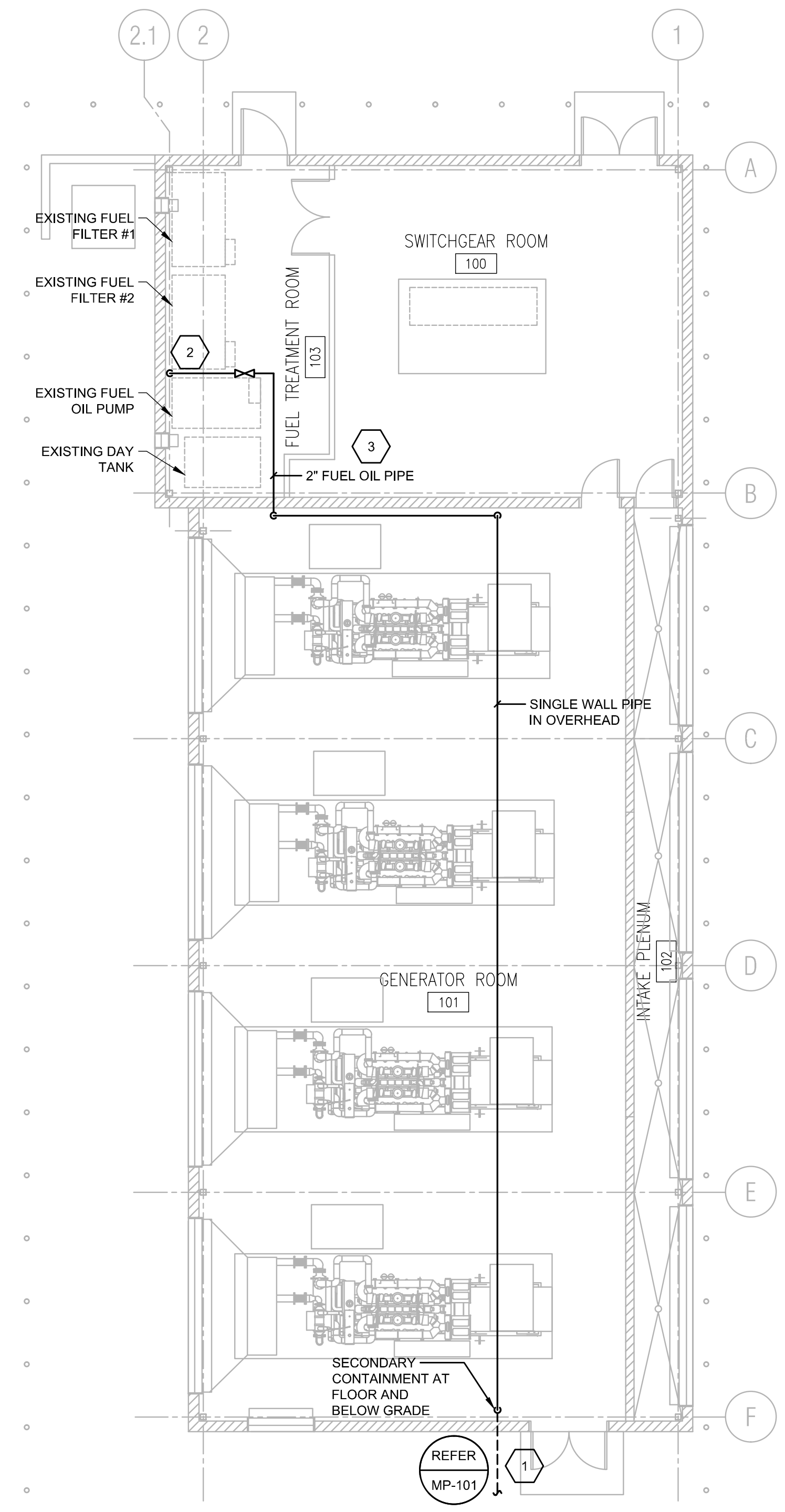
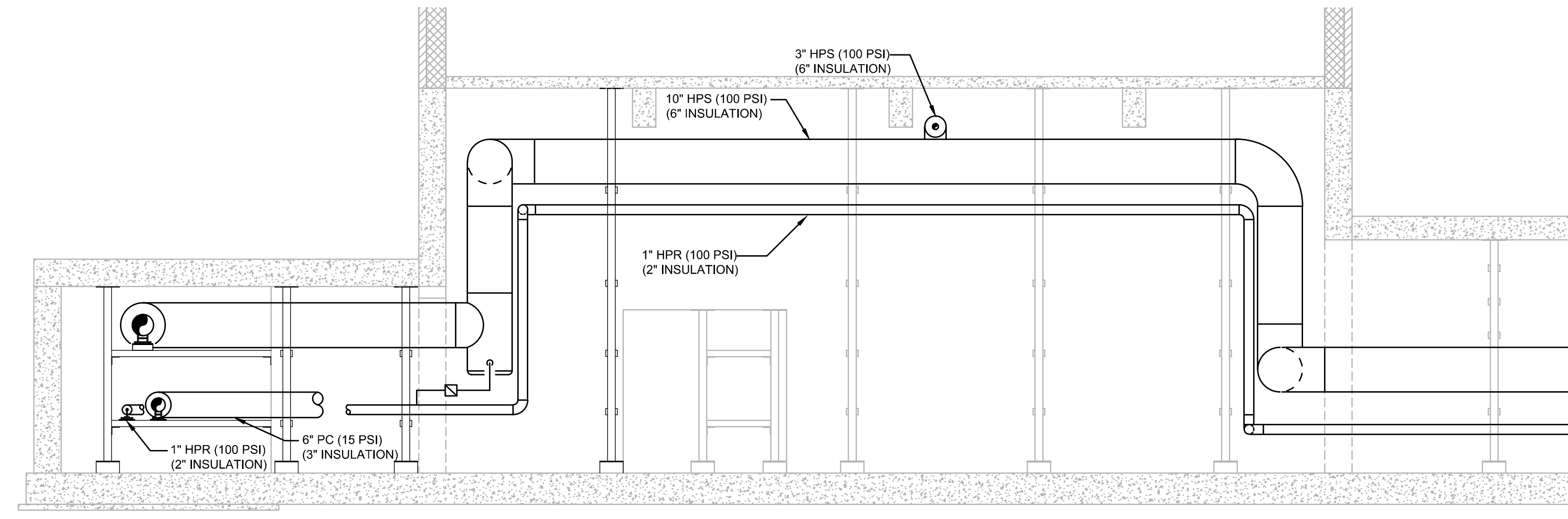


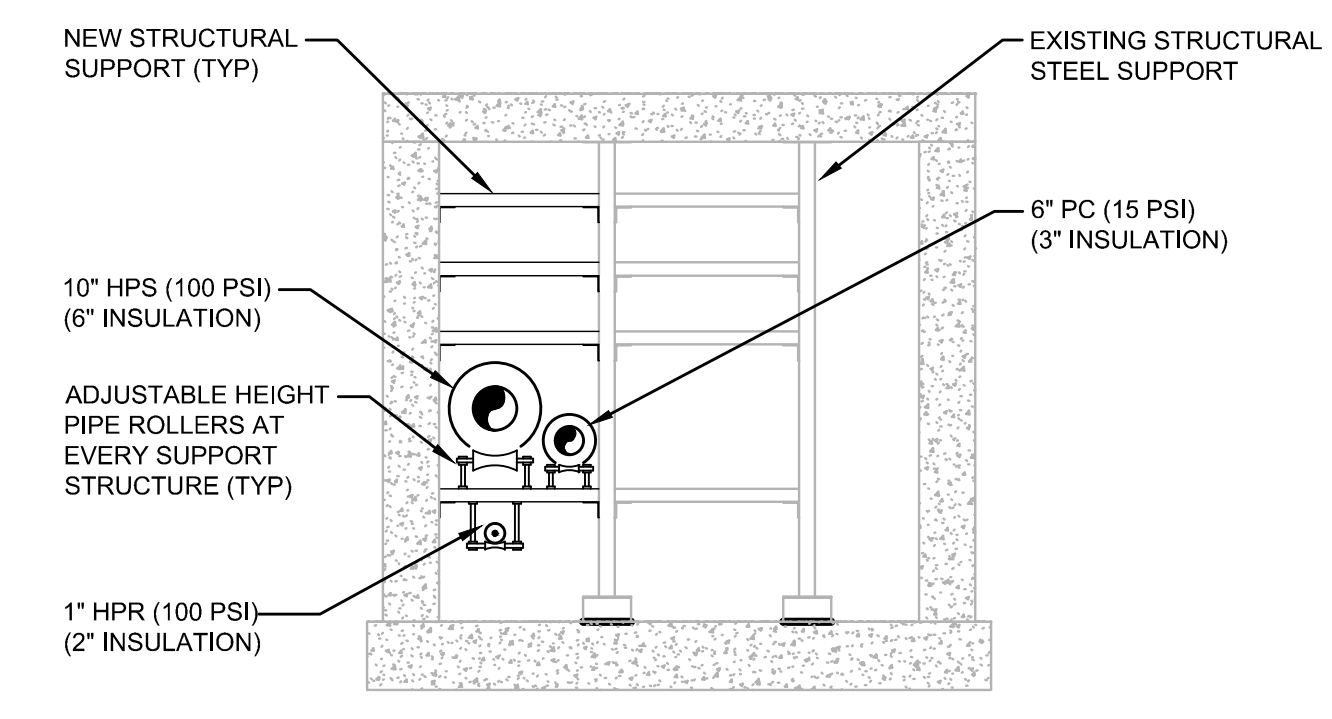
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



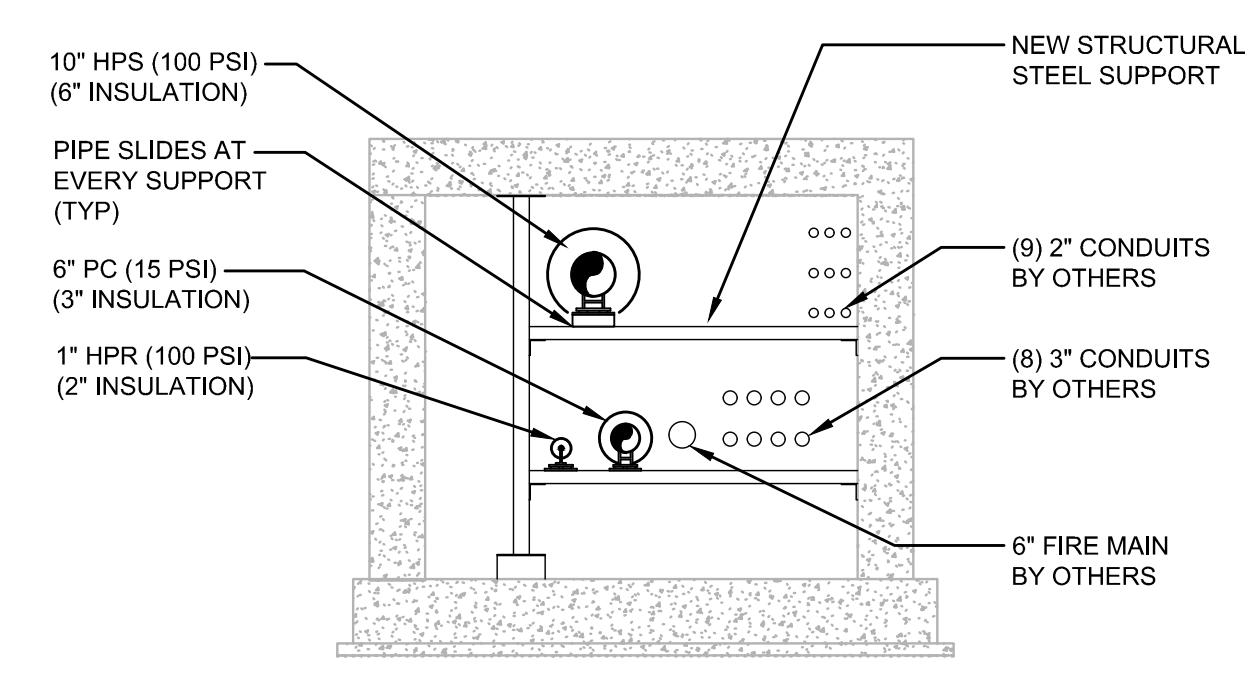
4 GENERATOR BUILDING PIPING PLAN
SCALE: 1/8" = 1'-0"



1 MECHANICAL TUNNEL PLAN
SCALE: 1/8" = 1'-0"



3 SECTION THRU EXISTING TUNNEL
SCALE: 1/4" = 1'-0"



2 SECTION THRU NEW TUNNEL
SCALE: 1/4" = 1'-0"

GENERAL NOTES

- SOME WORK MAY BE REQUIRED TO BE PERFORMED AFTER HOURS AND/OR ON WEEKENDS. WORK SHALL BE PHASED SO AS TO MINIMIZE INTERRUPTION OF BUILDING OPERATIONS. COORDINATE ALL SYSTEM SHUTDOWNS WITH VAMC.
- CONTRACTOR TO COORDINATE WITH ALL TRADES TO ENSURE ADEQUATE ACCESS IS PROVIDED TO ALL VALVES AND TRAPS.
- FOR CLARITY, NOT ALL PIPE RISES AND DROPS ARE SHOWN.
- INSTALL ADJUSTABLE HEIGHT PIPE ROLLERS AT ALL EXISTING STEEL STRUCTURAL SUPPORTS, UNLESS PIPE ANCHOR IS REQUIRED.
- INSTALL PIPE SLIDES AT ALL NEW STEEL STRUCTURAL SUPPORTS, UNLESS PIPE ANCHOR IS REQUIRED.

SHEET KEYNOTES

- ROUTE FUEL OIL PIPING BELOW GRADE TO NEW BOILER BUILDING. TOP OF PIPE TO BE A MINIMUM OF 36" BELOW GRADE.
- CONNECT TO COMMON DISCHARGE PIPE FROM FUEL FILTER UNITS NEAR FLOOR.
- DO NOT ROUTE FUEL OIL PIPING THRU SWITCHGEAR ROOM.

FINAL DESIGN
APPROVED FOR CONSTRUCTION

CONSULTANTS: AEI Affiliated Engineers Affiliated Engineers SE, Inc. Tioga Town Center 12921 SW 1st Road Ste 205 Gainesville, Florida 32609 Tel: 352.376.5500 Fax: 352.375.3479 CA-5140 AEI Project No: 14089-00		ENGINEER-OF-RECORD JACK STEWART NEALE FL. P.E. NO. 42678	ARCHITECT/ENGINEERS: AKEA INC. 3603 NW 98th Street, Suite B Gainesville, FL 32606 Phone: (352) 474-6124 Fax: (352) 474-6324 COA: FL #26693 AKEA Project No. 083-14	Drawing Title TUNNEL SECTIONS AND DETAILS	Project Title REPLACE BOILERS - FCA D, ENERGY AT THE MALCOM RANDALL VAMC	Project Number 573-14-600 Building Number	Location GAINESVILLE, FLORIDA	Date JULY 8, 2016	Checked JSN	Drawn RWD	Drawing Number MP103	Office of Construction and Facilities Management Department of Veterans Affairs
Revisions:		Date										