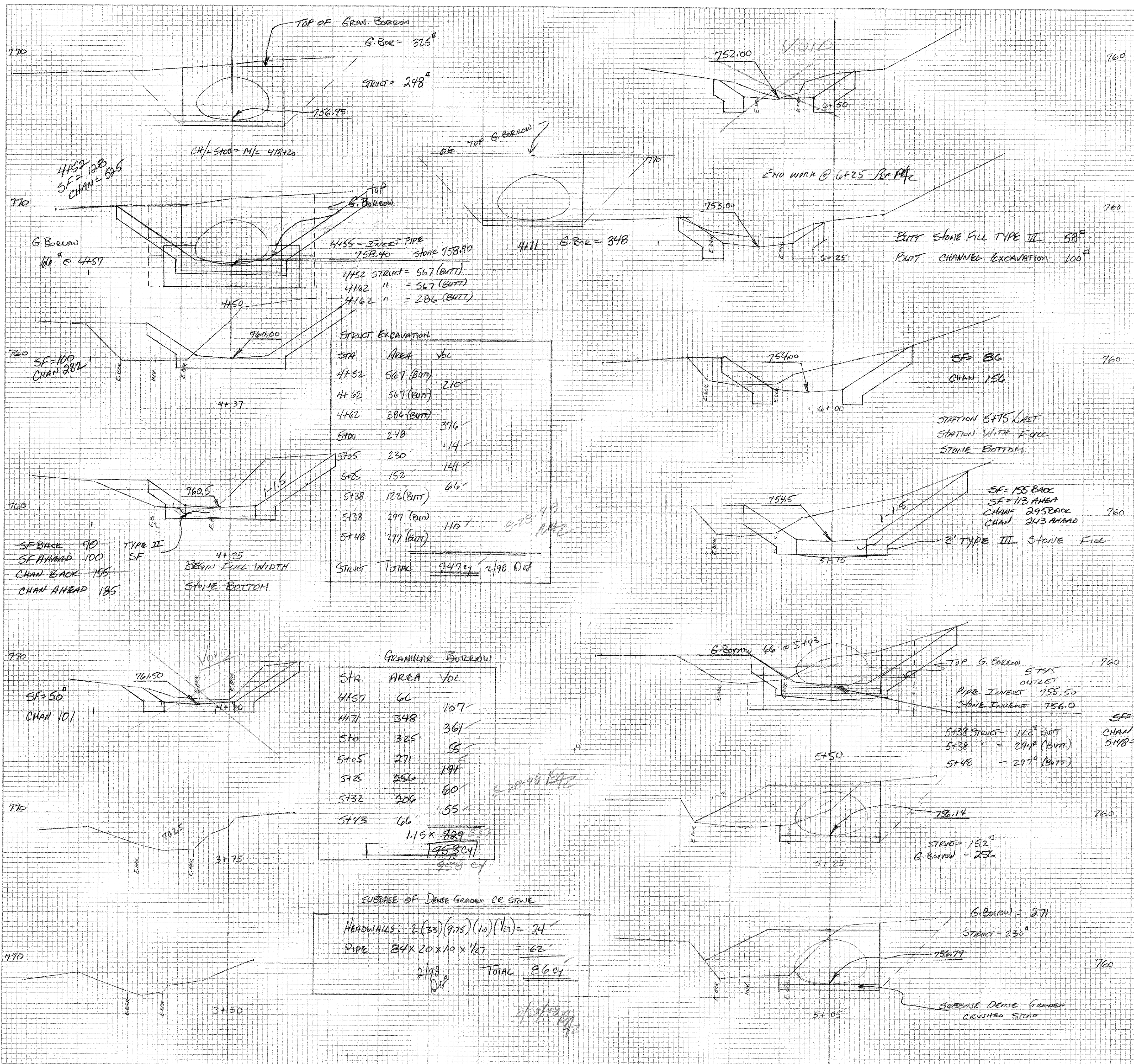


DATE _____
 BY _____
 SURVEYED _____
 ORIGINAL SURVEY _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

DATE _____
 BY _____
 SURVEYED _____
 ORIGINAL SURVEY _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____



INLET CHANNEL

STA.	AREA SF II	AREA UNC CHAN	VOL SF II	VOL UNC CHAN
4+50 (BUTT)	50	101		
4+55 BUTT	70	155	55.5	119.5
4+55 BUTT	100	185	44.4	103.8
4+57	100	282	63.3	224.2
4+52	128	525		
			108 cy	328 cy

OUTLET CHANNEL

STA.	AREA SF III	AREA UNC CHAN	VOL SF III	VOL UNC CHAN
5+48 (BUTT)	149	245		
5+75	155 BACK	295	152	270
5+75	113 AHEAD	243	92	185
6+00	86	156	67	119
6+25 (BUTT)	58	100		
			311 cy	574 cy

STREET EXCAVATION

STA.	AREA	VOL
4+52	567 (BUTT)	210
4+62	567 (BUTT)	210
4+62	286 (BUTT)	376
5+00	248	44
5+05	230	141
5+25	152	66
5+38	122 (BUTT)	110
5+38	297 (BUTT)	110
5+48	297 (BUTT)	110
STRUCT TOTAL		947 cy

GRANULAR BORROW

STA.	AREA	VOL.
4+57	66	107
4+71	348	361
5+00	325	55
5+05	271	55
5+25	256	191
5+32	206	60
5+43	166	55
		1,15 x 829 = 953 cy

SUBBASE OF DENSE GRADED CE STONE

HEADWALLS: $2(33)(9.75)(10)(10) = 24$

PIPE: $84 \times 20 \times 10 \times 1/27 = 62$

TOTAL 86 cy

TOTAL UNC CHANNEL = 328 + 574 = 902

Geo-textile UNDER SF:

INLET: $81(AVG) \times 30 \times 1/9 = 270$

OUTLET: $73(AVG) \times 80 \times 1/9 = 649$

TOTAL 919 cy

GRUBBING MATERIAL

INLET: $48(AVG) \times 30 \times 1/9 = 160$

OUTLET: $42 \times 80 \times 1/9 = 373$

TOTAL 533 cy

S = 3.222%