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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

PLUMBING FIXTURE SCHEDULE									
SYMBOL	FIXTURE DESIGNATION	CONNECTION SIZES				FLOW	MODEL NO. (OR EQUAL)	MANUFACTUR (OR EQUAL)	DESCRIPTION
		WASTE	VENT	CW	HW				
P-1	WATER CLOSET	4"	2"	1 1/2"	-	1.6 GPF	AFWALL 2257.103 OPTIMA PLUS 8111	AMERICAN STANDARD SLOAN	WALL HUNG, ENLONGATED BOWL, 1.6 GPM, WALL OUTLET
P-2	WATER CLOSET (BARIATRIC)	4"	2"	1 1/2"	-	1.6 GPF	PRIOLO FLOWISE 3695.001 OPTIMA PLUS 8111	AMERICAN STANDARD SLOAN	FLOOR MOUNT, ENLONGATED REAR OUTLET, 1.6 GPM
P-3	LAVATORIES	1 1/2"	1 1/2"	1/2"	1/2"	2.5 GPM	ROSELYN 0498.001 KOHLER K-13770, K-13816	AMERICAN STANDARD KOHLER	FOOT PEDAL CONTROL, COUNTER MOUNTED STAINLESS STEEL
P-4	LAVATORIES	1 1/2"	1 1/2"	1/2"	1/2"	1.5 GPM	LUCERNE 0356.028 MONTERREY 6545.170	AMERICAN STANDARD KOHLER	WALL HUNG, WRIST CONTROL, SWIVEL GOOSENECK SPOUT
P-5	LAVATORIES	1 1/2"	1 1/2"	1/2"	1/2"	0.5 GPM	LUCERNE 0356.041 KOHLER K-13472	AMERICAN STANDARD KOHLER	WALL HUNG, SINGLE CENTER FAUCET HOLE, SENSOR CONTROL, GOOSENECK SPOUT
P-6	SERVICE SINK	3"	2"	3/4"	3/4"	2.5 GPM	TSBCR 1100 28"x28" Z843M1	FIAT ZURN	FLOOR MOUNTED, STAIN RESISTANT TERRAZZO
P-7	KITCHEN SINK	1 1/2"	1 1/2"	1/2"	1/2"	2.2 GPM	KOHLER K-3258-4, K-15172-F	KOHLER	COUNTER TOP, SINGLE COMPARTMENT

PLUMBING ABBREVIATIONS

A/E	ARCHITECT / ENGINEER
AFB	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AG	AIR GAP
AP	ACCESS PANEL
AS	AUTOMATIC SPRINKLER
ASD	AUTOMATIC SPRINKLER DRAIN
ASPE	AMERICAN SOCIETY PLUMBING ENGINEERS
ASR	AUTOMATIC SPRINKLER RISER
C	CELSIUS
CI	CAST IRON
CO	CLEANOUT
CS	CLINICAL SINK
CTE	CONNECT TO EXISTING
CV	CONTROL VALVE
DCW	DOMESTIC COLD WATER
DIHW	DOMESTIC HOT WATER
DIHWR	DOMESTIC HOT WATER RETURN
DN	DOWN
DWG	DRAWING
DWH	DOMESTIC WATER HEATER
EL	ELEVATION
ESC	ESCUTCHEON
EX	EXISTING
FCO	FLOOR CLEANOUT
FCW	FILTERED COLD WATER
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT (HOSE) CONNECTION
FM	FLOW METER
FS	FLOOR SINK
FS	FLOW SWITCH
FU	FIXTURE UNITS
GAL	GALLON
H&CW	HOT AND COLD WATER
HB	HOSE BIBB
HD	HUB DRAIN
HS	HAND SINK
INV	INVERT
IPC	INTERNATIONAL PLUMBING CODE
LAV	LAVATORY
MSB	MOP SERVICE BASIN
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NTC	NOT TO SCALE
PSI	POUNDS PER SQUARE INCH
SAN	SANITARY SEWER
SPR	SPRINKLER LINE
SQFT	SQUARE FEET
TCV	TEMPERATURE CONTROL VALVE
TEMP	TEMPERATURE
TMV	THERMOSTATIC MIXING VALVE
TYP	TYPICAL
V	VENT
W	WASTE
WCO	WALL CLEANOUT

PLUMBING PIPING SYMBOLS

	EXISTING PIPING TO BE REMOVED
	EXISTING PIPING TO REMAIN
	NEW PIPING TO BE INSTALLED
	DOMESTIC COLD WATER, COLD WATER
	DOMESTIC HOT WATER, HOT WATER
	DOMESTIC HOW WATER RETURN, HOT WATER RETURN
	SANITARY SEWER
	VENT

GENERAL NOTES

- ALL VENT, HOT AND COLD WATER PIPING ARE AT CEILING OR IN HUNG CEILING, EXCEPT IN PIPE SPACES OR WHERE OTHERWISE NOTED.
- CONTRACTOR SHALL CHECK AND VERIFY THE EXACT LOCATION OF ALL PIPE PENETRATIONS AND MAKE CERTAIN THERE ARE NO OBSTRUCTIONS AND INTERFERENCES.
- CONTRACTOR SHALL REFER TO AND COORDINATE WITH ARCHITECTURAL DRAWINGS AND WORK FOR EXACT LOCATION OF ALL PLUMBING FIXTURES.
- ALL PIPES PENETRATION THROUGH WALLS AND FLOORS SHALL BE PROVIDED WITH REQUIRED OPENINGS, SLEEVES, SEALS AND PACKINGS. REFER TO STRUCTURAL DRAWINGS FOR CONCRETE PADS.
- PLUMBING: REMOVAL AND RECONNECTION OF SANITARY FIXTURES MUST BE DONE BY A LICENSED MASTER PLUMBER AND FILED WITH AUTHORITY HAVING JURISDICTION AS THE PLUMBING WORK TYPE AS PER IPC.
- PLUMBING DEMOLITION SHALL BE COORDINATED WITH THE PROJECT MANAGER.

PLUMBING VALVE SYMBOLS

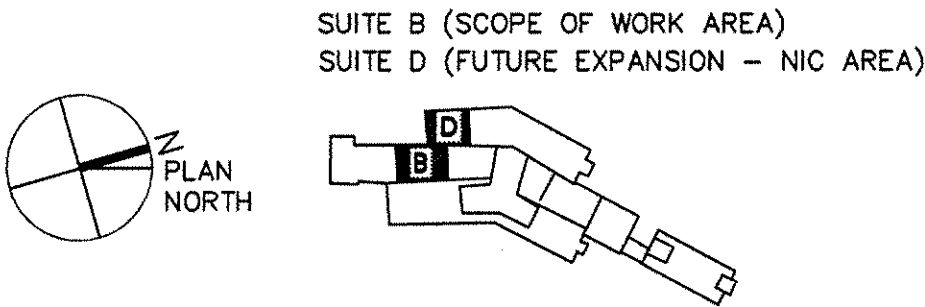
	BALL VALVE
	GLOBE VALVE
	CHECK VALVE
	BUTTERFLY VALVE
	BALANCING VALVE ASSEMBLY (BVA)

GENERAL PLUMBING SYMBOLS

	DIRECTION OF PIPE PITCH (DOWN)
	DIRECTION OF FLOW
	ANCHOR
	REDUCER OR INCREASER
	ECCENTRIC REDUCER
	TOP CONNECTION, 45° OR 90°
	BOTTOM CONNECTION, 45° OR 90°
	SIDE CONNECTION
	CAPPED OUTLET
	RISE OR DROP IN PIPE
	UNION
	PIPE UP
	PIPE DOWN
	POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
	LIMIT OF DEMOLITION
	CLEAN OUT

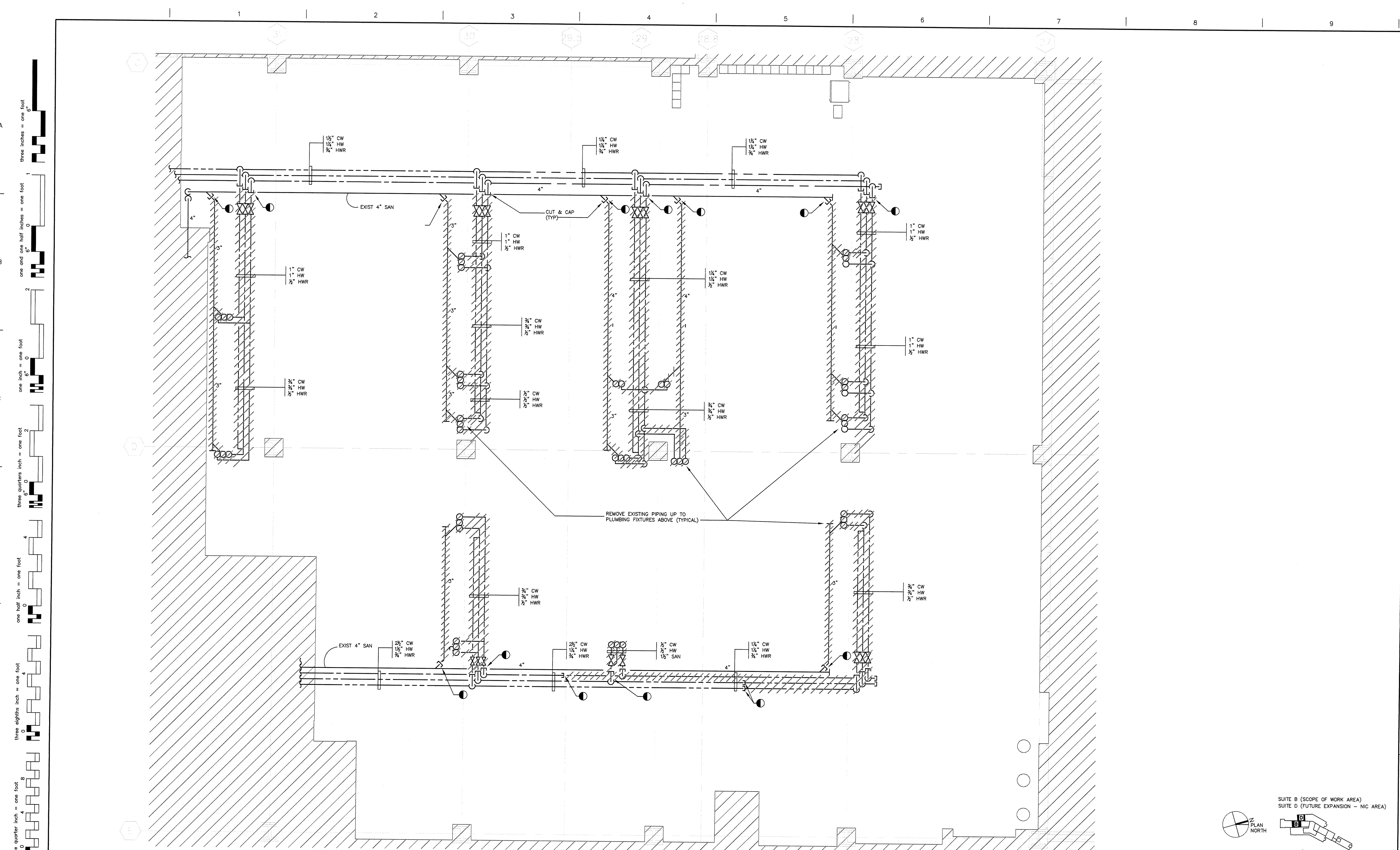
PLUMBING DEMOLITION NOTES

- ALL EXISTING SYSTEMS SHALL BE LEFT IN PERFECT WORKING ORDER UPON COMPLETION OF ALL NEW WORK.
- EXACT SIZES AND LOCATIONS OF ALL EXISTING PIPING SHALL BE VERIFIED ON THE JOB.
- NO REMOVED EXISTING PIPING SHALL BE REUSED UNLESS OTHERWISE INDICATED.
- THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT FOR APPROVAL, PRIOR TO INSTALLATION, COMPLETE LAYOUT DRAWINGS INDICATING ALL PIPING SIZING.
- ALL EXISTING PIPING NOT SPECIFICALLY INDICATED TO BE REMOVED SHALL REMAIN AS IS.
- ANY AND ALL REQUIRED DEMOLITION WORK TO BE PERFORMED ABOVE EXISTING SUSPENDED CEILINGS AND FURRED OUT WALLS SHALL BE DONE AT THE TIME WHEN THE EXISTING CEILINGS AND FURRED OUT WALLS ARE REMOVED BY THE GENERAL CONTRACTOR.
- ALL EQUIPMENT AND INSTALLATIONS MUST BE EQUAL TO THE STANDARDS OF THE BASE BUILDING. ANY DEVIATION FROM BUILDING STANDARDS WILL BE PERMITTED ONLY IF INDICATED OR SPECIFIED ON THESE PLANS AND SPECIFICATIONS, AND APPROVED.
- TO ENSURE CONTINUOUS OPERATION, MAKE ALL NECESSARY TEMPORARY CONNECTIONS BETWEEN NEW AND EXISTING WORK. ALL COSTS RESULTING FROM TEMPORARY SHUTDOWNS SHALL BE BORNE BY THIS CONTRACTOR.
- EXISTING PIPING SHALL BE CUT, REMOVED AND CAPPED AS INDICATED ON DRAWINGS, UNLESS OTHERWISE NOTED.

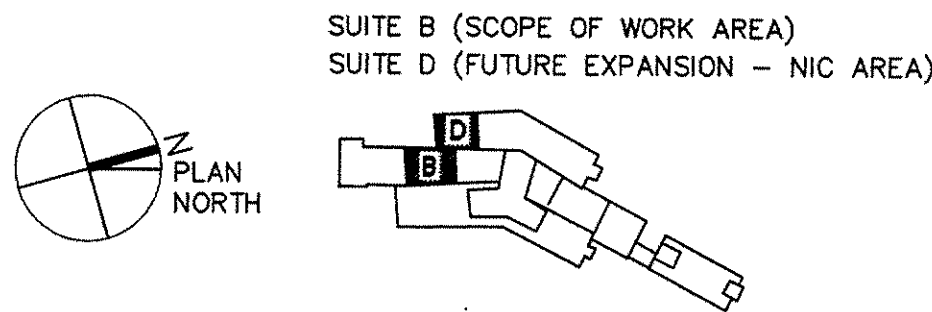


FULLY SPRINKLERED

BID SUBMISSION	07/16/2013	CONSULTANTS:	ARCHITECT/ENGINEERS:	PROFESSIONAL SEALS:	Dr. John J. Sanderson MD : Patient Care Center Director	Drawing Title	Project Title	Project Number	Engineering Service Department of Veterans Affairs
			ELLERBE BECKET		Abigail Rodriguez RN : Program Management Officer	PLUMBING NOTES, ABBREVIATIONS AND SYMBOLS	JAMES J. PETERS VA MEDICAL CENTER BRONX NEW YORK RENOVATE PRIMARY CARE SUITE B	526-13-106	
					Eather Hicken RN : Clinical Nurse Manager	Approved Director: VA/HVCS	Location	Building Number	
					Richard Jono : Safety and Occupational Health Manager	Approved Chief of Engineering : Michael Ong	BRONX NEW YORK	100	
Revisions	Date						Date	Drawing Number	
							18 JULY 2013	PI001	
							Checked	Dwg. 35 of 47	
							EA	GB	

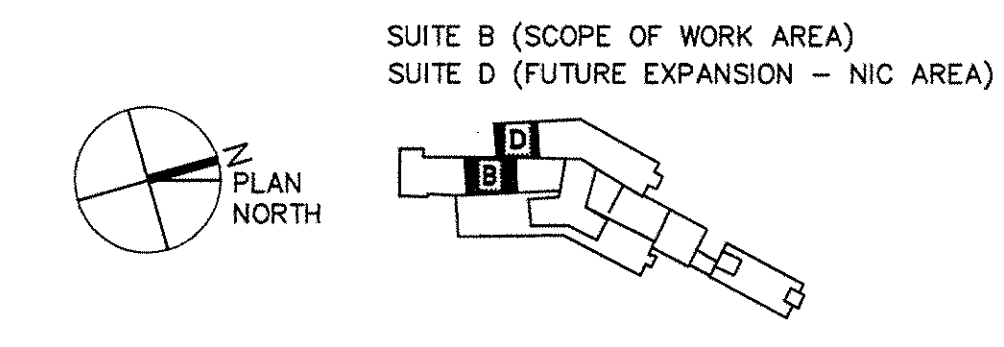
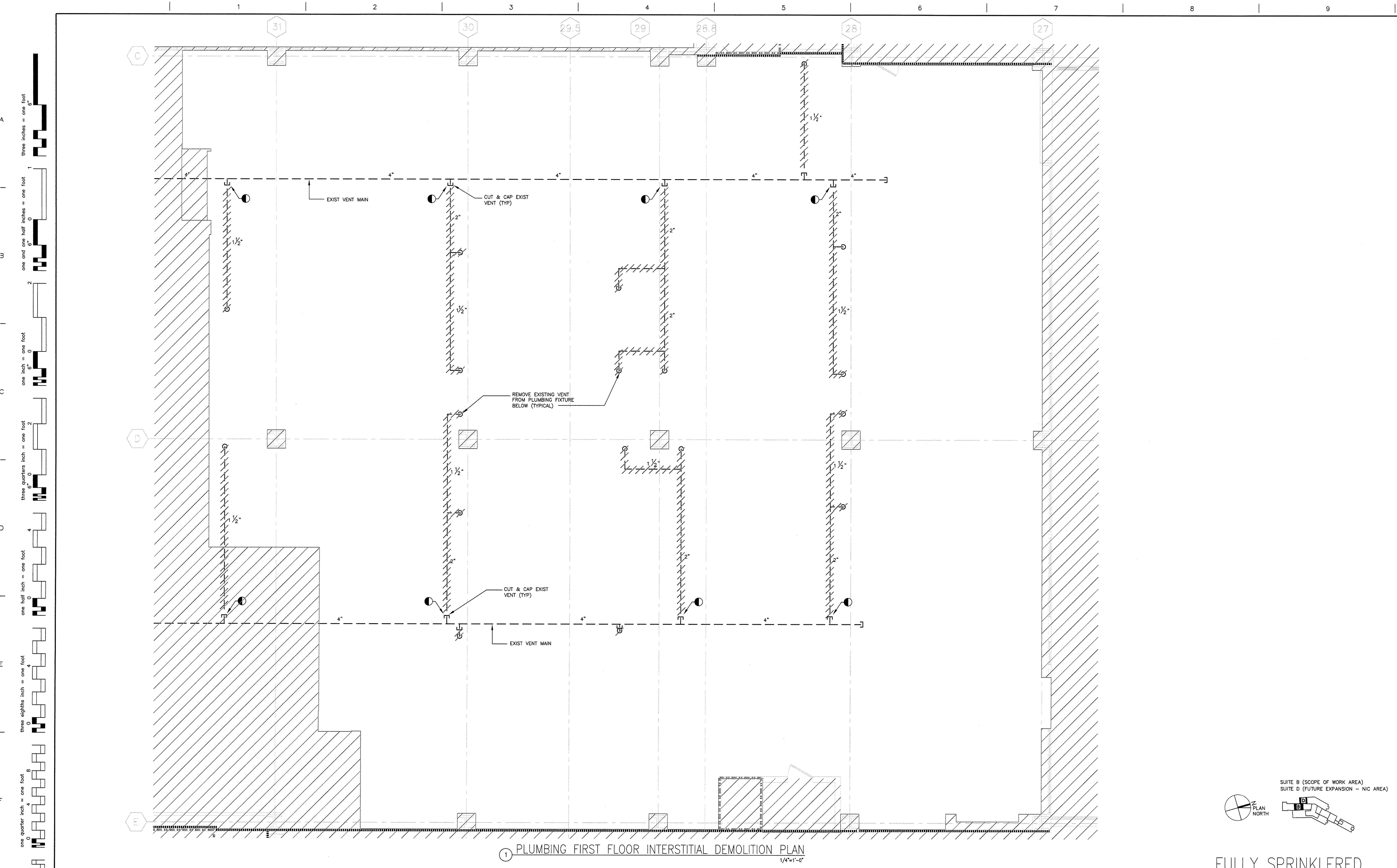


1 PLUMBING GROUND FLOOR INTERSTITIAL DEMOLITION PLAN
1/4"=1'-0" 1/4"=1'-0"



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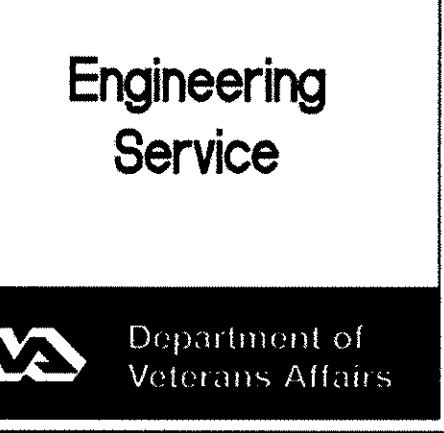
BID SUBMISSION 07/16/2013		CONSULTANTS:		ARCHITECT/ENGINEERS: ELLERBE BECKETT STV 100 years		PROFESSIONAL SEALS: Dr. John J. Sanderson MD : Patient Care Center Director Abigail Rodriguez RN : Program Management Officer Esther Hicken RN : Clinical Nurse Manager Richard Joao : Safety and Occupational Health Manager		Drawing Title: PLUMBING GROUND FLOOR INTERSTITIAL DEMOLITION PLAN Approved: Director, VAHVCS Approved: Chief of Engineering : Michael Ong		Project Title: JAMES J. PETERS VA MEDICAL CENTER BRONX NEW YORK RENOVATE PRIMARY CARE SUITE B Location BRONX NEW YORK Date 18 JULY 2013		Project Number: 526-13-106 Building Number: 100 Drawing Number: PD101 Dwg. 36 of 47		Engineering Service Department of Veterans Affairs	
Revisions:		Date:								Checked: EA		Drawn: GB			

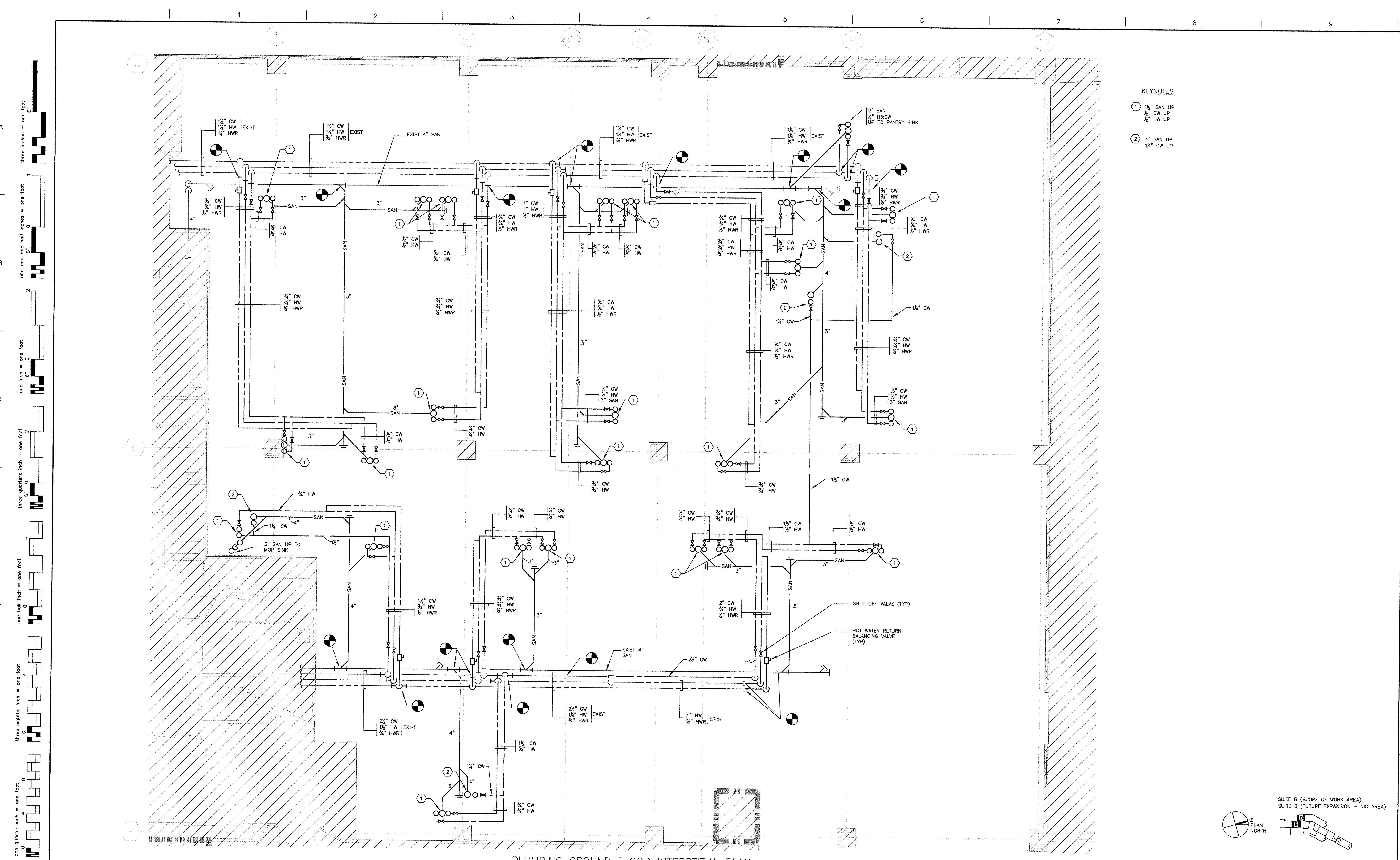


1 PLUMBING FIRST FLOOR INTERSTITIAL DEMOLITION PLAN
1/4"=1'-0"

FULLY SPRINKLERED

BID SUBMISSION		07/16/2018		CONSULTANTS:		ARCHITECT/ENGINEERS:		PROFESSIONAL SEALS:		Dr. John J. Sanderson MD : Patient Care Center Director		Drawing Title		Project Title		Project Number	
						ELLERBE BECKET				Abigail Rodriguez RN : Program Management Officer		PLUMBING		JAMES J. PETERS VA MEDICAL CENTER		526-13-106	
										Esther Hicken RN : Clinical Nurse Manager		FIRST FLOOR INTERSTITIAL DEMOLITION PLAN		BRONX NEW YORK		Building Number	
										Richard Joao : Safety and Occupational Health Manager		Approved Director, VAH/VCS:		RENOVATE PRIMARY CARE SUITE B		100	
Revisions		Date										Approved Chief of Engineering : Michael Ong		Location		Drawing Number	
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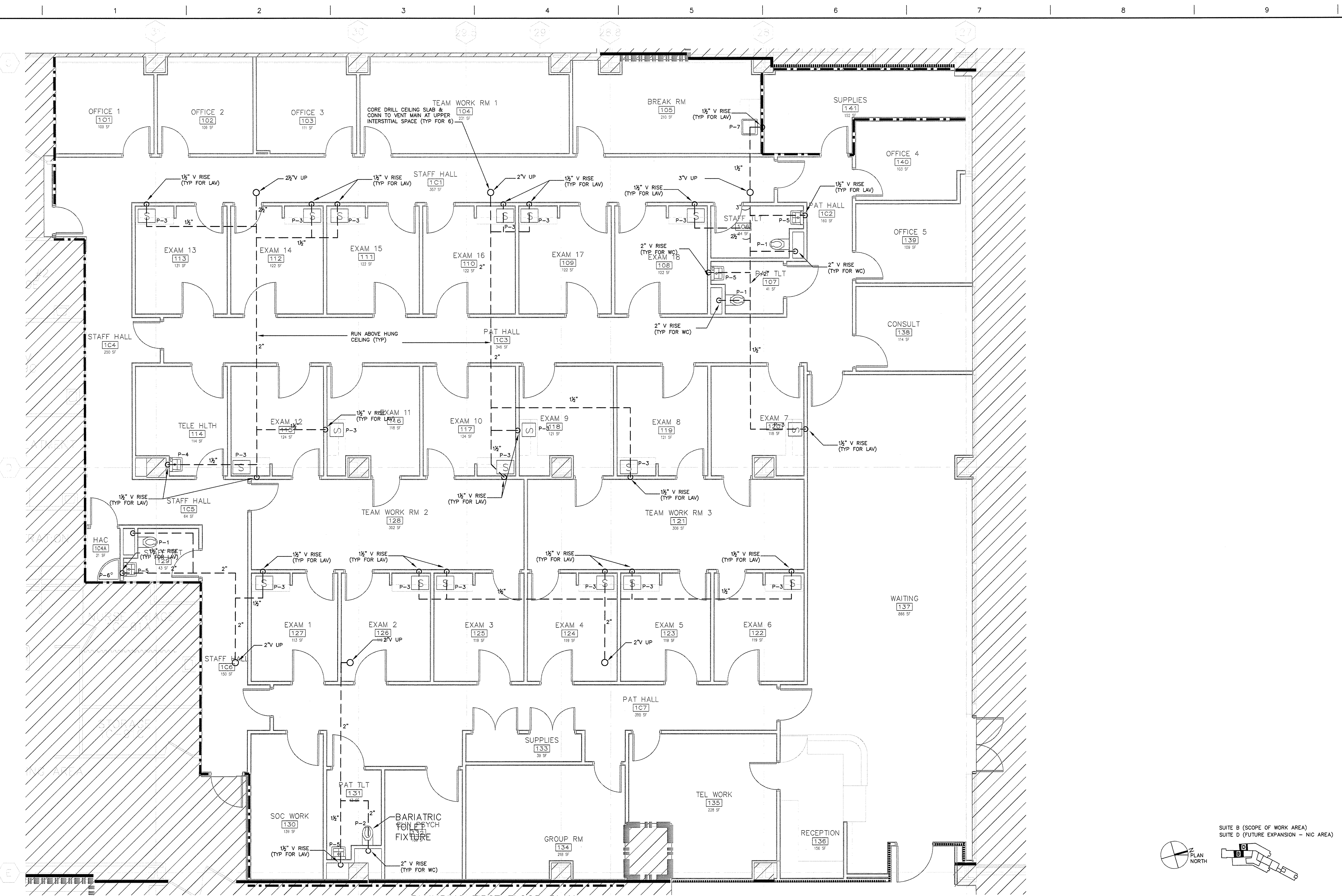
- KEYNOTES**
- 1 1/2" SAN UP
1/2" CW UP
1/2" HW UP
 - 2 4" SAN UP
1/2" CW UP

1 PLUMBING GROUND FLOOR INTERSTITIAL PLAN
1/4"=1'-0"

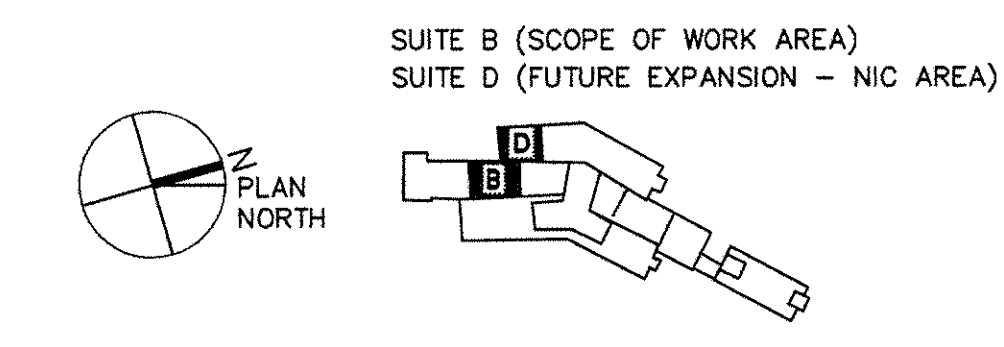
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BID SUBMISSION		07/16/2013		CONSULTANTS:		ARCHITECT/ENGINEERS:		PROFESSIONAL SEALS:		Dr. John J. Sanders MD : Patient Care Center Director		Drawing Title		Project Title		Project Number	
						ELLERBE BECKETT		STV 100		Abigail Rodriguez RN : Program Management Officer		PLUMBING GROUND FLOOR INTERSTITIAL NEW WORK		JAMES J. PETERS VA MEDICAL CENTER BRONX NEW YORK RENOVATE PRIMARY CARE SUITE B		526-13-106	
						Date Seals, Inc.		[Seal]		Eather Hicken RN : Clinical Nurse Manager		Approved Director, VAHWCs:		Location		Building Number	
										Richard Joao : Safety and Occupational Health Manager		Approved Chief of Engineering : Michael Ong		BRONX NEW YORK		100	
Revisions:		Date												Date		Drawing Number	
														18 JULY 2013		PL101	
														Checked EA		Dwg. 39 of 47	
														Drawn GB		Engineering Service	
																Department of Veterans Affairs	

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
one quarter inch = one foot
three eighths inch = one foot
one eighth inch = one foot

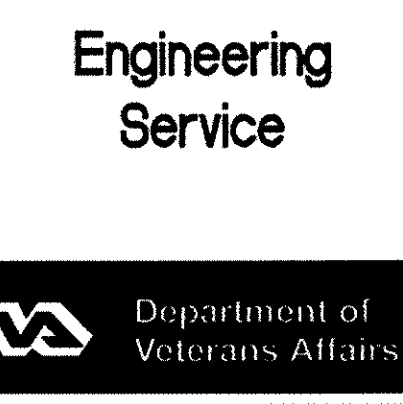


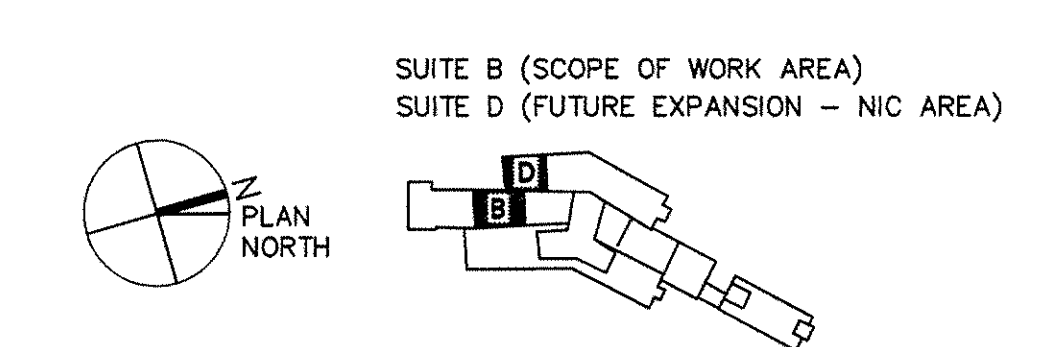
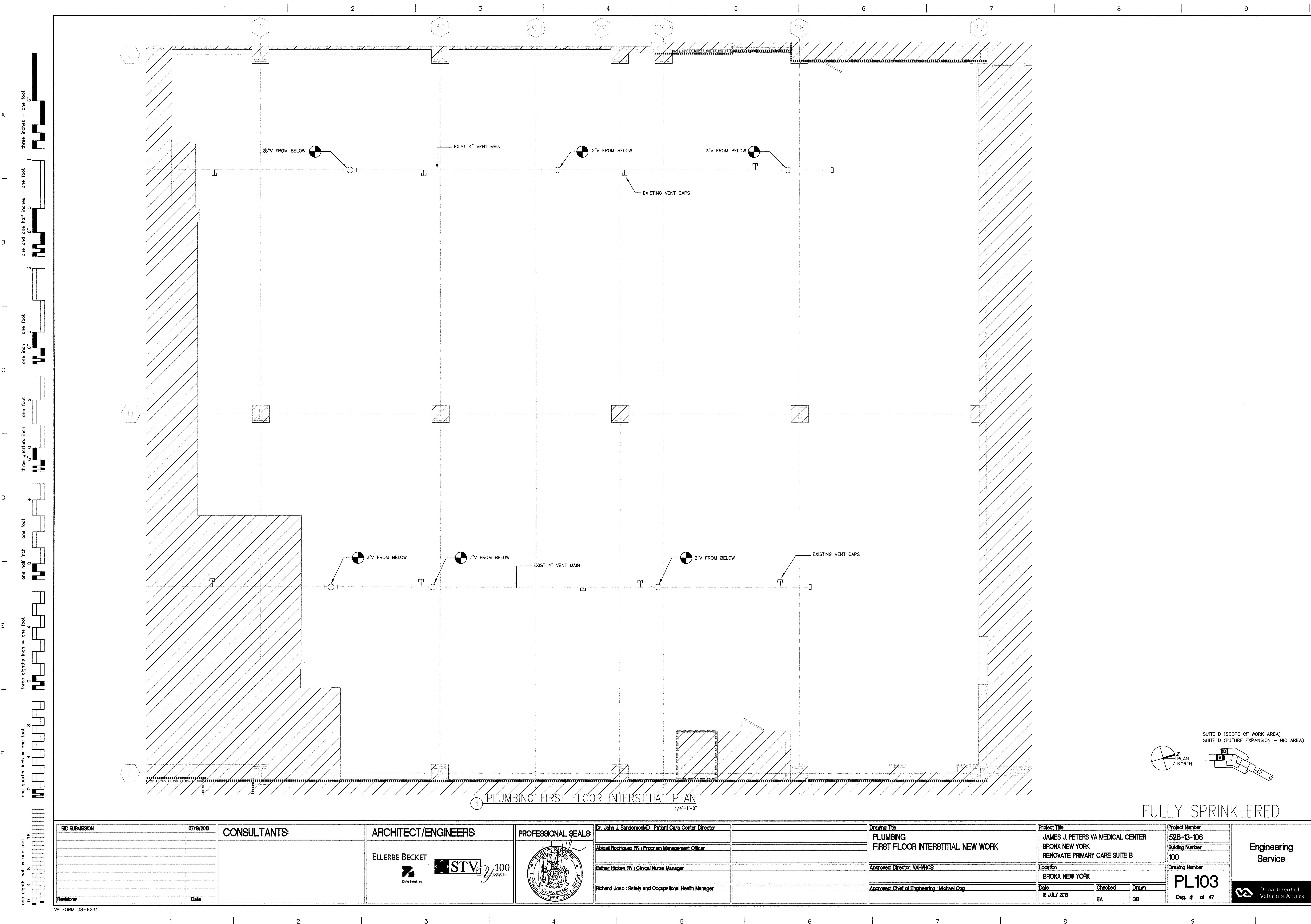
1 PLUMBING FIRST FLOOR PLAN
1/4"=1'-0"



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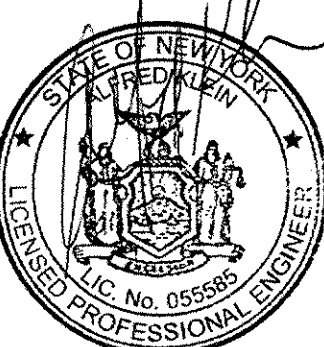
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					ELLERBE BECKET		Dr. John J. Sanderson MD : Patient Care Center Director		PLUMBING		JAMES J. PETERS VA MEDICAL CENTER		526-13-106	
					STV 100 years		Abigail Rodriguez RN : Program Management Officer		FIRST FLOOR NEW WORK		BRONX NEW YORK		Building Number	
							Esther Hicken RN : Clinical Nurse Manager		Approved: Director, VAHHCs		RENOVATE PRIMARY CARE SUITE B		100	
							Richard Joao : Safety and Occupational Health Manager		Approved: Chief of Engineering : Michael Ong		Location		Drawing Number	
											BRONX NEW YORK		PL102	
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													QB	
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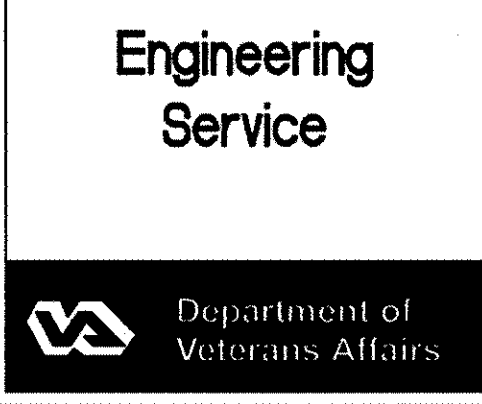


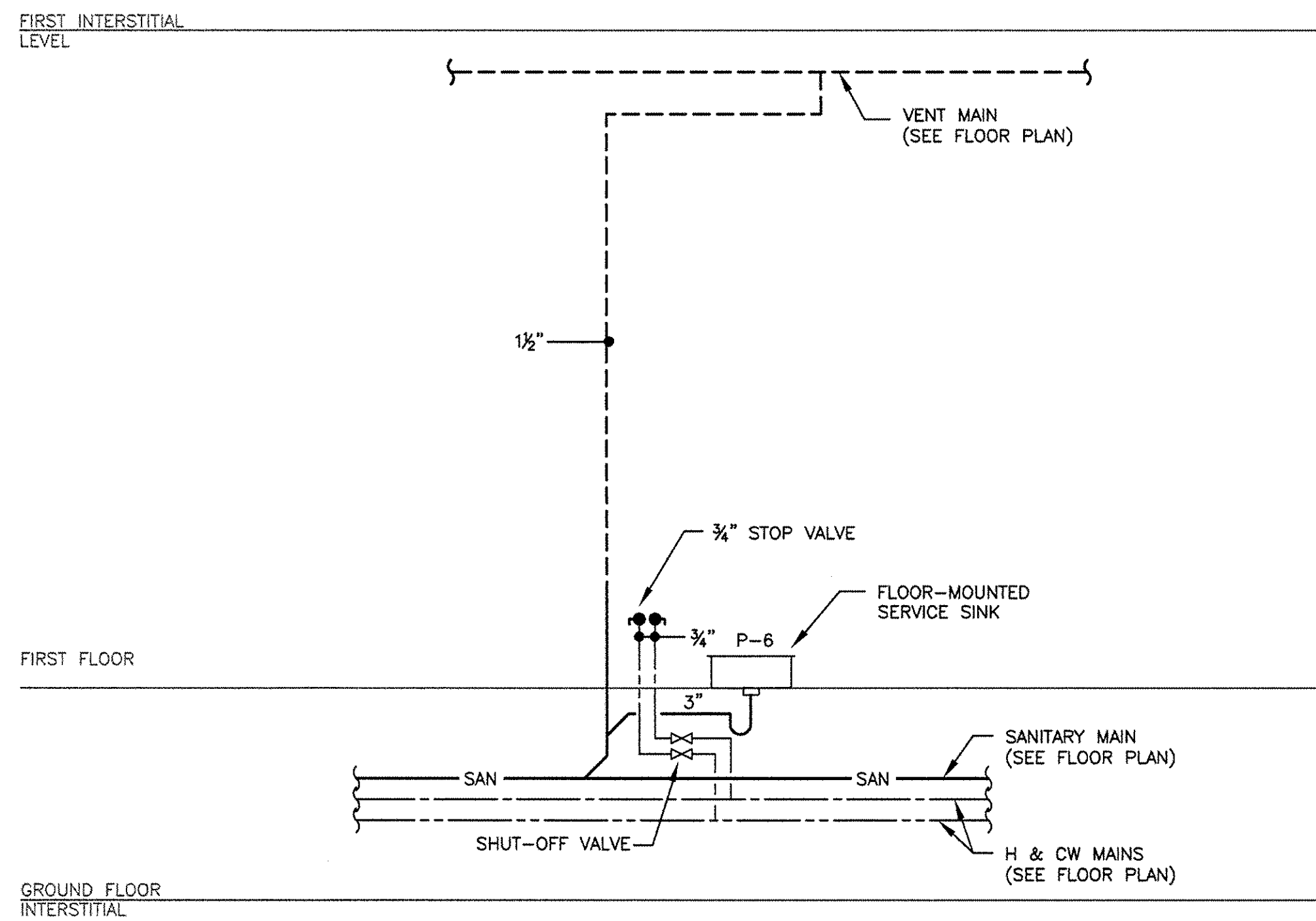


1 PLUMBING FIRST FLOOR INTERSTITIAL PLAN
1/4"=1'-0"

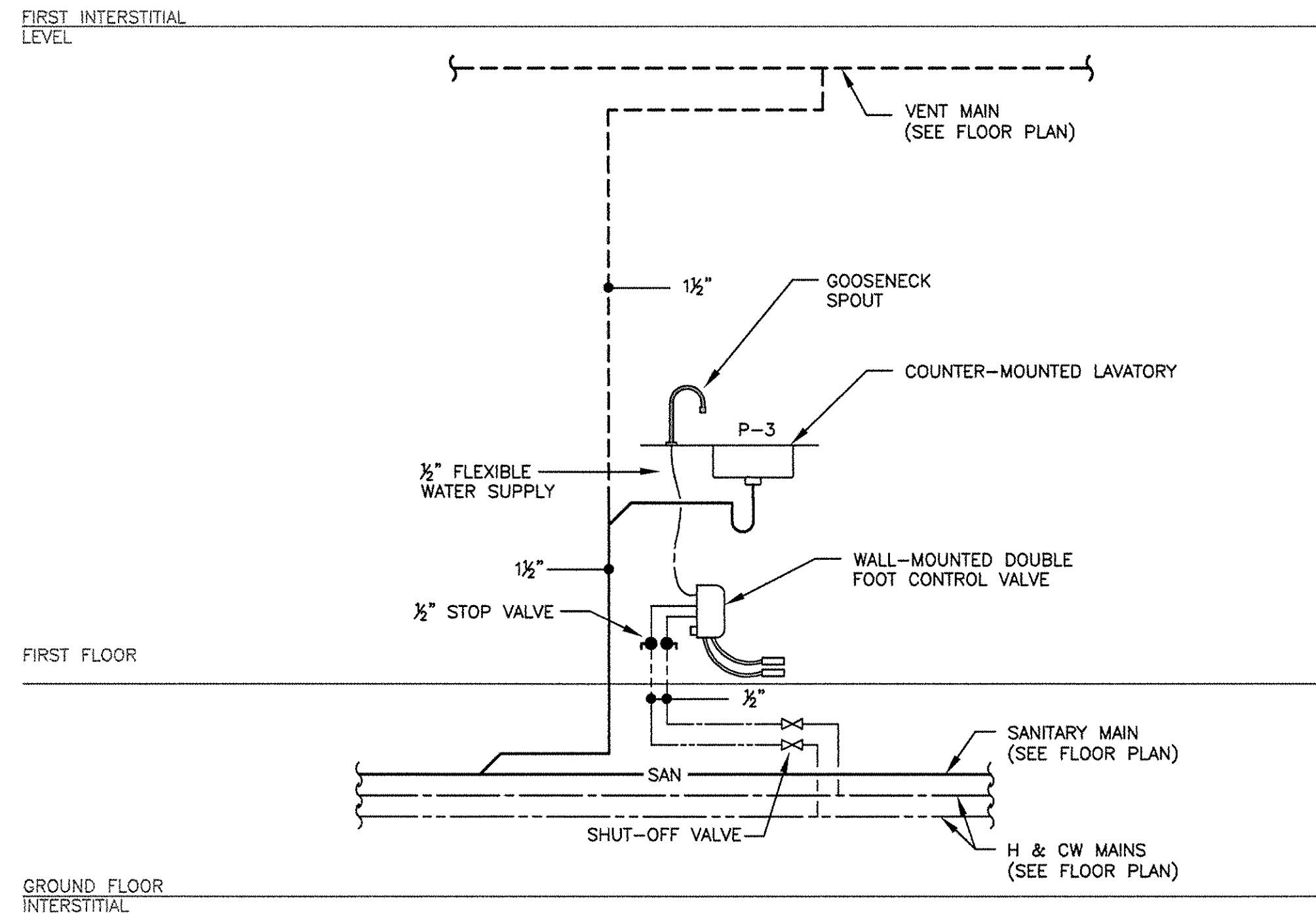
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BID SUBMISSION 07/16/2013		CONSULTANTS:		ARCHITECT/ENGINEERS: ELLERBE BECKET  		PROFESSIONAL SEALS: 		Dr. John J. Sanderson MD : Patient Care Center Director		Drawing Title PLUMBING FIRST FLOOR INTERSTITIAL NEW WORK		Project Title JAMES J. PETERS VA MEDICAL CENTER BRONX NEW YORK RENOVATE PRIMARY CARE SUITE B		Project Number 526-13-106	
								Abigail Rodriguez RN : Program Management Officer		Approved: Director, VA/HHCS		Location BRONX NEW YORK		Building Number 100	
								Eather Hicken RN : Clinical Nurse Manager		Approved: Chief of Engineering : Michael Ong		Date 18 JULY 2013		Checked EA	
								Richard Joso : Safety and Occupational Health Manager				Drawn GB		Drawing Number PL103	
Revisions:		Date												Dwg. 41 of 47	

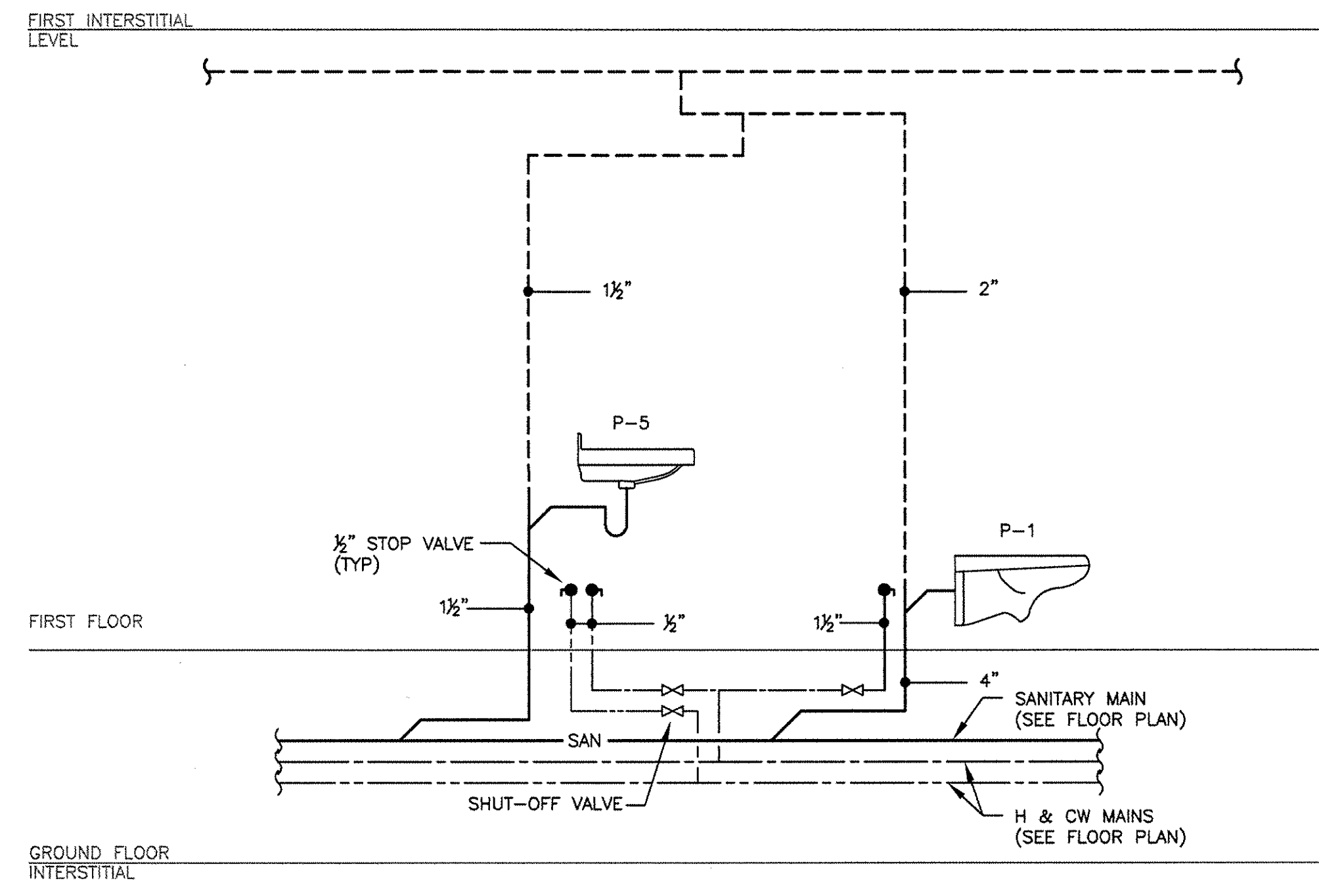




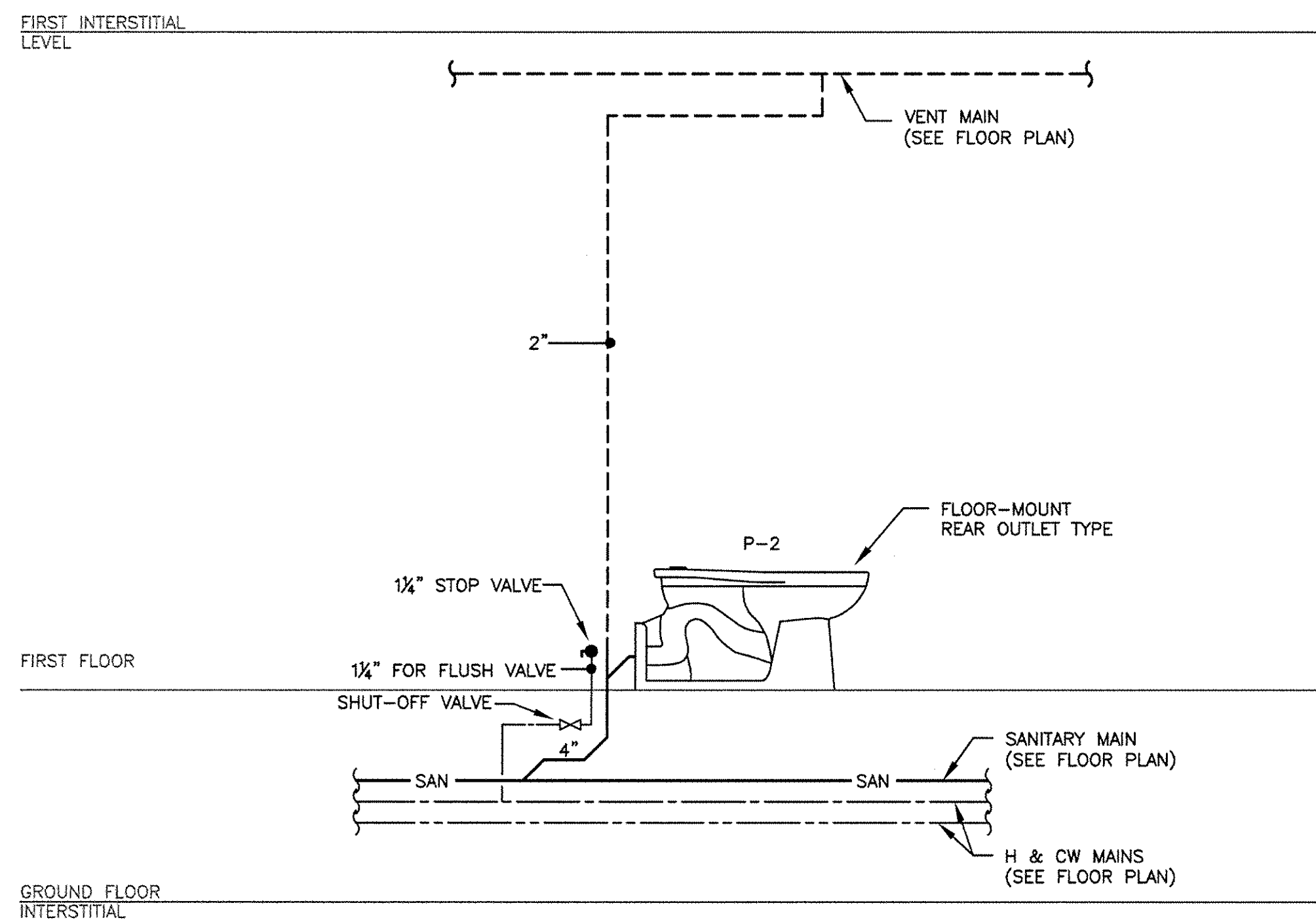
5 TYPICAL SERVICE SINK DIAGRAM
N.T.S.



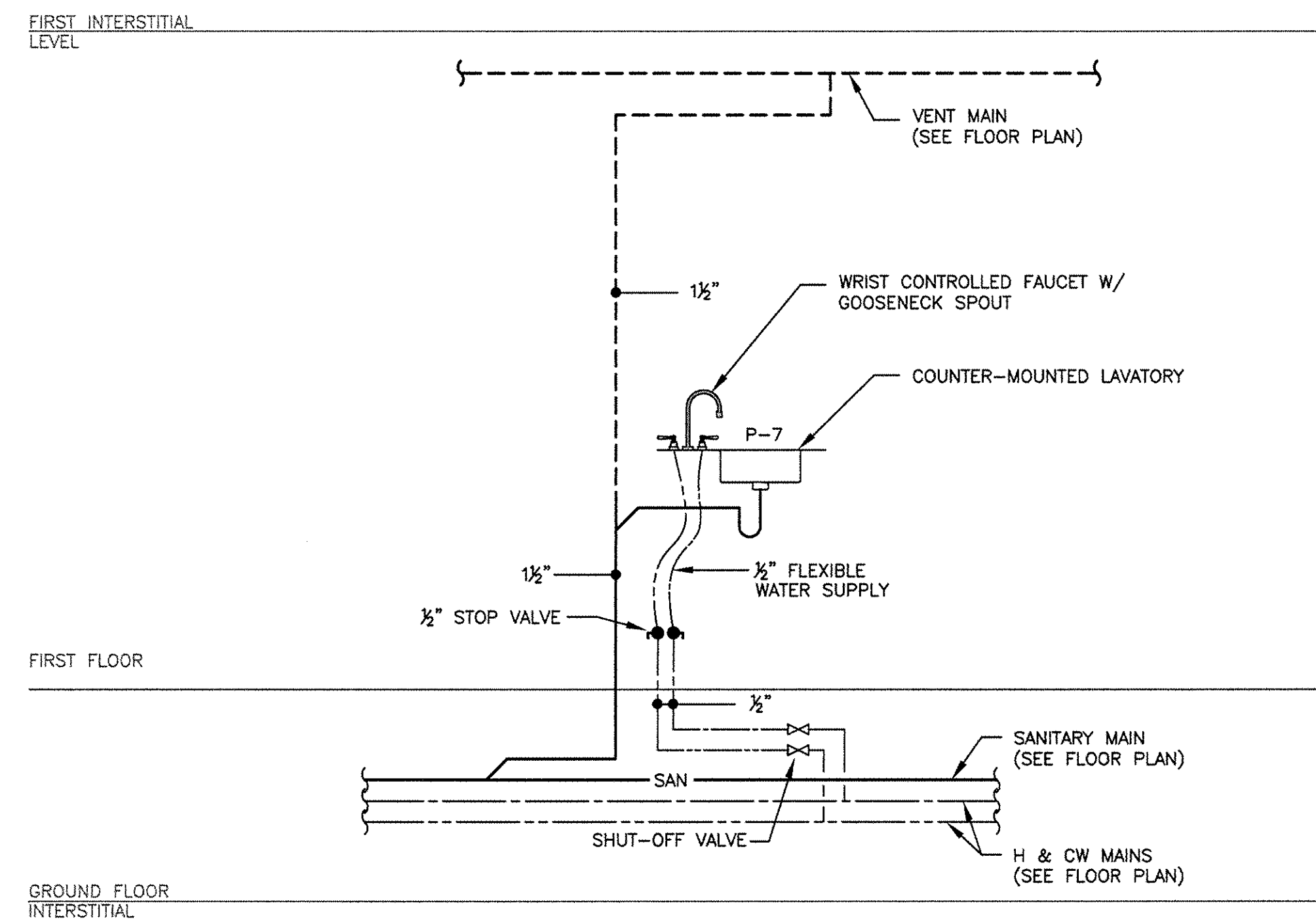
3 TYPICAL EXAM ROOM DIAGRAM
N.T.S.



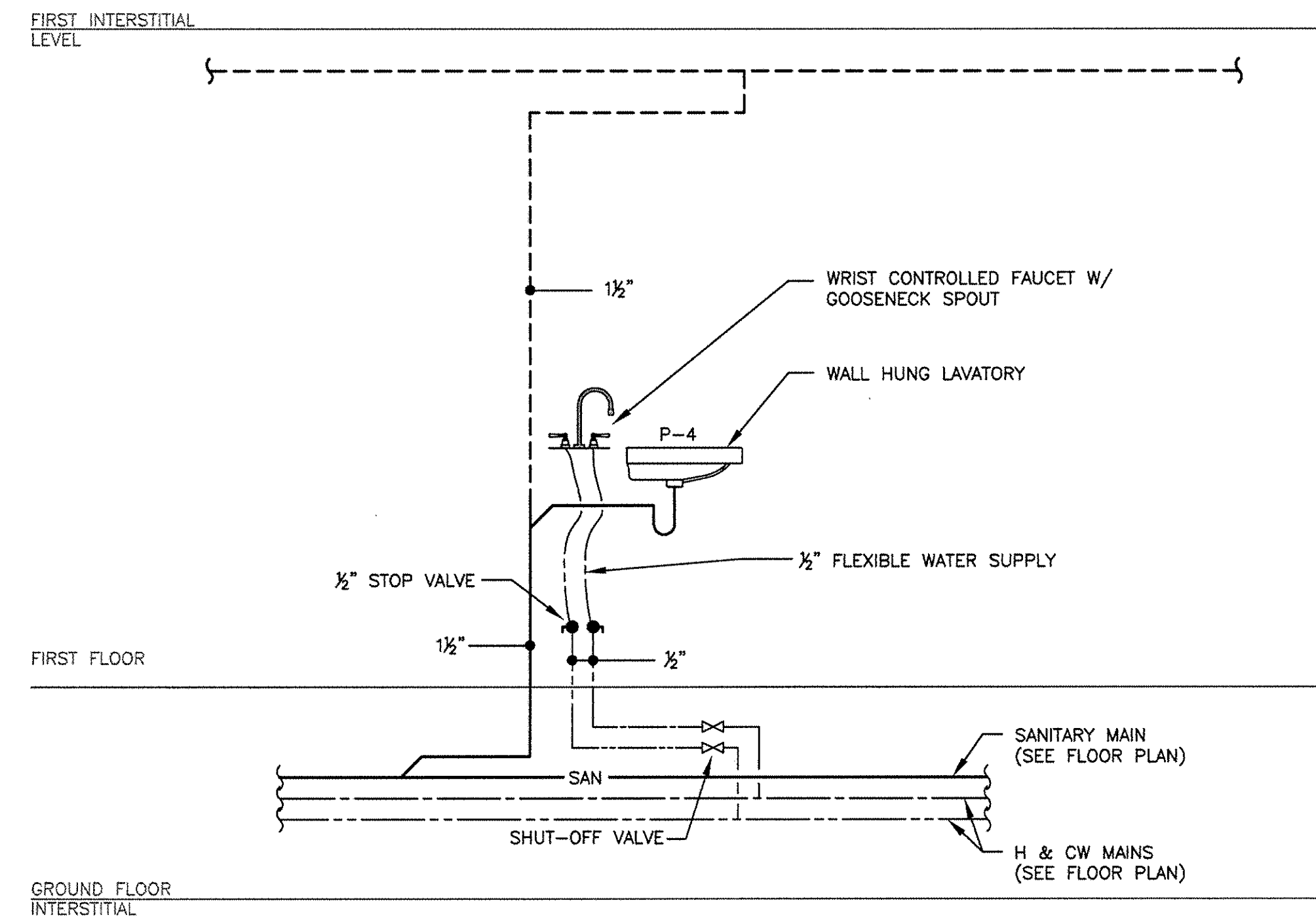
1 TYPICAL TOILET WITH WALL HUNG WATER CLOSET DIAGRAM
N.T.S.



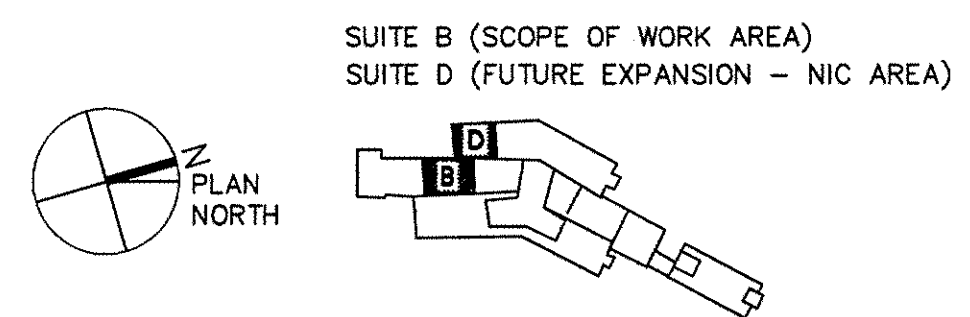
6 TYPICAL FLOOR MOUNT REAR OUTLET TOILET DIAGRAM
N.T.S.




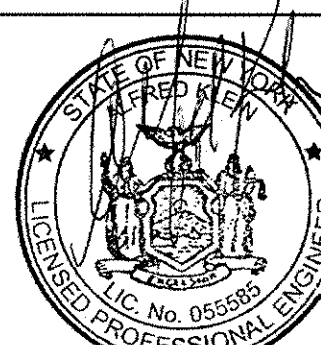

4 TYPICAL BREAK ROOM KITCHEN SINK DIAGRAM
N.T.S.



2 TYPICAL WALL HUNG LAVATORY IN TELE HEALTH DIAGRAM
N.T.S.



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BID SUBMISSION 07/18/2013 Revisions Date	CONSULTANTS:	ARCHITECT/ENGINEERS: ELLERBE BECKET 	PROFESSIONAL SEALS: 	Dr. John J. Sanderson MD : Patient Care Center Director Abigail Rodriguez RN : Program Management Officer Esther Hicken RN : Clinical Nurse Manager Richard Joseo : Safety and Occupational Health Manager		Drawing Title PLUMBING RISER DIAGRAMS Approved: Director, VA/MHCS Approved: Chief of Engineering : Michael Ong	Project Title JAMES J. PETERS VA MEDICAL CENTER BRONX NEW YORK RENOVATE PRIMARY CARE SUITE B Location BRONX NEW YORK Date 18 JULY 2013	Project Number 526-13-106 Building Number 100 Drawing Number PI601 Dwg. 42 of 47	Engineering Service 
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