



SECTION 3 INTRODUCTION

GENERAL

This instruction manual contains basic information for the installation of a single-car hydraulic elevator system with simplex selective control. The equipment and systems described is manufactured by **AMLIFT INTERNATIONAL, INC.** in its plant in Baja California.

SCOPE

This manual has TWELVE SECTIONS.

SECTION ONE	FOREWORD
SECTION TWO	SAFETY PRECAUTIONS
SECTION THREE	INTRODUCTION
SECTION FOUR	ELEVATOR TYPE
SECTION FIVE	PUMP UNIT AND PIPING
SECTION SIX	ENTRANCE INSTALLATION
SECTION SEVEN	OPERATION, CONTROLLER, LIMIT SWITCHES, WIRING & ELECTRICAL
SECTION EIGHT	CAB INSTALLATION
SECTION NINE	DOOR OPERATOR
SECTION TEN	ADJUSTING & MAINTENANCE
SECTION ELEVEN	BILLS OF MATERIAL & PARTS LISTS
SECTION TWELVE	DRAWINGS

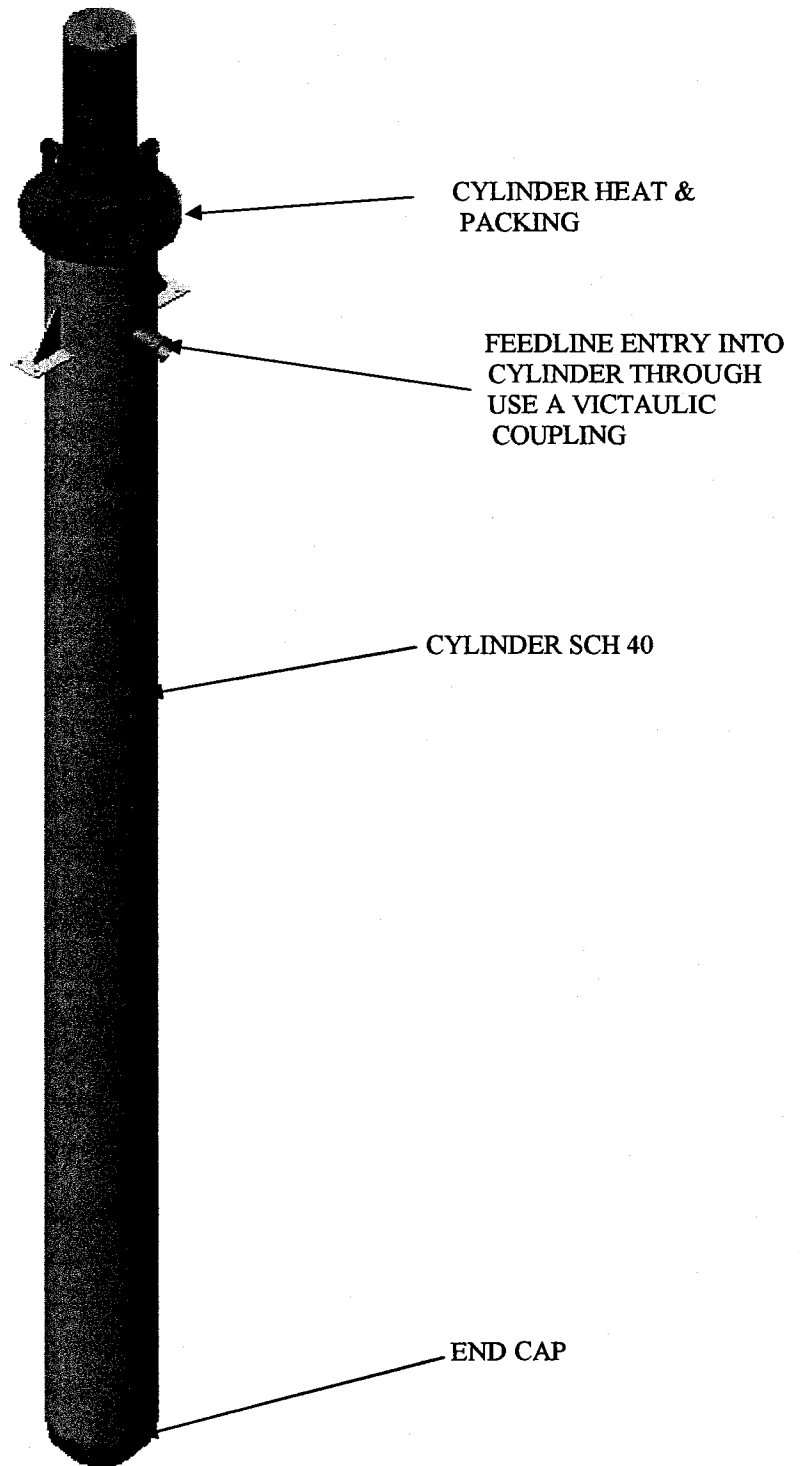
DESCRIPTION

The following drawing shows a typical, **BORE HOLE** hydraulic passenger elevator installation. The elevator is guided through the hoist way by the guide rails. It is raised and lowered by the hydraulic jack, which in the type shown, is centered beneath the platform, and extends shown into the buried cylinder. Hydraulic pressure is developed by a screw type pump, which is coupled to the electric motor, either by pulleys and belts or by a direct pump shaft to motor shaft coupling. Such direct- coupled assemblies are immersed in the hydraulic reservoir or tank. Electrically controlled hydraulic valves regulate the oil flow between the hydraulic jack and the hydraulic oil tank. A microprocessor controller coordinates the signals required for elevator and door operation. The car and hoist way doors operated automatically and are interlocked to prevent unsafe operation.



**INTERNACIONAL
DE ELEVADORES, S.A. DE C.V.**

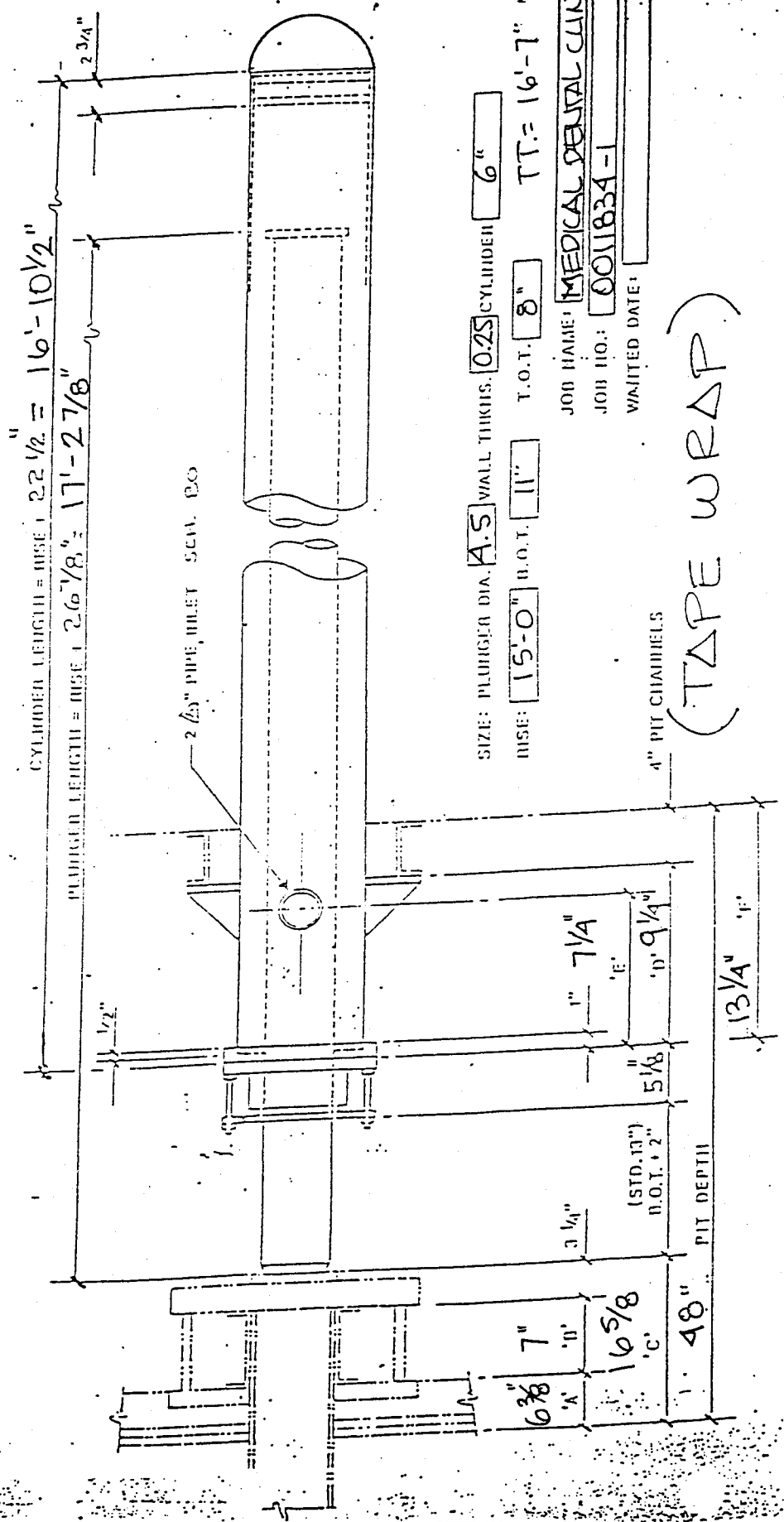
*A SUBSIDIARY OF
MITSUBISHI E.E.D. & AMLIFT INT.*



BORE HOLE JACK

JACKWIT
AREA

FAX NO.:
DATE:



SIZE: PLUGGER DIA. A.5 WALL THICKS. 0.25 CYLINDER 6"

USE: 15'-0" O.O.T. 11" T.O.T. 8" TT = 16'-7" ✓

JOB NAME: MEDICAL DENTAL CLINIC
JOB NO.: 0011834-1
WAITED DATE: _____

(TAPE WRAP)



SCALE:	APPROVED BY:	DRAWN BY:
DATE:		REVISED:
DRAWING NUMBER:		

JACK ASSY. ORDER SHEET

20-1501

- NOTES:
1. 'A' = PLATFORM THICKNESS (STD. 6 3/8")
 2. 'B' = PLANK SIZE (STD. 7")
 3. 'C' = 'A' + 'B' + 3 1/4" (STD. 16 5/8")
 4. 'D' = PIT DEPTH - 'C' = 22 1/8"
 5. 'E' = 'D' - 2"
 6. 'F' = 'D' + 4"
 7. BASED ON 'B' STD. T.O.T.