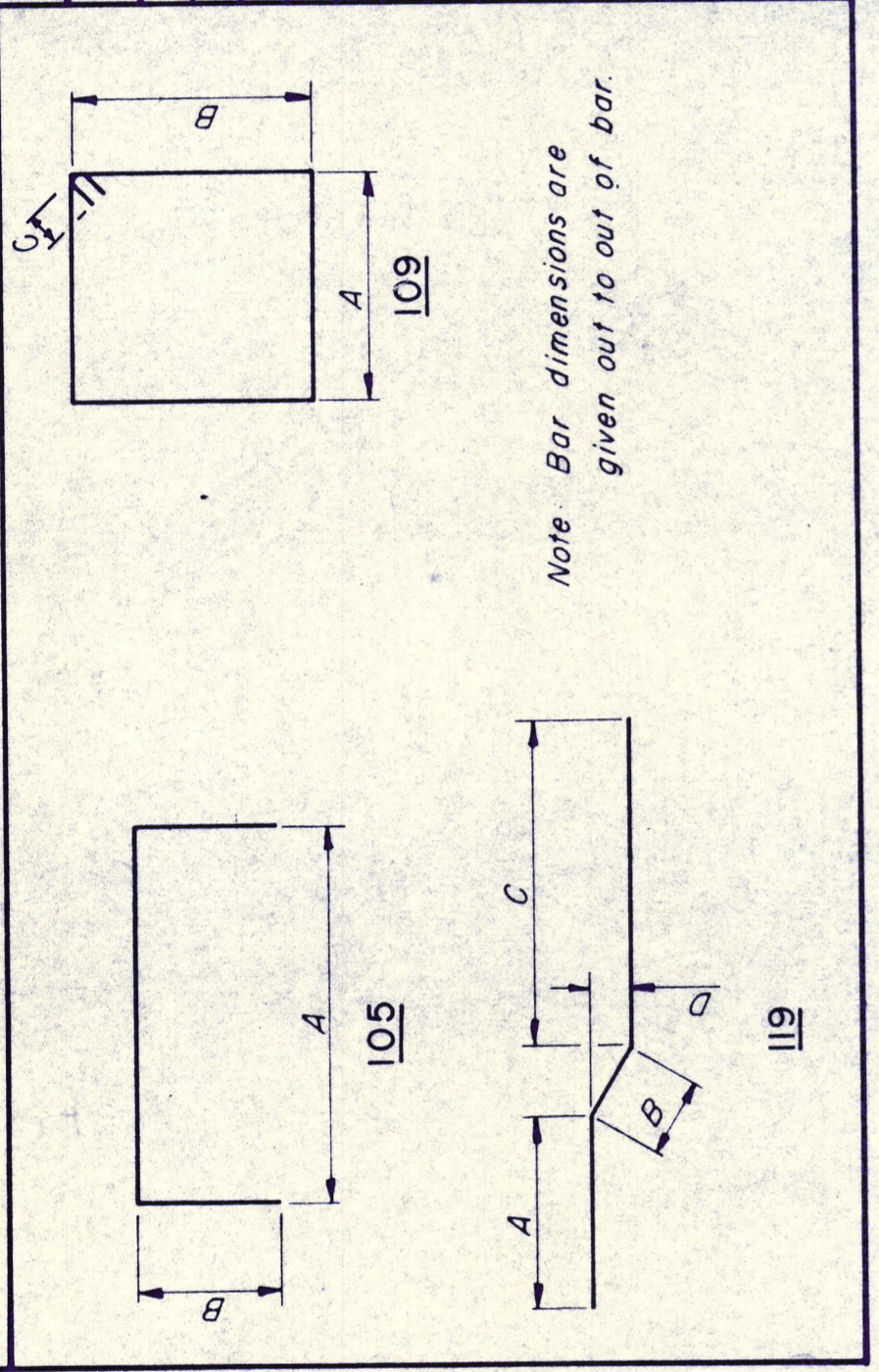


BAR BENDING DIAGRAMS



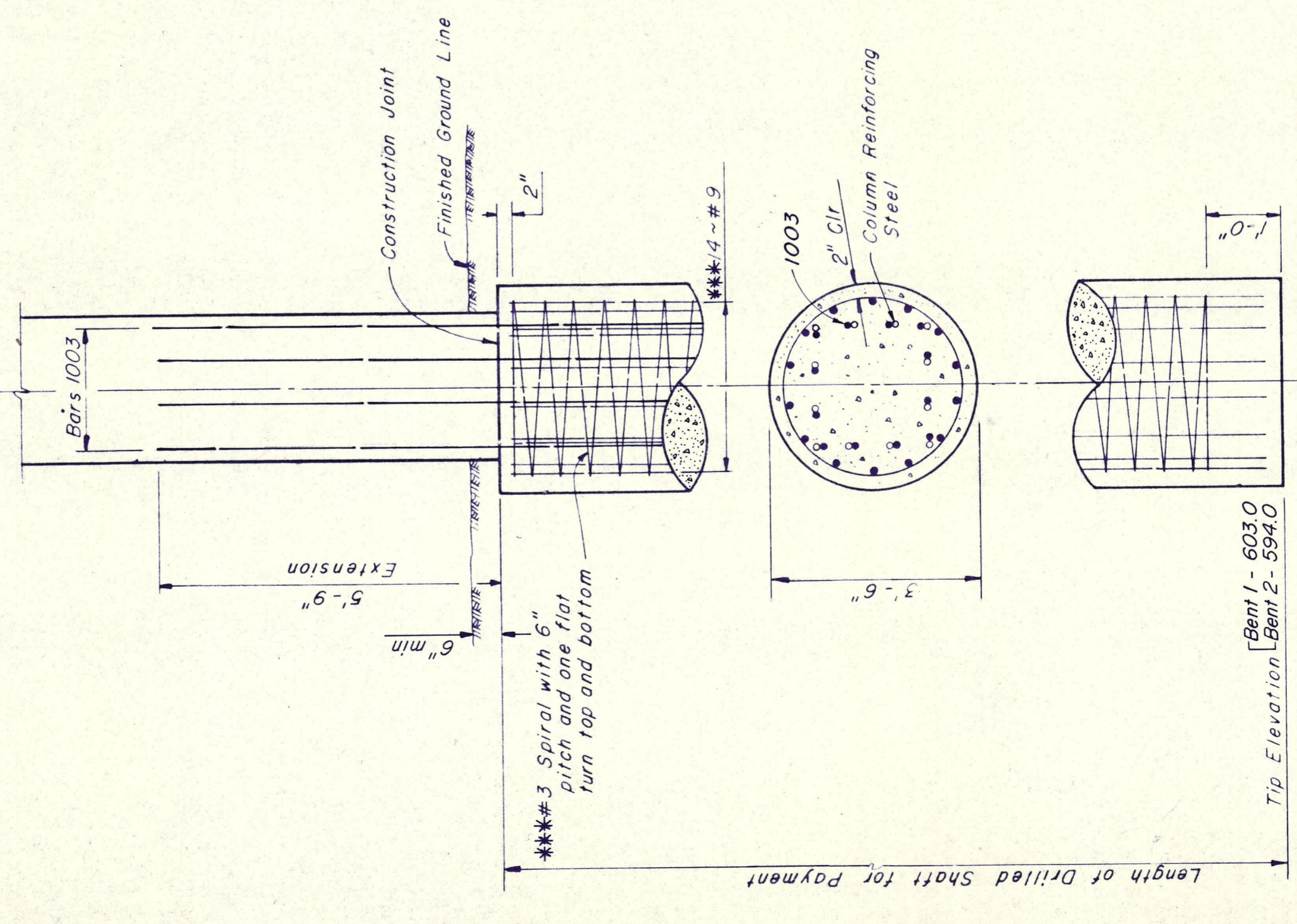
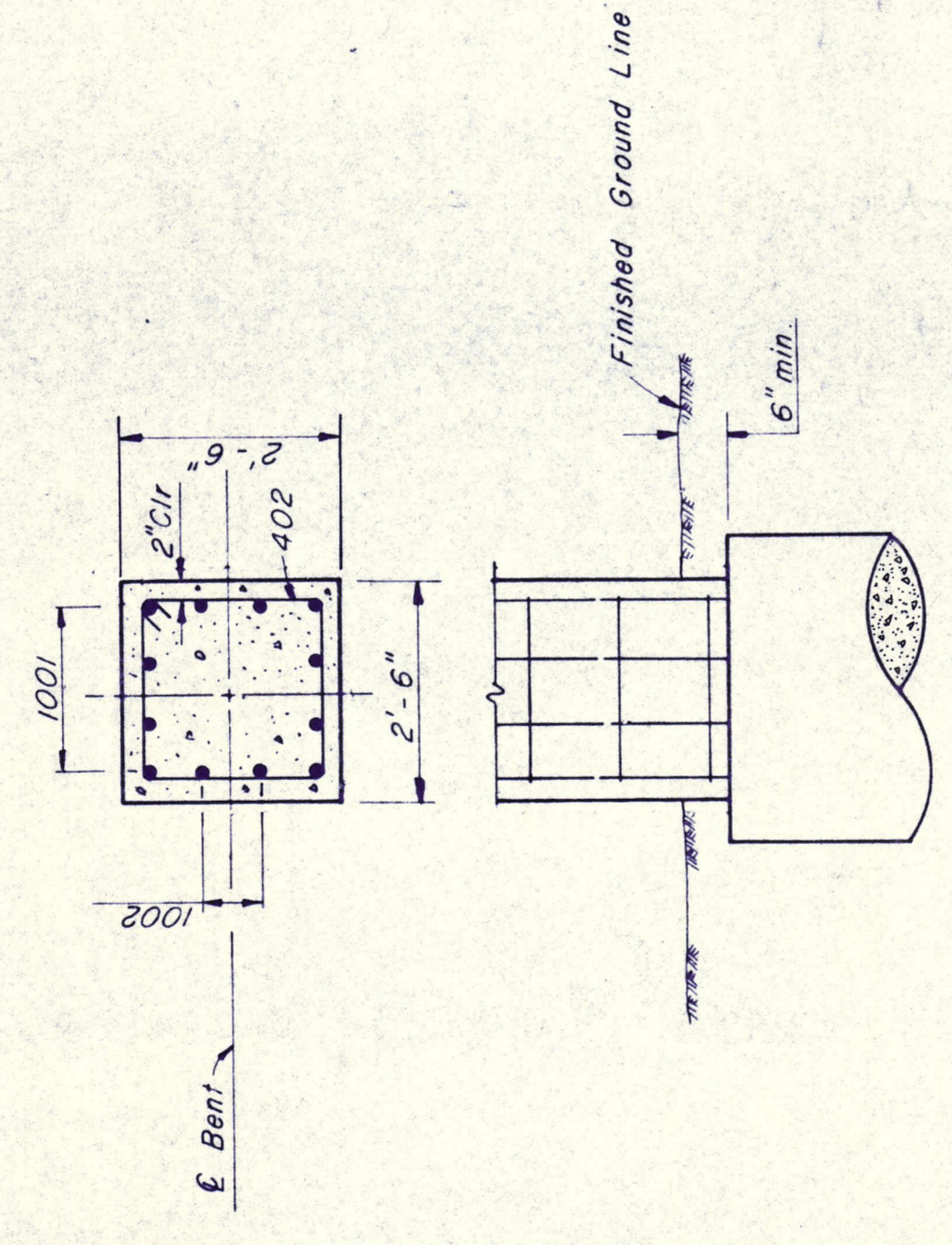
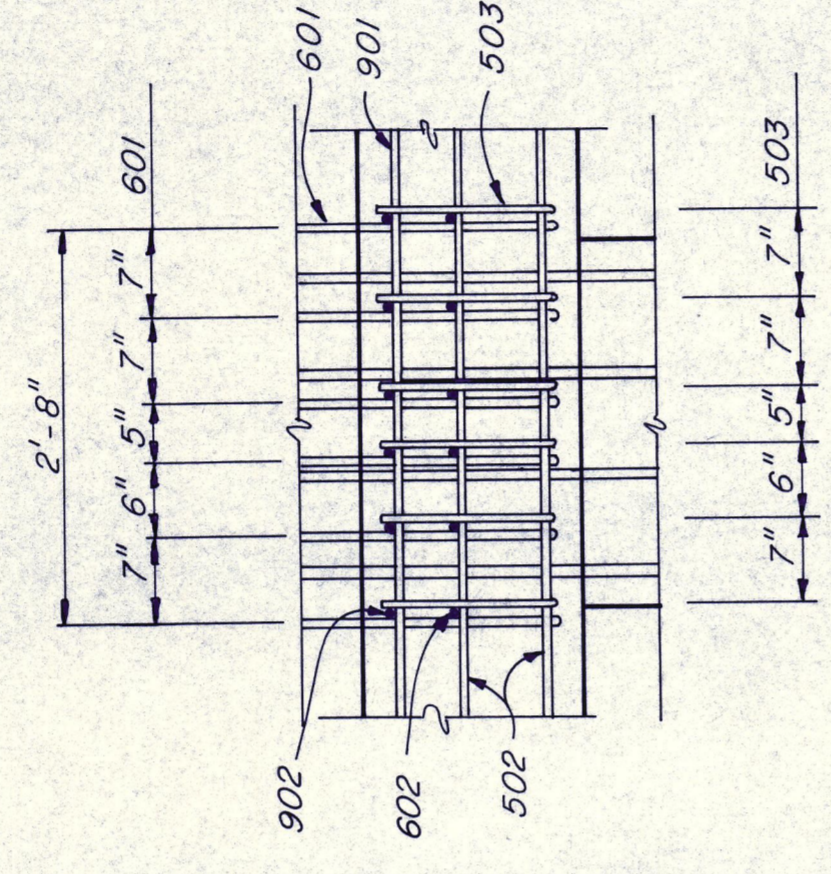
ESTIMATED QUANTITY SUMMARY
(FOUR INTERIOR BENTS)

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
416	Drilled Shafts (42"Ø)	L.F.	199
421	Class C Concrete (Bent)	CY	156.9
440	Reinforcing Steel	Lb	50,812

BILL OF REINFORCING STEEL
(ONE INTERIOR BENT)

MARK NO.	LENGTH	TYPE	DIMENSIONS				WEIGHT	
			A	B	C	D		
401	2'-7"	105	1'-9"	5"			11	
402	9'-6"	109	2'-2"	2'-2"	5"		324	
501	7'-0"	105	4'-6"	1'-3"			29	
502	16	48'-8"	Str.				812	
503	98	6'-11"	105	4'-5"	1'-3"		707	
601	98	13'-11"	109	1'-11"	4'-7 1/2"	5"	1,422	
602	98	4'-6"	Str.				662	
901	12	48'-8"	Str.				1,986	
902	98	4'-6"	Str.				1,500	
1001	24	23'-3"	119	6'-1"	1'-0"	16'-2" 3/4"	2,401	
1002	12	20'-8"	Str.				1,067	
1003	36	11'-6"	Str.				1,782	
							Total	12,703

* - Indicates bars to be ASTM A-706 Grade 60



NOTES: The cost of reinforcing steel (***) is to be included in the price bid for drilled shafts.
Tip elevation is approximate and should be varied as required, to provide a 5'-0" minimum penetration into unweathered rock.

NO. _____ REVISION _____ BY _____ DATE _____

TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY
KELLER SPRINGS ROAD OVERPASS
BENT DETAILS

Gibbs & Hill, Inc.
ENGINEERS DESIGNERS CONSTRUCTORS

SECTION VII

DRAWN VEP DATE 8-10-83 DESIGNED REF DATE 8-9-83
CHECKED REF DATE 8-11-83 SCALE AS SHOWN

CONTRACT NO. DNT-115 SHEET S6 OF S21