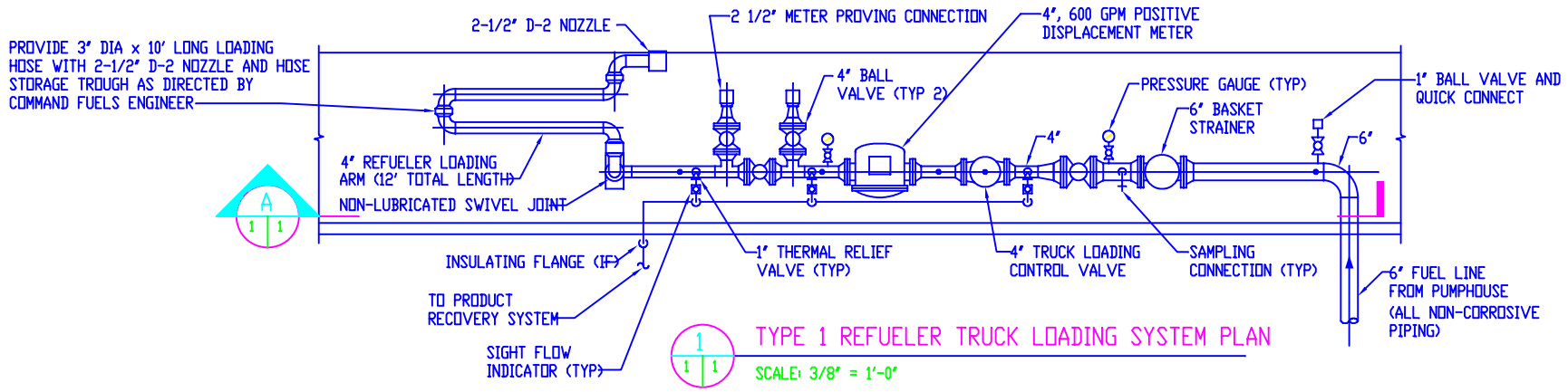
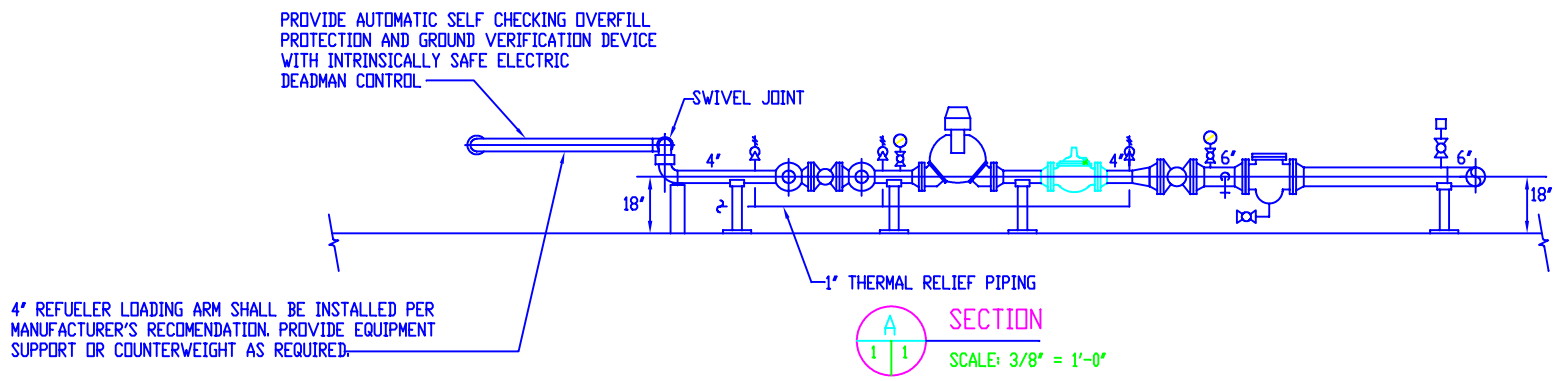


1 1 TYPE 1 REFUELER TRUCK LOADING SYSTEM PLAN

SCALE: 3/8" = 1'-0"

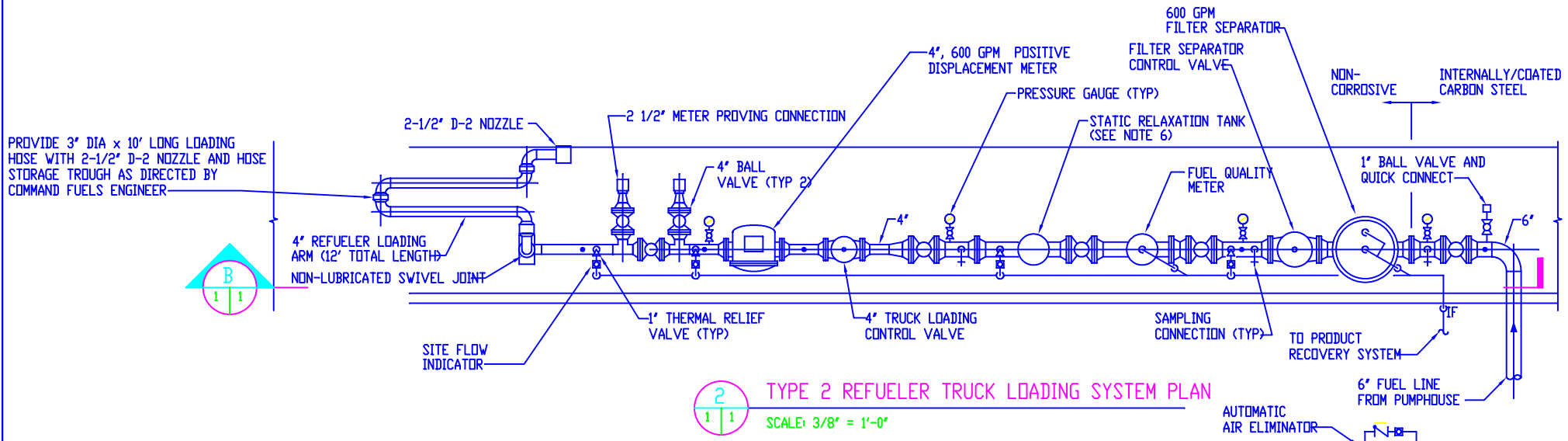


A 1 1 SECTION

SCALE: 3/8" = 1'-0"

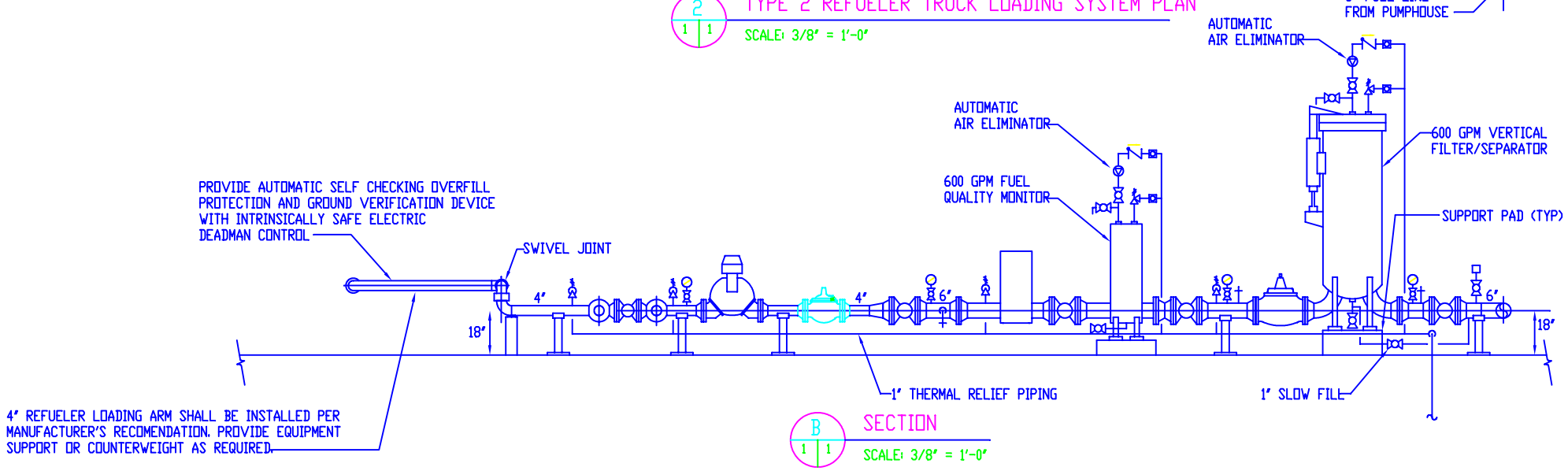
GENERAL NOTES:

1. PROVIDE THERMAL RELIEF BETWEEN ISOLATED PIPING SECTIONS.
2. PROVIDE SAMPLING CONNECTIONS AND PRESSURE GAUGES AS SHOWN OR AS DIRECTED BY COMMAND FUELS ENGINEER.
3. SEE MIL-HDBK-1022 AND NFGS 15194 FOR ADDITIONAL REQUIREMENTS.
4. PROVIDE EMERGENCY EYEWASH FACILITIES PER OSHA REGULATIONS.
5. PIPING MATERIALS SHALL BE 100% NON-CORROSIVE IE STAINLESS STEEL OR ALUMINUM. WHERE PERMITTED BY MIL HDBK 1022, CARBON STEEL OR INTERNALLY COATED CARBON STEEL PIPING MAY BE USED IF DIRECT BY COMMAND FUELS FACILITY ENGINEER.
6. 30 SECOND STATIC RELAXATION TANK REQUIRED FOR JP-5. AT 600 GPM, TANK CAPACITY EQUALS 300 GALS.
7. PROVIDE A HIGH PERFORMANCE WAFER TRUNION VALVE W/ 165°F FUSIBLE LINK AT GROUND LEVEL WHEN PIPING RISES AT FUELING ISLANDS.
8. TYPE I WHEN REFUELER FILL STAND IS CONSTRUCTED AS A BRANCH OFF AN AIRCRAFT DIRECT FUELING SYSTEM USING ALL NON-CORROSIVE PIPING.
9. TYPE 2 WHEN REFUELER FILL STAND IS SUPPLIED FROM STORAGE VIA AN INTERNALLY EPOXY COATED OR UNCOATED CARBON STEEL SYSTEM.



2 1 1 TYPE 2 REFUELER TRUCK LOADING SYSTEM PLAN

SCALE: 3/8" = 1'-0"



B 1 1 SECTION

SCALE: 3/8" = 1'-0"

REVISIONS

ZONE	DESCRIPTION	DATE	APPROVED

A/E EFD
LB DESIGN —
JB DRAFTED —
MF REVIEW —
TS CHIEF ARCH/ENGR.
PROJECT MANAGER
FIRE PROTECTION
QUALITY CONTROL
MANAGER MANAGER
DESIGN DIRECTOR

Robert and Company
Engineers - Architects - Planners
96 Popular Street, N.W. Atlanta, Georgia 30335-6001

A/E CONTRACT NO. N62467-95-D-1100
APPROVED DATE

ACTIVITY - SATISFACTORY TO
APPROVED DATE

SATISFACTORY TO
FOR, COMMANDER, NAVAIRSYSCOM DATE

FOR EFD, FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL STATION NORFOLK, VIRGINIA
DEFINITIVE STANDARD

REFUELER TRUCK LOADING SYSTEM PLANS, SECTIONS AND GENERAL NOTES

CODE I.D. NO. 80091 SIZE D

SCALE: —

EFD NO. —

STA. PROJ. NO. —

SPEC. NO. —

CONSTRN. CONTR. NO. —

NAVFAC DRAWING NO. 1404004

SHEET — OF —

1 OF 1

SAC JOB NO. 99009-00