

CALLOUT IDENTIFICATION

SECTION, DETAIL, AND ELEVATION SYMBOL IDENTIFIERS:

LETTER AND NUMBER DESIGNATOR FOR GRID COORDINATE

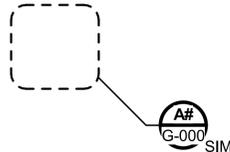
ONE OR TWO CHARACTER DISCIPLINE DESIGNATOR (MAY NOT BE PRESENT IF CALLOUT AND TITLE ARE ON DRAWINGS WITHIN THE SAME DISCIPLINE)

DRAWING SEQUENCE NUMBER INDICATES WHERE TITLE IS LOCATED (MAY NOT BE PRESENT IF CALLOUT AND TITLE ARE ON THE SAME DRAWING)

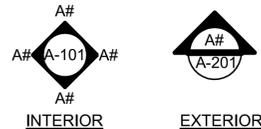
SECTION CALLOUT EXAMPLE:



DETAIL CALLOUT EXAMPLE:



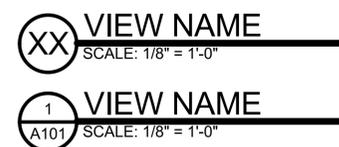
ELEVATION CALLOUT EXAMPLE:



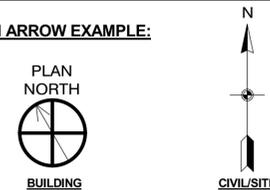
PLAN TITLE EXAMPLE:



SECTION, DETAIL, AND ELEVATION TITLE EXAMPLE:



NORTH ARROW EXAMPLE:



GRAPHIC SCALE EXAMPLE:

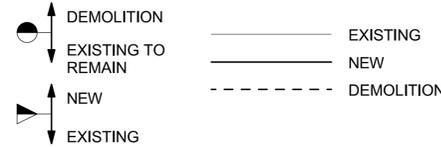


PIPE LINE DESIGNATIONS

--- ?" 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
--- [M]	METER
--- [CO]	CLEANOUT IN RISER
--- [WCO]	CLEANOUT IN WALL
--- [FCO]	CLEANOUT IN FLOOR

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

CONSTRUCTION INTERFACE



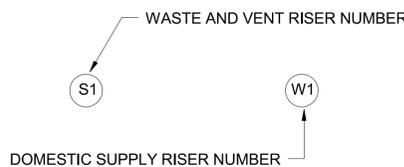
GENERAL NOTES:

- UNLESS NOTED OTHERWISE, THE CIVIL AND MECHANICAL INTERFACE POINT IS 5 FEET OUTSIDE OF THE BUILDING WALL.
- 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 LARGE AND 2% FOR 2" AND SMALL DOWNWARD IN DIRECTION OF FLOW. INSTALL VENT PIPING WITH 1% SLOPE DOWNWARD TOWARD FIXTURE OR STACK.
- ALL FIXTURES SHALL HAVE A P-TRAP INSTALLED.
- PLUMBING WORK MUST BE IN ACCORDANCE WITH UFC 3-420-01 AND THE INTERNATIONAL PLUMBING CODE.
- DEMOLISHED PIPING MUST BE REMOVED BACK TO THE MAINS AND CAPPED, WITH NO DEAD LEG PIPING UNLESS NOTED OTHERWISE.
- WHERE REMOVING PIPING OR OTHER ASSOCIATED ITEMS FROM THE FLOOR, WALL, OR OTHER THROUGH PENETRATIONS, THE MECHANICAL CONTRACTOR MUST PROVIDE PATCHING AS REQUIRED TO MAINTAIN EXISTING AND ACCORDING TO THE ARCHITECTURAL SPECIFICATIONS. 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.
- WHERE A CONFLICT IS IDENTIFIED NOTIFY THE CONTRACTING OFFICER.
- INSTALL CONDENSATE PIPING WITH 1% SLOPE DOWNWARD TOWARD DISCHARGE LOCATION.

PLUMBING ABBREVIATIONS

AG	AIR GAP	FD	FLOOR DRAIN	TD	TRENCH DRAIN
AFF	ABOVE FINISHED FLOOR	FI	FLOW INDICATOR	VTR	VENT THROUGH ROOF
AC	AIR COCK	FM	FLOW METER	VCP	VITRIFIED CLAY PIPE
ARV	AIR RELEASE VALVE	FS	FORGED STEEL	WH	INDIRECT WATER HEATER
BFP	BACK-FLOW PREVENTER	HD	HUB DRAIN		
BLVD	BEVELED	HHWS	HEATING HOT WATER SUPPLY		
BLE	BEVELED LARGE END	HHWR	HEATING HOT WATER RETURN		
BE	BEVEL END	I.E.	INVERT ELEVATION		
BF	BLIND FLANGE	LC	LOCK CLOSED		
BOP	BOTTOM OF PIPE	LO	LOCK OPEN		
BW	BUTT WELD	LR	LONG RADIUS		
CH OP	CHAIN WHEEL OPERATOR	MW	MANWAY		
CPVC	CHLORINATED POLYVINYL CHLORIDE	NPSH	NET POSITIVE SUCTION HEAD		
CONC	CONCENTRIC	NRS	NON-RISING STEM		
COND	CONDENSATE DRAIN	NWL	NORMAL WATER LEVEL		
CORP STOP DN	CORPORATION STOP DOWN	PSIA	POUNDS PER SQUARE INCH ABSOLUTE		
D	DRAIN	PSIG	POUNDS PER SQUARE INCH GAUGE		
DHWP	DOMESTIC HOT WATER PUMP	PVC	POLYVINYL CHLORIDE		
ELL	ELBOW	RD	ROOF DRAIN		
E	EXISTING	RED	REDUCER-REDUCING		
ETR	EXISTING TO REMAIN	RCP	REMOTE COOLER PACKAGE		
XH	EXTRA HEAVY	RS	RISING STEM		
XS	EXTRA STRONG	RLP	RUBBER LINED PIPE		
FRP	FIBERGLASS REINFORCED PIPE	SCH	SCHEDULE		
FW	FIELD WELD	SCRD	SCREWED		
FLGD	FLANGED	SR	SHORT RADIUS		
FCA	FLANGED COUPLING ADAPTER	SWG NIPP	SWAGED NIPPLE		
FE	FLANGED END	TSE	THREAD SMALL END		
FF	FLAT FACED	TOC	TOP OF CONCRETE		
FOB	FLAT ON BOTTOM	TOP	TOP OF PIPE		
FOT	FLAT ON TOP	TOG	TOP OF GRATING		
FOV	FLOAT OPERATED VALVE	TMS	THERMOSTATIC MIXING STATION		

RISER IDENTIFICATION

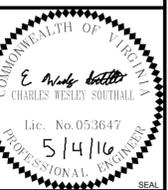


RISER DIAGRAM LEGEND

[CO]	CLEANOUT (CO) IN RISER
[FCO]	CLEANOUT (FCO) IN FLOOR
[VTR]	VENT THRU ROOF (VTR)
[FP]	FLOOR OR WALL PENETRATION
[PT]	PLUMBING FIXTURE TRAP
[FD]	FLOOR DRAIN/EQUIPMENT DRAIN
[PG]	PRESSURE GAUGE
[WHA-A]	WATER HAMMER ARRESTOR - SPEC. TYPE
[WCO]	CLEANOUT (WCO) IN WALL
[UP/DN]	ISOMETRIC DIRECTION ARROW

PLUMBING SYMBOLS LEGEND

[WC-1]	WC-1	WATER CLOSET, TANK TYPE
[WC-2]	WC-2	WATER CLOSET, TANK TYPE - ACCESSIBLE
[L-1]	L-1	LAVATORY, COUNTER MOUNTED
[L-2]	L-2	LAVATORY, COUNTER MOUNTED - ACCESSIBLE
[L-3]	L-3	LAVATORY, WALL MOUNTED
[S-1]	S-1	LAVATORY, COUNTER MOUNTED
[S-2]	S-2	SINK, LAUNDRY, WALL MOUNTED
[SH-1]	SH-1	SHOWER
[SH-2]	SH-2	SHOWER - ACCESSIBLE
[DWC]	DWC	DUAL ELECTRIC WATER COOLER
[DHWP]	DHWP	DOMESTIC HOT WATER PUMP
[GV]	GV	GATE VALVE
[CV]	CV	CHECK VALVE
[BV]	BV	BALANCING VALVE
[BFV]	BFV	BUFFERFLY VALVE
[RV]	RV	RELIEF VALVE, SAFETY OR THERMAL
[BV]	BV	BALL VALVE
[VB]	VB	VACCUM BREAKER
[P]	P	PUMP
[TM]	TM	THERMOMETER
[TI]	TI	TEMPERATURE INDICATOR
[TMV]	TMV	THERMOSTATIC MIXING VALVE
[SCPRV]	SCPRV	SELF CONTAINED PRESSURE REDUCING (REGULATING) VALVE
[PI]	PI	PRESSURE INDICATOR
[YTS]	YTS	Y-TYPE STRAINER
[RC]	RC	REMOVABLE CAP
[U]	U	UNION
[R]	R	REDUCER (CONCENTRIC)
[ER]	ER	REDUCER (ECCENTRIC)



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

APPROVED

FOR COMMANDER NAVFAC/B.L.T.L.

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

SATISFACTORY TO DATE 4/20/16

DES CWS DRW JR CHK BF

PM/DM MLW/LEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

NAV FACILITIES ENGINEERING COMMAND

NAV FACILITIES ENGINEERING COMMAND - MID-ATLANTIC

NEWPORT-RHODE ISLAND

NAVAL STATION NEWPORT

NEWPORT, RHODE ISLAND

RENOVATION OF NGIS, BUILDING 172

PLUMBING GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS

SCALE: AS NOTED

EPROJCT NO. 13770079

CONSTR. CONTR. NO.

NAV FAC DRAWING NO. 12719489

SHEET 104 OF 200

P-001

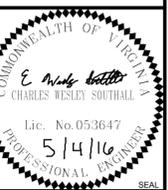
DRAWING REVISION: 10 MAY 2014

GENERAL NOTES:

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

DEMOLITION NOTES: #

- 1. DEMOLISH AND INSTALL TEMPORARY CAP ON DCW, DHW, AND DHWR PIPING BACK TO MAIN FOR FUTURE CONNECTION.
- 2. 4" DCW (E) FROM GRADE INTO BUILDING.
- 3. NG (ETR) FROM ABOVE MAIN NATURAL GAS INTO BUILDING. EXISTING BOILERS TO REMAIN.
- 5. EXISTING THERMOSTATIC MIXING STATION ASSEMBLY TO REMAIN.



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

APPROVED

FOR COMMANDER NAVFAC / B.L.T.L.

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

SATISFACTORY TO DATE 4/29/16

DES	CWS	DRW	JR	CHK	BF
-----	-----	-----	----	-----	----

PM / DM MLWLEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC

NORTH IPT NEWPORT-RHODE ISLAND

NAVAL STATION NEWPORT NEWPORT, RHODE ISLAND

RENOVATION OF NGIS, BUILDING 172

PLUMBING DOMESTIC WATER & NATURAL GAS DEMOLITION PLAN - BASEMENT

SCALE: AS NOTED

EPROJECT NO. 13770079

CONSTR. CONTR. NO.

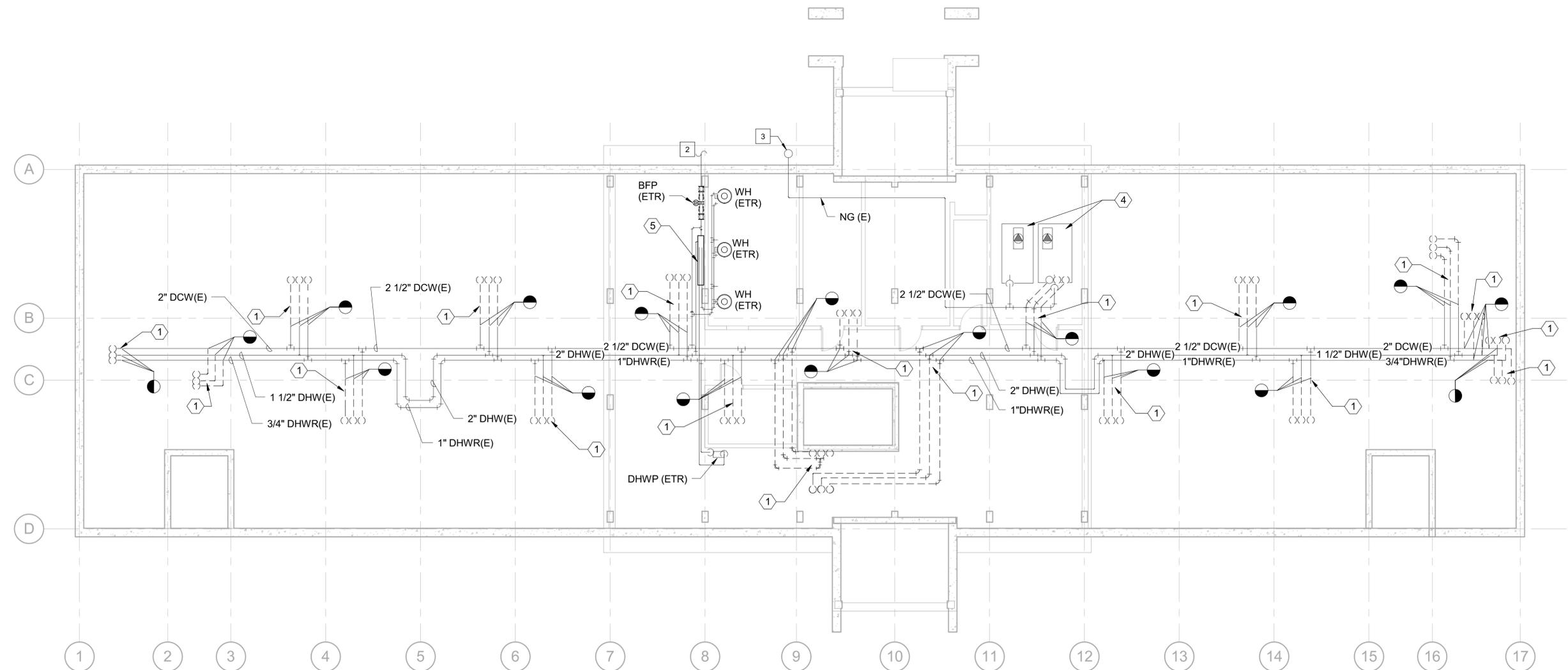
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SHEET 105 OF 200

PD100L

DRAWING REVISION: 10 MAY 2014

GRAPHIC SCALE:



PLAN NORTH
PLUMBING DOMESTIC WATER & NATURAL GAS DEMOLITION PLAN - BASEMENT
 SCALE: 1/8" = 1'-0"

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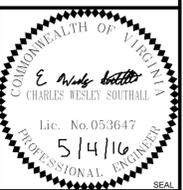
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GENERAL NOTES:

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

DEMOLITION NOTES: #

- 1. DEMOLISH AND INSTALL TEMPORARY CAP ON SANITARY SEWER FOR FUTURE CONNECTION.
- 2. EXISTING STORM RISER TO REMAIN.



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

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FOR COMMANDER NAVFAC / B.L.T.L.

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	CWS	DRW	JR	CHK	BF
PM / DM					MLWLEJ

BRANCH MANAGER

CHIEF ENGINEER

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC

NORTH IPT

NAVAL STATION NEWPORT

NEWPORT, RHODE ISLAND

RENOVATION OF NGIS, BUILDING 172

PLUMBING WASTE & VENT DEMOLITION PLAN - BASEMENT

SCALE: AS NOTED

EPROJECT NO. 13770079

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12719491

SHEET 106 OF 200

PD100W

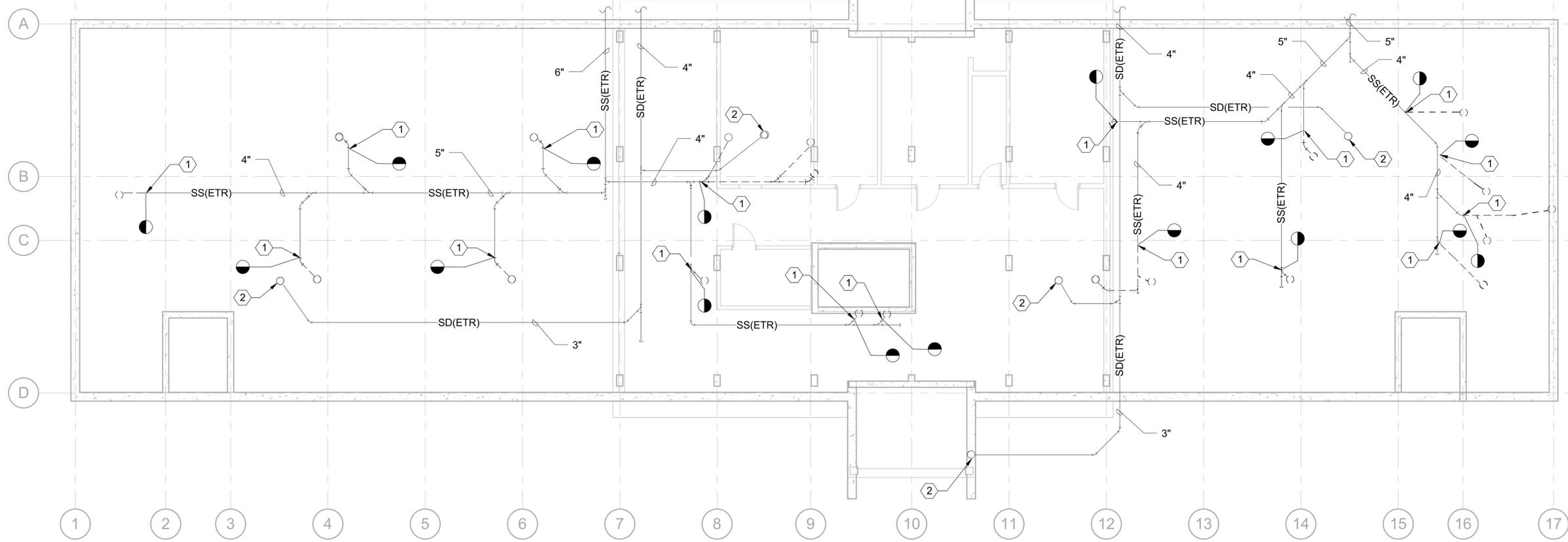
DRAWING REVISION: 10 MAY 2014

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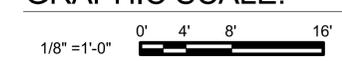
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PLUMBING WASTE & VENT DEMOLITION PLAN - BASEMENT

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

GRAPHIC SCALE:

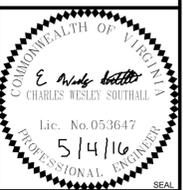


GENERAL NOTES:

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

DEMOLITION NOTES: (#)

- 1. DEMOLISH AND CAP DCW, DHW, AND DHWR PIPING BACK TO MAIN LOCATED IN BASEMENT.
- 2. DEMOLISH PLUMBING FIXTURES AND ASSOCIATED PIPING.
- 3. DEMOLISH AND CAP SANITARY SEWER AND VENT PIPING BACK TO MAIN LOCATED IN BASEMENT.
- 4. EXISTING ROOF DRAIN RISER/ PIPING TO REMAIN.
- 5. EXISTING ROOF DRAIN TO REMAIN.



APPROVED

FOR COMMANDER NAVFAC/B.L.T.L.

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 CWS DRW JR CHK BF

PM/DM MLWLEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

DEPARTMENT OF THE NAVY
 NAVAL FACILITIES ENGINEERING COMMAND
 NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC
 NORTH IPT
 NAVAL STATION NEWPORT
 NEWPORT, RHODE ISLAND

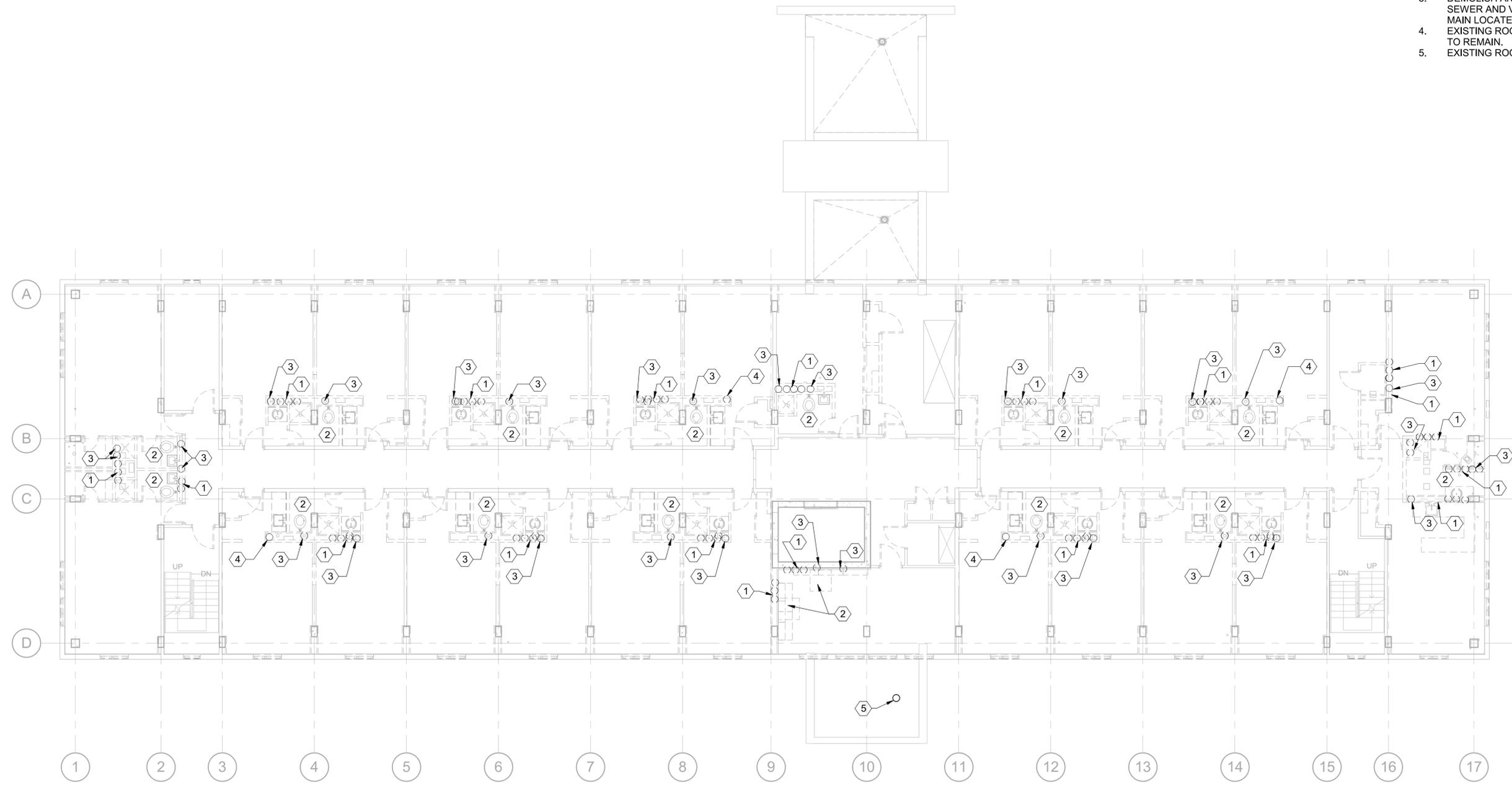
RENOVATION OF NGIS, BUILDING 172
 PLUMBING DEMOLITION PLAN - SECOND FLOOR

SCALE: AS NOTED
 EPROJECT NO. 13770079
 CONSTR. CONTR. NO.
 NAVFAC DRAWING NO. 12719493
 SHEET 108 OF 200
 PD102

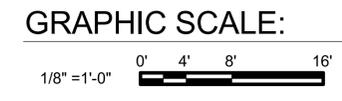
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PLAN NORTH
PLUMBING DEMOLITION PLAN - SECOND FLOOR
 SCALE: 1/8" = 1'-0"

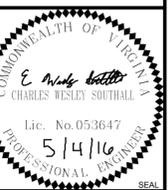


GENERAL NOTES:

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

DEMOLITION NOTES: (#)

- 1. DEMOLISH AND CAP DCW, DHW, AND DHWR PIPING BACK TO MAIN IN BASEMENT.
- 2. DEMOLISH PLUMBING FIXTURES AND ASSOCIATED PIPING.
- 3. DEMOLISH AND CAP SANITARY SEWER AND VENT PIPING BACK TO MAIN LOCATED IN BASEMENT.
- 4. EXISTING ROOF DRAIN RISER/ PIPING TO REMAIN.



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

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FOR COMMANDER NAVFAC / B.L.T.L.

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

SATISFACTORY TO DATE 4/29/16

DES CWS DRW JR CHK BF

PM / DM MLWLEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC

NORTH IPT NEWPORT-RHODE ISLAND

NAVAL STATION NEWPORT NEWPORT, RHODE ISLAND

RENOVATION OF NGIS, BUILDING 172

PLUMBING DEMOLITION PLAN - FOURTH FLOOR

SCALE: AS NOTED

PROJECT NO. 13770079

CONSTR. CONTR. NO.

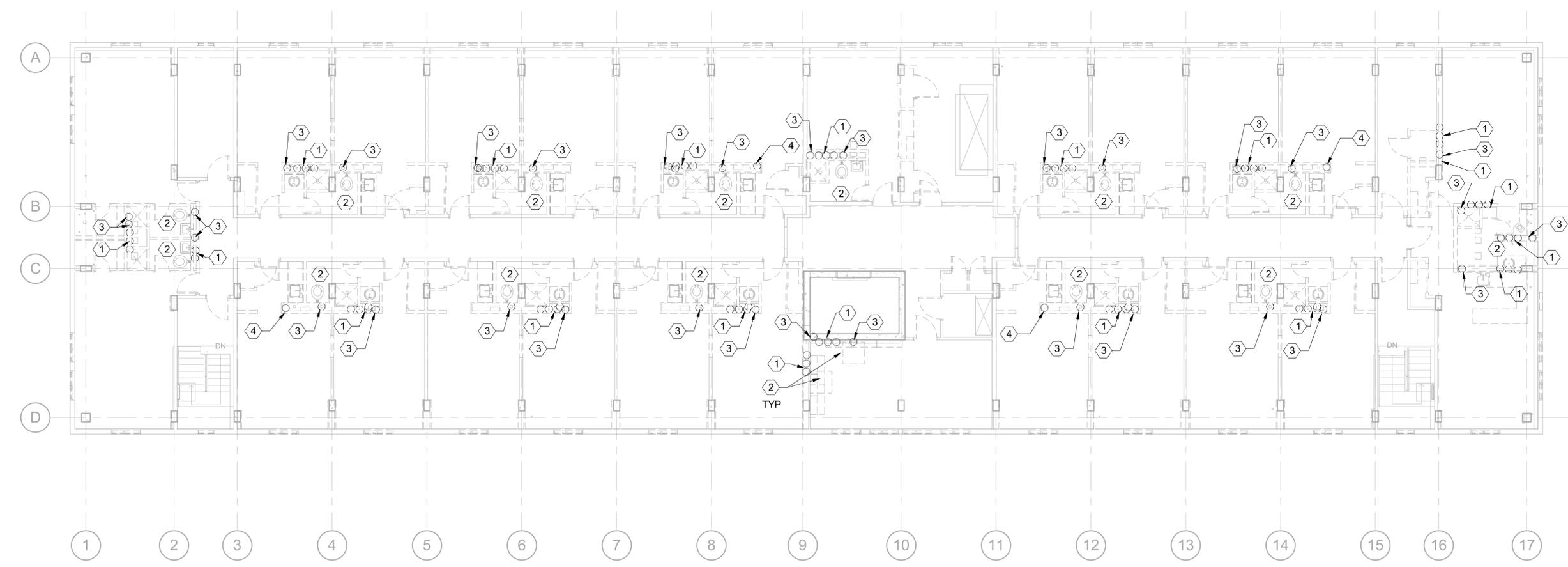
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SHEET 110 OF 200

PD104

DRAWING REVISION: 10 MAY 2014

GRAPHIC SCALE:



PLAN NORTH
PLUMBING DEMOLITION PLAN - FOURTH FLOOR
 SCALE: 1/8" = 1'-0"

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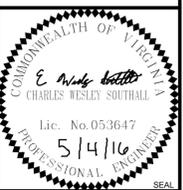
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GENERAL NOTES:

- 1. SEE P-001 FOR PLUMBING LEGEND, ABBREVIATIONS, AND NOTES.
- 2. SEE P-701 & P-702 FOR COMMON SUPPLY RISER PIPE SIZES.

NEW WORK NOTES: #

- 1. EXISTING NG MAIN DOWN TO BASEMENT.
- 2. NEW 1" NG UP TO ROOF, TAKEOFF EXISTING NG MAIN. PAINT PIPE TO MATCH THE EXTERIOR OF THE BUILDING.
- 3. ALL PIPING SERVING PLUMBING FIXTURES SHALL BE INSTALLED WITHIN BATHROOM CEILING. PIPING IS SHOWN OUTSIDE OF BATHROOM FOR CLARITY ONLY.
- 4. DOMESTIC WATER SHALL NOT BE INSTALLED WITHIN FIRE-RATED DUCT SHAFT. DUCT RISERS SHOWN FOR REFERENCE ONLY.



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

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FOR COMMANDER NAVFAC/B.L.T.

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

SATISFACTORY TO DATE 4/20/16

DES RMB DRW RMB CHK BF

PM/DM MLWLEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC

NORTH IPT

NAVAL STATION NEWPORT

NEWPORT, RHODE ISLAND

RENOVATION OF NGIS, BUILDING 172

FIRST FLOOR - DOMESTIC WATER & NATURAL GAS PLAN

SCALE: AS NOTED

EPROJCT NO. 13770079

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12719498

SHEET 113 OF 200

PL101

DRAWING REVISION: 10 MAY 2014

GRAPHIC SCALE:



PLAN NORTH
FIRST FLOOR - DOMESTIC WATER & NATURAL GAS PLAN
 SCALE: 1/8" = 1'-0"

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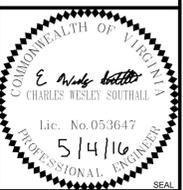
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GENERAL NOTES:

- 1. SEE P-001 FOR PLUMBING LEGEND, ABBREVIATIONS, AND NOTES.
- 2. SEE P-701, P-702 FOR COMMON SUPPLY RISER PIPE SIZES.

NEW WORK NOTES: #

- 1. 1" NG FROM BELOW AND UP TO ROOF. PAINT PIPE TO MATCH THE EXTERIOR OF THE BUILDING.
- 2. ALL PIPING SERVING PLUMBING FIXTURES SHALL BE INSTALLED WITHIN BATHROOM CEILING. PIPING IS SHOWN OUTSIDE OF BATHROOM FOR CLARITY ONLY.
- 3. DOMESTIC WATER SHALL NOT BE INSTALLED WITHIN FIRE-RATED DUCT SHAFT. DUCT RISERS SHOWN FOR REFERENCE ONLY.



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

APPROVED

FOR COMMANDER NAVFAC / B.L.T.L.

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 BF

PM/DM MLW/LEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC

NORTH IPT

NAVAL STATION NEWPORT

NEWPORT, RHODE ISLAND

RENOVATION OF NGIS, BUILDING 172

FOURTH FLOOR - DOMESTIC WATER & NATURAL GAS PLAN

SCALE: AS NOTED

PROJECT NO. 13770079

CONSTR. CONTR. NO.

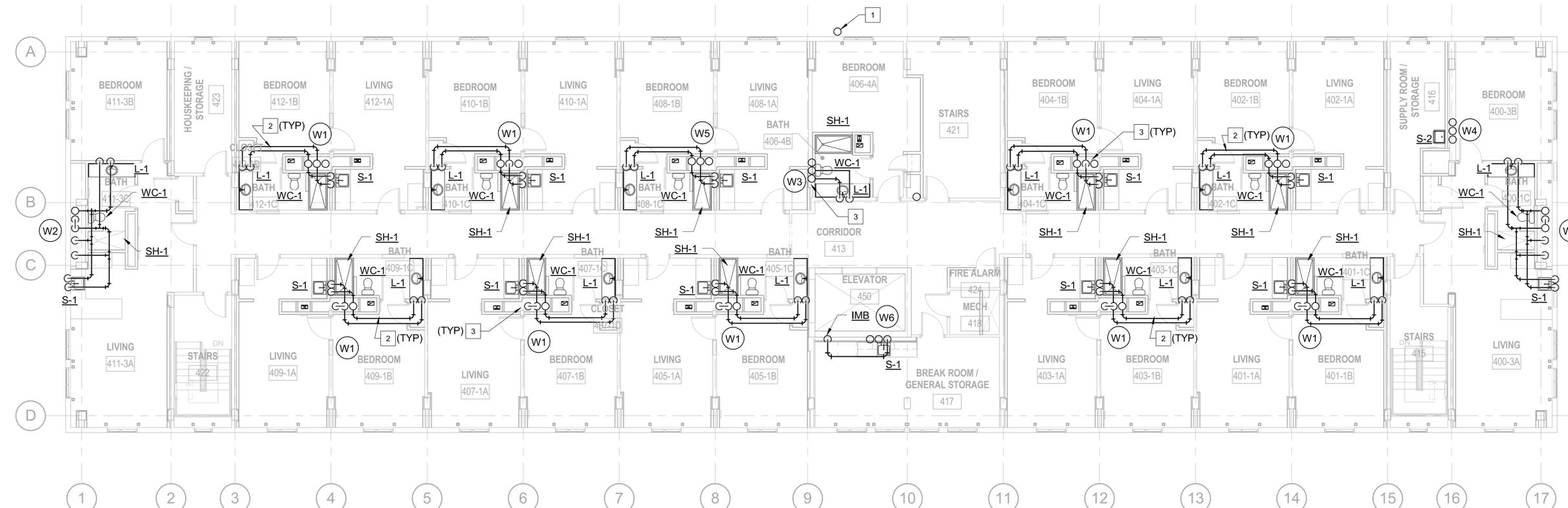
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SHEET 116 OF 200

PL104

DRAWING REVISION: 10 MAY 2014

GRAPHIC SCALE:



PLAN NORTH
FOURTH FLOOR DOMESTIC WATER & NATURAL GAS PLAN
 SCALE: 1/8" = 1'-0"

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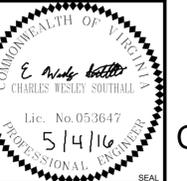
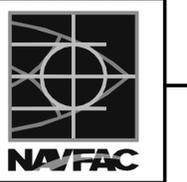
GENERAL NOTES:

- 1. SEE P-001 FOR PLUMBING LEGEND, ABBREVIATIONS, AND NOTES.
- 2. SEE P-703 FOR COMMON WASTE RISER PIPE SIZES.

NEW WORK NOTES: #

- 1. EXISTING STORM RISER TO REMAIN.
- 2. ROUTE SANITARY PIPING SO IT IS NOT LOCATED DIRECTLY OVER ELEVATOR OR ELECTRICAL EQUIPMENT. PROVIDE DRAIN PAN.
- 3. MECHANICAL UNIT FOR REFERENCE ONLY.
- 4. DISCHARGE CONDENSATE TO EXISTING SUMP PIT.

NO.	DATE	DESCRIPTION

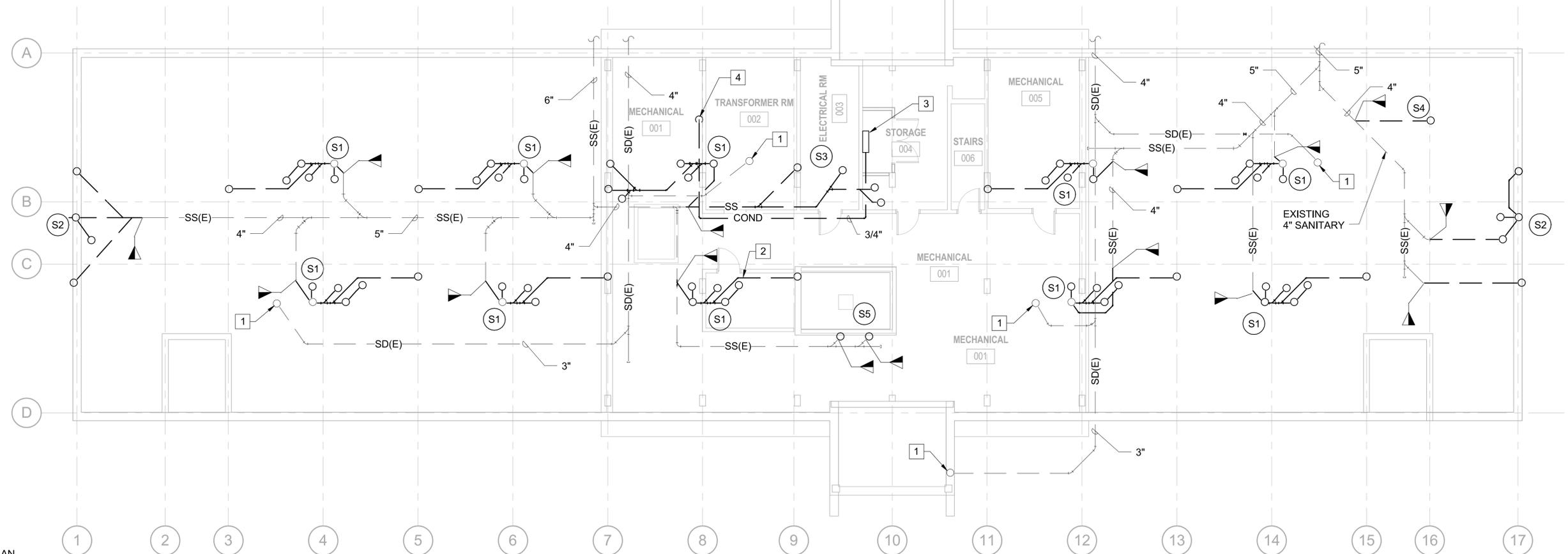


APPROVED

FOR COMMANDER NAVFAC/B.L.T.L.
ACTIVITY PER SAT-TO DOCUMENT FROM GERARD MONTANI (PMBRANCH HEAD) WITH FEED AT NAVAL STATION NEWPORT-NEWPORT, RI
SATISFACTORY TO DATE 4/20/16
DES: RMB DRW: RMB CHK: BF
PM/DM: MLWLEJ
BRANCH MANAGER
CHIEF ENGINEER: DWG
FIRE PROTECTION

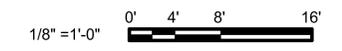
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC
NORTH IPT
NAVAL STATION NEWPORT
NEWPORT, RHODE ISLAND
NEWPORT, RHODE ISLAND
RENOVATION OF NGIS, BUILDING 172
BASEMENT - WASTE & VENT PLAN

SCALE: AS NOTED
PROJECT NO. 13770079
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12719503
SHEET 118 OF 200
PW100



PLAN NORTH
BASEMENT - WASTE & VENT PLAN
SCALE: 1/8" = 1'-0"

GRAPHIC SCALE:



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REV DATE: 4/29/2016 10:22:30 AM

FILE NAME: C:\Revit_Projects\180232-NGIS\Bldg172\Modals\MPEP6232_M_cwsouthall.rvt

GENERAL NOTES:

- 1. SEE P-001 FOR PLUMBING LEGEND, ABBREVIATIONS, AND NOTES.
- 2. SEE P-703 FOR COMMON WASTE RISER PIPE SIZES.

NEW WORK NOTES: #

- 1. EXISTING STORM DRAIN RISER TO REMAIN.
- 2. SANITARY SEWER AND VENT PIPING SHALL NOT BE INSTALLED WITHIN FIRE-RATED DUCT SHAFT. DUCT RISERS SHOWN FOR REFERENCE ONLY.



1305 EXECUTIVE BLVD. SUITE 160 CHESAPEAKE, VA 23320

APPROVED

FOR COMMANDER NAVFAC / B.L.T.

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 BF

PM / DM MLWLEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

DEPARTMENT OF THE NAVY
 NAVAL FACILITIES ENGINEERING COMMAND
 NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC
 NORTH IPT
 NAVAL STATION NEWPORT
 NEWPORT, RHODE ISLAND

RENOVATION OF NGIS, BUILDING 172
 THIRD FLOOR - WASTE & VENT PLAN

SCALE: AS NOTED

PROJECT NO. 13770079

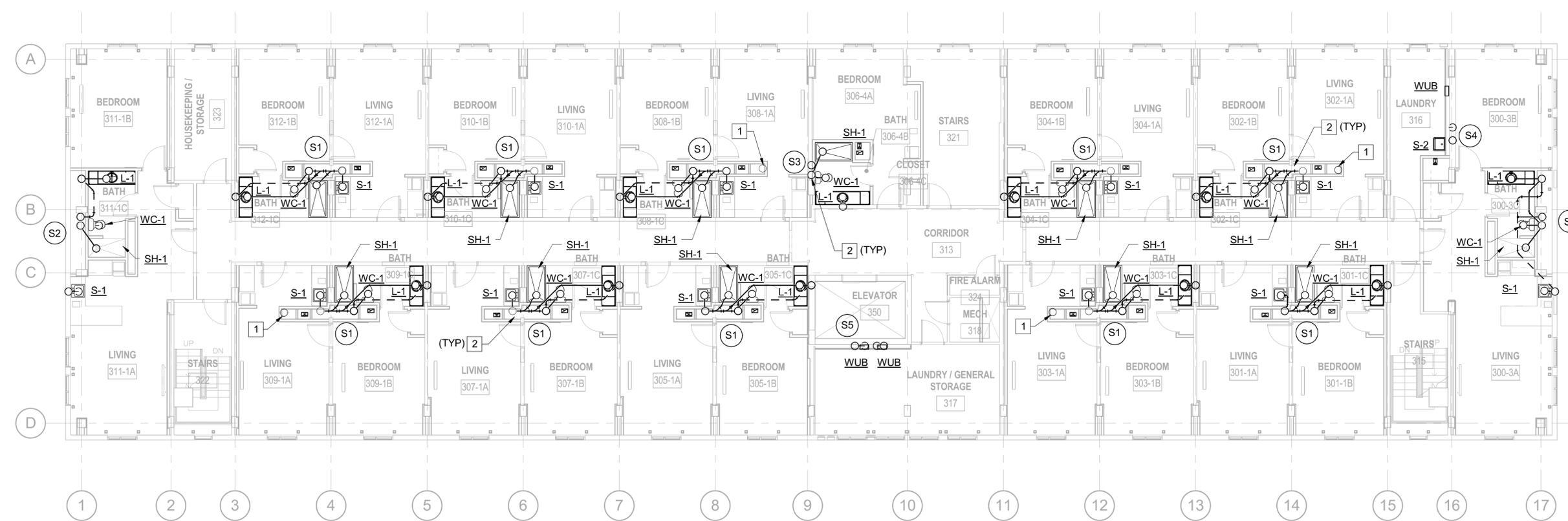
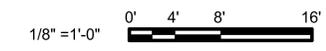
CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12719506

SHEET 121 OF 200

PW103

GRAPHIC SCALE:



PLAN NORTH
THIRD FLOOR - WASTE & VENT PLAN
SCALE: 1/8" = 1'-0"

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REV DATE: 4/29/2016 10:22:46 AM

FILE NAME: C:\Revit_Projects\180232-NGIS\172\Modals\MFP60232_M_cvsouthall.rvt

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GENERAL NOTES:

- 1. SEE P-001 FOR PLUMBING LEGEND, ABBREVIATIONS, AND NOTES.
- 2. SEE P-703 FOR COMMON WASTE RISER PIPE SIZES.

NEW WORK NOTES: #

- 1. EXISTING STORM DRAIN RISER TO REMAIN.
- 2. SANITARY SEWER AND VENT PIPING SHALL NOT BE INSTALLED WITHIN FIRE-RATED DUCT SHAFT. DUCT RISERS SHOWN FOR REFERENCE ONLY.



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

APPROVED

FOR COMMANDER NAVFAC/B.L.T.L.

ACTIVITY

PER SAT-TO DOCUMENT FROM GERARD MONTANA

(P/B RANCH HEAD) WITH FEED AT NAVAL STATION

NEWPORT-NEWPORT, RI

SATISFACTORY TO DATE 4/20/16

DES RMB DRW RMB CHK BF

PM/DM MLWLEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC

NORTH IPT

NAVAL STATION NEWPORT

NEWPORT, RHODE ISLAND

RENOVATION OF NGIS, BUILDING 172

FOURTH FLOOR - WASTE & VENT PLAN

SCALE: AS NOTED

PROJECT NO. 13770079

CONSTR. CONTR. NO.

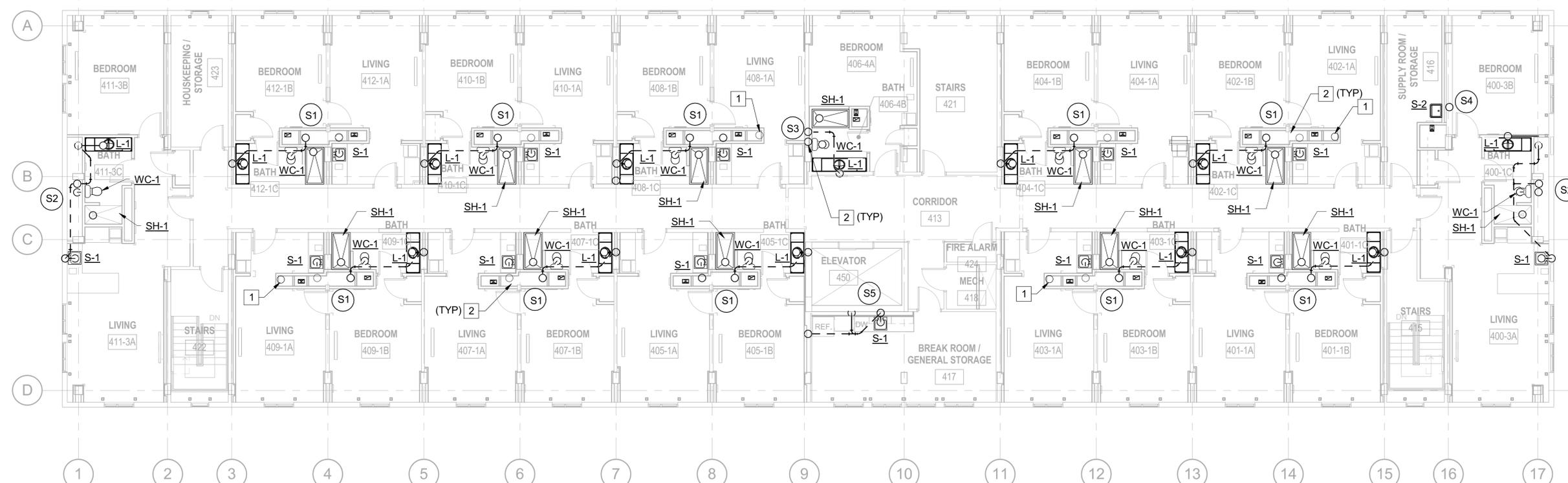
NAVFAC DRAWING NO. 12719507

SHEET 122 OF 200

PW104

DRAWING REVISION: 10 MAY 2014

GRAPHIC SCALE:



PLAN NORTH
FOURTH FLOOR WASTE & VENT PLAN
 SCALE: 1/8" = 1'-0"

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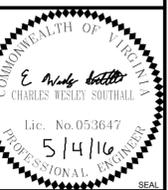
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GENERAL NOTES:

- 1. SEE P-001 FOR PLUMBING LEGEND, ABBREVIATIONS, AND NOTES.
- 2. SEE P-703 FOR COMMON WASTE RISER PIPE SIZES.

NEW WORK NOTES: #

- 1. EXISTING VENT THRU ROOF TO REMAIN.
- 2. EXISTING ROOF DRAIN TO REMAIN.



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

APPROVED

FOR COMMANDER NAVFAC / B.L.T.L.

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

SATISFACTORY TO DATE 4/29/16

DES RMB DRW RMB CHK BF

PM / DM MLWLEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC

NORTH IPT NEWPORT-RHODE ISLAND

NAVAL STATION NEWPORT NEWPORT, RHODE ISLAND

RENOVATION OF NGIS, BUILDING 172

ROOF - WASTE & VENT PLAN

SCALE: AS NOTED

EPROJCT NO. 13770079

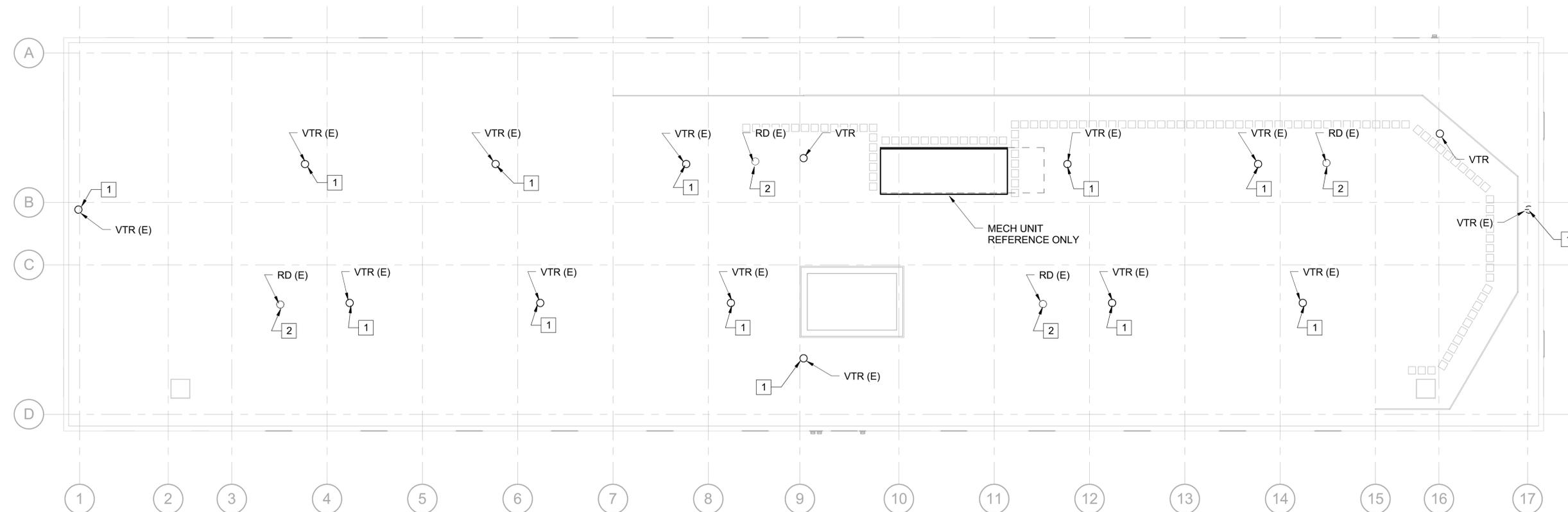
CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12719508

SHEET 123 OF 200

PW105

DRAWFORM REVISION: 10 MAY 2014



PLAN NORTH
ROOF - WASTE & VENT PLAN
 SCALE: 1/8" = 1'-0"

GRAPHIC SCALE:



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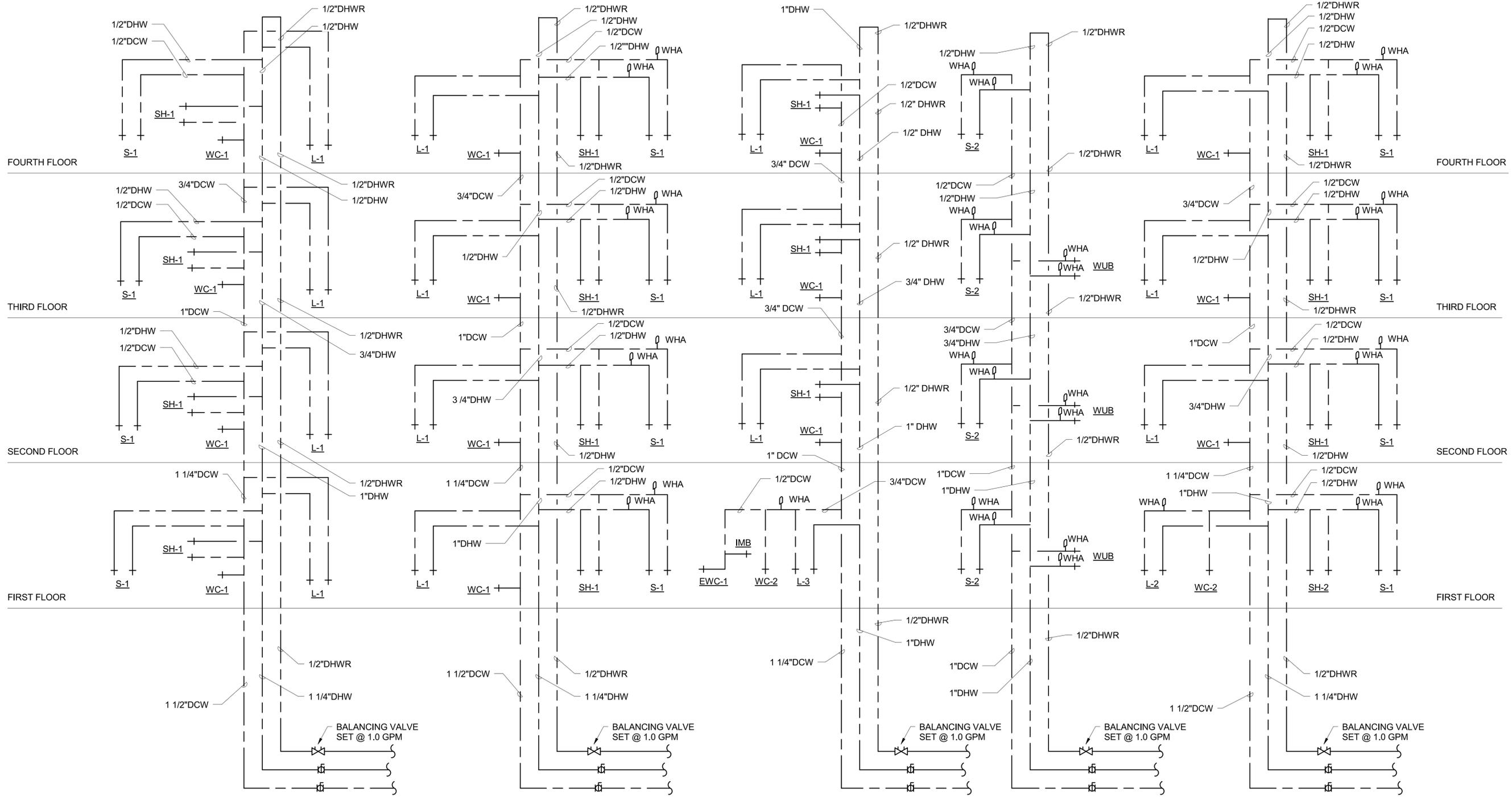
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GENERAL NOTES:

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



SUPPLY RISER W1

SUPPLY RISER W2

SUPPLY RISER W3

SUPPLY RISER W4

SUPPLY RISER W5

SUPPLY RISERS
SCALE: NOT TO SCALE

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REV DATE: 4/29/2016 10:21:52 AM
FILE NAME: C:\Revit\Projects\180232-NGIS\18172\Modals\MFP66232_M_cvsouthall.rvt

DATE	APPROVED
DESCRIPTION	APPROVED
SW	APPROVED
 	
 1305 EXECUTIVE BLVD. SUITE 160 CHESAPEAKE, VA 23320	
APPROVED	AE INFO
FOR COMMANDER NAVFAC/B.L.T.L.	
ACTIVITY	
PER SAT TO DOCUMENT FROM GERARD MONTAN (P) BRANCH HEAD WITH FEED AT NAVAL STATION NEWPORT-NEWPORT, RI	
SATISFACTORY TO DATE	4/29/16
DES	RMB DRW RMB CHK BF
PM / DM	MLWLEJ
BRANCH MANAGER	
CHIEF ENGINEER	DWG
FIRE PROTECTION	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC NORTH IPT NAVAL STATION NEWPORT NEWPORT, RHODE ISLAND RENOVATION OF NGIS, BUILDING 172 PLUMBING SUPPLY RISERS	
SCALE:	AS NOTED
EPROJCT NO.	13770079
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12719511
SHEET	126 OF 200
P-701	
DRAWING REVISION: 10 MAY 2014	

