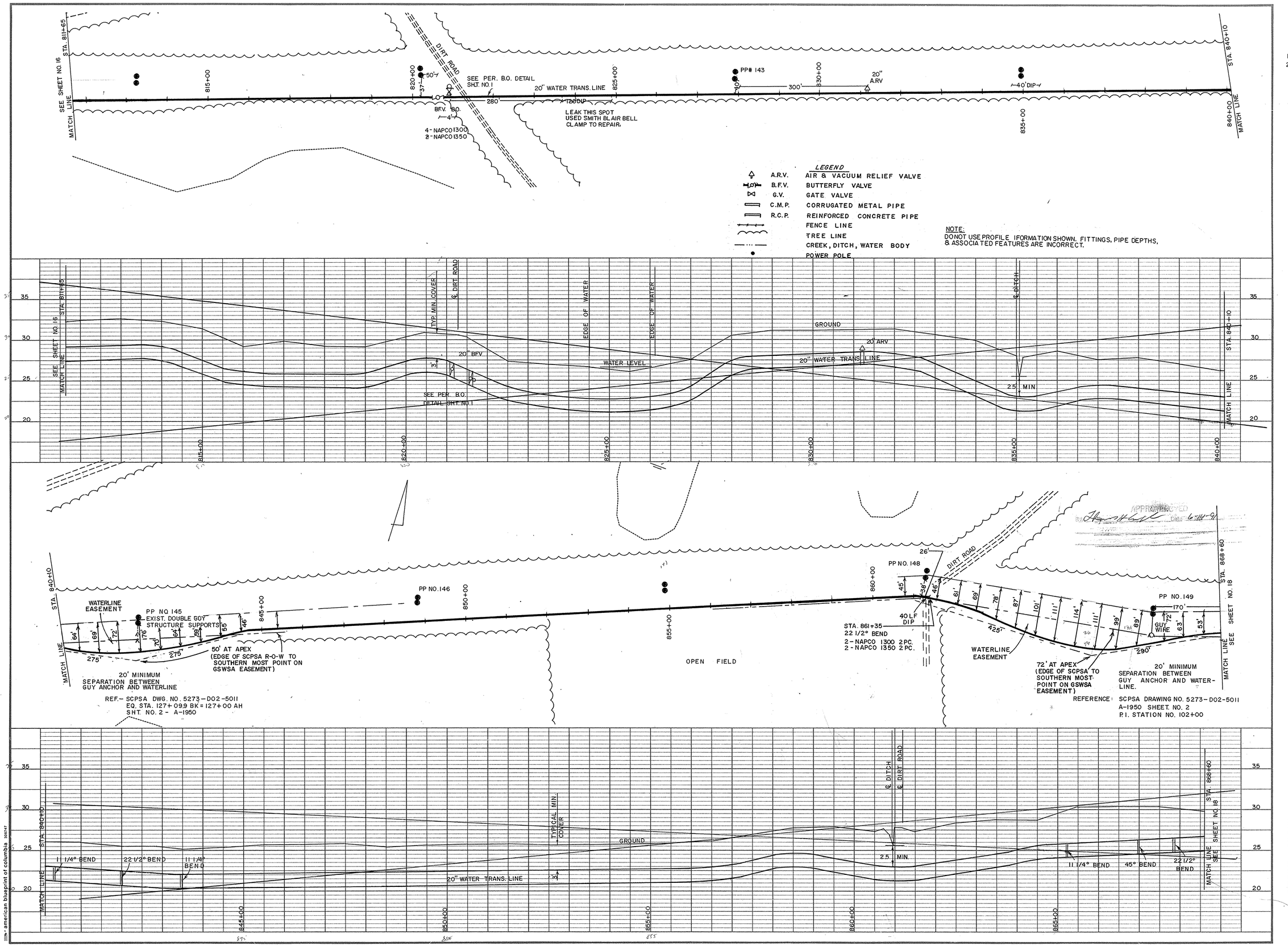
P.O. BOX 1537, CONWAY, S.C. 29526

TELEPHONE (803) 347-4641 OR 448-1686

DATE	AUGUST 1989
SCALE	HOR. 1" = 100' VER. 1" = 5'
DRAWN BY	ROBERT PERKINS
CHECKED BY	JIM HEMBREE
APPROVED BY	Fred R. Richardson
FRED RICHARDSON P.E. NO. 9853	
SHEET 16 OF 20	
DRAWING NO.	~~28-13-019~~ W

28-013-016/019

american blueprint of columbia 36767



REVISION	BY	DATE
ADDED PROPOSED EASEMENT AT P.I. 1=(840+30-843+50) 2=(865+30-867+80)	RP	1/10/90
AS BUILT	DJ	5/24/91

NORTH TRANSMISSION LINE
SECTION 2

GRAND STRAND WATER & SEWER AUTHORITY

P.O. BOX 1537, CONWAY, S.C. 29526

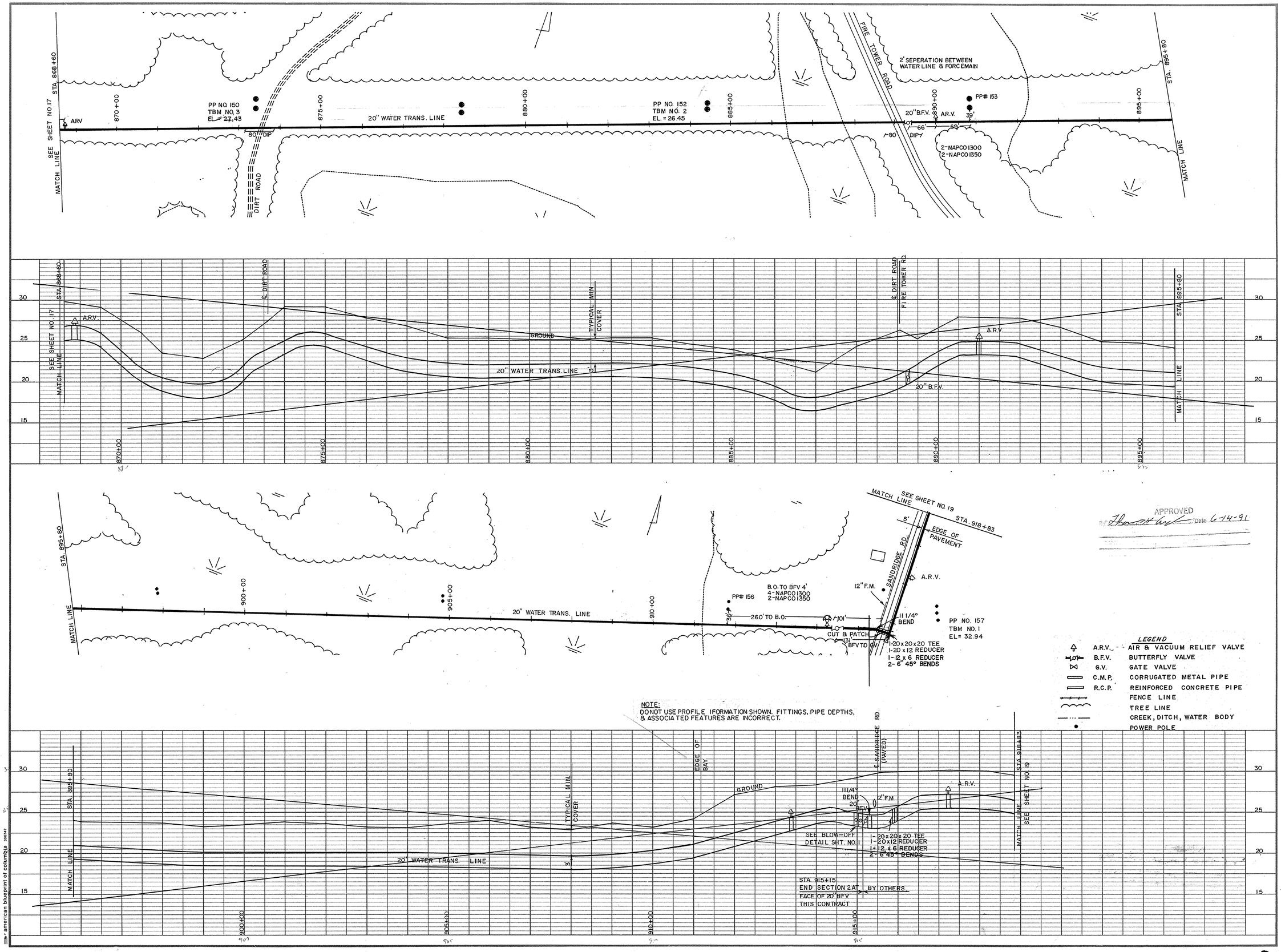
TELEPHONE (803) 347-4641 OR 448-1686

3864
3036
1933

DATE	AUGUST 1989
SCALE	HOR. 1" = 100' VER. 1" = 5'
DRAWN BY	ROBERT PERKINS
CHECKED BY	JIM HEMBREE
APPROVED BY	Fred R. Richardson
	FRED RICHARDSON P.E. NO. 9853
	SHEET 17 OF 20
DRAWING NO.	~~28-13-019~~ - W

28-013-017/019

american blueprint of columbia 33547



REVISION	BY	DATE
AS-BUILT REV.	REP	11/90
AS BUILT	DJ	5/24/91

NORTH TRANSMISSION LINE
SECTION 2

GRAND STRAND WATER & SEWER AUTHORITY

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

DATE	AUGUST 1989
SCALE	HOR. 1" = 100' VER. 1" = 5'
DRAWN BY	ROBERT PERKINS
CHECKED BY	JIM HEMBREE
APPROVED BY	Fred R. Richardson
	FRED RICHARDSON P.E. NO. 9853
SHEET 18 OF 20	
DRAWING NO.	~~28-13-013~~ -W

28-013-018/019

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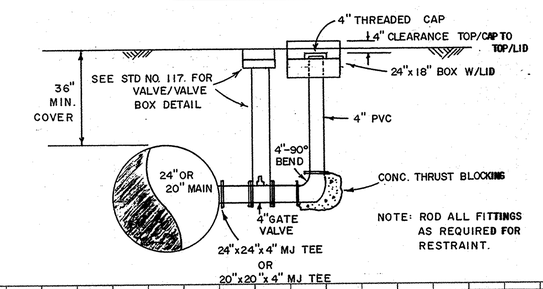
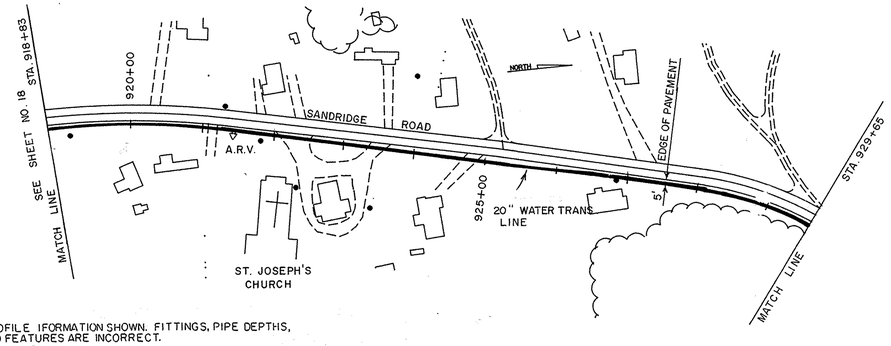
QUALITY CONTROL BLOW-OFF DETAIL



NOTE: ROD ALL FITTINGS AS REQUIRED FOR RESTRAINT.

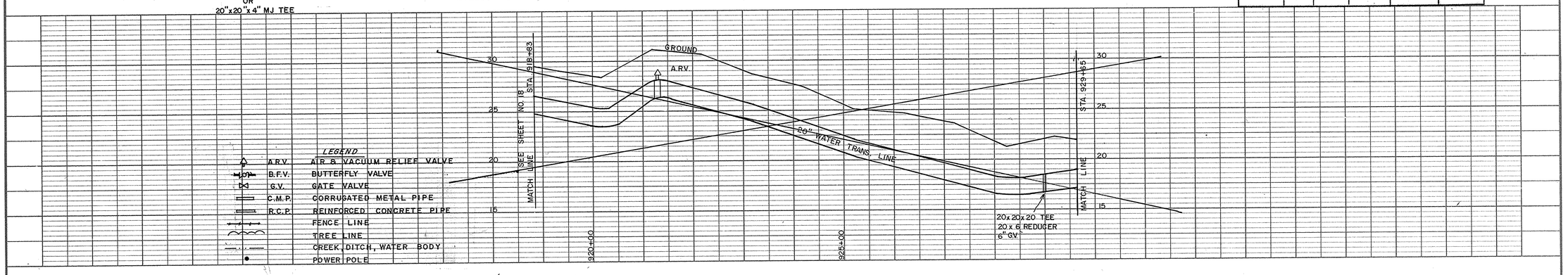


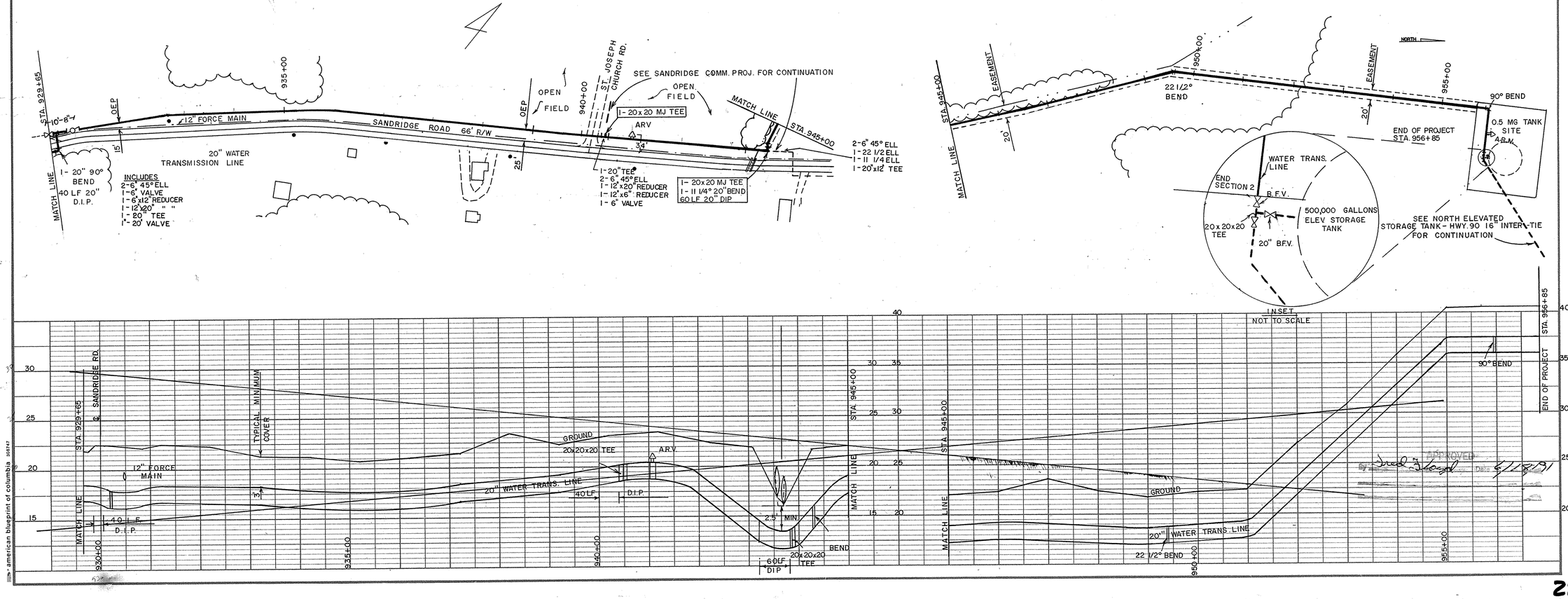
NOTE:
DO NOT USE PROFILE IFORMATION SHOWN. FITTINGS, PIPE DEPTHS, & ASSOCIATED FEATURES ARE INCORRECT.

GRAND STRAND WATER & SEWER AUTHORITY
AS BUILT MATERIALS
REPORT

PROJECT: SANDRIDGE ROAD

FITTING	SIZE	TYPE MATERIAL	LOCATION STA. NO.	MANUFACTURER	REMARKS
GATE VALVE	6"	D.I. MJ	915 + 80	?	
REDUCER	20" X 6"	D.I. MJ	915 + 90	TYLER	
TEE	20X20X20	D.I. MJ	916 + 00	TYLER	
TAP SADDLE	20" X 2"	----	917 + 25	ROMAC	FOR ARV
ARV	2"	----	917 + 25	APCO	
TAP SADDLE	20" X 2"	----	921 + 25	ROMAC	FOR ARV
ARV	2"	----	921 + 25	APCO	
90° BEND	20"	D.I. MJ	930 + 00	TYLER.	
TEE	20 X 20	D.I. MJ	930 + 40	TYLER	
BFV	20"	D.I. MJ	930 + 50	MUELLER	
TEE	20X20X12	D.I. MJ	940 + 50	TYLER	
ARV	2"	-----	941 + 00	APCO	
TAP SADDLE	20" X 2"	-----	941 + 00	ROMAC	FOR ARV
TEE	20 X 12	D.I. MJ	943 + 80	TYLER	
90° BEND	20"	D.I. MJ	955 + 90	TYLER	





REVISION	BY	DATE
AS BUILT	DJ	5/24/91

NORTH TRANSMISSION LINE
SECTION 2

GRAND STRAND WATER & SEWER AUTHORITY

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

DATE	AUGUST 1989
SCALE	HOR. 1" = 100' VER. 1" = 5'
DRAWN BY	ROBERT PERKINS
CHECKED BY	JIM HEMBREE
APPROVED BY	FRED RICHARDSON P.E. NO. 9853
SHEET 19 OF 20	
DRAWING NO.	~~28-13-019-W~~

28-013-019/019

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