

DETAIL/SECTION TITLE

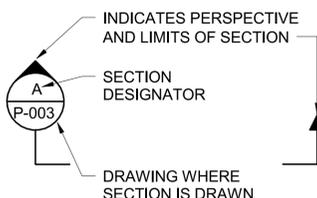
NUMBER = DETAIL DESIGNATOR
LETTER = SECTION DESIGNATOR

DETAIL

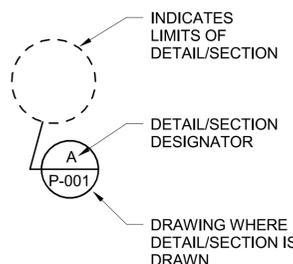
DRAWING WHERE
DETAIL/SECTION IS TAKEN



SECTION CUT SYMBOL



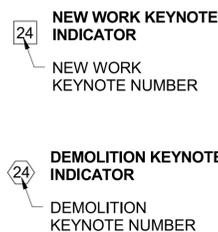
DETAIL/ENLARGED CALLOUT SYMBOL



GENERAL NOTES:

- UNLESS NOTED OTHERWISE, THE CIVIL AND MECHANICAL INTERFACE POINT IS 5 FEET OUTSIDE OF THE BUILDING WALL.
- COORDINATE ALL PIPE SLEEVE REQUIREMENTS WITH FOUNDATION SUBCONTRACTOR.
- COORDINATE MECHANICAL ROOM FLOOR DRAINS WITH ACTUAL EQUIPMENT LOCATIONS AND DRAINAGE REQUIREMENTS.
- LEGEND IS GENERAL IN NATURE AND NOT ALL ITEMS SHOWN MAY BE USED ON THIS PROJECT.
- INSTALL SANITARY PIPING WITH 1% SLOPE FOR 3" AND LARGER, 2% SLOPE FOR 2 1/2" AND SMALLER, SLOPE DOWNWARD IN DIRECTION OF FLOW. INSTALL VENT PIPING WITH 1% SLOPE DOWNWARD TOWARD FIXTURE OR STACK.
- ALL FIXTURES SHALL HAVE A P-TRAP INSTALLED.
- INSTALL CONDENSATE PIPING WITH 1% SLOPE DOWNWARD TOWARD DISCHARGE LOCATION.
- PLUMBING WORK MUST BE IN ACCORDANCE WITH UFC 3-420-01 AND THE INTERNATIONAL PLUMBING CODE.
- FIELD VERIFY EXISTING CONDITIONS AND COORDINATE PIPE ROUTES TO AVOID INTERFERENCE WITH OTHER UTILITIES AND EQUIPMENT. PROVIDE THE MINIMUM NUMBER OF ELBOWS AND OFFSETS NECESSARY FOR A COMPLETE INSTALLATION.

TAG SYMBOLS:



PIPE LINE DESIGNATIONS

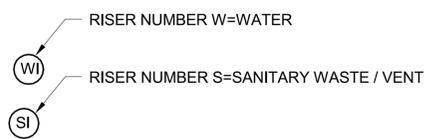
--- ?" V	VENT
--- ?" DCW	DOMESTIC COLD WATER (DCW)
--- ?" DHW	DOMESTIC HOT WATER (DHW)
--- ?" DHWR	DOMESTIC HOT WATER RECIRCULATION (DHWR)
--- ?" SS	SANITARY SEWER (ABOVE GRADE)
--- ?" SS	SANITARY SEWER (BELOW GRADE)
--- ?" SD	STORM DRAIN
--- ?" COND	CONDENSATE DRAIN
--- ?" NG	NATURAL GAS
[BFP]	BACKFLOW PREVENTION ASSEMBLY
[X]	BACKFLOW PREVENTION ASSEMBLY
[] CO	CLEANOUT IN RISER
[] WCO	CLEANOUT IN WALL
[O] FCO	CLEANOUT IN FLOOR

NOTE:
QUESTION MARKS (?) WILL BE REPLACED BY A PIPE SIZE ON DRAWINGS

CONSTRUCTION INTERFACE



PLUMBING RISER IDENTIFICATION



RISER DIAGRAM LEGEND

[CO]	CLEANOUT (CO) IN RISER
[FCO]	CLEANOUT (FCO) IN FLOOR
[VTR]	VENT THRU ROOF (VTR)
[X]	FLOOR OR WALL PENETRATION
[U]	PLUMBING FIXTURE TRAP
[]	FLOOR DRAIN/EQUIPMENT DRAIN
[G]	PRESSURE GAUGE
[WHA-A]	WATER HAMMER ARRESTOR - SPEC. TYPE
[WCO]	CLEANOUT (WCO) IN WALL
[UP, W, N, S, E, DN]	ISOMETRIC DIRECTION ARROW

PLUMBING ABBREVIATIONS

AG	AIR GAP	FOB	FLAT ON BOTTOM	TD	TRENCH DRAIN
ABV	ABOVE	FOT	FLAT ON TOP	TYP	TYPICAL
AFF	ABOVE FINISHED FLOOR	FOV	FLOAT OPERATED VALVE	VTR	VENT THROUGH ROOF
AC	AIR COCK	FD	FLOOR DRAIN	VCP	VITRIFIED CLAY PIPE
ARV	AIR RELEASE VALVE	FI	FLOW INDICATOR	WC	WATER CLOSET
BLVD	BEVELED	FM	FLOW METER	WUB	WASHER UTILITY BOX
BLE	BEVELED LARGE END	FS	FORGED STEEL	W	WASTE
BE	BEVEL END	GPF	GALLONS PER FLUSH		
BF	BLIND FLANGE	GPM	GALLONS PER MINUTE		
BFP	BACK FLOW PREVENTER	HD	HUB DRAIN		
BOP	BOTTOM OF PIPE	I.E.	INVERT ELEVATION		
BV	BALANCE VALVE	IMB	ICE MAKER BOX		
BW	BUTT WELD	L	LAVATORY		
CH OP	CHAIN WHEEL OPERATOR	LC	LOCK CLOSED		
CLG	CEILING	LO	LOCK OPEN		
CPVC	CHLORINATED POLYVINYL CHLORIDE	LR	LONG RADIUS		
CONC	CONCENTRIC	MW	MANWAY		
CORP STOP	CORPORATION STOP	NPSH	NET POSITIVE SUCTION HEAD		
DN	DOWN	NRS	NON-RISING STEM		
D	DRAIN	NWL	NORMAL WATER LEVEL		
DWH	DOMESTIC WATER HEATER	PSIA	POUNDS PER SQUARE INCH ABSOLUTE		
DI	DUCTILE IRON	PSIG	POUNDS PER SQUARE INCH GAUGE		
DWV	DRAINAGE WASTE VENT	PVC	POLYVINYL CHLORIDE		
E	EXISTING	RED	REDUCER-REDUCING		
ETR	EXISTING TO REMAIN	RCP	REMOTE COOLER PACKAGE		
ELL	ELBOW	RD	ROOF DRAIN		
ETR	EXISTING TO REMAIN	RS	RISING STEM		
EWC	ELECTRIC WATER COLOR	RLP	RUBBER LINED PIPE		
XH	EXTRA HEAVY	S	RUBBER LINED PIPE		
XS	EXTRA STRONG	SCH	SCHEDULE		
FO	FUEL OIL	SCRD	SCREWED		
FRP	FIBERGLASS REINFORCED PIPE	SH	SHOWER		
FCO	FLOOR CLEAN OUT	SR	SHORT RADIUS		
FW	FIELD WELD	SWG NIPP	SWAGED NIPPLE		
FLGD	FLANGED	TSE	THREAD SMALL END		
FCA	FLANGED COUPLING ADAPTER	TMS	TEMPERATURE MIXING STATION		
FE	FLANGED END	TOC	TOP OF CONCRETE		
FF	FLAT FACED	TOP	TOP OF PIPE		
FO	FUEL OIL	TOG	TOP OF GRATING		
		TOS	TOP OF STEEL		

PLUMBING SYMBOLS LEGEND

[WC-1]	WC-1	WATER CLOSET	[3-WAY]	3 - WAY VALVE
[WC-2]	WC-2	WATER CLOSET - ACCESSIBLE	[BAL]	BALANCING VALVE
[U-1]	U-1	URINAL	[CV]	CONTROL VALVE
[U-2]	U-2	URINAL - ACCESSIBLE	[PV]	PLUG VALVES
[LAV-1]	LAV-1	LAVATORY, COUNTER MOUNTED	[P]	PUMP
[LAV-2]	LAV-2	LAVATORY, WALL MOUNTED	[TMV]	THERMOSTATIC MIXING VALVE
[JS-1]	JS-1	JANITOR SINK	[T]	THERMOMETER
[MB-1]	MB-1	MOP BASIN	[DP]	DIFFERENTIAL PRESSURE SENSOR
[SH-1]	SH-1	SHOWER	[TG]	TEMPERATURE GAUGE
[SH-2]	SH-2	SHOWER - ACCESSIBLE	[PG]	PRESSURE GAUGE
[SK-1]	SK-1	SINK	[SCPRV]	SELF CONTAINED PRESSURE REDUCING (REGULATING) VALVE
[EWC-1]	EWC-1	DUAL ELECTRIC WATER COOLER - ACCESSIBLE	[PG]	PRESSURE GAUGE
[4" FD-A]	4" FD-A	SIZE - FLOOR DRAIN - SPEC. TYPE	[YTS]	Y-TYPE STRAINER
[FD]	FD	FLOOR DRAIN	[RC]	REMOVABLE CAP
[PTRV]		PRESSURE/TEMPERATURE RELIEF VALVE	[RCC]	REDUCER (CONCENTRIC)
[HB]	HB	HOSE BIBB	[RECC]	REDUCER (ECCENTRIC)
[WH]	WH	WALL HYDRANT	[UN]	UNION
[BV]		BALL VALVE		
[GV]		GATE VALVE		
[BV]		BUTTERFLY VALVE		
[ZV]		CHECK VALVE		

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B

C

D



DES	RMB	DRW	RMB	CHK	CG
PM / DM					MLW/LEJ
BRANCH MANAGER					
CHIEF ENGINEER					DWG
FIRE PROTECTION					

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND - MIDLAND
NORTH LIFT
NAVAL STATION NEWPORT
NEWPORT, RHODE ISLAND
NEWPORT, RHODE ISLAND

RENOVATION OF BUILDING 678

PLUMBING GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS

SCALE:	AS NOTED
EPROJCT NO.	1382693
CONSTR. CONTR. NO.	
NAVIFAC DRAWING NO.	12722069
SHEET	83 OF 177
P-001	

A

B

C

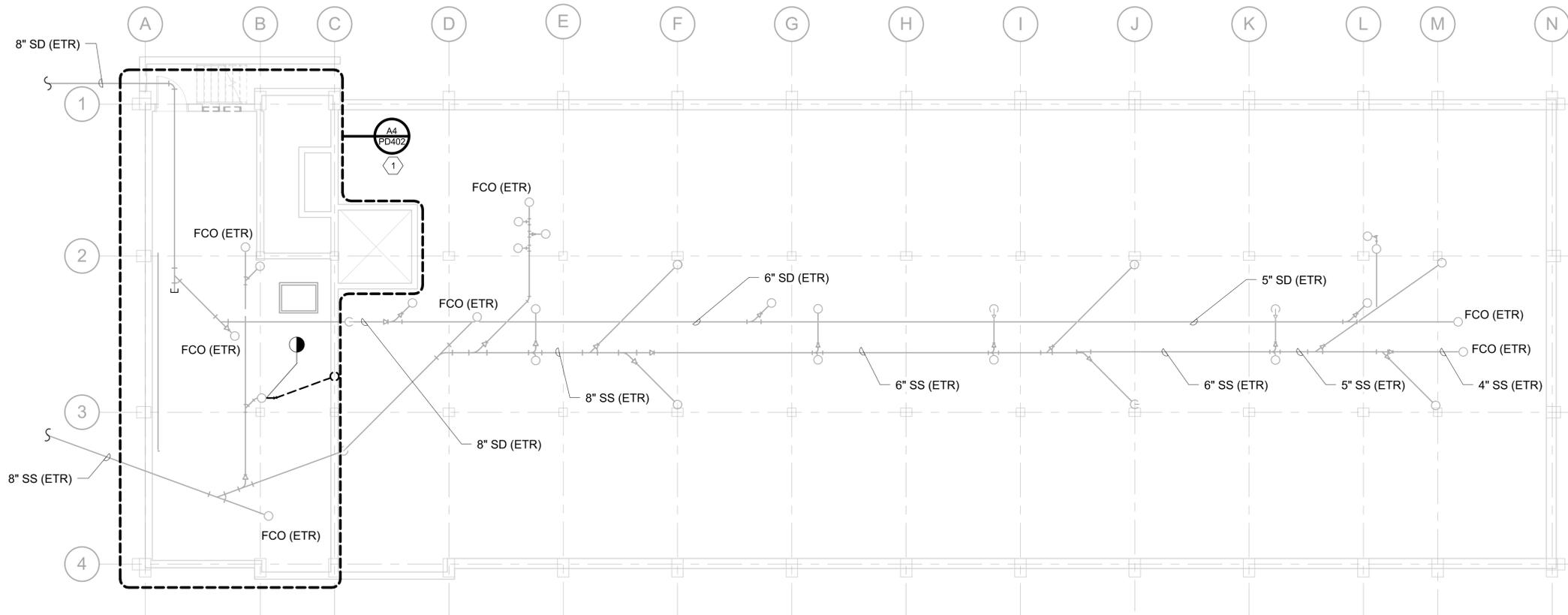
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GENERAL NOTES:

- 1. SEE P-001 FOR PLUMBING LEGEND, ABBREVIATIONS, AND NOTES.
- 2. DEMOLITION FLOOR PLANS ARE BASED ON RECORD DRAWINGS. DIRECTION IS GIVEN BY DEMOLITION NOTES.

DEMOLITION NOTES: (#)

- 1. SEE ENLARGED PLAN FOR DOMESTIC WATER DEMO ONLY. SANITARY SHOWN ON THIS SHEET.



PLUMBING DEMOLITION PLAN - BASEMENT

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

GRAPHIC SCALE:



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DATE	DESCRIPTION	BY	APP'R



BURNS MEDONNELL
 1305 EXECUTIVE BLVD.
 SUITE 160
 CHESAPEAKE, VA 23320

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY
 PER SAT TO DOCUMENT FROM GERARD MONTANI
 (PHARMACON HEAD) WITH HEAD AT NAVAL STATION
 NEWPORT-NEWPORT, RI

SATISFACTORY TO DATE 4/23/16

DES	RMB	DRW	RMB	CHK	CG
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PM / DM	MLW/LEJ
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BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

DEPARTMENT OF THE NAVY
 NAVAL FACILITIES ENGINEERING COMMAND
 NORTH LIFT
 NAVAL STATION NEWPORT

NAVAL FACILITIES ENGINEERING COMMAND - MIDLANT
 NEWPORT, RHODE ISLAND
 NEWPORT, RHODE ISLAND

RENOVATION OF BUILDING 678
 BASEMENT - PLUMBING DEMO PLAN

SCALE	AS NOTED
PROJECT NO.	1382693
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12722070
SHEET	84 OF 177

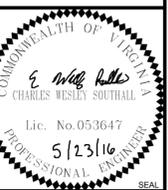
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GENERAL NOTES:

- 1. SEE P-001 FOR PLUMBING LEGEND, ABBREVIATIONS, AND NOTES.
- 2. DEMOLITION FLOOR PLANS ARE BASED ON RECORD DRAWINGS. DIRECTION IS GIVEN BY DEMOLITION NOTES.

DEMOLITION NOTES: #

- 1. EXISTING DCW, DHW AND DHWR RISER TO REMAIN.
- 2. EXISTING DWV RISER TO REMAIN.
- 3. EXISTING ROOF DRAIN LEADER TO REMAIN.
- 4. DEMOLISH EXISTING DCW, DHW AND DHWR RISER AND PIPING.
- 5. DEMOLISH EXISTING PLUMBING FIXTURE.
- 6. DEMOLISH EXISTING DWV RISER.
- 7. NOTE NOT USED.
- 8. EXISTING DOMESTIC WATER PIPING TO REMAIN. CUT AND CAP AT MAIN FOR FUTURE CONNECTION DURING NEW WORK.



BURNS MEDONNELL
 1305 EXECUTIVE BLVD.
 SUITE 160
 CHESAPEAKE, VA 23320

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FOR COMMANDER NAVFAC

ACTIVITY
PER SAT-TO DOCUMENT FROM GERARD MONTANI (PMBRANCH HEAD) WITH FEAO AT NAVAL STATION NEWPORT-NEWPORT, RI

SATISFACTORY TO DATE 4/29/16

DES RMB | DRW RMB | CHK CC

PM / DM MLWLEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND - MIDLANT

NEWPORT, RHODE ISLAND

NAVAL STATION NEWPORT

NEWPORT, RHODE ISLAND

RENOVATION OF BUILDING 678

FIRST, SECOND, THIRD AND FOURTH FLOOR - PLUMBING DEMO PLAN

SCALE: AS NOTED

EPROJCT NO. 1382693

CONSTR. CONTR. NO.

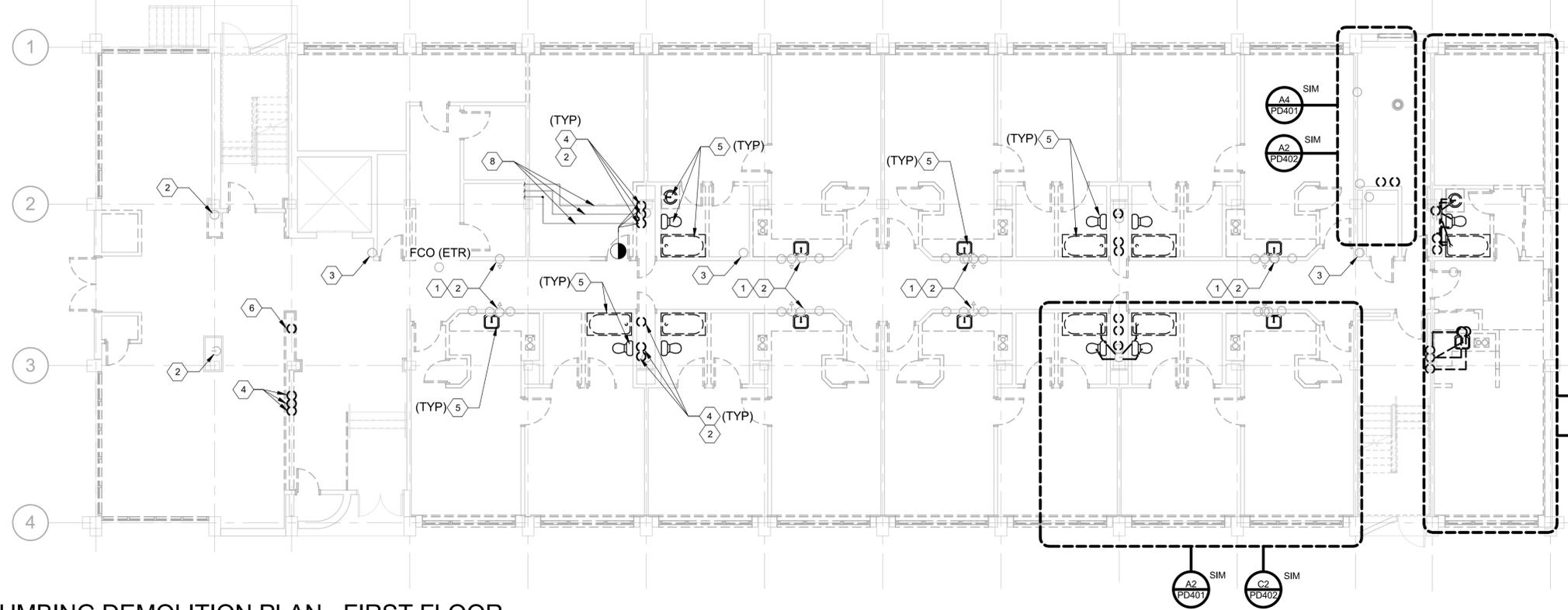
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SHEET 85 OF 177

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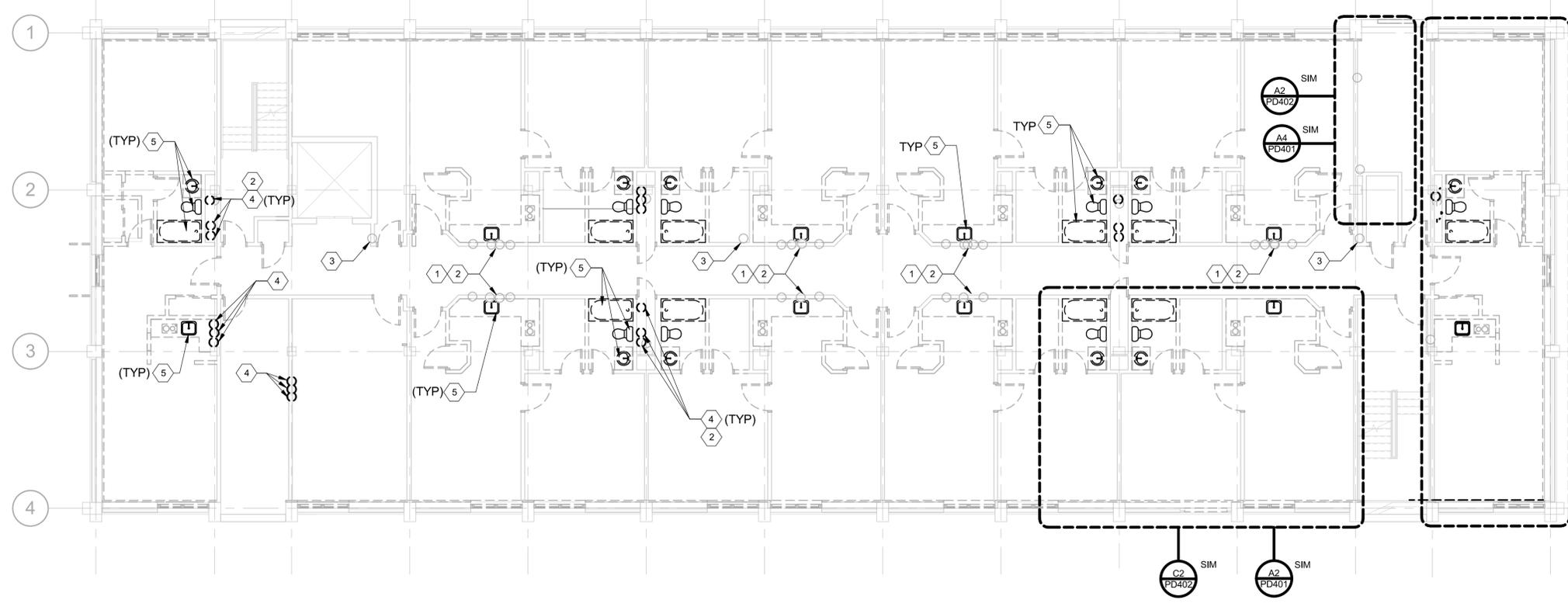
DRAWFORM REVISION: 10 MAY 2014

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PLUMBING DEMOLITION PLAN - FIRST FLOOR

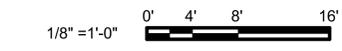
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PLUMBING DEMOLITION DRAWING PLAN - SECOND, THIRD, & FOURTH FLOOR

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

GRAPHIC SCALE:



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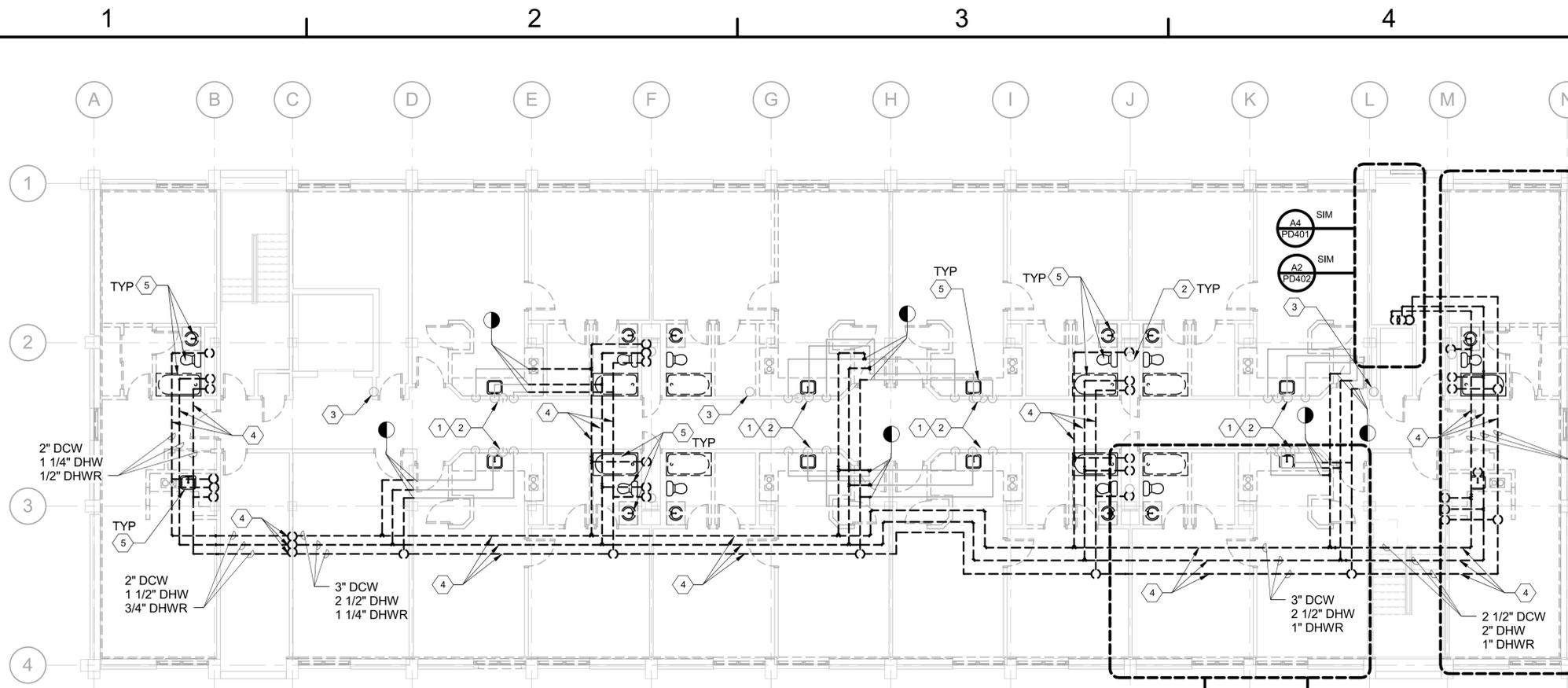
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GENERAL NOTES:

- 1. SEE P-001 FOR PLUMBING LEGEND, ABBREVIATIONS, AND NOTES.
- 2. DEMOLITION FLOOR PLANS ARE BASED ON RECORD DRAWINGS. DIRECTION IS GIVEN BY DEMOLITION NOTES.

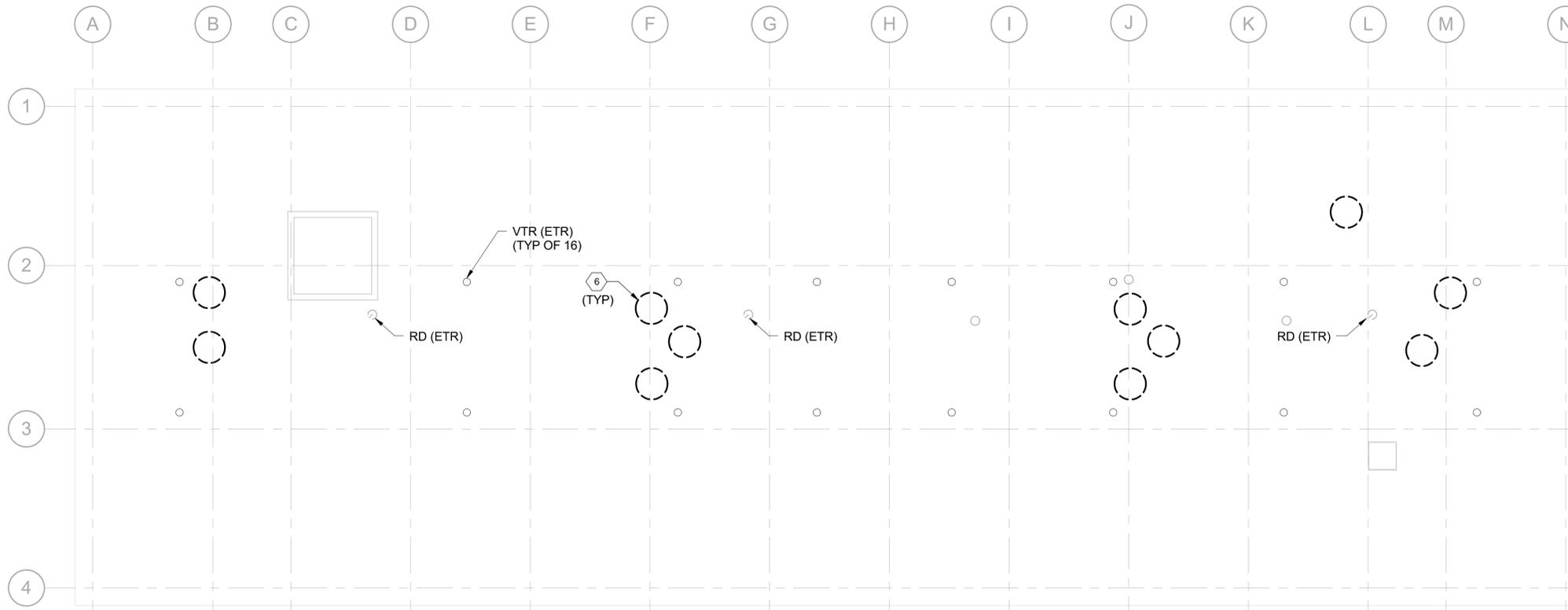
DEMOLITION NOTES: #

- 1. EXISTING DCW, DHW AND DHWR RISER TO REMAIN.
- 2. EXISTING DWV RISER TO REMAIN.
- 3. EXISTING ROOF DRAIN LEADER TO REMAIN.
- 4. DEMOLISH EXISTING DCW, DHW AND DHWR PIPING.
- 5. DEMOLISH EXISTING PLUMBING FIXTURES.
- 6. MECHANICAL UNIT FOR REFERENCE ONLY.



PLUMBING DEMOLITION PLAN - FIFTH FLOOR

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



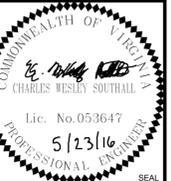
PLUMBING DEMOLITION PLAN - ROOF

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

GRAPHIC SCALE:



DATE	DESCRIPTION	BY	APPR



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 1305 EXECUTIVE BLVD.
 SUITE 160
 CHESAPEAKE, VA 23320

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FOR COMMANDER NAVFAC	
ACTIVITY	
PER SA-TO DOCUMENT FROM GERARD MONTANI (PMBRANCH HEAD) WITH FEAD AT NAVAL STATION NEWPORT-NEWPORT, RI	
SATISFACTORY TO DATE	4/29/16
DES	RMB
DRW	RMB
CHK	CC
CC	
PM / DM	MLWLEJ
BRANCH MANAGER	
CHIEF ENGINEER	
DWG	
FIRE PROTECTION	

DEPARTMENT OF THE NAVY
 NAVAL FACILITIES ENGINEERING COMMAND
 NAVAL FACILITIES ENGINEERING COMMAND - MIDLANT
 NEWPORT, RHODE ISLAND
 NAVAL STATION NEWPORT
 NEWPORT, RHODE ISLAND

RENOVATION OF BUILDING 678
 FIFTH FLOOR AND ROOF - PLUMBING DEMO PLAN

SCALE:	AS NOTED
EPROJCT NO.	1382693
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12722072
SHEET	86 OF 177
PD102	

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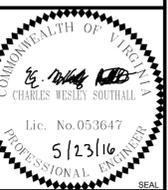
GENERAL NOTES:

- 1. SEE P-001 FOR PLUMBING LEGEND, ABBREVIATIONS, AND NOTES.
- 2. DEMOLITION FLOOR PLANS ARE BASED ON RECORD DRAWINGS. DIRECTION IS GIVEN BY DEMOLITION NOTES.

DEMOLITION NOTES: #

- 1. DEMOLISH EXISTING PLUMBING FIXTURES.
- 2. DEMOLISH SANITARY SEWER AND VENT PIPING BACK TO RISER.
- 3. EXISTING SANITARY SEWER AND VENT PIPING TO REMAIN.
- 4. EXISTING SANITARY SEWER AND VENT RISERS TO REMAIN.
- 5. NOTE NOT USED.
- 6. DEMOLISH SANITARY SEWER AND VENT PIPING BACK TO MAIN.

DATE	DESCRIPTION	BY	APPR



BURNS MEDONNELL
 1305 EXECUTIVE BLVD.
 SUITE 160
 CHESAPEAKE, VA 23320

APPROVED
 FOR COMMANDER NAVFAC

ACTIVITY
 PER SAT-TO DOCUMENT FROM GERARD MONTANI
 (PMBRANCH HEAD) WITH HEAD AT NAVAL STATION
 NEWPORT-NEWPORT, RI

SATISFACTORY TO DATE 4/20/16

DES	RMB	DRW	RMB	CHK	CC
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PM / DM	MLWLEJ
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BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

DEPARTMENT OF THE NAVY

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND - MIDLANT

NEWPORT, RHODE ISLAND

NAVAL STATION NEWPORT

NEWPORT, RHODE ISLAND

RENOVATION OF BUILDING 678

ENLARGED WASTE & VENT DEMOLITION PLANS

SCALE: AS NOTED

EPROJCT NO. 1382693

CONSTR. CONTR. NO.

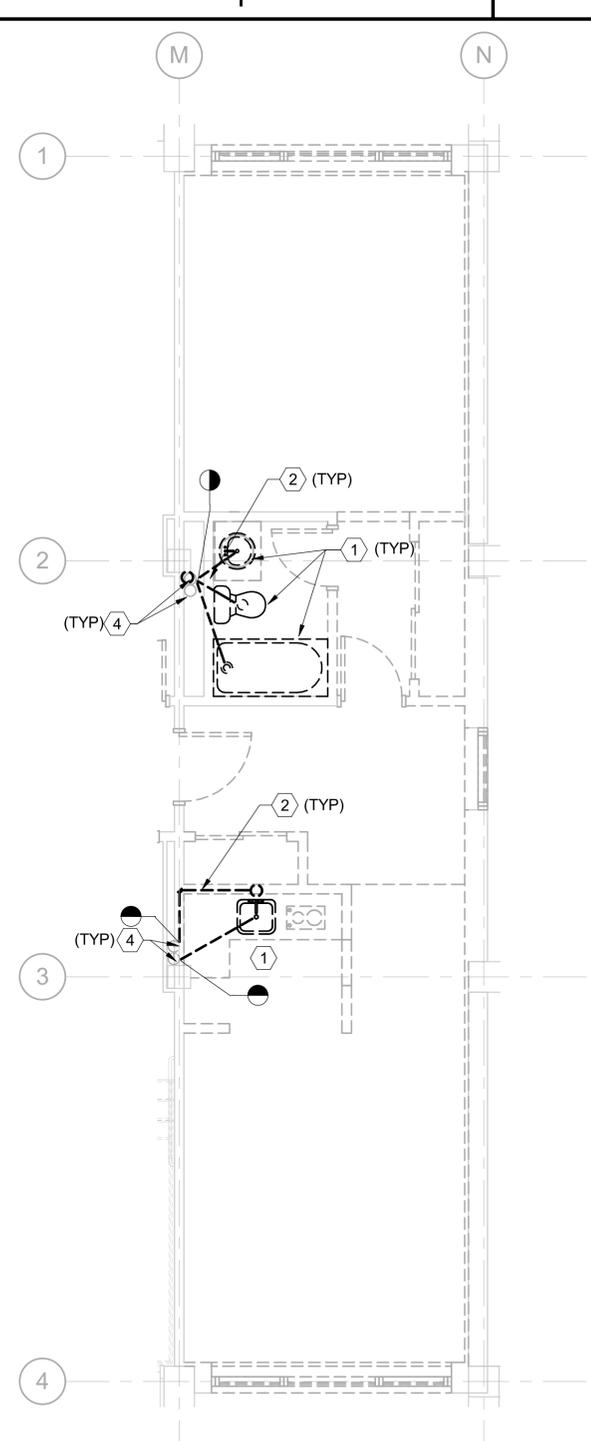
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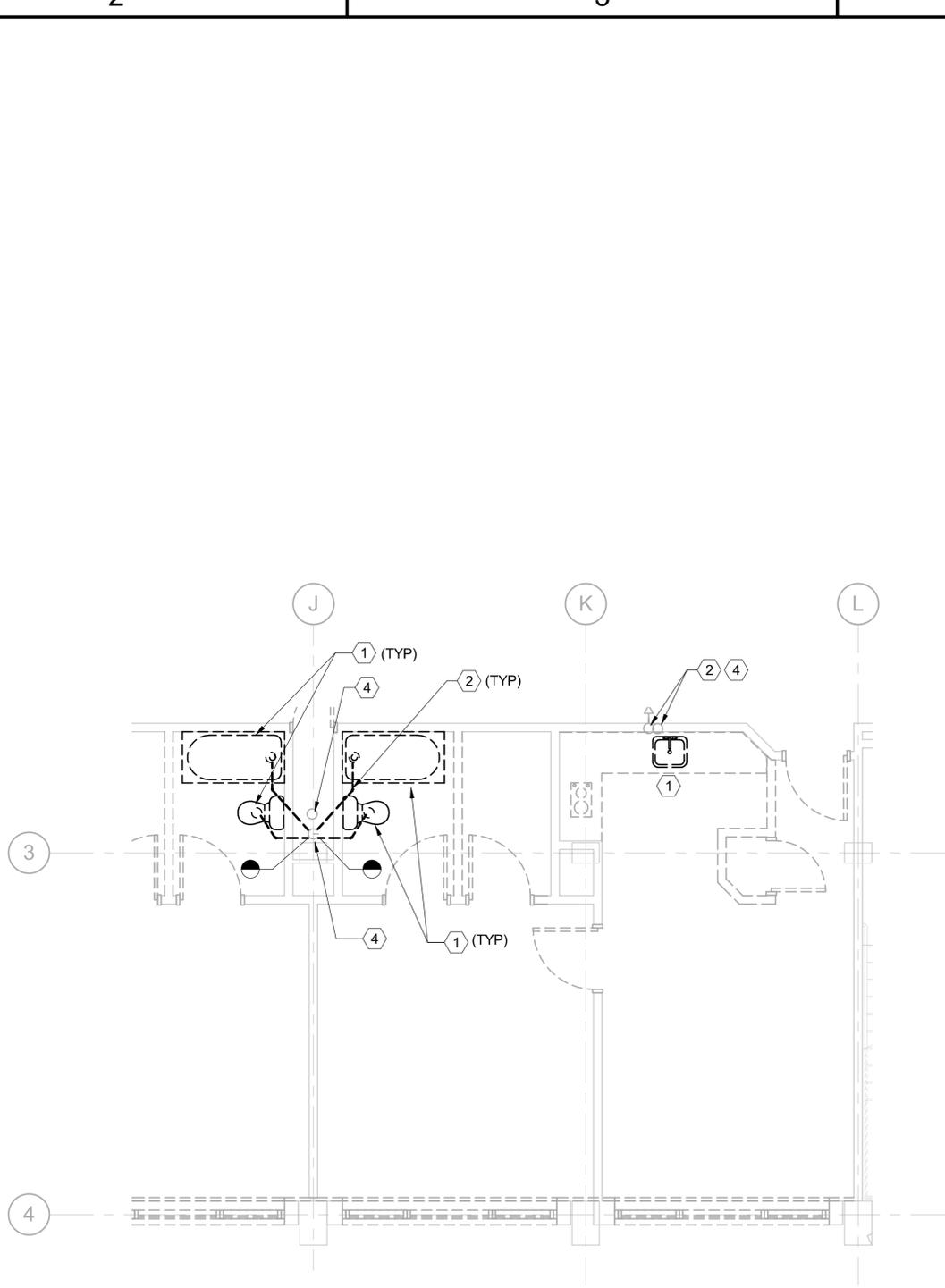
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DRAWING REVISION: 10 MAY 2014

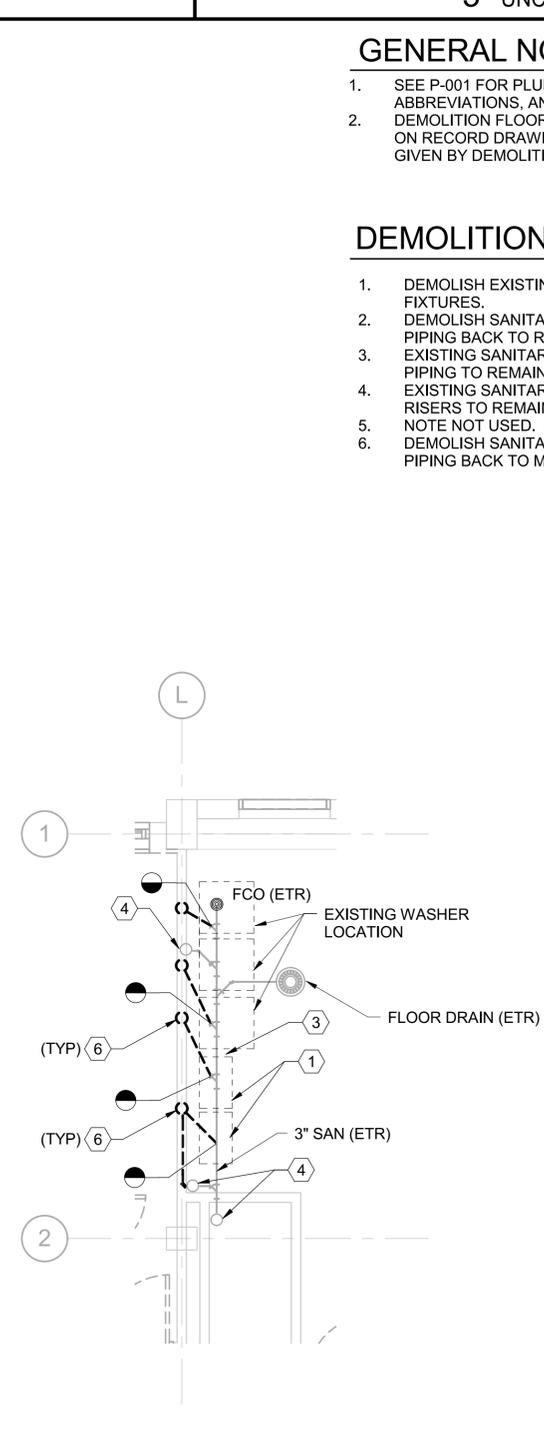
GRAPHIC SCALE:



A1 ENLARGED GUEST ROOM
 WASTE & VENT PLANS
 SCALE: 1/4" = 1'-0"



A2 ENLARGED GUEST ROOM
 WASTE & VENT PLANS
 SCALE: 1/4" = 1'-0"



A4 ENLARGED LAUNDRY ROOM
 WASTE & VENT PLANS
 SCALE: 1/4" = 1'-0"

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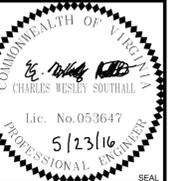
GENERAL NOTES:

- SEE P-001 FOR PLUMBING LEGEND, ABBREVIATIONS, AND NOTES.
- DEMOLITION FLOOR PLANS ARE BASED ON RECORD DRAWINGS. DIRECTION IS GIVEN BY DEMOLITION NOTES.

DEMOLITION NOTES: #

- DEMOLISH EXISTING PLUMBING FIXTURES.
- DEMOLISH EXISTING DCW AND DHW PIPING.
- DEMOLISH EXISTING DCW, DHW AND DHWR RISERS.
- DEMOLISH DCW, DHW AND DHWR BACK TO RISERS.
- EXISTING DCW, DHW AND DHWR RISERS TO REMAIN.
- PLUMBING EQUIPMENT AND PIPING TO REMAIN.

DATE	DESCRIPTION	BY	APPR



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 SUITE 160
 CHESAPEAKE, VA 23320

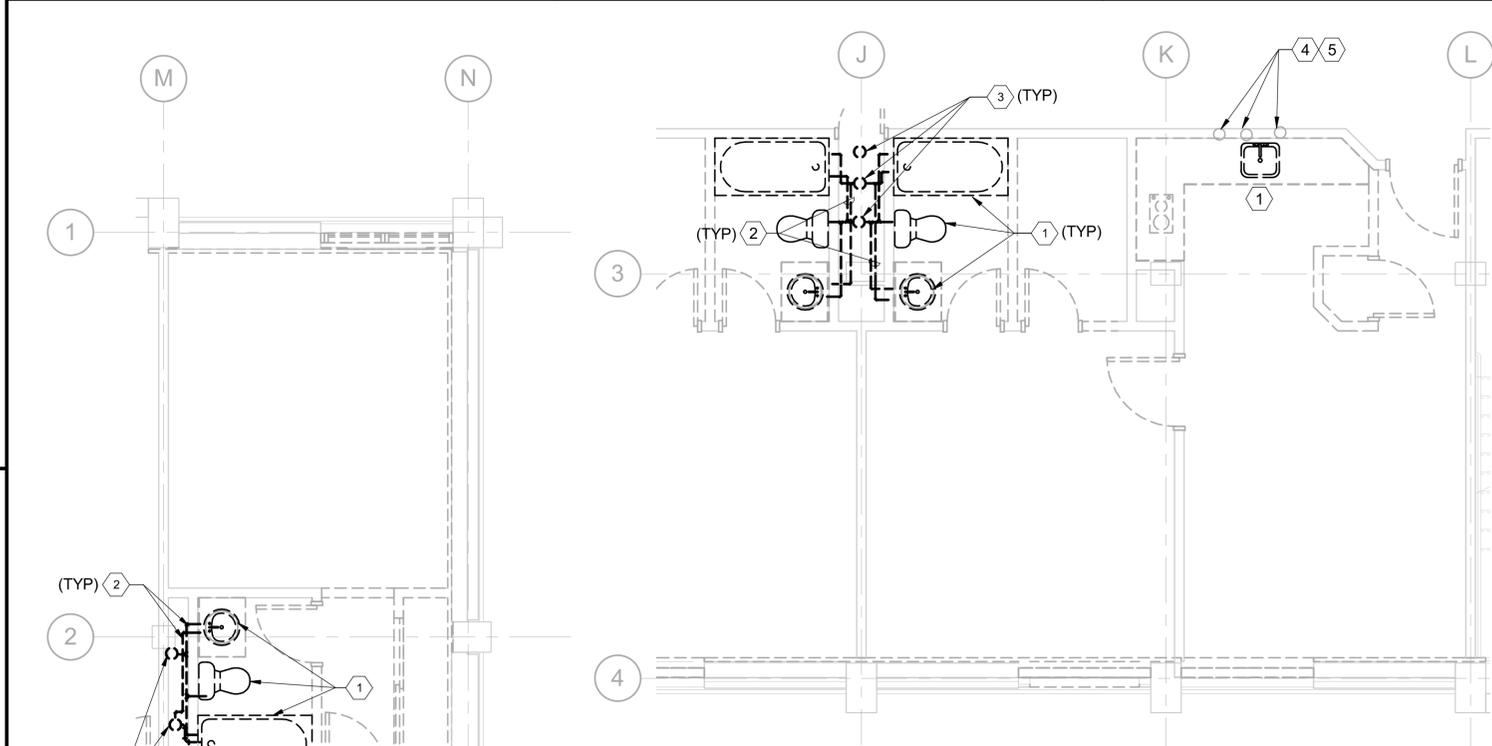
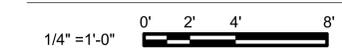
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 FOR COMMANDER NAVFAC

ACTIVITY	PER SAT TO DOCUMENT FROM GERARD MONTANI (BRANCH HEAD) WITH FEED AT NAVAL STATION NEWPORT-NEWPORT, RI
SATISFACTORY TO DATE	4/29/16
DES	RMB
DRW	RMB
CHK	CC
CC	
PM/DM	MLWLEJ
BRANCH MANAGER	
CHIEF ENGINEER	DWG
FIRE PROTECTION	

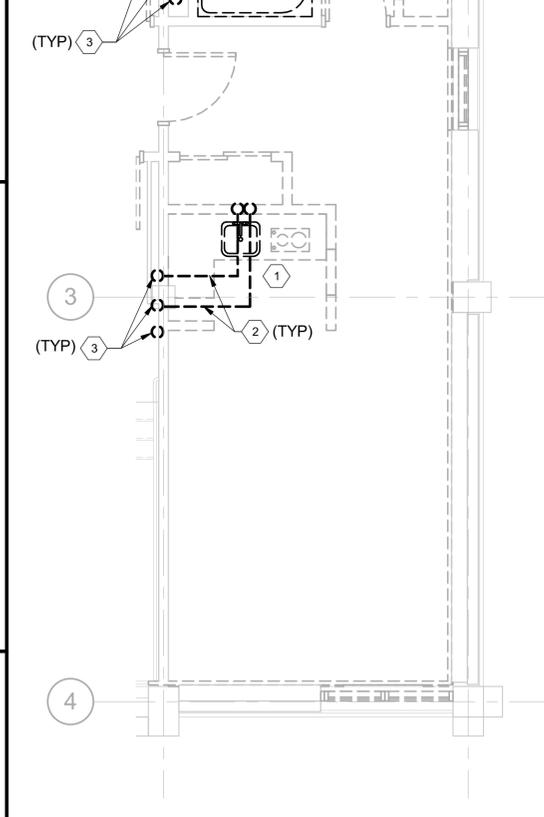
DEPARTMENT OF THE NAVY
 NAVAL FACILITIES ENGINEERING COMMAND
 NAVAL FACILITIES ENGINEERING COMMAND - MIDLANT
 NEWPORT, RHODE ISLAND
 NAVAL STATION NEWPORT
 NEWPORT, RHODE ISLAND
RENOVATION OF BUILDING 678
 ENLARGED SUPPLY DEMOLITION PLANS

SCALE	AS NOTED
EPROJCT NO.	1382693
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12722074
SHEET	88 OF 177
PD402	

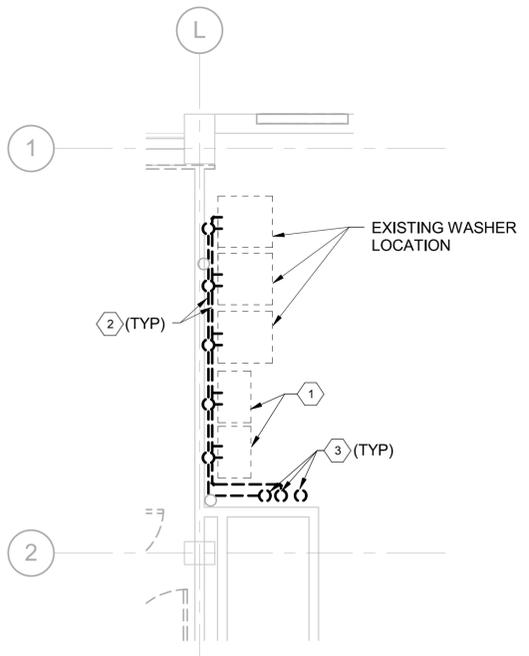
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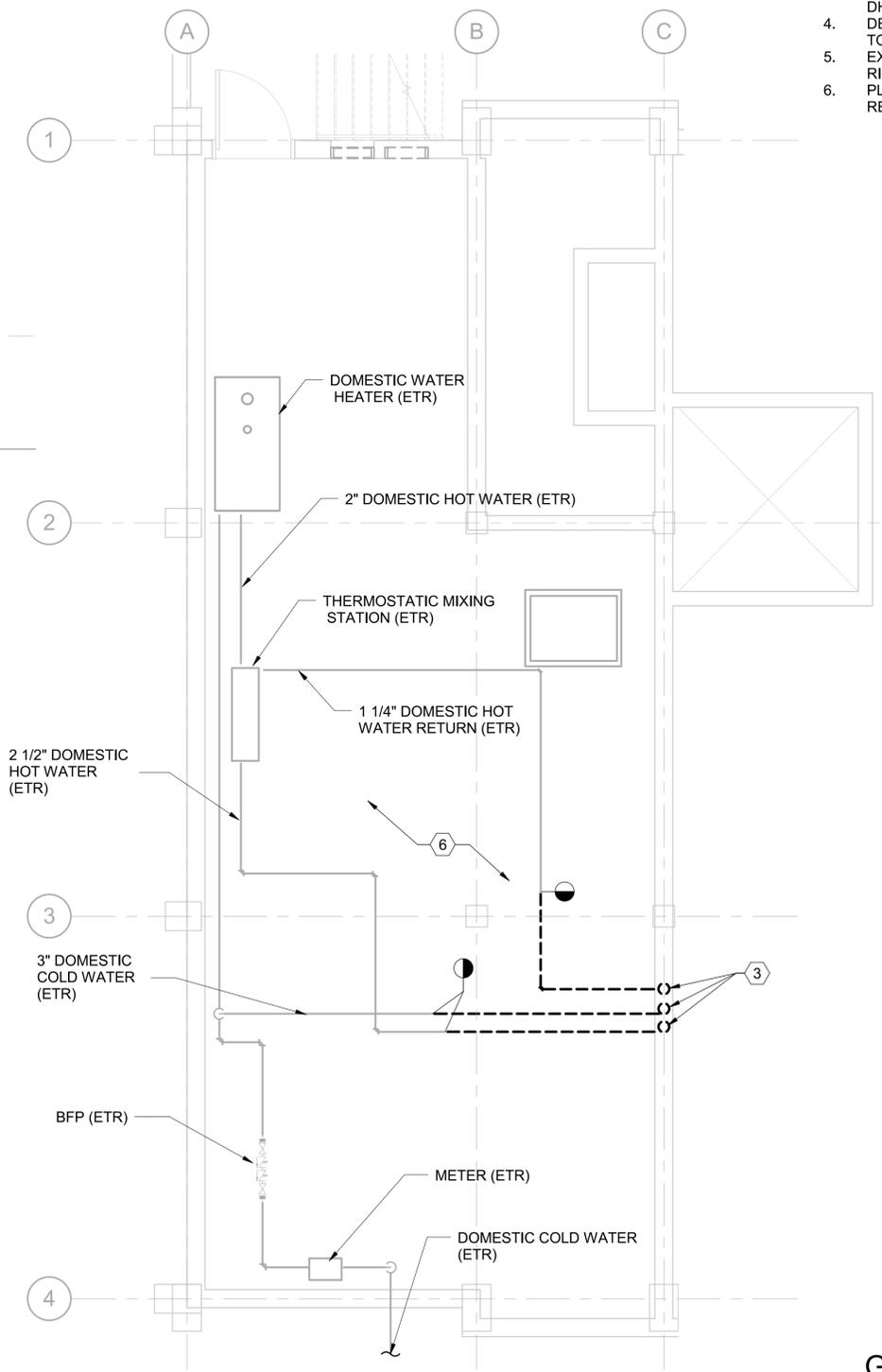
C2 ENLARGED GUEST ROOM DOMESTIC WATER PLANS
 SCALE: 1/4" = 1'-0"



A1 ENLARGED GUEST ROOM DOMESTIC WATER PLANS
 SCALE: 1/4" = 1'-0"



A2 ENLARGED LAUNDRY ROOM DOMESTIC WATER PLANS
 SCALE: 1/4" = 1'-0"



A4 ENLARGED DOMESTIC WATER BASEMENT PLAN
 SCALE: 1/4" = 1'-0"

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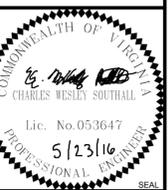
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GENERAL NOTES:

- SEE P-001 FOR PLUMBING LEGEND, ABBREVIATIONS, AND NOTES.

NEW WORK NOTES: #

- EXISTING FUEL OIL TANKS AND PIPING TO REMAIN.
- EXISTING THERMOSTATIC MIXING STATION TO REMAIN.
- PROVIDE MAIN 3" DCW, 2 1/2" DHW AND 1 1/4" DHWR PIPING RISERS FROM BASEMENT UP TO FIFTH FLOOR.
- EXISTING DCW, DHW, DHWR PIPING RISERS TO REMAIN.
- EXISTING DOMESTIC WATER PIPING TO REMAIN. RE-CONNECT TO NEW DOMESTIC WATER RISER DURING NEW WORK.
- 1/2" DCW UP TO IMB LOCATED ON FIRST FLOOR.
- 1/2" DCW FROM BELOW. PROVIDE 1/2" DCW WITH BALL VALVE FOR ISOLATION TO SERVE ICE MACHINE.
- EXISTING FUEL OIL FILL STATION TO REMAIN.



BURNS MEDONNELL
1305 EXECUTIVE BLVD.
SUITE 160
CHESAPEAKE, VA 23320

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY
PER SAT TO DOCUMENT FROM GERARD MONTANA (PMBRANCH HEAD) WITH FEED AT NAVAL STATION NEWPORT-NEWPORT, RI

SATISFACTORY TO DATE 4/20/16

DES RMB DRW RMB CHK CC

PM/DM MLWLEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND - MIDLAND

NEWPORT, RHODE ISLAND

NAVAL STATION NEWPORT

NEWPORT, RHODE ISLAND

RENOVATION OF BUILDING 678

BASEMENT AND FIRST FLOOR DOMESTIC WATER PIPING PLANS

SCALE: AS NOTED

EPROJCT NO. 1382693

CONSTR. CONTR. NO.

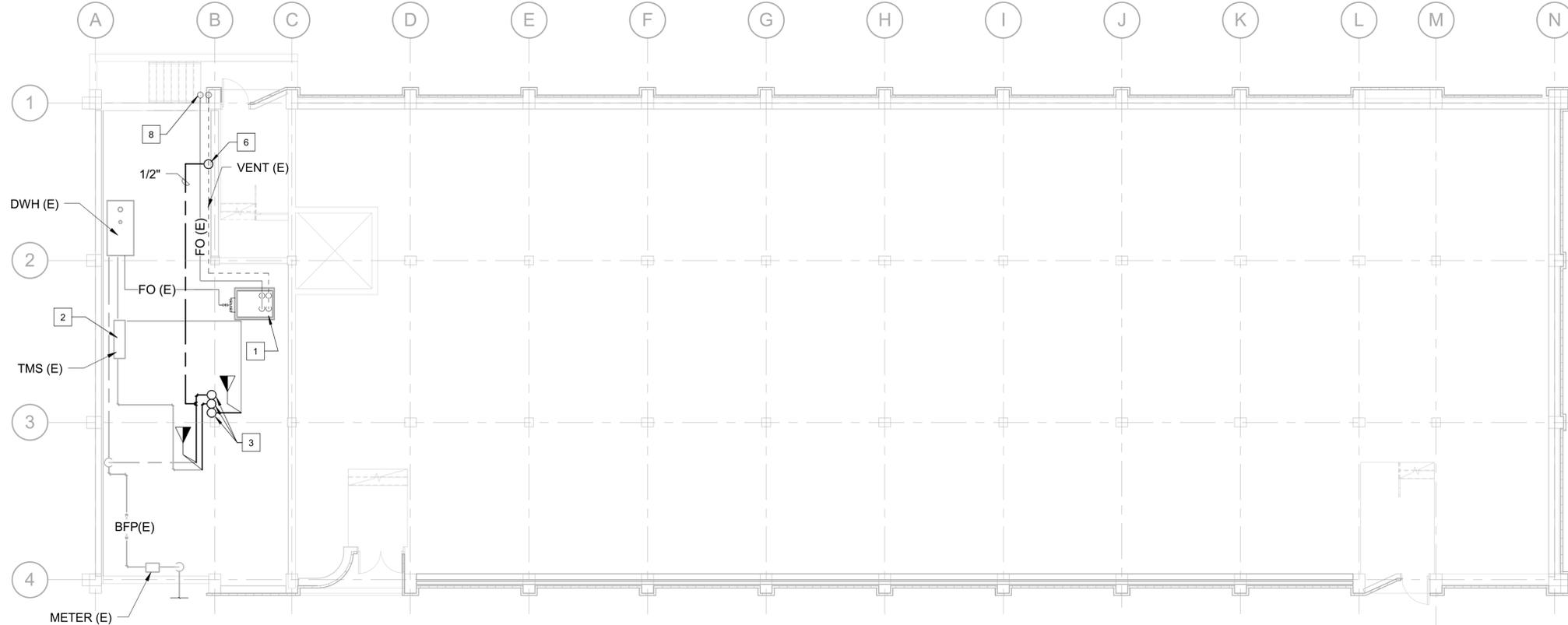
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SHEET 89 OF 177

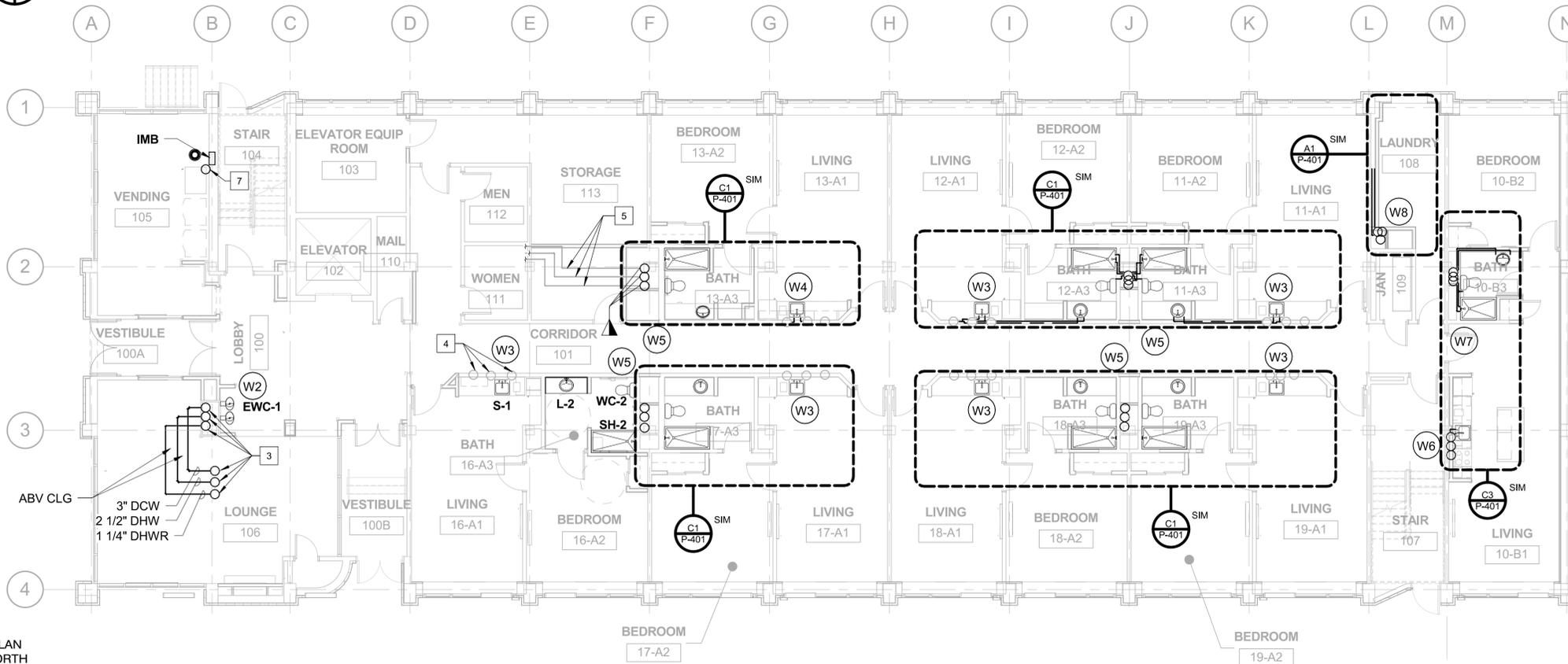
PL101

DRAWING REVISION: 10 MAY 2014

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PLAN NORTH
BASEMENT DOMESTIC WATER PIPING PLAN - NEW WORK
SCALE: 1/8" = 1'-0"



PLAN NORTH
FIRST FLOOR DOMESTIC WATER PIPING PLAN - NEW WORK
SCALE: 1/8" = 1'-0"

GRAPHIC SCALE:



FILE NAME: C:\Revit\Projects\187997-NGISB678\Modals\MEP\187997_M_rmbrowning.rvt
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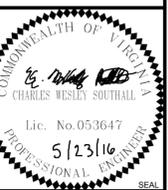
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GENERAL NOTES:

1. SEE P-001 FOR PLUMBING LEGEND, ABBREVIATIONS, AND NOTES.

NEW WORK NOTES ¹/_#

1. EXISTING SANITARY SEWER AND VENT. SANITARY AND VENT PIPING SHALL NOT BE LOCATED WITH FIRE RATED DUCT CHASE.
2. NEW SANITARY SEWER RISER.
3. EXISTING STORM DRAIN RISER TO REMAIN.
4. NEW SANITARY TO SERVE FLOOR DRAIN ABOVE.
5. CONTRACTOR TO COMBINE CONDENSATE INTO SINGLE 1" DISCHARGE LINE. CONDENSATE SHALL DISCHARGE INTO FLOOR DRAIN UNDER ICE MACHINE.
6. MECHANICAL EQUIPMENT.



BURNS MEDONNELL
1305 EXECUTIVE BLVD.
SUITE 160
CHESAPEAKE, VA 23320

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY
PER SAT-TO DOCUMENT FROM GERARD MONTANA (PMBRANCH HEAD) WITH FEED AT NAVAL STATION NEWPORT-NEWPORT, RI

SATISFACTORY TO DATE 4/29/16

DES RMB DRW RMB CHK CC

PM/DM MLW/LEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND - MIDLAND

NEWPORT, RHODE ISLAND

NAVAL STATION NEWPORT

NEWPORT, RHODE ISLAND

RENOVATION OF BUILDING 678

BASEMENT AND FIRST FLOOR SANITARY / VENT PIPING PLANS

SCALE: AS NOTED

EPROJCT NO. 1382693

CONSTR. CONTR. NO.

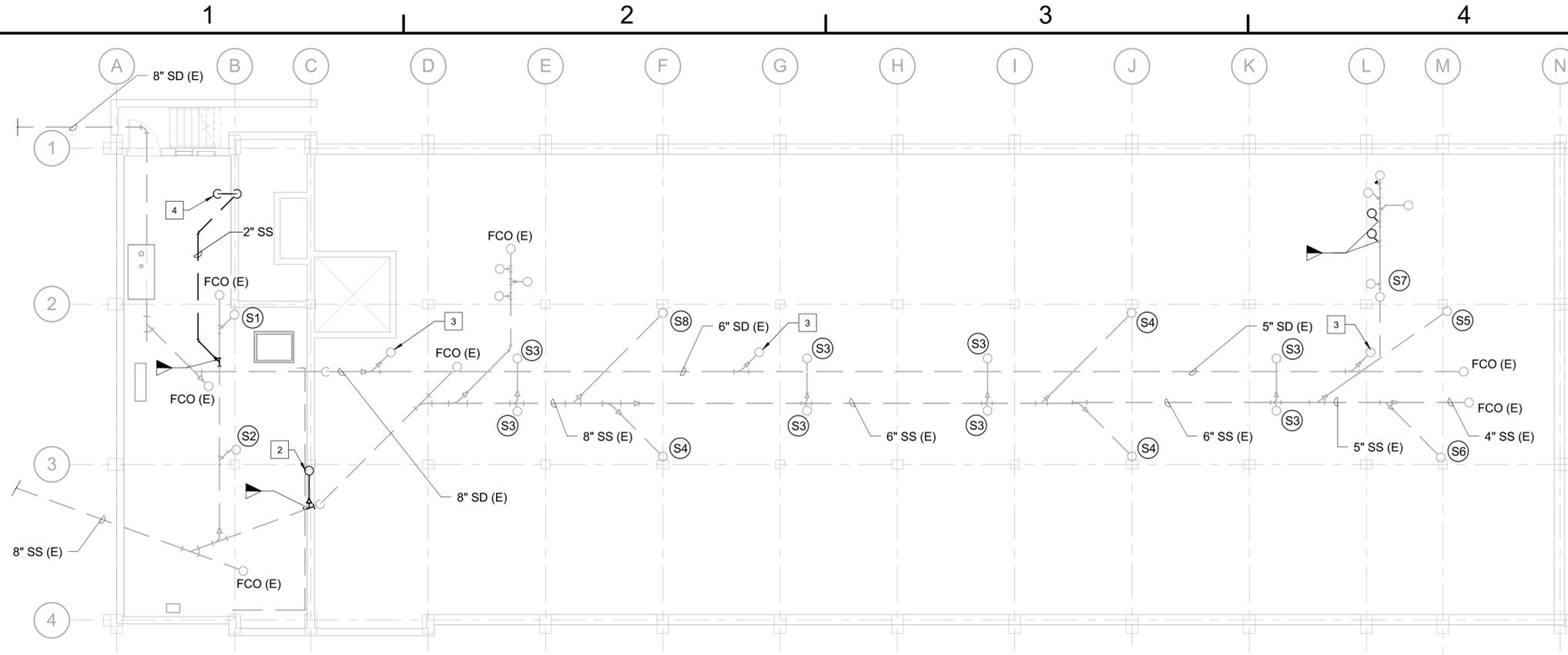
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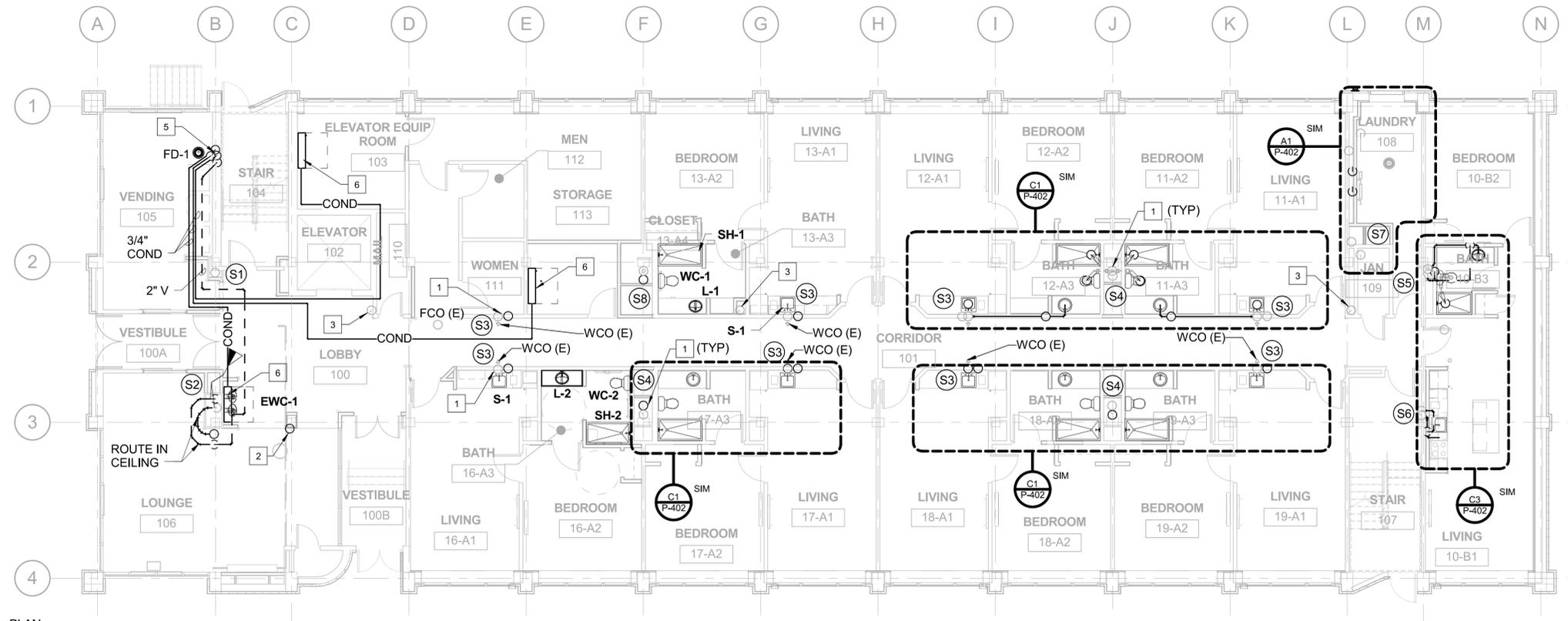
PW101

DRAWING REVISION: 10 MAY 2014

5 UNCLASSIFIED//FOR OFFICIAL USE ONLY



PLAN NORTH
BASEMENT SANITARY / VENT PIPING PLAN - NEW WORK
SCALE: 1/8" = 1'-0"



PLAN NORTH
FIRST FLOOR SANITARY / VENT PIPING PLAN - NEW WORK
SCALE: 1/8" = 1'-0"



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GENERAL NOTES:

- SEE P-001 FOR PLUMBING LEGEND, ABBREVIATIONS, AND NOTES.

NEW WORK NOTES: #

- EXISTING SANITARY SEWER AND VENT.
- PROVIDE NEW SANITARY SEWER AND VENT PIPING.
- PROVIDE NEW SANITARY SEWER PIPING.
- EXISTING STORM DRAIN RISER TO REMAIN.
- CONTRACTOR SHALL INSTALL TRAP FOR FLOOR DRAIN INSIDE WALL.
- CONNECT DISCHARGE LINE FROM DISHWASHER ABOVE TRAP SEAL UNDER S-1. PIPING SHALL BE ROUTED WITHIN CABINET. SEE INTERIORS DRAWINGS FOR DISHWASHER LOCATION.
- MECHANICAL UNIT SHOWN FOR REFERENCE ONLY.



BURNS MEDONNELL
1305 EXECUTIVE BLVD.
SUITE 160
CHESAPEAKE, VA 23320

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY
PER SAT-TO DOCUMENT FROM GERARD MONTANI (PHARMACY HEAD) WITH HEAD AT NAVAL STATION NEWPORT-NEWPORT, RI

SATISFACTORY TO DATE 4/23/16

DES RMB DRW RMB CHK CG

PM / DM MLW/EJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND - MIDLAND

NEWPORT, RHODE ISLAND

NEWPORT, RHODE ISLAND

RENOVATION OF BUILDING 678

SECOND, THIRD, FOURTH AND FIFTH FLOOR SANITARY / VENT PIPING PLAN

SCALE: AS NOTED

EPROJCT NO. 1382693

CONSTR. CONTR. NO.

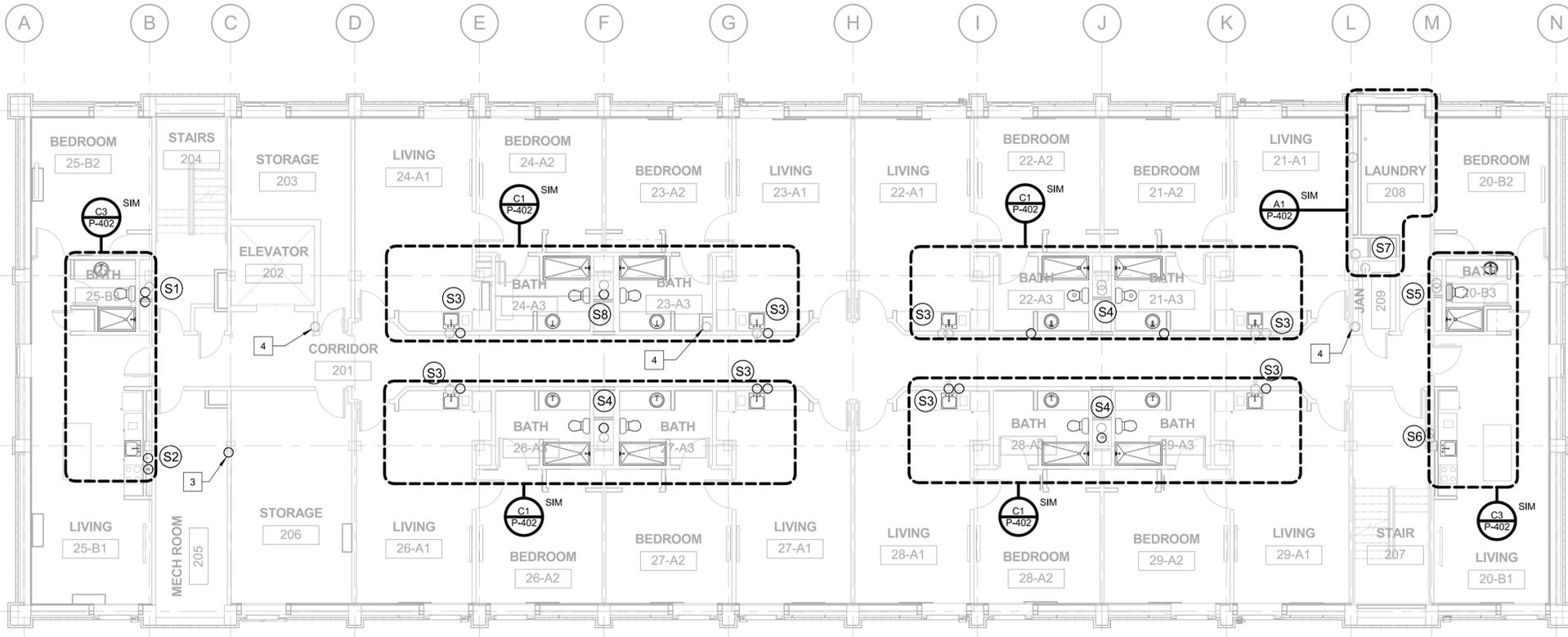
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SHEET 92 OF 177

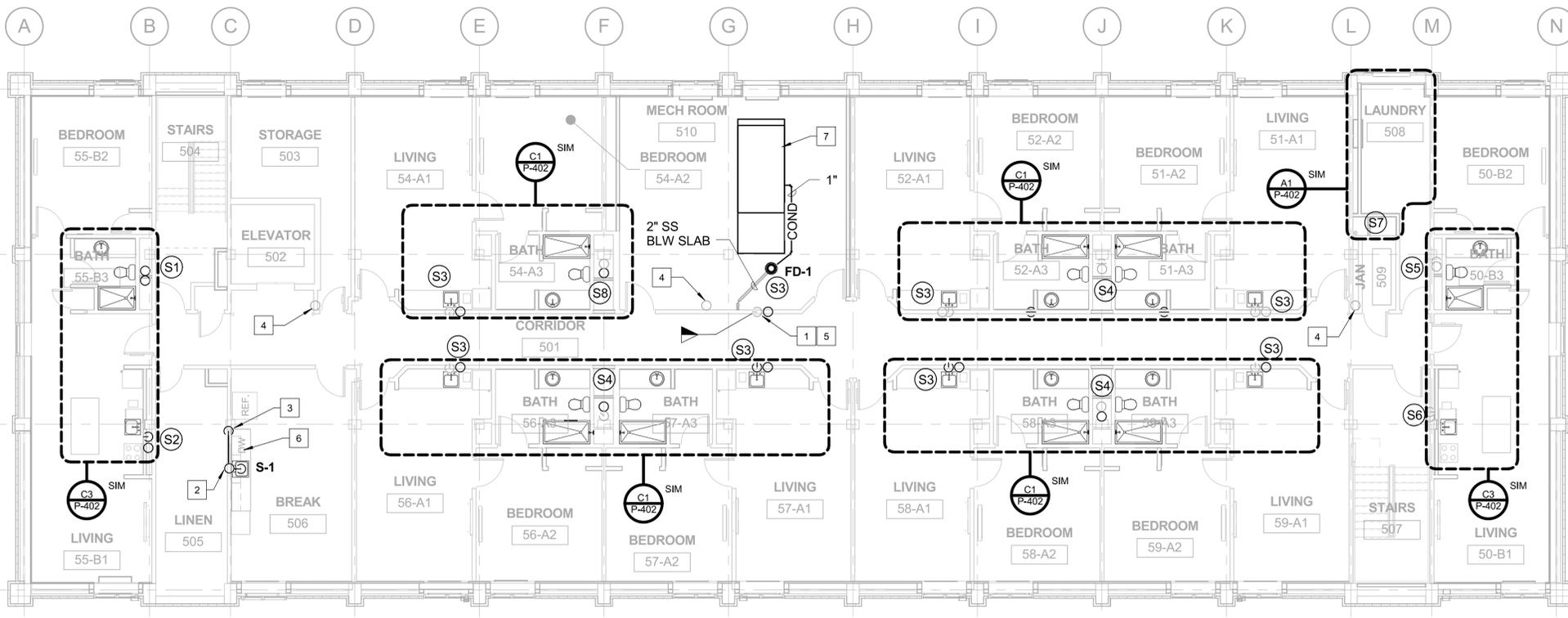
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DRAWING REVISION: 10 MAY 2014

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PLAN NORTH
SECOND, THIRD AND FOURTH FLOOR SANITARY / VENT PIPING PLANS - NEW WORK
SCALE: 1/8" = 1'-0"



PLAN NORTH
FIFTH FLOOR SANITARY / VENT PIPING PLAN - NEW WORK
SCALE: 1/8" = 1'-0"



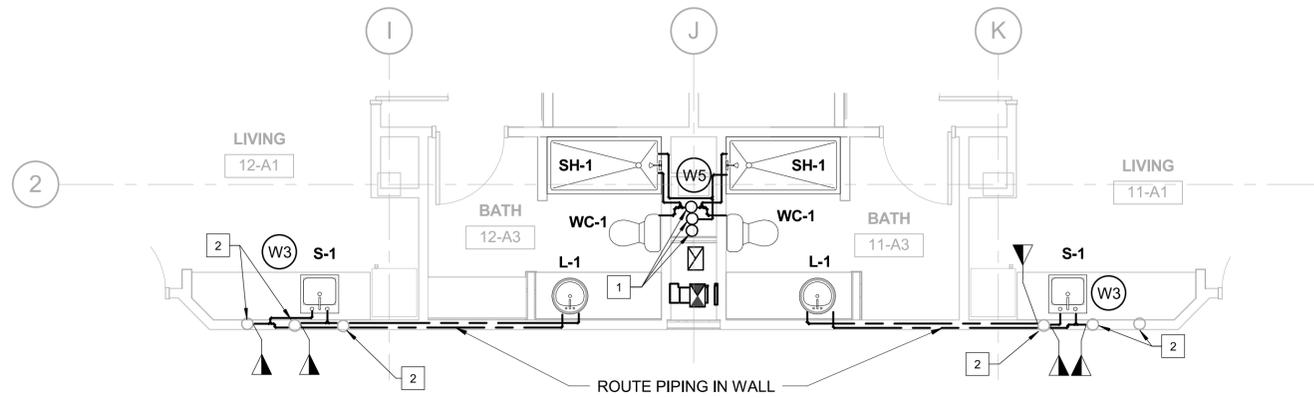
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GENERAL NOTES:

- 1. SEE P-001 FOR PLUMBING LEGEND, ABBREVIATIONS, AND NOTES.

NEW WORK NOTES: #

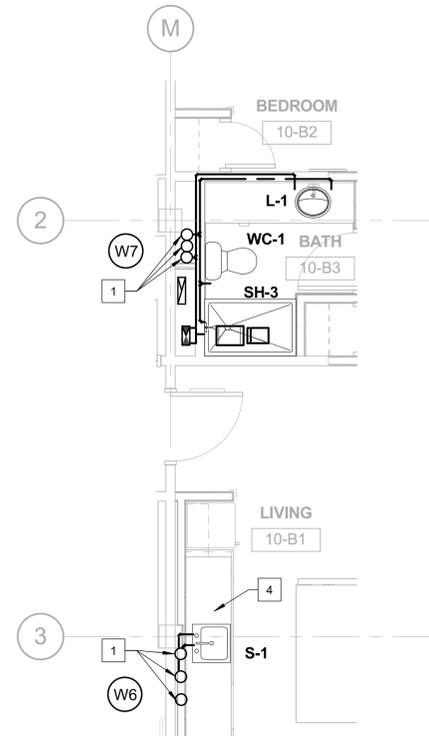
- 1. NEW DCW, DHW AND DHWR PIPING RISERS LOCATION SHOWN. DOMESTIC WATER PIPING SHALL NOT BE INSTALLED WITH FIRE RATED DUCT CHASE.
- 2. EXISTING DCW, DHW AND DHWR PIPING RISERS. NOTE NOT USED.
- 3. ROUTE 1/2" DHW FROM SINK TO DISHWASHER. INSTALL PIPING WITHIN CABINET. SEE INTERIORS DRAWINGS FOR DISHWASHER LOCATION.



C1 ENLARGED GUEST ROOM DOMESTIC WATER PIPING PLAN - NEW WORK

SCALE: 1/4" = 1'-0"

NOTE: SIMILAR ON FLOORS 1ST, 2ND, 3RD, 4TH & 5TH



C3 ENLARGED GUEST SUITE DOMESTIC WATER PIPING PLAN - NEW WORK

SCALE: 1/4" = 1'-0"

NOTE: SIMILAR ON FLOORS 1ST, 2ND, 3RD, 4TH & 5TH

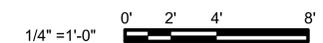


A1 ENLARGED LAUNDRY ROOM DOMESTIC WATER PIPING PLAN - NEW WORK

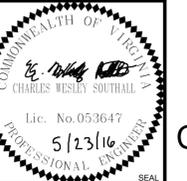
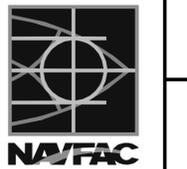
SCALE: 1/4" = 1'-0"

NOTE: SIMILAR ON FLOORS 1ST, 2ND, 3RD, 4TH & 5TH

GRAPHIC SCALE:



DATE	DESCRIPTION	BY	CHK	APP



BURNS MEDONNELL
 1305 EXECUTIVE BLVD.
 SUITE 160
 CHESAPEAKE, VA 23320

APPROVED
 FOR COMMANDER NAVFAC

ACTIVITY
 PER SAT-TO DOCUMENT FROM GERARD MONTANI
 (PMBRANCH HEAD) WITH FEED AT NAVAL STATION
 NEWPORT-NEWPORT, RI

SATISFACTORY TO DATE 4/29/16

DES	RMB	DRW	RMB	CHK	CC
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PM / DM MLWLEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

DEPARTMENT OF THE NAVY
 NAVAL FACILITIES ENGINEERING COMMAND
 NAVAL FACILITIES ENGINEERING COMMAND - MIDLANT
 NEWPORT, RHODE ISLAND
 NAVAL STATION NEWPORT
 NEWPORT, RHODE ISLAND

RENOVATION OF BUILDING 678
ENLARGED DOMESTIC WATER PIPING PLANS

SCALE: AS NOTED

PROJECT NO. 1382693

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12722079

SHEET 93 OF 177

P-401

DRAWFORM REVISION: 10 MAY 2014

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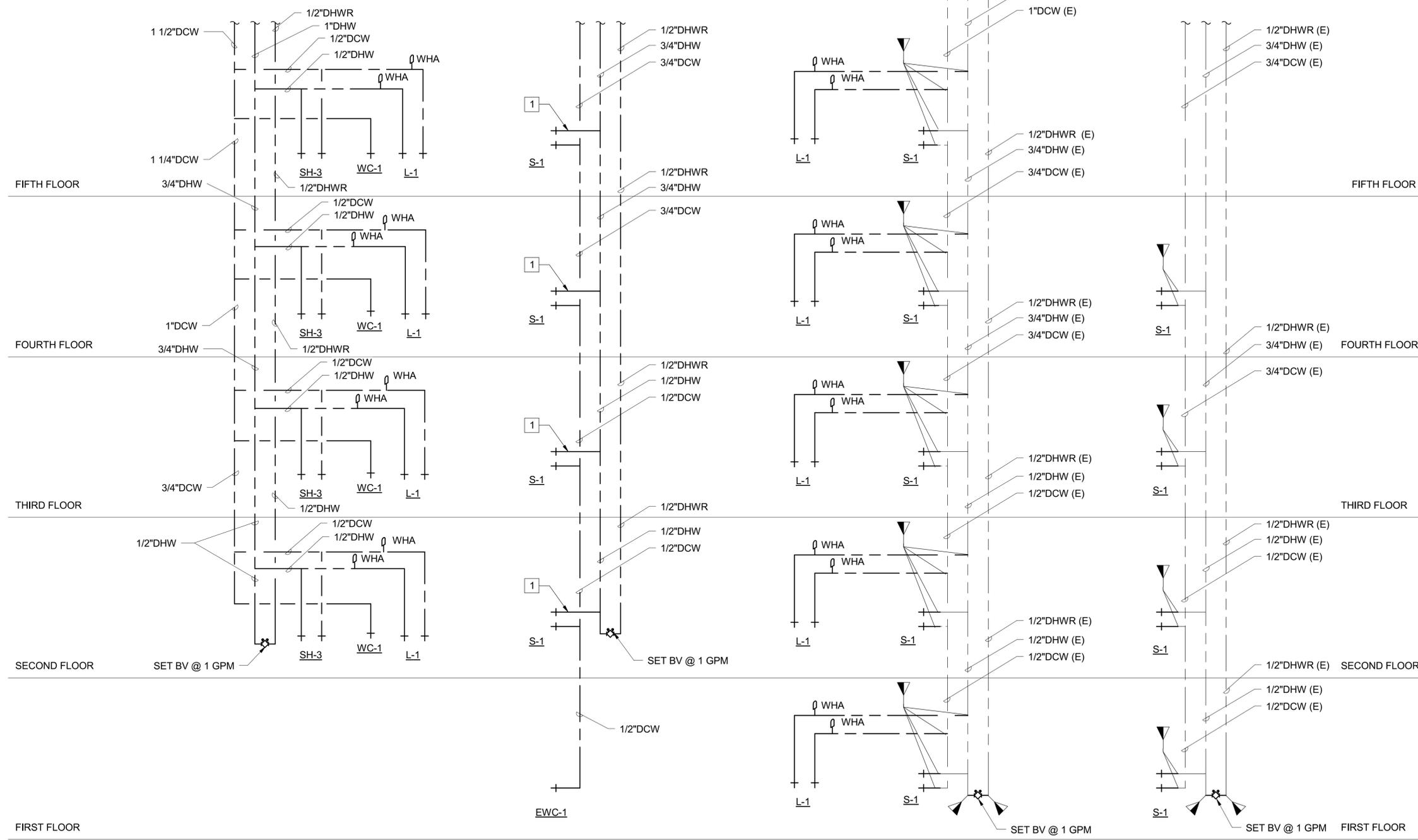
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SUPPLY RISER W1

SUPPLY RISER W2

SUPPLY RISER W3

SUPPLY RISER W4

SUPPLY RISERS W1 - W4

SCALE: NOT TO SCALE

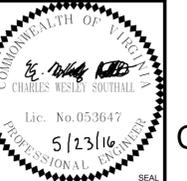
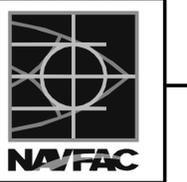
GENERAL NOTES:

1. SEE P-001 FOR PLUMBING LEGEND, ABBREVIATIONS, AND NOTES.
2. RISER DIAGRAMS ARE SCHEMATIC IN NATURE AND DO NOT INCLUDE ALL FITTINGS, COMPONENTS AND ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION.

NEW WORK NOTES:

1. PROVIDE 1/2" DHW PIPING TO DISHWASHER.

DATE	APPROVED
DESCRIPTION	



BURNS MEDONNELL
 1305 EXECUTIVE BLVD.
 SUITE 160
 CHESAPEAKE, VA 23320

APPROVED
 FOR COMMANDER NAVFAC

ACTIVITY
 PER SAT TO DOCUMENT FROM GERARD MONTANI
 (BRANCH HEAD) WITH FEED AT NAVAL STATION
 NEWPORT-NEWPORT, RI

SATISFACTORY TO DATE 4/20/16

DES	RMB	DRW	RMB	CHK	CC
1					

PM / DM MLWLEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

DEPARTMENT OF THE NAVY
 NAVAL FACILITIES ENGINEERING COMMAND
 NAVAL FACILITIES ENGINEERING COMMAND - MIDLANT
 NORTH IPT
 NAVAL STATION NEWPORT
 NEWPORT, RHODE ISLAND
RENOVATION OF BUILDING 678
 PLUMBING SUPPLY RISER DIAGRAMS

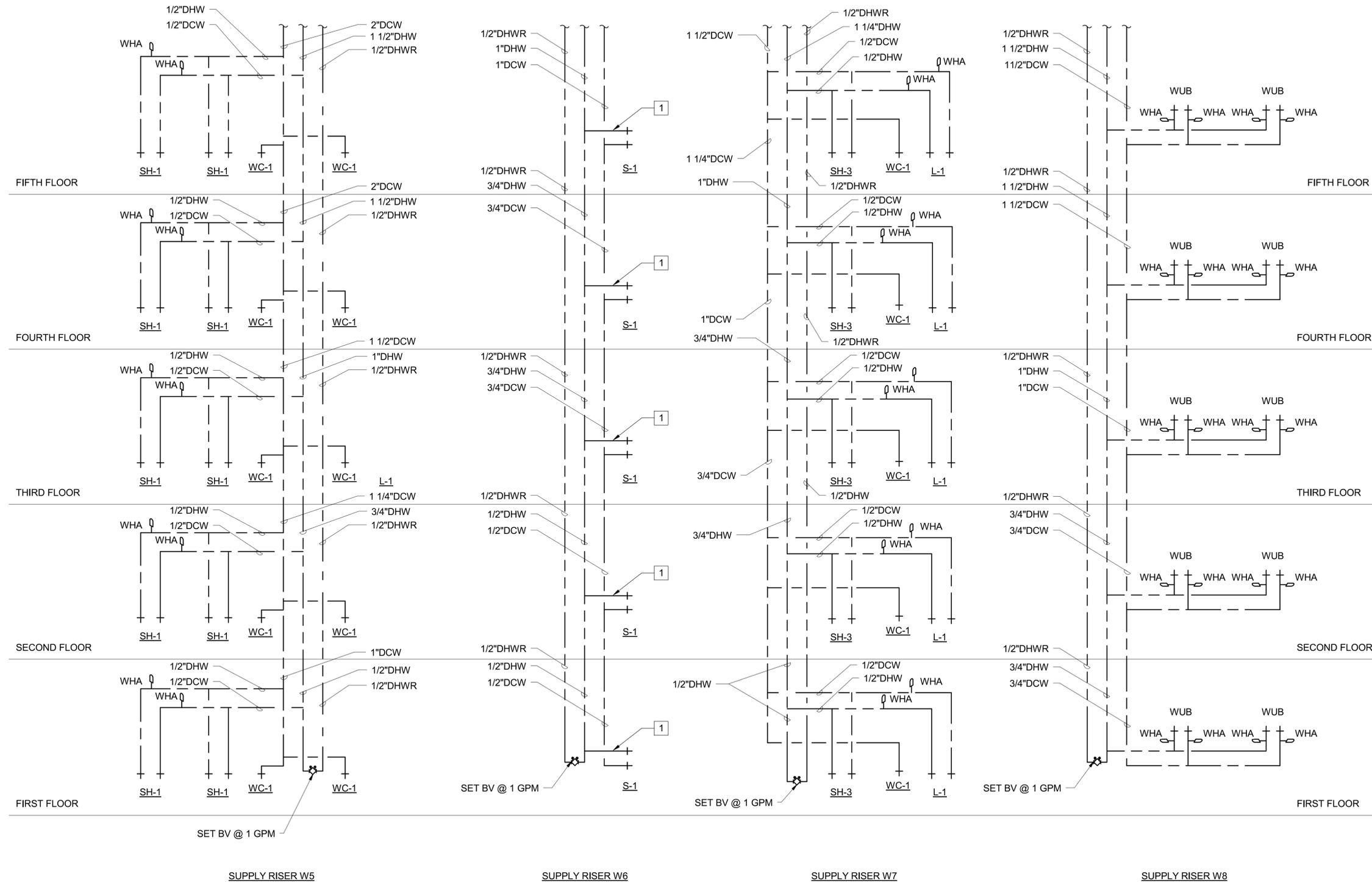
SCALE:	AS NOTED
EPROJECT NO.	1382693
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12722083
SHEET	97 OF 177
P-701	

GENERAL NOTES:

- 1. SEE P-001 FOR PLUMBING LEGEND, ABBREVIATIONS, AND NOTES.
- 2. RISER DIAGRAMS ARE SCHEMATIC IN NATURE AND DO NOT INCLUDE ALL FITTINGS, COMPONENTS AND ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION.

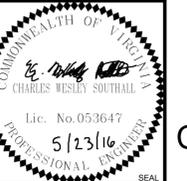
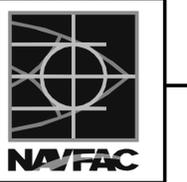
NEW WORK NOTES #

- 1. PROVIDE 1/2" DHW PIPING TO DISHWASHER.



SUPPLY RISERS W5 - W8
SCALE: NOT TO SCALE

NO.	DATE	DESCRIPTION



BURNS MEDONNELL
1305 EXECUTIVE BLVD.
SUITE 160
CHESAPEAKE, VA 23320

APPROVED	A/E IN CH
FOR COMMANDER NAVFAC	
ACTIVITY	
PER SAT-TO DOCUMENT FROM GERARD MONTANA (PMBRANCH HEAD) WITH FEED AT NAVAL STATION NEWPORT-NEWPORT, RI	
SATISFACTORY TO DATE	4/29/16
DES	RMB
DRW	RMB
CHK	CC
PM / DM	MLWLEJ
BRANCH MANAGER	
CHIEF ENGINEER	
D/WG	
FIRE PROTECTION	

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND - MIDLANT
NEWPORT, RHODE ISLAND
NAVAL STATION NEWPORT
NEWPORT, RHODE ISLAND

RENOVATION OF BUILDING 678

PLUMBING SUPPLY RISER DIAGRAMS

SCALE:	AS NOTED
EPROJCT NO.	1382693
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	1272084
SHEET	98 OF 177
P-702	

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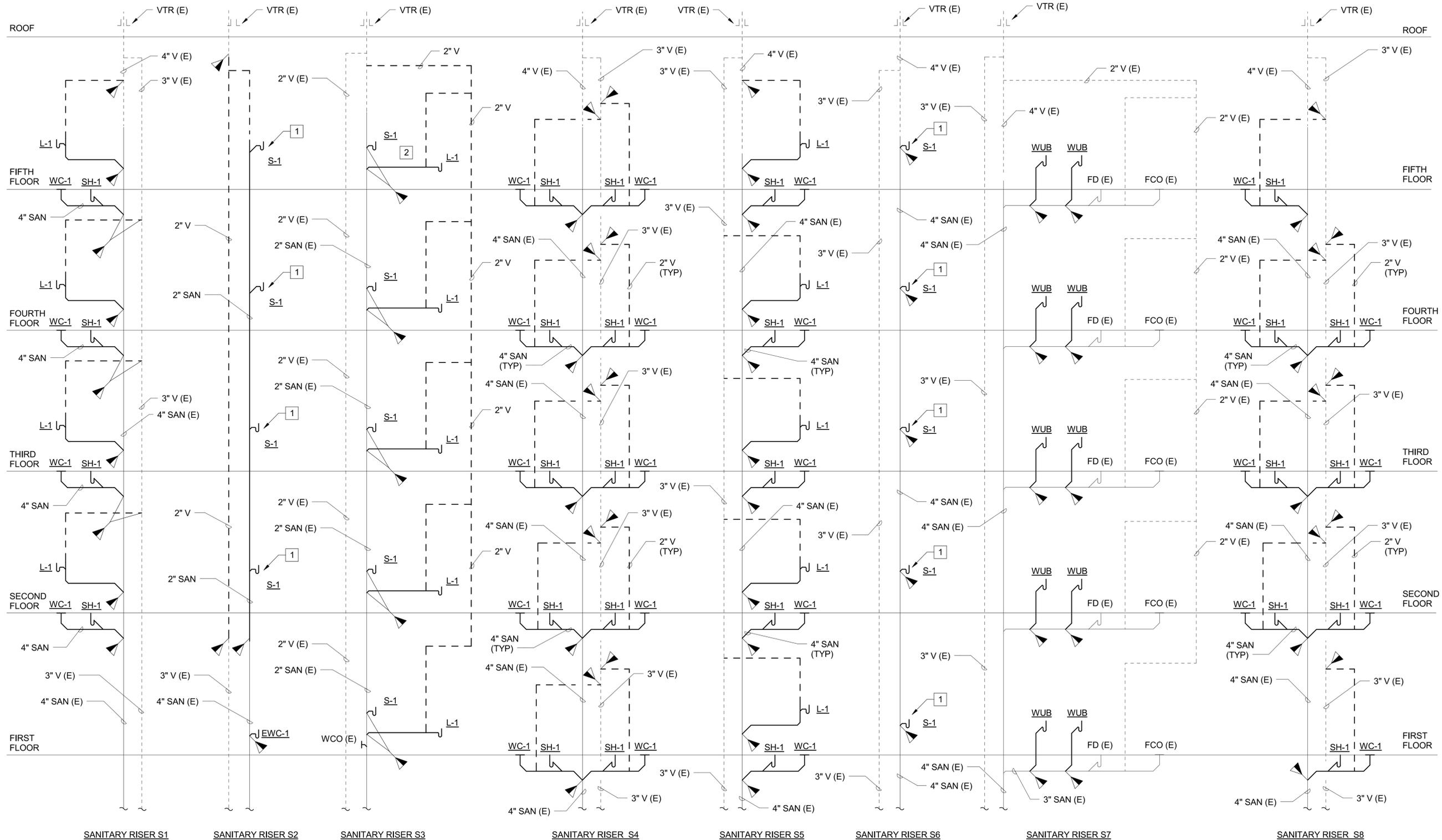
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NEW WORK NOTES

- CONNECT DISCHARGE LINE FROM DISHWASHER ABOVE TRAP SEAL UNDER SINK.
- PROVIDE FD-1 IN LIEU OF LAVATORY AND SINK IN MECH ROOM 510.

GENERAL NOTES:

- SEE P-001 FOR PLUMBING LEGEND, ABBREVIATIONS, AND NOTES. RISER DIAGRAMS ARE SCHEMATIC IN NATURE AND DO NOT INCLUDE ALL FITTINGS, COMPONENTS AND ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION.



DWV RISERS S1 - S8

SCALE: NOT TO SCALE

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BURNS MEDONNELL
 1305 EXECUTIVE BLVD.
 SUITE 160
 CHESAPEAKE, VA 23320

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY
PER SAT TO DOCUMENT FROM GERARD MONTANI (P) BRANCH HEAD WITH FEED AT NAVAL STATION NEWPORT-NEWPORT, RI

SATISFACTORY TO DATE 4/20/16

DES RMB | DRW RMB | CHK CC

PM/DM MLWLEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

DEPARTMENT OF THE NAVY

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND - MIDLAND

NEWPORT, RHODE ISLAND

NAVAL STATION NEWPORT

NEWPORT, RHODE ISLAND

RENOVATION OF BUILDING 678

PLUMBING SANITARY / VENT RISER DIAGRAMS

SCALE: AS NOTED

PROJECT NO. 1382693

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12722085

SHEET 99 OF 177

P-703

DRAWING REVISION: 10 MAY 2014

