

# B44 STORM WINDOWS AND SITE UTILITY REPAIRS

FINAL SUBMITTAL  
12/23/15

NAVAL STATION NEWPORT  
NEWPORT, RHODE ISLAND

EPROJECT NO. 1365179



VICINITY MAP



LOCATION MAP



NAVAL STATION  
NEWPORT

PROJECT LOCATION

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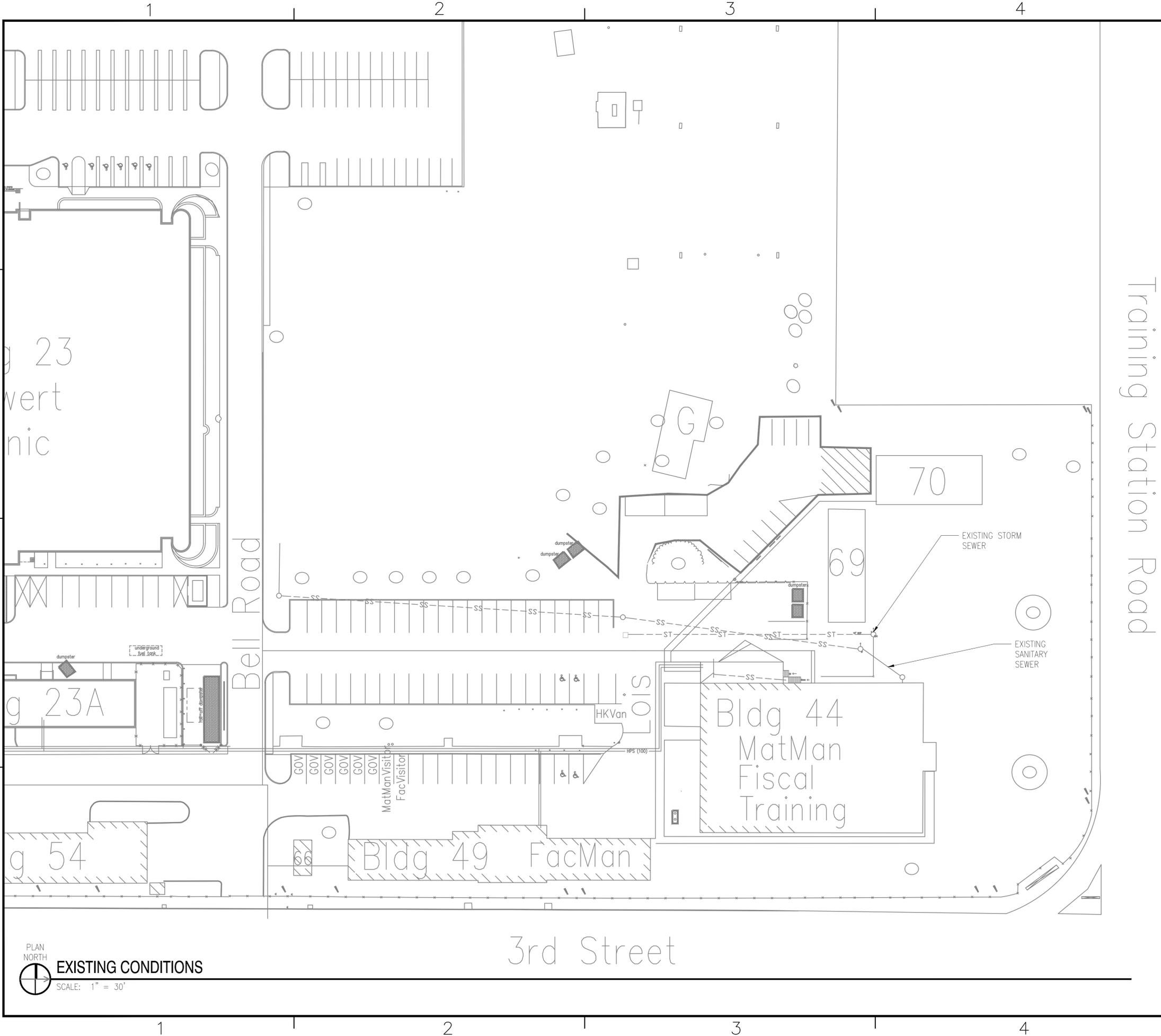
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FILE NAME: C:\Revit\Projects\NAVFAC\_NEW\13651790\Medals\Arch\13651790\_A\_44.dwg

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DATE	APPR
DESCRIPTION	SWM
  	
APPROVED FOR COMMANDER NAVFAC/B.L.T.L. ACTIVITY SATISFACTORY TO DATE DES JMD DRW ABC CHK DWM PM BRANCH MANAGER CHIEF ENGINEER ARCH	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND - MIDLANT NEWPORT, RHODE ISLAND NAVAL STATION NEWPORT <b>B44 STORM WINDOWS AND          SITE UTILITY REPAIRS</b> TITLE SHEET & INDEX OF DRAWINGS	
SCALE: <b>AS NOTED</b> EPROJECT NO. <b>1365179</b> CONSTR. CONTR. NO. <b>N40085-14-D-5527-0005</b> NAVSTA DRAWING NO. <b>43165-399</b> NAVFAC DRAWING NO. <b>12711790</b> SHEET <b>1</b> OF <b>11</b> <b>G-001</b>	

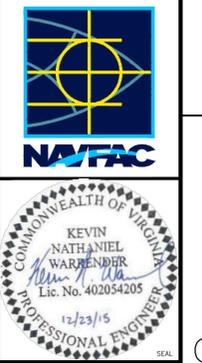
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**GENERAL NOTES**

1. EXISTING BACKGROUND PROVIDED BY NAVFAC. CONTRACTOR TO VERIFY FIELD CONDITIONS PRIOR TO CONSTRUCTION.
2. ALL DIMENSIONS, ELEVATIONS, AND STATIONS ARE IN FEET, UNLESS INDICATED OTHERWISE.
3. CALLOUTS, COORDINATES, AND DIMENSIONS ARE POINTED TO OR MEASURED TO STRUCTURE CENTER, EDGE OF PAVEMENT, BACK OF CURB, OR OUTSIDE FACE OF FOUNDATION WALL, UNLESS INDICATED OTHERWISE.
4. ALL WORK SHALL BE SUBJECT TO INSPECTION BY AUTHORIZED PERSONNEL OF LOCAL AND GOVERNMENT REGULATORY AGENCIES AND THE CONTRACTING OFFICER.
5. ALL WORK SHALL BE CONDUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AND LOCAL AND GOVERNMENT CODES, ORDINANCES, AND REGULATIONS. IN CASE OF CONTRADICTION OR DISCREPANCY BETWEEN REQUIREMENTS, CONTRACTOR SHALL INCORPORATE WHICHEVER IS MOST STRINGENT. WHERE A QUESTION REMAINS ON WHICH REQUIREMENT IS MOST STRINGENT, CONTRACTOR SHALL SUBMIT ISSUE TO THE CONTRACTING OFFICER IN WRITING. THE DECISION OF THE CONTRACTING OFFICER SHALL BE CONSIDERED FINAL.
6. ALL WORK SHALL BE CONDUCTED IN A PROFESSIONAL WORKMANSHIP MANNER USING QUALITY MATERIALS. WORK SHALL CONFORM TO OWNER'S STANDARD SPECIFICATIONS (CURRENT EDITION), UNLESS INDICATED OTHERWISE OR AS DIRECTED BY THE CONTRACTING OFFICER.

APPR.	DATE	DESCRIPTION



**BURNS MEDONNELL**  
 1305 EXECUTIVE BLVD.  
 SUITE 160  
 CHESAPEAKE, VA 23321  
 757-548-2056

APPROVED	DATE
FOR COMMANDER NAVFAC	
ACTIVITY	
SATISFACTORY TO	DATE
DES: <b>KNW</b>	DRW: <b>FP</b>
CHK: <b>LRM</b>	
PM	
BRANCH MANAGER	
CHIEF ENG/ARCH	

DEPARTMENT OF THE NAVY  
 NAVAL FACILITIES ENGINEERING COMMAND  
 NAVAL FACILITIES ENGINEERING COMMAND ~ MIDLANT  
 NEWPORT, RHODE ISLAND  
 NAVAL STATION NEWPORT  
 NEWPORT, RHODE ISLAND  
**B44 STORM WINDOWS AND SITE UTILITY REPAIRS**  
 EXISTING CONDITIONS

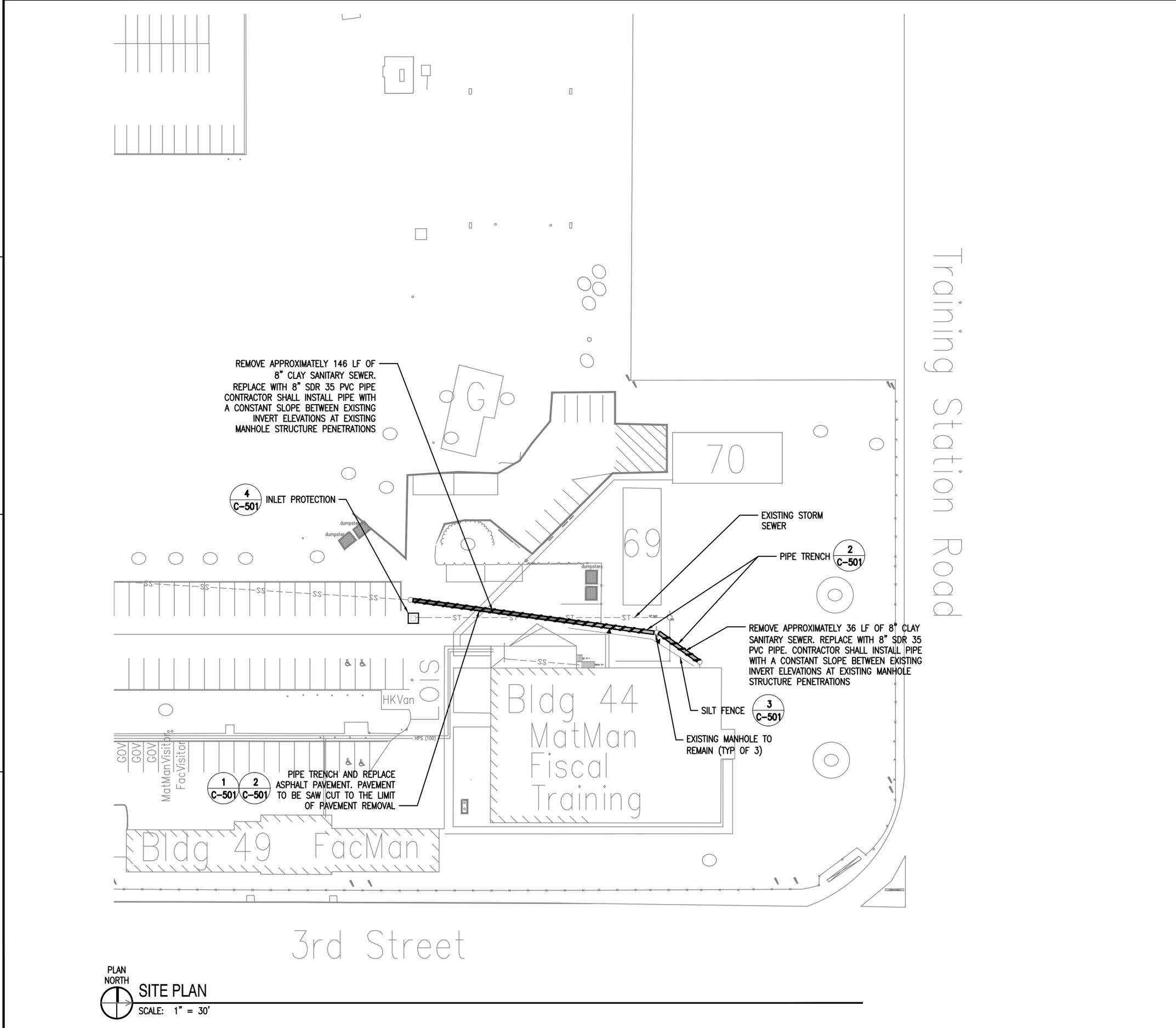
SCALE:	<b>AS NOTED</b>
PROJECT NO.:	<b>1365179</b>
CONSTR. CONTR. NO.	<b>N40085-14-D-5227-0005</b>
NAVSTA DRAWING NO.	<b>43166-399</b>
NAVFAC DRAWING NO.	<b>12711791</b>
SHEET	<b>2</b> OF <b>10</b>
<b>C-001</b>	

**GRAPHIC SCALE:**



PLAN NORTH  
**EXISTING CONDITIONS**  
 SCALE: 1" = 30'

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**GENERAL NOTES**

1. CONTRACTOR TO PROVIDE SURVEY OF MANHOLE LOCATIONS AND INVERTS PRIOR TO INSTALLATION.
2. SURVEY TO BE SUBMITTED FOR REVIEW PRIOR TO PROCEEDING WITH DEMOLITION.
3. CONTRACTOR TO PROVIDE PRIVATE UTILITY MARKOUT OF SURVEYED AREA.
4. CONTRACTOR TO CONTACT DIG SAFE 72 HOURS PRIOR TO CONSTRUCTION.
5. PROVIDE MINIMUM 48 HOURS OF NOTICE BEFORE PROCEEDING WITH DEMOLITION.
6. RE-USE EXISTING PENETRATIONS IN MANHOLES. PROVIDE NEW FLEXIBLE WATER TIGHT CONNECTIONS FOR NEW PIPE.
7. INSTALL NEW PIPE AT CONSTANT SLOPE.
8. WORK MUST BE COMPLETE WITHIN 24 HOURS OF START OF CONSTRUCTION OR BYPASS PUMPING OF EXISTING SANITARY LINE SHALL BE PROVIDED BY CONTRACTOR AT NO ADDITIONAL COST TO THE GOVERNMENT THROUGHOUT CONSTRUCTION.
9. EXCAVATE SOIL MATERIALS AS INDICATED AND IN COMPLIANCE WITH THE SOIL MANAGEMENT PLAN IN THE DIVISION I SPECIFICATIONS. EXISTING SOIL MATERIALS CONTAIN ARSENIC. COORDINATE EXCAVATED SOIL STORAGE LOCATION WITH NAVFAC TO ALLOW FOR TESTING PRIOR TO DISPOSING MATERIAL OFF SITE.

**EROSION AND SEDIMENT CONTROL NOTES**

- BEST MANAGEMENT PRACTICES**
1. ALL EARTH DISTURBANCE AND EXCAVATION OPERATIONS SHALL BE IN ACCORDANCE WITH NAVAL STATION NEWPORT'S SOIL MANAGEMENT PLAN (SMP).
  2. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE UTILIZED IN ACCORDANCE WITH THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK.
  3. SOIL EROSION AND SEDIMENT CONTROLS ARE MEASURES USED TO REDUCE THE AMOUNT OF SOIL PARTICLES THAT ARE CARRIED OFF AN AREA AND DEPOSITED INTO A DRAINAGE COLLECTION SYSTEM OR INTO A BODY OF WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT EROSION AND SEDIMENTATION ARE CONTROLLED TO THE EXTENT PRACTICABLE. ALL APPLICABLE SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED AND MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION ACTIVITIES. PRIOR TO INITIATING CONSTRUCTION IN AN AREA, ALL TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE. UPON PROJECT COMPLETION ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED.
  4. TEMPORARY EROSION CONTROL SHALL BE THE CONTRACTOR'S RESPONSIBILITY, WHO SHALL UTILIZE APPROPRIATE BEST MANAGEMENT PRACTICES (BMPs). THOSE BMPs SHALL CONSIST OF SILT FENCE, INLET PROTECTION OR OTHER MEANS TO CONTROL EROSION AS NEEDED.
  5. CONTRACTOR SHALL PLACE SILT FENCE AS SHOWN PRIOR TO BEGINNING WORK. THE DEVICES SHALL BE PLACED DOWN-SLOPE OF DISTURBED AREAS WHERE SHEET EROSION WOULD OCCUR. SILT FENCE SHALL BE CLEANED AND REPAIRED WHEN SEDIMENT BUILDUP REACHES ONE-THIRD OF SILT FENCE HEIGHT. AFTER SIGNIFICANT RUNOFF EVENTS, THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL STRUCTURES FOR SILT BUILD-UP THAT INTERFERES WITH THE PERFORMANCE OF THE EROSION CONTROL STRUCTURE AND REPAIR OR REPLACE THOSE STRUCTURES, AS NECESSARY.
  6. ALL STORM DRAIN INLETS SHALL BE PROTECTED BY INLET PROTECTION DURING CONSTRUCTION, UNTIL ALL SOURCES WITH POTENTIAL FOR DISCHARGE TO THE INLETS HAVE BEEN STABILIZED.
  7. ALL EXISTING DRAIN INLETS SHALL HAVE INLET PROTECTION INSTALLED IN ACCORDANCE WITH DETAIL 2. EROSION PROTECTION MAY BE REMOVED WHEN VEGETATION IS ESTABLISHED.
  8. CONTRACTOR SHALL COORDINATE WITH CONTRACTING OFFICER FOR LOCATION AND DURATION OF TEMPORARY STOCKPILE FOR EXCAVATED SOILS.
- FINAL GRADING AND CLEAN UP**
- AFTER COMPLETION OF FINAL GRADING, THE DISTURBED AREAS SHALL BE REVEGETATED. ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES SHALL BE REMOVED UPON PROJECT COMPLETION. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS RESULTING FROM THE DISPOSITION OF TEMPORARY CONTROL MEASURES SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION AND SEDIMENTATION

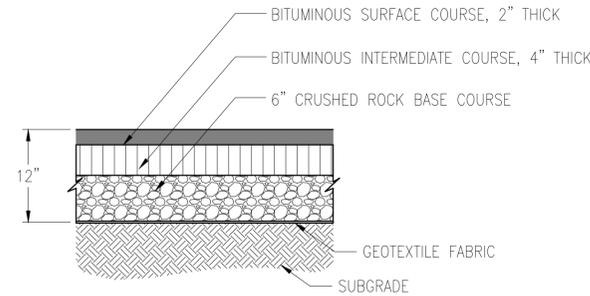
**GRAPHIC SCALE:**



**SITE PLAN**

SCALE: 1" = 30'

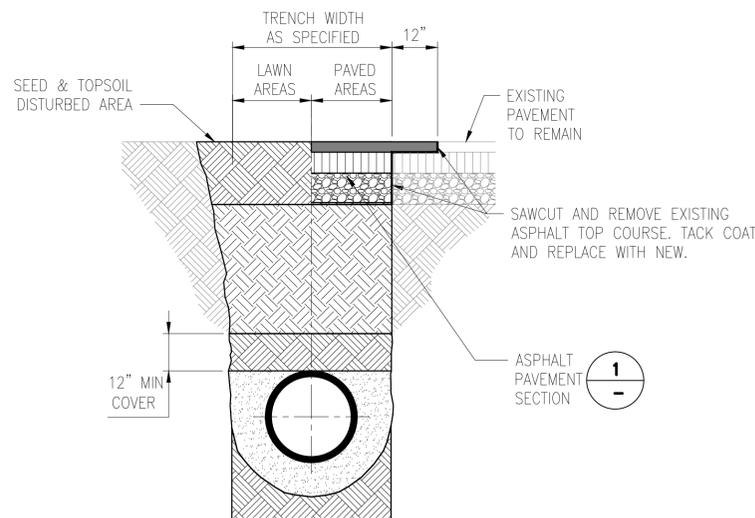
APPR.	DATE
SYN.	DESCRIPTION
<p>1306 EXECUTIVE BLVD. SUITE 160 CHESAPEAKE, VA 23321 757-548-2056</p>	
APPROVED	DATE
FOR COMMANDER NAVFAC	
ACTIVITY	
SATISFACTORY TO	DATE
DES: <b>KNW</b>	DRW: <b>FP</b>
CHK: <b>LRM</b>	
PM	
BRANCH MANAGER	
CHIEF ENGINEER/ARCH	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND ~ MIDLAND NEWPORT, RHODE ISLAND NAVAL STATION NEWPORT NEWPORT, RHODE ISLAND <b>B44 STORM WINDOWS AND SITE UTILITY REPAIRS</b> SITE PLAN	
SCALE:	<b>AS NOTED</b>
PROJECT NO.:	<b>1365179</b>
CONSTR. CONTR. NO.:	<b>N40085-14-D-5227-0005</b>
NAVSTA DRAWING NO.:	<b>43167-399</b>
NAVFAC DRAWING NO.:	<b>12711792</b>
SHEET	<b>3 OF 10</b>
<b>C-101</b>	
DRAWN FOR REVISION: 10 MAY 2014	



NOTES:

1. PROVIDE TACK COAT BETWEEN BITUMINOUS ASPHALT PAVEMENT COURSES, AS WELL AS BITUMINOUS LIFTS WHILE BEING PLACED.
2. PROVIDE PRIME COAT BETWEEN BITUMINOUS ASPHALT PAVEMENT AND CRUSHED ROCK BASE COURSE.
3. PROVIDE GEOTEXTILE FABRIC BETWEEN STONE BASE AND SUBGRADE. FABRIC SHALL BE MIRAFI 500X OR APPROVED EQUAL.
4. PAVEMENT CONSTRUCTION AND MATERIALS SHALL COMPLY WITH THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION - LATEST EDITION."

**ASPHALT PAVEMENT SECTION**  
NOT TO SCALE C-101 1



NOTES:

1. TRENCH TERMINOLOGY:

**BEDDING:** SUPPORTIVE, COMPACTED MATERIAL TO PROVIDE EVEN SUPPORT FOR THE PIPE. BOTTOM OF TRENCH AND BEDDING MATERIAL SHALL PROVIDE UNIFORM LONGITUDINAL SUPPORT FOR BOTTOM SECTION OF PIPE.

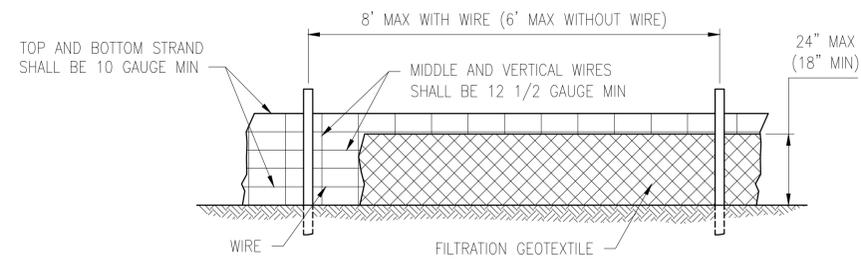
**HAUNCHING:** EXTENDS FROM THE BOTTOM OF THE PIPE TO THE CENTERLINE OF THE PIPE TO PROVIDE THE MOST RESISTANCE TO PIPE DEFLECTION. MATERIAL SHALL BE FREE OF ROCKS AND BE PLACED BY HAND.

**INITIAL BACKFILL:** EXTENDS FROM THE SPRINGLINE TO A POINT ABOVE THE TOP OF THE PIPE TO PROVIDE SOME PIPE SUPPORT AND HELPS TO PREVENT DAMAGE TO THE PIPE DURING PLACEMENT OF THE FINAL BACKFILL. THE COVER EXTENDS FROM THE TOP OF THE PIPE TO THE TOP OF THE INITIAL BACKFILL.

**FINAL BACKFILL:** THIS ZONE EXTENDS FROM THE TOP OF THE INITIAL BACKFILL TO THE TOP OF THE TRENCH. FINAL BACKFILL UNDER PAVEMENTS MAY BE SUBJECT TO ADDITIONAL COMPACTION REQUIREMENTS AND TESTING.

BURIED WARNING AND IDENTIFICATION TAPE SHALL BE PROVIDED IN ACCORDANCE WITH SPECIFICATIONS.

**PIPE TRENCH DETAIL**  
SCALE: NO SCALE C-101 2



NOTES:

1. USE WIRE A MINIMUM OF 32" IN WIDTH AND WITH A MINIMUM OF 6 LINE WIRES WITH 12" STAY SPACING.
2. USE FILTRATION GEOTEXTILE A MINIMUM OF 36" IN WIDTH AND FASTEN ADEQUATELY TO THE WIRE AS DIRECTED.
3. FOR MECHANICAL SLICING METHOD INSTALLATION, GEOTEXTILE SHALL BE A MAXIMUM OF 18" ABOVE GROUND SURFACE.

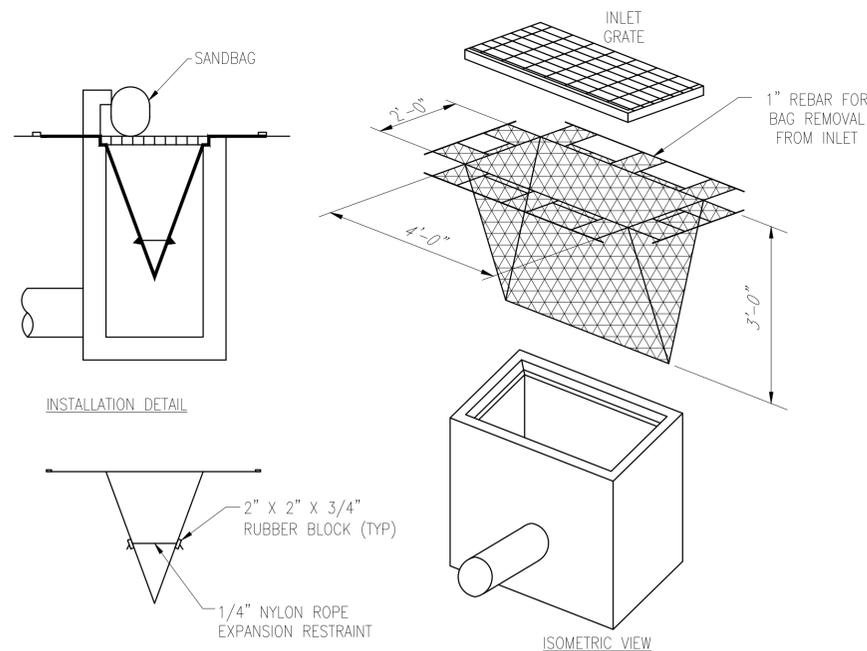
SPECIFICATIONS:

POSTS: STEEL WEIGHING MIN 1LB/LF, EITHER "T" OR "U" TYPE OR 3" HARDWOOD.

FENCE: WOVEN WIRE MIN 14 GA, 6" MAX. MESH OPENING. MIDDLE AND VERTICAL WIRES MIN. 12 1/2 GA

FILTER CLOTH: GRAB TENSILE STRENGTH (ASTM D1682) - 90 LBS MIN  
ELONGATION AT FAILURE (ASTM D1682) - 50% MIN  
MULLEN BURST STRENGTH (ASTM D3786) - 190 PSI MIN  
PUNCTURE STRENGTH (ASTM D751, MOD) - 40 LBS MIN  
SLURRY FLOW RATE - 0.3 GAL/MIN/SF MIN  
EQUIVALENT OPENING SIZE (US STD SIEVE) - 40-80 MIN  
ULTRAVIOLET RADIATION STABILITY (ASTM G-26) - 90% MIN

**SILT FENCE**  
SCALE: NO SCALE C-101 3



NOTES:

1. INSTALL MANUFACTURED INLET FILTER DEVICES IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.
2. INSPECT AFTER EACH RAIN EVENT.
3. INSPECT EXTERNAL DEVICES FOR DAMAGE AND CLEAN AS NECESSARY.
4. LIFT INTERNAL INLET FILTERS CAREFULLY FROM THE DRAINAGE STRUCTURE. REMOVE ANY ACCUMULATED SEDIMENT AND REINSERT DEVICE INTO THE DRAIN OPENING.
5. REMOVE ALL ACCUMULATED SEDIMENT AND DISPOSE OF PROPERLY.

**INLET PROTECTION**  
SCALE: NO SCALE C-101 4

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FILE NAME: I:\NAVFAC\31390\code\c101\31390-C-501.dwg LAYOUT NAME: C-501 PLOTTED: Monday, December 21, 2015 - 11:08am USER: fposser

DATE	APPR
DESCRIPTION	SPN



**BURNS MEDONNELL**  
1306 EXECUTIVE BLVD.  
SUITE 160  
CHESAPEAKE, VA 23321  
757-548-2056

APPROVED	DATE
FOR COMMANDER NAVFAC	
ACTIVITY	
SATISFACTORY TO	DATE
DES: <b>KNW</b>	DRW: <b>FP</b>
CHK: <b>LRM</b>	
PM	
BRANCH MANAGER	
CHIEF ENG/ARCH	

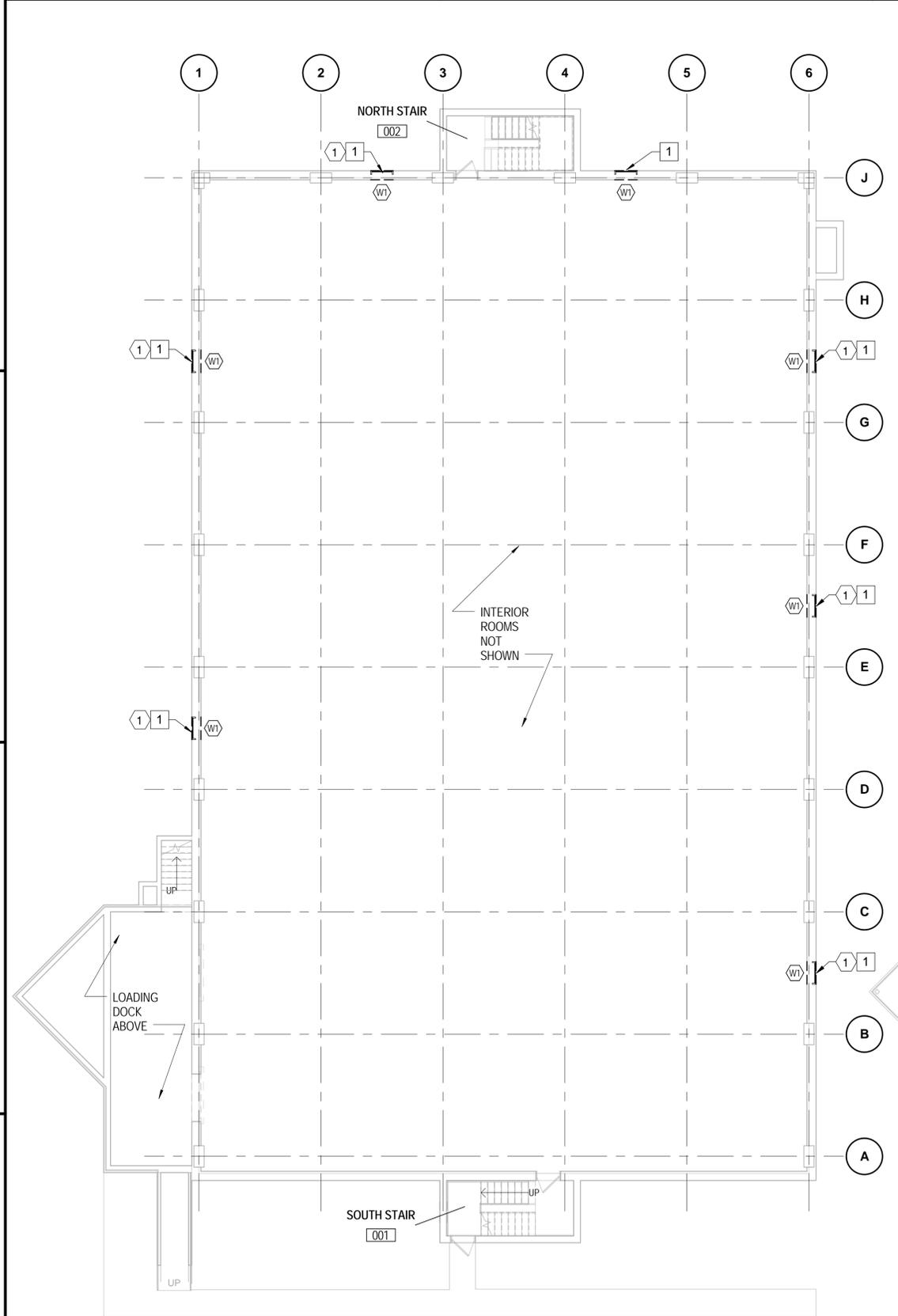
DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING COMMAND  
NAVAL FACILITIES ENGINEERING COMMAND - MIDLANT  
NEWPORT, RHODE ISLAND  
NAVAL STATION NEWPORT  
NEWPORT, RHODE ISLAND  
**B44 STORM WINDOWS AND SITE UTILITY REPAIRS**  
DETAILS

SCALE:	AS NOTED
PROJECT NO.:	1365179
CONSTR. CONTR. NO.:	N40085-14-D-5227-0005
NAVFAC DRAWING NO.:	43168-399
NAVFAC DRAWING NO.:	12711793
SHEET	4 OF 10
<b>C-501</b>	

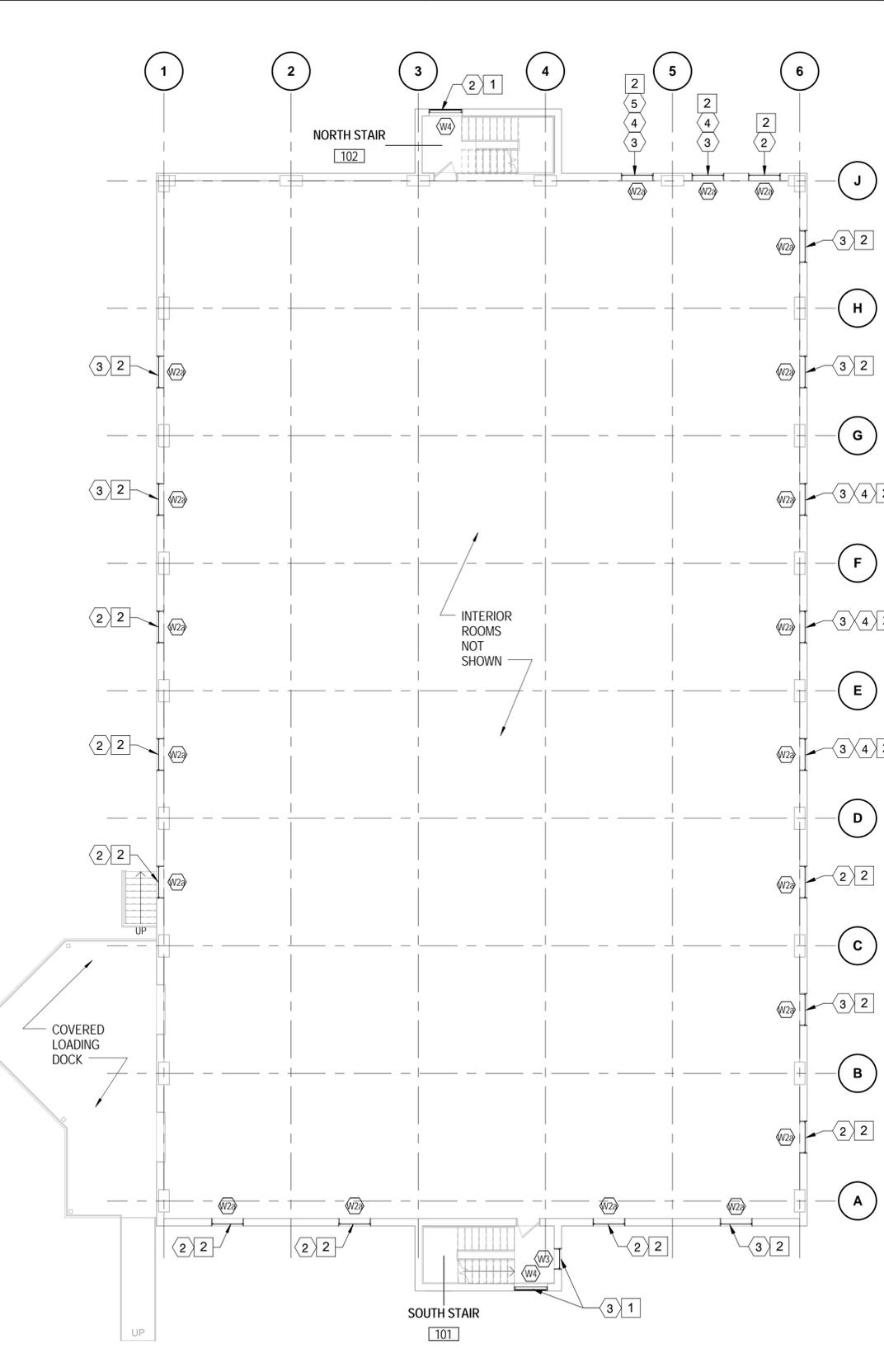




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PLAN NORTH  
**BASEMENT**  
SCALE: 3/32" = 1'-0"



PLAN NORTH  
**LEVEL 1**  
SCALE: 3/32" = 1'-0"

**GENERAL NOTES:**

- FOR ARCHITECTURAL GENERAL NOTES, MATERIAL LEGEND AND ABBREVIATIONS REFER TO SHEET A-001.
- CONTRACTOR TO REMOVE AND DISPOSE OF ALL EXISTING WINDOW SCREENS.
- PATCH HOLES IN EXTERIOR EIFS FACED WALL PER MANUF. RECOMMENDATIONS. PATCH TO MATCH ADJACENT TEXTURE & COLOR.
- STORM WINDOW SUPPORT FRAME AND ATTACHMENT METHOD IS TO BE DESIGNED, PROVIDED AND INSTALLED BY THE STORM WINDOW CONTRACTOR AS REQUIRED TO MEET WIND LOAD PRESSURES AS NOTED ON A-103.
- PROVIDE TEST HOLE AT OPERABLE STORM WINDOW HEAD AND JAMB CONNECTION TO EXISTING CONSTRUCTION FOR REQUIRED DEPTH.

**(X) DEMO WORK NOTES**

- REMOVE FULL COVERAGE, WINDOW MOUNTED SECURITY GRILL - SEE EXISTING CONDITIONS PHOTO 3 / A-103.
- REMOVE FULL COVERAGE EXTERIOR WALL-MOUNTED SECURITY GRILL - SEE EXISTING CONDITIONS PHOTO 2 / A-103.
- REMOVE HALF HEIGHT EXTERIOR WALL-MOUNTED SECURITY GRILL - SEE EXISTING CONDITIONS PHOTO 1 / A-103.
- REMOVE (2) EXISTING WALL PENETRATIONS LOCATED APPROXIMATELY 1'-0" BELOW WINDOW.
- REMOVE WINDOW MOUNTED BRACKETS (2) AS WELL AS (4) EXISTING WALL PENETRATIONS.

**(X) NEW WORK NOTES**

- INSTALL NON-OPERABLE EXTERIOR ALUMINUM STORM WINDOWS.
- INSTALL SINGLE HUNG EXTERIOR ALUMINUM STORM WINDOWS.



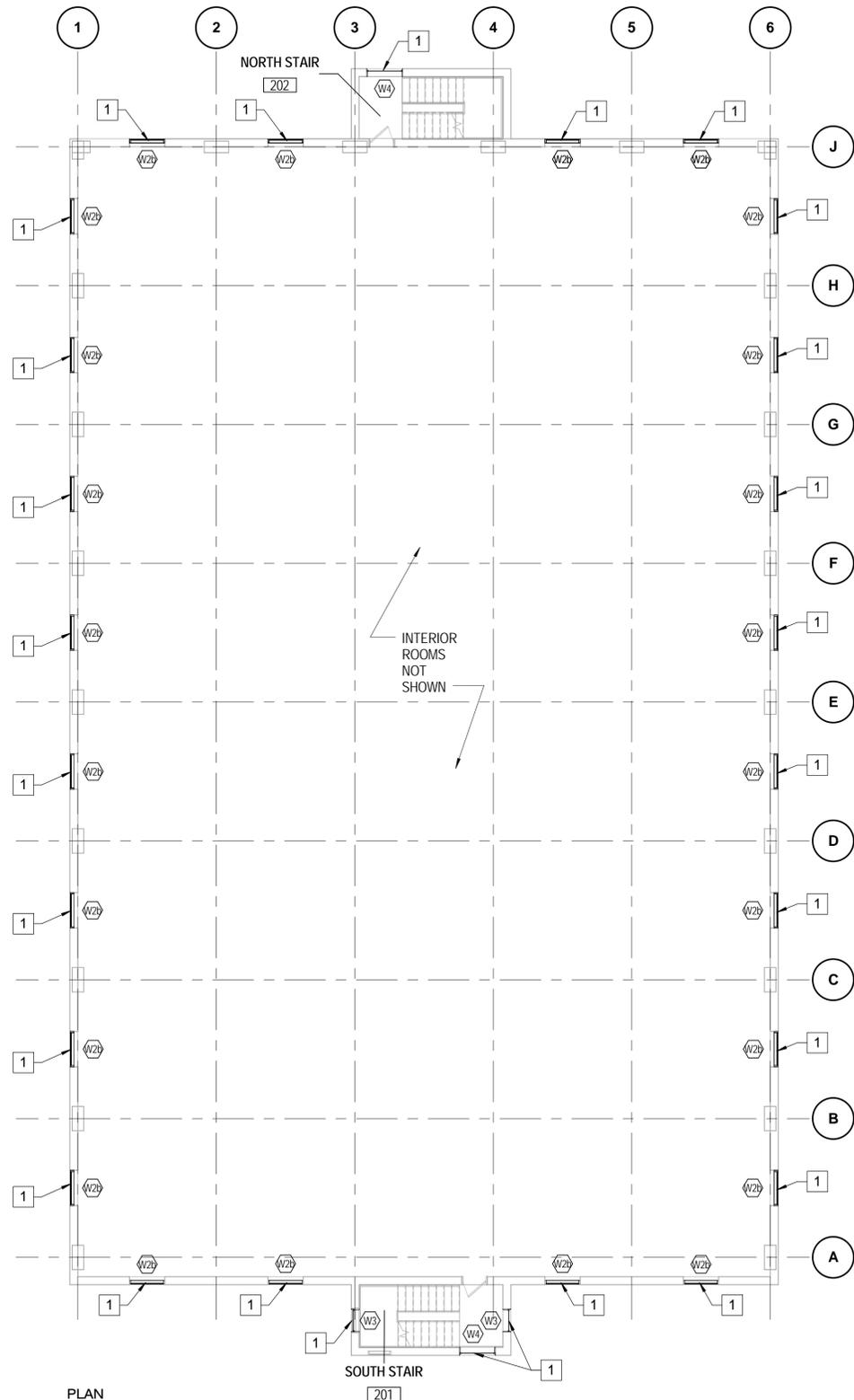
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SCALE: AS NOTED	
PROJECT NO. 1365179	
CONSTR. CONTR. NO. N40085-14-D-5527-0005	
NAVSTA DRAWING NO. 43171-399	
NAVFAC DRAWING NO. 12711796	
SHEET 7 OF 11	
<b>A-101</b>	

GENERAL NOTES:

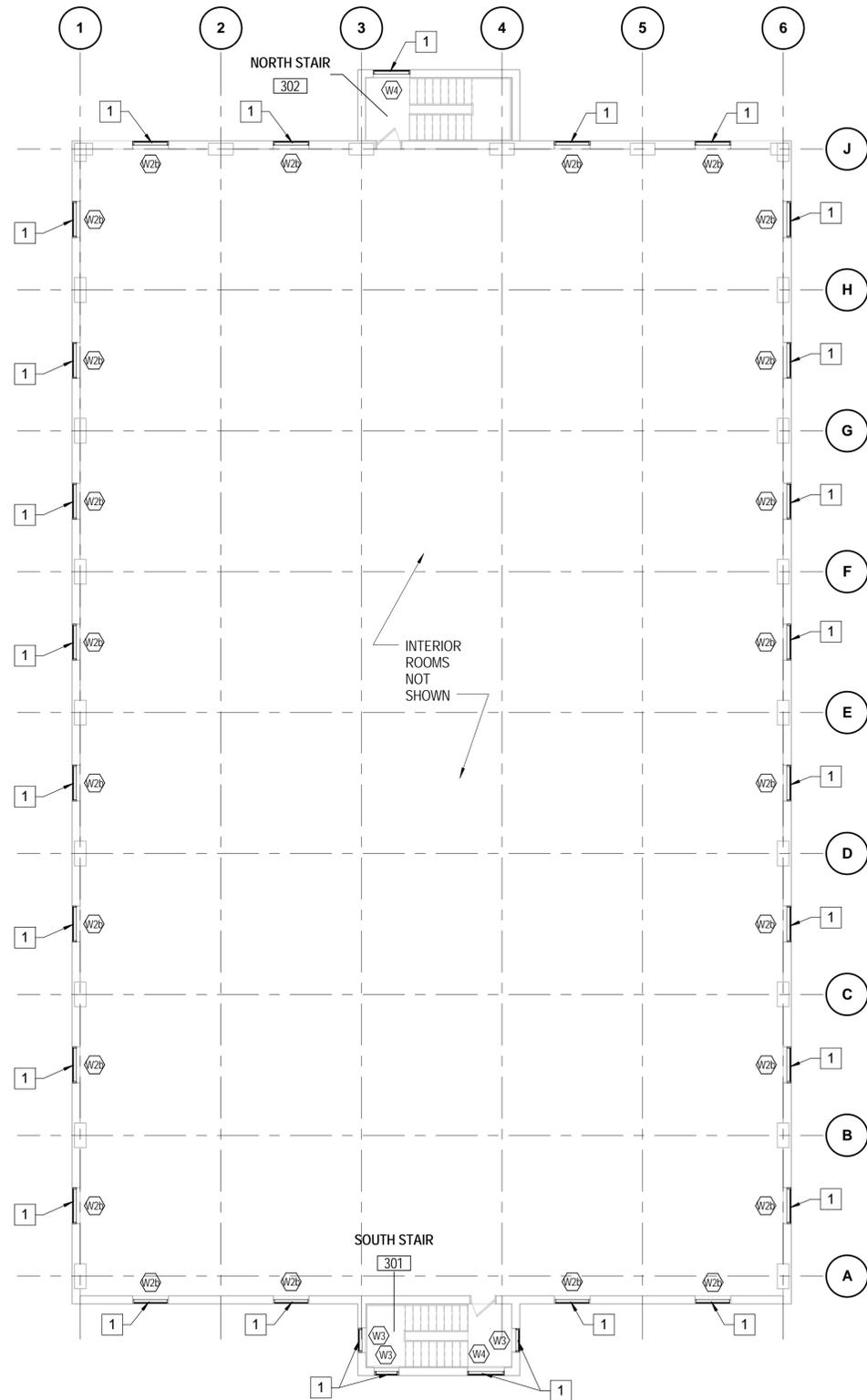
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X NEW WORK NOTES

- INSTALL NON-OPERABLE EXTERIOR ALUMINUM STORM WINDOWS.



PLAN NORTH  
**LEVEL 2**  
 SCALE: 3/32" = 1'-0"



PLAN NORTH  
**LEVEL 3**  
 SCALE: 3/32" = 1'-0"

GRAPHIC SCALE:



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FILE NAME: C:\Revit\Projects\NAVFAC\_NEW\1390Model\Arch\1390\_A\_44\_pptproject.rvt



**BURNS MEDONNELL**  
 1305 EXECUTIVE BLVD.  
 SUITE 160  
 CHESAPEAKE, VA 23321  
 757-548-2056

APPROVED
FOR COMMANDER NAVFAC/B.L.T.L.
ACTIVITY
SATISFACTORY TO DATE
DES JMD DRW ABC CHK DWM
PM
BRANCH MANAGER
CHIEF ENGINEER

DEPARTMENT OF THE NAVY  
 NAVAL FACILITIES ENGINEERING COMMAND  
 NAVAL FACILITIES ENGINEERING COMMAND - MIDLANT  
 NEWPORT, RHODE ISLAND  
 NAVAL STATION NEWPORT  
 NEWPORT, RHODE ISLAND  
**B44 STORM WINDOWS AND  
 SITE UTILITY REPAIRS**  
 FLOOR PLANS - LEVEL 2 AND LEVEL 3

SCALE:	AS NOTED
PROJECT NO.	1365179
CONSTR. CONTR. NO.	N40085-14-D-5527-0005
NAVSTA DRAWING NO.	43172-399
NAVFAC DRAWING NO.	12711797
SHEET	8 OF 11
<b>A-102</b>	



**1** EXISTING CONDITIONS WINDOW (1ST FLR) PHOTO



**2** EXISTING CONDITIONS WINDOW (1ST FLR) PHOTO



**3** EXISTING CONDITIONS WINDOW (BASEMENT) PHOTO

**GENERAL NOTES:**

- FOR ARCHITECTURAL GENERAL NOTES, MATERIAL LEGEND AND ABBREVIATIONS REFER TO SHEET A-001.
- CONTRACTOR TO REMOVE AND DISPOSE OF ALL EXISTING WINDOW SCREENS.
- PATCH HOLES IN EXTERIOR EIFS FACED WALL PER MANUF RECOMMENDATIONS. PATCH TO MATCH ADJACENT TEXTURE & COLOR.
- STORM WINDOW SUPPORT FRAME AND ATTACHMENT METHOD IS TO BE DESIGNED, PROVIDED AND INSTALLED BY THE STORM WINDOW CONTRACTOR AS REQUIRED TO MEET WIND LOAD PRESSURES AS NOTED ON A-103.
- PROVIDE TEST HOLE AT OPERABLE STORM WINDOW HEAD AND JAMB CONNECTION TO EXISTING CONSTRUCTION FOR REQUIRED DEPTH.

**(X) DEMO NOTES:**

- REMOVE WINDOW EXTERIOR WALL-MOUNTED SECURITY GRILL, COMPLETE.
- REMOVE WINDOW MOUNTED SECURITY GRILL, COMPLETE.
- PATCH 1/2" DIAM PUNCTURE HOLES IN EXTERIOR EIFS FACED WALL TO MATCH ADJACENT TEXTURE AND COLOR PER MANUF RECOMMENDED METHOD. EST 75 HOLES.
- REMOVE BRACKETS AND RETURN TO CONTRACTING OFFICER.
- REMOVE BRACKETS AND PATCH HOLES IN EXTERIOR EIFS FACED WALL TO MATCH ADJACENT TEXTURE AND COLOR.

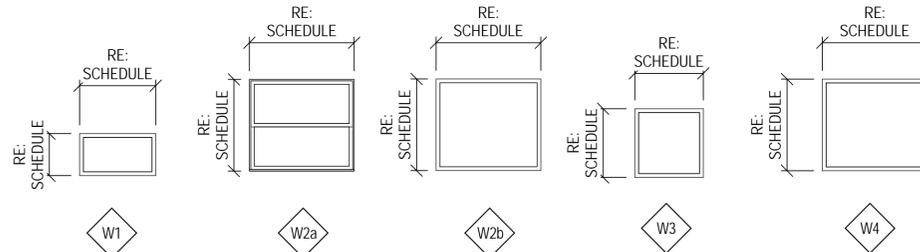
WINDOW SCHEDULE								
QUANTITY	TYPE	SIZE		MATERIAL	DETAIL			REMARKS
		WIDTH	HEIGHT		HEAD	JAMB	SILL	
7	W1	3' - 4"	1' - 10"	ALUM	C3/A-104	A4/A-104	C3/A-104	
20	W2a	4' - 7"	4' - 0"	ALUM	C2/A-104	A2&A3/A-104	C2/A-104	1, 2
72	W2b	4' - 7"	4' - 0"	ALUM	C3/A-104	A4/A-104	C3/A-104	
8	W3	3' - 0"	3' - 0"	ALUM	C3/A-104	A4/A-104	C3/A-104	
6	W4	4' - 8 1/2"	3' - 11 1/2"	ALUM	C3/A-104	A4/A-104	C3/A-104	

**GENERAL:**

- ALL WINDOW SIZES SHALL BE FIELD VERIFIED.
- GLAZING TO BE 1/4" THICK TINTED LAMINATED, U.O.N.
- STORM WINDOWS (INCLUDING GLAZING AND ATTACHMENT) SHALL MEET WIND PRESSURES OF +/- 52.4 PSF PER ASCE 7-10. STORM WINDOWS LOCATED WITHIN 9.2' OF BUILDING CORNERS (INCLUDING AT STAIRWELLS) ARE REQUIRED TO MEET A WIND PRESSURE OF -96 PSF.

**REMARKS:**

- W2 WINDOWS AT FIRST FLOOR TO BE SINGLE HUNG.
- GLAZING TO BE 1/8" THICK TINTED TEMPERED.



**WINDOW TYPES**

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

NOTE: SEE WINDOW SCHEDULE FOR GLAZING TYPES

**GRAPHIC SCALE:**



DATE	DESCRIPTION	BY	APPR



**BURNS MEDONNELL**  
1305 EXECUTIVE BLVD.  
SUITE 160  
CHESAPEAKE, VA 23321  
757-548-2056

APPROVED	AE INFO
FOR COMMANDER NAVFAC/B.L.T.L.	
ACTIVITY	
SATISFACTORY TO DATE	
DES	JMD
DRW	ABC
CHK	DWM
PM	
BRANCH MANAGER	
CHIEF ENGINEER	

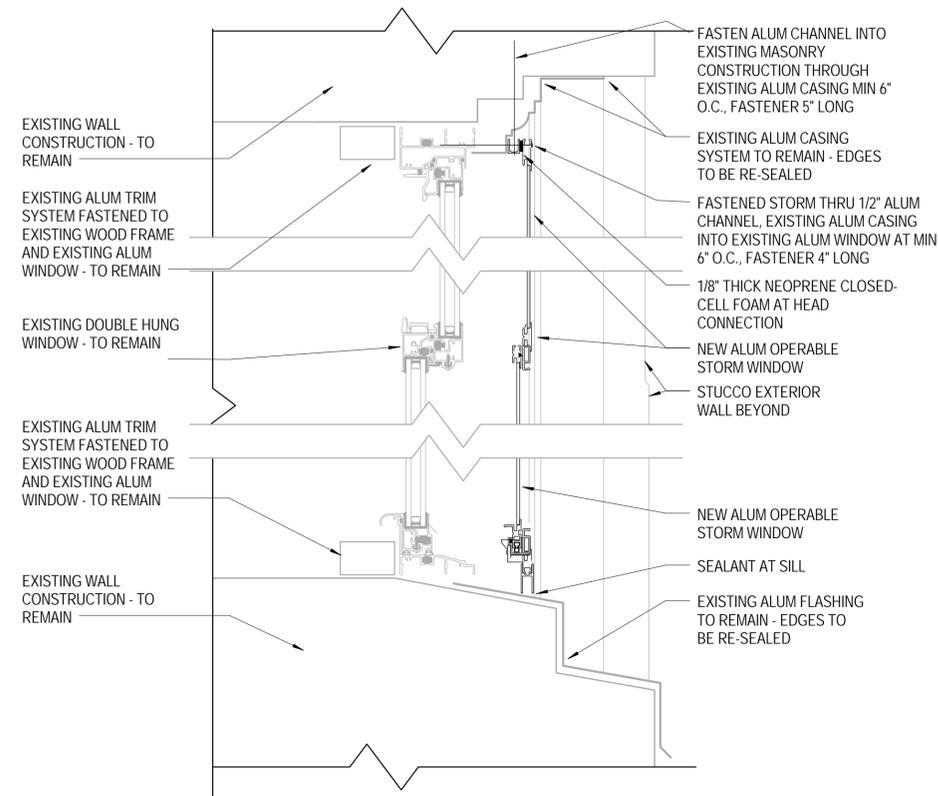
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NAVAL FACILITIES ENGINEERING COMMAND  
NAVAL FACILITIES ENGINEERING COMMAND - MIDLANT  
NEWPORT, RHODE ISLAND  
NAVAL STATION NEWPORT  
NEWPORT, RHODE ISLAND  
**B44 STORM WINDOWS AND  
SITE UTILITY REPAIRS**  
EXISTING CONDITIONS PHOTOS AND WINDOW SCHEDULE/DETAILS

SCALE:	AS NOTED
EPROJCT NO.	1365179
CONSTR. CONTR. NO.	N40085-14-D-5527-0005
NAVSTA DRAWING NO.	43173-399
NAVFAC DRAWING NO.	12711798
SHEET	9 OF 11
<b>A-103</b>	

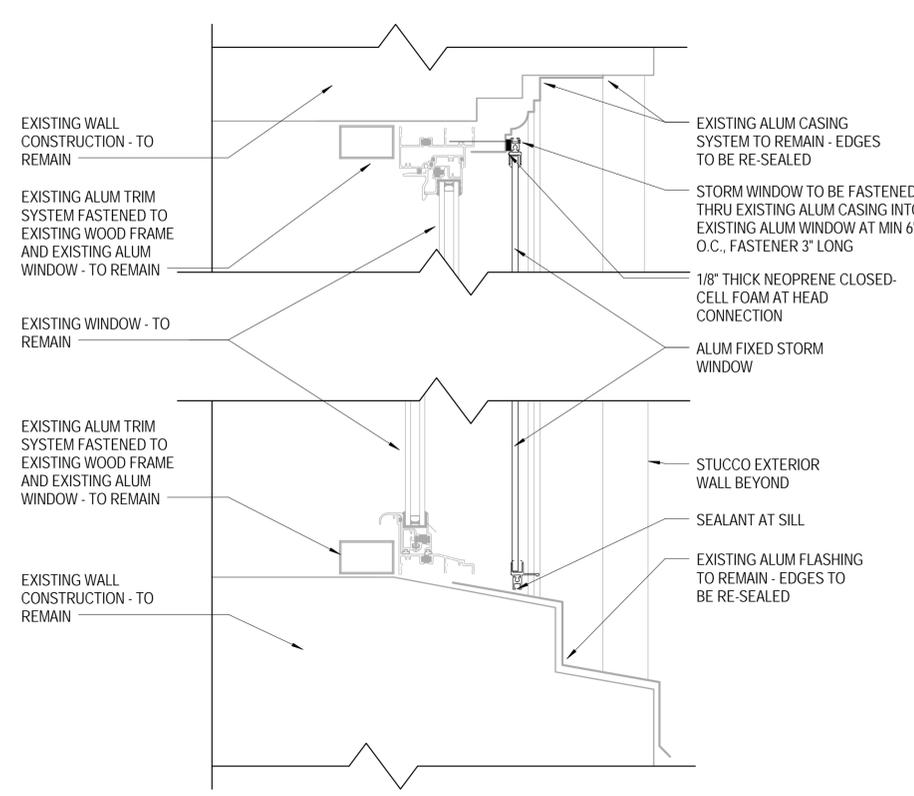
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**GENERAL NOTES:**

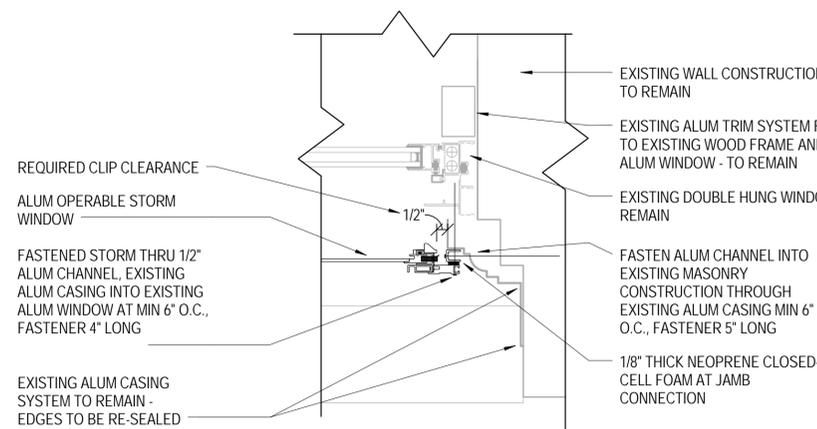
- FOR ARCHITECTURAL GENERAL NOTES, MATERIAL LEGEND AND ABBREVIATIONS REFER TO SHEET A-001.
- CONTRACTOR TO REMOVE AND DISPOSE OF ALL EXISTING WINDOW SCREENS.
- PATCH HOLES IN EXTERIOR EIFS FACED WALL PER MANUF RECOMMENDATIONS. PATCH TO MATCH ADJACENT TEXTURE & COLOR.
- STORM WINDOW SUPPORT FRAME AND ATTACHMENT METHOD IS TO BE DESIGNED, PROVIDED AND INSTALLED BY THE STORM WINDOW CONTRACTOR AS REQUIRED TO MEET WIND LOAD PRESSURES AS NOTED ON A-103.
- PROVIDE TEST HOLE AT OPERABLE STORM WINDOW HEAD AND JAMB CONNECTION TO EXISTING CONSTRUCTION FOR REQUIRED DEPTH.



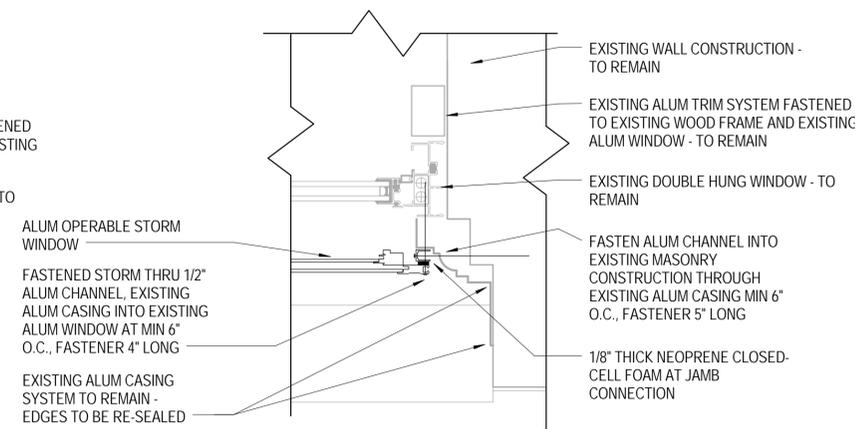
**C2 OPERABLE STORM WINDOW HEAD/SILL**  
SCALE: 3" = 1'-0"



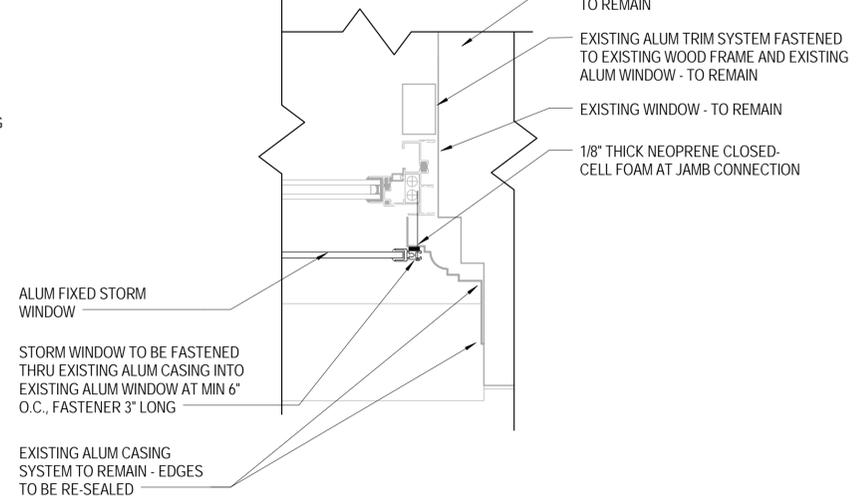
**C3 FIXED STORM WINDOW HEAD/SILL**  
SCALE: 3" = 1'-0"



**A2 OPERABLE STORM WINDOW JAMB - LOWER**  
SCALE: 3" = 1'-0"



**A3 OPERABLE STORM WINDOW JAMB - UPPER**  
SCALE: 3" = 1'-0"



**A4 FIXED STORM WINDOW JAMB**  
SCALE: 3" = 1'-0"

**GRAPHIC SCALE:**



**BURNS MEDONNELL**  
1305 EXECUTIVE BLVD.  
SUITE 160  
CHESAPEAKE, VA 23321  
757-548-2056

APPROVED	AE INFO
FOR COMMANDER NAVFAC/B.L.T.L.	
ACTIVITY	
SATISFACTORY TO DATE	
DES	DRW
JMD	JMD
PM	CHK
PM	DWM
BRANCH MANAGER	
CHIEF ENGINEER	

DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING COMMAND  
NAVAL FACILITIES ENGINEERING COMMAND - MIDLANT  
SUITE 160  
NEWPORT, RHODE ISLAND  
NAVAL STATION NEWPORT  
NEWPORT, RHODE ISLAND  
**B44 STORM WINDOWS AND SITE UTILITY REPAIRS**  
STORM WINDOW DETAILS

SCALE:	AS NOTED
PROJECT NO.	1365179
CONSTR. CONTR. NO.	N40085-14-D-5527-0005
NAVSTA DRAWING NO.	43174-399
NAVFAC DRAWING NO.	12711799
SHEET	10 OF 11
<b>A-104</b>	

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 REV DATE: 12/22/2015 8:46:16 AM  
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PIPE INVESTIGATION NOTES

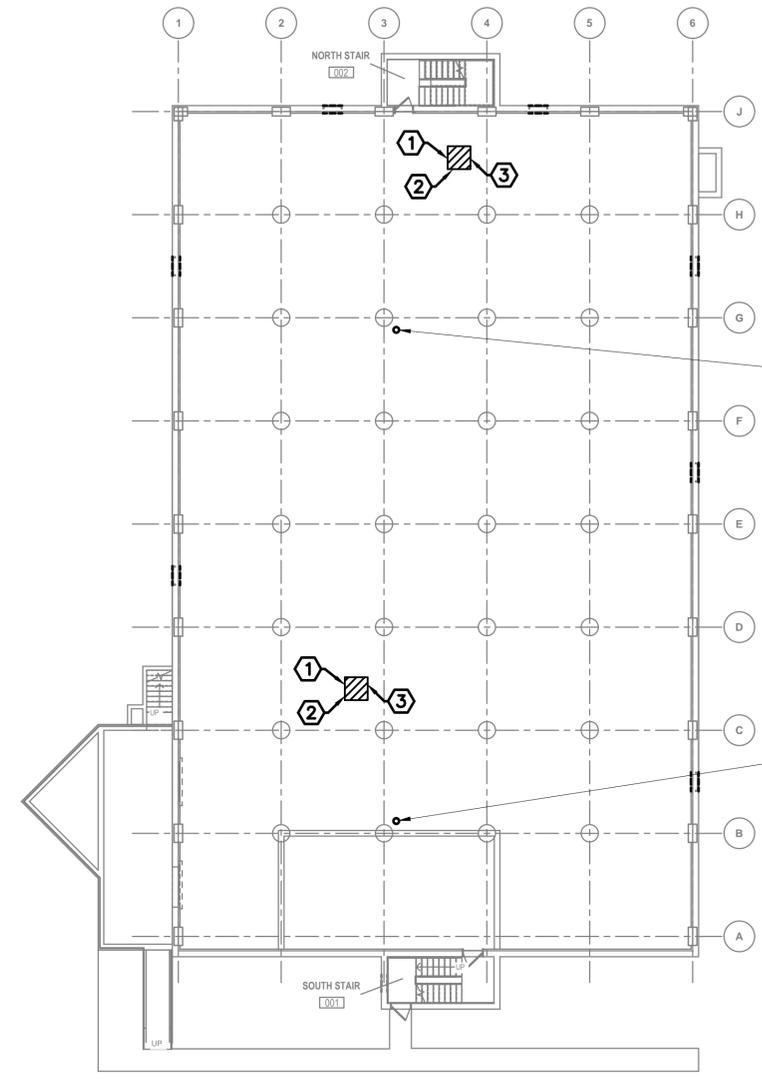
1. PRIOR TO THE EXECUTION OF NEW WORK, CONTRACTOR SHALL PROVIDE SCOPING OF EXISTING PLUMBING SYSTEM ORIGINATING FROM EACH CLEANOUT.
2. SCOPING SHALL INCLUDE ANY AND ALL METHODS NECESSARY TO DETERMINE EXTERIOR CONNECTION POINTS OF PLUMBING SYSTEM; VIDEO SCOPING, DYE TESTING, AND GROUND PENETRATING RADAR SHALL BE CONSIDERED.
3. ADDITIONAL OR ALTERNATE INVESTIGATIVE METHODS MAY BE PROPOSED FOR USE AND ARE SUBJECT TO CONTRACTING OFFICER APPROVAL.
4. ANY BLOCKAGES DISCOVERED IN PIPES SHALL BE CLEARED, IF ABLE, AT NO ADDITIONAL COST TO THE GOVERNMENT.
5. UPON COMPLETION OF INVESTIGATION, CONTRACTOR SHALL PROVIDE NAVFAC WITH SKETCH OF EXISTING PLUMBING SYSTEM FOR REVIEW AND APPROVAL.

GENERAL NOTES - (MECHANICAL)

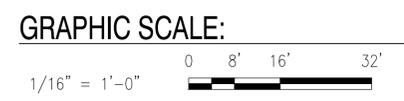
1. CONTRACTOR SHALL REPAIR FLOOR TO MATCH EXISTING FINISHED UPON COMPLETION OF WORK.

KEYED PLUMBING CONSTRUCTION NOTES

- 1 EXISTING CONCRETE SLAB TO BE PARTIALLY REMOVED, IN ORDER TO EXPOSE EXISTING BACKFLOW VALVE.
- 2 EXISTING BACKFLOW VALVE TO BE REMOVED. PERFORM SITE INVESTIGATION AS INDICATED.
- 3 INSTALL NEW CAST IRON STORM PIPING IN PLACE OR REMOVED BACK WATER VALVES.



PLAN NORTH  
**PLUMBING CRAWL SPACE PLAN**  
 SCALE: 1/16" = 1'-0"



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FILE NAME: I:\NAVFAC\81390\CAD\MECH\81390-44\81390-44-P101.dwg LAYOUT NAME: P101 PLOTTED: Monday, December 21, 2015 - 4:46pm USER: cparra

APPROVED	DATE
FOR COMMANDER NAVFAC	DESCRIPTION
ACTIVITY	SYN
SATISFACTORY TO	DATE
DES: CQ	DRW: CP
CHK: RJ	
FM	
BRANCH MANAGER	
CHIEF ENG/ARCH	
<<DDD>>	
DEPARTMENT OF THE NAVY	NAVAL FACILITIES ENGINEERING COMMAND
FT-NEWPORT	MIDLAND
NAVAL STATION NEWPORT	NEWPORT, RHODE ISLAND
	NEWPORT, RHODE ISLAND
	B44 STORM WINDOWS AND SITE UTILITY REPAIRS
	B-44 PLUMBING FLOOR PLAN
SCALE: AS NOTED	
PROJECT NO.: 1365179	
CONSTR. CONTR. NO. N40085-14-D-5227-0005	
NAVSTA DRAWING NO. 43175-399	
NAVFAC DRAWING NO. 12711800	
SHEET 11 OF 11	
<b>P-101</b>	
DRAWING REVISION: 10 MAY 2014	