GENERAL NOTES

1. THE SUBMISSION OF A BID BY THE CONTRACTOR IS NOTIFICATION THAT THE CONTRACTOR HAS TOTALLY FAMILIARIZED HIMSELF WITH THE CONTRACT DOCUMENTS AND EXISTING SITE CONDITIONS AND HAS AGREED TO PROVIDE THE NECESSARY LABOR AND MATERIAL FOR THE COMPLETE INSTALLATION OF EACH SYSTEM IN ACCORDANCE WITH THE UNIFORM FACILITY CRITERIA.

2. THESE DRAWINGS ARE PRESENTED TO THE CONTRACTOR WITH THE UNDERSTANDING THAT THE CONTRACTOR IS AN EXPERT AND COMPETENT IN THE PREPARATION OF CONTRACT BID PRICES ON THE BASIS OF INFORMATION SUCH AS IS CONTAINED IN THESE DOCUMENTS. IT IS THE INTENT OF THE DRAWINGS AND SPECIFICATIONS TO CALL FOR FINISHED WORK, TESTED AND READY FOR OPERATION AND IN COMPLETE CONFORMANCE WITH ALL APPLICABLE CODES, RULES, AND REGULATIONS. INCLUDE MINOR ITEMS NOT USUALLY SHOWN OR SPECIFIED, BUT MANIFESTLY NECESSARY FOR THE INSTALLATION AND OPERATION OF THE VARIOUS SYSTEMS IN THE WORK AND IN THE PROPOSAL THE SAME AS IF SPECIFIED OR SHOWN ON THE DRAWINGS. IF ANY DEPARTURES FROM THE DRAWINGS ARE DEEMED NECESSARY, SUBMIT DETAILS OF SUCH DEPARTURES AND THE REASONS THEREFORE TO THE CONTRACT OFFICER FOR REVIEW.

3. VISIT THE SITE AND VERIFY ALL DIMENSIONS IN THE FIELD, AND ADVISE THE CONTRACTING OFFICER OF ANY DISCREPANCIES.

4. THE DRAWINGS INDICATE ARRANGEMENTS AND APPROXIMATE SIZES AND RELATIVE LOCATIONS OF PRINCIPAL APPARATUS, EQUIPMENT, DEVICES, AND SERVICES TO BE PROVIDED. DRAWINGS ARE DIAGRAMMATIC AND ARE A GRAPHIC REPRESENTATION OF CONTRACT REQUIREMENTS.

5. PROVIDE LABOR TO RECEIVE, UNLOAD, STORE, PROTECT, AND TRANSFER TO POINT OF INSTALLATION FOR ALL FURNISHED ITEMS.

6. RESTORE AND RETURN EXISTING SYSTEMS, DEVICES, FINISHES, ETC. DAMAGED OR ALTERED BY WORK TO PREVIOUS OPERATION. RESTORE AND RECONNECT EXISTING SYSTEMS AND SERVICES THAT ARE TEMPORARILY DISCONNECTED BUT ARE TO REMAIN IN USE.

7. LEGALLY DISPOSE OF EXISTING WORK THAT IS REMOVED. ALL WORK DISPOSED OF BECOMES THE PROPERTY OF THE CONTRACTOR. PROMPTLY REMOVE FROM THE SITE.

8. CONTRACTOR MUST SIMILARLY NOTIFY CONTRACTING OFFICER OF COMPLETION OF ALL WORK, INDICATING THE CONTRACTOR IS READY FOR THE FINAL PUNCHLIST INSPECTION.

9. UPON COMPLETION OF ALL UNFINISHED OR FAULTY WORK NOTED IN FINAL PUNCH LIST, THE CONTRACTOR MUST SUBMIT TO THE CONTRACTING OFFICER IN WRITING A LETTER OF COMPLETION CERTIFYING THAT ALL PUNCH LIST ITEMS HAVE BEEN COMPLETED AND ALL AS-BUILTS, MANUALS, ETC. HAVE BEEN SUBMITTED.

10. THE TERM "PROVIDE" MEANS "FURNISH NEW AND INSTALL".

18. REMOVE BACK TO RISER OR MAIN AND PLUG OR CAP BEHIND FINISHED SURFACES THAT WILL BECOME ABANDONED DUE TO NEW WORK.

19. UNLESS INDICATED OTHERWISE, ABANDONED EXISTING PIPING AND SIMILAR MATERIALS CONCEALED WITHIN FINAL CONSTRUCTION, SUCH AS WITHIN WALLS AND UNDER FLOORS ON GRADE, NEED NOT BE REMOVED, BUT NEED ONLY TO BE SHUTOFF AND PLUGGED BEHIND FINISHED SURFACES, PROVIDED THEY DO NOT INTERFERE WITH THE NEW SYSTEMS, EQUIPMENT, AND BUILDING ARRANGEMENTS.

SYMBOL LIST

— — — —	DEMOLITION WORK
———	EXISTING WORK
———	NEW WORK
	POINT OF CONNECTION NEW-TO-EXISTING
	EXTENT OF DEMOLITION TO-EXISTING WORK TO REMAIN
	BREAK LINE (SINGLE LINE)
	CAP
	P-TRAP

ABBREVIATION

DP	DEEP
ELEV	ELEVATION
INV	INVERT
OP	OPEN
PVC	POLYVINYL CHLORIDE
SQ	SQUARE
SS	SANITARY SEWER
TYP	TYPICAL

SYM	DESCRIPTION	DATE	APPR
1	FINAL SUBMISSION	5/2/2016	

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ROBERT H. GOULD
ENGINEER
PE074254
5/2/2016
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the PROTECTION ENGINEERING GROUP
14585 Avion Parkway, Suite 150 703-488-9995
Chantilly, Virginia 20151 fax: 703-488-9994
www.PEGroup-Inc.com

PENNONI ASSOCIATES INC.
349 Southport Circle, Suite 100
Virginia Beach, Virginia 23452
T 757.497.7472 F 757.497.0250
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ACTIVITY

SATISFACTORY TO

DES	NM	DRW	KM	CHK	RG

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BRANCH MANAGER
CHIEF ENG/ARCH Mark J. Airaghi, PE
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NAS OCEANA – VIRGINIA BEACH, VIRGINIA
NAVAL AIR STATION OCEANA
VIRGINIA BEACH, VIRGINIA

HANGAR 111 FIRE PROTECTION AND STRUCTURAL REPAIRS

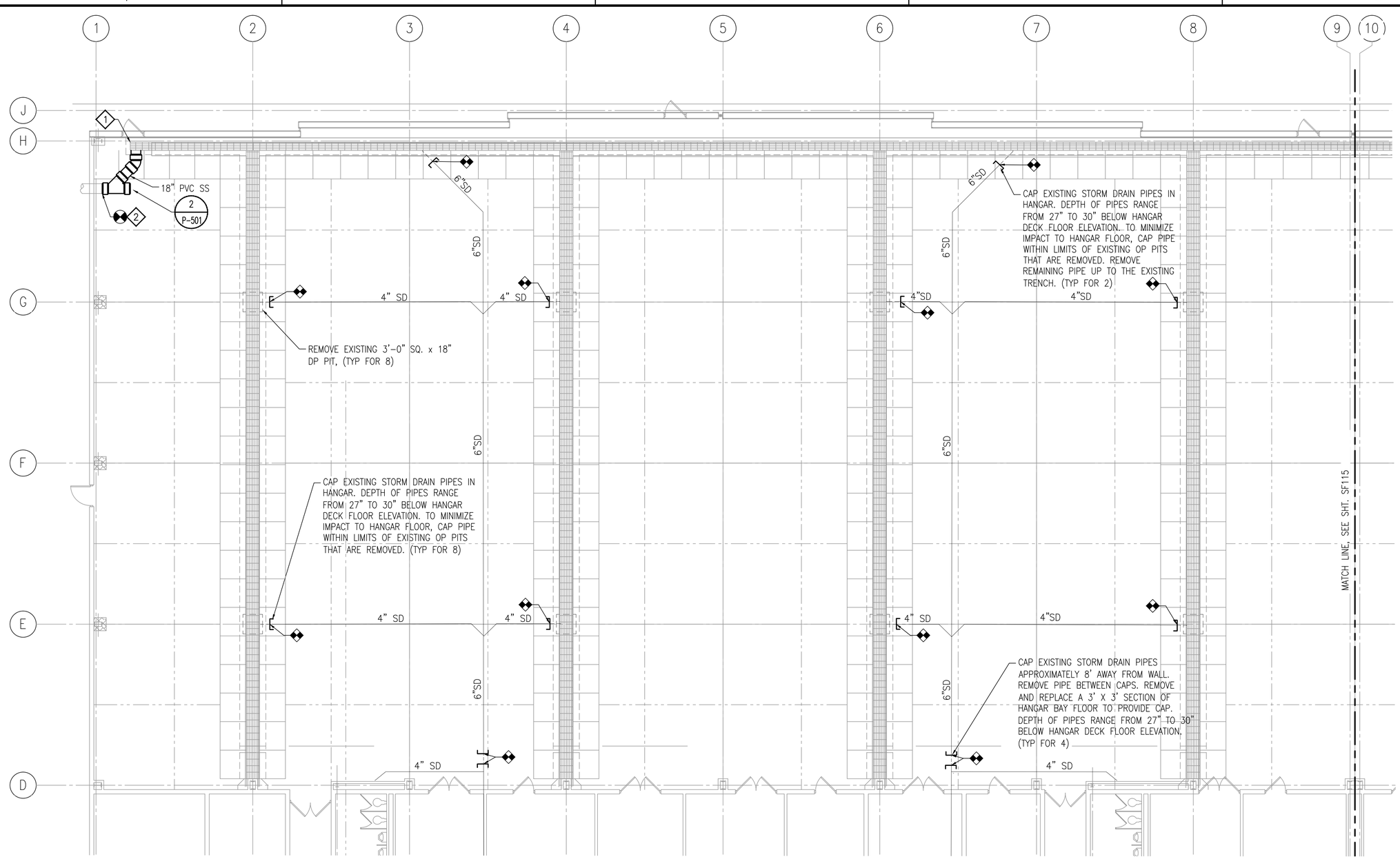
REFERENCE SHEET - PLUMBING

SCALE: NO SCALE
EPROJECT NO.: 1372146
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12716358
SHEET 136 OF 170

P-001

DRAWFORM REVISION: 10 MAY 2014

FILE NAME: C:\Users\NMarcello\appdata\local\temp\AcPublish_15312\GH001501-P001.dwg LAYOUT NAME: P001 PLOTTED: Tuesday, April 26, 2016 - 9:02am USER: nmarcello



1 PARTIAL PLUMBING DEMOLITION PLAN

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

PROJECT NORTH

KEY NOTES

1. PROVIDE 18" PIPE CONNECTION TO SIDE OF PIT IN TRENCH.
2. COORDINATE WITH CIVIL & STRUCTURAL DOCUMENTS, EXTEND PIPE TO SANITARY MANHOLE OUTSIDE OF BUILDING.

NOTE

1. TRACE ALL STORM DRAIN PIPES INSIDE HANGAR TO VERIFY LOCATION OF PIPES BEFORE DEMOLITION OF HANGAR BAY FLOOR AND INSTALLATION OF PIPE CAPS. PIPE NETWORK SHOWN IS BASED ON RECORD DRAWINGS.

CAUTION: IF THIS PLAN IS A REDUCTION, GRAPHIC SCALE MUST BE USED

0 4' 8' 12' 16'

⅛" = 1'-0

KEY PLAN

A	B	C
D	E	F

APPR	DATE	DESCRIPTION	SYM
	5/2/2016	FINAL SUBMISSION	1

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REGISTERED PROFESSIONAL
ROBERT H. GOULD
ENGINEER
PE074254
5/2/2016
SEAL

the PROTECTION ENGINEERING GROUP
14585 Avion Parkway, Suite 150 703-488-9990
Chantilly, Virginia 20151 fax: 703-488-9994
www.PEGroup-Inc.com

PENNONI ASSOCIATES INC.
349 Southport Circle, Suite 100
Virginia Beach, Virginia 23452
T 757.497.7472 F 757.497.0250
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PM/DM KPL/IAS

BRANCH MANAGER

CHIEF ENG/ARCH Mark J. Airaghi, PE

FIRE PROTECTION DPS

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VIRGINIA BEACH, VIRGINIA

HANGAR 111 FIRE PROTECTION AND STRUCTURAL REPAIRS

1ST FLOOR - DEMOLITION PLAN - PLUMBING AREA A

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

EPROJECT NO.: 1372146

CONSTR. CONTR. NO.

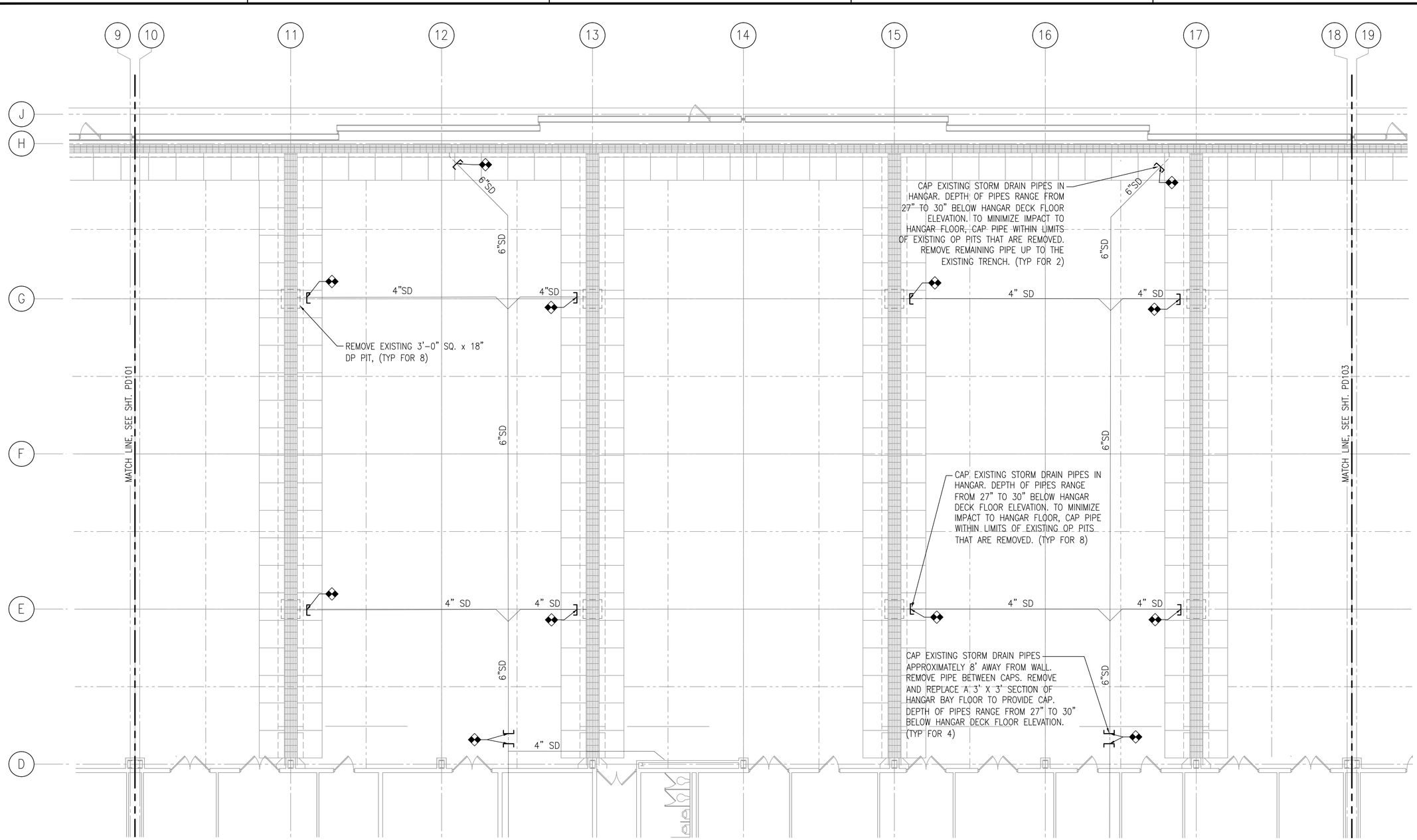
NAVFAC DRAWING NO. 12716359

SHEET 137 OF 170

PD101

DRAWFORM REVISION: 10 MAY 2014

FILE NAME: P:\Projects\GHDG\GHDG1501--NAVFAC Hangar 111\DESIGN\M\GHDG1501--PD101.dwg LAYOUT NAME: PD101 PLOTTED: Tuesday, April 26, 2016 - 9:03am USER: rmorcella



1 PARTIAL PLUMBING DEMOLITION PLAN

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

PROJECT NORTH

NOTE

1. TRACE ALL STORM DRAIN PIPES INSIDE HANGAR TO VERIFY LOCATION OF PIPES BEFORE DEMOLITION OF HANGAR BAY FLOOR AND INSTALLATION OF PIPE CAPS. PIPE NETWORK SHOWN IS BASED ON RECORD DRAWINGS.

CAUTION: IF THIS PLAN IS A REDUCTION, GRAPHIC SCALE MUST BE USED

0 4' 8' 12' 16'

⅛" = 1'-0

KEY PLAN

A	B	C
D	E	F

SYM	DESCRIPTION	DATE	APPR
1	FINAL SUBMISSION	5/2/2016	

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REGISTERED PROFESSIONAL ENGINEER
ROBERT H. GOULD
PE074254
5/2/2016
SEAL

the PROTECTION ENGINEERING GROUP
14585 Avion Parkway, Suite 150 703-488-9995
Chantilly, Virginia 20151 fax: 703-488-9994
www.PEGroup-Inc.com

PENNONI ASSOCIATES INC.
349 Southport Circle, Suite 100
Virginia Beach, Virginia 23452
T 757.497.7472 F 757.497.0250
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DES	NM	DRW	KM	CHK	RD
PM/DM	KPL/IAS				
BRANCH MANAGER	TZH				
CHIEF ENG/ARCH	Mark J. Airaghi, PE				
FIRE PROTECTION	DPS				

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VIRGINIA BEACH, VIRGINIA

HANGAR 111 FIRE PROTECTION AND STRUCTURAL REPAIRS

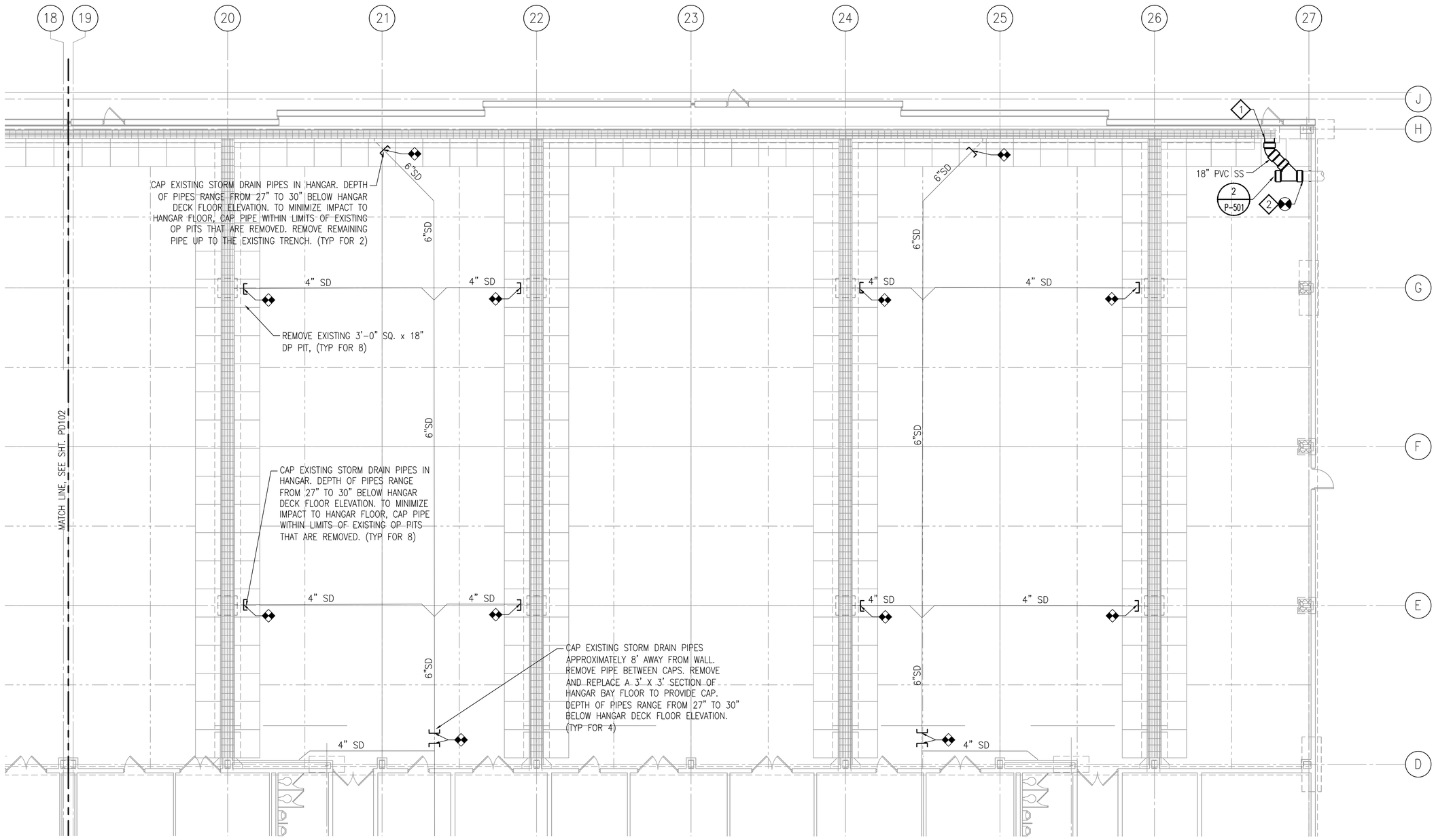
1ST FLOOR - DEMOLITION PLAN - PLUMBING AREA B

SCALE:	1/8" = 1'-0"
EPROJECT NO.:	1372146
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12716360
SHEET	138 OF 170

PD102

DRAWFORM REVISION: 10 MAY 2014

FILE NAME: C:\Users\NMarcella\appdata\local\temp\AcPublish_15312\DHDG1501-PD102.dwg LAYOUT NAME: PD102 PLOTTED: Tuesday, April 26, 2016 - 9:03am USER: nmarcella



KEYNOTES:

1. PROVIDE 18" PIPE CONNECTION TO SIDE OF PIT IN TRENCH.
2. COORDINATE WITH CIVIL & STRUCTURAL DOCUMENTS, EXTEND PIPE TO SANITARY MANHOLE OUTSIDE BUILDING.

1 PARTIAL PLUMBING DEMOLITION PLAN

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

PROJECT NORTH

NOTE

1. TRACE ALL STORM DRAIN PIPES INSIDE HANGAR TO VERIFY LOCATION OF PIPES BEFORE DEMOLITION OF HANGAR BAY FLOOR AND INSTALLATION OF PIPE CAPS. PIPE NETWORK SHOWN IS BASED ON RECORD DRAWINGS.

CAUTION: IF THIS PLAN IS A REDUCTION, GRAPHIC SCALE MUST BE USED

0 4' 8' 12' 16'

⅛" = 1'-0

KEY PLAN

A	B	C
D	E	F

APPR	DATE	DESCRIPTION	SYM
	5/2/2016	FINAL SUBMISSION	1

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REGISTERED PROFESSIONAL
ROBERT H. GOULD
ENGINEER
PE074254
5/2/2016
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the PROTECTION ENGINEERING GROUP
14585 Avion Parkway, Suite 150 703-488-9990
Chantilly, Virginia 20151 fax: 703-488-9994
www.PEGroup-Inc.com

PENNONI ASSOCIATES INC.
349 Southport Circle, Suite 100
Virginia Beach, Virginia 23452
T 757.497.7472 F 757.497.0250
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BRANCH MANAGER 724

CHIEF ENG/ARCH Mark J. Airaghi, PE

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HANGAR 111 FIRE PROTECTION AND STRUCTURAL REPAIRS

1ST FLOOR - DEMOLITION PLAN - PLUMBING AREA C

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

EPROJECT NO.: 1372146

CONSTR. CONTR. NO.

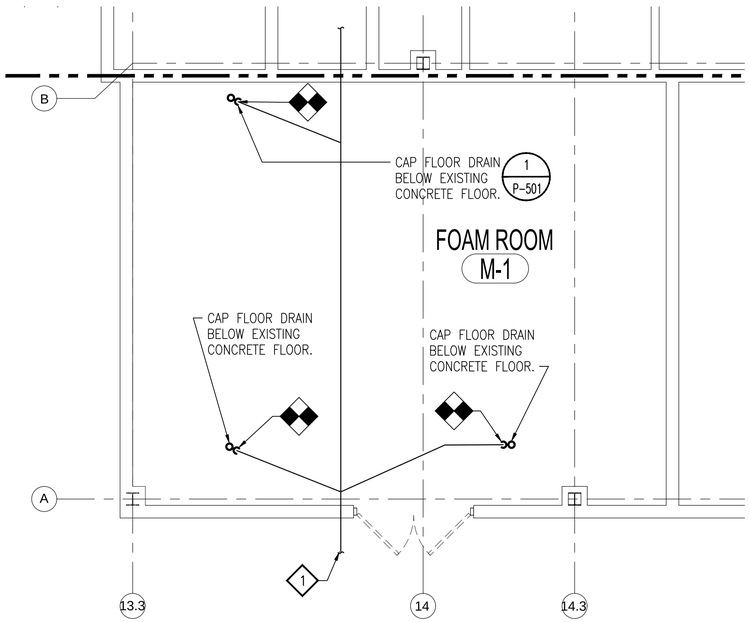
NAVFAC DRAWING NO. 12716361

SHEET 139 OF 170

PD103

DRAWFORM REVISION: 10 MAY 2014

FILE NAME: C:\Users\NMarcelli\ppdata\local\Temp\AcPublish_15312\DWD01501-PD103.dwg LAYOUT NAME: PD103 PLOTTED: Tuesday, April 26, 2016 - 9:03am USER: nmarcelli



FIRST FLOOR AREA E FOAM ROOM DEMOLITION PLAN

B1 SCALE: 1/4" = 1'-0"

PROJECT NORTH

KEY NOTES

1 INCOMING 4" SANITARY LINE. FOR CONTINUATION SEE CIVIL PLANS.

CAUTION: IF THIS PLAN IS A REDUCTION, GRAPHIC SCALE MUST BE USED

0 2' 4' 6' 8'

¼" = 1'-0

KEY PLAN

A	B	C
D	E	F

NO	SYM	DESCRIPTION	DATE	APPR
	1	FINAL SUBMISSION	5/2/2016	

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ROBERT H. GOULD
ENGINEER
PE074254
5/2/2016
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the PROTECTION ENGINEERING GROUP
14585 Avion Parkway, Suite 150 703-488-9995
Chantilly, Virginia 20151 fax: 703-488-9994
www.PEGroup-Inc.com

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349 Southport Circle, Suite 100
Virginia Beach, Virginia 23452
T 757.497.7472 F 757.497.0250
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DES NM | DRW KM | CHK RG

PM/DM KPL/IAS

BRANCH MANAGER

CHIEF ENG/ARCH Mark J. Airaghi, PE

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HANGAR 111 FIRE PROTECTION AND STRUCTURAL REPAIRS

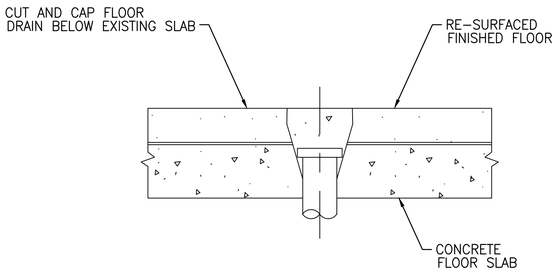
ENLARGED PLAN - 1ST FLOOR - PLUMBING NEW WORK PLAN

SCALE: 1/8" = 1'-0"
EPROJECT NO.: 1372146
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12716362
SHEET 140 OF 170

PD401

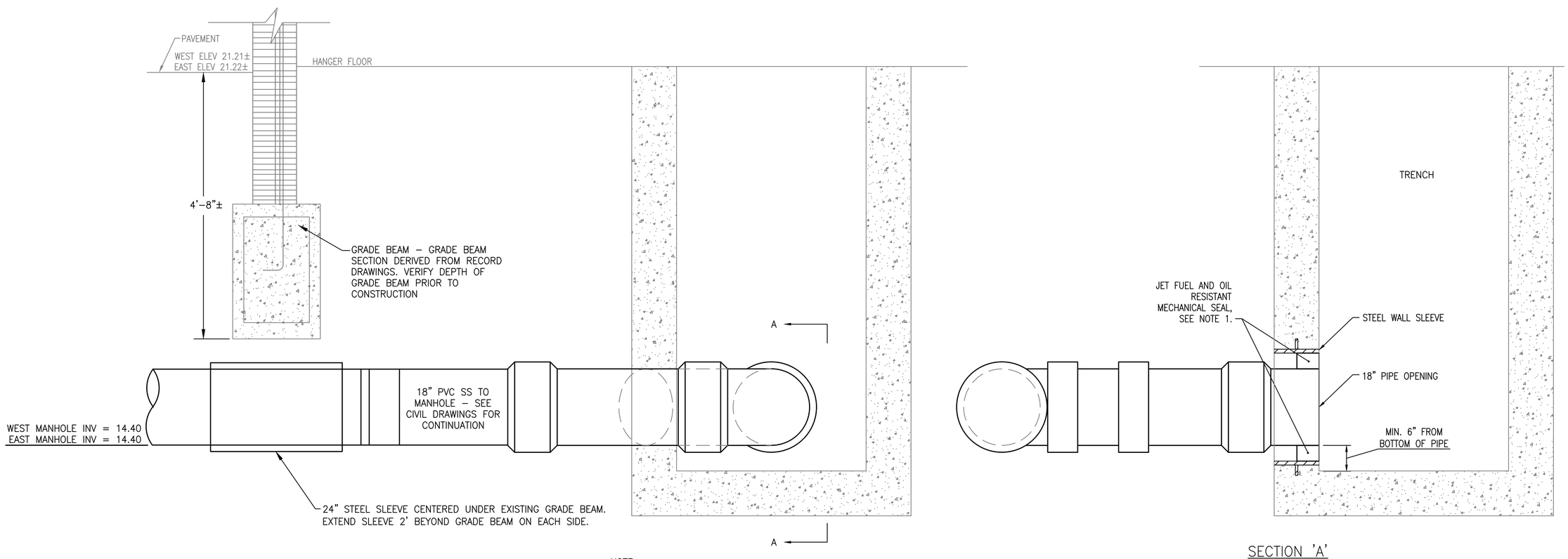
DRAWFORM REVISION: 10 MAY 2014

FILE NAME: C:\Users\NMarcella\appdata\local\temp\AcPublish_15312\GHD01501-PD401.dwg LAYOUT NAME: MD401 PLOTTED: Tuesday, April 26, 2016 - 9:03am USER: nmarcella



1 FLOOR DRAIN CAP DETAIL

N.T.S. PD401



NOTE:
1. PROVIDE FUEL RESISTANT JOINT SEAL PER ASTM D7116.
2. PROVIDE SCHEDULE 40 PVC DWV WITH BELL AND SPIGOT JOINTS.

2 PIPE UNDER GRADE BEAM

N.T.S. PD101–PD103

SYM	DESCRIPTION	DATE	APPR
1	FINAL SUBMISSION	5/2/2016	

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ROBERT H. GOULD
ENGINEER
PE074254
5/2/2016
SEAL

the PROTECTION ENGINEERING GROUP
14585 Avion Parkway, Suite 150 703-488-9990
Chantilly, Virginia 20151 fax: 703-488-9994
www.PEGroup-Inc.com

PENNONI ASSOCIATES INC.
349 Southport Circle, Suite 100
Virginia Beach, Virginia 23452
T 757.497.7472 F 757.497.0250
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FIRE PROTECTION DPS

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HANGAR 111 FIRE PROTECTION AND STRUCTURAL REPAIRS

DETAILS - PLUMBING

SCALE: NO SCALE
EPROJECT NO.: 1372146
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12716363
SHEET 141 OF 170

P-501

DRAWFORM REVISION: 10 MAY 2014

FILE NAME: C:\Users\NMarcella\appdata\local\temp\AcPublish_13888\GHDG1501-P501.dwg LAYOUT NAME: M501 PLOTTED: Tuesday, April 26, 2016 - 3:40pm USER: nmarcella