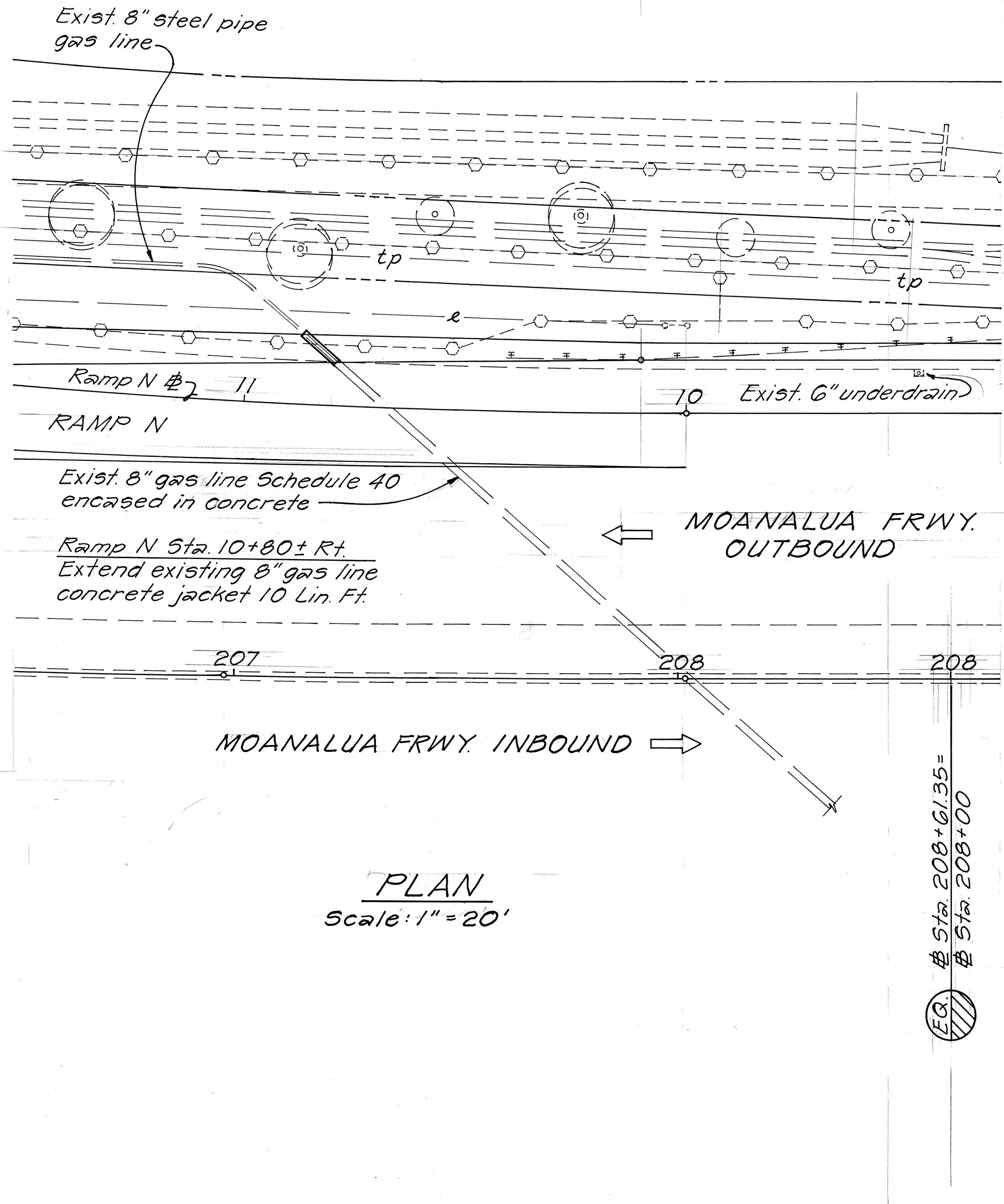


GENERAL NOTES

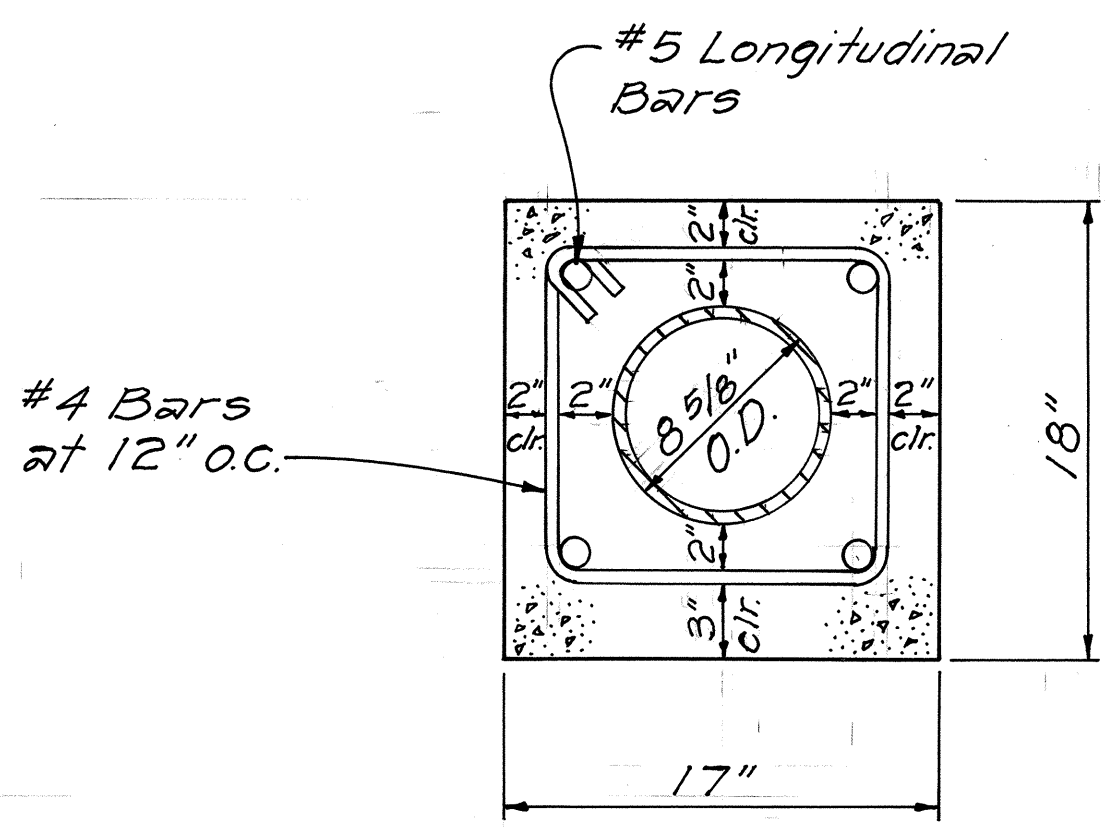
1. The Contractor shall be held liable for any damages incurred to the existing utilities as a result of his operations. All damaged portions shall be replaced in accordance with the standards and specifications of the affected utility company.
2. The existence and location of underground utilities, appurtenances and structures as shown on the plans are based on existing records of varying degrees of accuracy and completeness. They are not guaranteed as to the location shown or that other obstacles may not be encountered in the course of work. The Contractor shall assume that existing utilities may exist, although not shown.
3. When work is to be done outside the State's R/W the Contractor shall give all property owners and leaseholders five (5) days notice before entering into their respective properties.

GAS NOTES (GASCO, INC.)

1. The Contractor shall verify the exact locations and depths of existing gas lines prior to start of construction operations. The Contractor shall call GASCO, INC. at 548-2126 a minimum of 48 hours before starting excavation to arrange for field location of all existing gas lines.
2. The Contractor shall take extreme caution when working in the vicinity of the gas lines.
3. The Contractor shall immediately notify GASCO, INC. after any damage has been caused to existing gas lines, their coatings or their cathodic protection devices. Repair work on this damage will be done by GASCO, INC. with payment for this work to be borne by the Contractor.
4. Minimum vertical or horizontal clearance between gas lines and other pipe lines, conduits, or ductlines shall be 12 inches. Adequate support and protection for gas lines exposed in the trench shall be provided. Such support and protection will be approved by GASCO, INC. If this clearance cannot be attained, the gas line shall be protected with a GASCO, INC. approved insulating material furnished and installed by the Contractor which must be approved by GASCO, INC.
5. The Contractor shall work in an expeditious manner in order to keep uncovered gas lines exposed for as short a period of time as possible.



TRUE NORTH
Scale: 1"=20'



8" GAS LINE
IN CONCRETE JACKET
Not to Scale

PLAN
Scale: 1"=20'

APPROVED: _____
GASCO, INC. _____ Date _____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

UTILITY PLAN
Improvements to Ramp N

*Halawa Interchange
Interstate Route H-1
F.A.I. Proj. No. I-HI-1(176)*

Scale: As Shown Date: 10/81
SHEET NO. OF SHEETS

DATE	_____
SURVEY PLOTTED BY	_____
DESIGNED BY	_____
NOTED BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____