
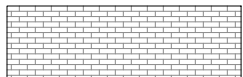


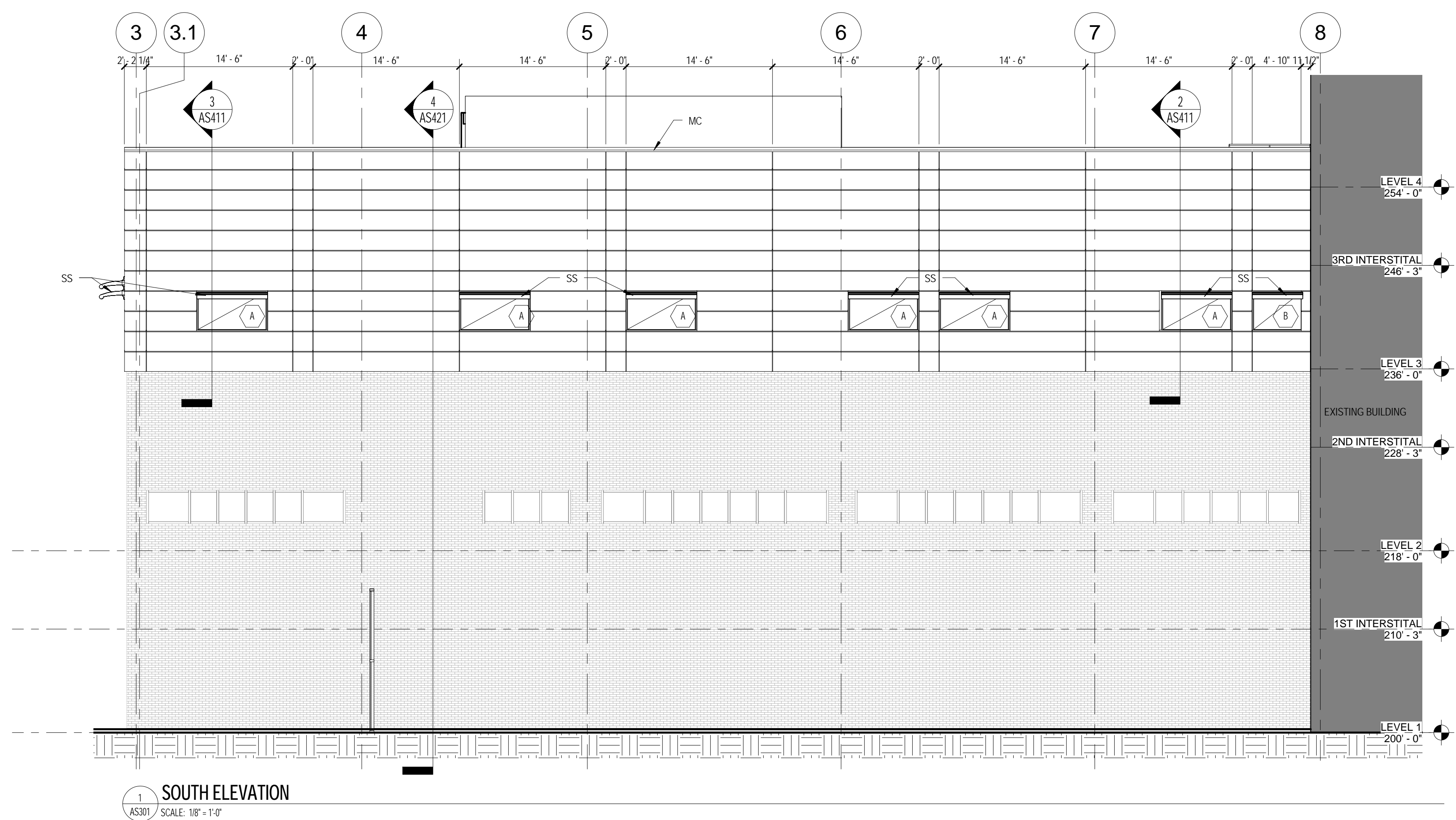
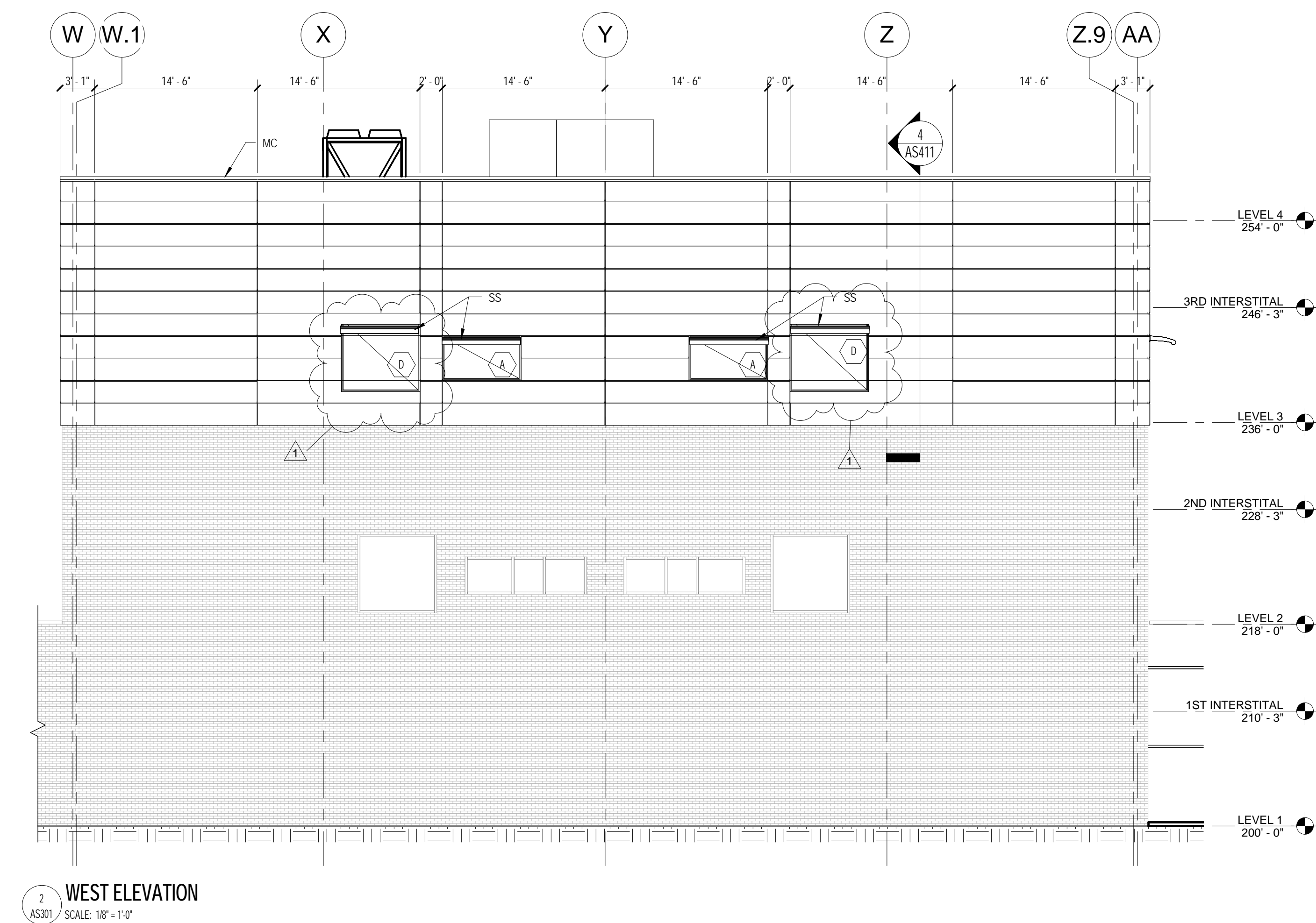
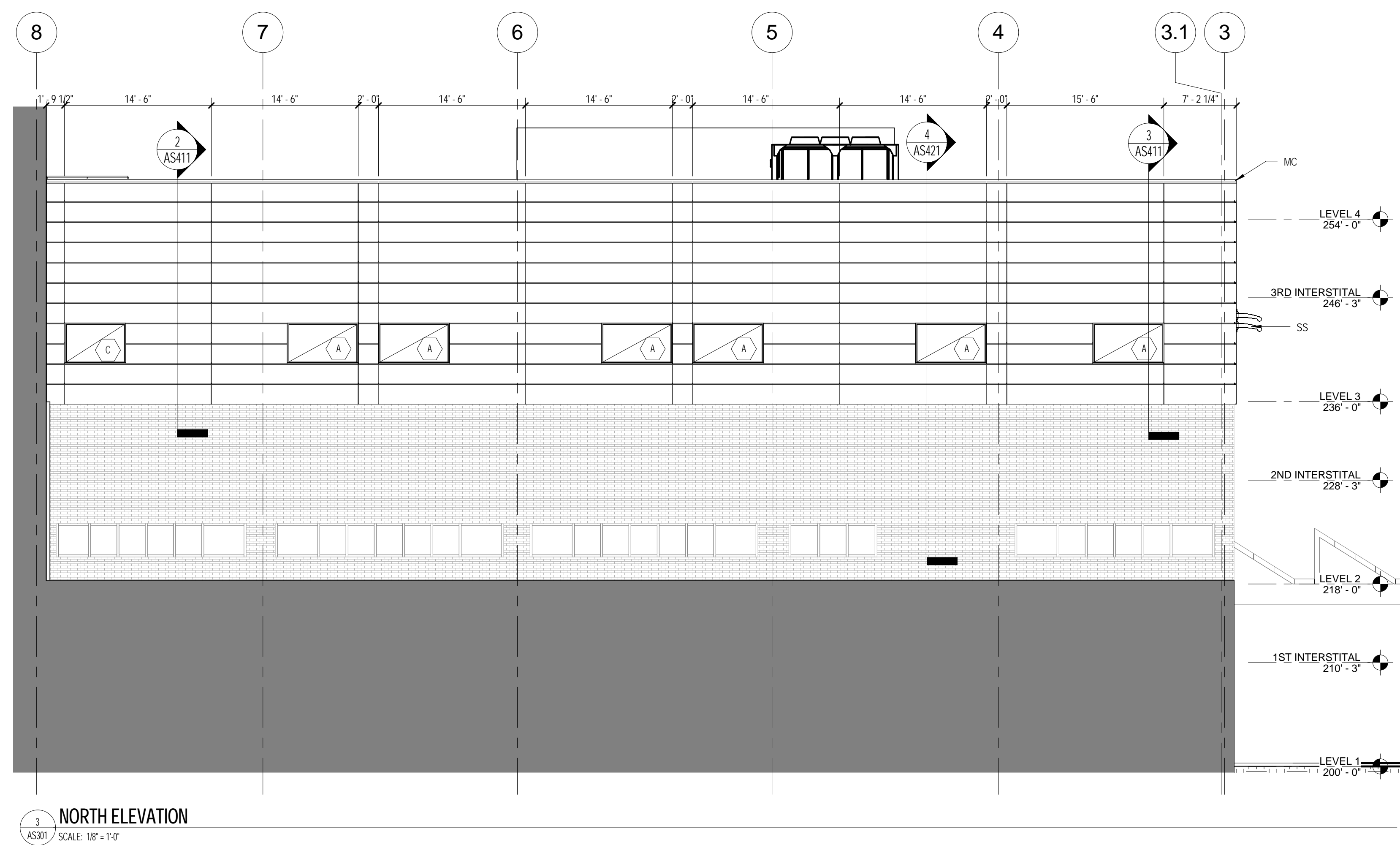
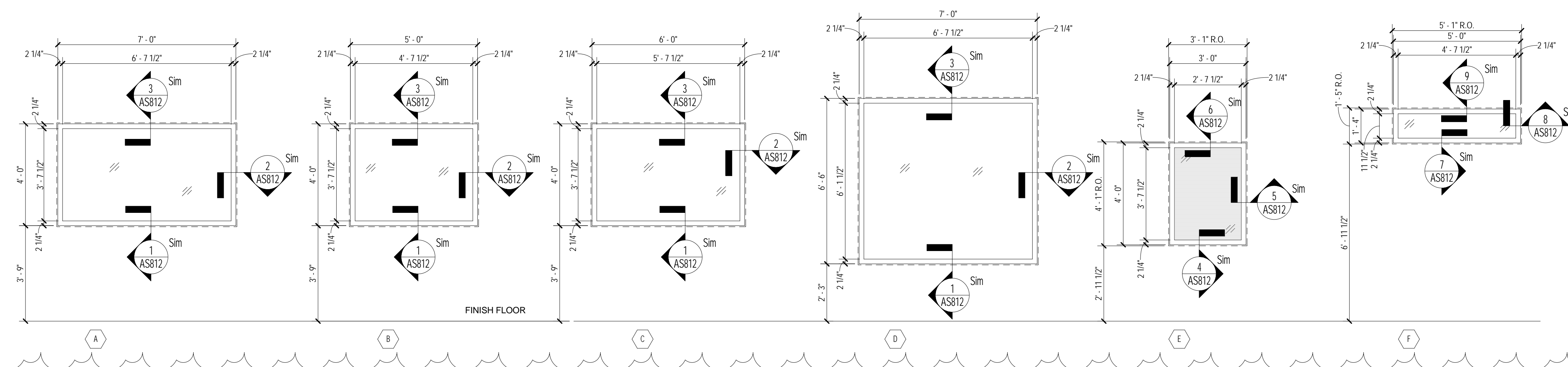


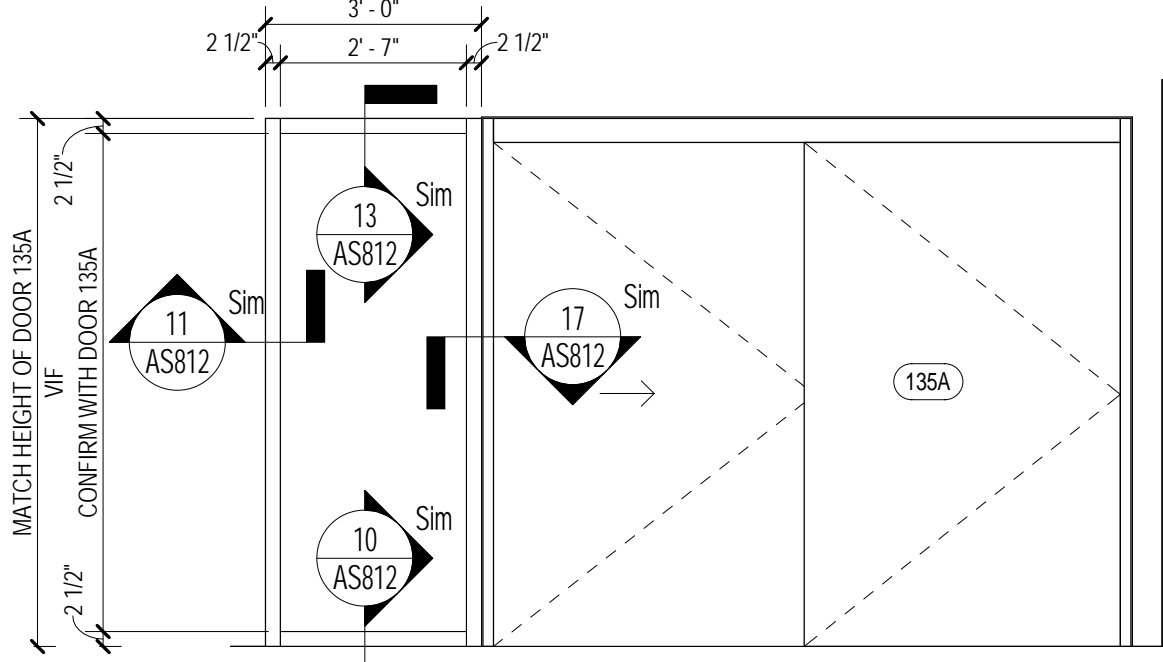
SPECIFIC ELEVATION NOTES		EXTERIOR FINISH LEGEND	
NOTE	DESCRIPTION	CODE	DESCRIPTION
1	THIS COLUMN OF METAL WALL PANEL TO BE INSTALLED IN FIELD AFTER ERECTION. TAPE AND SEAL VERTICAL JOINT PRIOR TO INSTALLING PANEL.	MP	 CENTRIA FORMA BOND II (BASIS OF DESIGN) TEXTURE: SMOOTH COLOR: 9958 XL CHAMPAGNE GOLD
2			 EXISTING EXTERIOR BRICK TO REMAIN
			ALUMINUM CURTAIN WALL STOREFRONT, RE: AS312
		MC	METAL COPING, COLOR TO MATCH PT-4
		SS	KAWNEER VERSOLEIL SUNSHADE OUTRIGGER SYSTEM (BASIS OF DESIGN) 30" DEPTH WITH RECTANGULAR FASCIA AND ARCH BLADES COLOR: CLEAR ANODIZED ALUMINUM
			INDICATES PREFABRICATED WALL PANEL

[illegible]

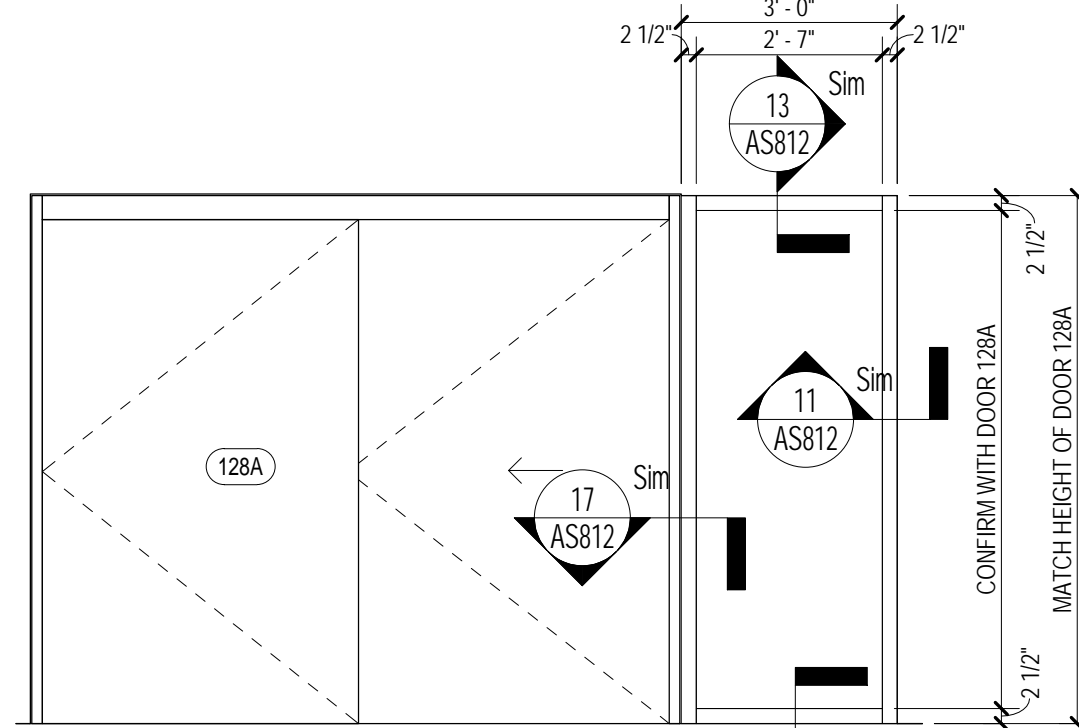


WINDOW SCHEDULE										
ID	DESCRIPTION	DIMENSIONS		GLASS THICKNESS	MATERIAL		DETAILS			COUNT
		WIDTH	HEIGHT		FRAME	GLAZING	HEAD	JAMB	SILL	
A	EXTERIOR ALUMINUM WINDOW	7'-0"	4'-0"	1"	ALUM	G1	3/AS812	2/AS812	1/AS812	14
B	EXTERIOR ALUMINUM WINDOW	5'-0"	4'-0"	1"	ALUM	G1	3/AS812	2/AS812	1/AS812	1
C	EXTERIOR ALUMINUM WINDOW	6'-0"	4'-0"	1"	ALUM	G1	3/AS812	2/AS812	1/AS812	1
D	EXTERIOR ALUMINUM WINDOW	7'-0"	6'-6"	1"	ALUM	G1	3/AS812	2/AS812	1/AS812	2
E	INTERIOR ALUMINUM WINDOW	3'-0"	4'-0"	1/4"	ALUM	G2	4/AS812	4/AS812	4/AS812	13
F	INTERIOR ALUMINUM WINDOW	5'-0"	1'-4"	1/4"	ALUM	G2	9/AS812	8/AS812	7/AS812	4

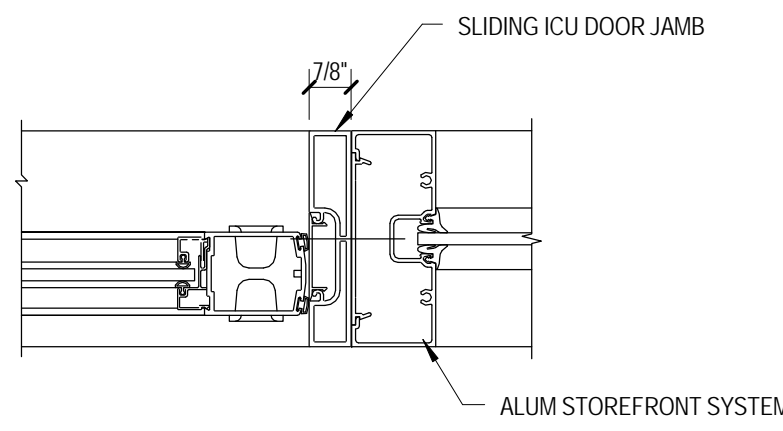
10 WINDOW ELEVATION
AS812 / NOT TO SCALE



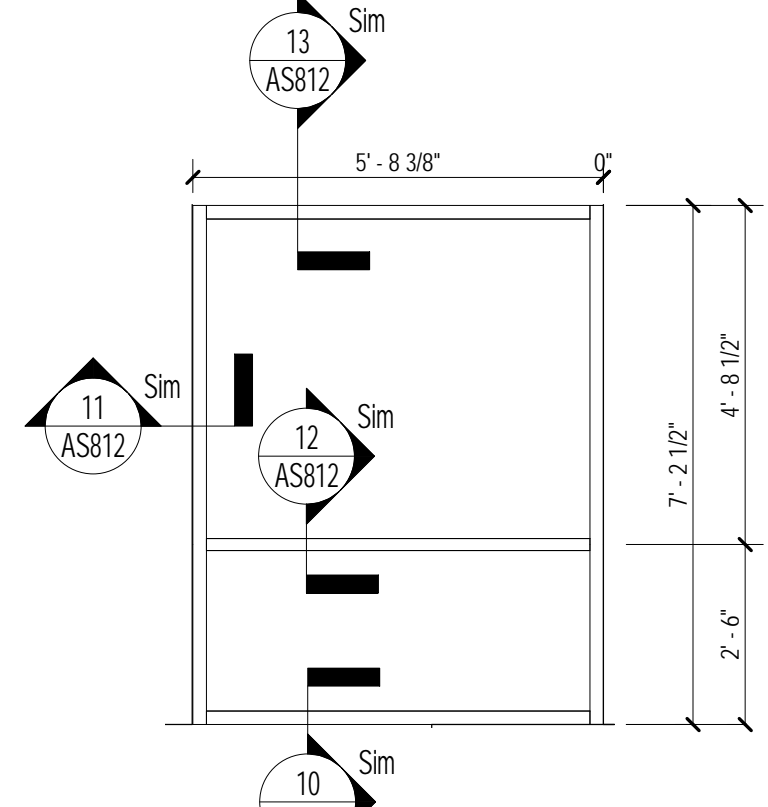
16 STOREFRONT TYPE - C
AS812 / SCALE: 3/8" = 1'-0"



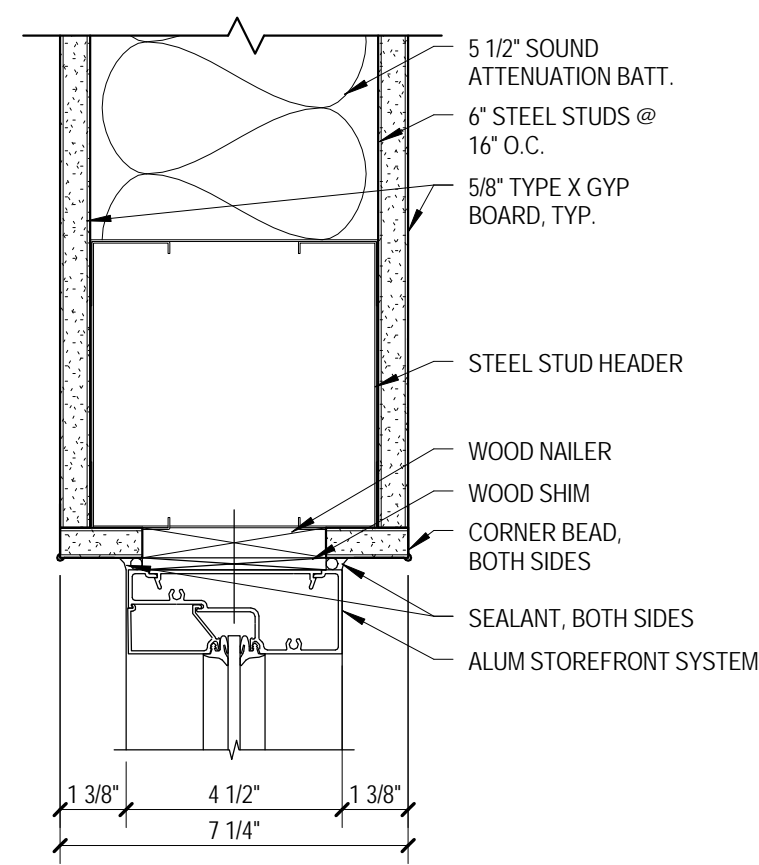
15 STOREFRONT TYPE - B
AS812 / SCALE: 3/8" = 1'-0"



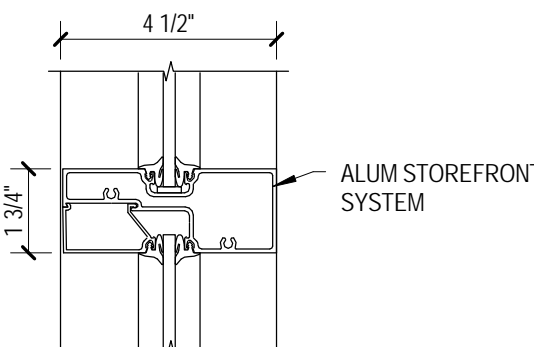
17 ALUM STOREFRONT JAMB DETAIL
AS812 / SCALE: 3/8" = 1'-0"



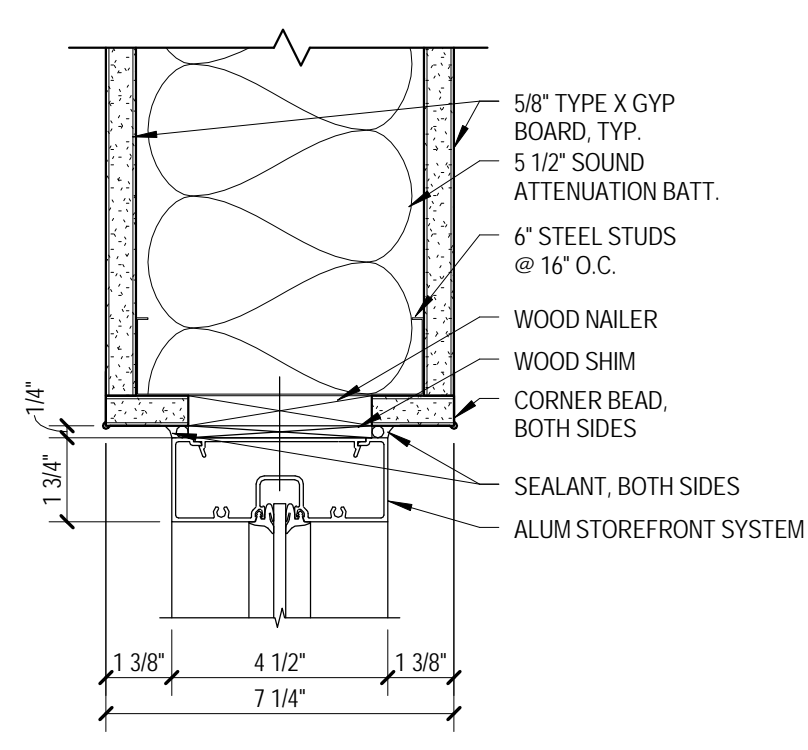
14 STOREFRONT TYPE - A
AS812 / SCALE: 3/8" = 1'-0"



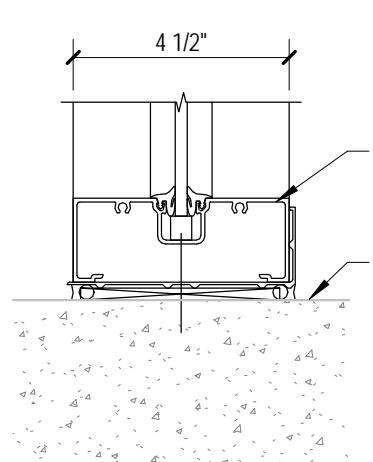
13 ALUM STOREFRONT HEAD DETAIL
AS812 / SCALE: 3/8" = 1'-0"



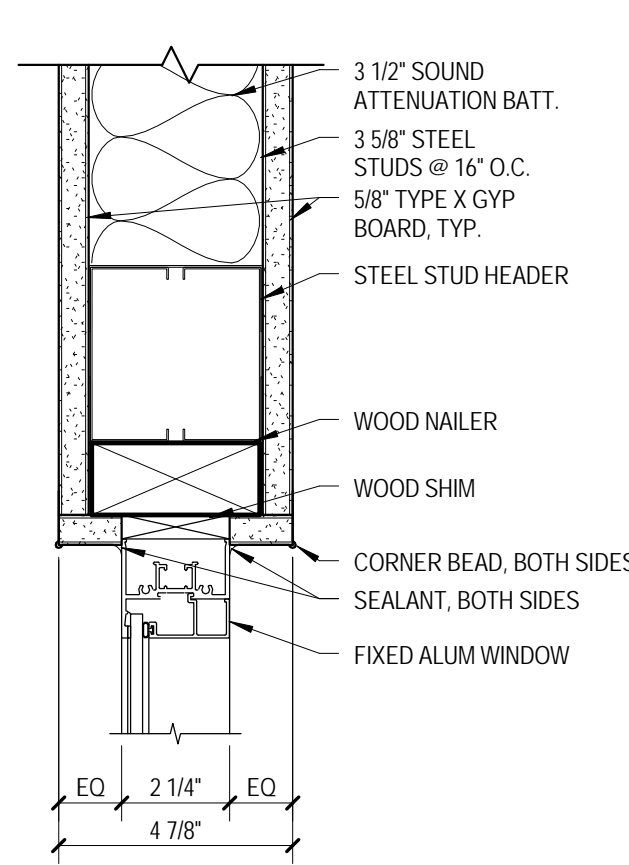
12 ALUM STOREFRONT MULLION
AS812 / SCALE: 3/8" = 1'-0"



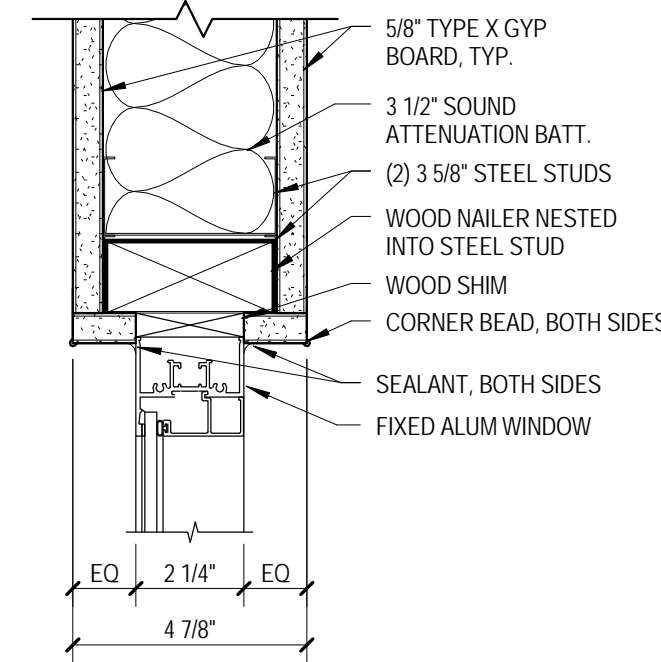
11 ALUM STOREFRONT JAMB DETAIL
AS812 / SCALE: 3/8" = 1'-0"



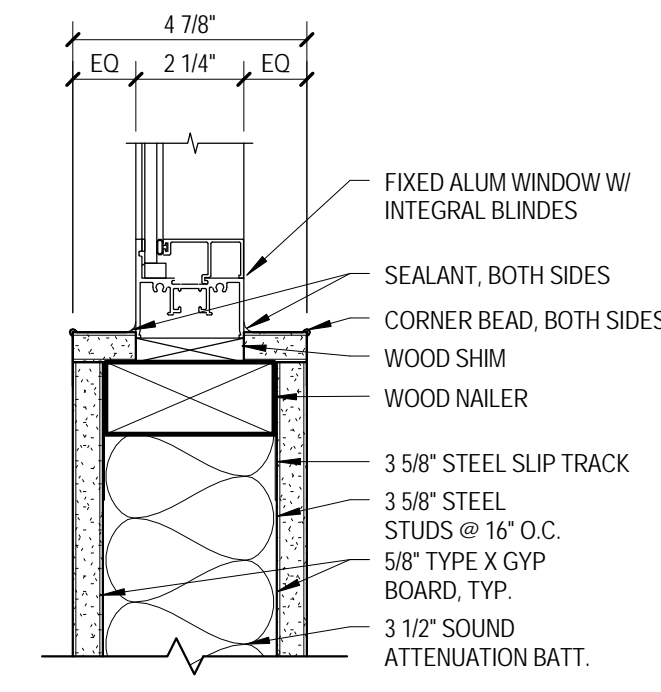
10 ALUM STOREFRONT SILL DETAIL
AS812 / SCALE: 3/8" = 1'-0"



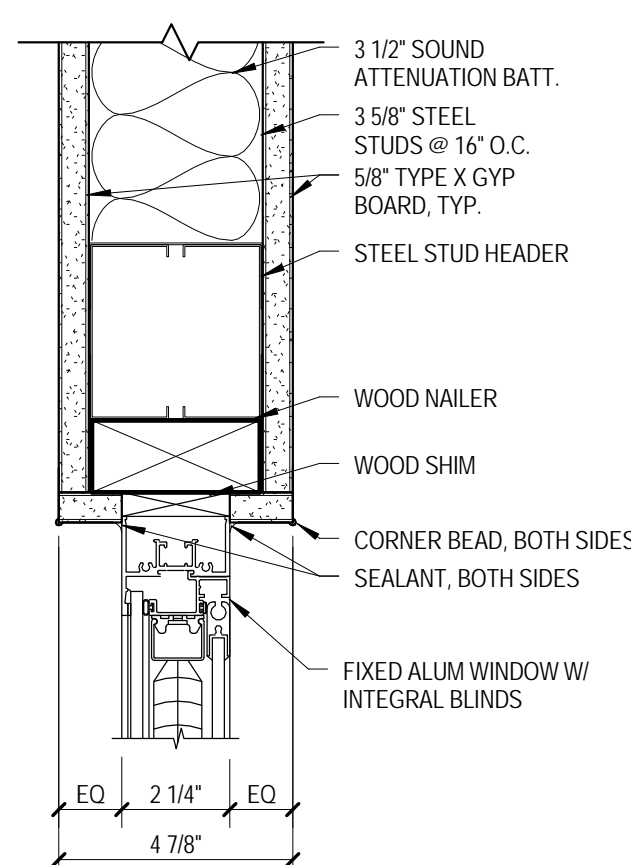
9 INTERIOR HEAD DETAIL
AS812 / SCALE: 3/8" = 1'-0"



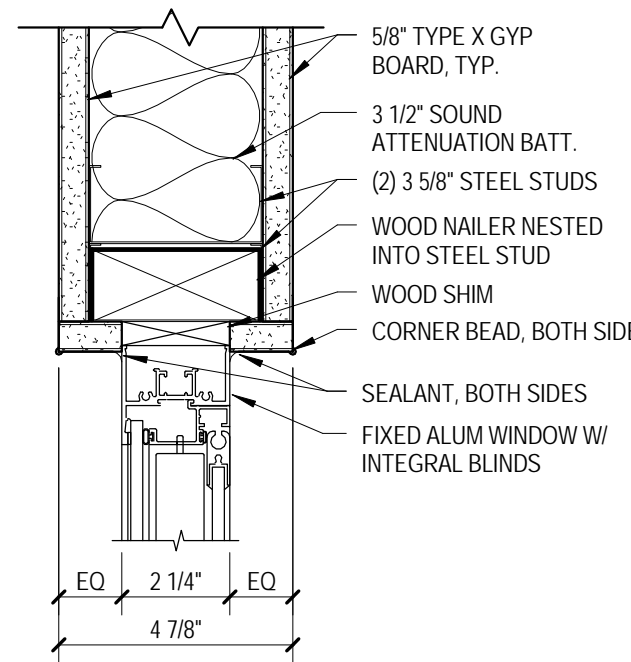
8 INTERIOR JAMB DETAIL
AS812 / SCALE: 3/8" = 1'-0"



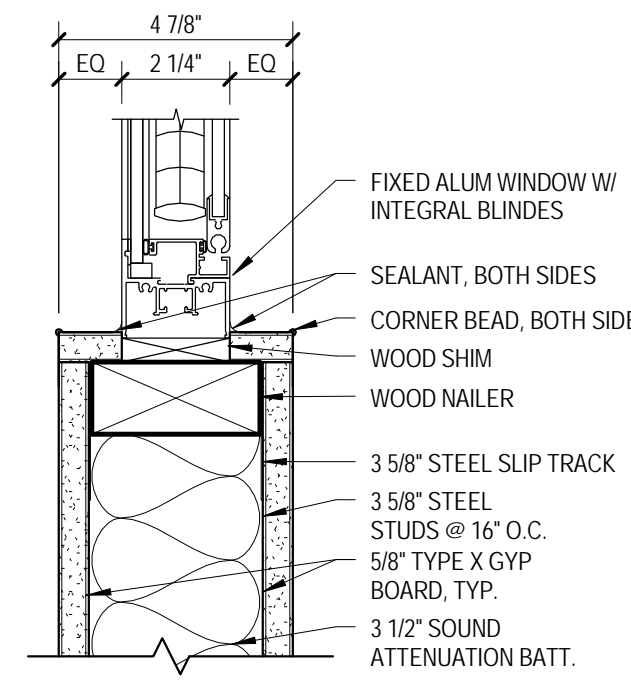
7 INTERIOR SILL DETAIL
AS812 / SCALE: 3/8" = 1'-0"



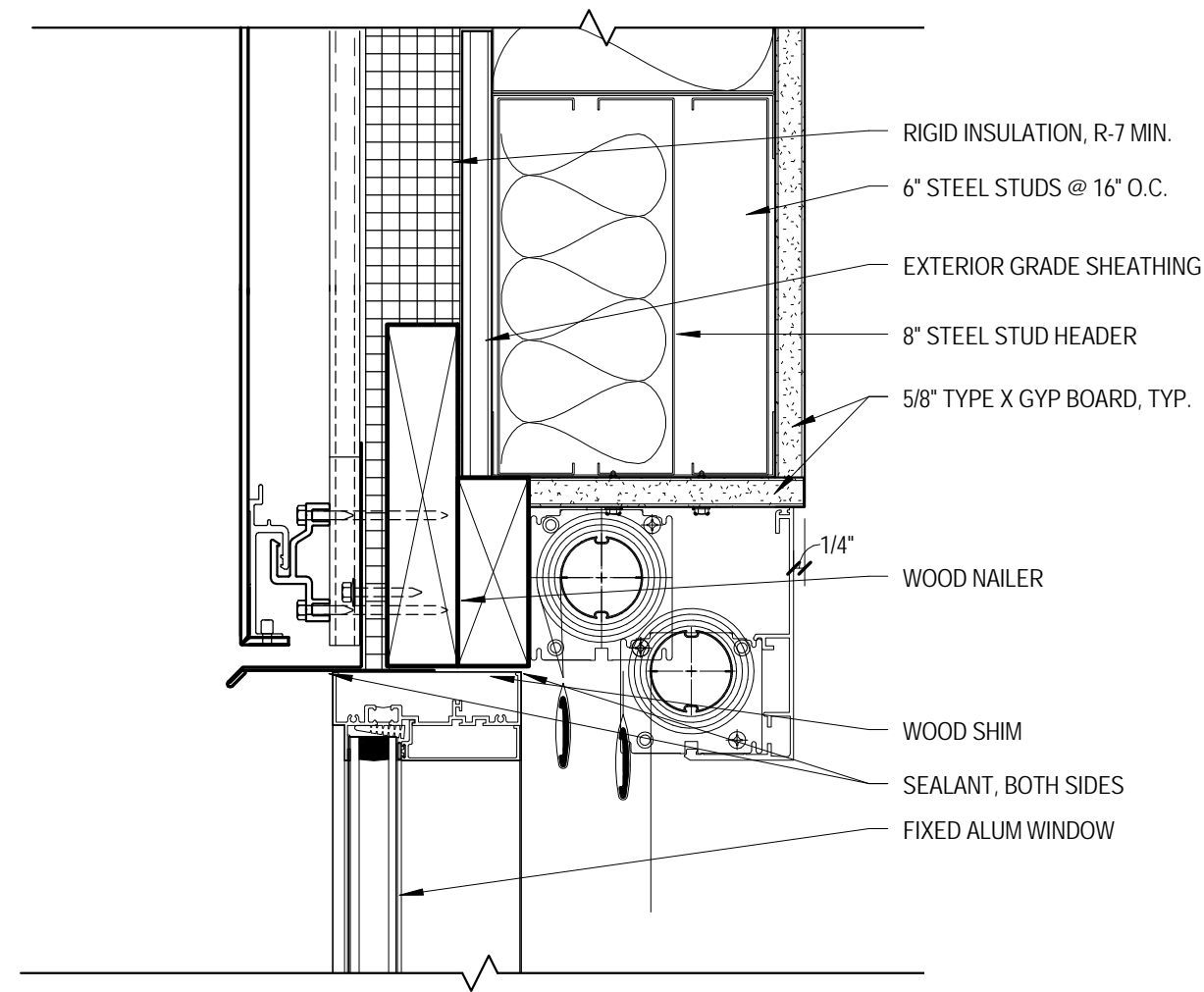
6 INTERIOR HEAD DETAIL
AS812 / SCALE: 3/8" = 1'-0"



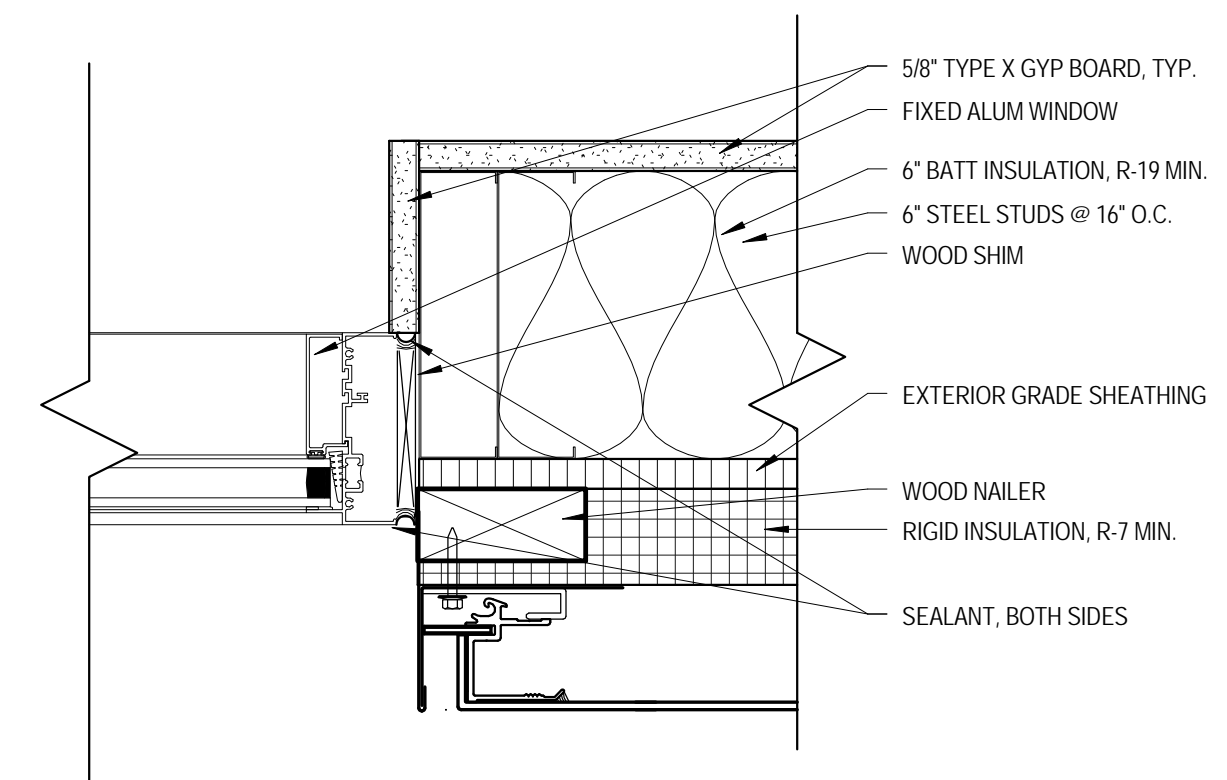
5 INTERIOR JAMB DETAIL
AS812 / SCALE: 3/8" = 1'-0"



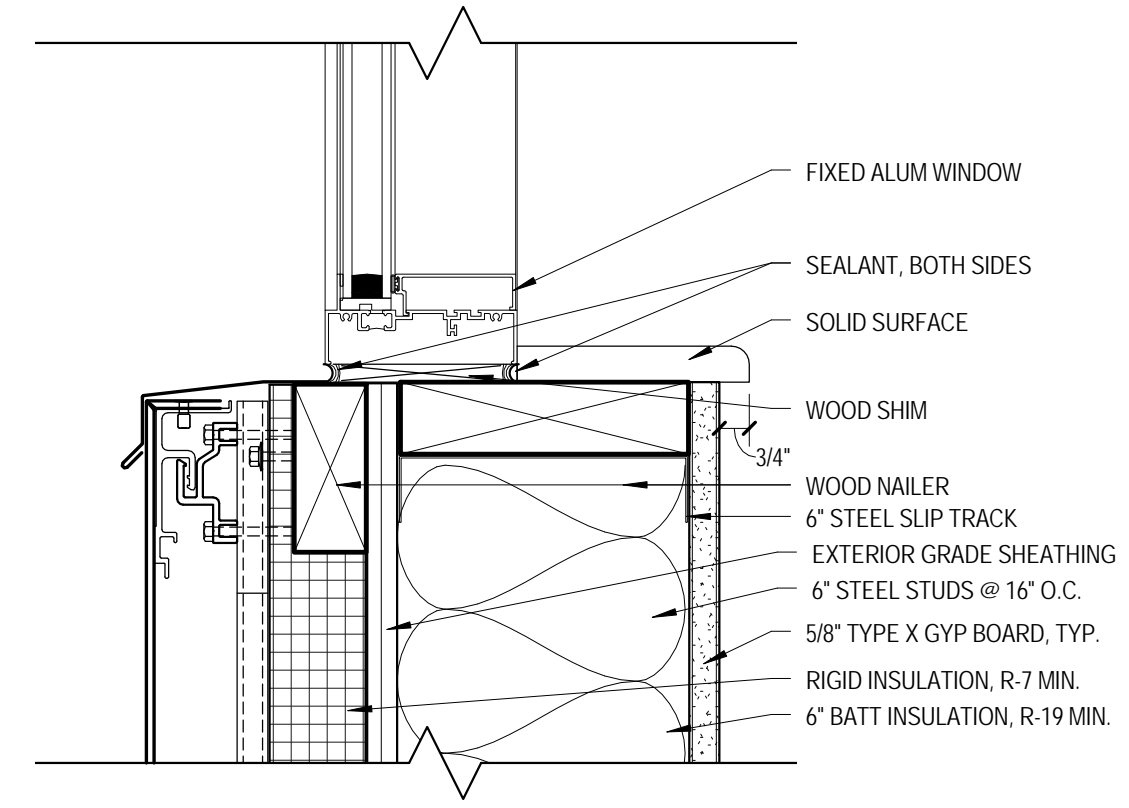
4 INTERIOR SILL DETAIL
AS812 / SCALE: 3/8" = 1'-0"



3 WINDOW HEADER, TYP
AS812 / SCALE: 3/8" = 1'-0"



2 WINDOW JAMB
AS812 / SCALE: 3/8" = 1'-0"



1 WINDOW SILL, TYP
AS812 / SCALE: 3/8" = 1'-0"

Revisions:	
ADDENDUM #1	06/06/2016
Date	



ARCHITECT/ENGINEERS:
PROJECT LEAD
Architect, Structural Engineer, Civil Engineer
GUIDON DESIGN
905 N. CAPITOL AVE. SUITE 100 INDIANAPOLIS, IN 46204
317.200.6388
WWW.GUIDONDESIGN.COM
SUSTAINABLE ARCHITECTURE + ENGINEERING

MEP Engineer
APOGEE CONSULTING GROUP
1151 Kildaire Farm Road, Suite 120 Cary, NC 27511
Tele: 919-858-7420

Interior Design
BASKERVILL
101 S. 15th Street Suite 200 Richmond, VA 23219
Tele: 804-343-1010

Drawing Title
WINDOW SCHEDULE
Approved for Design Concept:
FACILITY MANAGEMENT
DIVISION MANAGER

CONSTRUCTION DOCUMENTS

Project Title
EXPAND MEDICAL
INTENSIVE CARE UNIT
Location
H.H. MCGUIRE VAMC
Date
03/01/2016

Project Number
14.1049
Building Number
#500
Drawing Number
AS812

OFFICE OF
FACILITIES
MANAGEMENT
VA Project Number
652-316
VA U.S. Department of Veterans Affairs

PLUMBING ABBREVIATIONS

A/E	ARCHITECT / ENGINEER	EL	ELEVATION	H&CW	HOT AND COLD WATER	N2	NITROGEN	SAN	SANITARY SEWER
AD	AREA DRAIN	EMCS	ENERGY MONITORING AND CENTRAL SYSTEM	HD	HUB DRAIN	N2O	NITROUS OXIDE	SCFM	STANDARD CUBIC FOOT/MIN
AFG	ABOVE FINISH FLOOR	EPA	ENVIRONMENTAL PROTECTION AGENCY	HEX	HEAT EXCHANGER	NC	NORMALLY CLOSED	SCWH	SOFTENED COLD WATER
AG	AIR GAP	EPACT	ENERGY POLICY ACT	HP	HORSEPOWER	NG	NATURAL GAS	SDMH	STORM DRAIN MANHOLE
AP	ACCESS PANEL	ESC	ESCUOTHEON	HST	HOT WATER STORAGE TANK (DOMESTIC)	NIC	NOT IN CONTRACT	SP	SUMP PUMP
AS	AUTOMATIC SPRINKLER	ET	EXPANSION TANK	HWB	HOT WATER BOILER	NO	NORMALLY OPEN	SPR	SPRINKLER LINE
ASD	ADJUSTABLE SPEED DRIVE	EWH	ELECTRIC WATER HEATER	HWCP	HOT WATER CIRCULATING PUMP	NOM	NOMINAL	SQFT	SQUARE FOOT
ASHRAE	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	EWC	ELECTRIC WATER COOLER	HWP	HOT WATER PUMP	NPW	NON POTABLE WATER	SS	STAINLESS STEEL
		EWS	EYE WASH STATION	HYD	HYDRANT	NTS	NOT TO SCALE	ST	STORM TANK
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	EX	EXISTING	ICW	INDUSTRIAL COLD WATER	02	OXYGEN	SW	STORM WATER
ASPE	AMERICAN SOCIETY OF PLUMBING ENGINEERS	F	FAHRENHEIT	INW	INVERT	OC	ON CENTER	TCV	TEMPERATURE CONTROL VALVE
ASR	AUTOMATIC SPRINKLER RISER	FCO	FILTERED COLD WATER	IPC	INTERNATIONAL PLUMBING CODE	OD	OUTSIDE DIAMETER	TD	TEMPERATURE DIFFERENCE
AV	ACID VENT	FD	FLOOR DRAIN	IRW	IRRIGATION WATER	OR	OPERATING ROOM	TDH	TOTAL DYNAMIC HEAD
AW	ACID WASTE	FDC	FIRE DEPARTMENT (HOSE) CONNECTION	IW	INDIRECT WASTE	OVFL	OVERFLOW	TEMP	TEMPERATURE
BFP	REDUCED PRESSURE BACKFLOW PREVENTER	FM	FIRE DEPARTMENT (HOSE) CONNECTION	IWR	INDUSTRIAL WATER RETURN	PA	PASCAL	TMV	THERMOSTATIC MIXING VALVE
BHP	BREAK HORSEPOWER	FOP	FUEL OIL PUMP	IWS	INDUSTRIAL WATER SUPPLY	PD	PRESSURE DROP OR DIFFERENCE	TP	TRAP PRIMER
BSP	BLACK STEEL PIPE	FOR	FUEL OIL RETURN	KW	KILOWATT	PI	PLUMBING AND DRAINAGE INSTITUTE	TSTAT	THERMOSTAT
BT	BATHTUB	FOS	FUEL OIL SUPPLY	KW-HR	KILOWATT-HOUR	PG	PRESSURE GAUGE	TWR	TEMPERED WATER RETURN
BTU	BRITISH THERMAL UNIT	FOV	FUEL OIL VENT	L	LITER	PP	PRESSURE GAUGE	TWS	TEMPERED WATER SUPPLY
BTUH	BRITISH THERMAL UNITS PER HOUR	FS	FLOOR SINK	L/S	LITER PER SECOND	PRV	PRESSURE REDUCING VALVE	TYP	TYPICAL
C	CELSIUS	FU	FIXTURE UNITS	LA	LABORATORY AIR	PSI	POUNDS PER SQUARE INCH	UPC	UNIFORM PLUMBING CODE
CGA	COMPRESSED GAS ASSOCIATION	GAL	GALLON	LAV	LAVATORY	PSIA	POUNDS PER SQUARE INCH ABSOLUTE	V	VENT
CI	CAST IRON	GCO	GRADE CLEANOUTS	LBSHR	POUNDS PER HOUR	PSIG	POUNDS PER SQUARE INCH GAUGE	VAC	VACUUM
CO	CLEANOUT	GPD	GALLONS PER DAY	LCW	LABORATORY COLD WATER	PTTV	PRESSURE TEMPERATURE RELIEF VALVE	VBC	VACUUM BREAKER
CS	CLINICAL SINK	GPH	GALLONS PER HOUR	LHW	LABORATORY HOT WATER	PW	POTABLE WATER	VP	VACUUM PUMP
CV	CONTROL VALVE	GPM	GALLONS PER MINUTE	LNG	LIQUID NATURAL GAS	RD	ROOF DRAIN	VS	VENT STACK
DCW	DOMESTIC COLD WATER	GPR	GAS PRESSURE REGULATOR	LOX	LIQUID OXYGEN	RL	ROOF LEADER	VTR	VENT THROUGH ROOF
DHW	DOMESTIC HOT WATER	GRS	GAS REGULATOR STATION	LW	LOW WATER	RV	REVERSE VALVE	W	WASTE
DHWR	DOMESTIC HOT WATER RETURN	GT	GAS TIGHT THROUGH ROOF	M	METER	RL	ROOF LEADER	WC	WATER CLOSET
DHWS	DOMESTIC HOT WATER SUPPLY	GWH	GAS WASH WATER HEATER	MA	MANUAL AIR VENT	RL	ROOF LEADER	WCO	WALL CLEANOUT
DI	DEIONIZED WATER			MAV	MANUAL AIR VENT	RO	REVERSE OSMOSIS	WG	WATER GAUGE
DN	DOWN			MBH	1000 BTUH	RWL	RAIN WATER LEADER	WH	WALL HYDRANT
DOE	DEPARTMENT OF ENERGY			MEH	MECHANICAL EQUIPMENT ROOM			WH	WATER HEATER
DS	DOWNSPOUT			MEC	MECHANICAL EQUIPMENT ROOM			WHL	WATER HAMMER ARRESTOR
DW	DISHWASHER			MH	MANHOLE			WL	WATER LINE
DWG	DRAWING			MOU	MEMORANDUM OF UNDERSTANDING			WM	WATER METER
DWR	DRINKING WATER RETURN			MSB	MCP SERVICE BASIN			WPD	WATER PRESSURE DROP
DWS	DRINKING WATER SUPPLY			MV	MEDICAL VACUUM			WS	WASTE STACK
DWV	DRAIN WASTE VENT							YCO	YARD CLEANOUT
								YH	YARD HYDRANT

PLUMBING VALVE SYMBOLS

	GATE VALVE
	GLOBE VALVE
	GATE VALVE WITH 3/4\"/>
	CHECK VALVE
	ANGLE GLOBE VALVE
	BUTTERFLY VALVE
	BALL VALVE
	MODULATING CONTROL VALVE
	TWO POSITION CONTROL VALVE
	THREE-WAY MODULATING CONTROL VALVE
	THREE-WAY TWO POSITION CONTROL VALVE
	PRESSURE REGULATING VALVE
	BALANCING VALVE (CIRCUIT SETTER)
	PRESSURE RELIEF VALVE
	MANUAL AIR VALVE
	TEST PLUG (PRESSURE/TEMPERATURE)
	AUTOMATIC AIR VENT

GENERAL PLUMBING SYMBOLS

	DIRECTION OF PIPE PITCH (DOWN)
	DIRECTION OF FLOW
	ANCHOR
	REDUCER OR INSERTER
	ECCENTRIC REDUCER
	TOP CONNECTION, 45\"/>
	BOTTOM CONNECTION, 45\"/>
	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
	WATER HAMMER ARRESTOR
	FLOAT & THERMOSTATIC TRAP SET INCLUDING PIPING ACCESSORIES
	STRAINER
	THERMOMETER
	TEMPERATURE SENSOR (AQUASTAT)
	PRESSURE GAUGE
	FLOW ELEMENT

WATER HAMMER ARRESTOR SCHEDULE

MARK	FIXTURE UNIT RATING
A	1 - 10
B	11 - 32
C	33 - 60
D	61 - 113
E	114 - 154
F	155 - 330

PLUMBING LOAD SUMMARY

MARK	DESCRIPTION	QUANTITY	CWFU EACH	CWFU	HWFU EACH	HWFU	DFU EACH	DFU
P-101	WATER CLOSET, FLOOR MOUNTED	21	6	126		0	4	84
P-418	LAVATORY WALL HUNG	38	1.5	57	1.5	57	1	38
P-502	SERVICE SINK	1	3	3	3	3	2	2
P-505	CLINIC SERVICE SINK FAUCET & FLUSH VALVE	1	3	10	0	0	0	10
P-528	SINGLE COMPARTMENT SINK	3	1	3	1	3	2	6
P-531	SINGLE COMPARTMENT SINK	3	1.5	4.5	1.5	4.5	2	6
P-604	WATER COOLER WALL HUNG	2	0.5	1		0	0	0
P-704	SHOWER WALL MOUNTED, HOSE SPRAY	1		0		1		0
P-809	DIALYSIS BOX	2	0	0		0	0	0
P-811	ICE MAKER BOX WITH DRAIN	2	0.25	0.5		0		0
		88		206		68.5		146

CIRCULATOR PUMP SCHEDULE

MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	TYPE	FLUID	FLOW	HEAD	NOMINAL POWER (HP)	PHASE	VOLT	R.P.M.	CONTROL
DWCP-1	MECHANICAL ROOM	MICU ADDITION	DCW	IN-LINE	WATER	15.0 GPM	30.0 TH2O	3/4	1	115	1750	AQUASTAT
DWCP-2	MECHANICAL ROOM	MICU ADDITION	DHW	IN-LINE	WATER	15.0 GPM	30.0 TH2O	3/4	1	115	1750	AQUASTAT

DOMESTIC COLD WATER HEAT EXCHANGER

MARK	LOCATION	ROOM SERVED	SYSTEM	TYPE	CAPACITY	FLOW	EWI	LWT	WPD	FLOW	EWI	LWT	WPD	REMARKS
DWHX-1	MECHANICAL ROOM	MICU ADDITION	DCW	PLATE AND FRAME	223307.1 Btu/h	30 GPM	75 °F	60 °F	10.00 psi	38 GPM	45 °F	57 °F	10.00 psi	SEE MECHANICAL PLAN FOR HYDRONIC CONNECTION

DOMESTIC WATER HEATER SCHEDULE

MARK	LOCATION	BUILDING SERVED	SYSTEM	FLOW	EWI	LWT	STEAM FLOW (LBS/HR)	ENT HEAT EXCHANGER	ENT CONTROL VALVE	SYSTEM BTU/HR	RECEIVER	ELECTRICAL VOLT	AMPS	WEIGHT (LBS)	REMARKS
DWH-1	MECHANICAL ROOM	MICU ADDITION	DHW	35 GPM	110 °F	135 °F	447	3.00 psi	15.00 psi	435751.0 Btu/h	0 gal	115	2 A	767	

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	WASTE PIPE	VENT PIPE	COLD WATER	HOT WATER	WASTE FIXTURE UNITS	WATER FIXTURE UNITS	WRIST BLADE HANDLES	ELECTRIC SENSOR	REMARKS
2\"/>	FLOOR DRAIN	2\"/>								SEE SPECIFICATION SECTION 221300. LIGHT DUTY, TYPE D.
P-101	WATER CLOSET, FLOOR MOUNTED	3\"/>	2\"/>	1\"/>	0\"/>	4	8			SEE SPECIFICATION SECTION 224000. FLOOR MOUNTED, BACK DISCHARGE, BARIATRIC RATED.
P-418	LAVATORY WALL HUNG	1 1/2\"/>	1 1/2\"/>	1 1/2\"/>	1 1/2\"/>	1	1.5	No	Yes	SEE SPECIFICATION SECTION 224000. WITH BATTERY POWERED SENSOR OPERATED FAUCET, GOOSENECK AND LAMINAR FLOW OUTLET.
P-502	SERVICE SINK	3\"/>	1 1/2\"/>	1 1/2\"/>	1 1/2\"/>	2	4	No	No	SEE SPECIFICATION SECTION 224000. FLOOR MOUNTED STAIN RESISTANT TERRAZO
P-505	CLINIC SERVICE SINK FAUCET & FLUSH VALVE	4\"/>	2\"/>	1 1/2\"/>	1 1/2\"/>	4	10			SEE SPECIFICATION SECTION 224000. FAUCET WITH 1/2\"/>
P-528	SINGLE COMPARTMENT SINK	1 1/2\"/>	1 1/2\"/>	1 1/2\"/>	1 1/2\"/>	3	2	No	Yes	SEE SPECIFICATION SECTION 224000.
P-531	SINGLE COMPARTMENT SINK	1 1/2\"/>	1 1/2\"/>	1 1/2\"/>	1 1/2\"/>	3	2	Yes	No	SEE SPECIFICATION SECTION 224000.
P-604	WATER COOLER WALL HUNG	1 1/2\"/>	1 1/2\"/>	1 1/2\"/>	1 1/2\"/>	0.5	0.5			SEE SPECIFICATION SECTION 224000.
P-704	SHOWER WALL MOUNTED, HOSE SPRAY	2\"/>	1 1/2\"/>	1 1/2\"/>	1 1/2\"/>	2	1.5	No	No	SEE SPECIFICATION SECTION 224000.
P-809	DIALYSIS BOX	2\"/>	2\"/>	1 1/2\"/>	0\"/>	0	0			SEE SPECIFICATION SECTION 224000.
P-811	ICE MAKER BOX WITH DRAIN	1 1/2\"/>		1 1/2\"/>	0\"/>	0	0.25			SEE SPECIFICATION SECTION 221400.
RD-1	DOVE TYPE ROOF DRAIN	5\"/>								SEE SPECIFICATION SECTION 221400.
RD-2	DOVE TYPE ROOF DRAIN	4\"/>								SEE SPECIFICATION SECTION 221400.

PLUMBING LEGEND

	SANITARY SEWER PIPING
	VENT PIPING
	STORM WATER
	DOMESTIC COLD WATER PIPING
	DOMESTIC HOT WATER PIPING
	DOMESTIC HOT/COLD WATER RETURN
	ACID WASTE
	ACID VENT
	FIRE SUPPRESSION
	CONTINUATION

DEDUCT ALTERNATES

- REDUCTION OF SITE WORK. INSTALL 14 FOOT WIDE CONCRETE SIDEWALK FROM THE NORTH PARKING LOT TO FRONT ENTRANCE ALL OTHER AREA TO HAVE GRASS SEED. REDUCE PARAPET HEIGHT 2'-0".
- PROVIDE MODULAR NURSE STATION FURNITURE PURCHASED DIRECTLY IN LIEU OF CUSTOM NURSE STATION CASEWORK WITHIN THE CONTRACT. REDUCTION OF FINISHES & EQUIPMENT: MOTORIZED BLINDS, WARDROBES, CCTV PATIENT MONITORING CAMERAS & MONITORS, AND PHYSIOLOGICAL MONITORS TO BE GOVERNMENT PURCHASED.
- DELETE PATIENT LIFTS AND SUPPORT STRUCTURES FROM ALL ICU ROOMS. DELETE THE SLIDING-BREAKAWAY ICU DOORS (ICU 1 THROUGH 15) AND REPLACE EACH WITH A PAIR OF STOREFRONT 48-INCH DOORS SWINGING INTO THE ROOM.
- DELETE THE PHASE 2B SCOPE OF WORK IN ITS ENTIRETY.
- DELETE PURCHASE AND INSTALLATION OF PATIENT HEADWALL UNITS FROM CONTRACT.
- DELETE THE PHASE 2A SCOPE OF WORK IN ITS ENTIRETY.
- DELETE 4 ICU ROOMS (ICU ROOMS 1, 2 AND 15, 16) BY SHELLING THE SPACES AND DELETING THE 3 SLIDING-BREAKAWAY ICU DOORS AND REPLACING THEM WITH HOLLOW METAL DOORS AND FRAMES AND DESIGNATING THE 4 SPACES AS EQUIPMENT STORAGE. RETAIN THE UNEQUAL STOREFRONT PAIR IN ICU 16.
- DELETE 4 ICU ROOMS (ICU ROOMS 3, 4 AND 13, 14) BY SHELLING THE SPACES AND DELETING THE 4 SLIDING-BREAKAWAY ICU DOORS AND REPLACING THEM WITH HOLLOW METAL DOORS AND FRAMES AND DESIGNATING THE 4 SPACES AS EQUIPMENT STORAGE.

GENERAL NOTES

- THE ENTIRE PLUMBING SYSTEM SHALL BE IN ACCORDANCE WITH ALL PROJECT SPECIFICATIONS, LOCAL STATE, AND NATIONAL CODES ALONG WITH ALL VA STANDARDS. EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE TO MANUFACTURER'S WRITTEN RECOMMENDATIONS.
- ALL WORK SHALL BE COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION. CONTRACTOR SHALL COORDINATE ROUTING OF ALL PIPING WITH EXISTING CONDITIONS AND SHALL PROVIDE ANY NECESSARY OFFSETS, REROUTING, ETC. REQUIRED FOR A COMPLETE AND COORDINATED INSTALLATION.
- THESE PLANS ARE DIAGRAMMATIC. CONTRACTOR SHALL PROVIDE ALL NECESSARY OFFSETS, TEES, ELBOWS, ETC. FOR A COMPLETE WORKING PLUMBING SYSTEM.
- THE PLUMBING CONTRACTOR SHALL COMPLY WITH ALL VA PERMITS AND INSPECTION PROCEDURES REQUIRED FOR THIS WORK.
- CONTRACTOR SHALL COORDINATE ANY PLUMBING SYSTEM REQUIRED SHUTDOWN WITH THE OWNER 1 WEEK IN ADVANCE.
- ALL DOMESTIC PIPING SHOWN IS LOCATED IN THE INTERSTITIAL SPACE OR WITHIN WALLS UNLESS NOTED OTHERWISE.
- ALL PLUMBING FIXTURES AND KITCHEN EQUIPMENT SHALL HAVE A PISTON TYPE WATER HAMMER ARRESTOR SIZED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- ALL SANITARY SEWER PIPING SHOWN IS LOCATED BELOW FLOOR SLAB OR WITHIN WALLS UNLESS NOTED OTHERWISE. ALL SANITARY VENT PIPING SHOWN IS ABOVE THE CEILING OR WITHIN WALLS UNLESS NOTED OTHERWISE.
- ALL PIPING SYSTEM SHALL BE SUPPORTED AS REQUIRED BY ALL LOCAL, STATE, AND NATIONAL CODES ALONG WITH ALL VA STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.
- ALL PIPING PENETRATIONS THROUGH NEW OR EXISTING WALLS OR FLOORS SHALL BE SEALED TO EQUAL THE RATING OF THE NEW OR EXISTING WALL OR FLOOR.
- ALL PLUMBING SYSTEM SHALL BE TESTED AS REQUIRED PER ALL LOCAL, STATE, AND NATIONAL CODES ALONG WITH ALL VA STANDARDS.
- THE PLUMBING CONTRACTOR SHALL COORDINATE ALL PLUMBING PIPING WITH ALL STRUCTURAL COMPONENTS.
- THE ENTIRE DOMESTIC WATER SYSTEM SHALL BE DISINFECTED IN ACCORDANCE WITH ALL LOCAL, STATE, AND NATIONAL CODES ALONG WITH ALL VA STANDARDS.

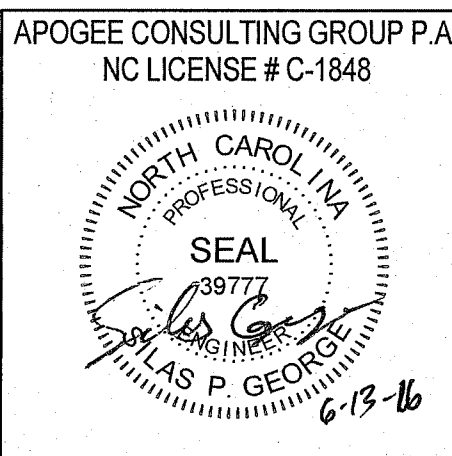
CONSTRUCTION DOCUMENTS

Drawing Title PLUMBING LEAD SHEET	Project Title EXPAND MEDICAL INTENSIVE CARE UNIT	Project Number 14.1049	OFFICE OF FACILITIES MANAGEMENT
Approved for Design Concept: FACILITY MANAGEMENT DIVISION MANAGER	Location H.H. MCGUIRE VAMC	Building Number #500	VA Project Number 652-316
Date 03/01/2016	Checked By: SPG	Drawn By: ORD	Drawing Number P-001
			VA Project Number 652-316



U.S. Department of Veterans Affairs

VAMC RICHMOND
1201 BROAD ROCK BLVD, RICHMOND, VA 23249



ARCHITECT/ENGINEERS:

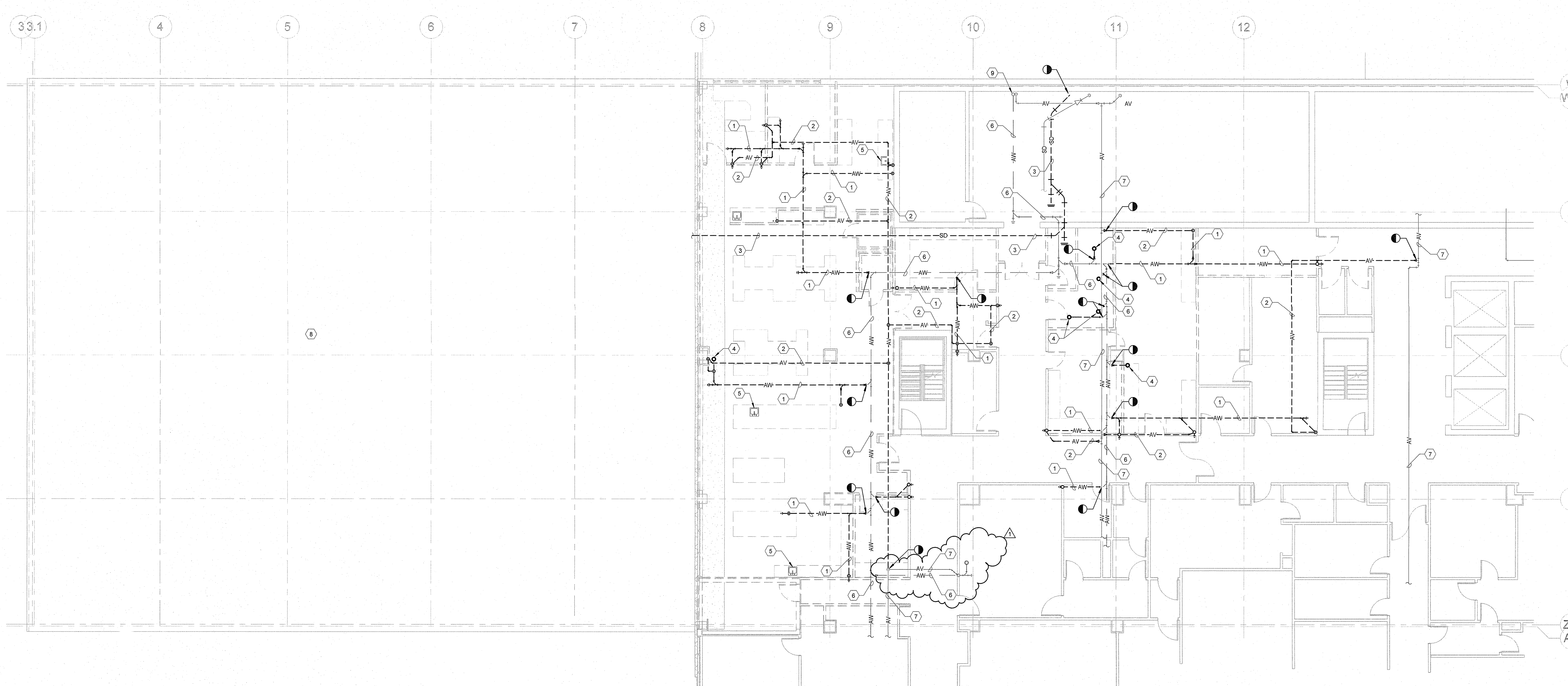
PROJECT LEAD
Architect, Structural Engineer, Civil Engineer
GUIDON DESIGN
905 N. CAPITOL AVE. SUITE 100 INDIANAPOLIS, IN 46204
317.600.6388 WWW.GUIDONDESIGN.COM
SUSTAINABLE ARCHITECTURE + ENGINEERING

MEP Engineer
APOGEE
Consulting Group, P.A.
1151 Kiddaire Farm
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Cary, NC 27511
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Interior Design
BASKERVILL
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Tel: 804-343-1010

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 32

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



1 LEVEL 3 - WASTE AND VENT DEMOLITION PLAN
PD101 1/8" = 1'-0"

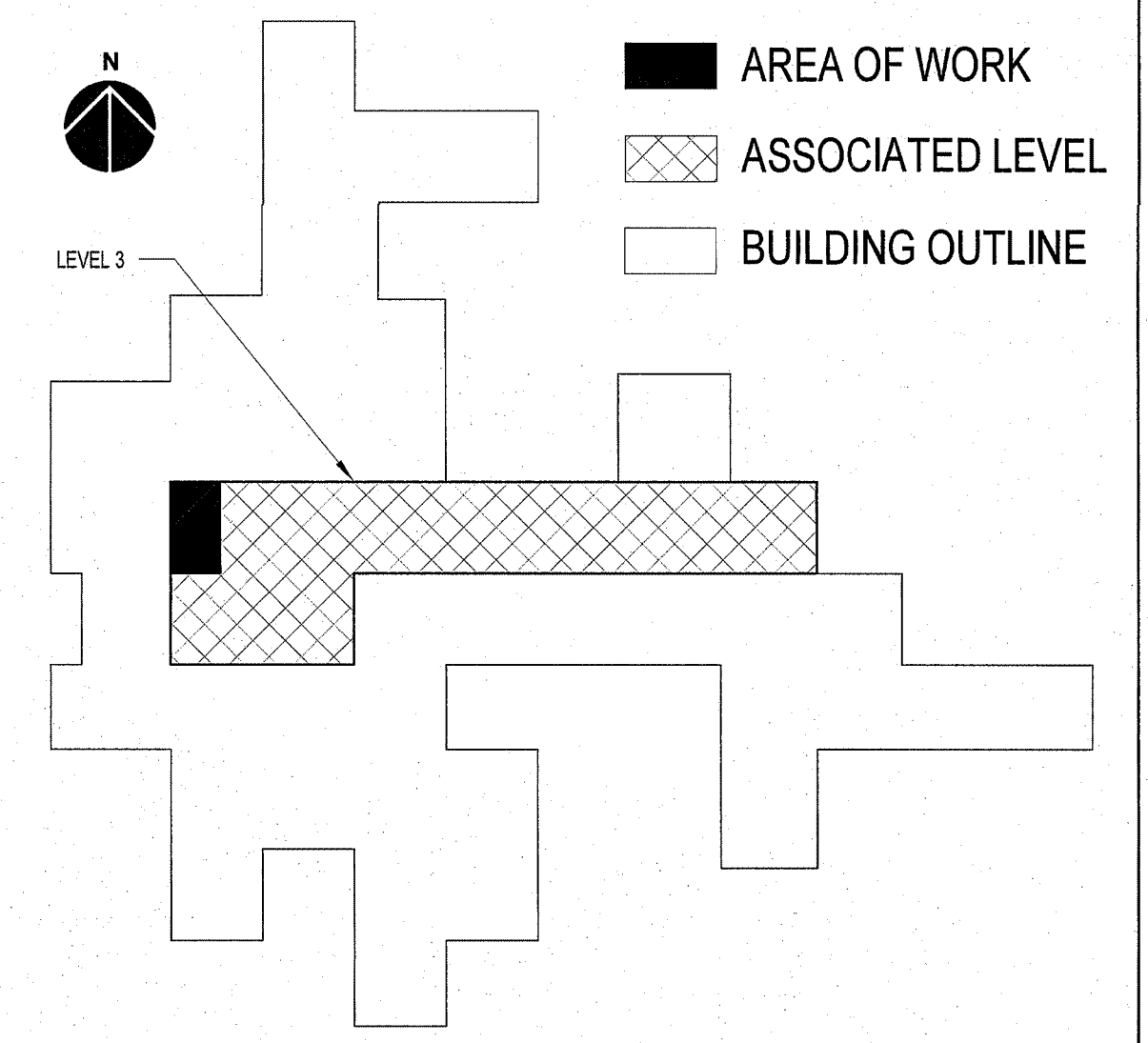
GENERAL NOTES:

- EXISTING ACID WASTE PIPE SHOWN ON THIS PLAN IS LOCATED IN THE 2ND LEVEL INTERSTITIAL SPACE.
- EXISTING ACID VENT PIPE SHOWN ON THIS PLAN IS LOCATED IN THE 3RD LEVEL INTERSTITIAL SPACE.
- COORDINATE ALL DEMOLITION WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES, AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.
- ALL DEMOLISHED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS NOTED OTHERWISE. CONTRACTOR SHALL DISPOSE OF EQUIPMENT IN ACCORDANCE WITH ALL VAMC REQUIREMENTS AND ENVIRONMENTAL REGULATIONS.
- CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS, PRESERVE ANY EXISTING PIPING OR EQUIPMENT THAT IS NOT INDICATED FOR DEMOLITION OR IS DISCOVERED IN THE DEMOLITION PROCESS.
- NO EXISTING PIPE SHALL BE LEFT OPEN AFTER PARTIAL REMOVAL. PIPE SHALL BE CAPPED OR EITHER MADE READY FOR CONNECTION TO NEW WORK.
- CONTRACTOR SHALL VERIFY THAT ALL FLOOR PENETRATIONS (ABOVE AND BELOW) ARE PROPERLY FIRE STOPPED AFTER THE DEMO OR NEW WORK. THE G.C. SHALL FIRE STOP ALL EXISTING PENETRATIONS EXCEPT OPENINGS LEFT BY THE REMOVAL OF PM & E PIPES, DUCT, ETC. PM & E CONTRACTOR SHALL FIRE STOP ALL THESE PENETRATIONS. NEW PENETRATIONS TO BE FIRE STOPPED BY RESPECTIVE TRADES.
- FIELD VERIFY ALL EXISTING PIPE LOCATIONS, SIZES, AND INVERTS. THIS IS TO INCLUDE ALL COLD, HOT, AND HOT WATER RETURN PIPING, DRAIN, WASTE, AND VENT PIPING.
- ASSOCIATED PIPING INCLUDES DRAIN, WASTE, VENT, HOT, HOT WATER RETURN, AND COLD WATER LINES.
- REMOVE EXISTING ABANDONED PIPE HANGERS, RODS, AND SUPPORTS.
- ALL LINES THAT ARE TO BE REMOVED SHALL BE CAPPED AT MAIN LINE RISERS AND STACKS.
- ALL EXISTING PIPING SHOWN ON THIS PLAN IS TO REMAIN UNLESS OTHERWISE NOTED.

SHEET KEY NOTES:

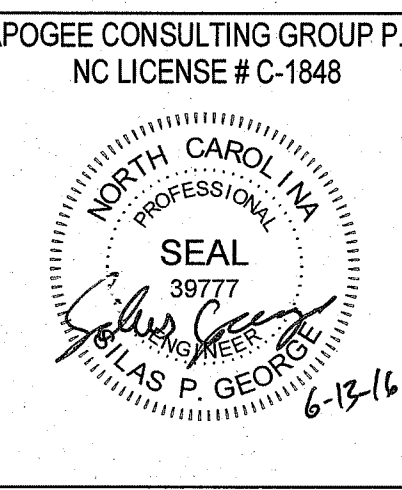
- DEMOLISH EXISTING ACID WASTE PIPE LOCATED IN LEVEL 2 INTERSTITIAL SPACE. INCLUDE HANGERS AND ALL APPURTENANCES RELATED WITH THIS SYSTEM.
- DEMOLISH EXISTING ACID VENT PIPE LOCATED IN LEVEL 3 INTERSTITIAL SPACE. INCLUDE HANGERS AND ALL APPURTENANCES RELATED WITH THIS SYSTEM.
- DEMOLISH EXISTING STORM DRAINAGE PIPE LOCATED IN LEVEL 2 INTERSTITIAL SPACE. INCLUDE HANGERS AND ALL APPURTENANCES RELATED WITH THIS SYSTEM.
- DEMOLISH EXISTING FLOOR DRAIN.
- DEMOLISH EXISTING PLUMBING FIXTURE.
- EXISTING ACID WASTE PIPE TO REMAIN AS IS.
- EXISTING ACID VENT PIPE TO REMAIN AS IS.
- SEE PD103 ROOF PLUMBING DEMOLITION PLAN FOR WORK IN THIS AREA.
- EXISTING 9" SANITARY STACK DOWN AND 3" SANITARY UP.

KEY PLAN



ADDENDUM #1	06/13/2016
Revisions:	Date

VA U.S. Department of Veterans Affairs
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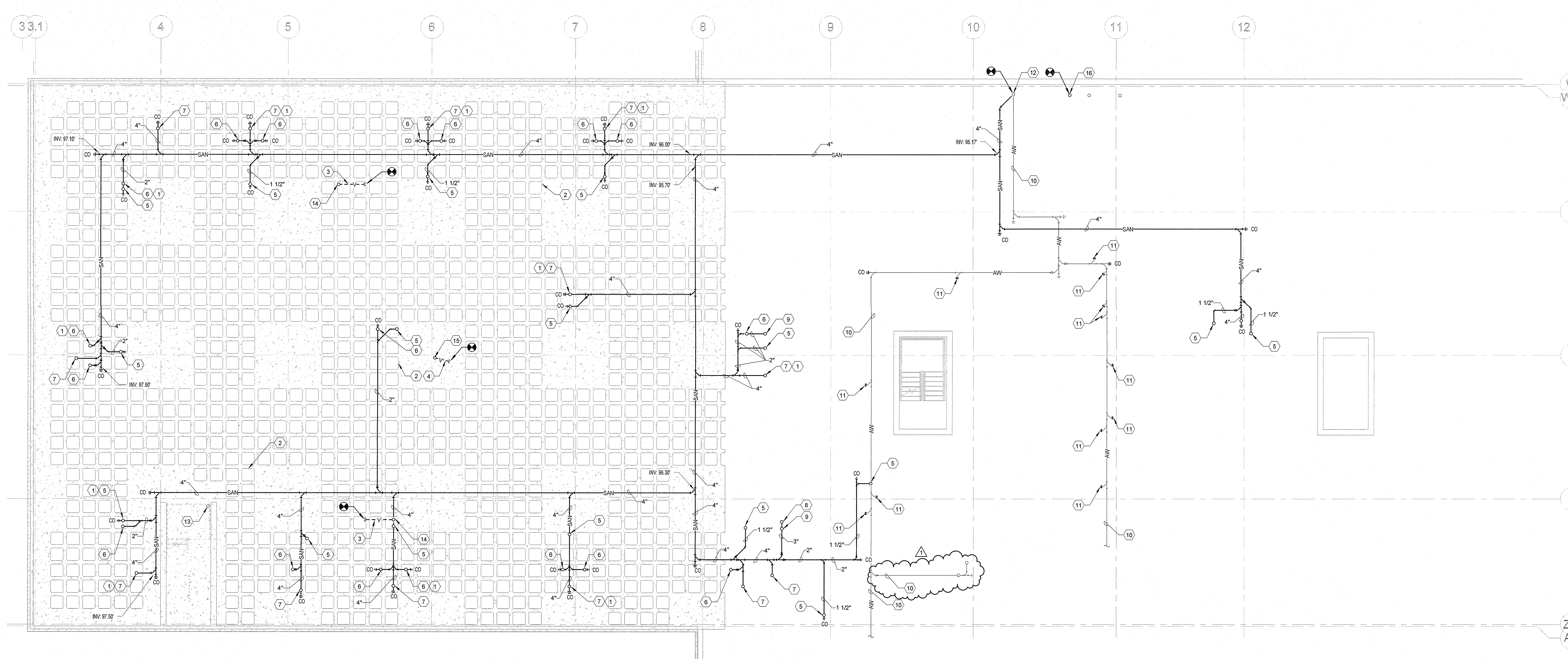
ARCHITECT/ENGINEERS:
PROJECT LEAD
Architect, Structural Engineer, Civil Engineer
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Tel: 804-343-1010

CONSTRUCTION DOCUMENTS					
Drawing Title LEVEL 3 - SANITARY DEMOLITION PLAN		Project Title EXPAND MEDICAL INTENSIVE CARE UNIT		Project Number 14.1049	
Approved for Design Concept: FACILITY MANAGEMENT DIVISION MANAGER		Location H.H. MCGUIRE VAMC		Building Number #500	
Date 03/01/2016		Checked By: SPG		Drawn By: ORD	
				Drawing Number PD101	
				OFFICE OF FACILITIES MANAGEMENT VA Project Number 652-316 VA U.S. Department of Veterans Affairs	

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three quarters inch = one foot
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one eighth inch = one foot



1 LEVEL 2 INTERSTITIAL - SANITARY PLAN
PP100 1/8" = 1'-0"

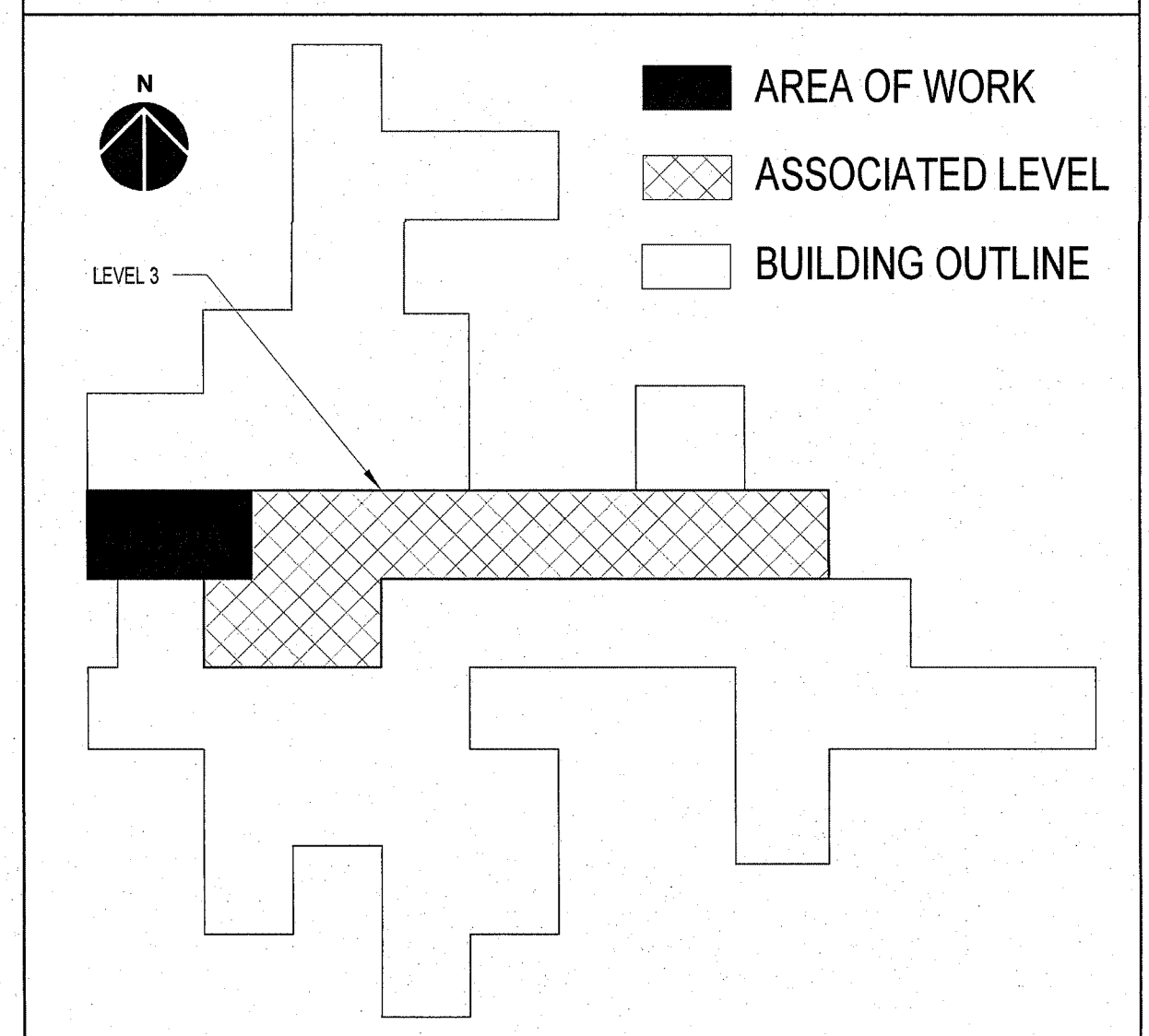
GENERAL NOTES:

- SEE PP001 WASTE AND VENT ISOMETRIC FOR COMPLEMENTARY INFORMATION.
- COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.
- ALL TIE-IN TO EXISTING COLD, HOT, HOT WATER RETURN TO BE COORDINATED AND SCHEDULED WITH VAMC. ASSUME ALL TIES WILL BE PERFORMED DURING OFF PEAK HOURS (NIGHTS AND/OR WEEKENDS).
- COORDINATE PLUMBING INSTALLATION WITH OTHER TRADES. OFFSET LINES AS NEEDED TO AVOID CONFLICTS.
- PIPING HAS BEEN INDICATED ON DRAWINGS IN APPROXIMATE LOCATIONS. EXACT ROUTING WILL BE DETERMINED IN THE FIELD.
- DO NOT SCALE DRAWING. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL FIXTURES AND EQUIPMENT.
- FIELD VERIFY ALL EXISTING PLUMBING PIPE LOCATIONS, SIZES, AND INVERTS.
- SLEEVE ALL PENETRATIONS, FIRESTOP OR SEAL AS REQUIRED, PRIOR TO ANY EXCAVATIONS.
- VERIFY EXISTING UNDERGROUND UTILITIES AND LOCATIONS.
- REFER TO ARCHITECTURAL PLANS FOR RATED WALL LOCATIONS.
- COORDINATE CLEANOUT, FLOOR DRAINS, FLOOR ACCESS COVERS WITH ARCHITECTURAL FINISH PLAN.
- WASTE PIPING IS BELOW FLOOR UNLESS NOTED OTHERWISE. ALL WATER AND VENT PIPING IN THE INTERSTITIAL SPACE UNLESS NOTED OTHERWISE.
- ALL HANGER SUPPORTS SHALL BE INSTALLED VERTICALLY AND UPRIGHT.
- ALL PIPES SHALL BE INSTALLED PARALLEL AND PERPENDICULAR TO BUILDING.
- PROVIDE FULL PORT VALVES AT ALL DOMESTIC WATER BRANCH CONNECTIONS IN ADDITION PROVIDE CHECK VALVES AT ALL LOCATIONS SERVING FIXTURES WITH THERMOSTATIC MIXING VALVES.
- PROVIDE HOUSEKEEPING PADS FOR ALL FLOOR MOUNTED EQUIPMENT.

SHEET KEY NOTES:

- COORDINATE CORE DRILL PENETRATION WITH CONCRETE WAFFLE STRUCTURE. ADJUST AS NECESSARY TO AVOID DAMAGING ANY CRITICAL STRUCTURAL MEMBERS, TYPICAL.
- EXISTING CONCRETE WAFFLE STRUCTURE, TYP.
- RELOCATED 2" VENT.
- RELOCATED 2" VENT.
- 1 1/2" SANITARY UP. SEE PP101 FOR CONTINUATION.
- 2" SANITARY UP. SEE PP101 FOR CONTINUATION.
- 4" SANITARY UP. SEE PP101 FOR CONTINUATION.
- 3" SANITARY UP. SEE PP101 FOR CONTINUATION.
- 1 1/2" VENT UP. SEE PP101 FOR CONTINUATION.
- EXISTING ACID WASTE SYSTEM.
- CAP REMAINING PIPES AFTER DEMOLITION WORK.
- EXISTING 5" SANITARY STACK.
- EXISTING 6" FIRE PROTECTION STANDPIPE.
- 3" RELOCATED VENT UP. SEE PP101 FOR CONTINUATION.
- 2" RELOCATED VENT UP. SEE PP101 FOR CONTINUATION.
- 10" STORM DRAIN DOWN FROM ABOVE. CONNECT TO EXISTING 10" STORM DRAIN RISER.

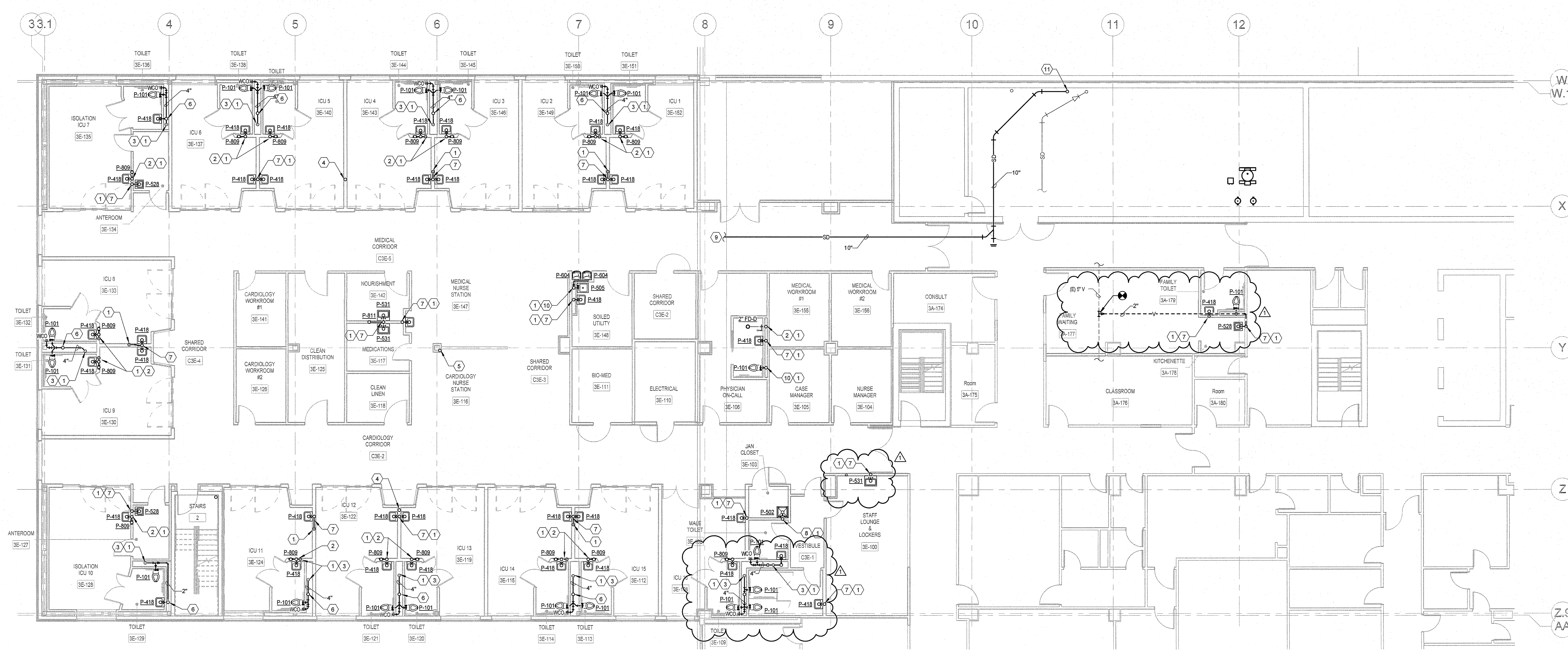
KEY PLAN



CONSTRUCTION DOCUMENTS

ADDENDUM #1 Revisions: 06/13/2016 Date		VA U.S. Department of Veterans Affairs VAMC RICHMOND 1201 BROAD ROCK BLVD, RICHMOND, VA 23249		U.S. Department of Veterans Affairs Seal of the Department of Veterans Affairs		APOGEE CONSULTING GROUP P.A. NC LICENSE # C-1848 Seal of the State of North Carolina		ARCHITECT/ENGINEERS: PROJECT LEAD Architect, Structural Engineer, Civil Engineer GUIDON DESIGN 905 N. CAPITOL AVE. SUITE 100 INDIANAPOLIS, IN 46204 317.850.6388 WWW.GUIDONDESIGN.COM SUSTAINABLE ARCHITECTURE • ENGINEERING		MEP Engineer Consulting Group, P.A. APOGEE 1151 Kildaire Farm Road, Suite 120 Cary, NC 27511 Tele: 919-858-7420		Interior Design BASKERVILL 101 S. 15th Street Suite 200 Richmond, VA 23219 Tele: 804-343-1010		Drawing Title LEVEL 2 - INTERSTITIAL - SANITARY PLAN Approved for Design Concept: FACILITY MANAGEMENT DIVISION MANAGER		Project Title EXPAND MEDICAL INTENSIVE CARE UNIT Location H.H. MCGUIRE VAMC Date 03/01/2016 Checked By: SPG Drawn By: ORD		Project Number 14.1049 Building Number #500 Drawing Number PP100		OFFICE OF FACILITIES MANAGEMENT VA Project Number 652-316 U.S. Department of Veterans Affairs	
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three inches = one foot



1 LEVEL 3 - SANITARY PLAN
PP101 1/8" = 1'-0"

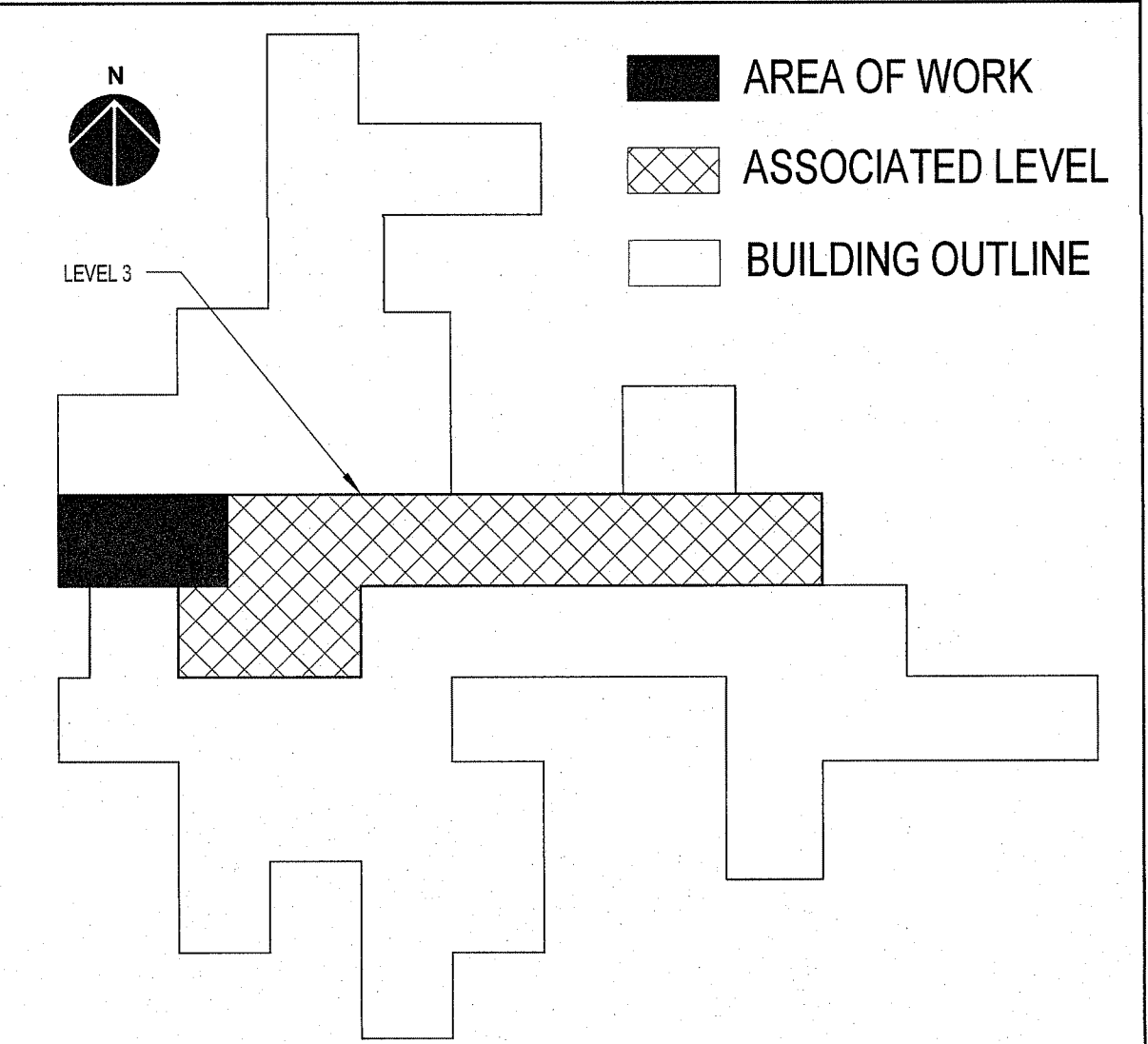
GENERAL NOTES:

- 1 SEE PP001 WASTE AND VENT ISOMETRIC FOR COMPLEMENTARY INFORMATION.
- 2 COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES, AND THE COR TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE PROJECT LIMITS OF WORK.
- 3 ALL TIE-IN TO EXISTING COLD, HOT, HOT WATER RETURN TO BE COORDINATED AND SCHEDULED WITH VAMC. ASSUME ALL TIE-INS WILL BE PERFORMED DURING OFF PEAK HOURS (NIGHTS AND/OR WEEKENDS).
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- 8 SLEEVE ALL PENETRATIONS, FIRESTOP OR SEAL AS REQUIRED.
- 9 VERIFY EXISTING UNDERGROUND UTILITIES AND LOCATIONS PRIOR TO ANY EXCAVATIONS.
- 10 REFER TO ARCHITECTURAL PLANS FOR RATED WALL LOCATIONS.
- 11 COORDINATE CLEANOUT, FLOOR DRAINS, FLOOR ACCESS COVERS WITH ARCHITECTURAL FINISH PLAN.
- 12 WASTE PIPING IS BELOW FLOOR UNLESS NOTED OTHERWISE. ALL WATER AND VENT PIPING IN THE INTERSTITIAL SPACE UNLESS NOTED OTHERWISE.
- 13 ALL HANGER SUPPORTS SHALL BE INSTALLED VERTICALLY AND UPRIGHT.
- 14 ALL PIPES SHALL BE INSTALLED PARALLEL AND PERPENDICULAR TO BUILDING.
- 15 PROVIDE FULL PORT VALVES AT ALL DOMESTIC WATER BRANCH CONNECTIONS IN ADDITION PROVIDE CHECK VALVES AT ALL LOCATIONS SERVING FIXTURES WITH THERMOSTATIC MIXING VALVES.
- 16 PROVIDE HOUSEKEEPING PADS FOR ALL FLOOR MOUNTED EQUIPMENT.

SHEET KEY NOTES:

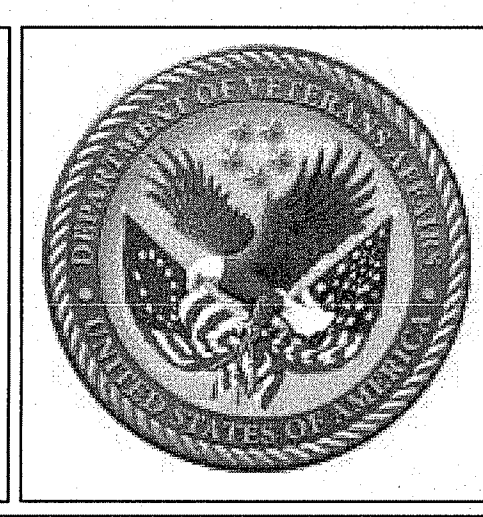
- 1 SANITARY PIPE DOWN TO INTERSTITIAL SPACE BELOW. COORDINATE CORE DRILL PENETRATION WITH CONCRETE WARFFLE STRUCTURE. ADJUST AS NECESSARY TO AVOID DAMAGING ANY CRITICAL STRUCTURAL MEMBERS. SEE 1PP100 FOR CONTINUATION.
- 2 2" SANITARY DOWN AND 2" VENT PIPE UP.
- 3 4" SANITARY DOWN. SEE 1PP100 FOR CONTINUATION.
- 4 RELOCATED 3" VENT. SEE 1PP100 FOR CONTINUATION.
- 5 RELOCATED 2" VENT. SEE 1PP100 FOR CONTINUATION.
- 6 2" VENT UP. TRANSITION TO A 3" VTR.
- 7 1 1/2" SANITARY DOWN AND 1 1/2" VENT PIPE UP.
- 8 3" SANITARY DOWN AND 1 1/2" VENT PIPE UP.
- 9 SEE 1PP103 LEVEL 4 PLUMBING ROOF PLAN FOR CONTINUATION.
- 10 4" SANITARY DOWN, 2" VENT UP. SEE 1PP100 FOR CONTINUATION.
- 11 ROUTE NEW 10" STORM DRAIN DOWN TO CONNECTION POINT IN LEVEL 2 MECHANICAL ROOM.

KEY PLAN



ADDENDUM #1	06/13/2016
Revisions:	Date

VA U.S. Department of Veterans Affairs
VAMC RICHMOND
1201 BROAD ROCK BLVD, RICHMOND, VA 23249



APOGEE CONSULTING GROUP P.A.
NC LICENSE # C-1848
SEAL
NORTH CAROLINA
PROFESSIONAL ENGINEER
JULIAS P. GEORGE
2016

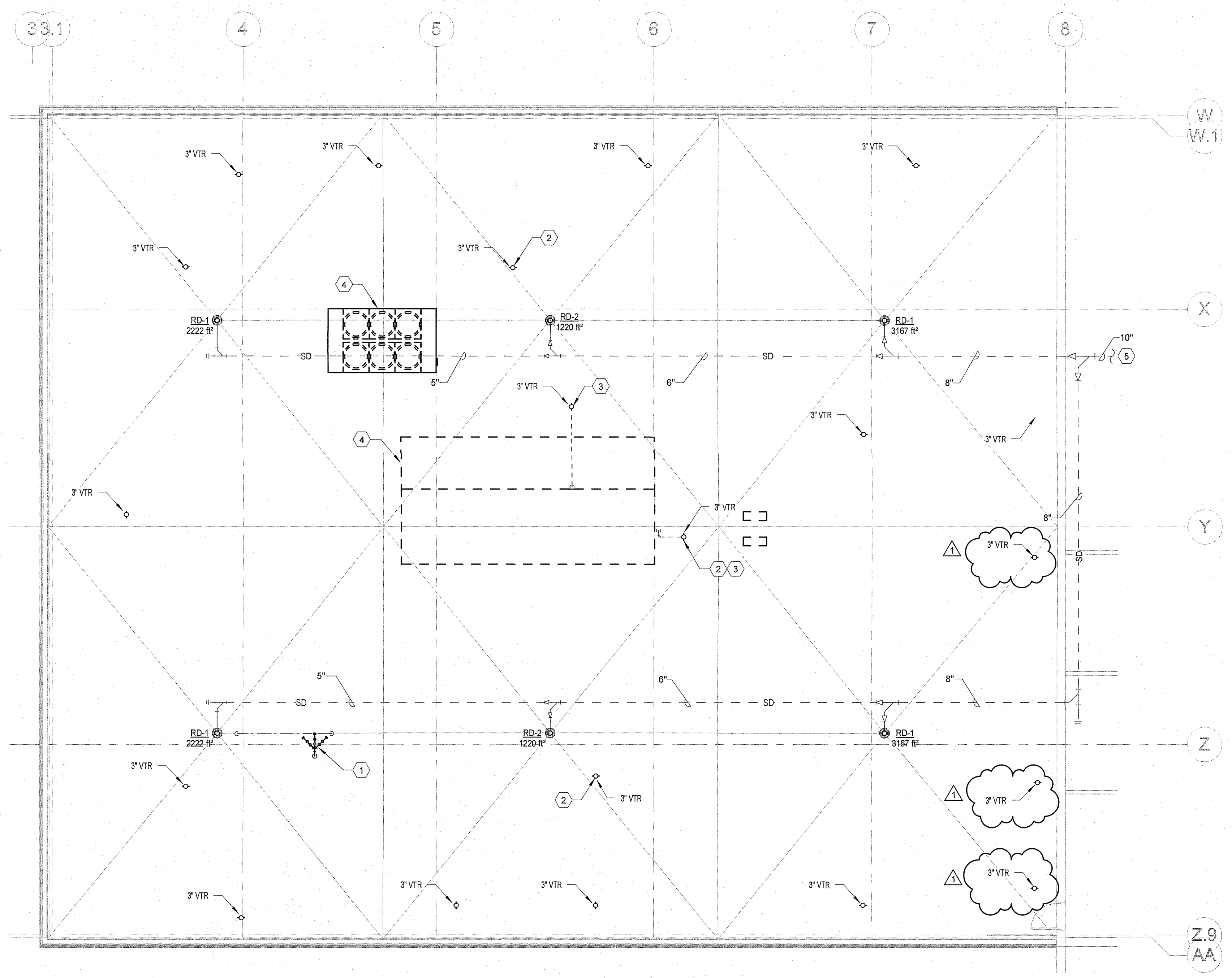
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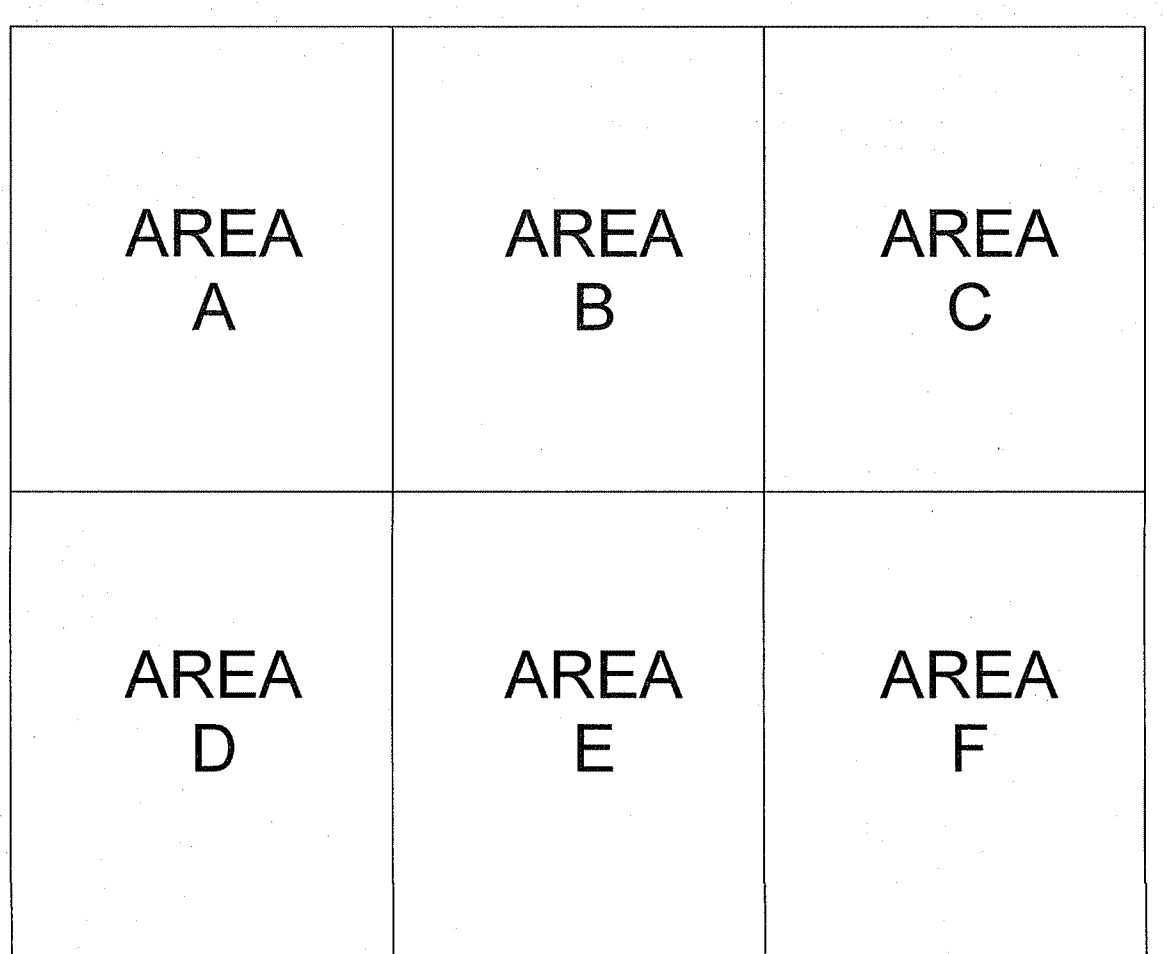
Interior Design
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CONSTRUCTION DOCUMENTS					
Drawing Title LEVEL 3 - SANITARY PLAN		Project Title EXPAND MEDICAL INTENSIVE CARE UNIT		Project Number 14.1049	
Approved for Design Concept: FACILITY MANAGEMENT DIVISION MANAGER		Location H.H. MCGUIRE VAMC		Building Number #500	
		Date 03/01/2016	Checked By: SPG	Drawn By: ORD	Drawing Number PP101
				OFFICE OF FACILITIES MANAGEMENT	
				VA Project Number 652-316	
				VA U.S. Department of Veterans Affairs	

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



1 ROOF - PLUMBING PLAN
PP103 1/8" = 1'-0"



ROOF KEY PLAN

LEADER SIZING CALCULATION	
ROOF DIMENSIONS:	
LENGTH = 117 FT	
WIDTH = 96 FT	
ADJACENT WALL = 96 L X 35 H	
AREA A = 2222 FT ²	
AREA B = 1220 FT ²	
AREA C = 2285 FT ² + 884 FT ² = 3169 FT ²	
AREA D = 2222 FT ²	
AREA E = 1220 FT ²	
AREA F = 2285 FT ² + 884 FT ² = 3169 FT ²	
STORM SYSTEM	
AREA A + AREA B =	3442 FT ²
AREA A + AREA B + AREA C =	6591 FT ²
AREA D + AREA E =	3442 FT ²
AREA D + AREA E + AREA F =	6591 FT ²
TOTAL =	13181 FT ²
RICHMOND, VIRGINIA 100 YEAR 60 MIN. PRECIPITATION: 3.3 IN	
HORIZONTAL LEADER CAPACITY - TABLE 1106.3 (1% SLOPE):	
4" @ 4.0"/HR =	1800 FT ²
5" @ 4.0"/HR =	3340 FT ²
6" @ 4.0"/HR =	5350 FT ²
8" @ 4.0"/HR =	11500 FT ²
10" @ 4.0"/HR =	20700 FT ²
12" @ 4.0"/HR =	33300 FT ²

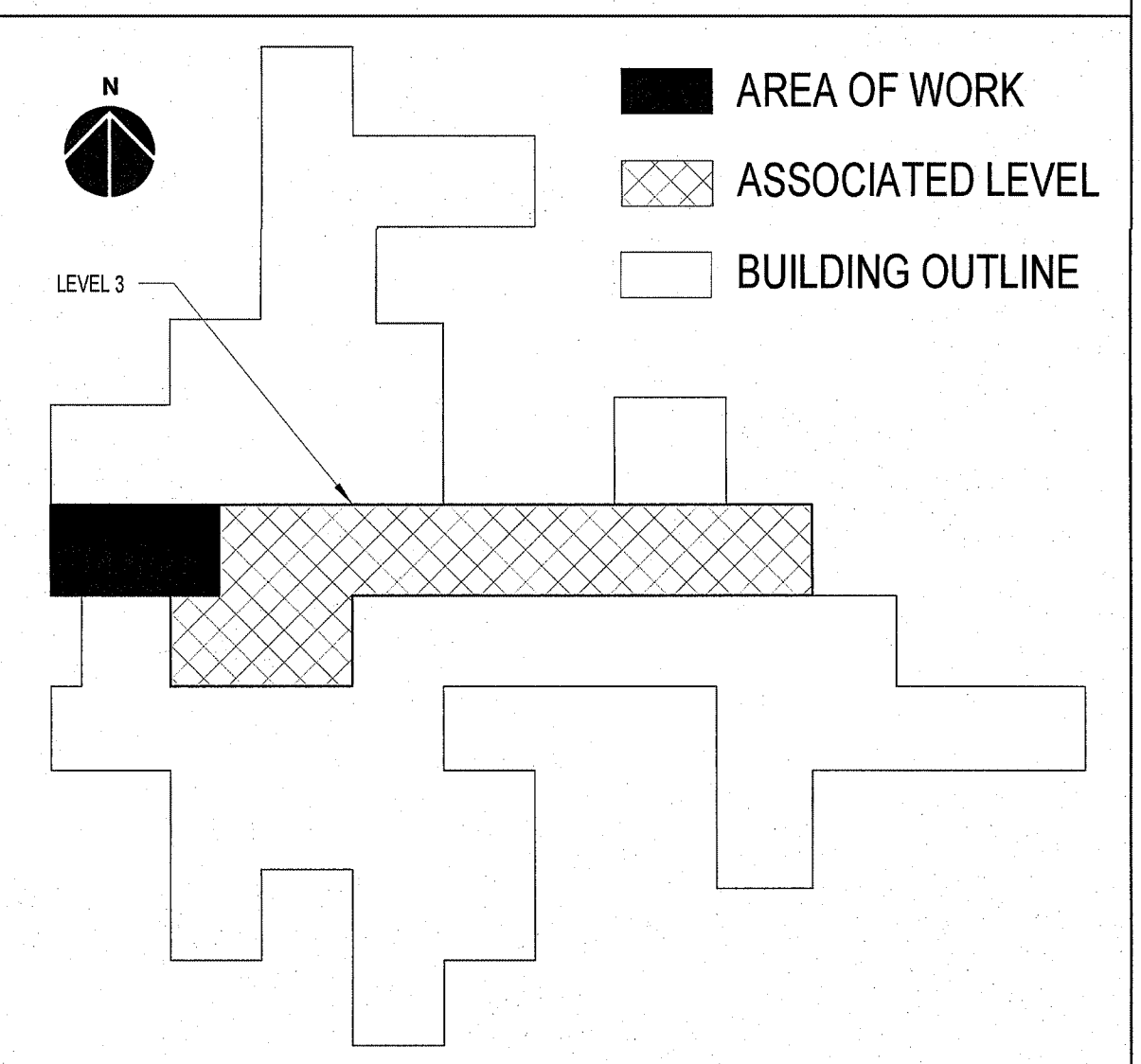
GENERAL NOTES:

- ALL PIPING SHOWN ON THIS PLAN IS LOCATED IN THE 3RD LEVEL INTERSTITIAL SPACE.
- COORDINATE ALL DEMOLITION WORK WITH THE GENERAL CONTRACTOR, OTHER TRADES.
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- ASSOCIATED PIPING INCLUDES DRAIN, WASTE, VENT, HOT, HOT WATER RETURN, AND COLD WATER LINES.
- REMOVE EXISTING ABANDONED PIPE HANGERS, RODS, AND SUPPORTS.
- ALL LINES THAT ARE TO BE REMOVED SHALL BE CAPPED AT MAIN LINE RISERS AND STACKS.
- ALL EXISTING PIPING SHOWN ON THIS PLAN IS TO REMAIN UNLESS OTHERWISE NOTED.

SHEET KEY NOTES:

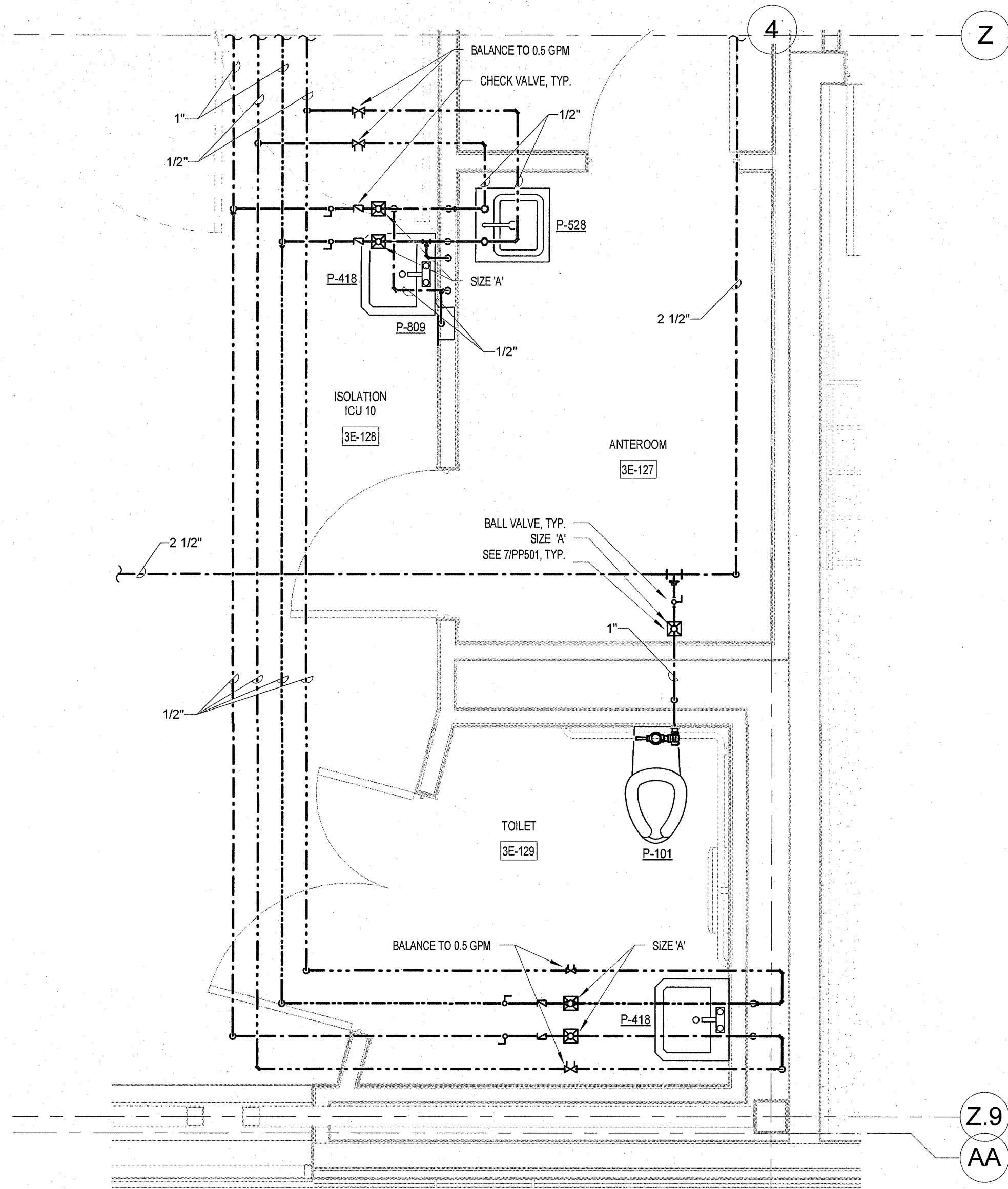
- RELOCATED 8" FIRE PROTECTION STANDPIPE AND ROOF MANIFOLD.
- RELOCATED VENT. SEE PP901 WASTE AND VENT ISOMETRIC.
- OFFSET VENT AS NECESSARY TO CLEAR MECHANICAL EQUIPMENT.
- MECHANICAL EQUIPMENT. REFERENCE MECHANICAL DRAWINGS.
- SEE 1PP101 LEVEL 3 SANITARY PLAN FOR CONTINUATION.

KEY PLAN

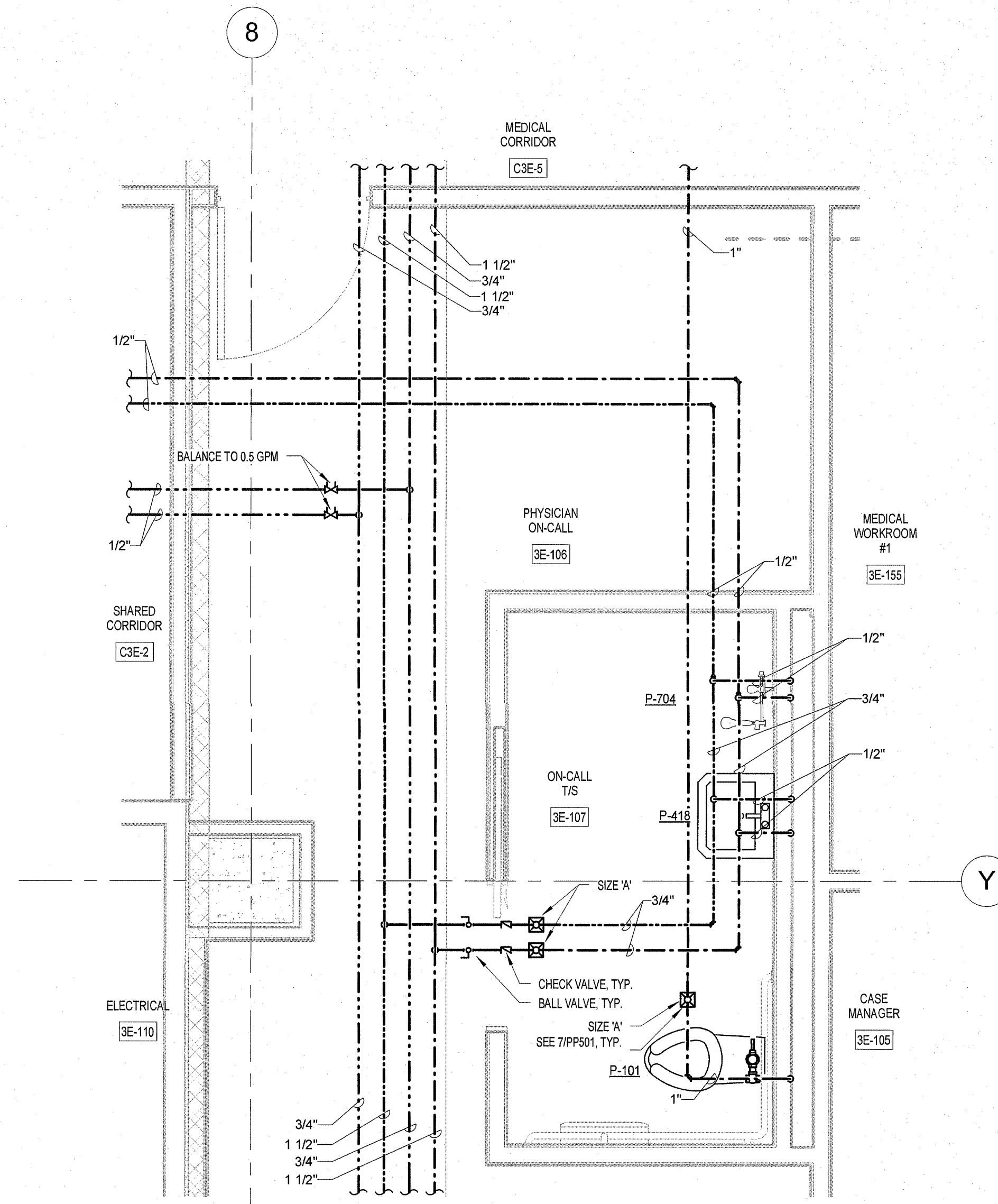


CONSTRUCTION DOCUMENTS

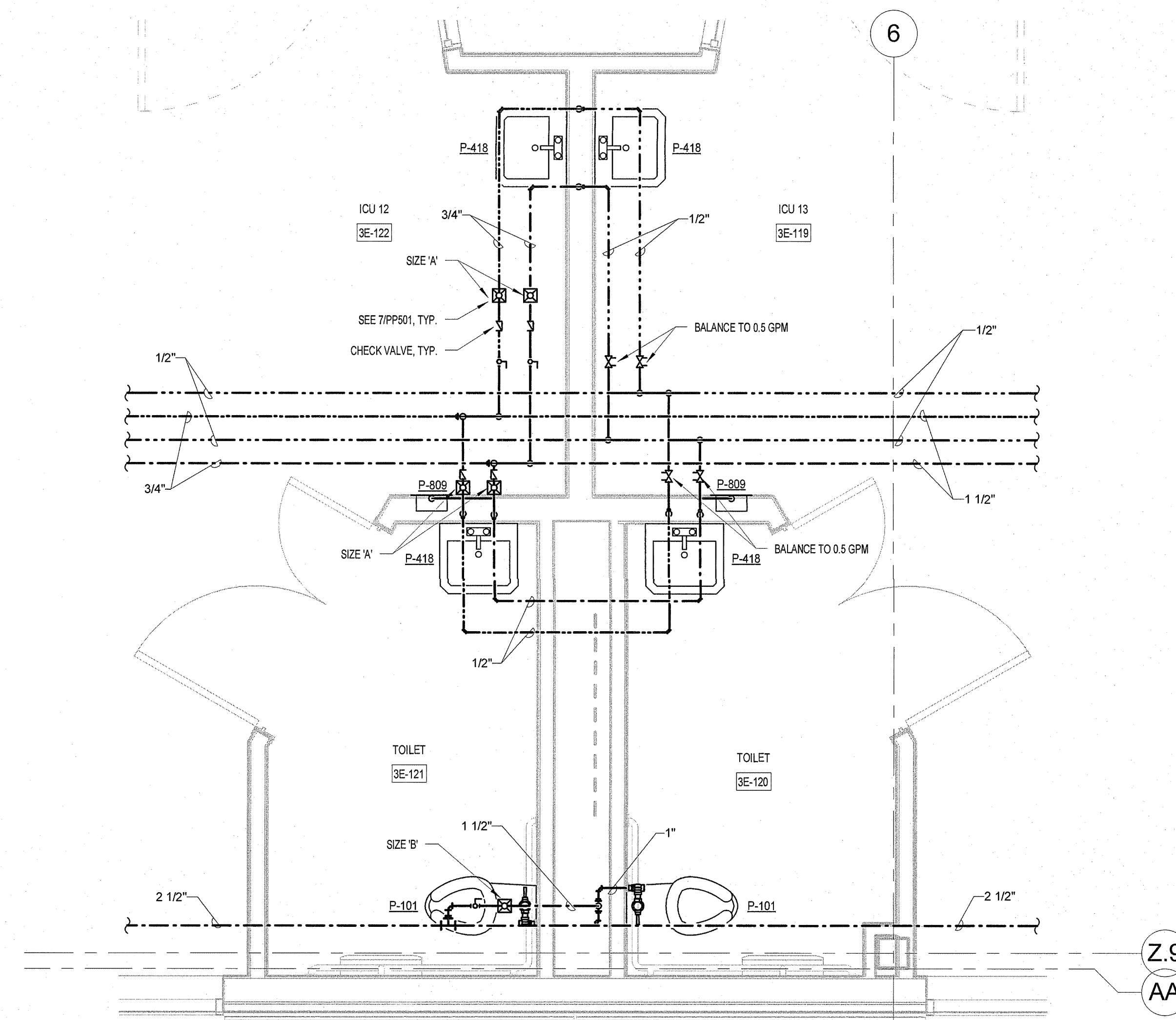
ADDENDUM #1 Revisions:		06/13/2016 Date		VA U.S. Department of Veterans Affairs VAMC RICHMOND 1201 BROAD ROCK BLVD, RICHMOND, VA 23249		U.S. Department of Veterans Affairs Seal of the Department of Veterans Affairs		APOGEE CONSULTING GROUP P.A. NC LICENSE # C-1848 ARCHITECT/ENGINEERS: PROJECT LEAD Architect, Structural Engineer, Civil Engineer GUIDON DESIGN 905 N. CAPITOL AVE. SUITE 100 INDIANAPOLIS, IN 46204 317.800.8388 WWW.GUIDONDESIGN.COM SUSTAINABLE ARCHITECTURE + ENGINEERING		MEP Engineer APOGEE Consulting Group, PA 1151 Kildaire Farm Road, Suite 120 Cary, NC 27511 Tele: 919-858-7420		Interior Design BASKERVILL 101 S. 15th Street Suite 200 Richmond, VA 23219 Tele: 804-343-1010		Drawing Title LEVEL 4 - PLUMBING ROOF PLAN		Project Title EXPAND MEDICAL INTENSIVE CARE UNIT		Project Number 14.1049 Building Number #500		OFFICE OF FACILITIES MANAGEMENT	
Approved for Design Concept: FACILITY MANAGEMENT DIVISION MANAGER		Location H.H. MCGUIRE VAMC		Drawing Number PP103		VA Project Number 652-316		Date 03/01/2016		Checked By: SPG		Drawn By: ORD		U.S. Department of Veterans Affairs							



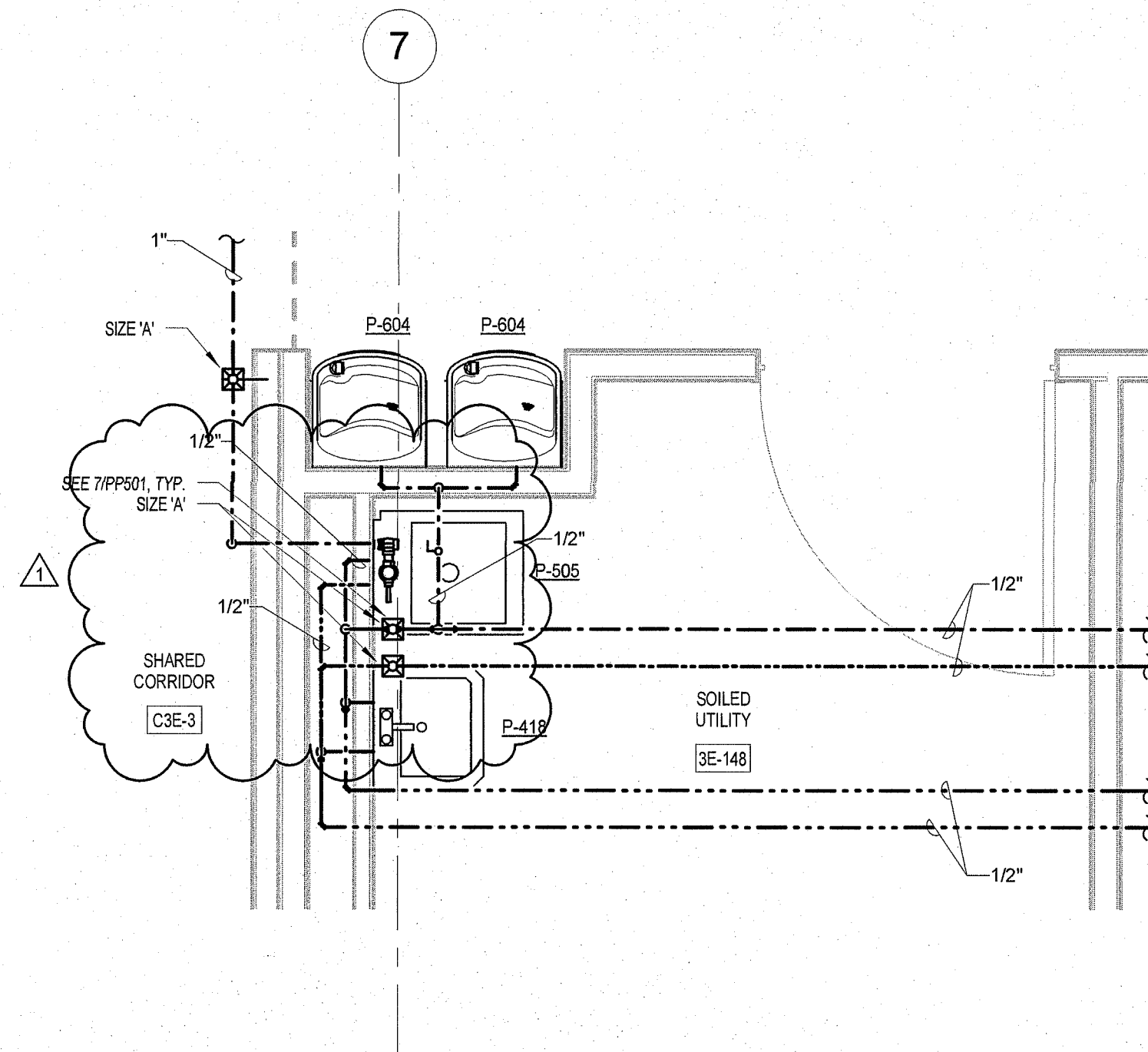
1 ENLARGED DOMESTIC WATER PLAN 1
PP401 1/2" = 1'-0"



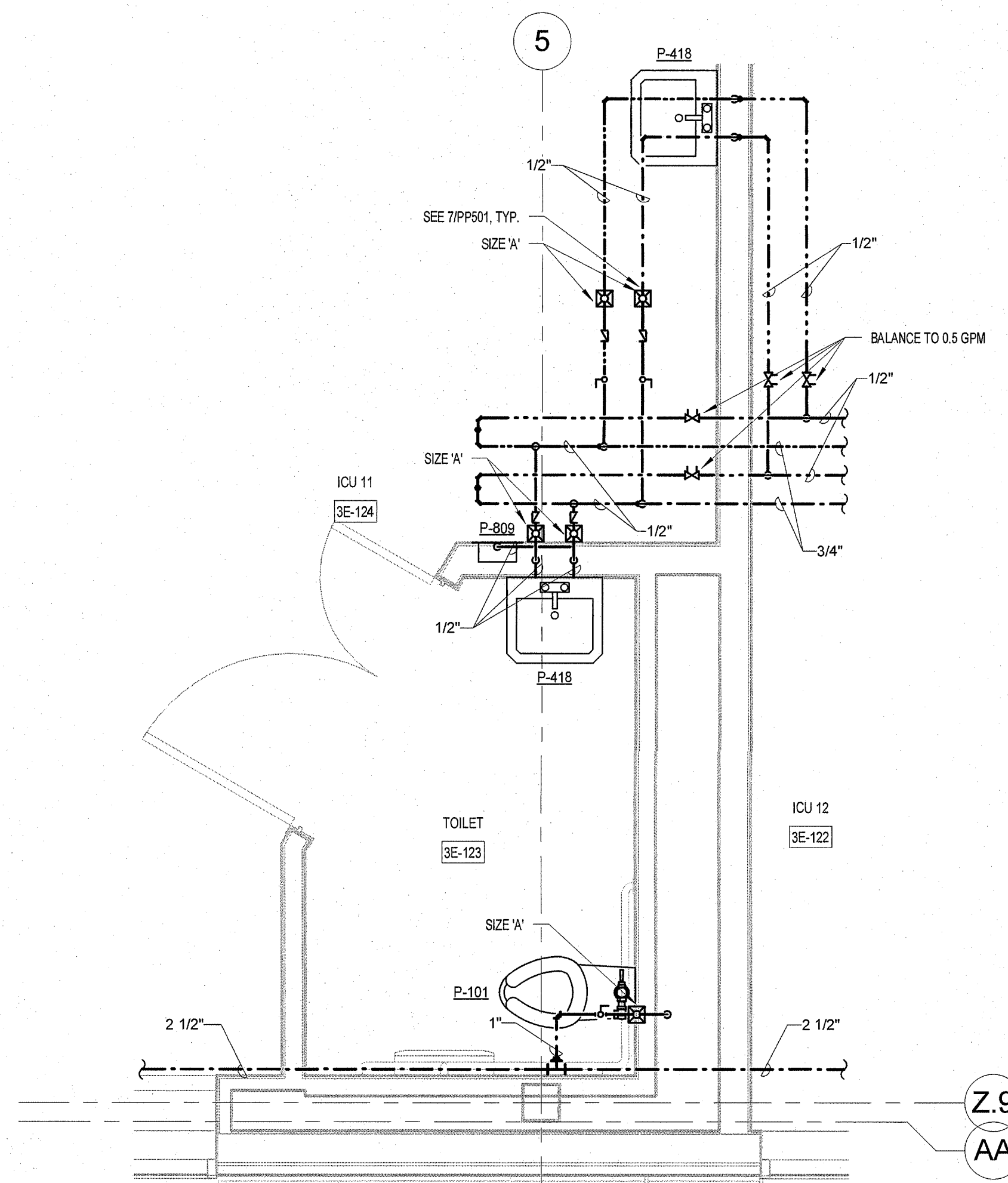
2 ENLARGED DOMESTIC WATER PLAN 7
PP401 1/2" = 1'-0"



3 ENLARGED DOMESTIC WATER PLAN 3
PP401 1/2" = 1'-0"

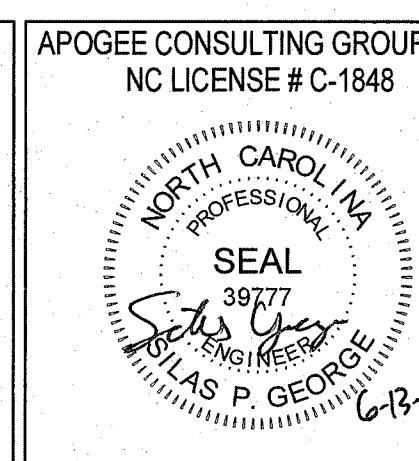
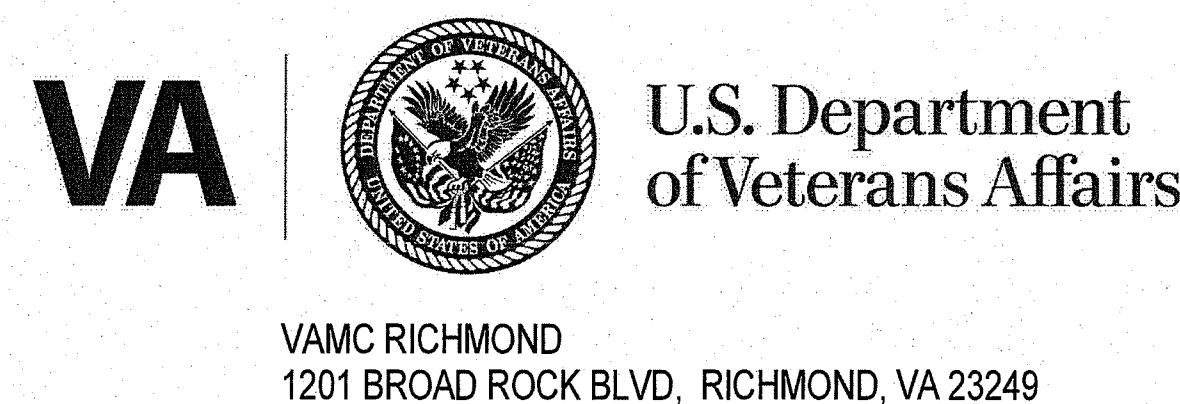


4 ENLARGED DOMESTIC WATER PLAN 4
PP401 1/2" = 1'-0"



5 ENLARGED DOMESTIC WATER PLAN 2
PP401 1/2" = 1'-0"

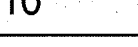
ADDENDUM #1	06/13/2016
Revisions:	Date



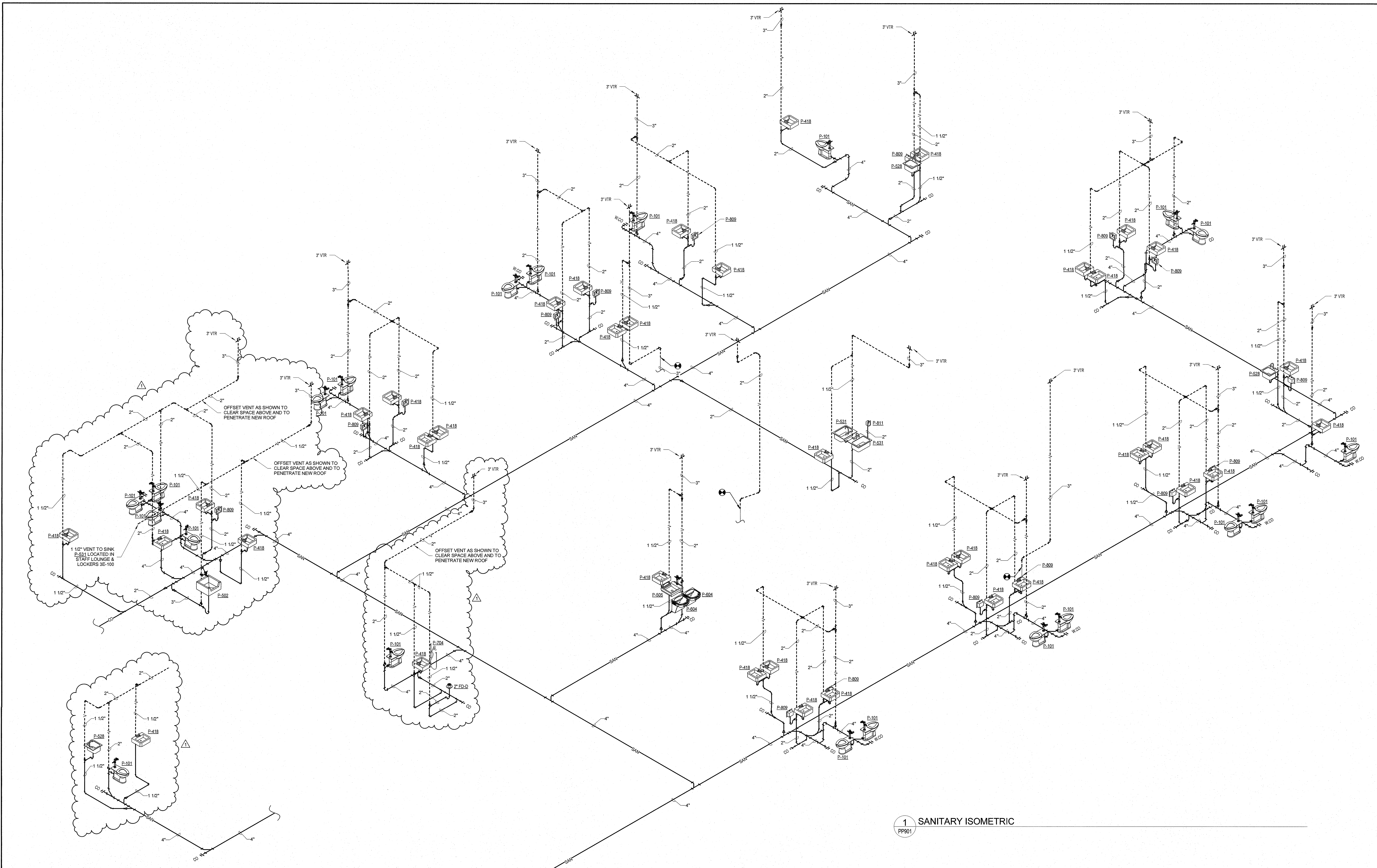
ARCHITECT/ENGINEERS:
PROJECT LEAD
Architect, Structural Engineer, Civil Engineer
GUIDON DESIGN
905 N. CAPITOL AVE. SUITE 100 INDIANAPOLIS, IN 46204
317.800.6388 WWW.GUIDONDESIGN.COM
SUSTAINABLE ARCHITECTURE + ENGINEERING

MEP Engineer
APOGEE
Consulting Group, PA
1151 Kildaire Farm
Road, Suite 120
Cary, NC 27511
Tel: 919-858-7420

Interior Design
BASKERVILL
101 S. 15th Street
Suite 200
Richmond, VA 23219
Tel: 804-343-1010

CONSTRUCTION DOCUMENTS						
Drawing Title ENLARGED PLUMBING PLANS	Project Title EXPAND MEDICAL INTENSIVE CARE UNIT		Project Number 14.1049		OFFICE OF FACILITIES MANAGEMENT	
			Building Number #500			
Approved for Design Concept: FACILITY MANAGEMENT DIVISION MANAGER	Location H.H. MCGUIRE VAMC		Drawing Number		VA Project Number 652-316	
			PP401		VA  U.S. Department of Veterans Affairs	
	Date 03/01/2016	Checked By: SPG	Drawn By: ORD			

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



1 SANITARY ISOMETRIC
PP901

VA U.S. Department of Veterans Affairs VAMC RICHMOND 1201 BROAD ROCK BLVD, RICHMOND, VA 23249			ARCHITECT/ENGINEERS: PROJECT LEAD Architect, Structural Engineer, Civil Engineer GUIDON DESIGN 905 N. CAPITOL AVE. SUITE 100 INDIANAPOLIS, IN 46204 317.860.6388 WWW.GUIDONDESIGN.COM SUSTAINABLE ARCHITECTURE + ENGINEERING	MEP Engineer APOGEE Consulting Group, PA 1151 Kildaire Farm Road, Suite 120 Cary, NC 27511 Tel: 919-858-7420	Interior Design BASKERVILL 101 S. 15th Street Richmond, VA 23219 Tel: 804-343-1010	CONSTRUCTION DOCUMENTS			
Drawing Title SANITARY ISOMETRIC		Project Title EXPAND MEDICAL INTENSIVE CARE UNIT		Project Number 14.1049		Office of Facilities Management			
Approved for Design Concept: FACILITY MANAGEMENT DIVISION MANAGER		Location H.H. MCGUIRE VAMC		Building Number #500		VA Project Number 652-316			
Date 03/01/2016		Checked By: SPG		Drawn By: ORD		Drawing Number PP901			

