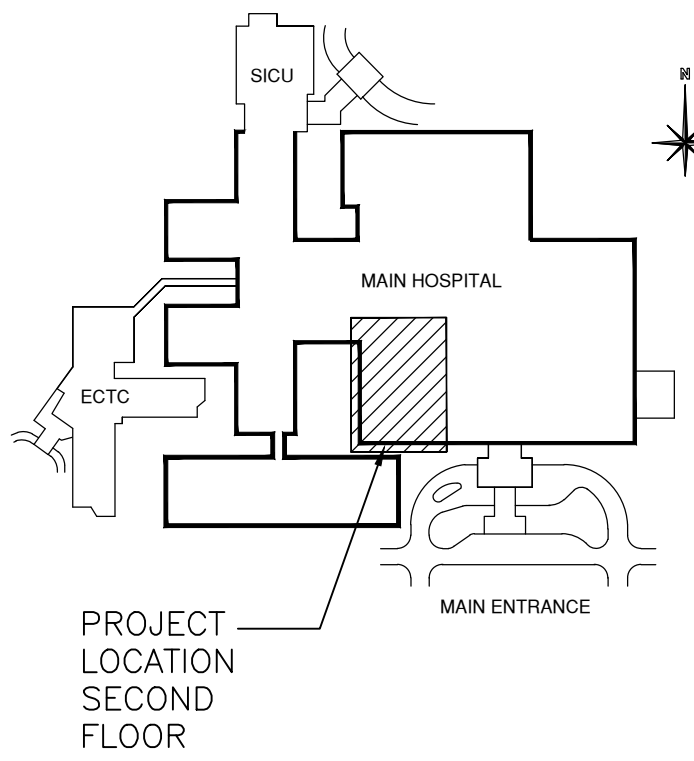
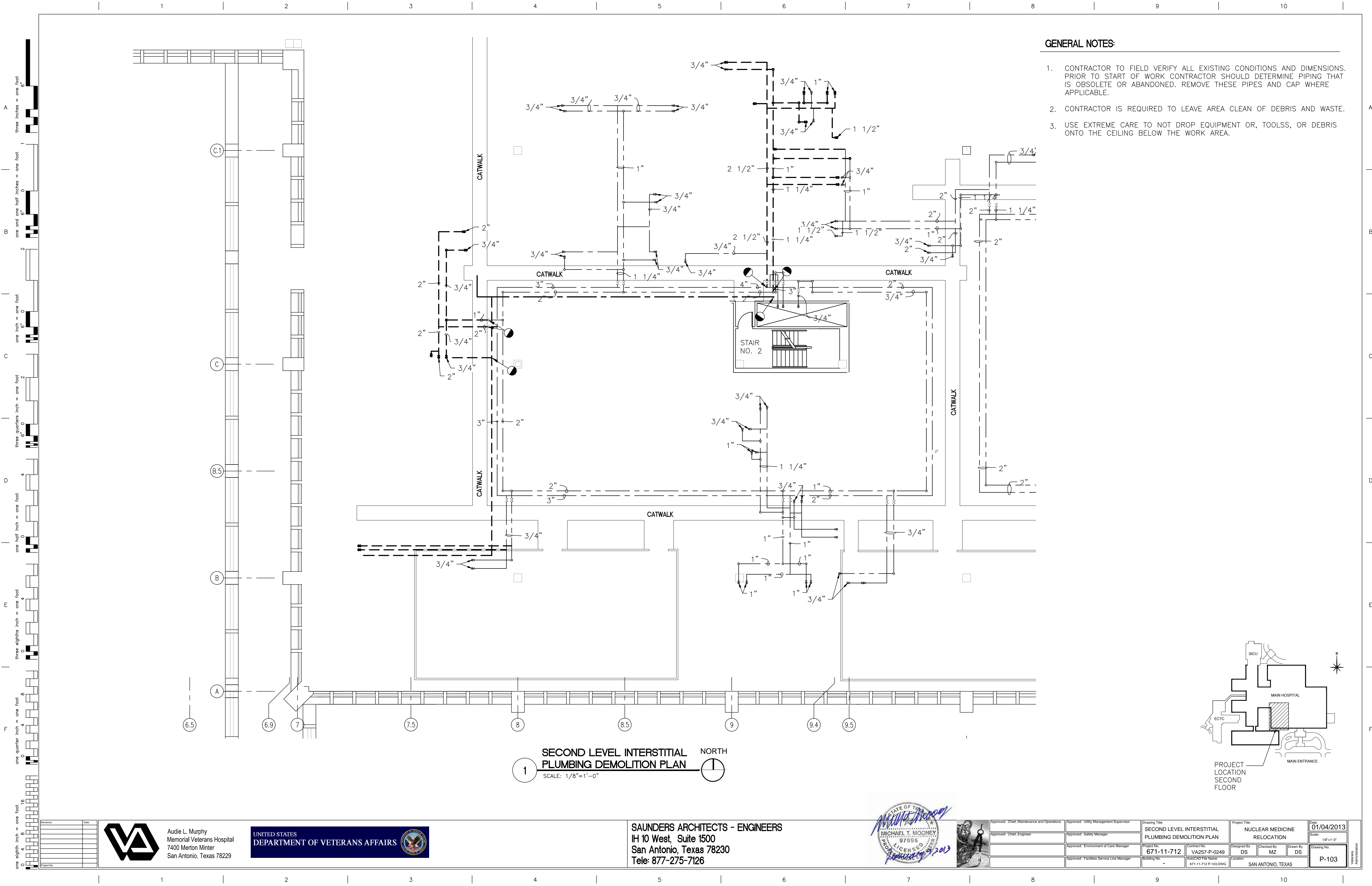


GENERAL NOTES:

1. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. PRIOR TO START OF WORK NOTIFY A/E OF ANY AND ALL DISCREPANCIES.
2. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE VA PROJECT MANAGER PRIOR TO START OF WORK.
3. RUN WASTE PIPE SHOWN ON THIS SHEET IN THE INTERSTITIAL SPACE BELOW THIS FLOOR.

1 SECOND LEVEL PLUMBING PLAN
SCALE: 1/8"=1'-0"



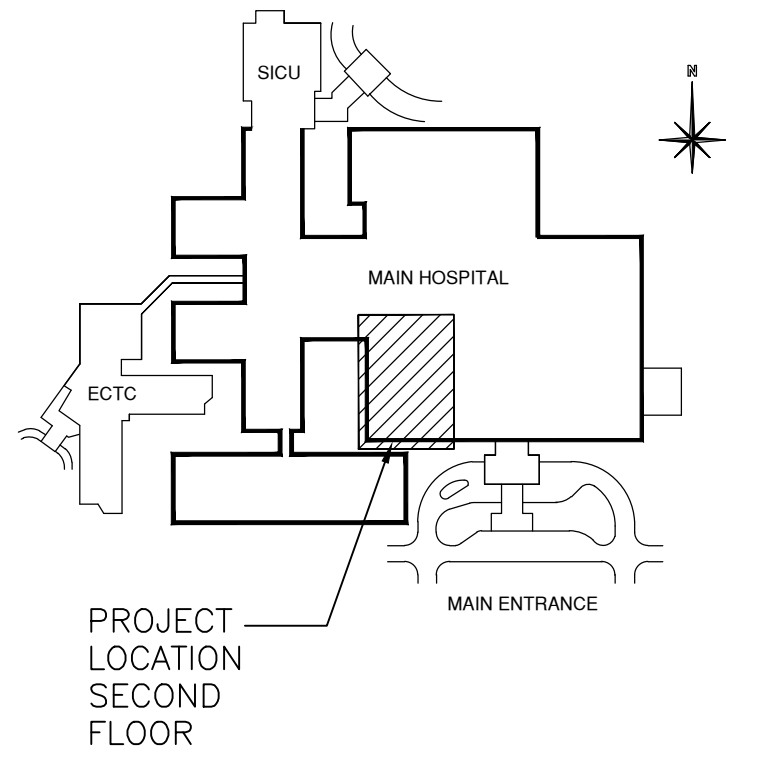


- GENERAL NOTES:**
1. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. PRIOR TO START OF WORK CONTRACTOR SHOULD DETERMINE PIPING THAT IS OBSOLETE OR ABANDONED. REMOVE THESE PIPES AND CAP WHERE APPLICABLE.
 2. CONTRACTOR IS REQUIRED TO LEAVE AREA CLEAN OF DEBRIS AND WASTE.
 3. USE EXTREME CARE TO NOT DROP EQUIPMENT OR, TOOLSS, OR DEBRIS ONTO THE CEILING BELOW THE WORK AREA.

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

A
B
C
D
E
F

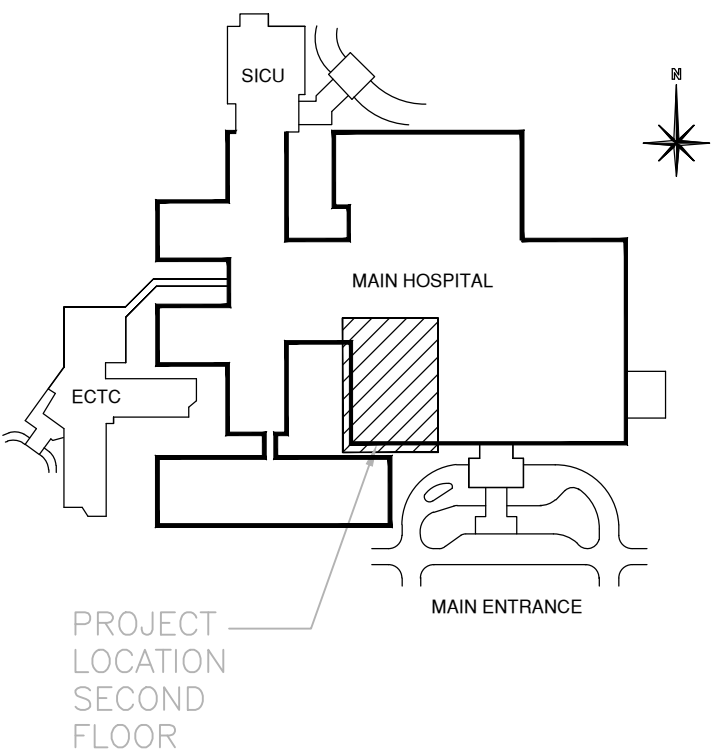
1 SECOND LEVEL INTERSTITIAL PLUMBING DEMOLITION PLAN NORTH
SCALE: 1/8"=1'-0"



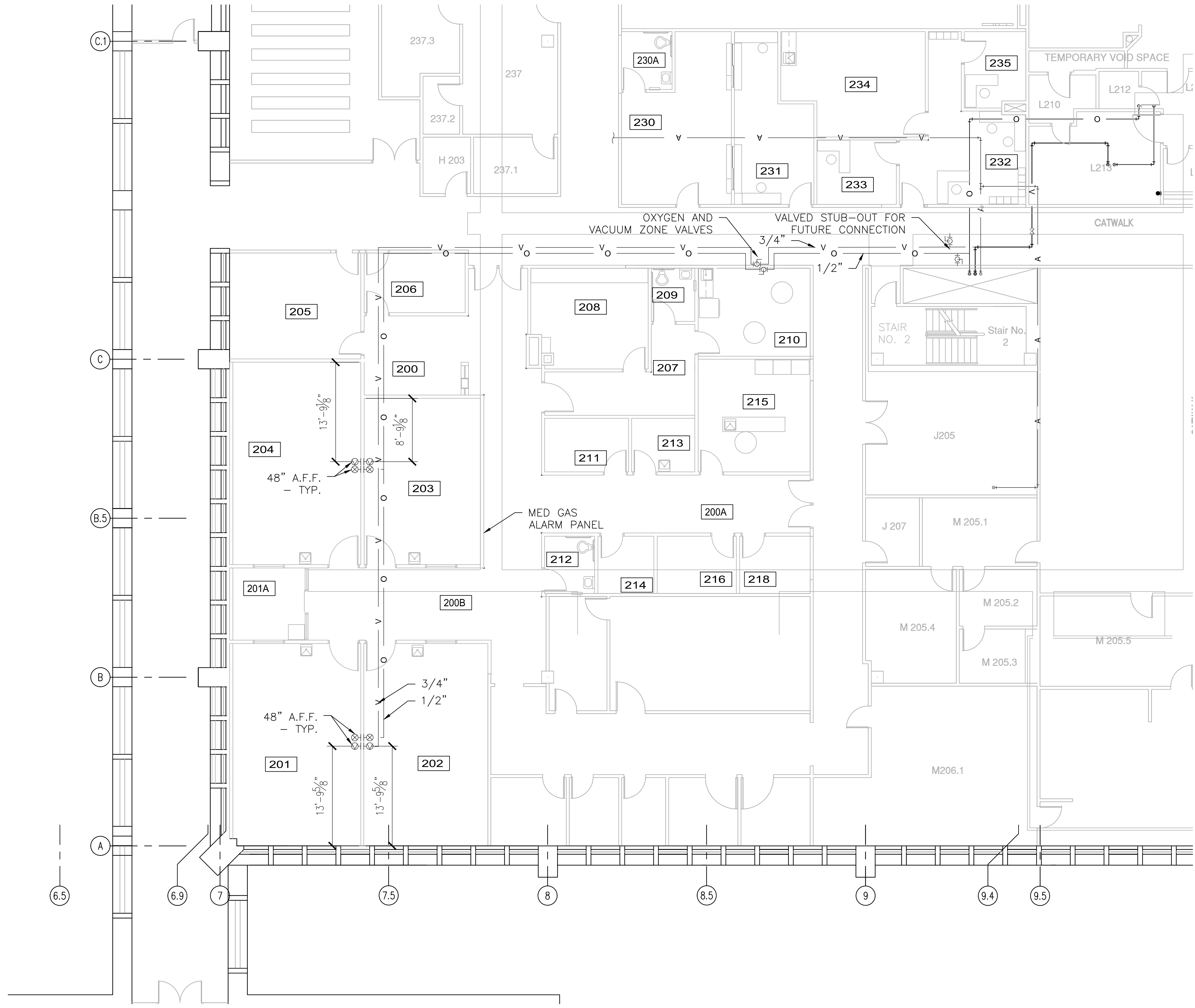
GENERAL NOTES:

- CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS.
- PRIOR TO START OF WORK NOTIFY A/E OF ANY AND ALL DISCREPANCIES.
- CONTRACTOR SHALL COORDINATE ALL WORK WITH THE VA PROJECT MANAGER PRIOR TO START OF WORK.
- MAKE VACUUM AND OXYGEN CONNECTION IN THE LOCATION INDICATED ON THE FIRST FLOOR, NOT THIS FLOOR. DROP LINES BACK TO THE SECOND FLOOR. IF ADEQUATE SIZE STUB-OUT IS NOT AVAILABLE UTILIZE THE FOLLOWING:
MEDICAL GAS PIPE "HOT-TAP" PROCEDURE
 - CLOSELY COORDINATE WITH THE VA AND OBTAIN WRITTEN APPROVAL.
 - CONNECTIONS SHALL BE PERFORMED BY A FIRM SPECIALIZING IN "HOT-TAPPING" EXISTING ACTIVE MEDICAL GAS PIPING SYSTEMS.
 - THE PROCEDURE SHALL INCORPORATE BLOCKING VALVES, BLOCKING GLANDS, PNEUMATIC END SEALS AND EMPLOY A CRYOGENIC COMPRESSION FITTING TECHNOLOGY THAT IS APPROVED BY THE NATIONAL FIRE PROTECTION ASSOCIATION AND MANUFACTURED FOR USE ON MEDICAL GAS AND VACUUM PIPE SYSTEMS.
 - CRYOGENIC COMPRESSION FITTINGS SHALL BE ASTM F 2036, NICKEL-TITANIUM, SHAPE-MEMORY-ALLOY, MANUFACTURED CLEANED, PURGED, AND SEALED FOR OXYGEN SERVICE ACCORDING TO CGA G-4.1. MEMORY-METAL FITTINGS SHALL BE TESTED AND RATED TO BURST PRESSURE OF THE COPPER PIPE, APPROXIMATELY 7500 PSIG. THE COUPLING SHALL MEET OR EXCEED THE STANDARD FOR A BRAZED JOINT AND NOT GENERATE ANY CONTAMINATION DURING INSTALLATION.
 - COUPLINGS SHALL BE APPLIED WITHOUT THE USE OF HEAT AND SHALL PROVIDE A PERMANENT, LEAK-FREE, METAL-TO-METAL SEAL BETWEEN THE COUPLING AND THE TUBES OR PIPE THROUGHOUT THE LIFE OF THE JOINT.
 - REDUNDANT COMPONENTS SHALL BE AVAILABLE DURING THE PROCEDURE FOR RE-INSTALLATION PURPOSES.
 - ACCEPTABLE MEDICAL GAS "HOT-TAPPING" VENDER:

SMART TAP, INC.
P.O. BOX 277
415 MAIN STREET
OLEY, PA 19547
PH: 610-987-3001
- SEE SECOND LEVEL PHASING PLAN (SHEET A-100).



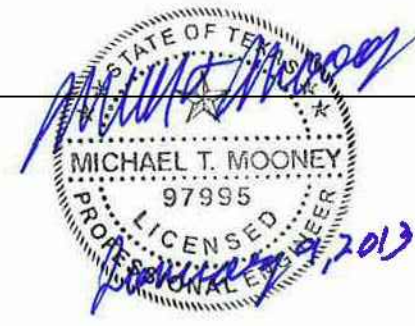
1 SECOND LEVEL MEDICAL GAS PLAN
SCALE: 1/8"=1'-0"



Audie L. Murphy
Memorial Veterans Hospital
7400 Merton Minter
San Antonio, Texas 78229



SAUNDERS ARCHITECTS - ENGINEERS
1H 10 West, Suite 1500
San Antonio, Texas 78230
Tele: 877-275-7126



Approved: Chief, Maintenance and Operations	Approved: Utility Management Supervisor	Drawing Title	Project Title	Date
Approved: Chief, Engineer	Approved: Safety Manager	SECOND LEVEL MEDICAL GAS PLAN	NUCLEAR MEDICINE RELOCATION	01/04/2013
Approved: Environment of Care Manager	Approved: Facilities Service Line Manager	Project No. 671-11-712	Contract No. VA257-P-0249	Scale: 1/8"=1'-0"
		Building No. -	Location SAN ANTONIO, TEXAS	Drawing No. P-104

