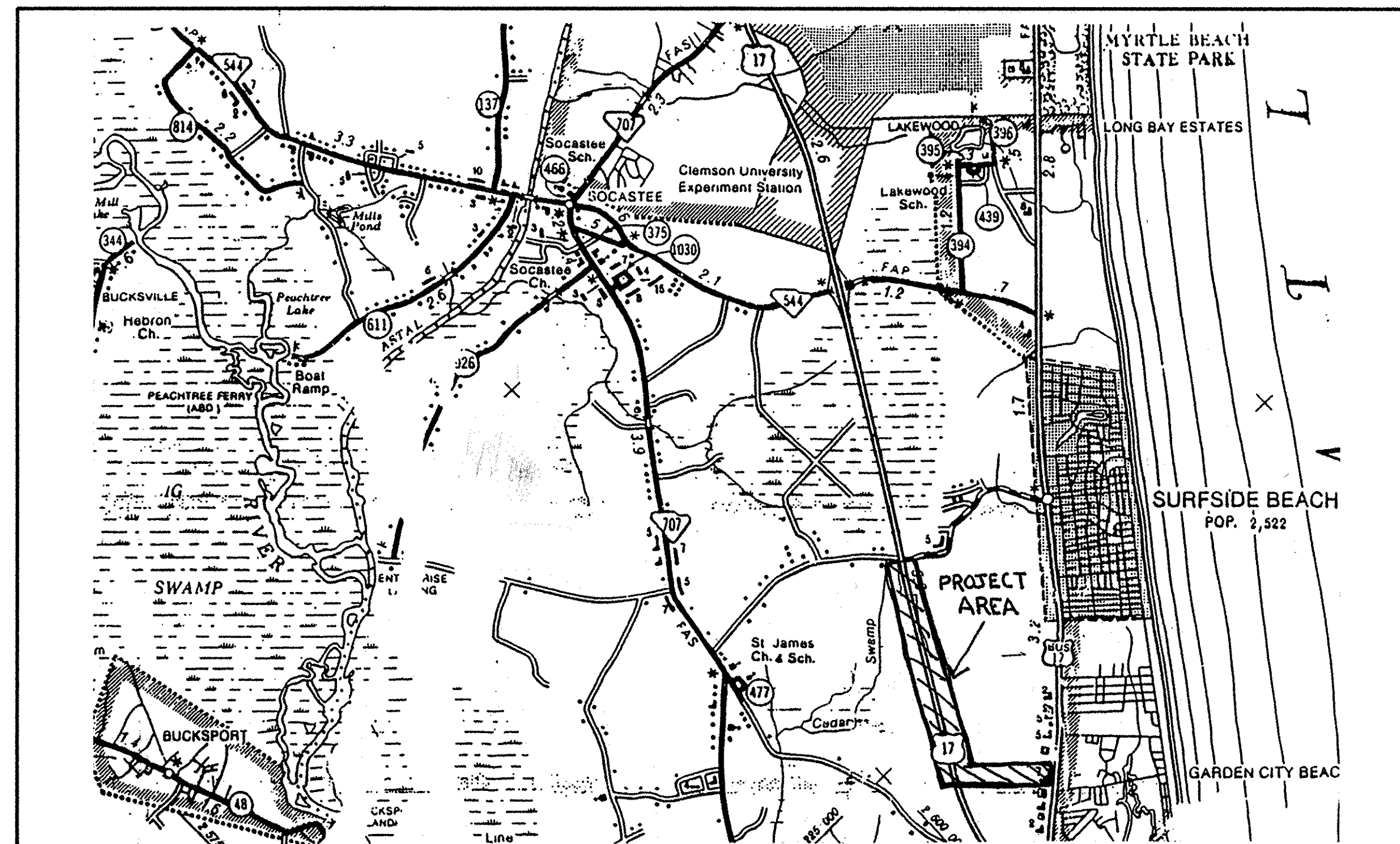


GRAND STRAND WATER AND SEWER AUTHORITY

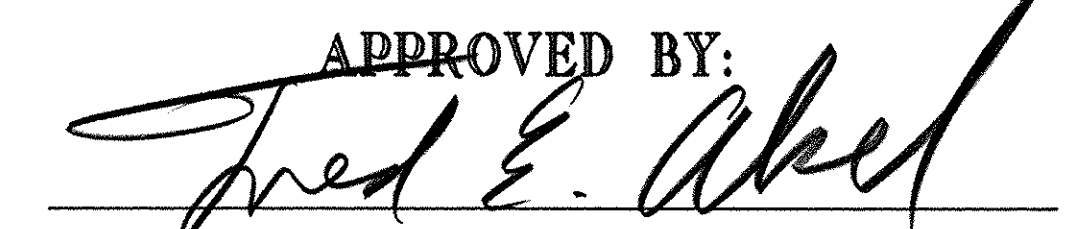
GARDEN CITY DIVERSION FORCEMAIN



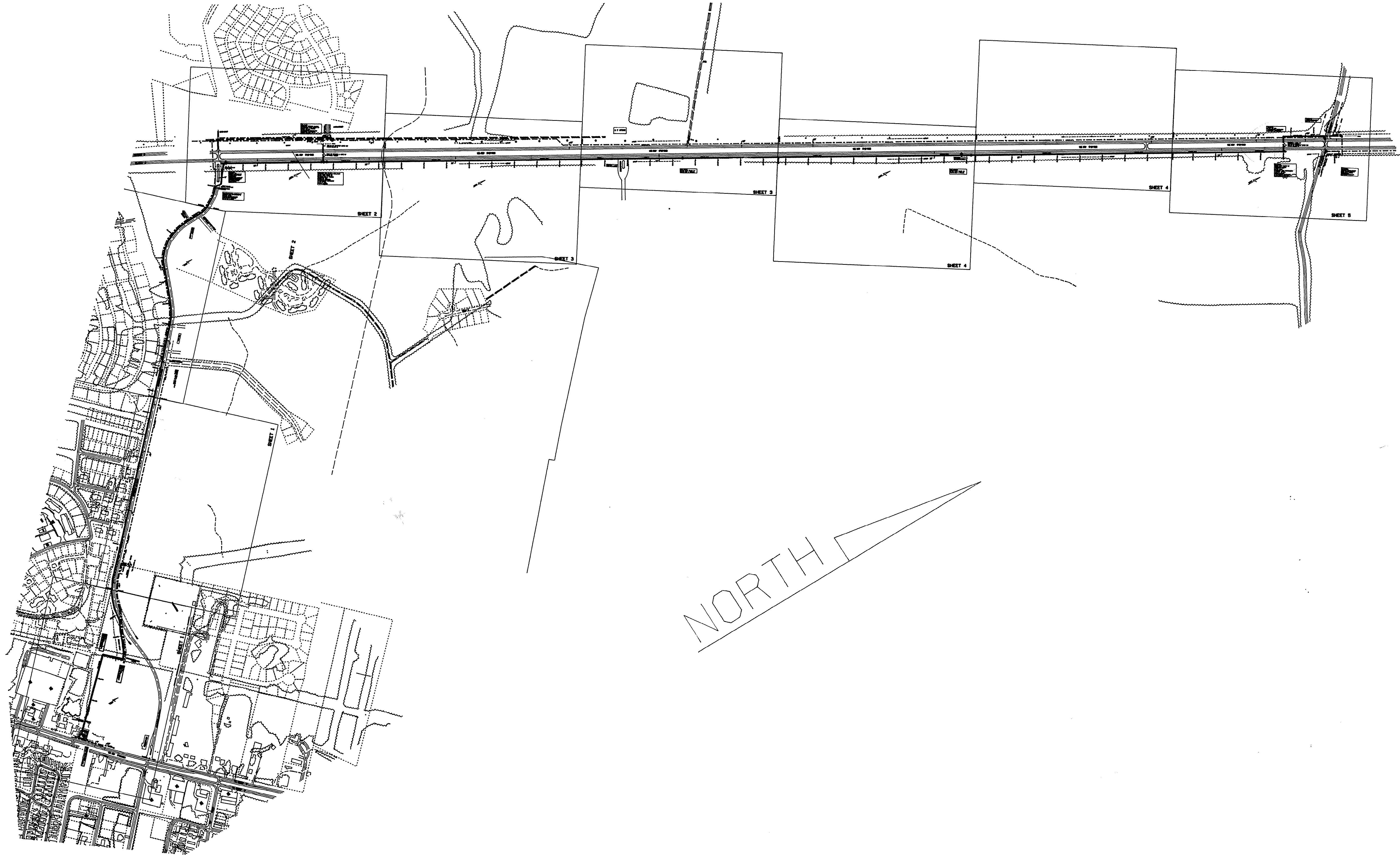
LOCATION MAP
NOT TO SCALE

1. WORK WITHIN PUBLIC RIGHT-OF-WAYS OR PRIVATE EASEMENTS SHALL BE ACCOMPLISHED BY THE CONTRACTOR ACCORDING TO THE REQUIREMENTS OR CONDITIONS OF THE ENCROACHMENT PERMIT OR OTHER LEGAL DOCUMENTS AS THOUGH DOCUMENTS WERE ISSUED IN THE CONTRACTORS NAME. THE CONTRACTOR SHALL MAINTAIN COPIES OF THESE DOCUMENTS ON THE SITE AT THE TIMES.
2. PROVISIONS SHALL BE MADE TO PREVENT EROSION AND SILTRATION CAUSED BY CONSTRUCTION. TEMPORARY GRASSING, HAY BALES, SILT FENCES OR OTHER METHODS; AS CALLED FOR ON THE PLAN OR THAT MAY BE REQUIRED; SHALL BE USED.
3. THE CONTRACTOR WILL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND EXISTENCE OF ALL UNDERGROUND UTILITIES. LOCATION OF UTILITIES ON THE PLAN, WHETHER FULLY AND CORRECTLY LOCATED OR OMITTED, WILL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OR LIABILITY FOR DAMAGE TO UTILITIES. THE CONTRACTOR WILL BE RESPONSIBLE FOR CONTACTING LOCAL UTILITIES FOR ASSISTANCE IN LOCATING UTILITIES. THE CONTRACTOR MUST FULLY COMPLY WITH THE SOUTH CAROLINA UNDERGROUND UTILITIES DAMAGE PREVENTION ACT, GENERAL STATUTES 58-35, SECTIONS 20 THROUGH 120.
4. WHEN THE CONTRACTOR IS UNABLE TO COMPLETE HIS WORK AS SHOWN ON THE PLANS BECAUSE OF AN EXISTING UTILITY, CONTRACTOR SHALL STAKE THE LOCATION OF THE UTILITY PRIOR TO PROCEEDING AND CONTACT THE ENGINEER.
5. THE CONTRACTOR SHALL NOTIFY ALL PUBLIC AGENCIES, THE OWNER, THE ENGINEER AND ALL OTHER CONCERNED PARTIES WHEN CONSTRUCTION IS TO COMMENCE SO THAT INSPECTIONS AND OTHER SITE VISITS MAY BE SCHEDULED.
6. DATA REQUIRED FOR PREPARATION OF AS-BUILT DRAWINGS SHALL BE OBTAINED BY THE CONTRACTOR AT THE TIME OF INSTALLATION. THIS DATA SHALL BE ACCUMULATED BY THE CONTRACTOR AND COORDINATED WITH THE PROJECT INSPECTOR ON A DAILY BASIS DURING THE CONSTRUCTION PERIOD AND BE SUBMITTED TO THE PROJECT INSPECTOR IN A NEAT AND LEGIBLE MANNER AFTER COMPLETION OF THE PROJECT.
7. ALL WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE FEDERAL, SOUTH CAROLINA AND LOCAL ORDINANCES, REGULATIONS, SPECIFICATIONS, AND PERMITS.

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

APPROVED BY:

FRED E. AKEL P.E. #12859

GARDEN CITY DIVERSION FORCEMAIN



NORTH

SCDHEC PERMIT # 18,316-DW
DATE: 2-17-94
PROJECT # 08-692-01

DATE: JANUARY 26, 1993

SCALE: 1" = 60'

FILENAME: GC-DIV.DGN

DRAWN BY: DAVID JOHNSON

CHECKED BY: JIM HEMBREE

APPROVED BY: *Fred E. Akel*
FRED E. AKEL P.E. #12859

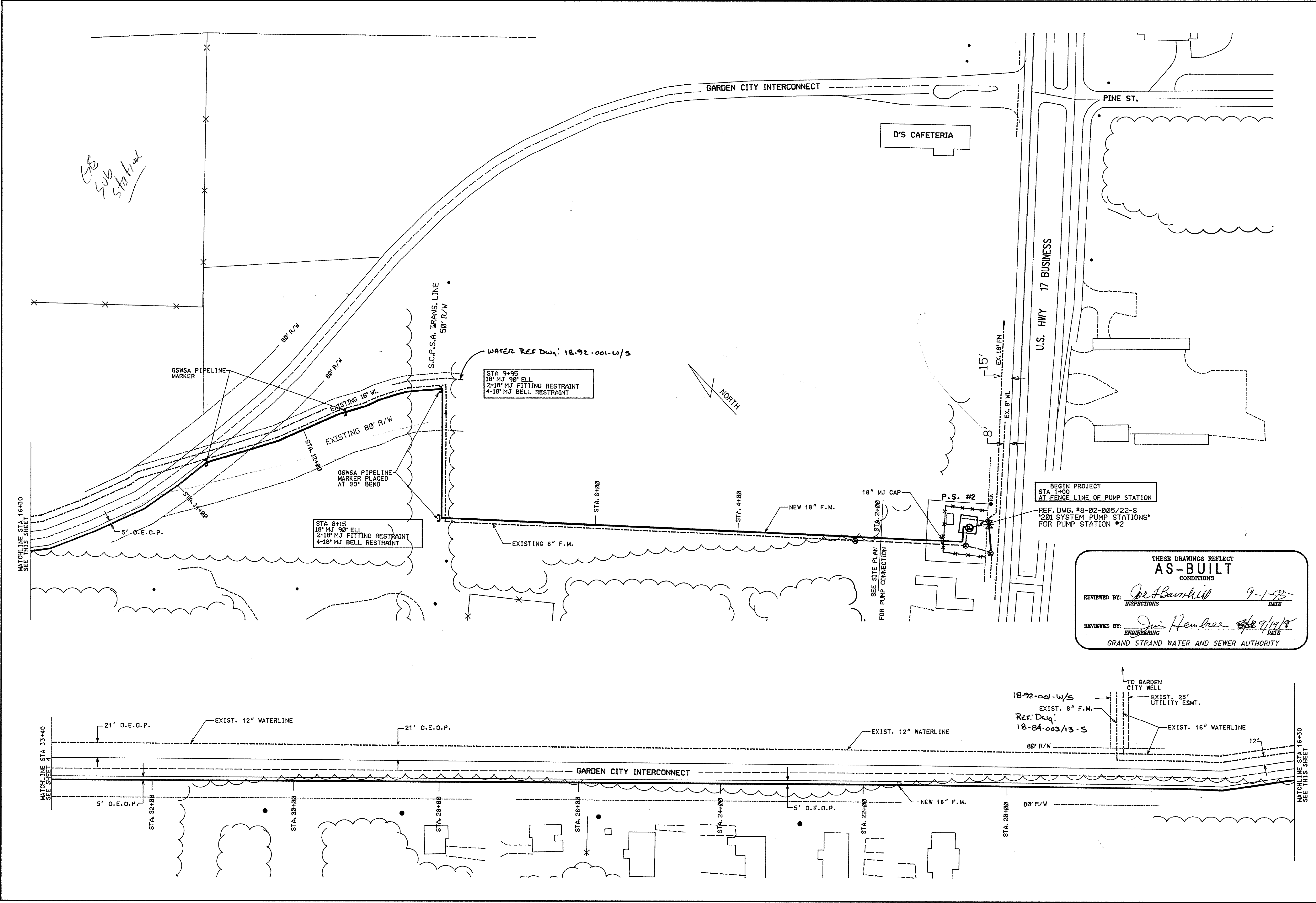
SHEET 2 OF 13

DRAWING NO. 18-84-002/13-S

GARDEN CITY DIVERSION
FORCEMAIN

GRAND STRAND WATER & SEWER AUTHORITY
P.O. BOX 1587, CONWAY, SC 29526
TELEPHONE (803) 47-4411 OR 448-1666

REVISION	BY	DATE
1) AS BUILT	DRT	3-95
2) AS BUILT	AW	7-95



REVISION		BY	DATE
1)	AS-BUILT	DRT	3-95
2)	AS-BUILT	AW	7-95

GARDEN CITY DIVERSION FORCE MAIN

GRAND STRAND WATER & SEWER AUTHORITY

P.O. BOX 1457, CONWAY, SC 29566
TELEPHONE 803 477-4641 OR 448-1666

THESE DRAWINGS REFLECT
AS-BUILT
CONDITIONS

REVIEWED BY: *Joe Hembree* 9-1-95
INSPECTIONS DATE

REVIEWED BY: *Jim Hembree* 9/19/95
ENGINEERING DATE

GRAND STRAND WATER AND SEWER AUTHORITY

SC DHEC PERMIT #18-316-DW
ISSUED 2-17-94

PROJECT #08-692-01

DATE: JANUARY 26, 1993

SCALE: 1" = 60'

FILENAME: GC-DIV.DGN

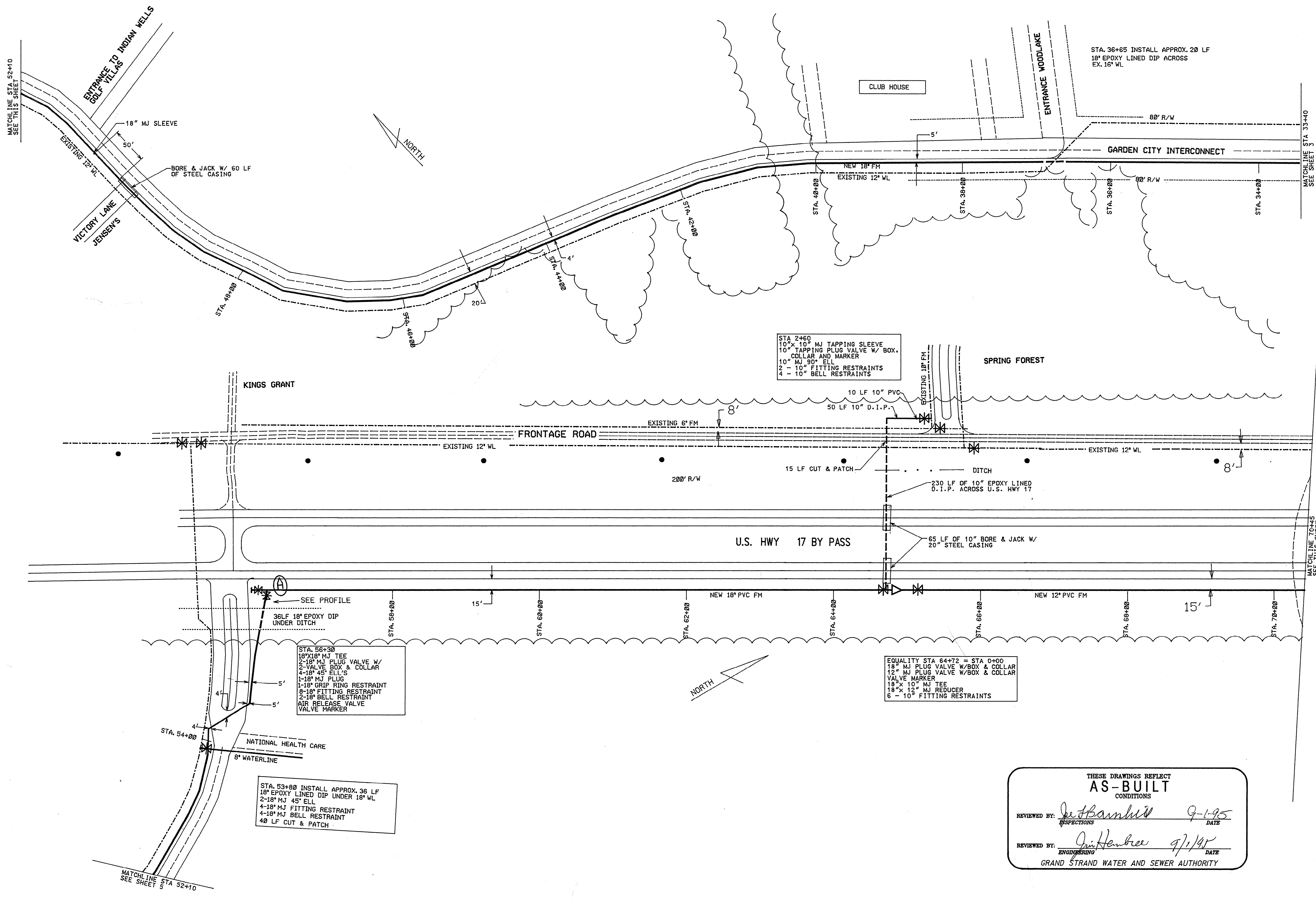
DRAWN BY: DAVID JOHNSON

CHECKED BY: JIM HEMBREE

APPROVED BY: *Fred E Akel*
FRED E AKEL P.E. #12859

SHEET 3 OF 13

DRAWING NO. 18-84-003/13-S



REVISION		BY	DATE
1)	AS-BUILT	DRT	3-95
2)	AS-BUILT	AW	7-95

GARDEN CITY DIVERSION FORCE MAIN

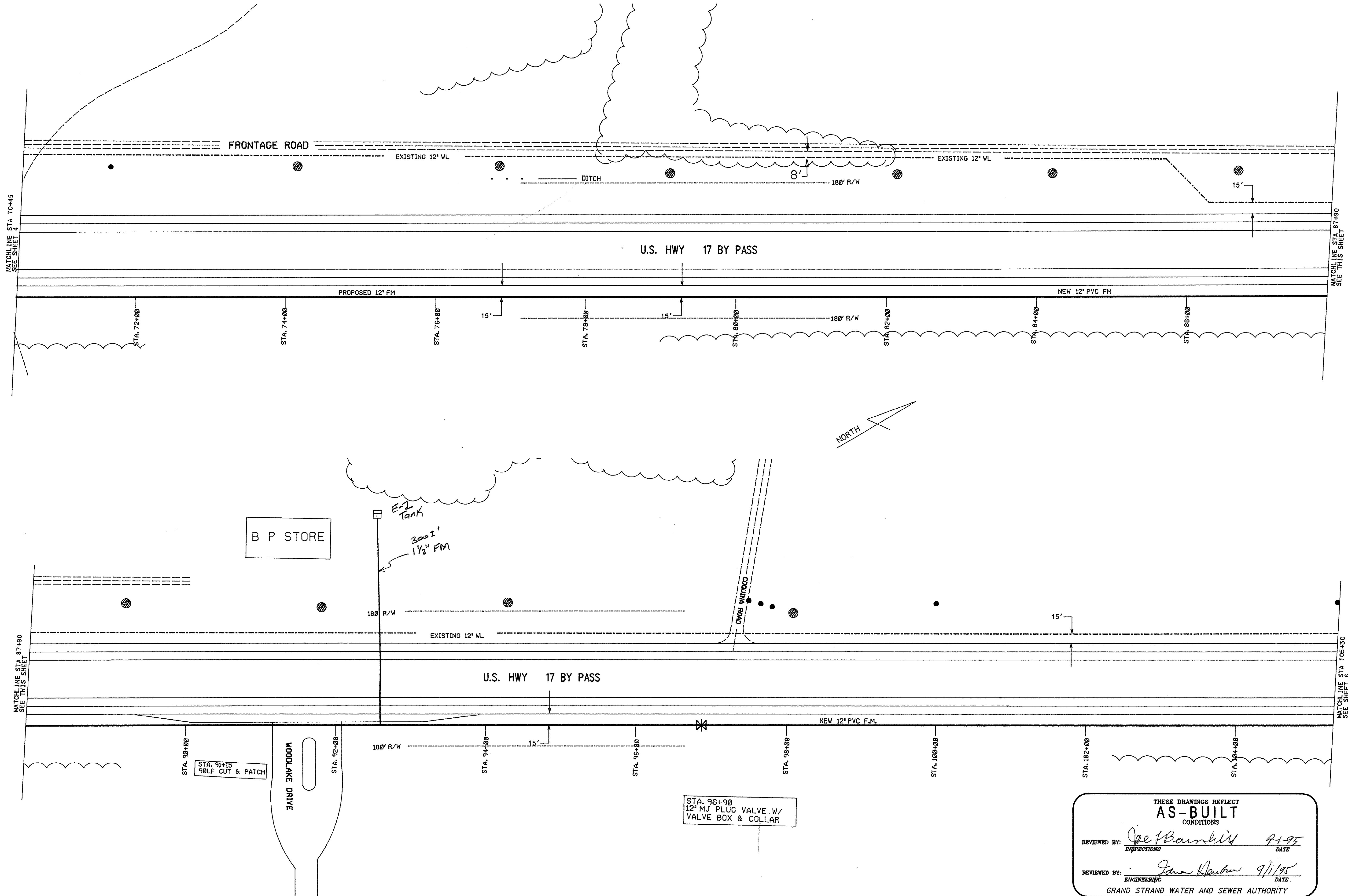
GRAND STRAND WATER & SEWER AUTHORITY

P.O. BOX 1157, CONWAY, SC 29526
TELEPHONE 803 547-4641 OR 448-1686

SC DHEC PERMIT #18-316-DW
ISSUED 2-17-94
PROJECT #08-692-01
DATE: JANUARY 26, 1993
SCALE: 1" = 60'
FILENAME: GC-DIV.DGN

DRAWN BY	DAVID JOHNSON
CHECKED BY	JIM HEMBREE
APPROVED BY: <i>Fred Akel</i>	
FRED E AKEL P.E. #12859	

SHEET 4 OF 13
DRAWING NO. 18-84-004/13-S



REVISION		BY	DATE
1) AS-BUILT	DRT	3-95	
2) AS-BUILT	AW	7-95	

GARDEN CITY DIVERSION FORCE MAIN GRAND STRAND WATER & SEWER AUTHORITY P.O. BOX 187, CONWAY, SC 29526		SC DHEC PERMIT #18,316-DW ISSUED 2-17-94 PROJECT #08-692-01 DATE: JANUARY 26, 1993 SCALE: 1" = 60' FILENAME: GC-DIV.DGN DRAWN BY: DAVID JOHNSON CHECKED BY: JIM HEMBREE APPROVED BY: <i>[Signature]</i> FRED E AKEL P.E. #12859 SHEET 5 OF 13 DRAWING NO. 18-84-005/13-S
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THESE DRAWINGS REFLECT
AS-BUILT
CONDITIONS

REVIEWED BY: *[Signature]* 9/1/95
INSPECTIONS DATE

REVIEWED BY: *[Signature]* 9/1/95
ENGINEERING DATE

GRAND STRAND WATER AND SEWER AUTHORITY

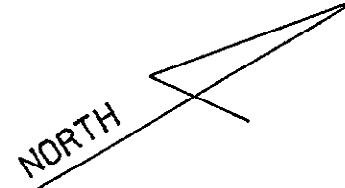
STA. 96+90
12" M.J. PLUG VALVE W/
VALVE BOX & COLLAR

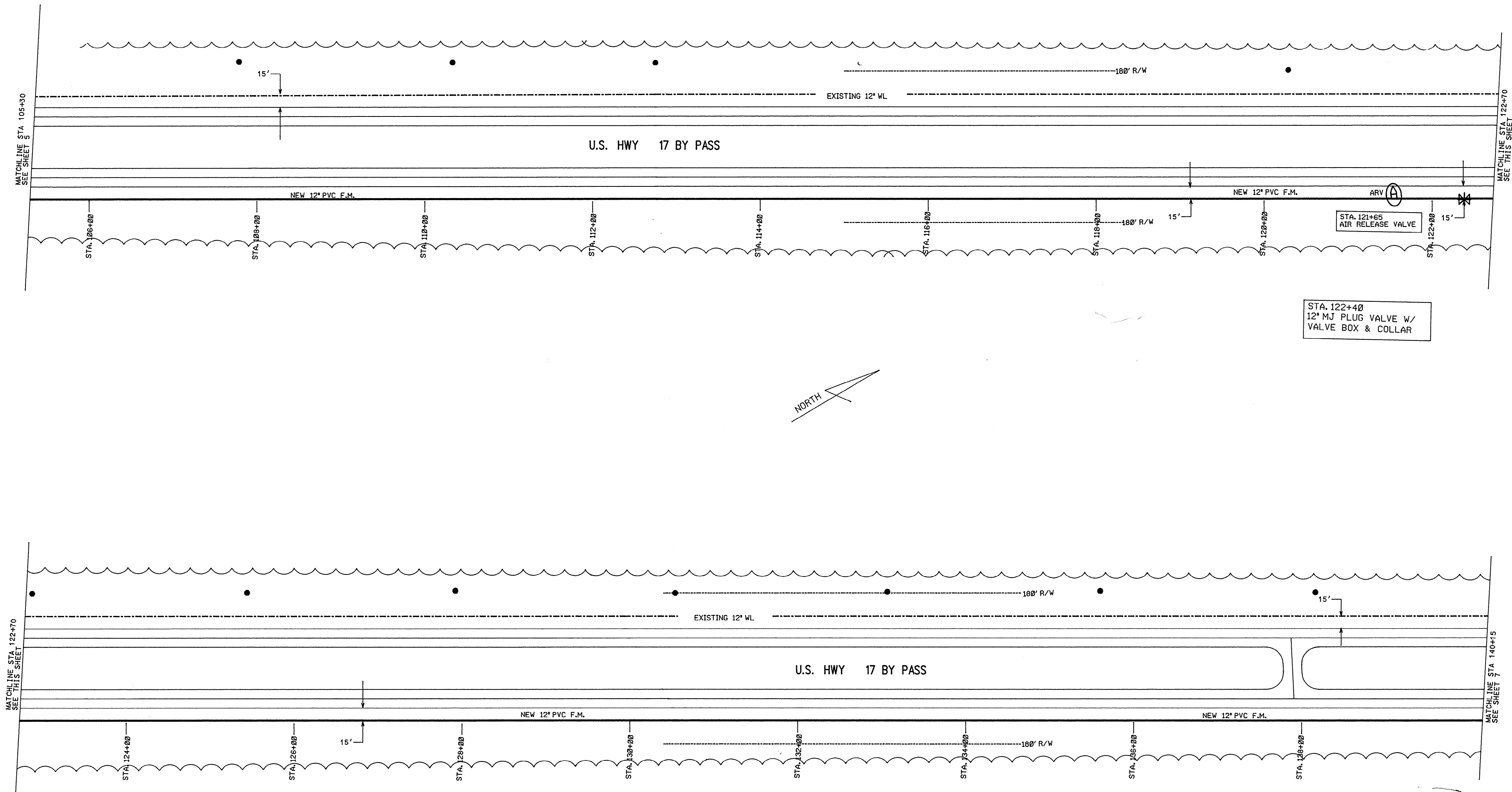
STA. 91+15
90LF CUT & PATCH

WOODLAKE DRIVE

B P STORE

Est Tank
300±'
1 1/2" FM





THESE DRAWINGS REFLECT
AS-BUILT
CONDITIONS

REVIEWED BY: *Joe Bamhill* 9-1-95
INSPECTIONS DATE

REVIEWED BY: *James W. Hembree* 9/1/95
ENGINEERING DATE

GRAND STRAND WATER AND SEWER AUTHORITY

REVISION	BY	DATE
1) AS-BUILT	DRT	3-95
2) AS-BUILT	AW	7-95

**GARDEN CITY DIVERSION
FORCE MAIN**

GRAND STRAND WATER & SEWER AUTHORITY

SC DHEC PERMIT #18,316-DW
ISSUED 2-17-94

PROJECT #08-692-01

DATE: JANUARY 26, 1993

SCALE: 1" = 60'

FILENAME: GC-DIV.DGN

DRAWN BY: DAVID JOHNSON

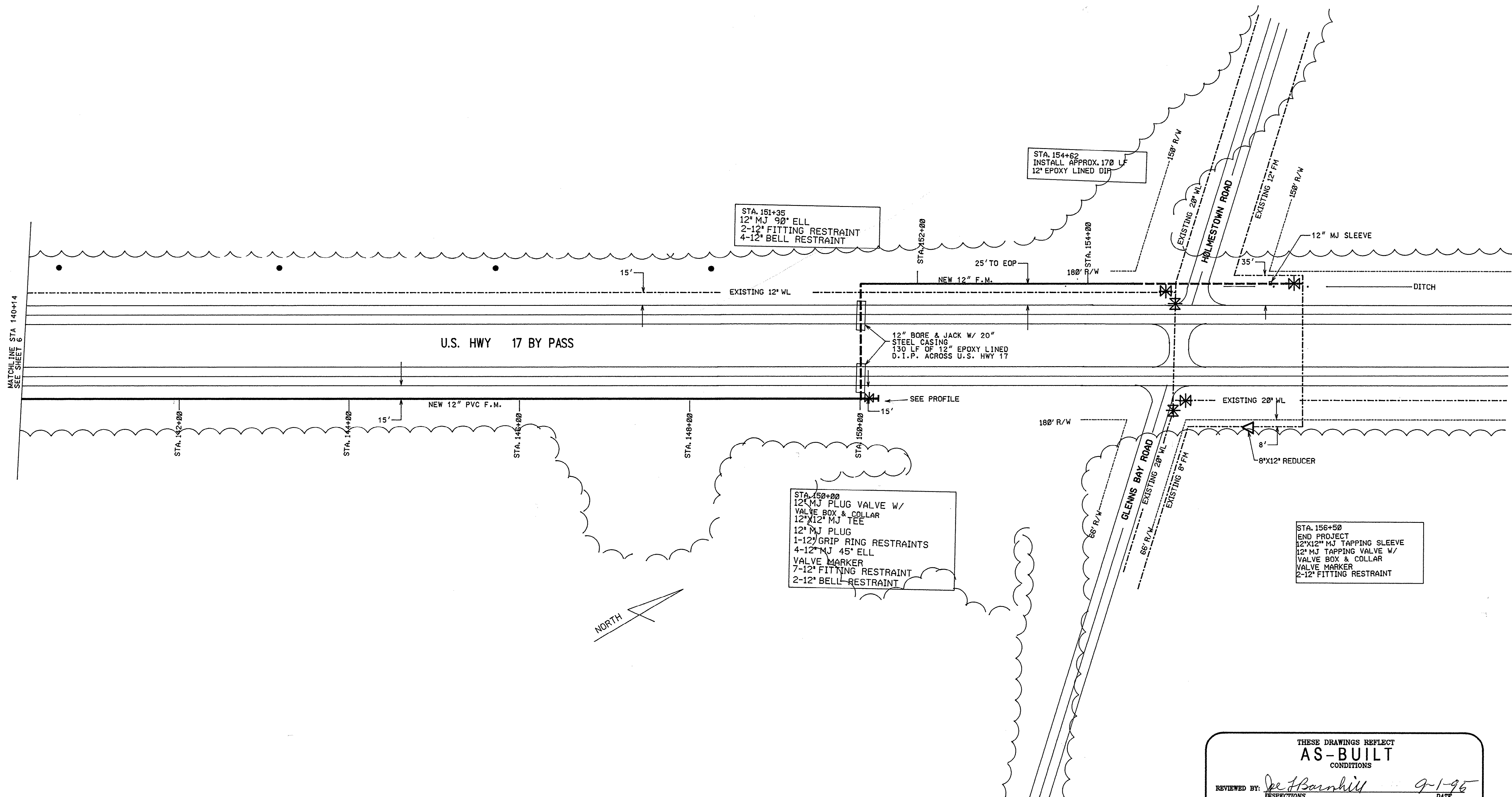
CHECKED BY: JIM HEMBREE

APPROVED BY: *Fred E Akel*
FRED E AKEL P.E. #12859

SHEET 6 OF 13

DRAWING NO. 18-84-006/13-S

P.O. BOX 187, CONWAY, SC 29526
TELEPHONE 803 547-4441 OR 448-1686



THESE DRAWINGS REFLECT
AS-BUILT
 CONDITIONS

REVIEWED BY: *De Barnhill* 9-1-95
 INSPECTIONS DATE

REVIEWED BY: *Jim Hembree* 9/1/95
 ENGINEERING DATE

GRAND STRAND WATER AND SEWER AUTHORITY

REVISION		BY	DATE
1)	AS-BUILT	DRT	3-95
2)	AS-BUILT	AW	7-95

**GARDEN CITY DIVERSION
 FORCE MAIN**

GRAND STRAND WATER & SEWER AUTHORITY
 P.O. BOX 1187, CONWAY, SC 29536
 TELEPHONE (803) 477-4641 OR 448-3686

SC DHEC PERMIT #18,316-DW
 ISSUED 2-17-94
 PROJECT #08-692-01

DATE: JANUARY 26, 1993

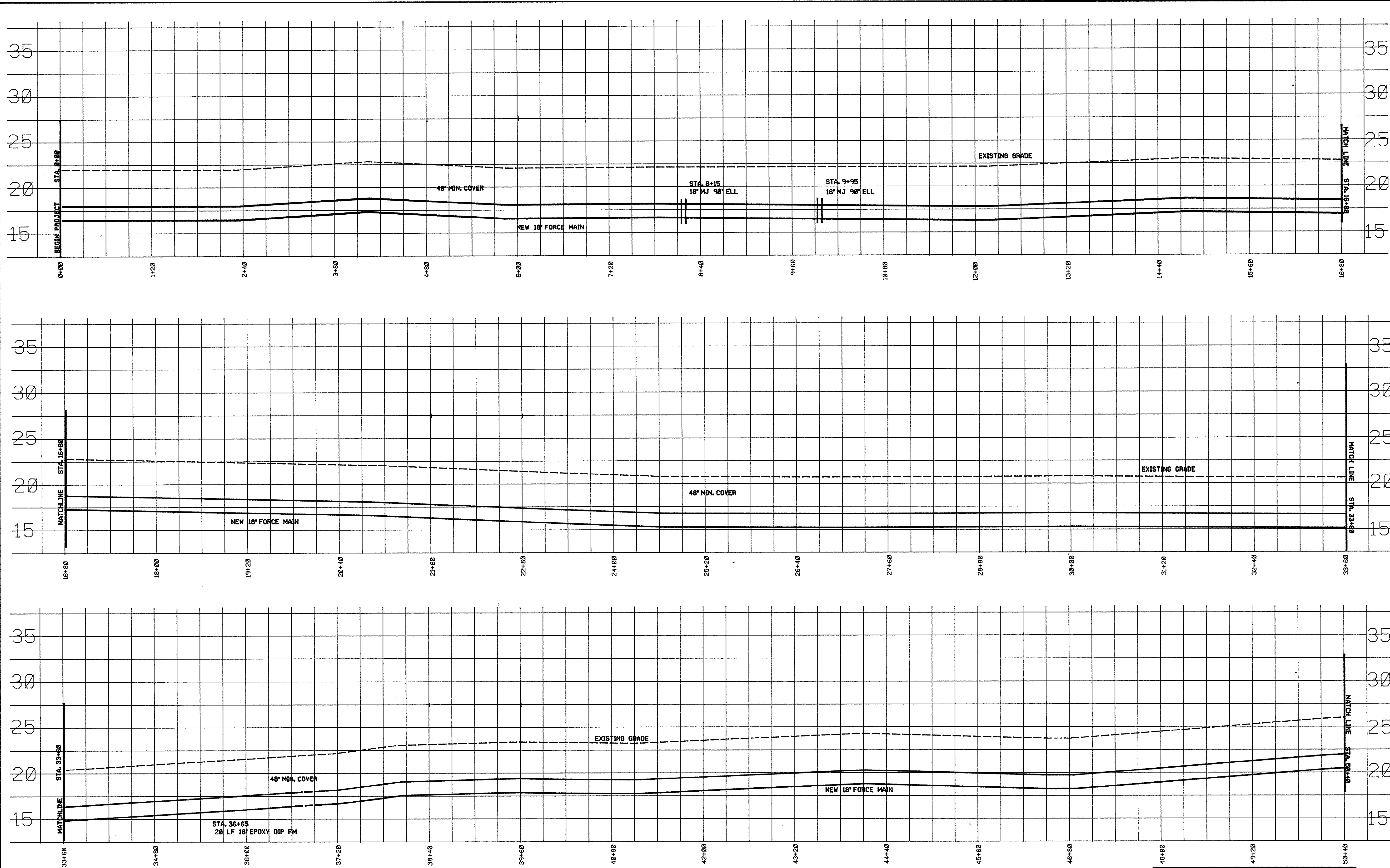
SCALE: 1" = 60'

FILENAME: GC-DIV.DGN

DRAWN BY	DAVID JOHNSON
CHECKED BY	JIM HEMBREE
APPROVED BY	<i>Fred Akel</i>
FRED E AKEL	P.E. #12859

SHEET 7 OF 13

DRAWING NO. 18-84-007/13-S



THESE DRAWINGS REFLECT -
AS-BUILT
 CONDITIONS

REVIEWED BY: *Jeff Bamblis* 9/1/95
 DATE: 9/1/95

REVIEWED BY: *Jim Hembree* 9/1/95
 DATE: 9/1/95

GRAND STRAND WATER AND SEWER AUTHORITY

REVISION		BY	DATE
11	AS-BUILT	DRT	3-95
21	AS-BUILT	AW	7-95

GARDEN CITY DIVERSION
FORCE MAIN
GRAND STRAND WATER & SEWER AUTHORITY

P.O. BOX 1187, CONWAY, SC 29586
 TELEPHONE (803) 447-4441 OR 448-1686

SC DHEC PERMIT #18,316-DW
 ISSUED 2-17-94
 PROJECT #08-692-01

DATE: JANUARY 26, 1993

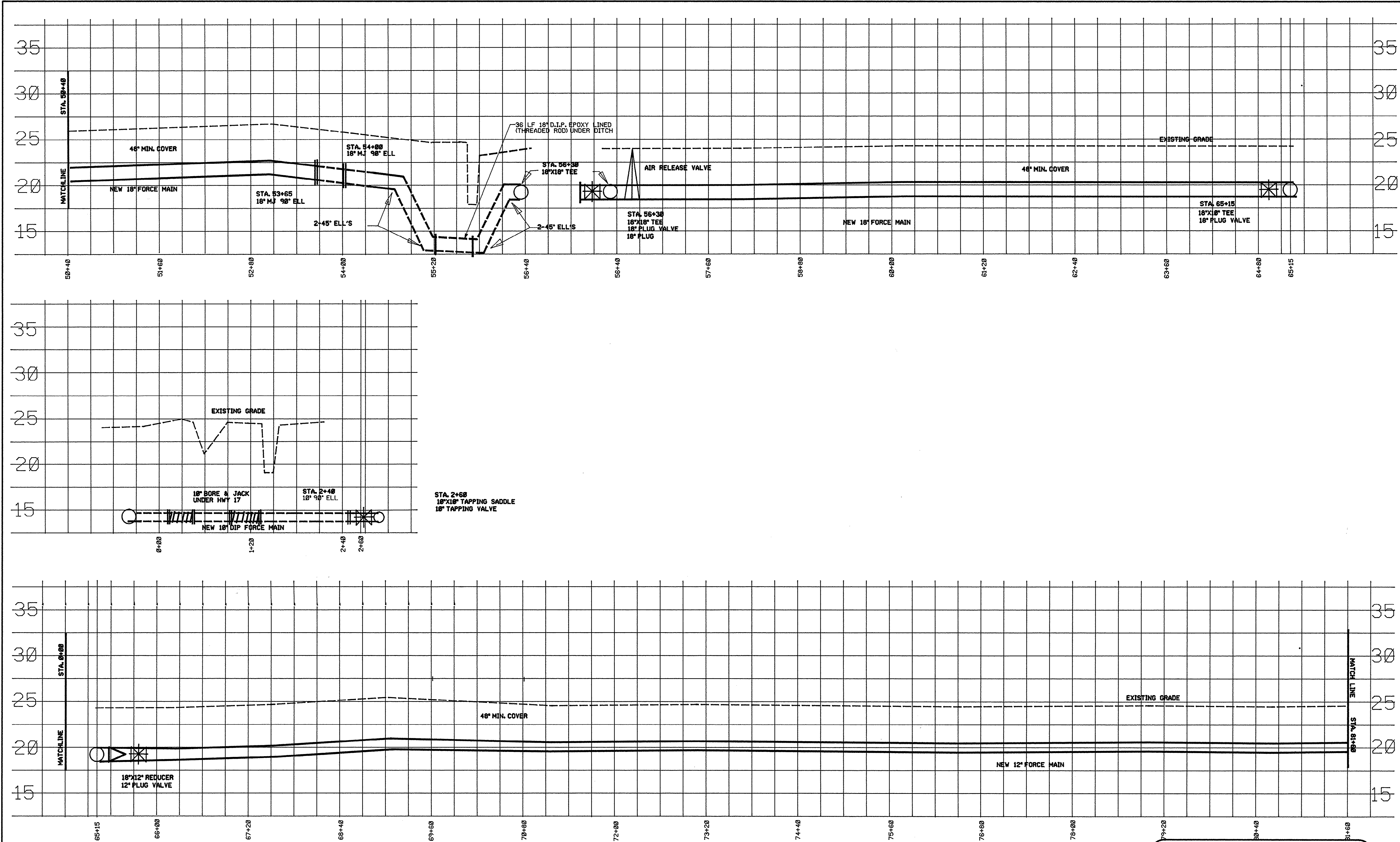
SCALE: HORIZ.: 1" = 60'
 VERT.: 1" = 5'

FILENAME: GC-DIV.DGN

DRAWN BY	DAVID JOHNSON
CHECKED BY	JIM HEMBREE
APPROVED BY	
<i>Fred E Akel</i>	
FRED E AKEL P.E. #12859	

SHEET 8 OF 13

DRAWING NO. 18-84-008/13-S



THESE DRAWINGS REFLECT
AS-BUILT
CONDITIONS

REVIEWED BY: Joe T. Barnhill 9-1-95
INSPECTIONS DATE

REVIEWED BY: James W. Hembree 9/1/95
ENGINEERING DATE

GRAND STRAND WATER AND SEWER AUTHORITY

REVISION		BY	DATE
1) AS-BUILT	AW	DRT	3-95
2) AS-BUILT	AW		7-95

GARDEN CITY DIVERSION FORCE MAIN

GRAND STRAND WATER & SEWER AUTHORITY

P.O. BOX 1857, CONWAY, SC 29526
TELEPHONE (803) 477-4641 OR 448-1486

SC DHEC PERMIT #18,316-DW
ISSUED 2-17-94

PROJECT #08-692-01

DATE: JANUARY 26, 1993

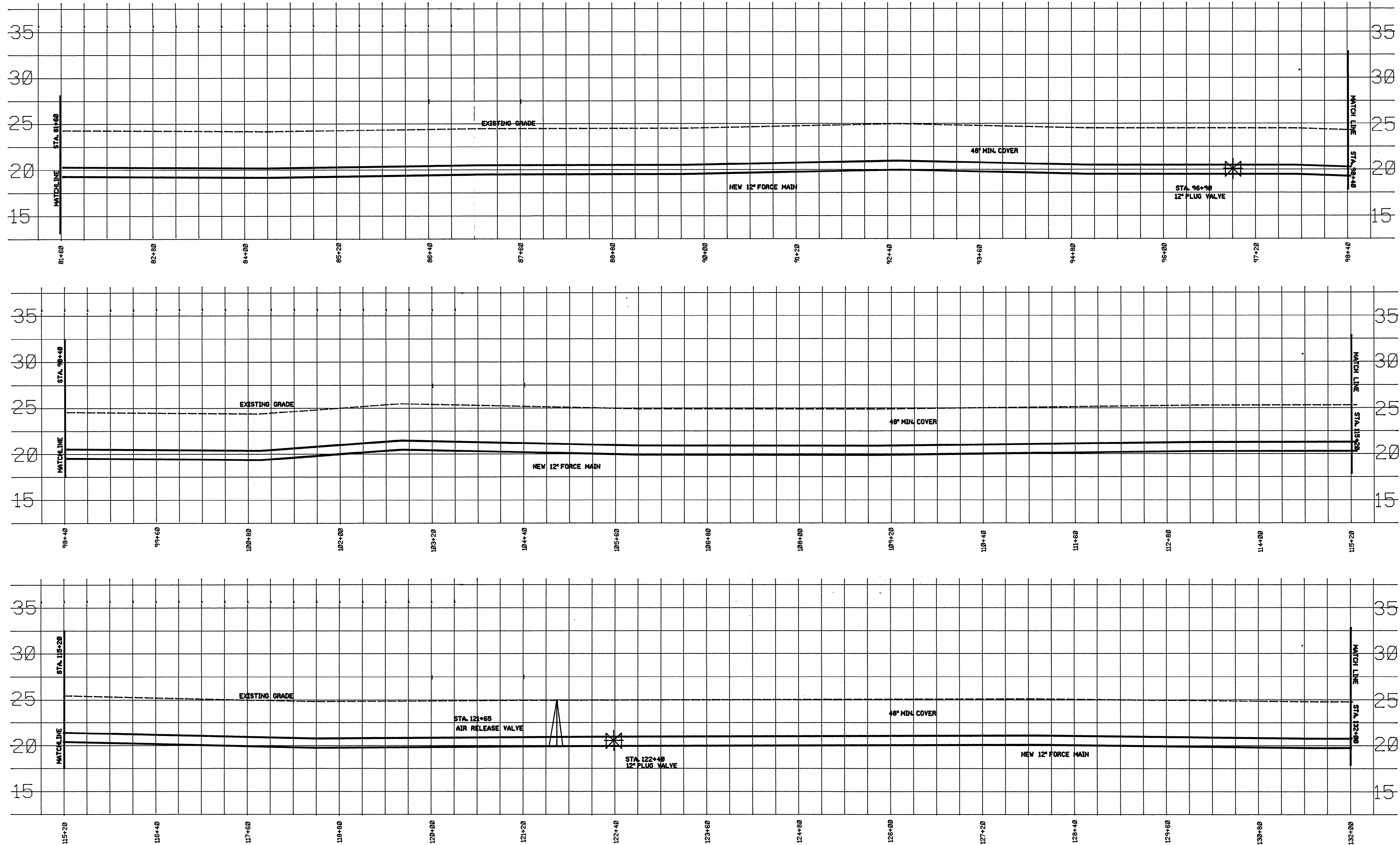
SCALE: HORIZ.: 1" = 60'
VERT.: 1" = 5'

FILENAME: GC-DIV.DGN

DRAWN BY	DAVID JOHNSON
CHECKED BY	JIM HEMBREE
APPROVED BY	<u>Fred E. Akel</u>
FRED E. AKEL P.E. #12859	

SHEET 9 OF 13

DRAWING NO. 18-84-009/13-S



THESE DRAWINGS REFLECT
AS-BUILT
CONDITIONS

REVIEWED BY: *Joe E. Bannister* 9-1-95
DATE: 9-1-95

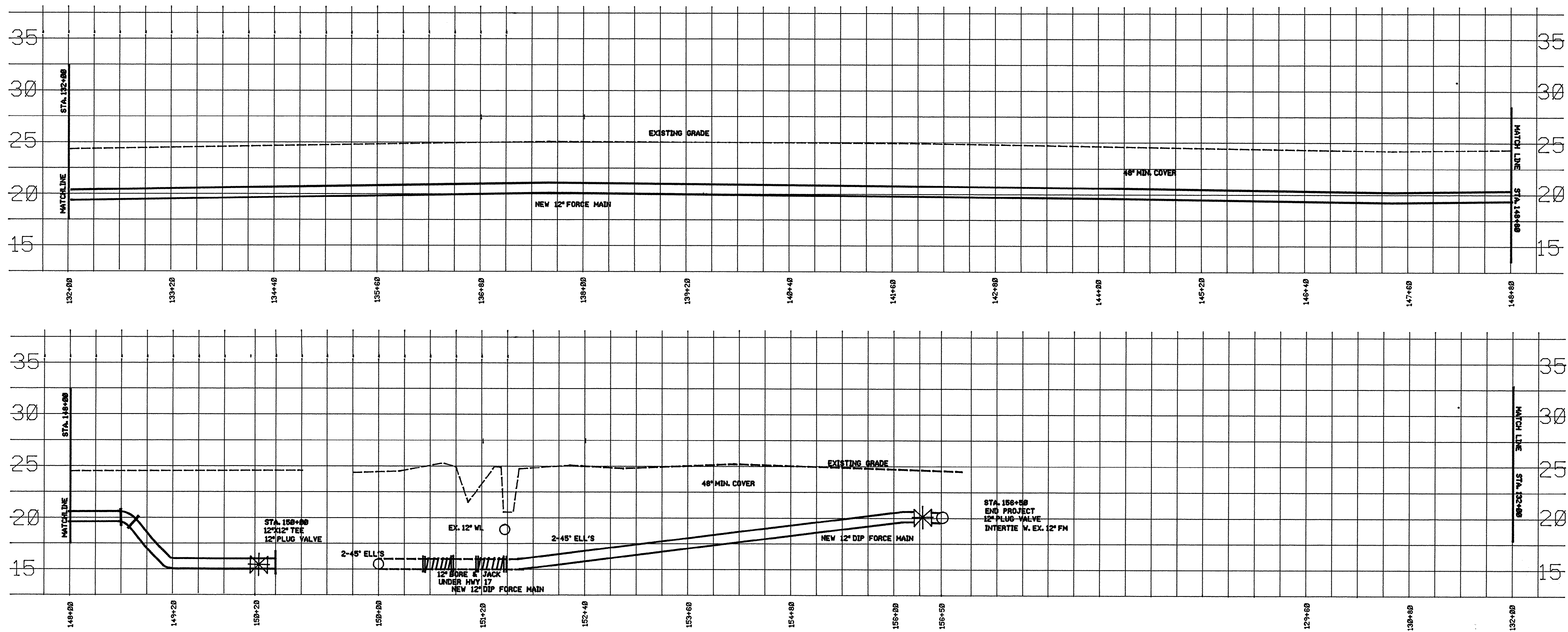
REVIEWED BY: *James W. Hatcher* 9/1/95
DATE: 9/1/95

GRAND STRAND WATER AND SEWER AUTHORITY

REVISION		BY	DATE
11	AS-BUILT	DRT	3-95
21	AS-BUILT	AW	7-95

GARDEN CITY DIVERSION FORCE MAIN	
GRAND STRAND WATER & SEWER AUTHORITY	
P.O. BOX 1187, CORNWAY, SC 29546 TELEPHONE (803) 474-4541 OR 448-1666	

SC DHEC PERMIT #18,316-DW ISSUED 2-17-94	
PROJECT #08-692-01	
DATE: JANUARY 26, 1993	
SCALE: HORIZ.: 1" = 60' VERT.: 1" = 5'	
FILENAME: GC-01V.DGN	
DRAWN BY	DAVID JOHNSON
CHECKED BY	JIM HEMBREE
APPROVED BY: <i>Fred E. Akel</i>	
FRED E. AKEL P.E. #12859	
SHEET 10 OF 13	
DRAWING NO. 18-84-010/13-S	



THESE DRAWINGS REFLECT
AS-BUILT
CONDITIONS

REVIEWED BY: *Jeff Bamschill* 9-1-95
DATE: 9-1-95

REVIEWED BY: *James Hembree* 9/1/95
DATE: 9/1/95

GRAND STRAND WATER AND SEWER AUTHORITY

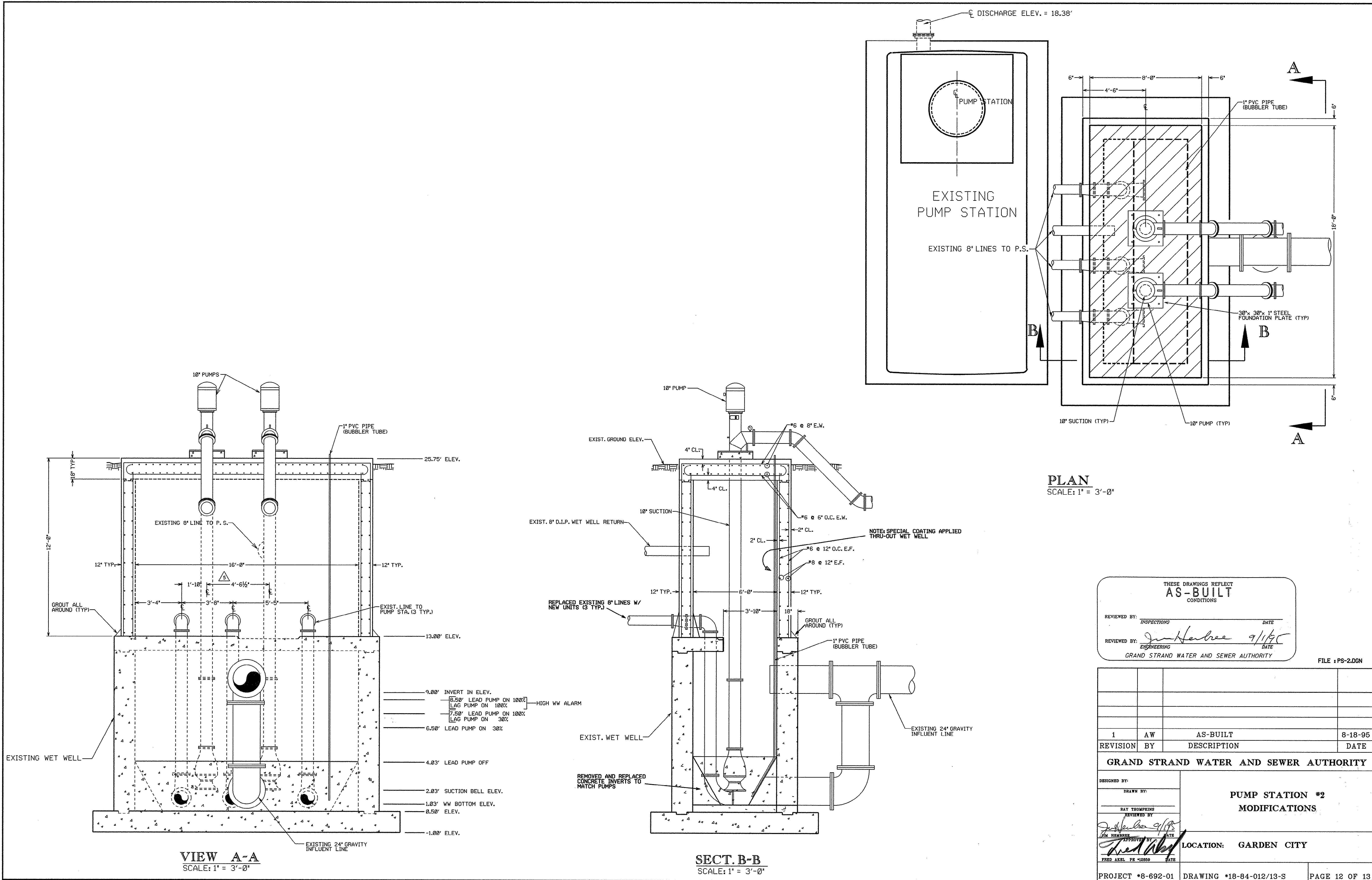
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PROJECT #08-692-01	
DATE: JANUARY 26, 1993	
SCALE: HORIZ. : 1" = 60' VERT. : 1" = 5'	
FILENAME: GC-01V.DGN	
DRAWN BY	DAVID JOHNSON
CHECKED BY	JIM HEMBREE
APPROVED BY <i>Fred E Akel</i> FRED E AKEL P.E. #12859	
SHEET 11 OF 13	
DRAWING NO. 18-84-011/13-S	

**GARDEN CITY DIVERSION
FORCE MAIN**

GRAND STRAND WATER & SEWER AUTHORITY

P.O. BOX 187, CONWAY, SC 29538
TELEPHONE 803 347-6411 OR 48-1866

REVISION		BY	DATE
1)	AS-BUILT	DRT	3-95
2)	AS-BUILT	AW	7-95



PLAN
SCALE: 1" = 3'-0"

THESE DRAWINGS REFLECT
AS-BUILT
CONDITIONS

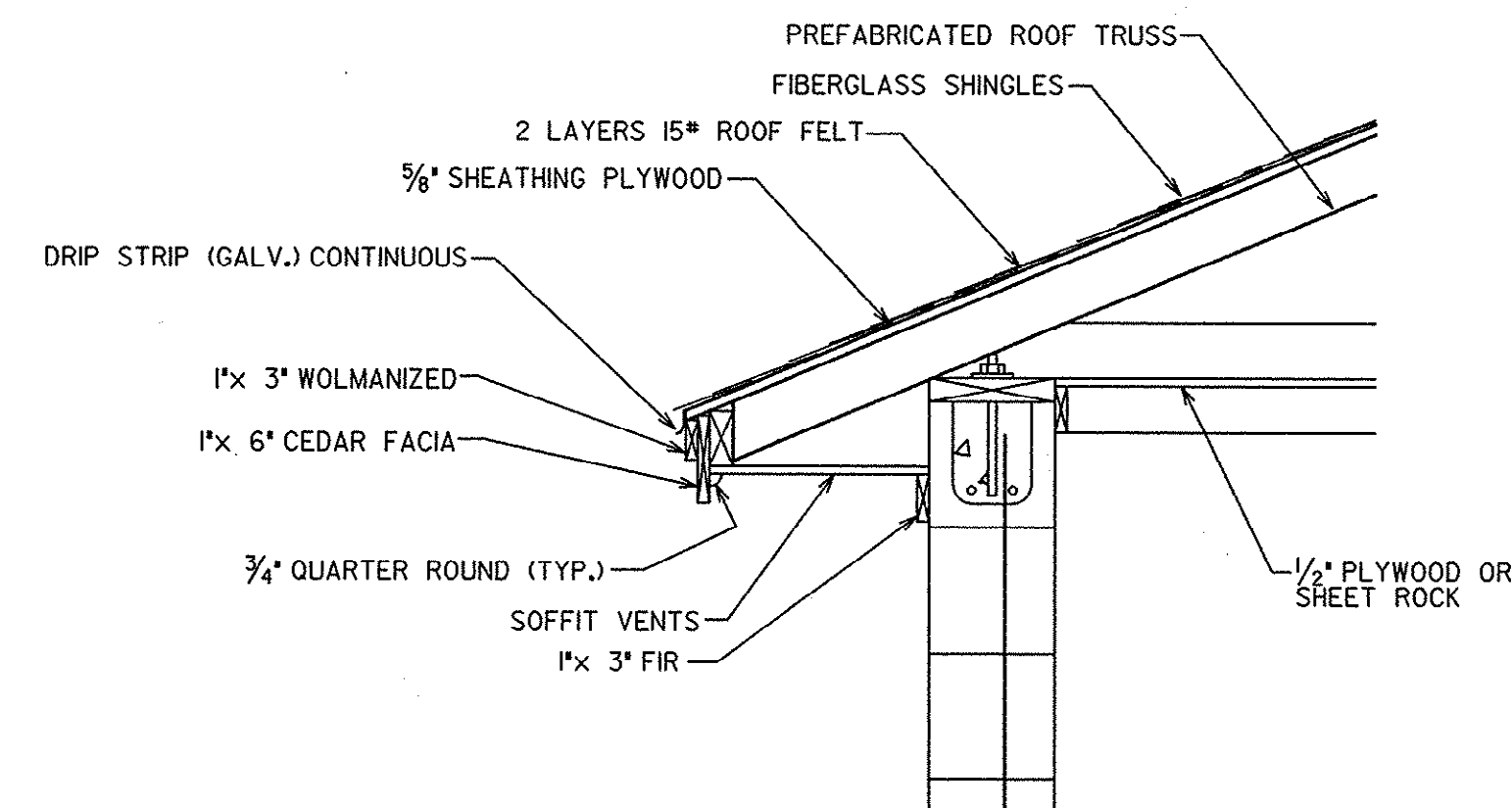
REVIEWED BY: _____ DATE: _____
INSPECTIONS

REVIEWED BY: *John Harbree* 9/1/95 DATE: _____
ENGINEERING

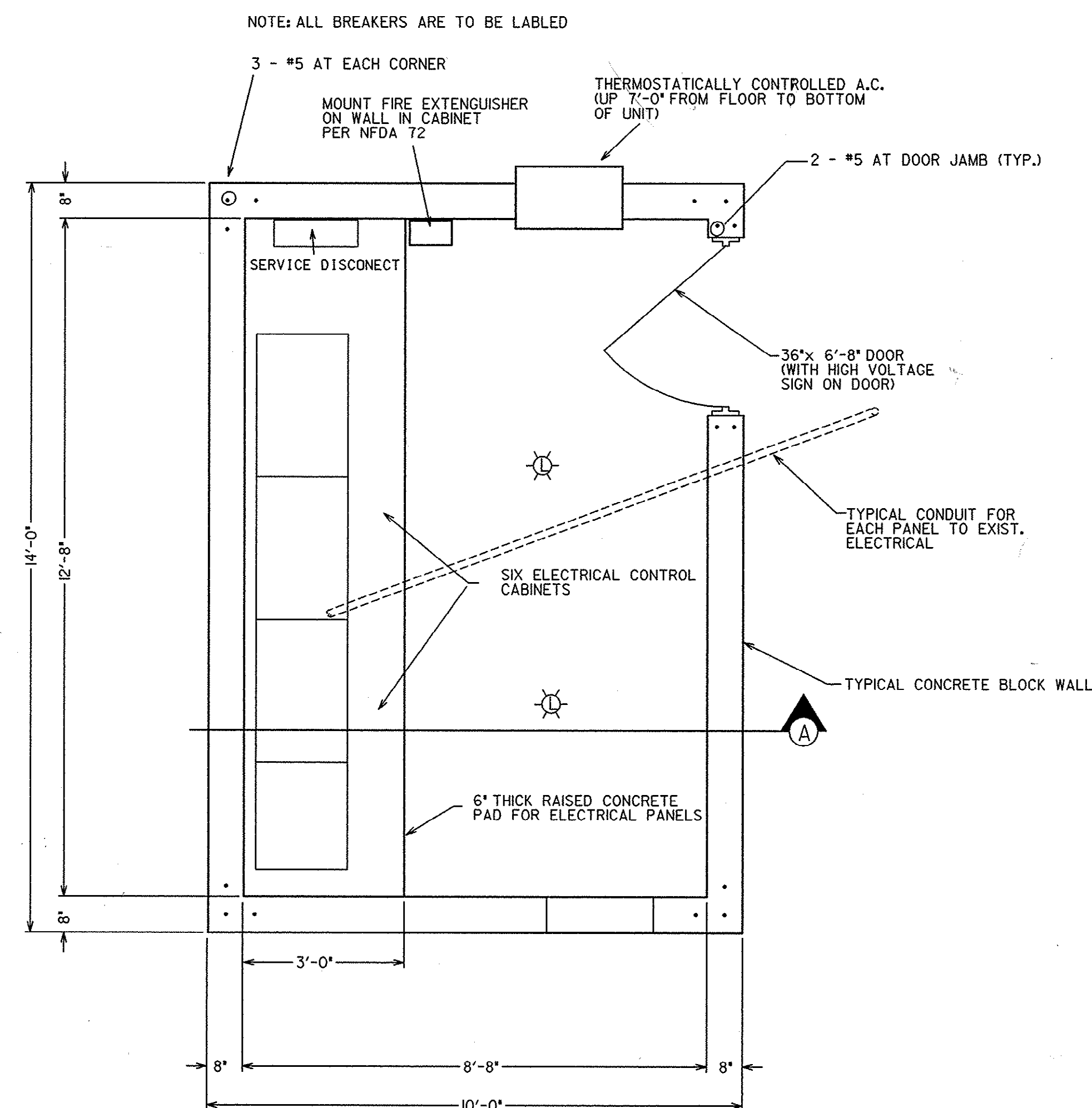
GRAND STRAND WATER AND SEWER AUTHORITY

FILE: PS-2.DGN

1	AW	AS-BUILT	8-18-95
REVISION	BY	DESCRIPTION	DATE
GRAND STRAND WATER AND SEWER AUTHORITY			
DESIGNED BY:		PUMP STATION #2 MODIFICATIONS	
DRAWN BY:			
RAY THOMPSON			
REVIEWED BY:			
 9/1/95		DATE	
APPROVED BY:		LOCATION: GARDEN CITY	
		DATE	
FRED AKEL PE #12959		DATE	
PROJECT #8-692-01		DRAWING #18-84-012/13-S	
		PAGE 12 OF 13	

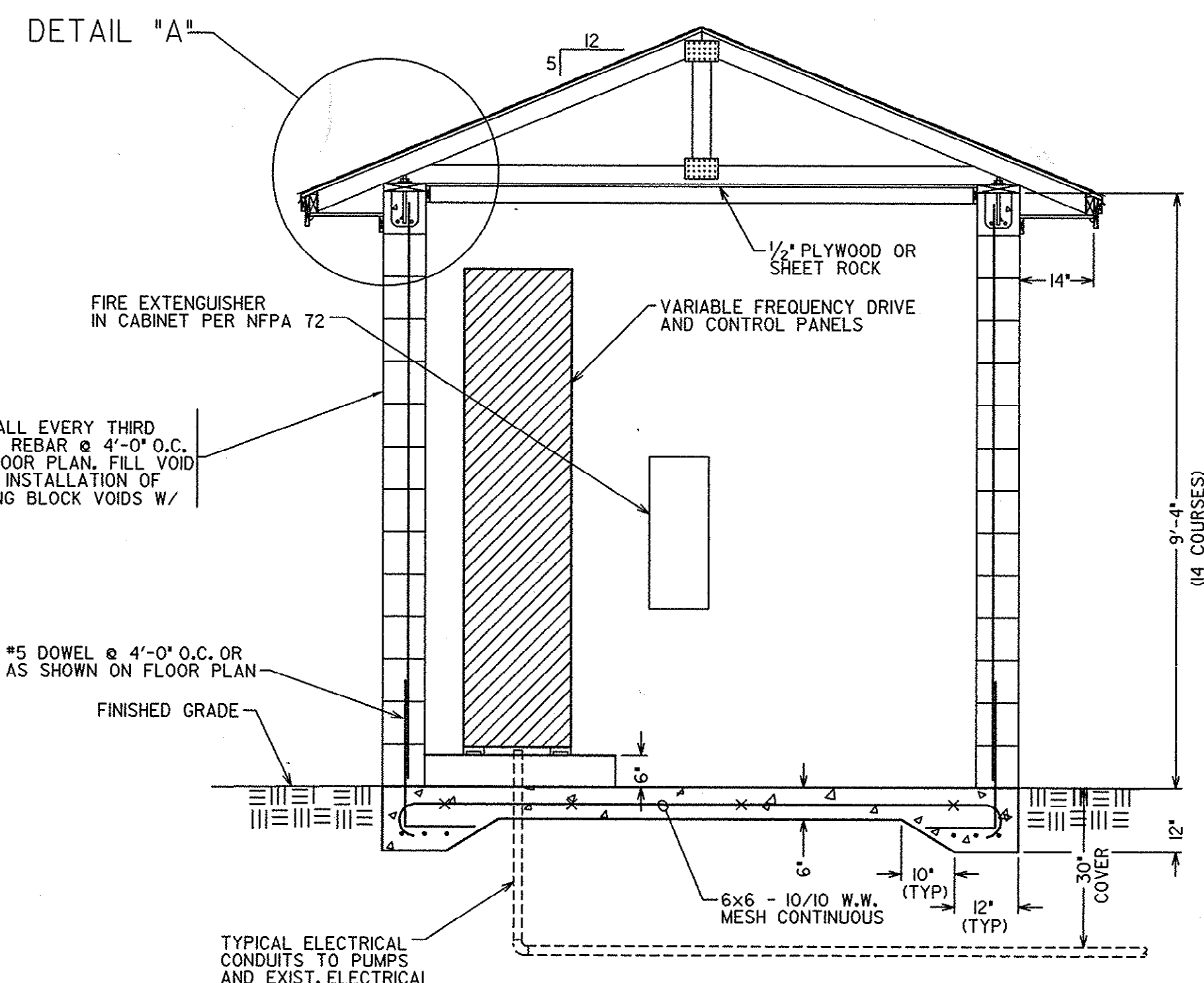


DETAIL "A"
SCALE: 1" = 1'-0"

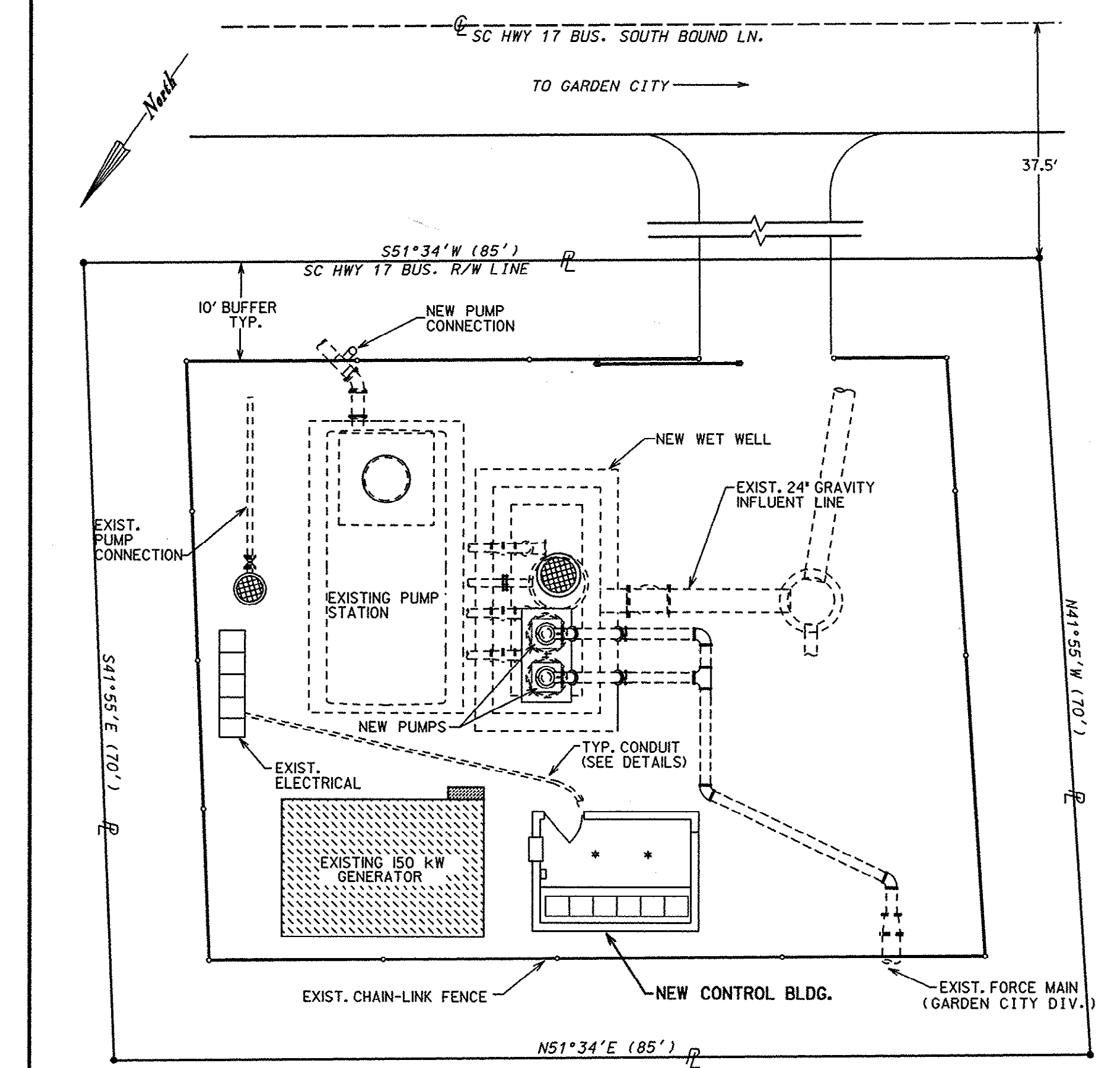


CONTROL ROOM FLOOR PLAN
SCALE: 1/2" = 1'-0"

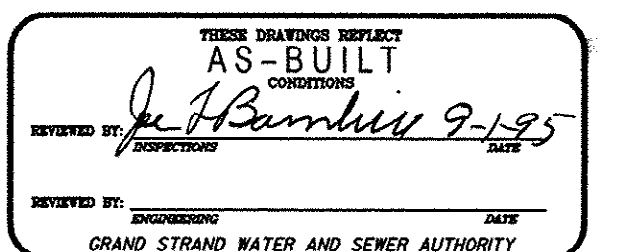
- NOTES:
- 1) ELECTRICAL SERVICE CONDUIT FLOOR PENETRATIONS TO BE INSTALLED AS REQUIRED BY EQUIPMENT CONFIGURATION AND NATIONAL ELECTRIC CODE.
 - 2) EXISTING ON-SITE PUMP STATION GENERATOR TO BE CONNECTED TO THIS FACILITY. INCLUDES LIGHTS.
 - 3) ALL WORK TO BE IN COMPLIANCE WITH ALL CODES AND STANDARDS ADOPTED BY Horry COUNTY.



SECTION "A"
SCALE: 1/2" = 1'-0"



SITE PLAN
SCALE: 1" = 10'



1	AW	AS-BUILT	8-15-95
REV.	BY	DESCRIPTION	DATE
GRAND STRAND WATER AND SEWER AUTHORITY			
DRAWN BY: <i>R. Thompson</i> R. THOMPSON		PUMP STATION No. 2 MODIFICATIONS AND NEW CONTROL BUILDING	
REVIEWED BY: <i>J. Hembree</i> J. HEMBREE		(MARCH 1995)	
APPROVED BY: <i>Fred Axel</i> FRED AXEL PE #12859		LOCATION: GARDEN CITY (HWY 17 BUS.)	
PROJECT # 08-692-01		DRAWING # 18-84-013/13-S	
		SHEET 13 OF 13	

FILE: CNTRLM.DGN