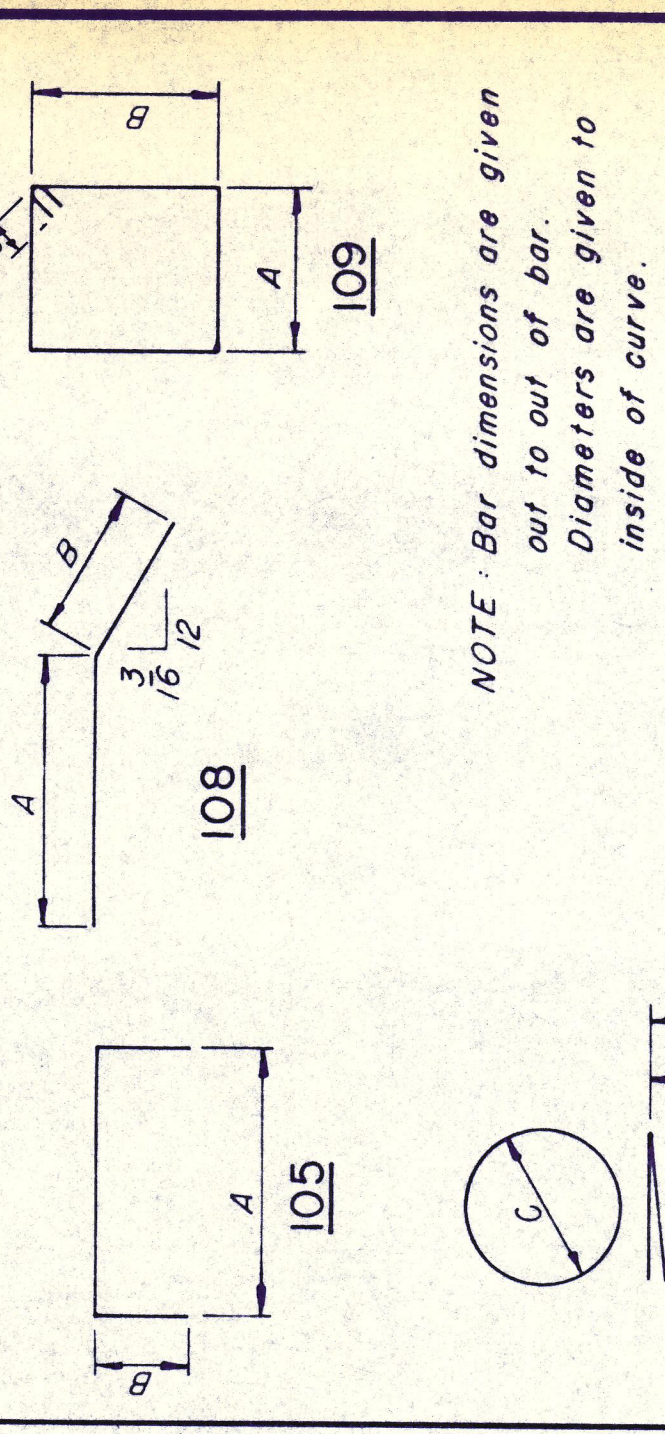


BILL OF REINFORCING STEEL

MARK	NO.	LENGTH	TYPE	DIMENSIONS			WEIGHT
				A	B	C	
301	8	186'-6"	1/8	28	12'-2"	2'-1 1/4"	561
401	104	9'-3"	109	2'-3"	2'-0"	0'-4 1/2"	643
402	20	33'-1"	51r				452
403	10	35'-1"	51r				234
404	8	8'-9"	51r				47
501	2	33'-11"	51r				71
502	1	35'-1"	51r				37
503	82	11'-9"	105	0'-7"	5'-7"		1005
504	20	12'-11"	105	0'-7"	6'-2"		269
901	64	17'-9"	51r				3,862
1101	14	53'-5"	108	49'-10"	3'-7"		3,973
TOTAL							11,154

BAR BENDING DIAGRAMS



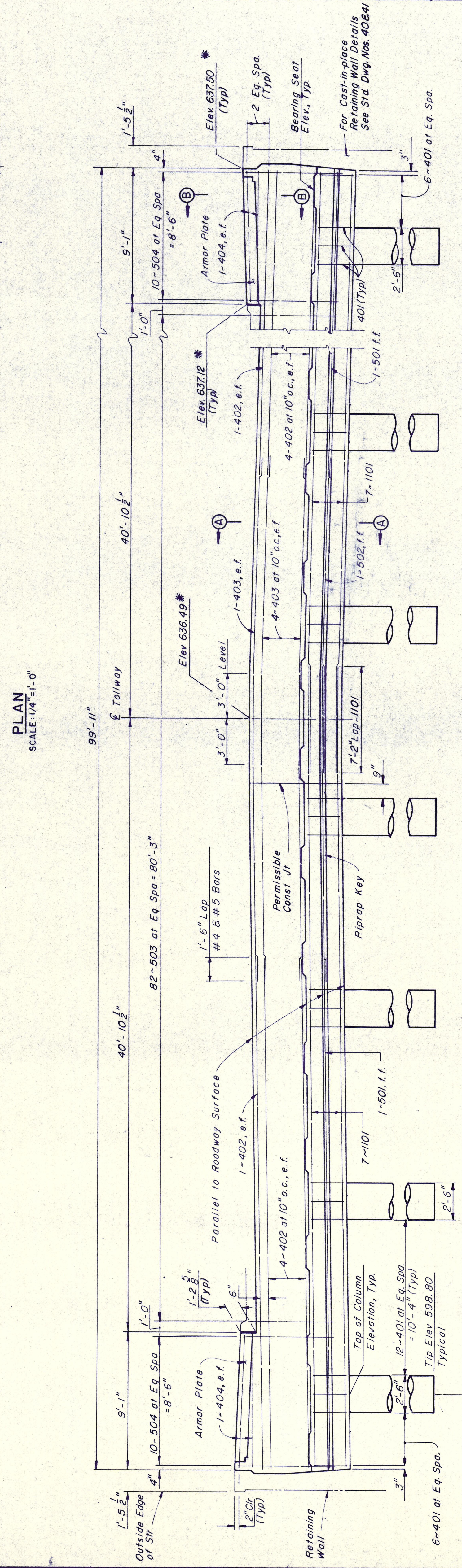
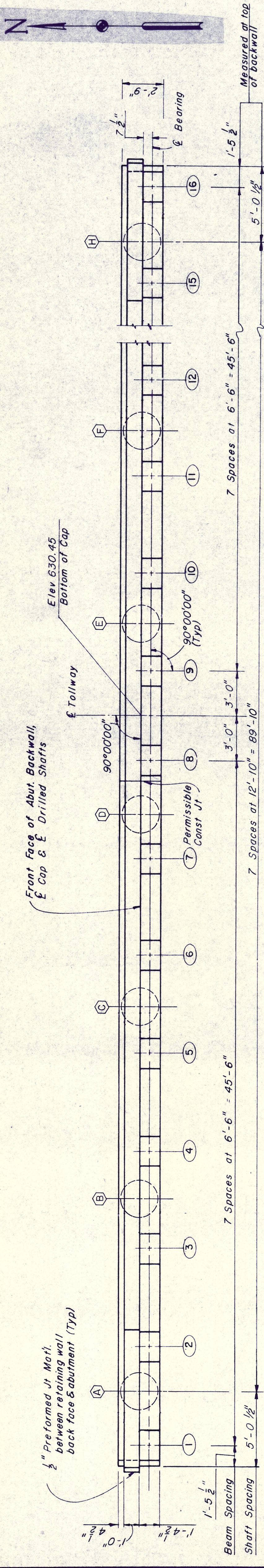
ESTIMATED QUANTITY SUMMARY

ITEM NO	DESCRIPTION	UNIT	QUANTITY
416	Drilled Shaft (30" Ø)	LF	151
421	Class C Concrete (Abutment)	CY	62.0
440	Reinforcing Steel	Lb	11,154
556	Filter Material (Type D)	CY	27.3

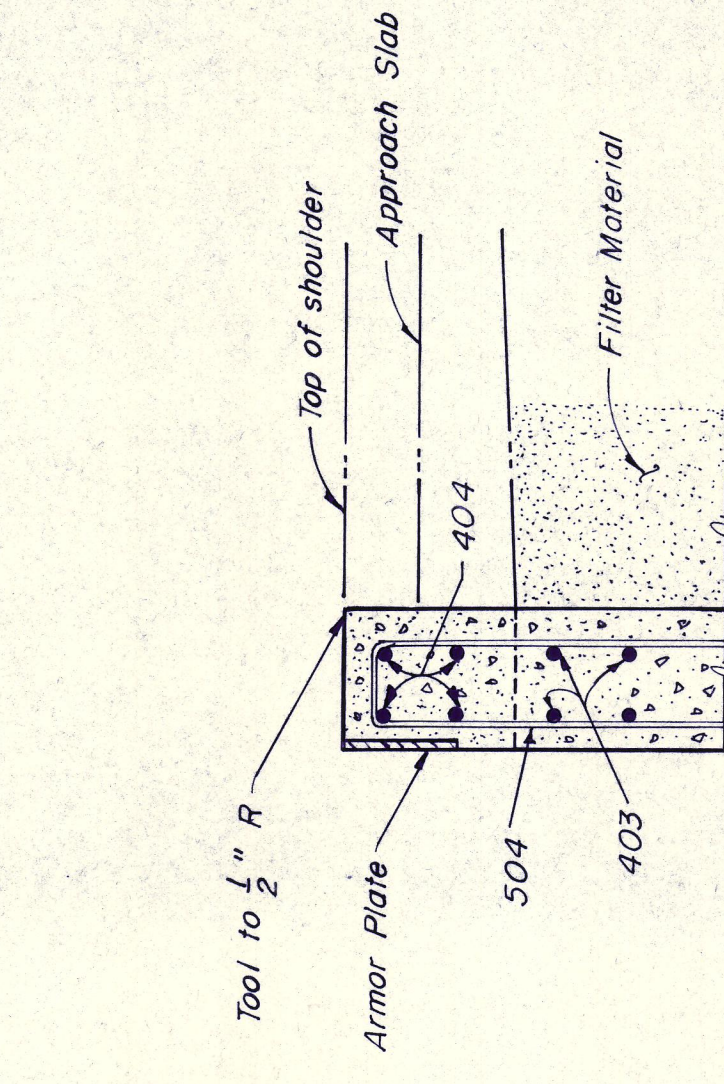
NOTES:

Drilled Shaft tip elevations are approximate and shall be varied as required to provide a 5'-0" minimum penetration into unweathered rock. Maximum drilled shaft load is 185.6 k.
For Section A-A, Column Elevation and Bearing Seat Details, see Sheet No. S-3.
For General Notes and Foundation Notes see Sheet No. S-3.

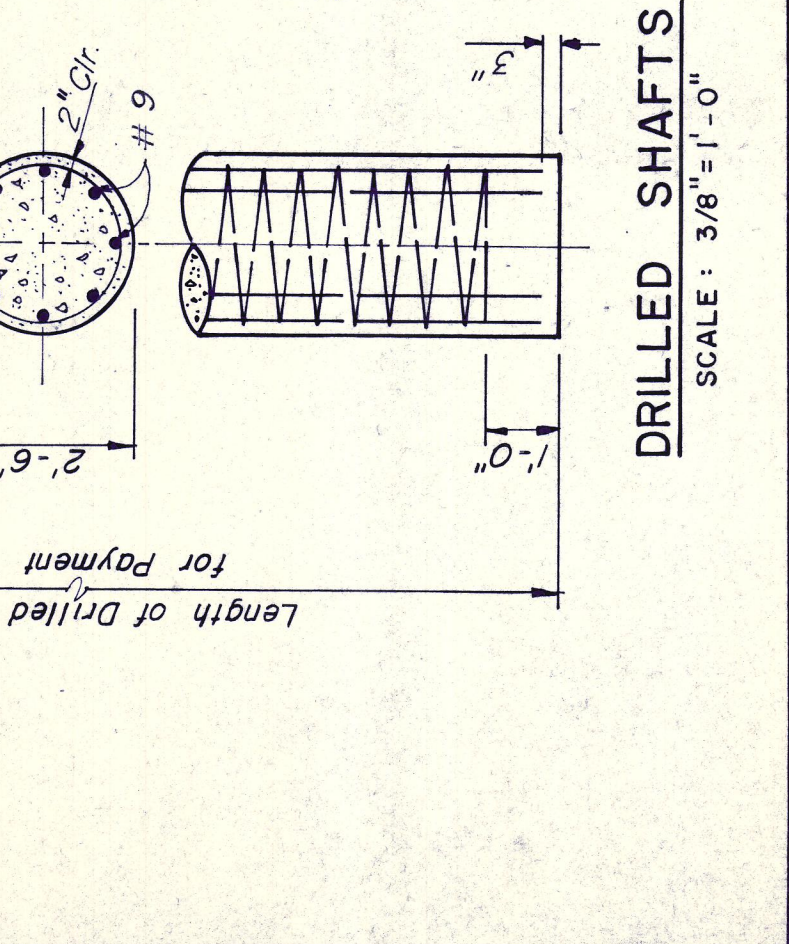
NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY KELLER SPRINGS ROAD OVERPASS NORTH ABUTMENT DETAILS			
Gibbs & Hill, Inc. ENGINEERS DESIGNERS CONSTRUCTORS DALLAS			SECTION <u>VII</u>
DRAWN	VER	DATE	DESIGNED
CHECKED	REF	DATE	SCALE
CONTRACT NO. <u>DNT-115</u>			SHEET <u>S-4</u> OF <u>S-21</u>



*NOTE: Elevations are given for the front face of the abutment backwall.



**NOTE: The cost of reinforcing steel is to be included in the price bid for drilled shafts.



COLUMN ELEVATIONS														
COLUMN DESIGNATION														
LOCATION	A	B	C	D	E	F	G	H						
TOP	629.79	629.99	630.19	630.39	630.59	630.79	630.99	629.79						
BOTTOM	617.29	617.49	617.69	617.89	618.09	618.29	618.49	617.29						

BEARING SEAT ELEVATIONS														
BEAM DESIGNATION														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
632.36	632.46	632.56	632.66	632.77	632.87	632.97	633.07	633.17	633.27	633.37	633.47	633.57	633.67	633.77
632.46	632.56	632.66	632.77	632.87	632.97	633.07	633.17	633.27	633.37	633.47	633.57	633.67	633.77	633.87