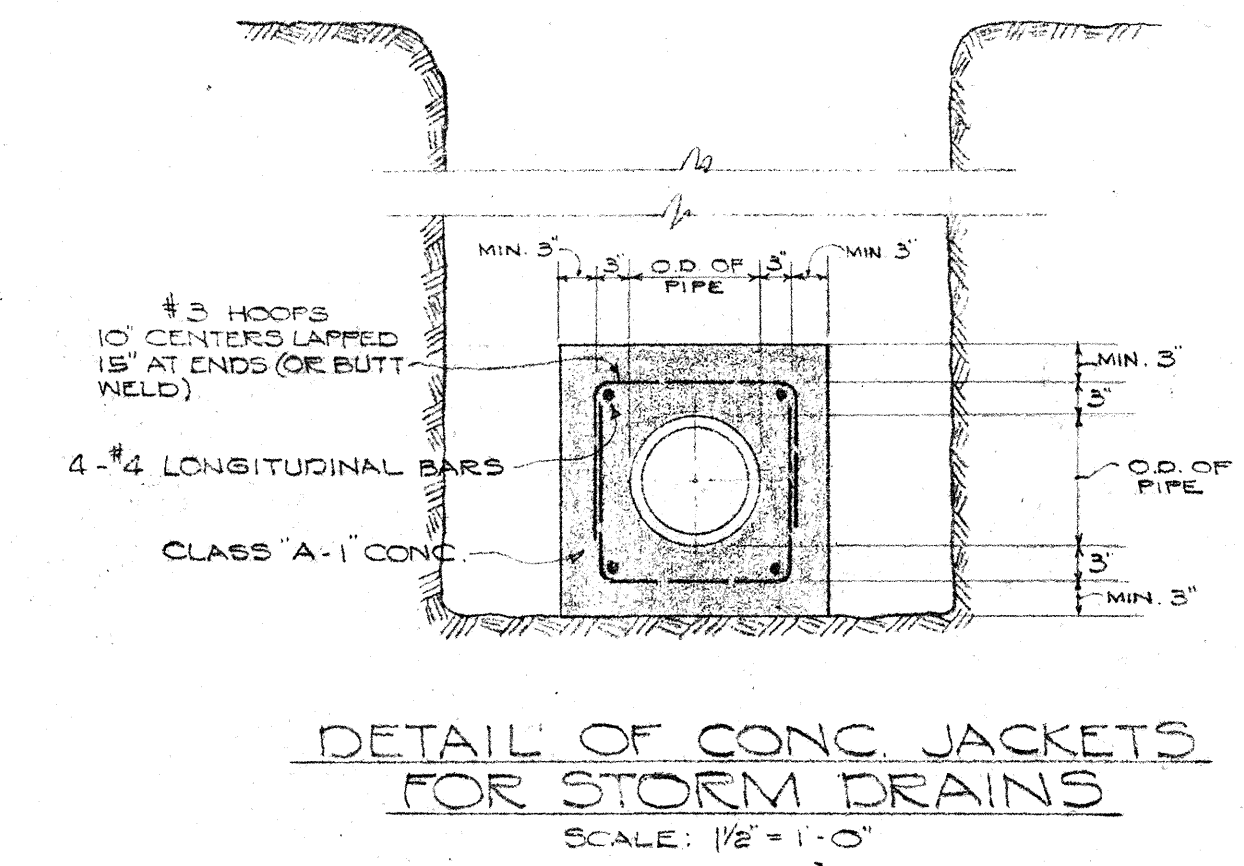
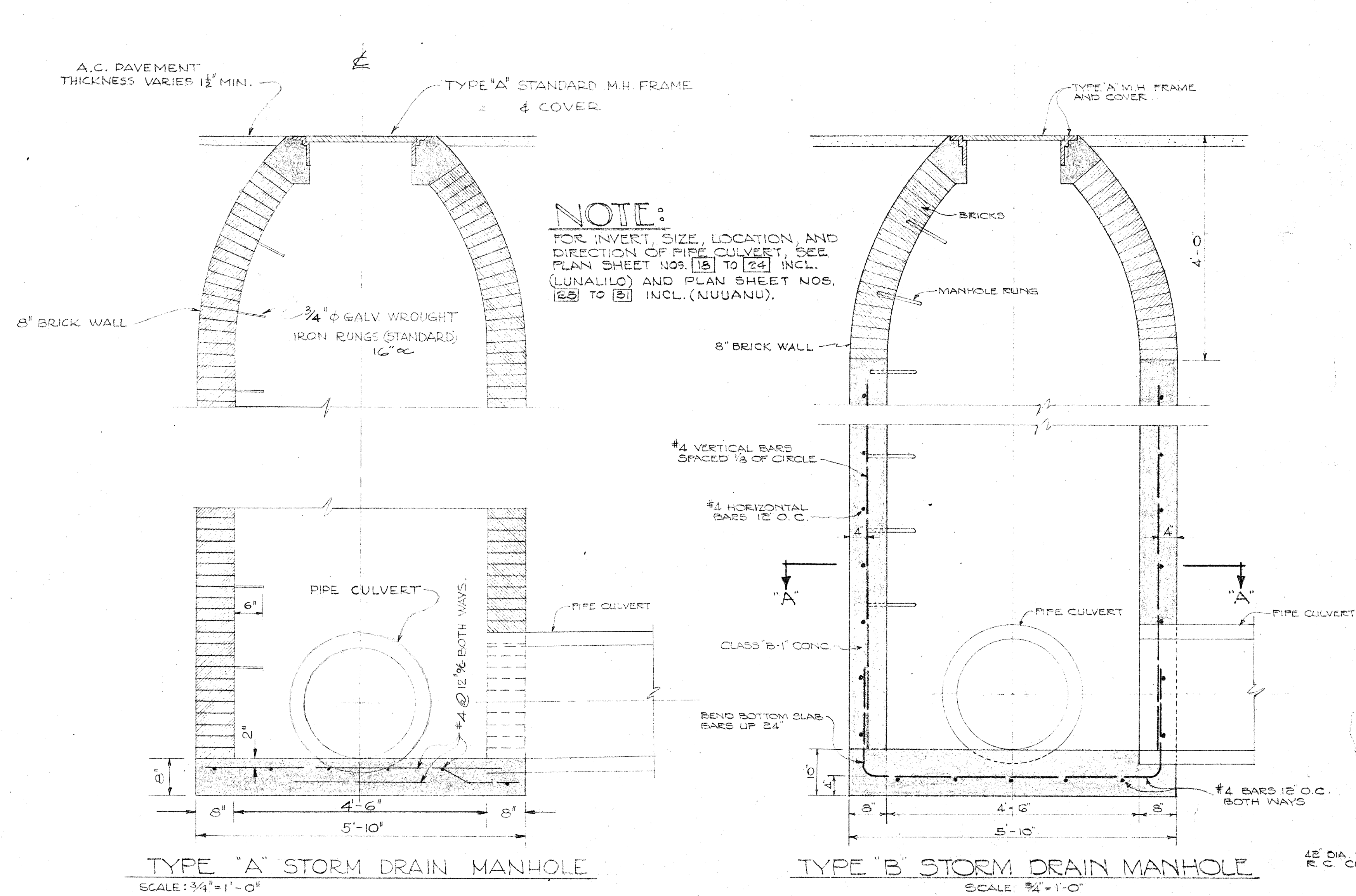
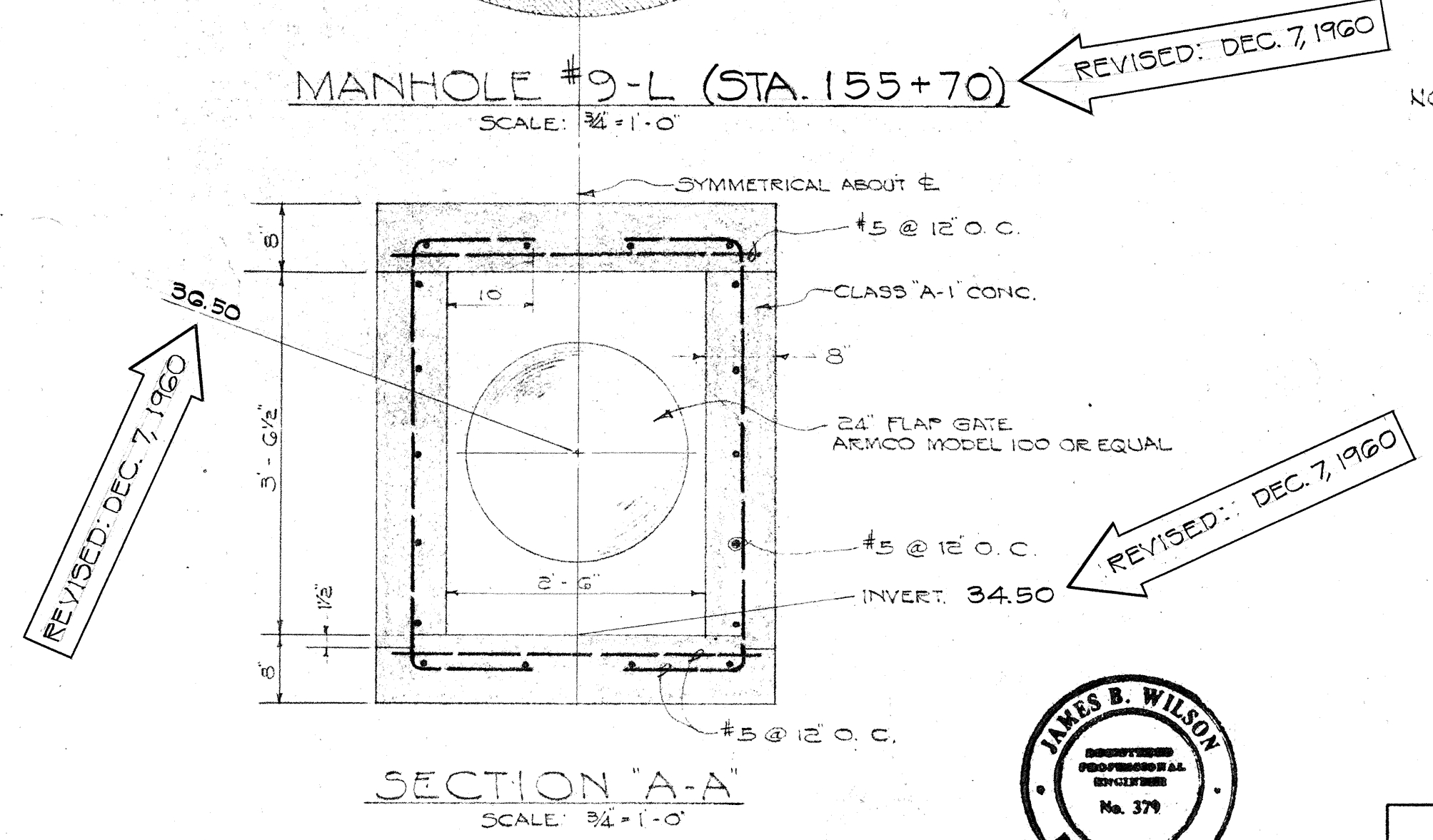
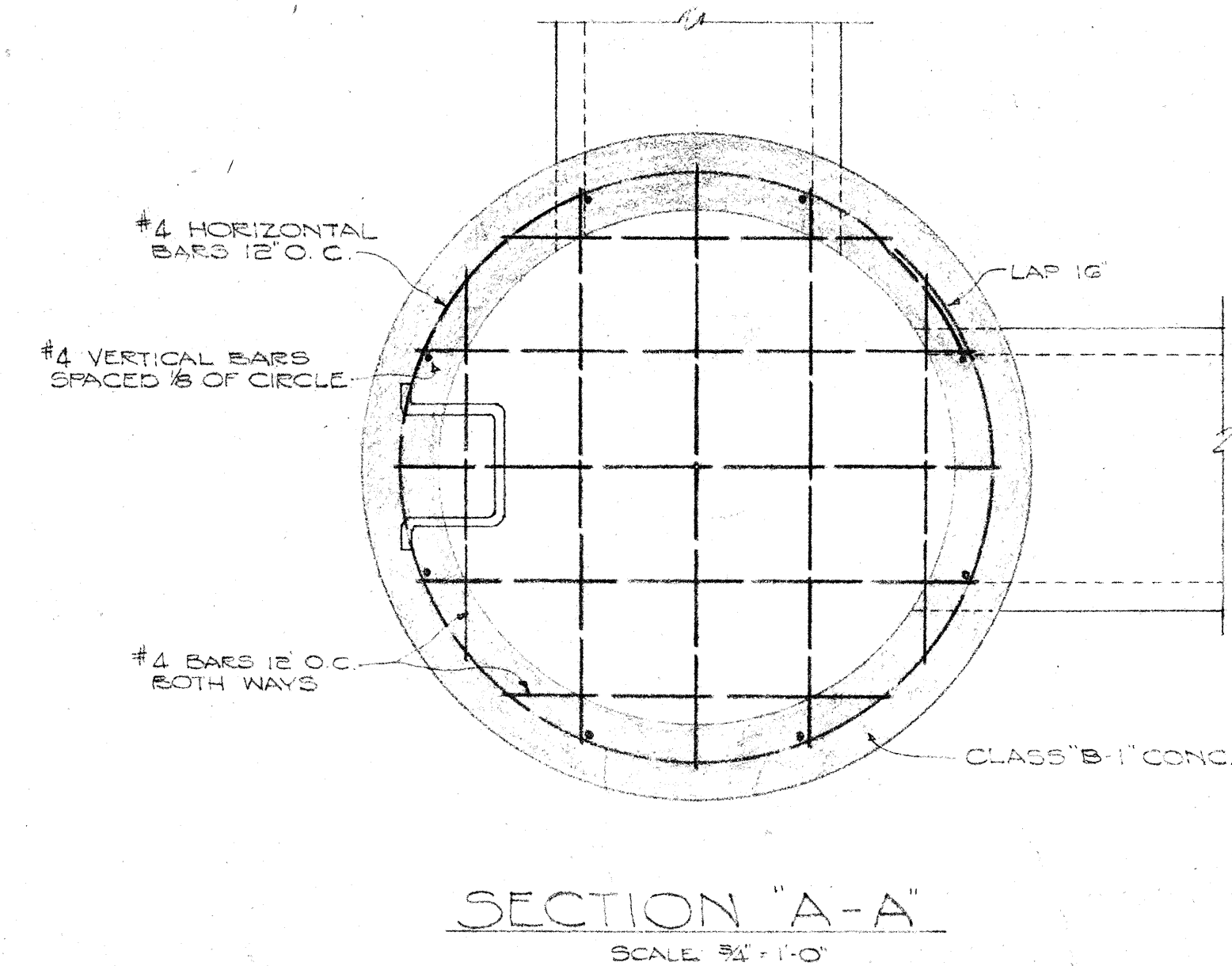
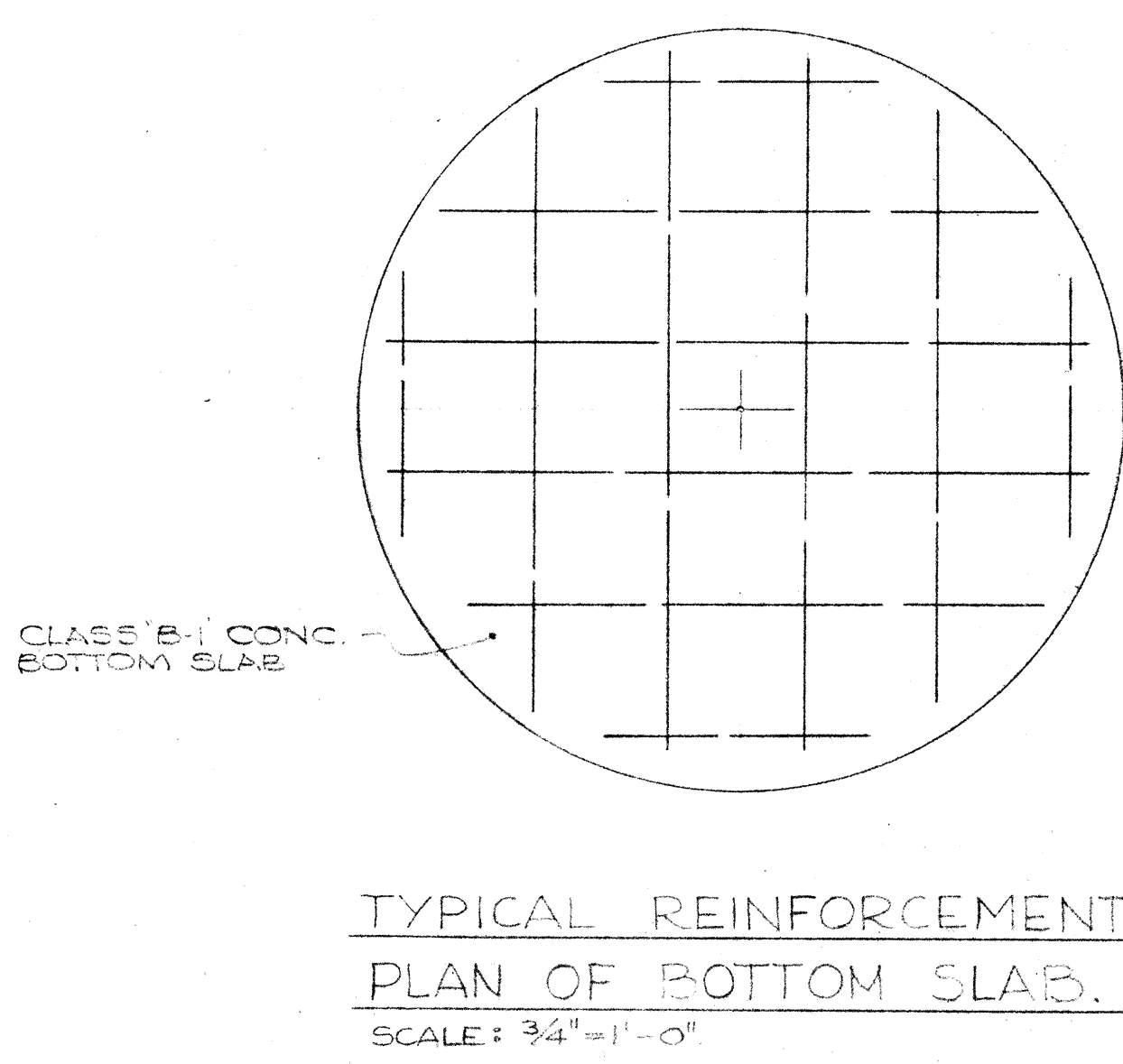
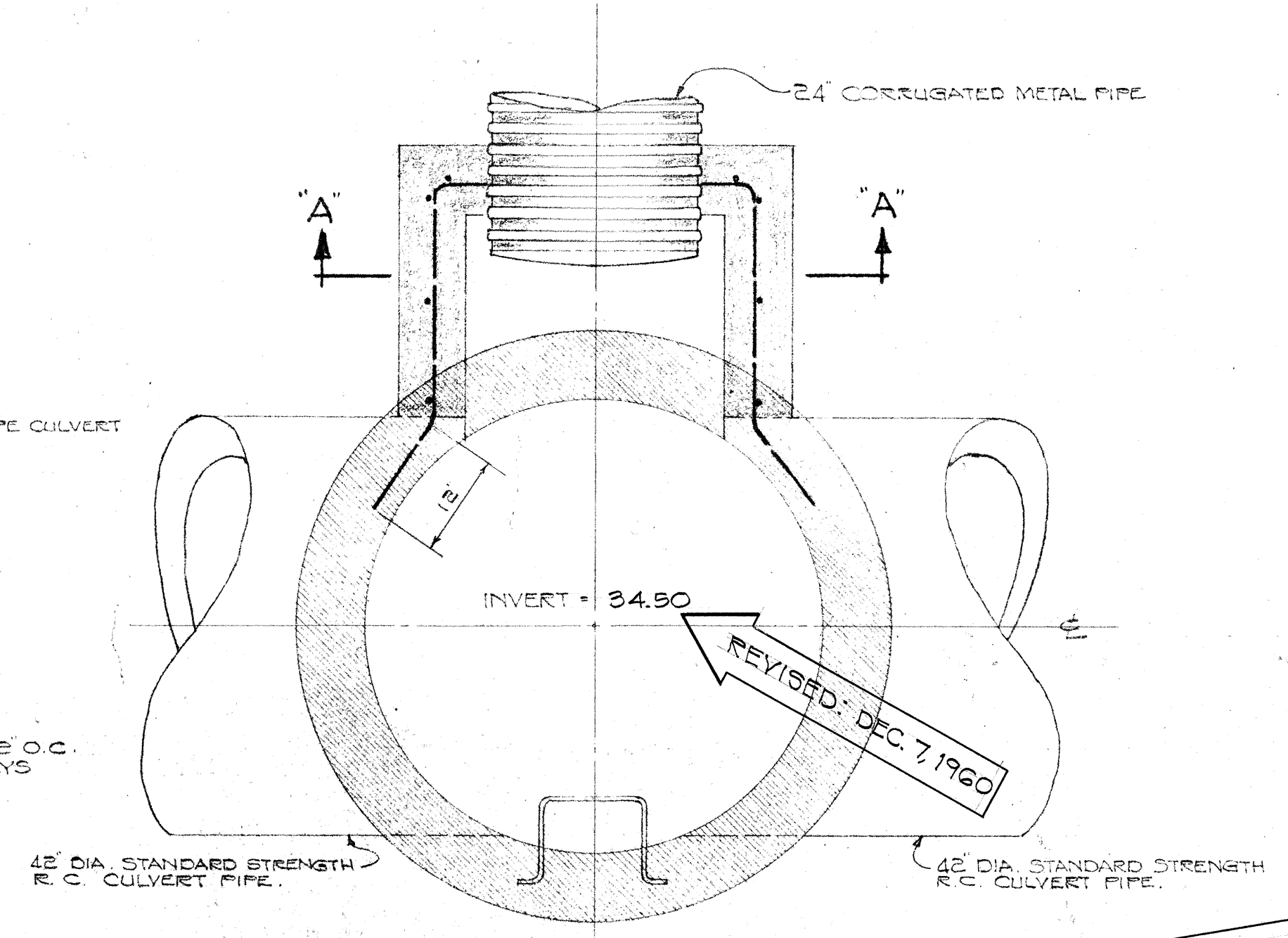


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	10-072-1(1)	1958	35	148
HAWAII	HAW.	10-072-1(1)	1958	37	148

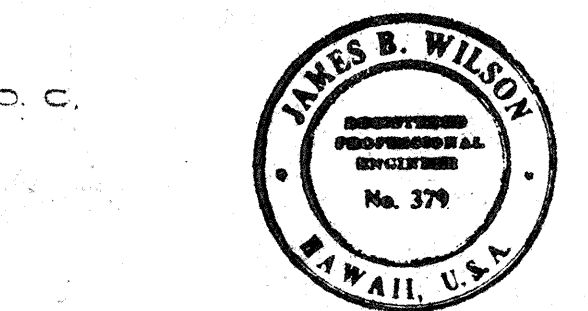


SUMMARY OF DRAINAGE PIPE ALTERNATES					
FROM	TO	LENGTH	ALTERNATE "A" REINF CONC PIPE	ALTERNATE "B" METAL PIPE	
CB 1N	MH 1N	42'	24" ES	24" 14ga	
CB 2N	EXIST CB	44'	24" ES	24" 14ga	
MH 1N	EXIST MH	148'	24" ES	24" 14ga	
CB 3N	MH 1N	48'	24" ES	24" 14ga	
CB 4N	MH 1N	172'	24" ES	24" 14ga	
CB 5N	EXIST CB	350'	24" SS	24" 14ga	
CB 6N	CB 11L	8'	24" SS	24" 14ga	
CB 7N	CB 8N	86'	30" ES	30" 14ga	
CB 8N	MH 4L	58'	30" ES	30" 14ga	
CB 9N	CB 7N	50'	30" ES	30" 14ga	
CB 17N	CB 9N	34'	24" ES	24" 14ga	
CB 10N	CB 7N	392'	24" SS	24" 14ga	
CB 11N	CB 10N	40'	24" ES	24" 14ga	
CB 12N	CB 11N	32'	24" ES	24" 14ga	
MH 2N	CB 10N	132'	24" SS	24" 14ga	
CB 13N	MH 2N	52'	24" ES	24" 14ga	
MH 3N	MH 2N	166'	24" SS	24" 14ga	
CB 14N	MH 3N	44'	24" ES	24" 14ga	
MH 4N	MH 3N	224'	24" SS	24" 14ga	
CB 15N	MH 4N	48'	24" ES	24" 14ga	
CB 16N	MH 4N	66'	24" ES	24" 14ga	
CB 5N	EXIST CB	56'	24" ES	24" 14ga	
CB 8N	MH 4L	24'	30" SS	30" 14ga	
CB 9N	CB 7N	28'	30" SS	30" 14ga	
CB 11N	CB 10N	36'	24" SS	24" 14ga	
CB 14N	MH 3N	12'	24" SS	24" 14ga	
MH 3N	MH 2N	90'	24" ES	24" 14ga	



NOTE!!
1. Brick Walls shall be paid for under Item No. 46(2), 97(4) and 97(4a).
2. Concrete and Reinf. Steel in Walls and Footings shall be paid for under Item No. 46(2) and 48(1), respectively.

DATE	...
SURVEY PLOTTED BY	...
ORIGINAL PLAN	...
NOTE BOOK NO.	...



LAW & WILSON • TUDOR • TOWILL
ARCHITECTS • ENGINEERS • SURVEYORS
REGISTERED ENGINEER
DATE JUL 3 1957

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
LUNALILO FREEWAY
PROJECT NO. F-072-1(1), UNIT 3
NUUANU HIGHWAY
PROJECT NO. BU-OGI-1 (G), UNIT 4
DETAIL OF STORM DRAIN MANHOLES
SCALE: AS NOTED
SEPT. 1957