

TYPICAL SECTION  
INTERIM SWALE &  
LATERAL SWALE

NOTE: ELEVATIONS IN THIS AREA ARE CHANGING DUE TO ON-GOING LANDFILL OPERATIONS

**LEGEND**

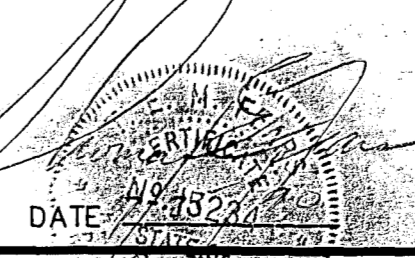
—	EXISTING	---	PROPOSED
—	PROPERTY LINE	---	FUTURE EDGE OF ROAD
115	CONTOUR	---	CONSTRUCTION LIMIT
115	CONTOUR	---	CONTOUR

**REVISIONS**

BY	DATE	BY	DATE

	PRELIMINARY	DESIGN	
BY	DATE	BY	DATE
DRAWN	GJG 3-90	GJG 3-90	
DESIGNED	GJG 3-90	TEF 3-90	
CHECKED			

CITRUS COUNTY  
DEPARTMENT OF TECHNICAL SERVICES  
DIVISION OF ENGINEERING  
1300 SOUTH LECANTO HIGHWAY  
LECANTO, FLORIDA 32661  
PHONE (904) 746-2694

APPROVED BY:  
  
DATE: 10/28/92

**80 ACRE LANDFILL  
ENTRANCE  
SITE PLAN-SOUTH**

PROJECT NO.  
90-100  
SCALE:  
1"=20'  
SHEET 7  
OF 23  
FILE:

SECTION 1 TOWNSHIP 19 RANGE 18

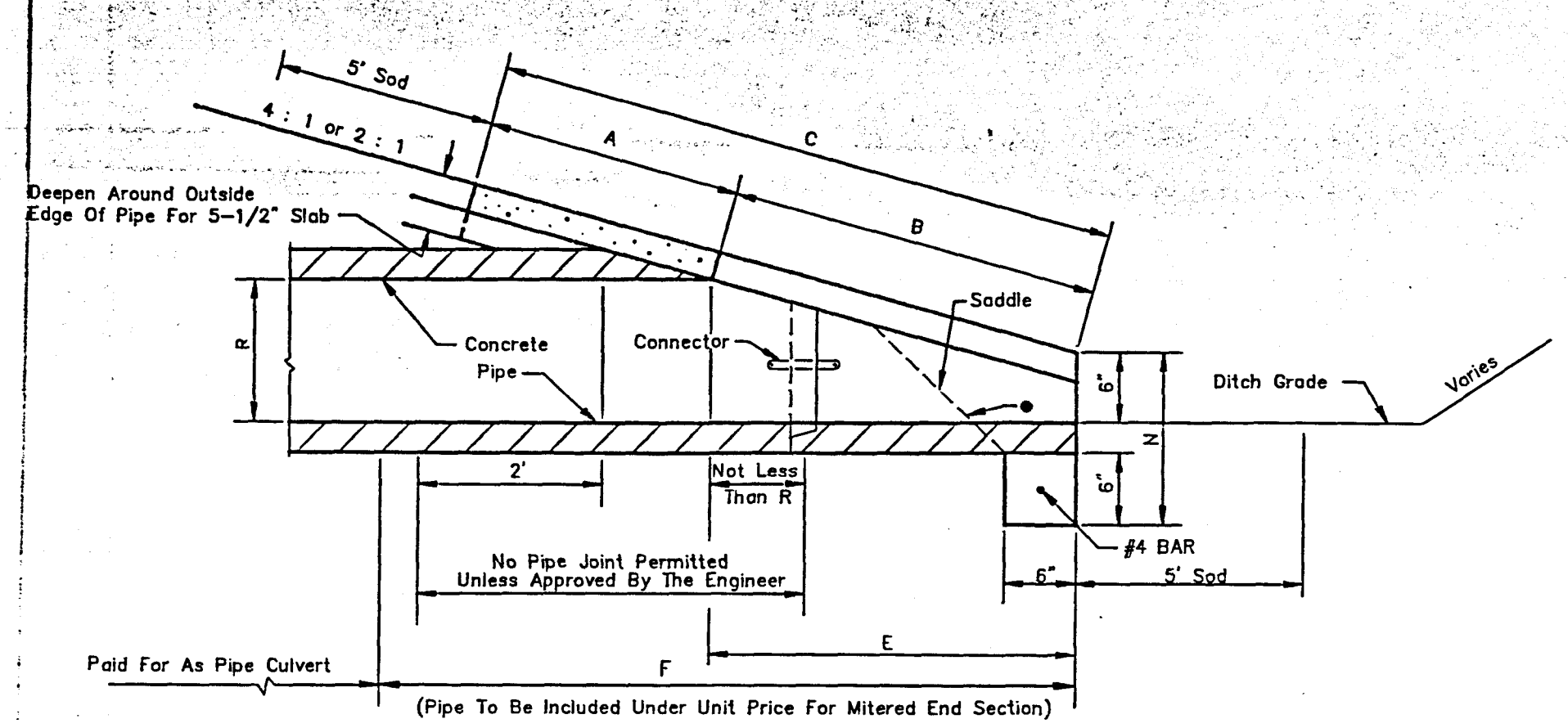
D. E. R.

JUL 25 1990

SOUTHWEST DISTRICT  
TAMPA

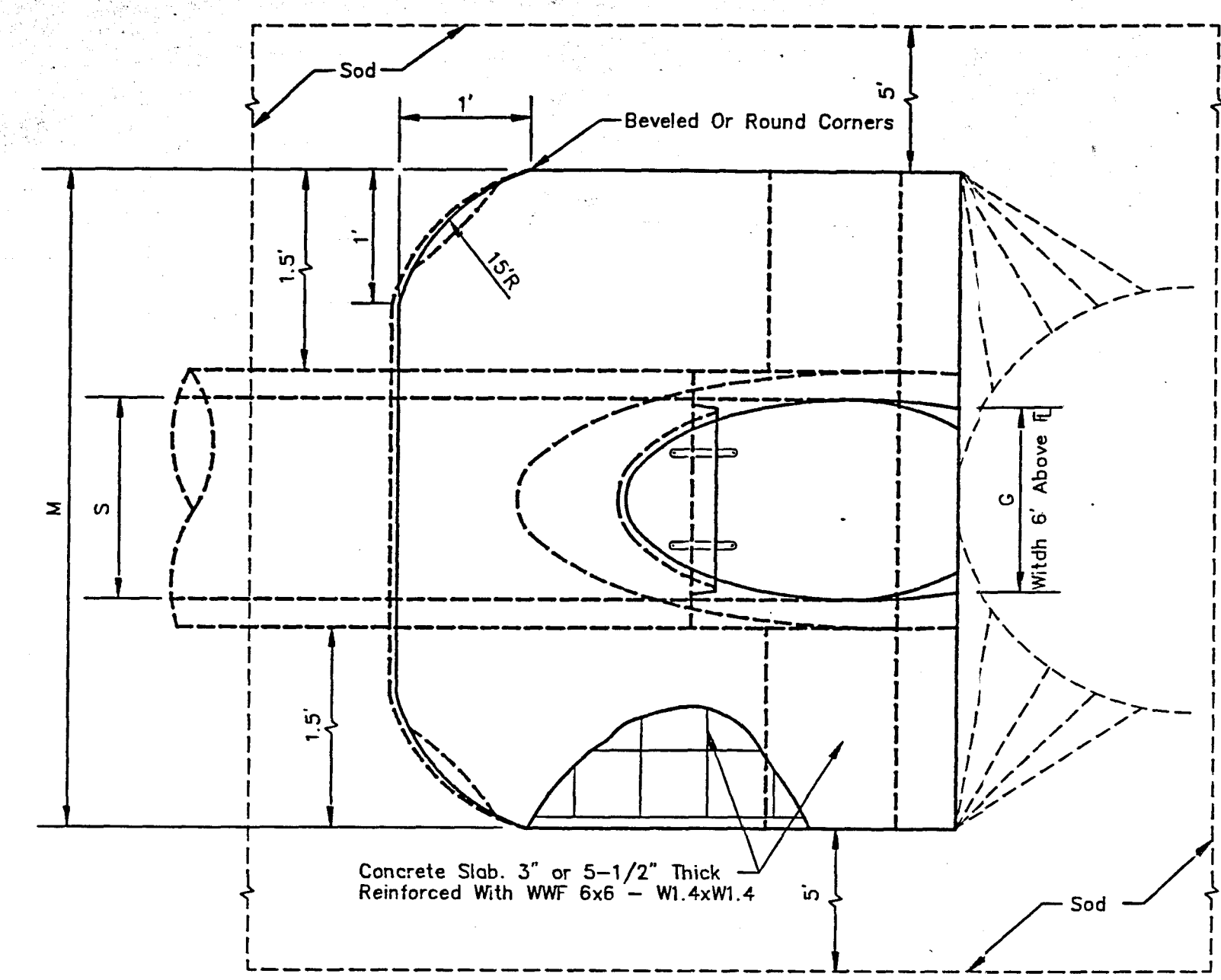


(2)



SECTION VIEW  
N.T.S.

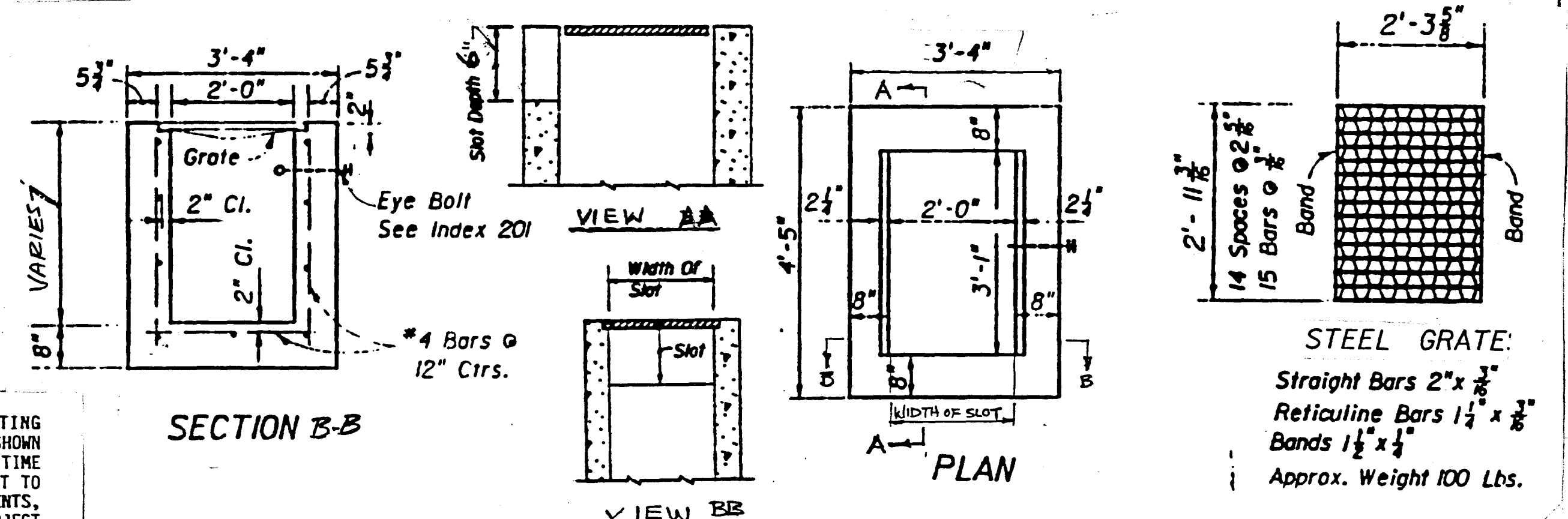
- Slope:
  - 4 : 1 Miter: To Major Axis For Pipes 24" X 38" And Smaller
  - 2 : 1 For Pipes 29" X 45" And Larger
  - 2 : 1 Miter: To Major Axis For Pipes 29" X 45" And Smaller
  - 1 : 1 For Pipes 34" X 53" And Larger



TOP VIEW - SINGLE PIPE  
N.T.S.

MITERED END SECTION

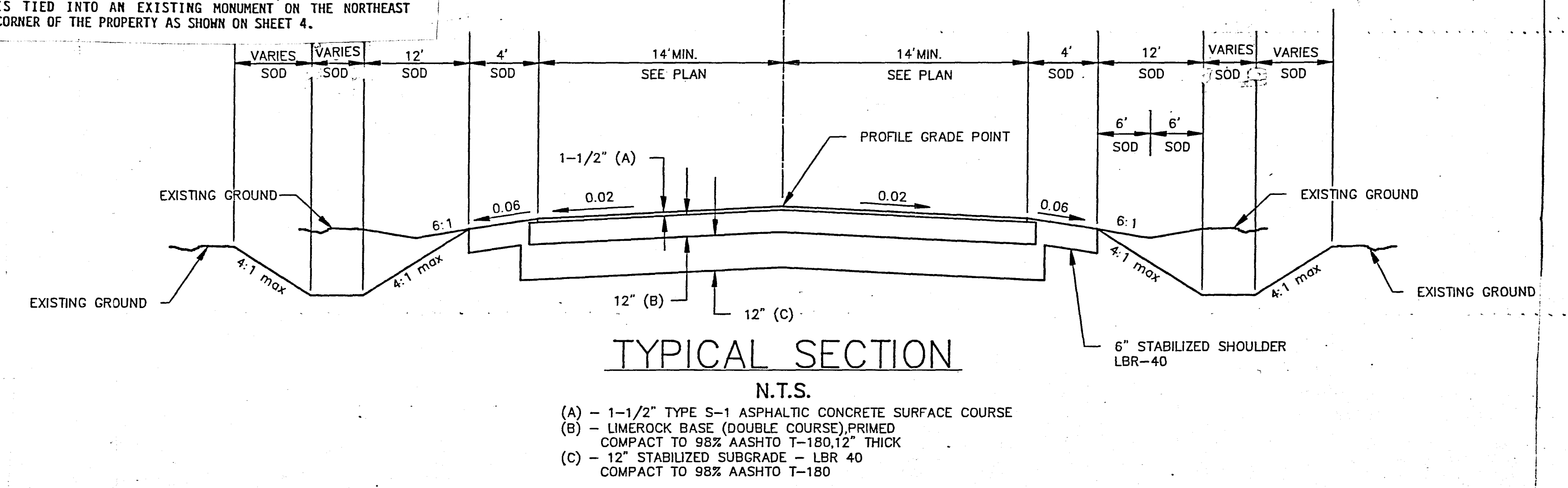
		DIMENSIONS & QUANTITIES FOR ELLIPTICAL CONCRETE PIPE																							
Rise R	Span S	M												3" CONC. SLAB (CY)				5-1/2" CONC. SLAB (CY)				SODDING (SQ. YDS.)			
		X	A	B	C	E	F	G	Single Pipe	Double Pipe	Triple Pipe	Quad. Pipe	Single Pipe	Double Pipe	Triple Pipe	Quad. Pipe	Single Pipe	Double Pipe	Triple Pipe	Quad. Pipe					
12"	18"	2'-10"	1.97'	1.62'	3.59'	1.56'	4'	1.50'	4.92'	7.75'	10.58'	13.42'	1.21'	0.19	0.33	0.45	0.57	0.30	0.49	0.67	0.85	21	24	27	30
14"	23"	3'-4"	2.01'	1.99'	4.00'	1.89'	5'	1.90'	5.38'	8.71'	12.04'	15.38'	1.23'	0.25	0.40	0.55	0.69	0.37	0.59	0.81	1.02	22	26	29	33
19"	30"	4'-0"	2.11'	2.92'	5.03'	2.73'	6'	2.37'	6.04'	10.04'	14.04'	18.04'	1.27'	0.34	0.55	0.75	0.95	0.50	0.80	1.09	1.39	24	28	33	37
24"	38"	5'-0"	2.20'	3.85'	6.05'	3.56'	7'	2.85'	6.79'	11.79'	16.79'	21.79'	1.31'	0.43	0.71	1.00	1.28	0.62	1.03	1.45	1.86	26	31	37	42
29"	45"	5'-11"	2.34'	4.79'	7.13'	4.39'	8'	3.19'	7.50'	13.42'	19.33'	25.25'	1.38'	0.52	0.90	1.27	1.65	0.75	1.30	1.84	2.39	28	34	41	47
34"	53"	7'-0"	2.43'	5.72'	8.15'	5.23'	9'	3.57'	8.25'	15.25'	22.25'	29.25'	1.42'	0.62	1.11	1.60	2.09	0.90	1.61	2.32	3.03	30	37	45	53
38"	60"	7'-10"	2.52'	6.46'	8.98'	5.89'	9'	3.95'	8.92'	16.75'	24.58'	32.42'	1.46'	0.70	1.29	1.87	2.46	1.03	1.89	2.74	3.60	31	40	49	57
43"	68"	8'-11"	2.62'	7.39'	10.01'	6.73'	10'	4.28'	9.67'	18.58'	27.50'	36.42'	1.50'	0.81	1.54	2.26	2.99	1.19	2.26	3.33	4.40	33	43	53	63
48"	76"	9'-11"	2.71'	8.33'	11.04'	7.56'	11'	4.59'	10.42'	20.33'	30.25'	40.17'	1.54'	0.93	1.79	2.66	3.53	1.38	2.65	3.93	5.21	35	46	57	68
53"	83"	10'-8"	2.80'	9.26'	12.06'	8.39'	12'	4.77'	11.08'	21.75'	32.42'	43.08'	1.58'	1.04	2.04	3.03	4.02	1.55	3.03	4.50	5.96	37	49	61	73
58"	91"	11'-8"	2.90'	10.19'	13.09'	9.23'	13'	5.01'	11.83'	23.50'	35.17'	46.83'	1.63'	1.17	2.33	3.49	4.66	1.75	3.47	5.20	6.93	39	52	65	78
12"	18"	2'-10"	2.36'	3.06'	5.42'	3.03'	5'	1.50'	4.92'	7.75'	10.58'	13.42'	1.21'	0.30	0.45	0.61	0.76	0.45	0.68	0.92	1.14	23	26	29	32
14"	23"	3'-4"	2.44'	3.75'	6.19'	3.70'	6'	1.90'	5.38'	8.71'	12.04'	15.38'	1.23'	0.36	0.56	0.76	0.95	0.53	0.83	1.13	1.42	24	28	32	35
19"	30"	4'-0"	2.62'	5.47'	8.09'	5.36'	8'	2.37'	6.04'	10.04'	14.04'	18.04'	1.27'	0.51	0.79	1.08	1.36	0.74	1.15	1.57	1.98	27	32	36	40
24"	38"	5'-0"	2.79'	7.18'	9.97'	7.03'	10'	2.85'	6.79'	11.79'	16.79'	21.79'	1.31'	0.68	1.10	1.53	1.96	0.97	1.57	2.19	2.81	30	36	41	47
29"	45"	5'-11"	3.05'	8.90'	11.95'	8.70'	12'	3.19'	7.50'	13.42'	19.33'	25.25'	1.38'	0.86	1.45	2.04	2.63	1.22	2.07	2.92	3.77	33	40	46	53
34"	53"	7'-0"	3.22'	10.62'	13.84'	10.36'	13'	3.57'	8.25'	15.25'	22.25'	29.25'	1.42'	1.02	1.81	2.60	3.39	1.48	2.62	3.77	4.92	36	44	52	59
38"	60"	7'-10"	3.39'	11.99'	15.38'	11.70'	15'	3.95'	8.92'	16.75'	24.58'	32.42'	1.46'	1.18	2.14	3.10	4.05	1.72	3.12	4.53	5.92	38	47	56	65
43"	68"	8'-11"	3.56'	13.71'	17.27'	13.36'	17'	4.28'	9.67'	18.58'	27.50'	36.42'	1.50'	1.38	2.58	3.79	4.99	2.02	3.78	5.56	7.32	41	51	61	71
48"	76"	9'-11"	3.73'	15.43'	19.16'	15.03'	19'	4.59'	10.42'	20.33'	30.25'	40.17'	1.54'	1.59	3.05	4.51	5.97	2.34	4.49	6.64	8.79	44	55	66	77
53"	83"	10'-8"	3.91'	17.15'	21.06'	16.70'	20'	4.77'	11.08'	21.75'	32.42'	43.08'	1.58'	1.80	3.50	5.19	6.88	2.66	5.17	7.66	10.16	47	59	71	83
58"	91"	11'-8"	4.08'	18.78'	22.95'	18.36'	22'	5.01'	11.83'	23.50'	35.17'	46.83'	1.63'	2.04	4.04	6.05	8.05	3.02	5.98	8.95	11.90	50	63	76	89



GENERAL NOTES

- SOD ALL DISTURBED SURFACE AREAS INCLUDING D.R.A. BOTTOMS.
- AREAS TO BE SODDED SHALL BE FINISHED 2" BELOW DESIGN GRADE TO RECEIVE SOD.
- AREAS WITH SIDE SLOPES STEEPER THAN 3:1 MAY REQUIRE STAKING.
- UNITED TELEPHONE SYSTEM HAS BURIED CABLE WITHIN THE PROJECT AREA. CONTRACTOR SHALL COORDINATE ALL NECESSARY WORK AND ANY POSSIBLE COSTS SHALL BE INCIDENTAL TO THE PROJECT.
- CONTRACTOR IS RESPONSIBLE TO USE HAY BALES OR FABRIC SILT BARRIERS DURING CONSTRUCTION TO PREVENT ADVERSE RUNOFF QUANTITY AND QUALITY OFFSITE.
- ALL PAVED APRON APPROACHES SHALL ALIGN WITH EXISTING DRIVES UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL MOVE MAILBOXES AS NEEDED TO ACCOMMODATE MAIL DELIVERY DURING AND AFTER CONSTRUCTION. MAILBOXES SHALL BE RELOCATED TO AS CLOSE AS POSSIBLE AND AS PRACTICAL TO ITS ORIGINAL POSITION.
- IF EXISTING SIGNAGE IN PROJECT IS DISTURBED, CONTRACTOR SHALL SALVAGE AND PLACE OR REPLACE AS DIRECTED BY THE ENGINEER.
- UTILITIES CONTACTS:  
U.T.F. PHYSICAL LOCATION 1-800-542-0088  
INVERNESS ENGR. 726-4900  
F.P.C. INVERNESS ENGR. 726-2461  
(LOCATION SERVICE-REQUIRES 48 HRS. NOTICE)
- GOVERNING SPECIFICATIONS ARE "CONTRACT DOCUMENTS AND SPECIFICATIONS OF CITRUS COUNTY, FLORIDA"
- SIGNS SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES".

- LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE DRAWINGS BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT. THERE MAY BE OTHER IMPROVEMENTS, UTILITIES, EARTHWORK, ETC. WHICH ARE WITHIN THE PROJECT AREA WHICH HAVE BEEN IMPLEMENTED SINCE THE PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL VERIFY, PRIOR TO CONSTRUCTION, THE LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES (WHETHER OR NOT SHOWN ON THE DRAWINGS) AFFECTING HIS WORK.
- THE INFORMATION PROVIDED IN THESE DRAWINGS, REGARDING EXISTING CONDITIONS, IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE, AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF THE WORK. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT WHATEVER INVESTIGATIONS THEY MAY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH THEIR BIDS WILL BE BASED.
- ALL ELEVATIONS ARE BASED ON THE NGVD SYSTEM.
- THE GRID/COORDINATE SYSTEM IS INDEPENDENT OF NATIONAL, STATE OR LOCAL GRID SYSTEM. THE GRID/COORDINATE SYSTEM IS TIED INTO AN EXISTING MONUMENT ON THE NORTHEAST CORNER OF THE PROPERTY AS SHOWN ON SHEET 4.



7/25/90

To: Mr. Kim Ford

F.D.E.R., Tampa

Re: Revised sheets #7 & #10

(Transmittal letter under separate cover)

From: J. Francis

D.E.R.

JUL 25 1990

SOUTHWEST DISTRICT TAMPA