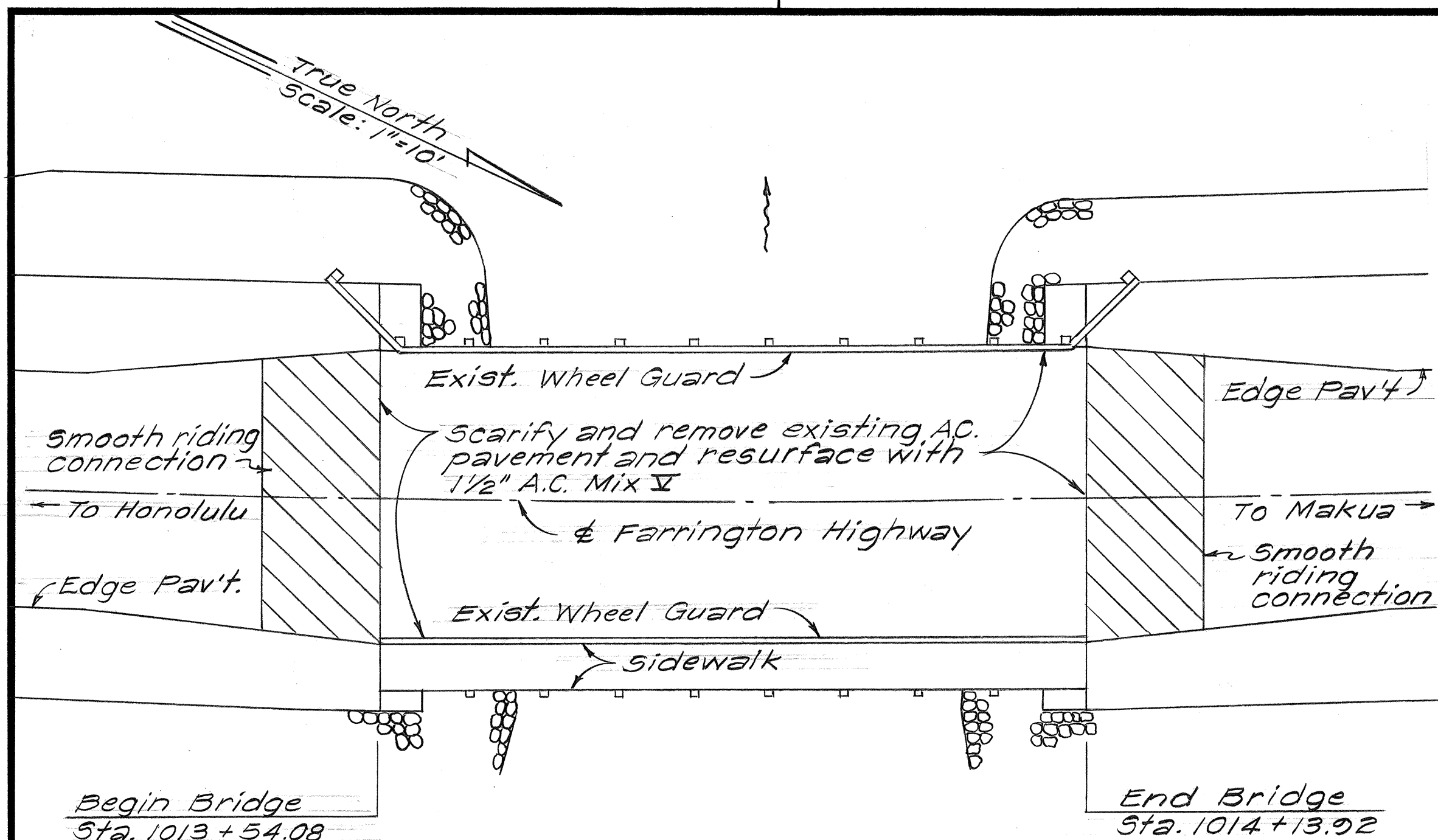


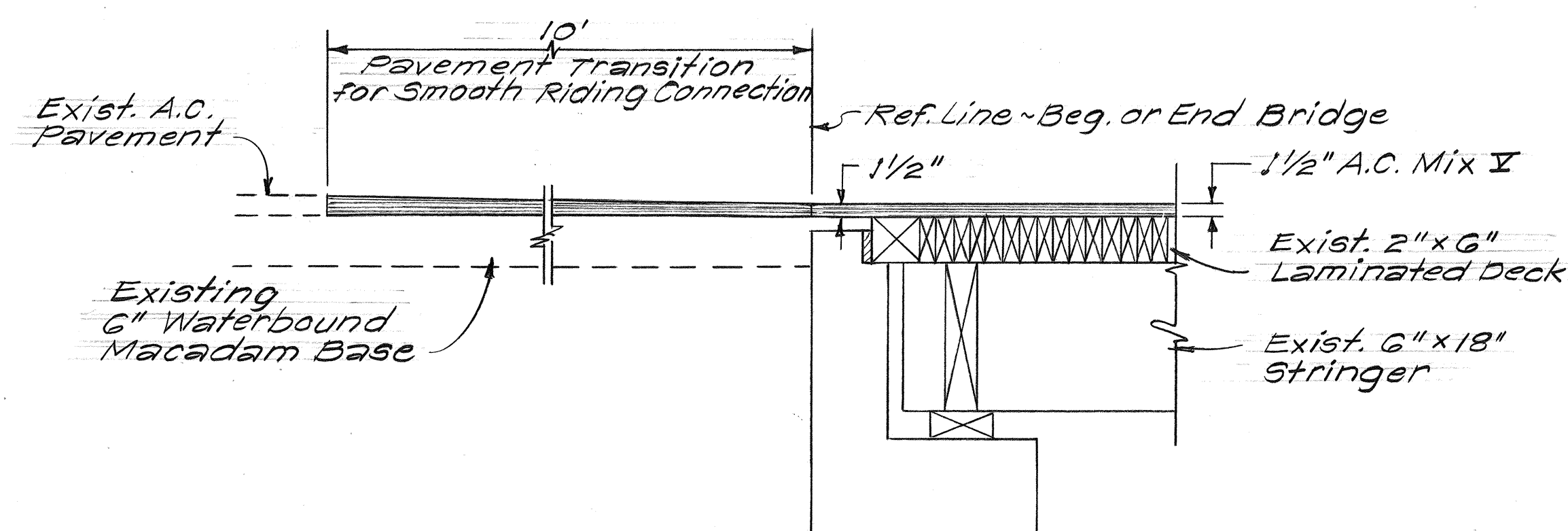
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	03B-0177M	1977	2	6

GENERAL NOTES

- The Contractor shall remove the existing asphalt concrete pavement on Makaha Bridge No. 3 and expose the existing timber deck, as shown on the plans. At pavement transition areas, the pavement shall be removed to the top of existing base course. The Contractor shall exercise due care in scarifying the asphalt pavement so as not to damage the existing timber bridge. Damaged portion shall be restored to original condition at the Contractor's expense.
- The Contractor shall replace all deteriorated or timber found on the bridge deck as deemed necessary by the Engineer. All new timber shall be treated to saturation with creosote and shall be of same size, species and grade as the original timber (See sheet 3). All timber work done in replacing portions of the bridge deck shall conform to section 502-Timber Structure, of the Specifications. Payment for replacing deteriorated or soft timber on the bridge deck shall be made on a Force Account basis in accordance with subsection 109.04-Extra and Force Account Work, of the Specifications or as mutually agreed to by the Engineer and Contractor.
- The exposed timber deck shall be coated with a new application of creosote oil to a "black" color. Two layers of 30 lb. roofing felt shall be placed on the deck. Hot roofing pitch shall be applied to the deck and between layers of the roofing felts. Lapping of the felt shall be at least 4 inches. For additional requirements, see subsection 502.03 of the Special Provisions. Creosote oil shall be Type P2 and shall conform to the requirements of Section 714.02-Preservatives, of the Specifications. Creosote, roofing felt, hot roofing pitch, nails, and other miscellaneous items not specifically listed in the proposal shall be considered incidental to the various items of work and will not be paid for separately.
- The thickness of the resurfacing shall be 1 1/2 inches minimum of Asphalt Concrete Mix I except for areas of transition where the thickness varies. Prior to resurfacing, tack coat Type 55-1H conforming to the requirements of Section 401-Bituminous Tack Coat, of the Specification shall be applied. Tack Coat shall be considered to be incidental to Asphalt Concrete pavement.
- The Contractor shall keep one traffic lane open for public use during normal working hours and two traffic lanes during non-working hours. The Contractor's attention is directed to subsection 104.04-Maintenance of Traffic, of the Special Provisions. Maintenance and Control of Traffic through the project site shall not be paid for separately but shall be considered to be incidental to the various items of work.
- Plan sheet numbers 3 to 6 are provided for information and guidance to the Contractor. These plans were used in the construction of Makaha Bridge No. 3.
- The Contractor shall verify the location of the project site with the Engineer.



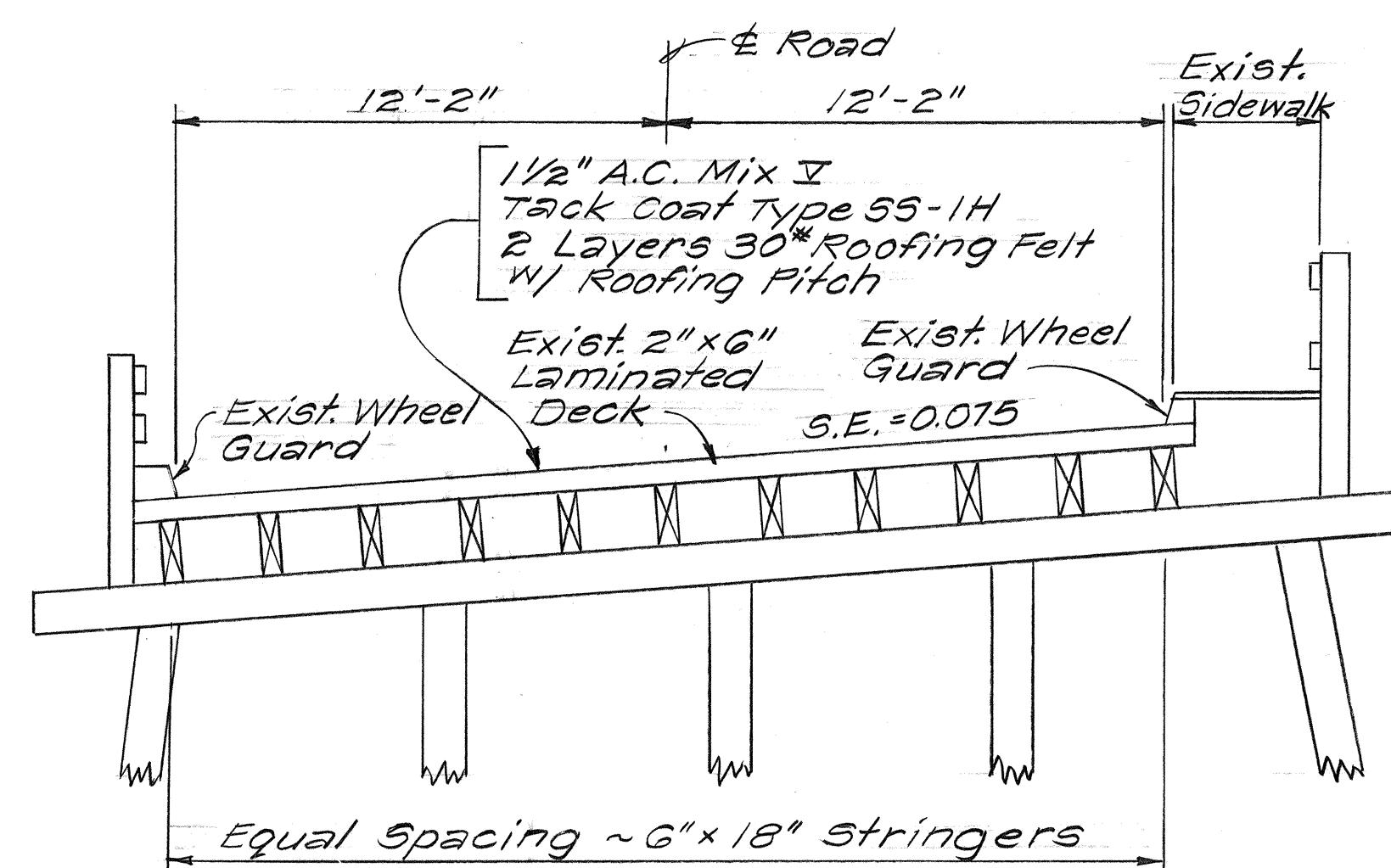
PLAN ~ MAKAHA BRIDGE NO.3
Scale: 1"=10'



SECTION THRU ABUTMENTS
Scale: 3/4"=1'-0"

ESTIMATED QUANTITIES

ITEM NO.	ITEM	APPROX. QUANT.
202.0430	Removal of Existing A.C. Pavement.	214 S.Y.
401.0500	Asphalt Concrete Pavement Mix No. I.	22 Tons
502.0300	Repair and Rehabilitate Timber Structure.	F. A.



TYPICAL SECTION THRU BRIDGE
Scale: 1/4"=1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**FARRINGTON HIGHWAY
MAKAHA BRIDGE NO. 3
WATERPROOFING & RESURFACING
BRIDGE DECK**

PROJECT No. 03B-01-77M
Scale: As Shown Date: Feb. 1977
SHEET No. 1 OF 1 SHEETS

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DESIGNED BY	
TRACED BY	
NOTED BY	
CHECKED BY	
NO.	