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GENERAL NOTES

SPECIFICATION

DESIGN: A.A.S.H.O. dated 1953 with subsequent revisions.

CONSTRUCTION: Standard Specifications, Territorial Highway Department, dated May 1957 and the Special Provisions.

REINFORCEMENT

Embedment is clear to outside of bar and is 2" to main reinforcement, except as noted. Hooks shall conform to the Manual of Standard Practice, A.C.I. Backing for hooks is four diameters, except as noted. Bar areas are based on rounds for less than 1" and squares for over 1".

Bar deformations shall conform to A.S.T.M. A305-42.

Where reinforcing bars are spliced they shall have a 20 diameter lap unless otherwise called for on the plans.

FORMS IN TUNNEL NO. 2-A

Forms for tunnel lining in Tunnel No. 2-A from Sta. 113+08± to Portal No. 4-A may be made up in straight sections not to exceed 16 ft. in length. Curbs shall be placed true to the Φ Roadway Curve.

UNIT STRESSES

REINFORCED CONCRETE: $f_s = 20,000$ p.s.i., $f_c = 1,000$ p.s.i., $n = 10$.

STRUCTURAL STEEL: $f_s = 18,000$ p.s.i.

FOOTING PRESSURE

14 tons p.s.f. Tunnel Lining Footings in Lava Rocks (Average)

6 tons p.s.f. Tunnel Lining Footings in Cinder Compact (Average)

3 tons p.s.f. Portal No. 1-A Pylon Footings.

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

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PALI ROAD

OUTBOUND TUNNELS

PROJ. NO. BF-061-1(5)

March 1957

SHEET No. OF SHEETS

5896.2

For OFFICE AND B.P.R. & PROJ. ENG.

SURVEY PLOTTED BY	DATE
DESIGNED BY	7-57
TRACED BY	7-57
QUANTITIES BY	
CHECKED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	