

PLUMBING GENERAL NOTES

PLUMBING MATERIALS AND PROCEDURES NOTES

PLUMBING SYMBOL LIST

SEE ALL PROJECT GENERAL NOTES AND OTHER REQUIREMENTS INCLUDING THE LIFE SAFETY AND INFECTION CONTROL REQUIREMENTS LOCATED WITHIN THE GENERAL DRAWINGS SECTION. COMPLY WITH ALL REQUIREMENTS AS THEY ARE A DIRECT PART OF THIS SECTION AND AS IF THEY WERE DIRECTLY INCLUDED AND PROVIDED BELOW.

- 18. ALL NEW SANITARY PIPING SHALL BE GIVEN A FULL STATIC PRESSURE TEST. METHOD OF TEST AND REQUIREMENTS TO BE MET SHALL BE AS PER THE SPECIFICATIONS AND IN CONJUNCTION WITH ALL LOCAL, STATE AND FEDERAL CODE REQUIREMENTS ALONG WITH ALL REQUIREMENTS OF THE VA, BOTH FEDERAL AND LOCAL.

- PLUMBING FIXTURE SCHEDULE
1. THE PLUMBING FIXTURE AND EQUIPMENT SCHEDULE, IN GENERAL, SPECIFIES THE PLUMBING FIXTURES, EQUIPMENT AND DEVICES. HOWEVER, UNLESS NOTED OTHERWISE, ALL FIXTURES SHALL BE PROVIDED WITH APPLICABLE ACCESSORIES (SUCH AS SUPPLY STOPS, WASTE TRAPS, FIXTURE MOUNTING SUPPORTS, BOLT CAPS, WATER CLOSET SEATS, ETC., AS REQD TO COMPLETE THE INSTALLATION.)

- PROCEDURES
1. ALL SUSPENDED HORIZONTAL PIPING SHALL BE SUPPORTED BY HANGERS SPACED NO FURTHER THAN 8' - 0" APART. NO PIPING SHALL BE SELF-SUPPORTING NOR BE SUPPORTED FROM EQUIPMENT CONNECTIONS.

Table with 2 columns: SYMBOL and DESCRIPTION. Lists plumbing symbols like (A) ABANDON IN PLACE, (AE) ARCHITECT / ENGINEER, etc.

Vertical text on the left margin: A, B, C, D, E, F

Vertical text on the left margin: 7/20/2021 3:02:46 PM, C:\Users\Tasnow\Documents\18-133_Plumbing_Central_Tasnow.rvt

Table with 2 columns: Revisions and Date. Lists construction document submissions and design development milestones.

CONSULTANT

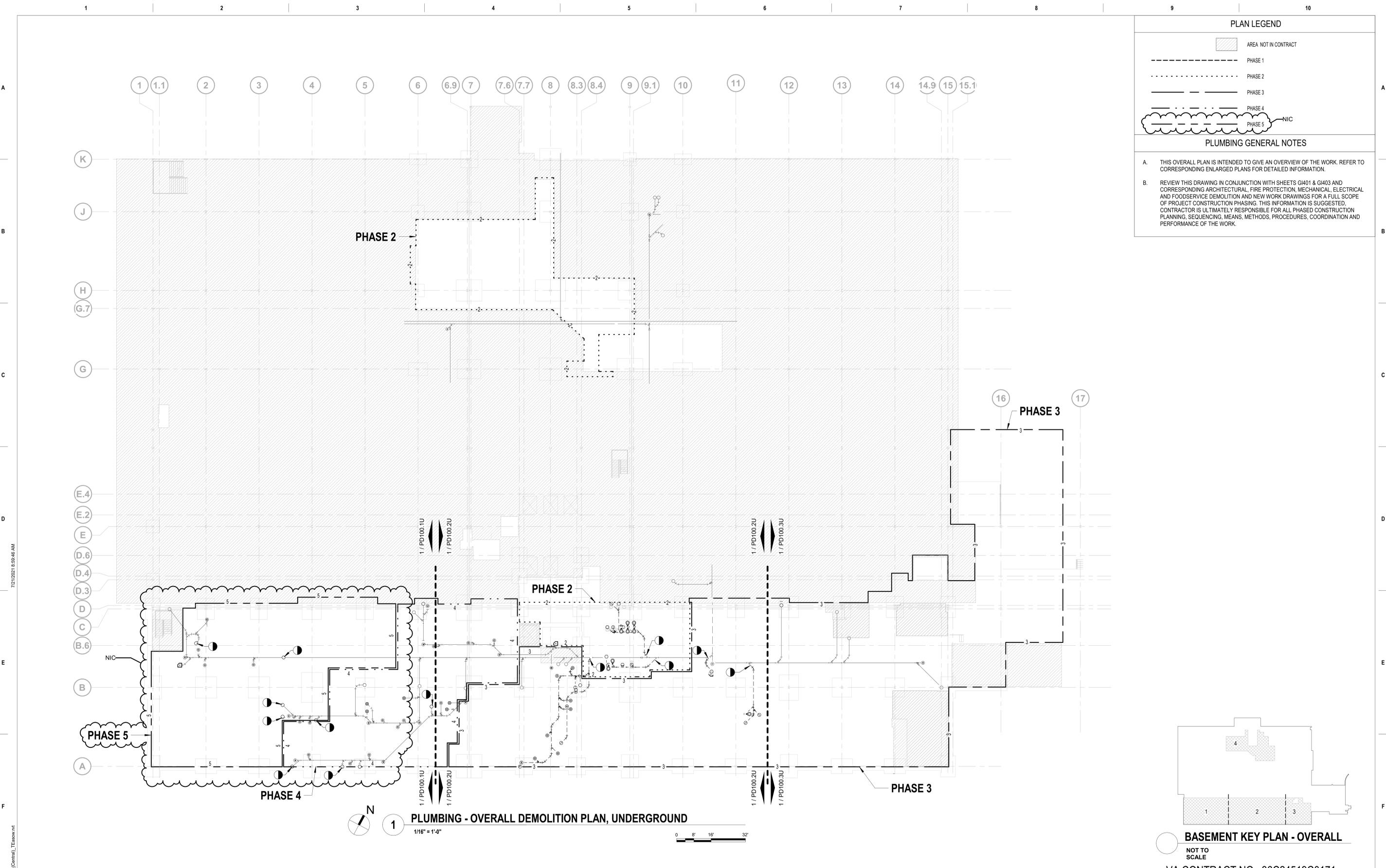
ARCHITECT/ENGINEER OF RECORD: Bancroft Architects + Engineers, 700 Nicholas Blvd, Suite 300, Elk Grove Village, IL 60007.

STAMP

Office of Construction and Facilities Management, U.S. Department of Veterans Affairs

100% CONSTRUCTION DOCUMENTS, FULLY SPRINKLERED

VA CONTRACT NO: 36C24519C0171. Project Title: RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN. Project Number: 613-19-103. Building Number: 500. Drawing Number: P001.



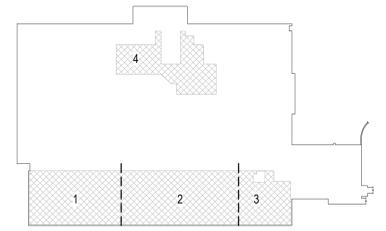
PLAN LEGEND

- AREA NOT IN CONTRACT
- PHASE 1
- PHASE 2
- PHASE 3
- PHASE 4
- PHASE 5

PLUMBING GENERAL NOTES

A. THIS OVERALL PLAN IS INTENDED TO GIVE AN OVERVIEW OF THE WORK. REFER TO CORRESPONDING ENLARGED PLANS FOR DETAILED INFORMATION.

B. REVIEW THIS DRAWING IN CONJUNCTION WITH SHEETS G401 & G403 AND CORRESPONDING ARCHITECTURAL, FIRE PROTECTION, MECHANICAL, ELECTRICAL AND FOODSERVICE DEMOLITION AND NEW WORK DRAWINGS FOR A FULL SCOPE OF PROJECT CONSTRUCTION PHASING. THIS INFORMATION IS SUGGESTED. CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR ALL PHASED CONSTRUCTION PLANNING, SEQUENCING, MEANS, METHODS, PROCEDURES, COORDINATION AND PERFORMANCE OF THE WORK.



BASEMENT KEY PLAN - OVERALL
NOT TO SCALE

VA CONTRACT NO: 36C24519C0171

100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
60% DESIGN DEVELOPMENT SUBMISSION	09/11/2020
30% SCHEMATIC DESIGN DEVELOPMENT	05/24/2020
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

Bancroft

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700 Nicholas Blvd, Suite 300
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www.bancroft-ae.com

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: PLUMBING - OVERALL DEMOLITION PLAN, UNDERGROUND

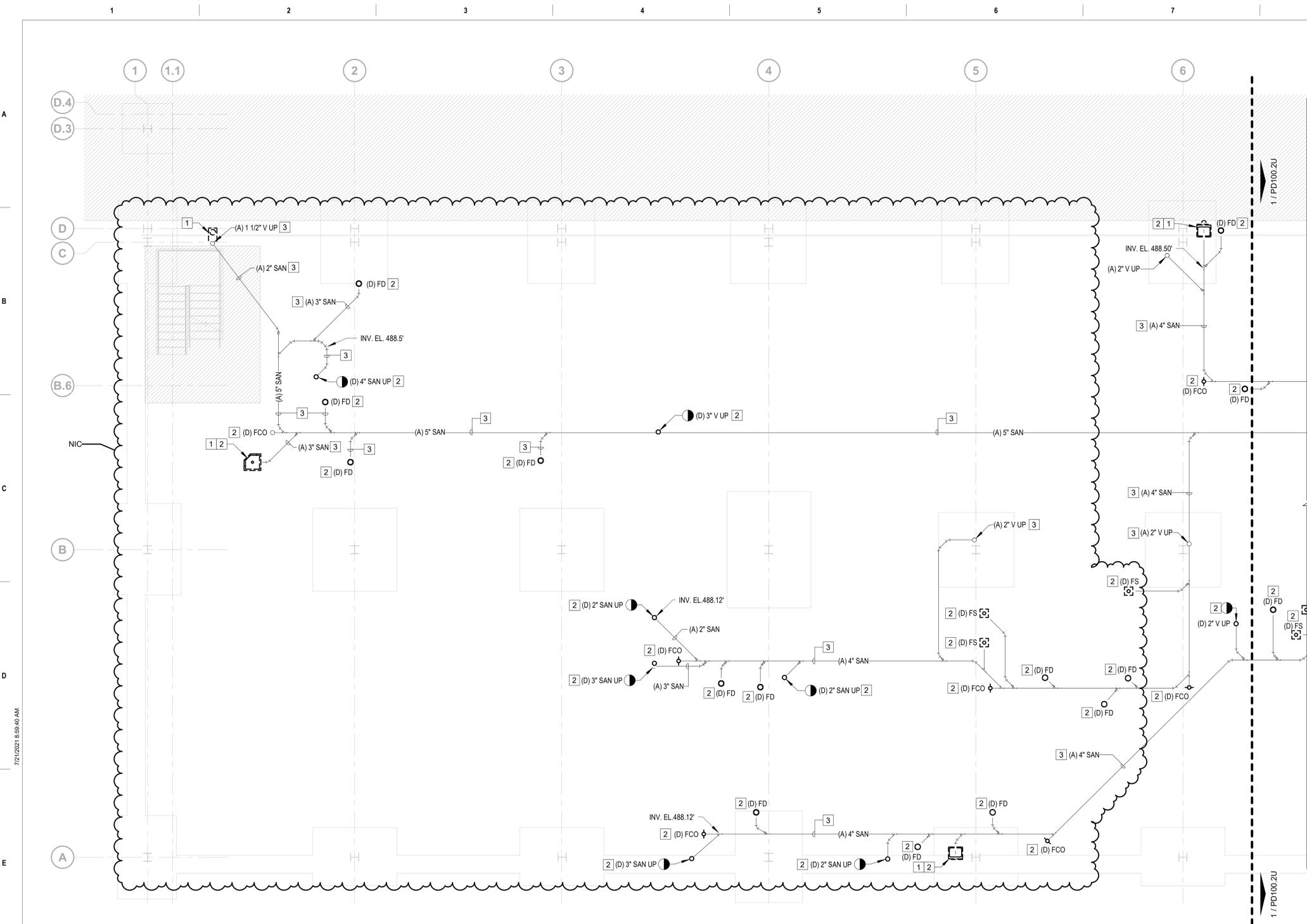
Approved: Project Director

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

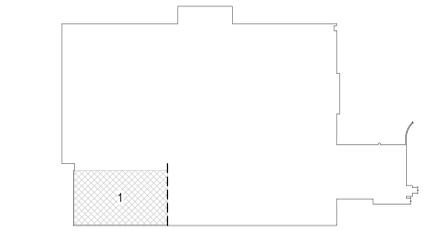
Project Title: RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN			Project Number: 613-19-103
Location: 510 BUTLER AVENUE, MARTINSBURG, WV 25405			Building Number: 500
Issue Date: 07/23/21	Checked: RAH	Drawn: TE	Drawing Number: PD100U

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- PLAN LEGEND**
- AREA NOT IN CONTRACT
- PLUMBING DEMOLITION GENERAL NOTES**
- CONTRACTOR TO COORDINATE WITH VA COR FOR ALL PLUMBING SERVICE OUTAGES.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO FINISHES OR COMPONENTS NOT SCHEDULED FOR DEMOLITION. DAMAGED ITEMS SHALL BE REPLACED OR REPAIRED TO MEET OR EXCEED FORMER CONDITIONS.
 - EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
 - REMOVE ALL ASSOCIATED VALVING, CLAMPS, HANGERS, SUPPORTS, ETC., ASSOCIATED WITH PIPING REMOVAL.
 - CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING PIPING NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
 - REMOVE EXISTING CONCRETE FLOOR SLAB TO ACCOMMODATE UNDERGROUND PLUMBING WORK. ASSUME 12 INCH SLAB THROUGH OUT THE KITCHEN. VERIFY ACTUAL THICKNESS.
 - PATCH AND FILL CONCRETE SLAB WHERE SANITARY AND VENT PIPING HAVE BEEN REMOVED OR PLUGGED.
 - COORDINATE CONCRETE FLOOR SLAB REMOVAL AND REPLACEMENT WORK WITH ARCHITECTURAL AND STRUCTURAL REQUIREMENTS. NEW CONCRETE FLOOR SLAB WORK SHALL BE PERFORMED AS EARLY AS POSSIBLE IN THE PROJECT SCHEDULE TO ALLOW FOR THE PROPER CURING TIME REQUIRED TO RECEIVE THE NEW FLOOR FINISHES.
 - FINISHED FLOOR EL. 490'
- PLUMBING DEMOLITION KEYNOTES**
- REMOVE PLUMBING FIXTURE IN ITS ENTIRETY.
 - INSTALL MECHANICAL PLUG (SIMILAR TO CHERNE "END-OF-PIPE GRIPPER") TO PERMANENTLY BLOCK SANITARY PIPING. SANITARY PIPING TO BE ABANDONED IN PLACE. CUT SANITARY PIPING AS NEEDED TO INSTALL PLUG RECESSED WITHIN EXISTING FLOOR TO PREVENT TRIP HAZARD. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.
 - ABANDON IN PLACE.

1 PLUMBING - ENLARGED DEMOLITION PLAN, UNDERGROUND - AREA 1
 3/16" = 1'-0"



BASEMENT KEY PLAN - AREA 1
 NOT TO SCALE

VA CONTRACT NO: 36C24519C0171

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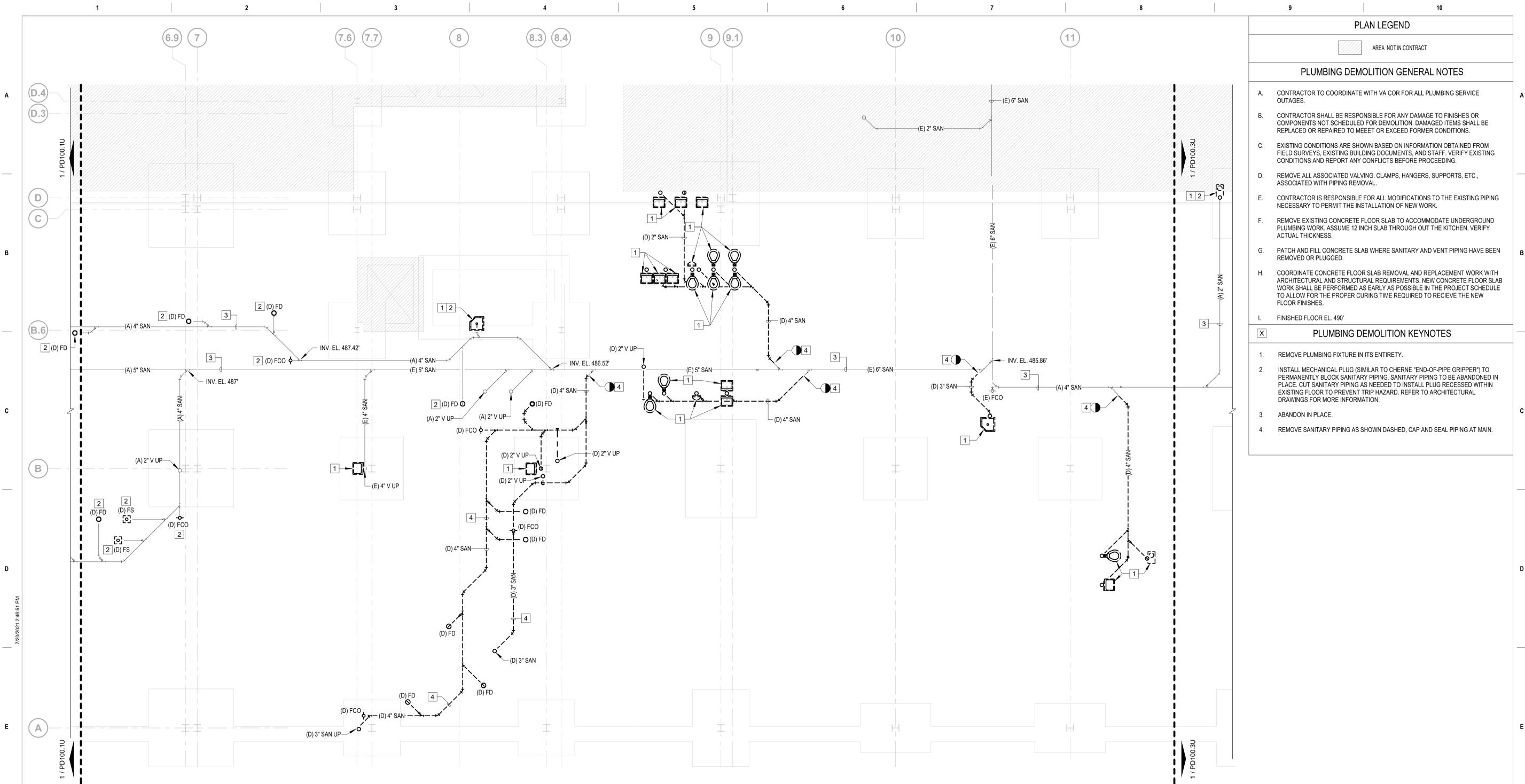
Drawing Title
 PLUMBING - ENLARGED DEMOLITION PLAN, UNDERGROUND - AREA 1

Approved: Project Director

Phase
 100% CONSTRUCTION DOCUMENTS

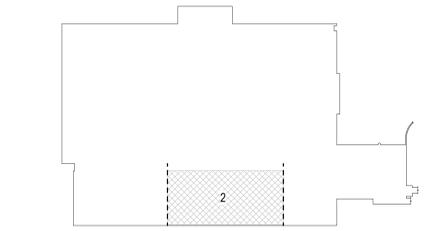
FULLY SPRINKLERED

Project Title RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	Project Number 613-19-103
Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405	Building Number 500
Issue Date 07/23/21	Checked RAH
Drawn TE	Drawing Number PD100.1U



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 - ABANDON IN PLACE.
 - REMOVE SANITARY PIPING AS SHOWN DASHED, CAP AND SEAL PIPING AT MAIN.

1 PLUMBING - ENLARGED DEMOLITION PLAN, UNDERGROUND - AREA 2
 3/16" = 1'-0"
 0 4' 8' 12'



BASEMENT KEY PLAN - AREA 2
 NOT TO SCALE

VA CONTRACT NO: 36C24519C0171

100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
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CONSULTANT

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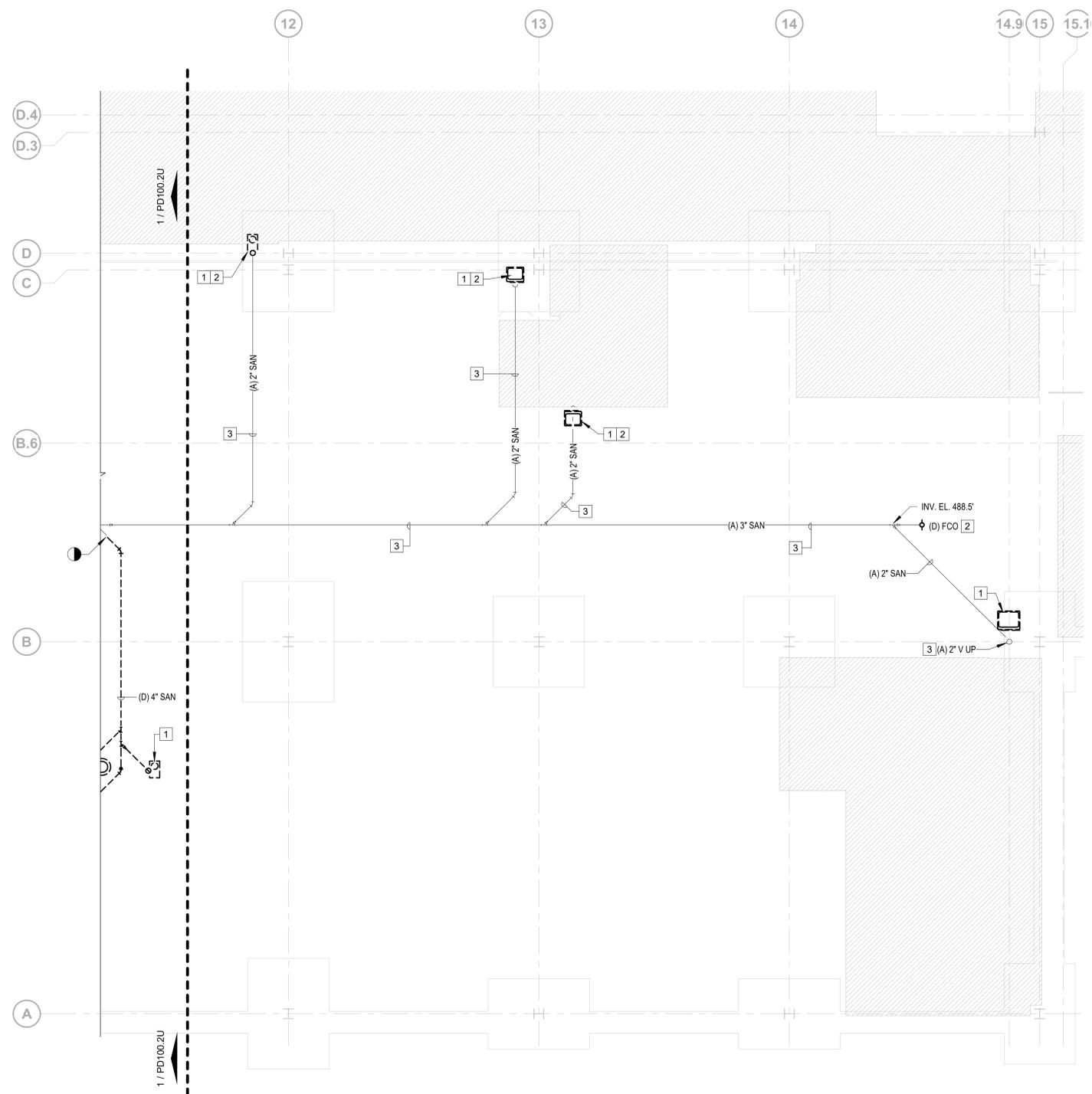
Drawing Title
PLUMBING - ENLARGED DEMOLITION PLAN, UNDERGROUND - AREA 2

Approved: Project Director

Phase
100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN			Project Number 613-19-103
Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405			Building Number 500
Issue Date 07/23/21	Checked RAH	Drawn TE	Drawing Number PD100.2U



- PLAN LEGEND**
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 - ABANDON IN PLACE.

1 PLUMBING - ENLARGED DEMOLITION PLAN, UNDERGROUND - AREA 3
 3/16" = 1'-0"
 0 4' 8' 12'



BASEMENT KEY PLAN - AREA 3
 NOT TO SCALE

VA CONTRACT NO: 36C24519C0171

Project Title	Project Number		
RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	613-19-103		
Location	Building Number		
510 BUTLER AVENUE, MARTINSBURG, WV 25405	500		
Issue Date	Checked	Drawn	Drawing Number
07/23/21	RAH	TE	PD100.3U

Revisions:	Date:
100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
60% DESIGN DEVELOPMENT SUBMISSION	09/11/2020
30% SCHEMATIC DESIGN DEVELOPMENT	05/24/2020

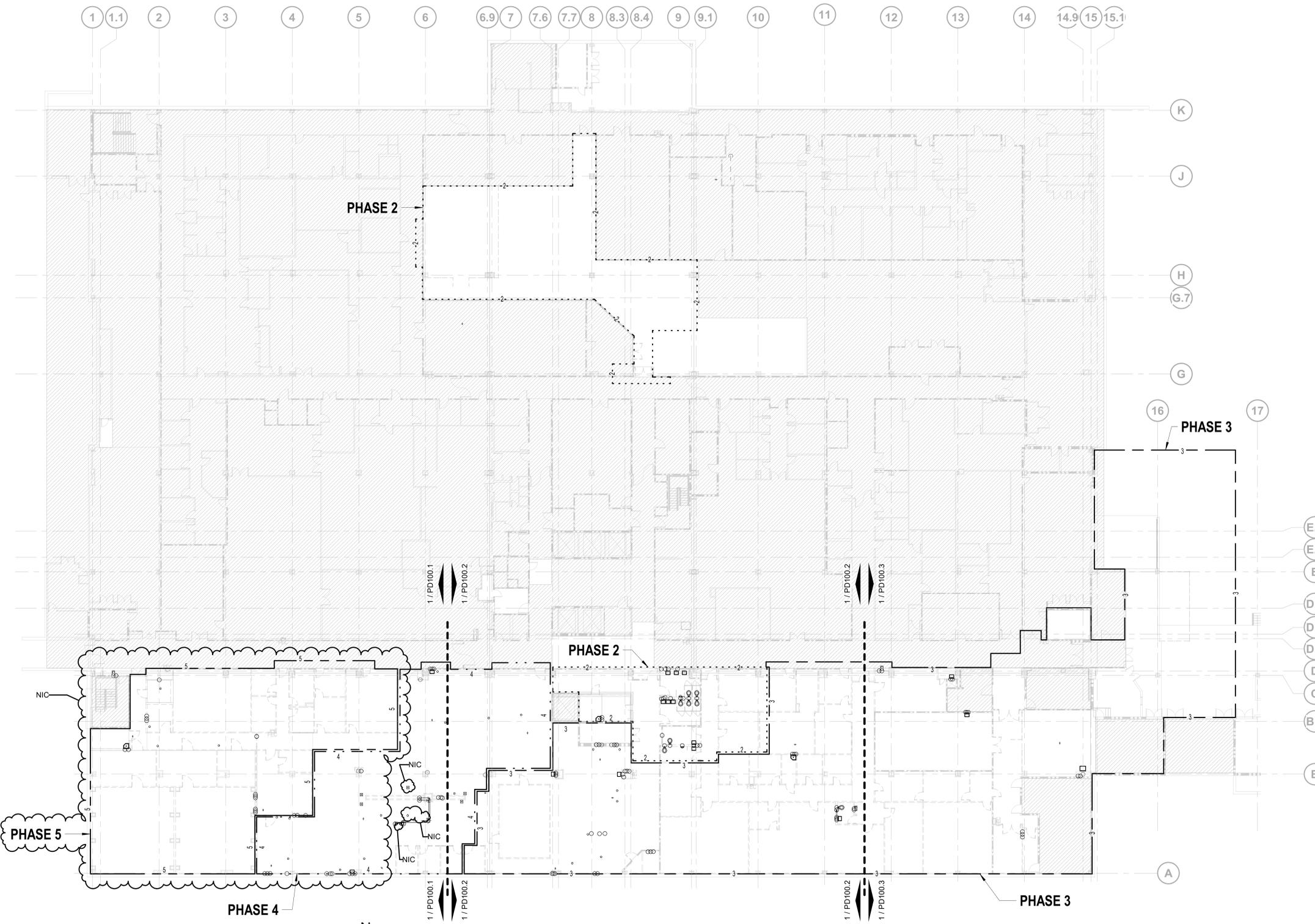
CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Drawing Title	Phase	Project Title	Project Number
	<i>Bancroft</i> BANCROFT ARCHITECTS + ENGINEERS 700 Nicholas Blvd, Suite 300 Elk Grove Village, IL 60007 T: 847.952.9362 F: 847.952.9403 www.bancroft-ae.com		PLUMBING - ENLARGED DEMOLITION PLAN, UNDERGROUND - AREA 3	100% CONSTRUCTION DOCUMENTS	RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	613-19-103
			Approved: Project Director	FULLY SPRINKLERED	Location	Building Number
					510 BUTLER AVENUE, MARTINSBURG, WV 25405	500
					Issue Date	Checked
					07/23/21	RAH
					Drawn	Drawing Number
					TE	PD100.3U

PLAN LEGEND	
	AREA NOT IN CONTRACT
	2 HOUR FIRE & SMOKE SEPARATION
	1 HOUR FIRE & SMOKE SEPARATION
	PHASE 1
	PHASE 2
	PHASE 3
	PHASE 4
	PHASE 5

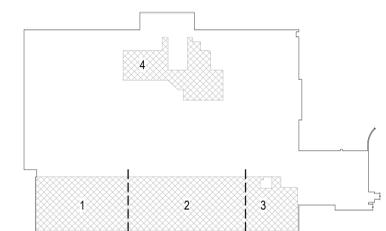
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1 PLUMBING - OVERALL DEMOLITION PLAN, BASEMENT FLOOR
1/16" = 1'-0"



BASEMENT KEY PLAN - OVERALL
NOT TO SCALE

VA CONTRACT NO: 36C24519C0171		
Project Title	Project Number	Building Number
RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	613-19-103	500
Location	Drawing Number	
510 BUTLER AVENUE, MARTINSBURG, WV 25405	PD100	
Issue Date	Checked	Drawn
07/23/21	RAH	TE

CONSULTANT	
100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
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Office of Construction and Facilities Management

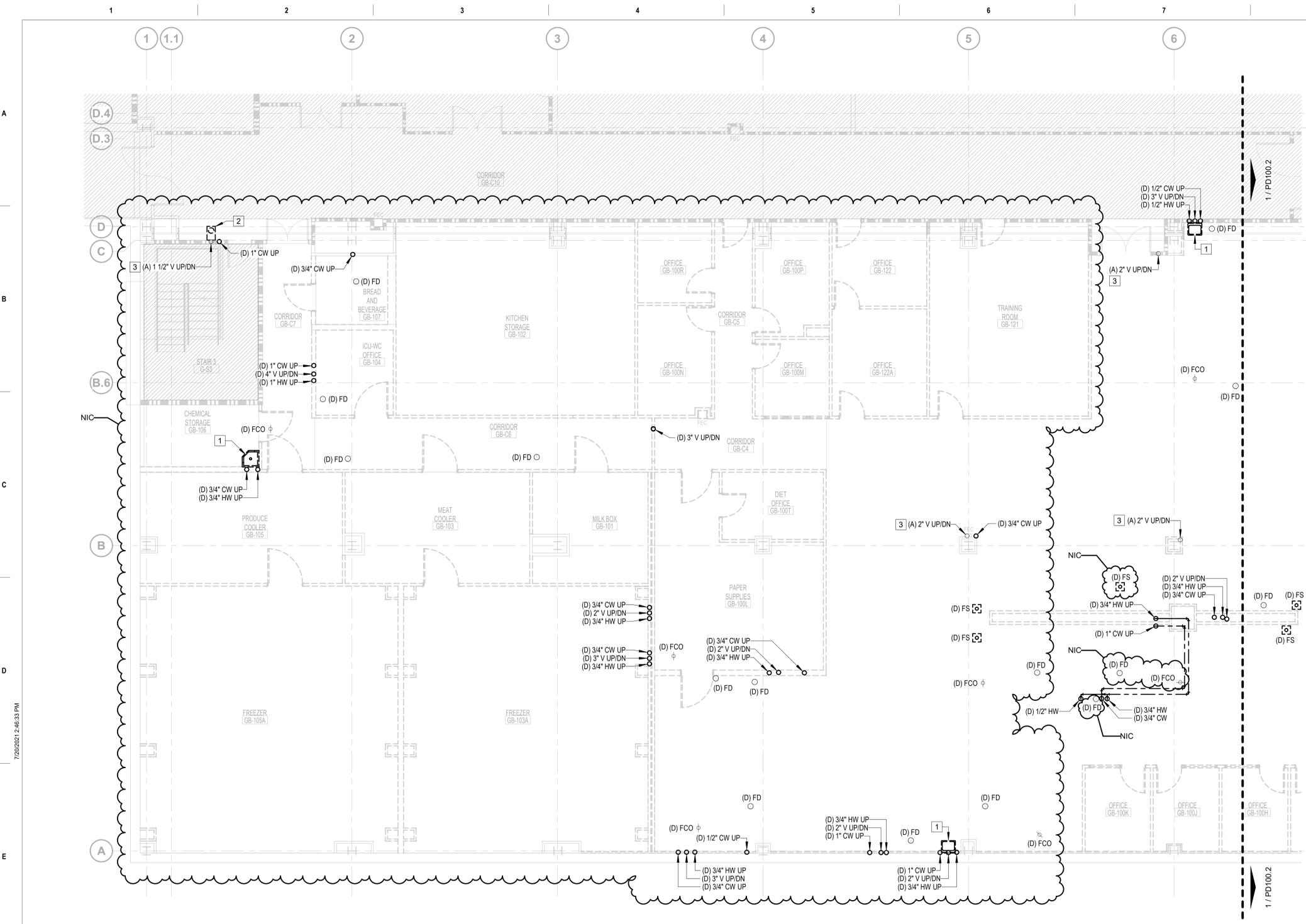
VA U.S. Department of Veterans Affairs

Drawing Title
PLUMBING - OVERALL DEMOLITION PLAN, BASEMENT FLOOR

Phase
100% CONSTRUCTION DOCUMENTS

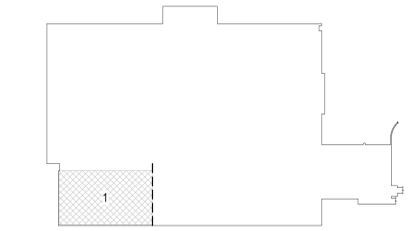
Approved: Project Director

FULLY SPRINKLERED



1 PLUMBING - ENLARGED DEMOLITION PLAN, BASEMENT FLOOR - AREA 1
 3/16" = 1'-0"
 0 4' 8' 12'

- PLAN LEGEND**
- AREA NOT IN CONTRACT
 - 2 HOUR FIRE & SMOKE SEPARATION
 - 1 HOUR FIRE & SMOKE SEPARATION
- PLUMBING DEMOLITION GENERAL NOTES**
- A. CONTRACTOR TO COORDINATE WITH VA COR FOR ALL PLUMBING SERVICE OUTAGES.
 - B. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO FINISHES OR COMPONENTS NOT SCHEDULED FOR DEMOLITION. DAMAGED ITEMS SHALL BE REPLACED OR REPAIRED TO MEET OR EXCEED FORMER CONDITIONS.
 - C. GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF CEILING, CEILING TILES, AND CEILING GRIDS ASSOCIATED WITH AREAS OF WORK BY ALL CONTRACTORS.
 - D. EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
 - E. ABANDONED AND/OR DEAD LEG DOMESTIC WATER PIPING WILL NOT BE ALLOWED AND SHALL BE REMOVED EVEN IF NOT SHOWN ON DRAWINGS.
 - F. ALL PENETRATIONS SHALL BE SEALED WITH FIRE PROOFING.
 - G. REMOVE ALL ASSOCIATED VALVING, CLAMPS, HANGERS, SUPPORTS, ETC., ASSOCIATED WITH PIPING REMOVAL.
 - H. CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING PIPING NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
 - I. ALL ASSOCIATED PIPING SHALL INCLUDE BUT NOT BE LIMITED TO CW, HW, HWC, SANITARY, AND VENT PIPING.
 - J. REMOVE EXISTING CONCRETE FLOOR SLAB TO ACCOMMODATE UNDERGROUND PLUMBING WORK. ASSUME 12 INCH SLAB THROUGHOUT THE KITCHEN, VERIFY ACTUAL THICKNESS.
 - K. PATCH AND FILL CONCRETE SLAB WHERE DOMESTIC WATER, SANITARY AND VENT PIPING HAVE BEEN REMOVED OR PLUGGED.
 - L. COORDINATE CONCRETE FLOOR SLAB REMOVAL AND REPLACEMENT WORK WITH ARCHITECTURAL AND STRUCTURAL REQUIREMENTS. NEW CONCRETE FLOOR SLAB WORK SHALL BE PERFORMED AS EARLY AS POSSIBLE IN THE PROJECT SCHEDULE TO ALLOW FOR THE PROPER CURING TIME REQUIRED TO RECEIVE THE NEW FLOOR FINISHES.
 - M. ASSUME ALL MASTIC ON PIPE INSULATION CONTAINS ASBESTOS AND MUST BE ABATED BY A LICENSED ABATEMENT SUBCONTRACTOR.
 - N. PRIOR TO START OF DEMOLITION WORK, GC SHALL ENSURE THAT A CURRENT VA PROVIDED HAZARDOUS MATERIAL SURVEY HAS BEEN CONDUCTED IDENTIFYING ALL HAZARDOUS MATERIAL FOUND IN SOW AREAS. GC TO VERIFY QUANTITIES AND LOCATIONS OF ALL HAZARDOUS MATERIALS FOUND TO BE REMOVED PRIOR TO DEMOLITION. REMOVAL TO BE IN ACCORDANCE WITH ANY REGULATORY PLANS OR APPROVALS IN STATE OF WEST VIRGINIA. APPROXIMATE QUANTITY TO BE REMOVED: ~2,000 FEET OF LINEAR PIPING.
- PLUMBING DEMOLITION KEYNOTES**
1. REMOVE PLUMBING FIXTURE IN ITS ENTIRETY AND ALL ASSOCIATED PIPING BACK TO MAIN. DEMOLISH SANITARY PIPING TO THE FLOOR.
 2. REMOVE PLUMBING FIXTURE IN ITS ENTIRETY AND ALL ASSOCIATED DOMESTIC WATER PIPING BACK TO MAIN. SANITARY AND VENT PIPING TO BE ABANDONED IN PLACE. CAP SANITARY PIPING FROM FIXTURE AT STACK.
 3. ABANDON IN PLACE.



1 BASEMENT KEY PLAN - AREA 1
 NOT TO SCALE

VA CONTRACT NO: 36C24519C0171

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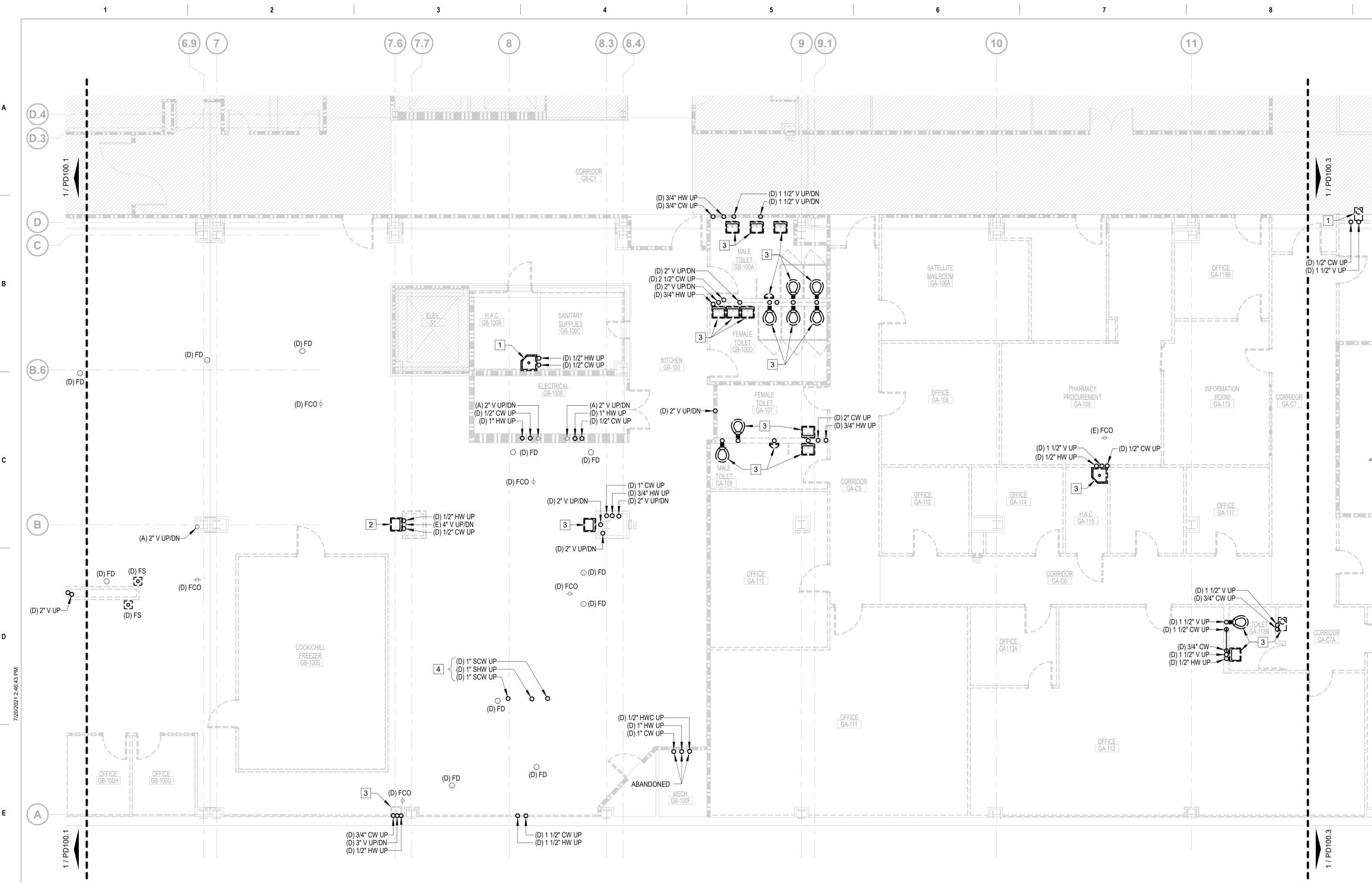
Approved: Project Director

Phase

100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title	RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	Project Number	613-19-103
Location	510 BUTLER AVENUE, MARTINSBURG, WV 25405	Building Number	500
Issue Date	07/23/21	Checked	RAH
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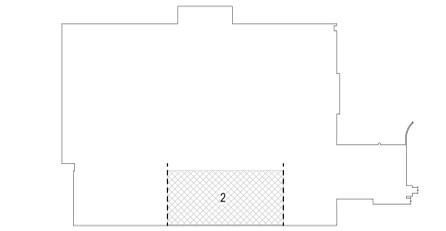


1 **PLUMBING - ENLARGED DEMOLITION PLAN, BASEMENT FLOOR - AREA 2**
 3/16" = 1'-0"
 0 4' 8' 12'

PLAN LEGEND	
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	2 HOUR FIRE & SMOKE SEPARATION
	1 HOUR FIRE & SMOKE SEPARATION

- PLUMBING DEMOLITION GENERAL NOTES**
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 - GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF CEILING, CEILING TILES, AND CEILING GRIDS ASSOCIATED WITH AREAS OF WORK BY ALL CONTRACTORS.
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 - CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING PIPING NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
 - ALL ASSOCIATED PIPING SHALL INCLUDE BUT NOT BE LIMITED TO CW, HW, HWC, SANITARY, AND VENT PIPING.
 - REMOVE EXISTING CONCRETE FLOOR SLAB TO ACCOMMODATE UNDERGROUND PLUMBING WORK. ASSUME 12 INCH SLAB THROUGH OUT THE KITCHEN, VERIFY ACTUAL THICKNESS.
 - PATCH AND FILL CONCRETE SLAB WHERE DOMESTIC WATER, SANITARY AND VENT PIPING HAVE BEEN REMOVED OR PLUGGED.
 - COORDINATE CONCRETE FLOOR SLAB REMOVAL AND REPLACEMENT WORK WITH ARCHITECTURAL AND STRUCTURAL REQUIREMENTS. NEW CONCRETE FLOOR SLAB WORK SHALL BE PERFORMED AS EARLY AS POSSIBLE IN THE PROJECT SCHEDULE TO ALLOW FOR THE PROPER CURING TIME REQUIRED TO RECEIVE THE NEW FLOOR FINISHES.
 - ASSUME ALL MASTIC ON PIPE INSULATION CONTAINS ASBESTOS AND MUST BE ABATED BY A LICENSED ABATEMENT SUBCONTRACTOR.
 - PRIOR TO START OF DEMOLITION WORK, GC SHALL ENSURE THAT A CURRENT VA PROVIDED HAZARDOUS MATERIAL SURVEY HAS BEEN CONDUCTED IDENTIFYING ALL HAZARDOUS MATERIAL FOUND IN SOW AREAS. GC TO VERIFY QUANTITIES AND LOCATIONS OF ALL HAZARDOUS MATERIALS FOUND TO BE REMOVED PRIOR TO DEMOLITION. REMOVAL TO BE IN ACCORDANCE WITH ANY REGULATORY PLANS OR APPROVALS IN STATE OF WEST VIRGINIA. APPROXIMATE QUANTITY TO BE REMOVED: ~ 2,000 FEET OF LINEAR PIPING.

- PLUMBING DEMOLITION KEYNOTES**
- REMOVE PLUMBING FIXTURE IN ITS ENTIRETY AND ALL ASSOCIATED PIPING BACK TO MAIN. DEMOLISH SANITARY PIPING TO THE FLOOR.
 - REMOVE PLUMBING FIXTURE IN ITS ENTIRETY AND ALL ASSOCIATED DOMESTIC WATER PIPING BACK TO MAIN. SANITARY AND VENT PIPING TO BE ABANDONED IN PLACE.
 - REMOVE PLUMBING FIXTURE IN ITS ENTIRETY AND ALL ASSOCIATED PIPING BACK TO MAIN.
 - DEMOLISH DOMESTIC SOFT WATER PIPING TO DISHWASHING UNIT.



BASEMENT KEY PLAN - AREA 2
 NOT TO SCALE

VA CONTRACT NO: 36C24519C0171

Revisions:	Date:
100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
60% DESIGN DEVELOPMENT SUBMISSION	09/11/2020
30% SCHEMATIC DESIGN DEVELOPMENT	05/24/2020

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ARCHITECT/ENGINEER OF RECORD

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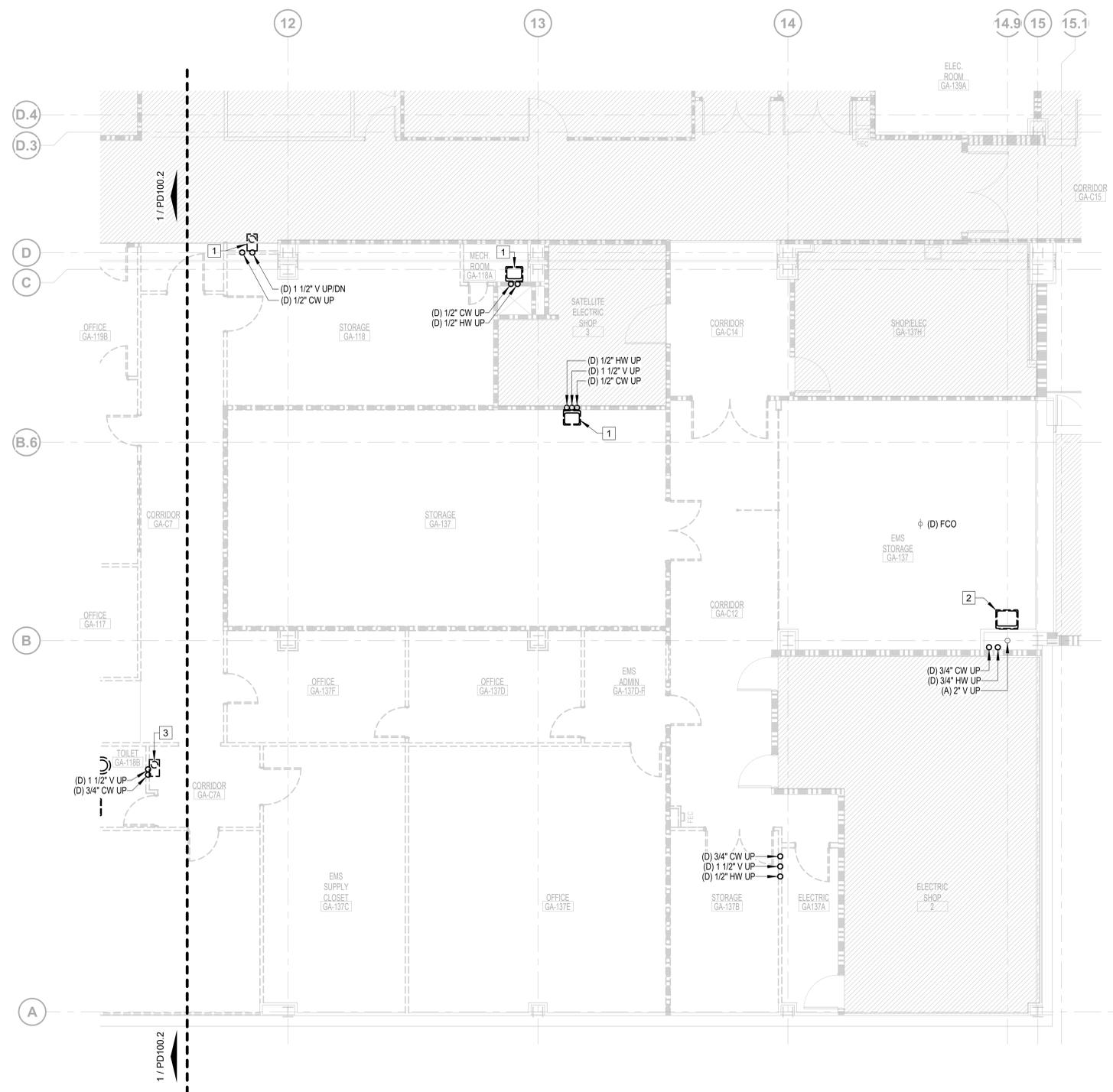
Drawing Title
PLUMBING - ENLARGED DEMOLITION PLAN, BASEMENT FLOOR - AREA 2

Approved: Project Director

Phase
100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title	Project Number
RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	613-19-103
Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405	Building Number 500
Issue Date 07/23/21	Checked RAH
Drawn TE	Drawing Number PD100.2



PLAN LEGEND	
	AREA NOT IN CONTRACT
	2 HOUR FIRE & SMOKE SEPARATION
	1 HOUR FIRE & SMOKE SEPARATION

- PLUMBING DEMOLITION GENERAL NOTES**
- A. CONTRACTOR TO COORDINATE WITH VA COR FOR ALL PLUMBING SERVICE OUTAGES.
 - B. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO FINISHES OR COMPONENTS NOT SCHEDULED FOR DEMOLITION. DAMAGED ITEMS SHALL BE REPLACED OR REPAIRED TO MEET OR EXCEED FORMER CONDITIONS.
 - C. GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF CEILING, CEILING TILES, AND CEILING GRIDS ASSOCIATED WITH AREAS OF WORK BY ALL CONTRACTORS.
 - D. EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
 - E. ABANDONED AND/OR DEAD LEG DOMESTIC WATER PIPING WILL NOT BE ALLOWED AND SHALL BE REMOVED EVEN IF NOT SHOWN ON DRAWINGS.
 - F. ALL PENETRATIONS SHALL BE SEALED WITH FIRE PROOFING.
 - G. REMOVE ALL ASSOCIATED VALVING, CLAMPS, HANGERS, SUPPORTS, ETC., ASSOCIATED WITH PIPING REMOVAL.
 - H. CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING PIPING NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
 - I. ALL ASSOCIATED PIPING SHALL INCLUDE BUT NOT BE LIMITED TO CW, HW, HWC, SANITARY, AND VENT PIPING.
 - J. REMOVE EXISTING CONCRETE FLOOR SLAB TO ACCOMMODATE UNDERGROUND PLUMBING WORK. ASSUME 12 INCH SLAB THROUGH OUT THE KITCHEN, VERIFY ACTUAL THICKNESS.
 - K. PATCH AND FILL CONCRETE SLAB WHERE DOMESTIC WATER, SANITARY AND VENT PIPING HAVE BEEN REMOVED OR PLUGGED.
 - L. COORDINATE CONCRETE FLOOR SLAB REMOVAL AND REPLACEMENT WORK WITH ARCHITECTURAL AND STRUCTURAL REQUIREMENTS. NEW CONCRETE FLOOR SLAB WORK SHALL BE PERFORMED AS EARLY AS POSSIBLE IN THE PROJECT SCHEDULE TO ALLOW FOR THE PROPER CURING TIME REQUIRED TO RECEIVE THE NEW FLOOR FINISHES.
 - M. ASSUME ALL MASTIC ON PIPE INSULATION CONTAINS ASBESTOS AND MUST BE ABATED BY A LICENSED ABATEMENT SUBCONTRACTOR.
 - N. PRIOR TO START OF DEMOLITION WORK, GC SHALL ENSURE THAT A CURRENT VA PROVIDED HAZARDOUS MATERIAL SURVEY HAS BEEN CONDUCTED IDENTIFYING ALL HAZARDOUS MATERIAL FOUND IN SOW AREAS. GC TO VERIFY QUANTITIES AND LOCATIONS OF ALL HAZARDOUS MATERIALS FOUND TO BE REMOVED PRIOR TO DEMOLITION. REMOVAL TO BE IN ACCORDANCE WITH ANY REGULATORY PLANS OR APPROVALS IN STATE OF WEST VIRGINIA. APPROXIMATE QUANTITY TO BE REMOVED: ~ 2,000 FEET OF LINEAR PIPING.

- PLUMBING DEMOLITION KEYNOTES**
1. REMOVE PLUMBING FIXTURE IN ITS ENTIRETY AND ALL ASSOCIATED PIPING BACK TO MAIN. DEMOLISH SANITARY PIPING TO THE FLOOR.
 2. REMOVE PLUMBING FIXTURE IN ITS ENTIRETY AND ALL ASSOCIATED DOMESTIC WATER PIPING BACK TO MAIN. SANITARY AND VENT PIPING TO BE ABANDONED IN PLACE.
 3. REMOVE PLUMBING FIXTURE IN ITS ENTIRETY AND ALL ASSOCIATED PIPING BACK TO MAIN.

1 PLUMBING - ENLARGED DEMOLITION PLAN, BASEMENT FLOOR - AREA 3
 3/16" = 1'-0"
 0 4' 8' 12'



BASEMENT KEY PLAN - AREA 3
 NOT TO SCALE

VA CONTRACT NO: 36C24519C0171

Revisions:	Date:
100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
60% DESIGN DEVELOPMENT SUBMISSION	09/11/2020
30% SCHEMATIC DESIGN DEVELOPMENT	05/24/2020

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VA U.S. Department of Veterans Affairs

Drawing Title: PLUMBING - ENLARGED DEMOLITION PLAN, BASEMENT FLOOR - AREA 3

Approved: Project Director

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

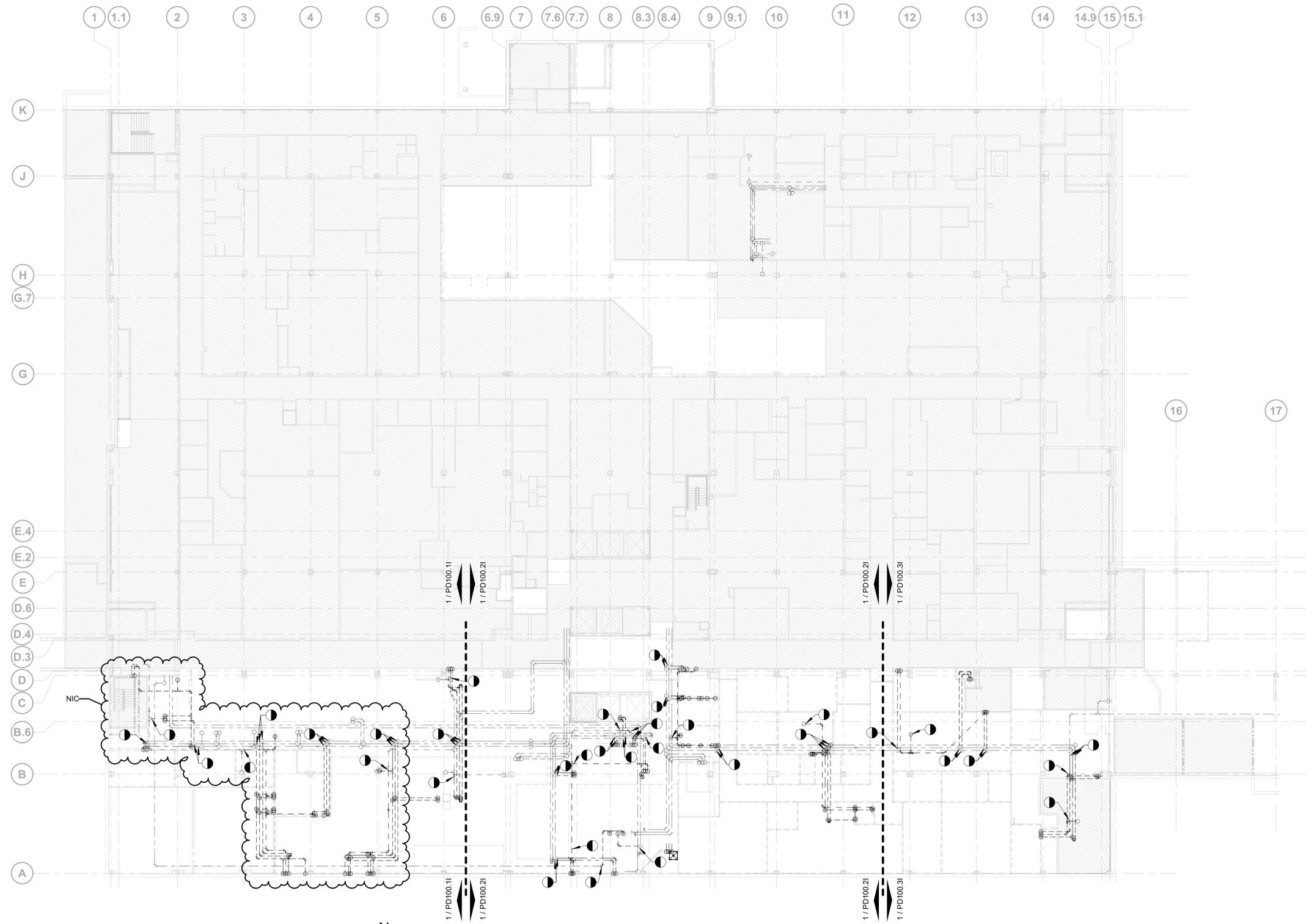
Project Title: RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	Project Number: 613-19-103
Building Number: 500	Drawing Number: PD100.3
Location: 510 BUTLER AVENUE, MARTINSBURG, WV 25405	Issue Date: 07/23/21
Checked: RAH	Drawn: TE

PLAN LEGEND

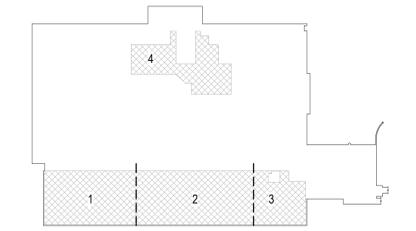
 AREA NOT IN CONTRACT

PLUMBING GENERAL NOTES

A. THIS OVERALL PLAN IS INTENDED TO GIVE AN OVERVIEW OF THE WORK. REFER TO CORRESPONDING ENLARGED PLANS FOR DETAILED INFORMATION.



1 PLUMBING - OVERALL DEMOLITION PLAN, INTERSTITIAL FLOOR
 1/16" = 1'-0"
 



BASEMENT KEY PLAN - OVERALL
 NOT TO SCALE

VA CONTRACT NO: 36C24519C0171

100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD


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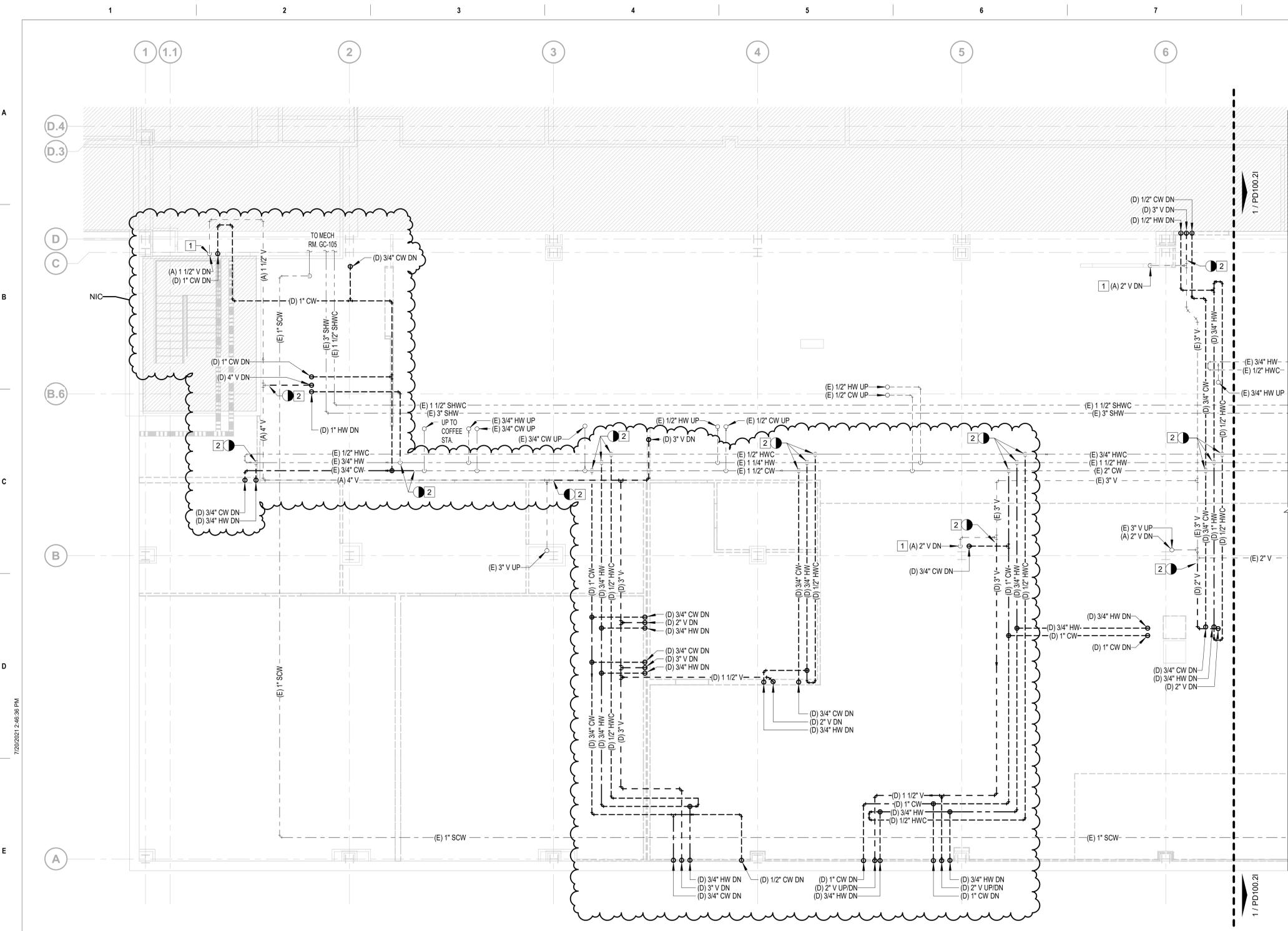
Drawing Title: PLUMBING - OVERALL DEMOLITION PLAN, INTERSTITIAL FLOOR

Approved: Project Director

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

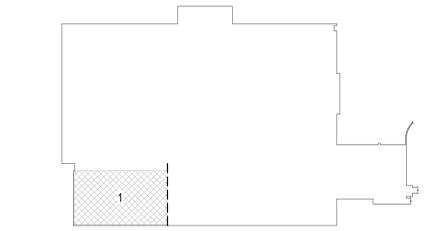
Project Title: RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN			Project Number: 613-19-103
Location: 510 BUTLER AVENUE, MARTINSBURG, WV 25405			Building Number: 500
Issue Date: 07/23/21	Checked: RAH	Drawn: TE	Drawing Number: PD1001



1 PLUMBING - ENLARGED DEMOLITION PLAN, INTERSTITIAL FLOOR - AREA 1
 3/16" = 1'-0"

- PLAN LEGEND**
- AREA NOT IN CONTRACT
- PLUMBING DEMOLITION GENERAL NOTES**
- CONTRACTOR TO COORDINATE WITH VA COR FOR ALL PLUMBING SERVICE OUTAGES.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO FINISHES OR COMPONENTS NOT SCHEDULED FOR DEMOLITION. DAMAGED ITEMS SHALL BE REPLACED OR REPAIRED TO MEET OR EXCEED FORMER CONDITIONS.
 - EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
 - ABANDONED AND/OR DEAD LEG DOMESTIC WATER PIPING WILL NOT BE ALLOWED AND SHALL BE REMOVED EVEN IF NOT SHOWN ON DRAWINGS.
 - ALL PENETRATIONS SHALL BE SEALED WITH FIRE PROOFING.
 - REMOVE ALL ASSOCIATED VALVING, CLAMPS, HANGERS, SUPPORTS, ETC., ASSOCIATED WITH PIPING REMOVAL.
 - CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING PIPING NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
 - ALL ASSOCIATED PIPING SHALL INCLUDE BUT NOT BE LIMITED TO CW, HW, HWC, SANITARY, AND VENT PIPING.
 - ALL DOMESTIC PIPING BEING DEMOLISHED TO MAIN SHALL BE CAPPED 1.5X THE DIAMETER OF BRANCH PIPING. NO DEAD END OR STUBS ARE ALLOWED IN DOMESTIC WATER PIPING. ALL DEAD END PIPING MUST BE CAPPED.
 - ANY PIPING THAT CANNOT BE VALVED OFF MUST BE "FROZE". CONTRACTOR TO PROVIDE "FREEZE SHUT DOWN".
 - PATCH AND FILL CONCRETE SLAB WHERE DOMESTIC WATER AND VENT PIPING HAVE BEEN REMOVED.
 - ASSUME ALL MASTIC ON PIPE INSULATION CONTAINS ASBESTOS AND MUST BE ABATED BY A LICENSED ABATEMENT SUBCONTRACTOR.
 - PRIOR TO START OF DEMOLITION WORK, GC SHALL ENSURE THAT A CURRENT VA PROVIDED HAZARDOUS MATERIAL SURVEY HAS BEEN CONDUCTED IDENTIFYING ALL HAZARDOUS MATERIAL FOUND IN SOW AREAS. GC TO VERIFY QUANTITIES AND LOCATIONS OF ALL HAZARDOUS MATERIALS FOUND TO BE REMOVED PRIOR TO DEMOLITION. REMOVAL TO BE IN ACCORDANCE WITH ANY REGULATORY PLANS OR APPROVALS IN STATE OF WEST VIRGINIA. APPROXIMATE QUANTITY TO BE REMOVED: ~ 2,000 FEET OF LINEAR PIPING.

- PLUMBING DEMOLITION KEYNOTES**
- ABANDON IN PLACE.
 - REMOVE PIPING AS SHOWN DASHED BEYOND THIS POINT. CAP AND SEAL PIPING AT MAIN.



1 BASEMENT KEY PLAN - AREA 1
 NOT TO SCALE

VA CONTRACT NO: 36C24519C0171

100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
Revisions:	Date:

CONSULTANT

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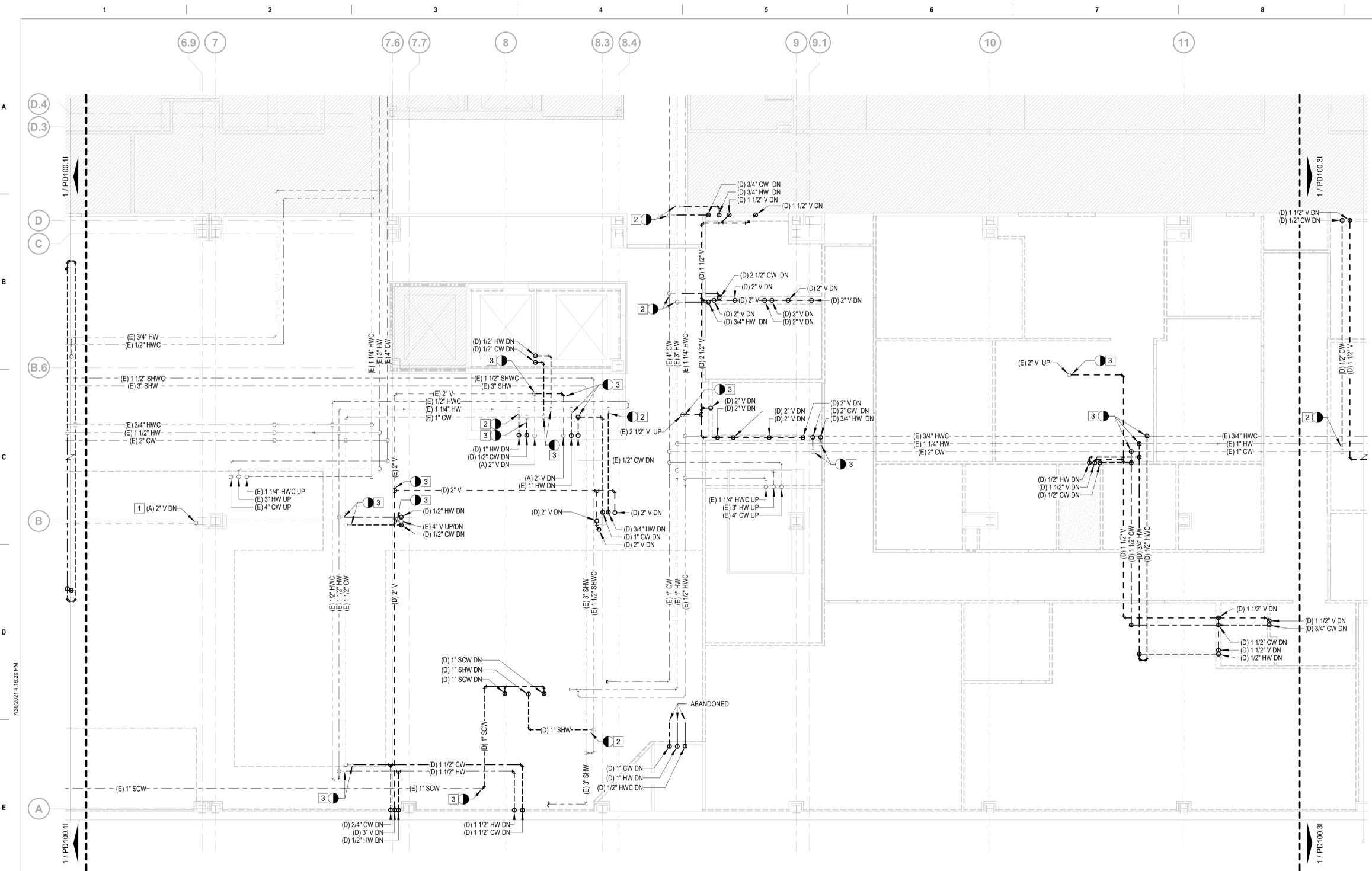
Drawing Title: PLUMBING - ENLARGED DEMOLITION PLAN, INTERSTITIAL FLOOR - AREA 1

Approved: Project Director

Phase: 100% CONSTRUCTION DOCUMENTS

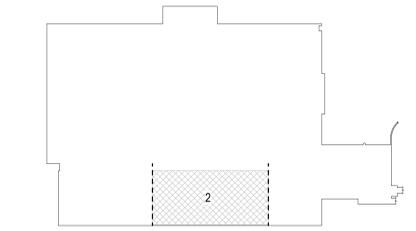
FULLY SPRINKLERED

Project Title: RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	Project Number: 613-19-103
Location: 510 BUTLER AVENUE, MARTINSBURG, WV 25405	Building Number: 500
Issue Date: 07/23/21	Checked: RAH
Drawn: TE	Drawing Number: PD100.11



- PLAN LEGEND**
- AREA NOT IN CONTRACT
- PLUMBING DEMOLITION GENERAL NOTES**
- CONTRACTOR TO COORDINATE WITH VA COR FOR ALL PLUMBING SERVICE OUTAGES.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO FINISHES OR COMPONENTS NOT SCHEDULED FOR DEMOLITION. DAMAGED ITEMS SHALL BE REPLACED OR REPAIRED TO MEET OR EXCEED FORMER CONDITIONS.
 - EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
 - ABANDONED AND/OR DEAD LEG DOMESTIC WATER PIPING WILL NOT BE ALLOWED AND SHALL BE REMOVED EVEN IF NOT SHOWN ON DRAWINGS.
 - ALL PENETRATIONS SHALL BE SEALED WITH FIRE PROOFING.
 - REMOVE ALL ASSOCIATED VALVING, CLAMPS, HANGERS, SUPPORTS, ETC., ASSOCIATED WITH PIPING REMOVAL.
 - CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING PIPING NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
 - ALL ASSOCIATED PIPING SHALL INCLUDE BUT NOT BE LIMITED TO CW, HW, HWC, SANITARY, AND VENT PIPING.
 - ALL DOMESTIC PIPING BEING DEMOLISHED TO MAIN SHALL BE CAPPED 1.5X THE DIAMETER OF BRANCH PIPING. NO DEAD END OR STUBS ARE ALLOWED IN DOMESTIC WATER PIPING. ALL DEAD END PIPING MUST BE CAPPED.
 - ANY PIPING THAT CANNOT BE VALVED OFF MUST BE "FROZE". CONTRACTOR TO PROVIDE "FREEZE SHUT DOWN".
 - PATCH AND FILL CONCRETE SLAB WHERE DOMESTIC WATER AND VENT PIPING HAVE BEEN REMOVED.
 - ASSUME ALL MASTIC ON PIPE INSULATION CONTAINS ASBESTOS AND MUST BE ABATED BY A LICENSED ABATEMENT SUBCONTRACTOR.
 - PRIOR TO START OF DEMOLITION WORK, GC SHALL ENSURE THAT A CURRENT VA PROVIDED HAZARDOUS MATERIAL SURVEY HAS BEEN CONDUCTED IDENTIFYING ALL HAZARDOUS MATERIAL FOUND IN SOW AREAS. GC TO VERIFY QUANTITIES AND LOCATIONS OF ALL HAZARDOUS MATERIALS FOUND TO BE REMOVED PRIOR TO DEMOLITION. REMOVAL TO BE IN ACCORDANCE WITH ANY REGULATORY PLANS OR APPROVALS IN STATE OF WEST VIRGINIA. APPROXIMATE QUANTITY TO BE REMOVED: ~ 2,000 FEET OF LINEAR PIPING.
- PLUMBING DEMOLITION KEYNOTES**
- ABANDON IN PLACE.
 - REMOVE PIPING AS SHOWN DASHED BEYOND THIS POINT. CAP AND SEAL AT MAIN.
 - NEW CONNECTION TO BE MADE AT THIS LOCATION. REMOVE PIPING AS SHOWN DASHED BEYOND THIS POINT.

1 PLUMBING - ENLARGED DEMOLITION PLAN, INTERSTITIAL FLOOR - AREA 2
 3/16" = 1'-0"



BASEMENT KEY PLAN - AREA 2
 NOT TO SCALE

VA CONTRACT NO: 36C24519C0171

100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
Revisions:	Date:

CONSULTANT

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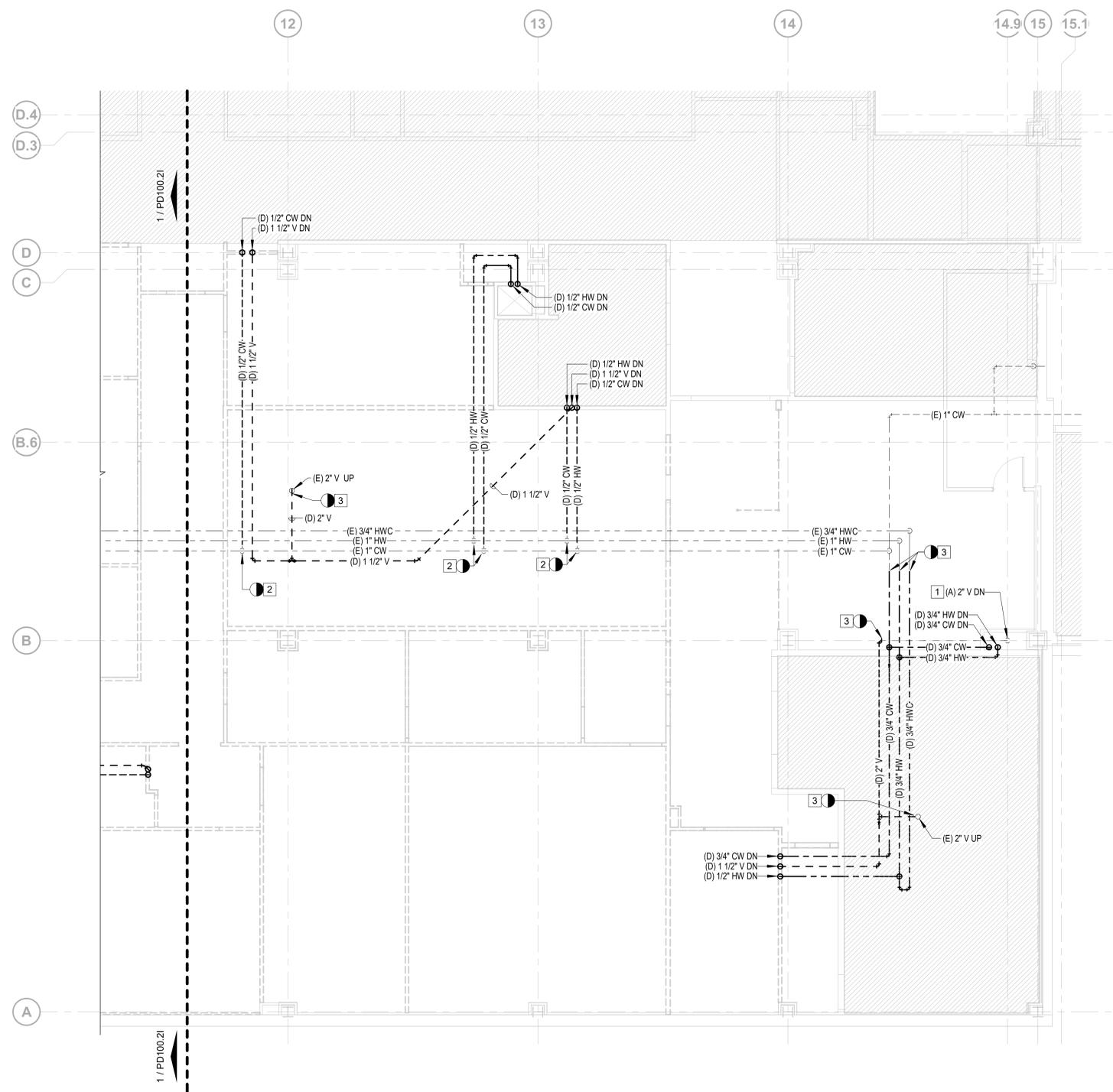
Drawing Title
PLUMBING - ENLARGED DEMOLITION PLAN, INTERSTITIAL FLOOR - AREA 2

Approved: Project Director

Phase
100% CONSTRUCTION DOCUMENTS

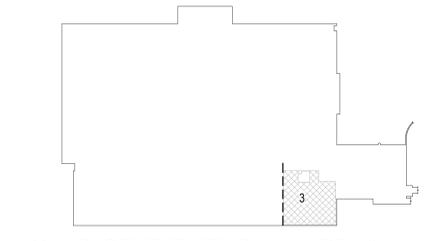
FULLY SPRINKLERED

Project Title RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN			Project Number 613-19-103
Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405			Building Number 500
Issue Date 07/23/21	Checked RAH	Drawn TE	Drawing Number PD100.21



- PLAN LEGEND**
- AREA NOT IN CONTRACT
- PLUMBING DEMOLITION GENERAL NOTES**
- A. CONTRACTOR TO COORDINATE WITH VA COR FOR ALL PLUMBING SERVICE OUTAGES.
 - B. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO FINISHES OR COMPONENTS NOT SCHEDULED FOR DEMOLITION. DAMAGED ITEMS SHALL BE REPLACED OR REPAIRED TO MEET OR EXCEED FORMER CONDITIONS.
 - C. EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
 - D. ABANDONED AND/OR DEAD LEG DOMESTIC WATER PIPING WILL NOT BE ALLOWED AND SHALL BE REMOVED EVEN IF NOT SHOWN ON DRAWINGS.
 - E. ALL PENETRATIONS SHALL BE SEALED WITH FIRE PROOFING.
 - F. REMOVE ALL ASSOCIATED VALVING, CLAMPS, HANGERS, SUPPORTS, ETC., ASSOCIATED WITH PIPING REMOVAL.
 - G. CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING PIPING NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
 - H. ALL ASSOCIATED PIPING SHALL INCLUDE BUT NOT BE LIMITED TO CW, HW, HWC, SANITARY, AND VENT PIPING.
 - I. ALL DOMESTIC PIPING BEING DEMOLISHED TO MAIN SHALL BE CAPPED 1.5X THE DIAMETER OF BRANCH PIPING. NO DEAD END OR STUBS ARE ALLOWED IN DOMESTIC WATER PIPING. ALL DEAD END PIPING MUST BE CAPPED.
 - J. ANY PIPING THAT CANNOT BE VALVED OFF MUST BE "FROZE". CONTRACTOR TO PROVIDE "FREEZE SHUT DOWN".
 - K. PATCH AND FILL CONCRETE SLAB WHERE DOMESTIC WATER AND VENT PIPING HAVE BEEN REMOVED.
 - L. ASSUME ALL MASTIC ON PIPE INSULATION CONTAINS ASBESTOS AND MUST BE ABATED BY A LICENSED ABATEMENT SUBCONTRACTOR.
 - M. PRIOR TO START OF DEMOLITION WORK, GC SHALL ENSURE THAT A CURRENT VA PROVIDED HAZARDOUS MATERIAL SURVEY HAS BEEN CONDUCTED IDENTIFYING ALL HAZARDOUS MATERIAL FOUND IN SOW AREAS. GC TO VERIFY QUANTITIES AND LOCATIONS OF ALL HAZARDOUS MATERIALS FOUND TO BE REMOVED PRIOR TO DEMOLITION. REMOVAL TO BE IN ACCORDANCE WITH ANY REGULATORY PLANS OR APPROVALS IN STATE OF WEST VIRGINIA. APPROXIMATE QUANTITY TO BE REMOVED: ~ 2,000 FEET OF LINEAR PIPING.
- PLUMBING DEMOLITION KEYNOTES**
- 1. ABANDON IN PLACE.
 - 2. REMOVE PIPING AS SHOWN DASHED BEYOND THIS POINT. CAP AND SEAL AT MAIN.
 - 3. NEW CONNECTION TO BE MADE AT THIS LOCATION. REMOVE PIPING AS SHOWN DASHED BEYOND THIS POINT.

1 PLUMBING - ENLARGED DEMOLITION PLAN, INTERSTITIAL FLOOR - AREA 3
 3/16" = 1'-0"
 0 4' 8' 12'



VA CONTRACT NO: 36C24519C0171

Project Title RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	Project Number 613-19-103
Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405	Building Number 500
Issue Date 07/23/21	Checked RAH
Drawn TE	Drawing Number PD100.31

CONSULTANT	
ARCHITECT/ENGINEER OF RECORD	
STAMP	
Office of Construction and Facilities Management	
VA U.S. Department of Veterans Affairs	

100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

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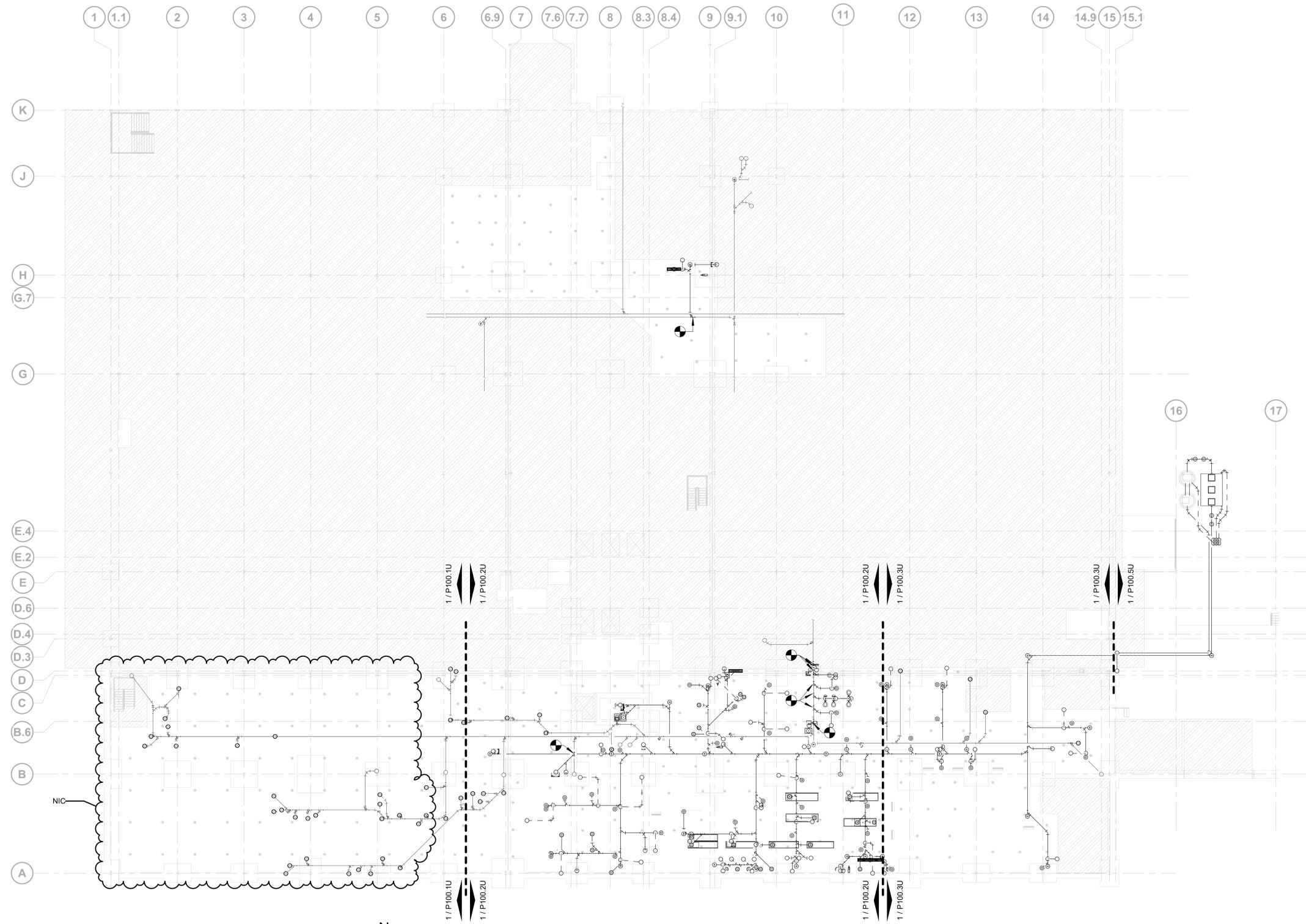
Drawing Title
 PLUMBING - ENLARGED DEMOLITION PLAN, INTERSTITIAL FLOOR - AREA 3

Approved: Project Director

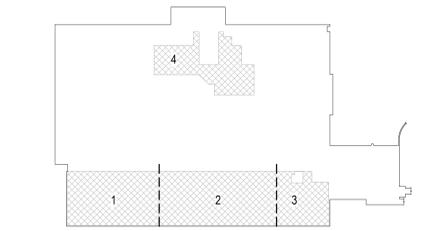
Phase
 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

PLAN LEGEND	
	AREA NOT IN CONTRACT
PLUMBING GENERAL NOTES	
A.	THIS OVERALL PLAN IS INTENDED TO GIVE AN OVERVIEW OF THE WORK. REFER TO CORRESPONDING ENLARGED PLANS FOR DETAILED INFORMATION.



1 PLUMBING - OVERALL FLOOR PLAN, UNDERGROUND
 1/16" = 1'-0"
 0 8' 16' 32'



BASEMENT KEY PLAN - OVERALL
 NOT TO SCALE

VA CONTRACT NO: 36C24519C0171

100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
60% DESIGN DEVELOPMENT SUBMISSION	09/11/2020
Revisions:	Date:

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STAMP

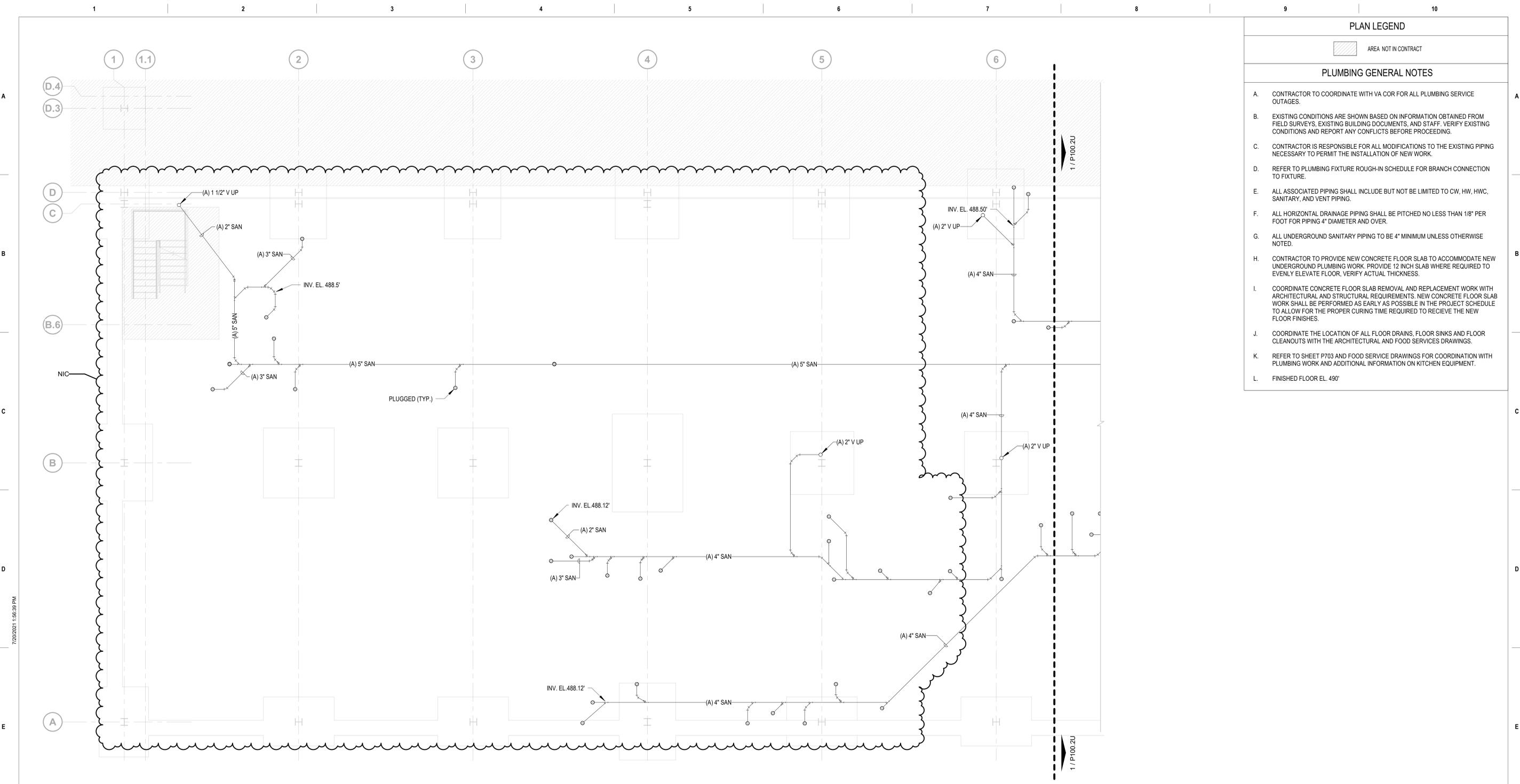
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title PLUMBING - OVERALL FLOOR PLAN, UNDERGROUND	Phase 100% CONSTRUCTION DOCUMENTS
Approved: Project Director	FULLY SPRINKLERED

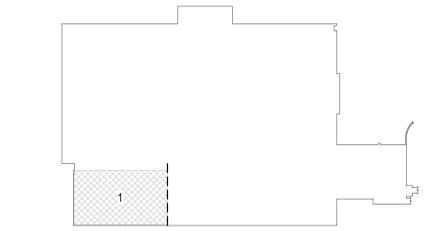
Project Title RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	Project Number 613-19-103
Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405	Building Number 500
Issue Date 07/23/21	Checked RAH
Drawn TE	Drawing Number P100U

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- PLAN LEGEND**
- AREA NOT IN CONTRACT
- PLUMBING GENERAL NOTES**
- CONTRACTOR TO COORDINATE WITH VA COR FOR ALL PLUMBING SERVICE OUTAGES.
 - EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
 - CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING PIPING NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
 - REFER TO PLUMBING FIXTURE ROUGH-IN SCHEDULE FOR BRANCH CONNECTION TO FIXTURE.
 - ALL ASSOCIATED PIPING SHALL INCLUDE BUT NOT BE LIMITED TO CW, HW, HWC, SANITARY, AND VENT PIPING.
 - ALL HORIZONTAL DRAINAGE PIPING SHALL BE PITCHED NO LESS THAN 1/8" PER FOOT FOR PIPING 4" DIAMETER AND OVER.
 - ALL UNDERGROUND SANITARY PIPING TO BE 4" MINIMUM UNLESS OTHERWISE NOTED.
 - CONTRACTOR TO PROVIDE NEW CONCRETE FLOOR SLAB TO ACCOMMODATE NEW UNDERGROUND PLUMBING WORK. PROVIDE 12 INCH SLAB WHERE REQUIRED TO EVENLY ELEVATE FLOOR, VERIFY ACTUAL THICKNESS.
 - COORDINATE CONCRETE FLOOR SLAB REMOVAL AND REPLACEMENT WORK WITH ARCHITECTURAL AND STRUCTURAL REQUIREMENTS. NEW CONCRETE FLOOR SLAB WORK SHALL BE PERFORMED AS EARLY AS POSSIBLE IN THE PROJECT SCHEDULE TO ALLOW FOR THE PROPER CURING TIME REQUIRED TO RECEIVE THE NEW FLOOR FINISHES.
 - COORDINATE THE LOCATION OF ALL FLOOR DRAINS, FLOOR SINKS AND FLOOR CLEANOUTS WITH THE ARCHITECTURAL AND FOOD SERVICES DRAWINGS.
 - REFER TO SHEET P703 AND FOOD SERVICE DRAWINGS FOR COORDINATION WITH PLUMBING WORK AND ADDITIONAL INFORMATION ON KITCHEN EQUIPMENT.
 - FINISHED FLOOR EL. 490'

1 PLUMBING - ENLARGED FLOOR PLAN, UNDERGROUND - AREA 1
 3/16" = 1'-0"
 0 4' 8' 12'



BASEMENT KEY PLAN - AREA 1
 NOT TO SCALE

VA CONTRACT NO: 36C24519C0171

100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
60% DESIGN DEVELOPMENT SUBMISSION	09/11/2020
Revisions:	Date:

CONSULTANT

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VA U.S. Department of Veterans Affairs

Drawing Title: PLUMBING - ENLARGED FLOOR PLAN, UNDERGROUND - AREA 1

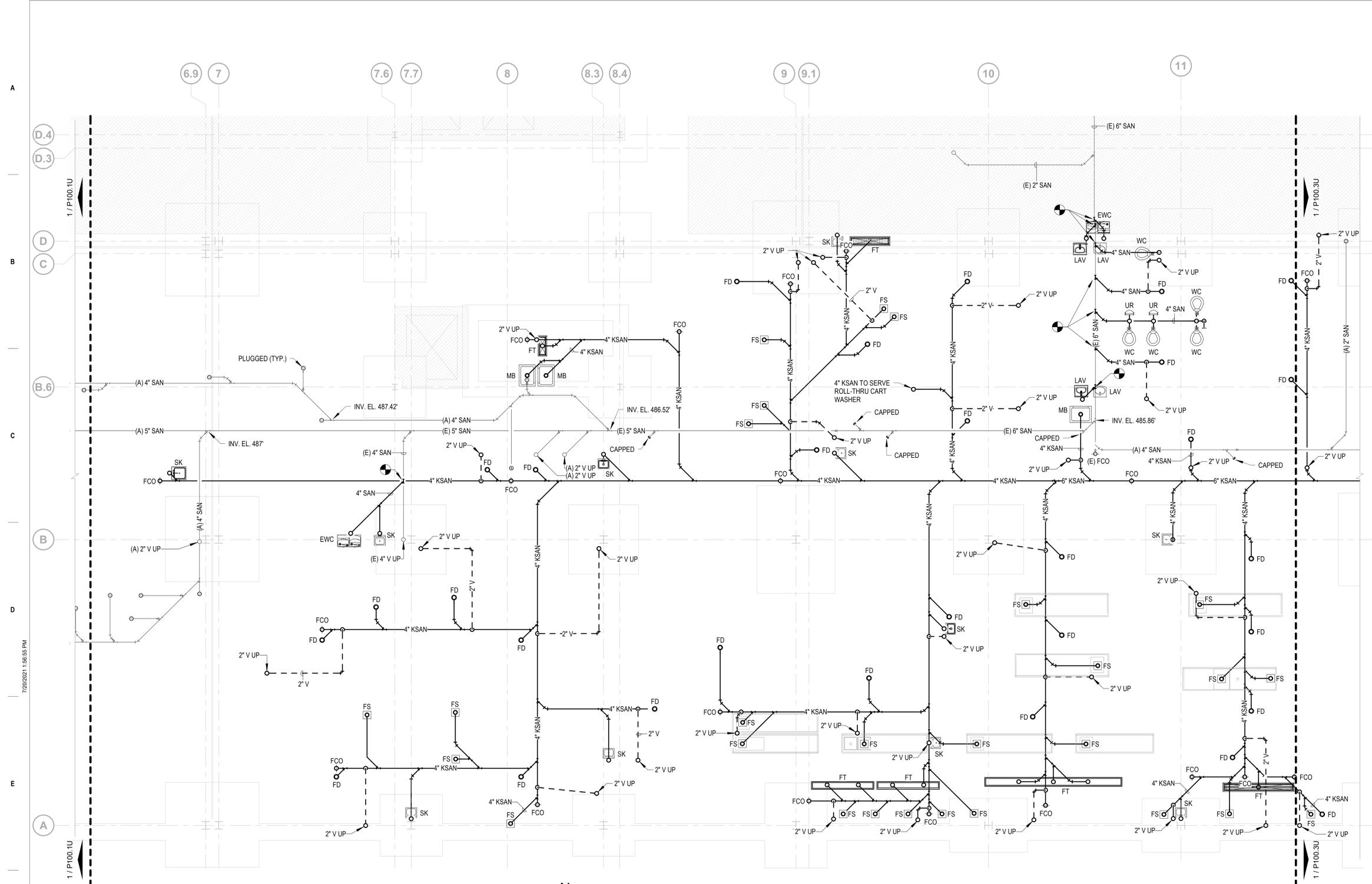
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Phase: 100% CONSTRUCTION DOCUMENTS

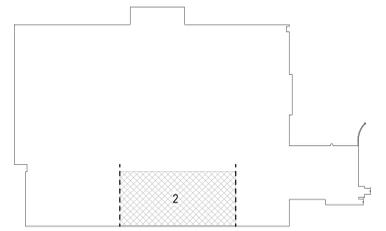
FULLY SPRINKLERED

Project Title: RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	Project Number: 613-19-103
Location: 510 BUTLER AVENUE, MARTINSBURG, WV 25405	Building Number: 500
Issue Date: 07/23/21	Checked: RAH
Drawn: TE	Drawing Number: P100.1U

PLAN LEGEND	
	AREA NOT IN CONTRACT
PLUMBING GENERAL NOTES	
A.	CONTRACTOR TO COORDINATE WITH VA COR FOR ALL PLUMBING SERVICE OUTAGES.
B.	EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
C.	CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING PIPING NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
D.	REFER TO PLUMBING FIXTURE ROUGH-IN SCHEDULE FOR BRANCH CONNECTION TO FIXTURE.
E.	ALL ASSOCIATED PIPING SHALL INCLUDE BUT NOT BE LIMITED TO CW, HW, HWC, SANITARY, AND VENT PIPING.
F.	ALL HORIZONTAL DRAINAGE PIPING SHALL BE PITCHED NO LESS THAN 1/8" PER FOOT FOR PIPING 4" DIAMETER AND OVER.
G.	ALL UNDERGROUND SANITARY PIPING TO BE 4" MINIMUM UNLESS OTHERWISE NOTED.
H.	CONTRACTOR TO PROVIDE NEW CONCRETE FLOOR SLAB TO ACCOMMODATE NEW UNDERGROUND PLUMBING WORK. PROVIDE 12 INCH SLAB WHERE REQUIRED TO EVENLY ELEVATE FLOOR, VERIFY ACTUAL THICKNESS.
I.	COORDINATE CONCRETE FLOOR SLAB REMOVAL AND REPLACEMENT WORK WITH ARCHITECTURAL AND STRUCTURAL REQUIREMENTS. NEW CONCRETE FLOOR SLAB WORK SHALL BE PERFORMED AS EARLY AS POSSIBLE IN THE PROJECT SCHEDULE TO ALLOW FOR THE PROPER CURING TIME REQUIRED TO RECEIVE THE NEW FLOOR FINISHES.
J.	COORDINATE THE LOCATION OF ALL FLOOR DRAINS, FLOOR SINKS AND FLOOR CLEANOUTS WITH THE ARCHITECTURAL AND FOOD SERVICES DRAWINGS.
K.	REFER TO SHEET P703 AND FOOD SERVICE DRAWINGS FOR COORDINATION WITH PLUMBING WORK AND ADDITIONAL INFORMATION ON KITCHEN EQUIPMENT.
L.	FINISHED FLOOR EL. 490'



1 PLUMBING - ENLARGED FLOOR PLAN, UNDERGROUND - AREA 2
 3/16" = 1'-0"



BASEMENT KEY PLAN - AREA 2
 NOT TO SCALE

VA CONTRACT NO: 36C24519C0171

100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
60% DESIGN DEVELOPMENT SUBMISSION	09/11/2020
Revisions:	Date:

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Drawing Title
 PLUMBING - ENLARGED FLOOR PLAN, UNDERGROUND - AREA 2

Approved: Project Director

Phase
 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title
 RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN

Location
 510 BUTLER AVENUE, MARTINSBURG, WV 25405

Issue Date
 07/23/21

Checked
 RAH

Drawn
 TE

Project Number
 613-19-103

Building Number
 500

Drawing Number
 P100.2U

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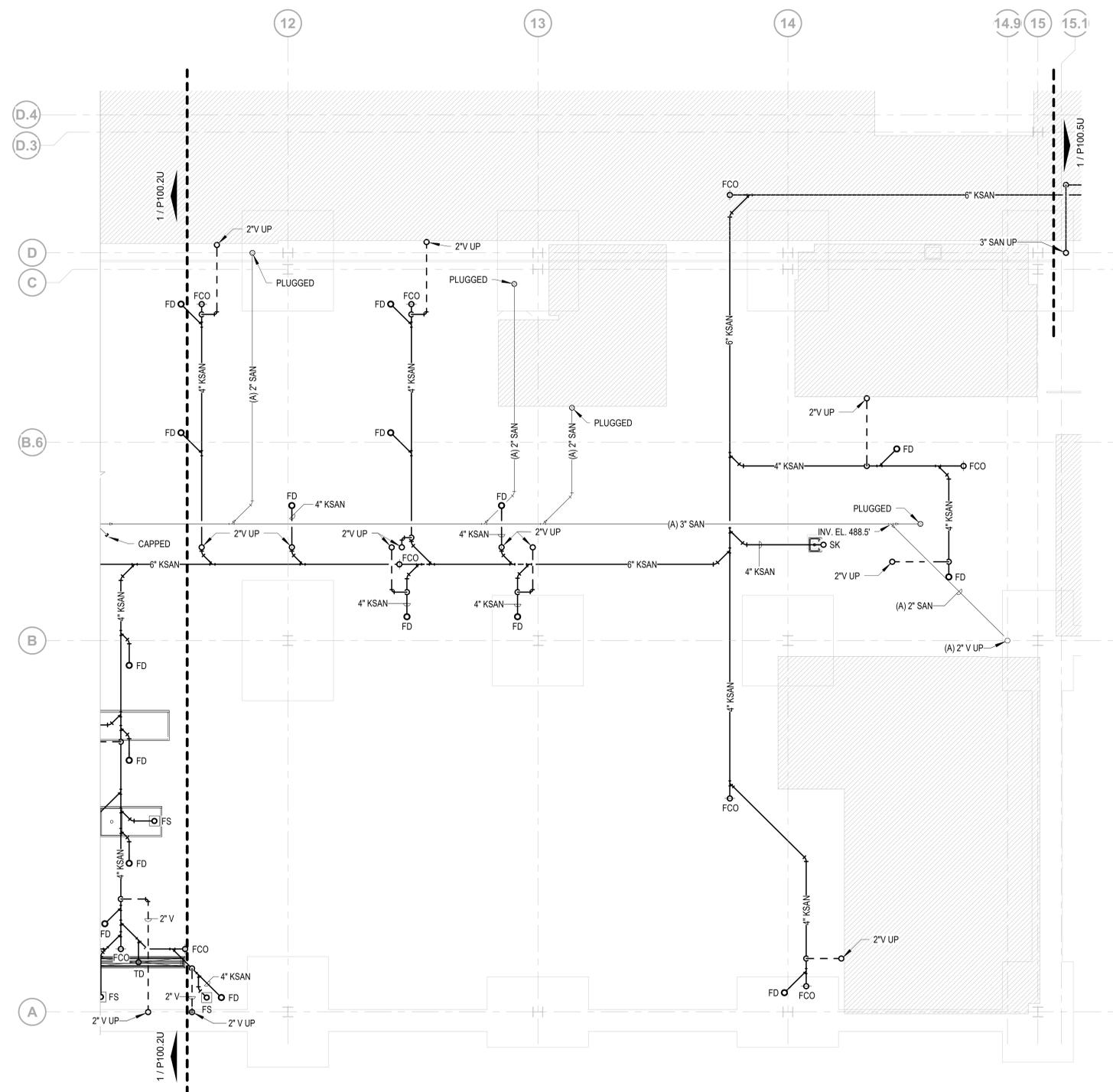
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PLAN LEGEND

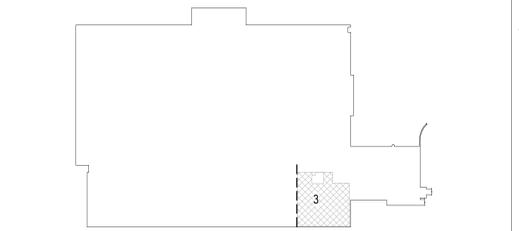
AREA NOT IN CONTRACT

PLUMBING GENERAL NOTES

- CONTRACTOR TO COORDINATE WITH VA COR FOR ALL PLUMBING SERVICE OUTAGES.
- EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
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- REFER TO SHEET P703 AND FOOD SERVICE DRAWINGS FOR COORDINATION WITH PLUMBING WORK AND ADDITIONAL INFORMATION ON KITCHEN EQUIPMENT.
- FINISHED FLOOR EL. 490'



1 PLUMBING - ENLARGED FLOOR PLAN, UNDERGROUND - AREA 3
 3/16" = 1'-0"
 0 4' 8' 12'



BASEMENT KEY PLAN - AREA 3

NOT TO SCALE

VA CONTRACT NO: 36C24519C0171

Project Title	RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	Project Number	613-19-103
Location	510 BUTLER AVENUE, MARTINSBURG, WV 25405	Building Number	500
Issue Date	07/23/21	Checked	RAH
Drawn	TE	Drawing Number	P100.3U

100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
60% DESIGN DEVELOPMENT SUBMISSION	09/11/2020
Revisions:	Date:

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Approved: Project Director

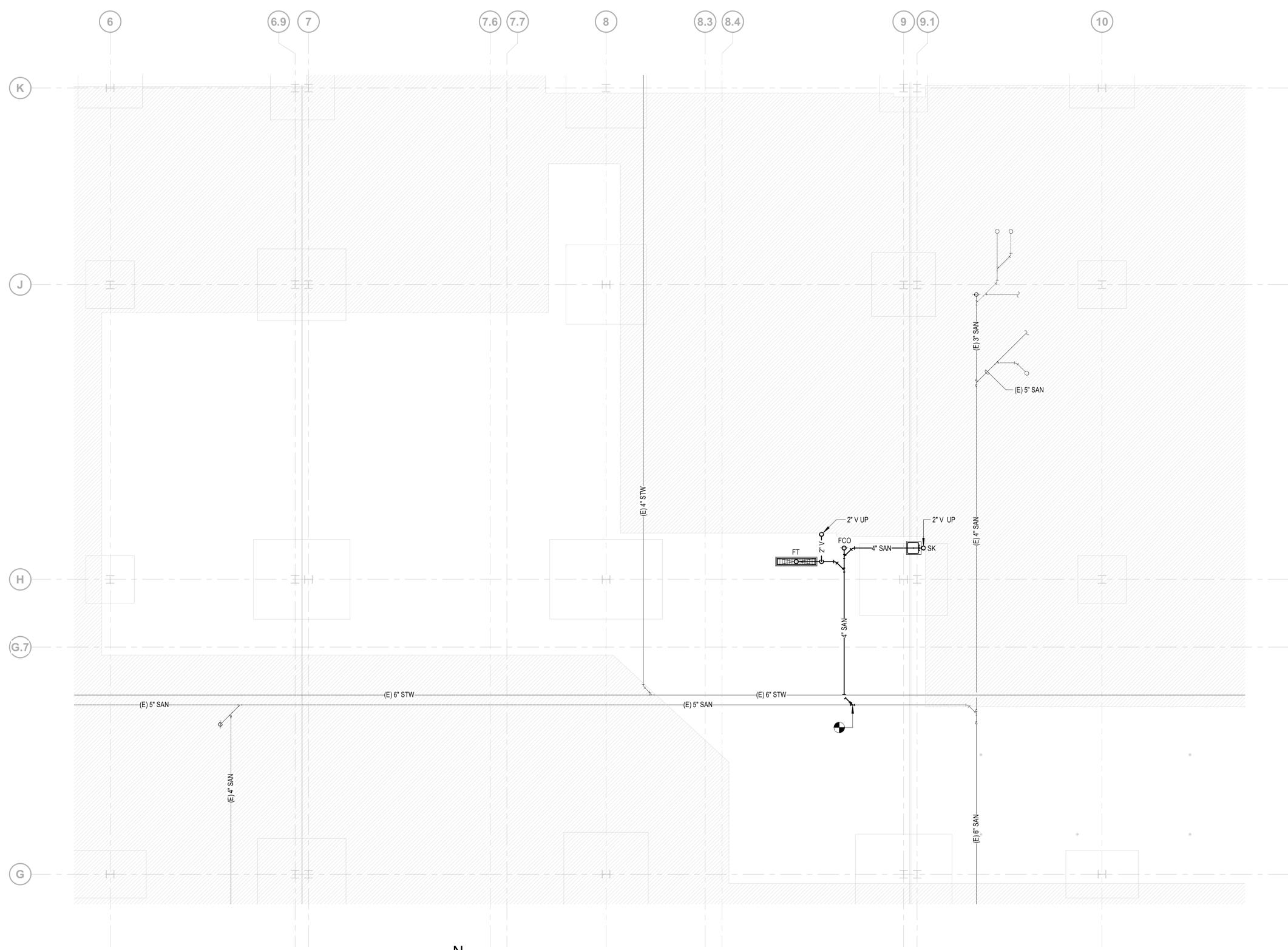
Phase

100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

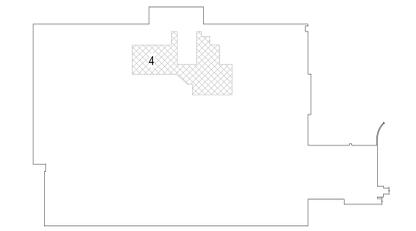
Project Title	RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	Project Number	613-19-103
Location	510 BUTLER AVENUE, MARTINSBURG, WV 25405	Building Number	500
Issue Date	07/23/21	Checked	RAH
Drawn	TE	Drawing Number	P100.3U

- PLAN LEGEND**
-  AREA NOT IN CONTRACT
- PLUMBING GENERAL NOTES**
- A. CONTRACTOR TO COORDINATE WITH VA COR FOR ALL PLUMBING SERVICE OUTAGES.
 - B. EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
 - C. CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING PIPING NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
 - D. REFER TO PLUMBING FIXTURE ROUGH-IN SCHEDULE FOR BRANCH CONNECTION TO FIXTURE.
 - E. ALL ASSOCIATED PIPING SHALL INCLUDE BUT NOT BE LIMITED TO CW, HW, HWC, SANITARY, AND VENT PIPING.
 - F. ALL HORIZONTAL DRAINAGE PIPING SHALL BE PITCHED NO LESS THAN 1/8" PER FOOT FOR PIPING 4" DIAMETER AND OVER.
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 - H. CONTRACTOR TO PROVIDE NEW CONCRETE FLOOR SLAB TO ACCOMMODATE NEW UNDERGROUND PLUMBING WORK. PROVIDE 12 INCH SLAB WHERE REQUIRED TO EVENLY ELEVATE FLOOR, VERIFY ACTUAL THICKNESS.
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 - J. COORDINATE THE LOCATION OF ALL FLOOR DRAINS, FLOOR SINKS AND FLOOR CLEANOUTS WITH THE ARCHITECTURAL AND FOOD SERVICES DRAWINGS.



1 PLUMBING - ENLARGED FLOOR PLAN, UNDERGROUND - AREA 4

3/16" = 1'-0"



BASEMENT KEY PLAN - AREA 4

NOT TO SCALE

VA CONTRACT NO: 36C24519C0171

100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
60% DESIGN DEVELOPMENT SUBMISSION	09/11/2020
Revisions:	Date:

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VA U.S. Department
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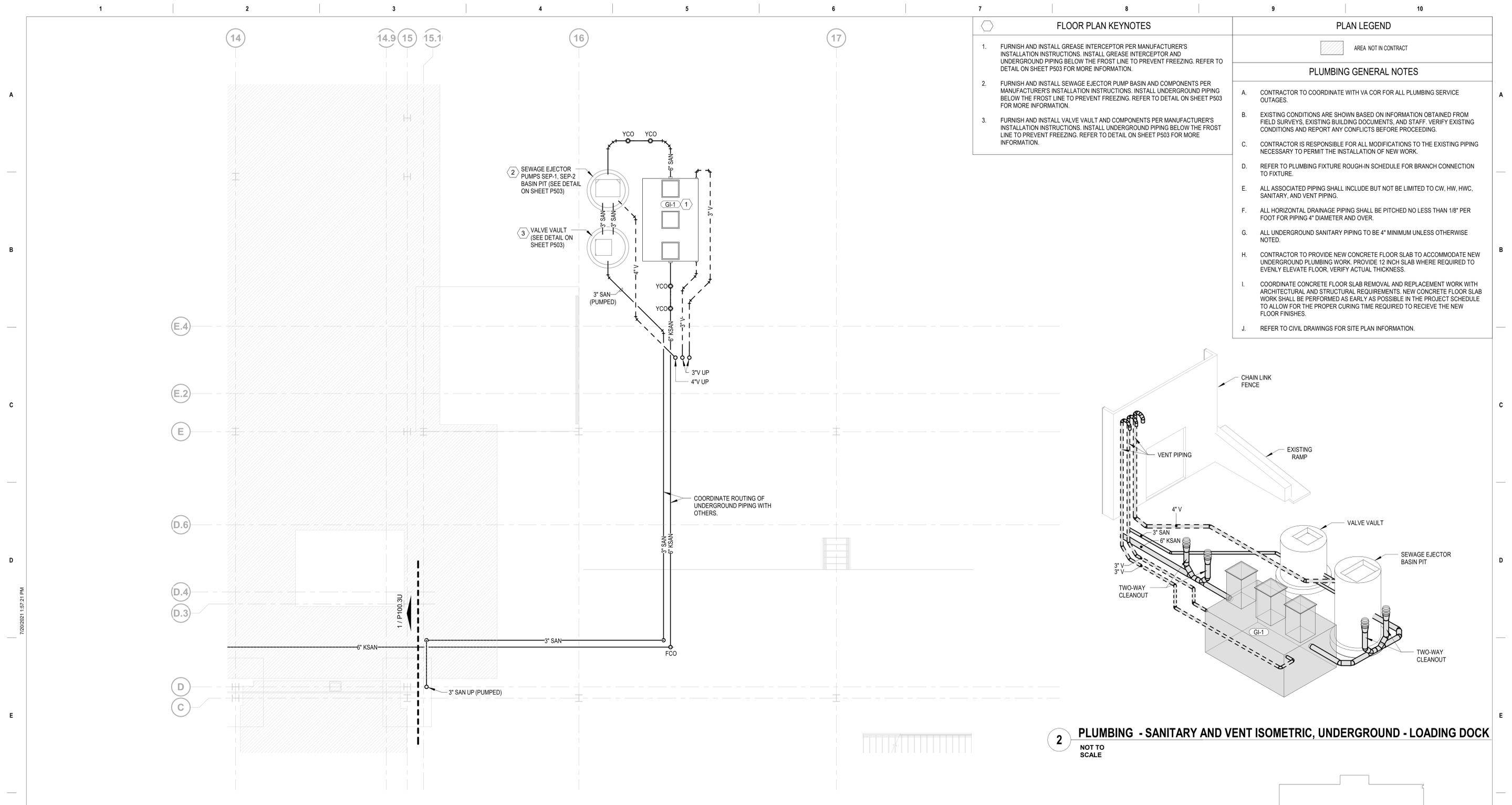
Drawing Title
PLUMBING - ENLARGED FLOOR PLAN,
UNDERGROUND - AREA 4

Approved: Project Director

Phase
100% CONSTRUCTION DOCUMENTS

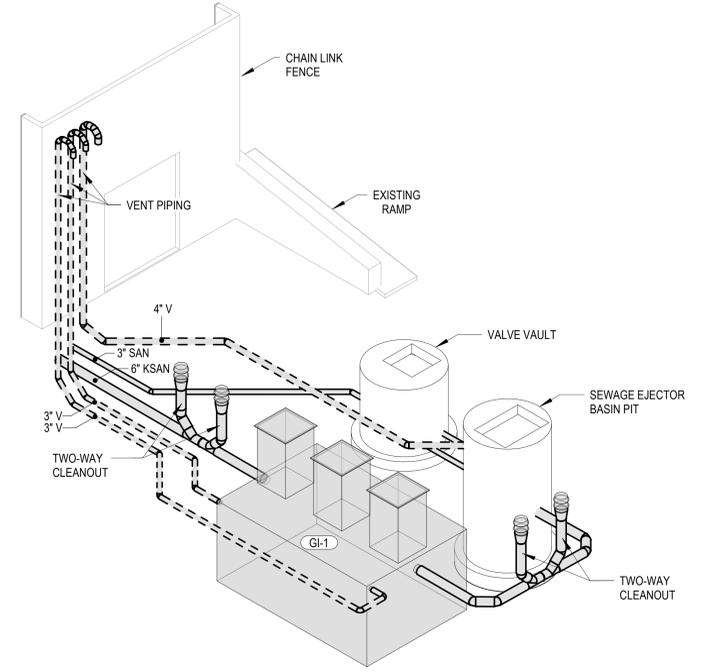
FULLY SPRINKLERED

Project Title RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN			Project Number 613-19-103
Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405			Building Number 500
Issue Date 07/23/21	Checked RAH	Drawn TE	Drawing Number P100.4U



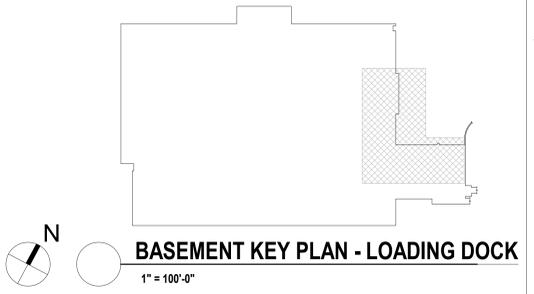
- ### FLOOR PLAN KEYNOTES
- FURNISH AND INSTALL GREASE INTERCEPTOR PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. INSTALL GREASE INTERCEPTOR AND UNDERGROUND PIPING BELOW THE FROST LINE TO PREVENT FREEZING. REFER TO DETAIL ON SHEET P503 FOR MORE INFORMATION.
 - FURNISH AND INSTALL SEWAGE EJECTOR PUMP BASIN AND COMPONENTS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. INSTALL UNDERGROUND PIPING BELOW THE FROST LINE TO PREVENT FREEZING. REFER TO DETAIL ON SHEET P503 FOR MORE INFORMATION.
 - FURNISH AND INSTALL VALVE VAULT AND COMPONENTS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. INSTALL UNDERGROUND PIPING BELOW THE FROST LINE TO PREVENT FREEZING. REFER TO DETAIL ON SHEET P503 FOR MORE INFORMATION.

- ### PLAN LEGEND
- AREA NOT IN CONTRACT
- ### PLUMBING GENERAL NOTES
- CONTRACTOR TO COORDINATE WITH VA COR FOR ALL PLUMBING SERVICE OUTAGES.
 - EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
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 - REFER TO CIVIL DRAWINGS FOR SITE PLAN INFORMATION.



2 PLUMBING - SANITARY AND VENT ISOMETRIC, UNDERGROUND - LOADING DOCK
NOT TO SCALE

1 PLUMBING - ENLARGED FLOOR PLAN, UNDERGROUND - LOADING DOCK
3/16" = 1'-0"



VA CONTRACT NO: 36C24519C0171

Project Title	RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	Project Number	613-19-103
Location	510 BUTLER AVENUE, MARTINSBURG, WV 25405	Building Number	500
Issue Date	07/23/21	Checked	RAH
		Drawn	TE
Drawing Number	P100.5U		

100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
Revisions:	Date:

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: PLUMBING - ENLARGED FLOOR PLAN, UNDERGROUND - LOADING DOCK

Phase: 100% CONSTRUCTION DOCUMENTS

Approved: Project Director

FULLY SPRINKLERED

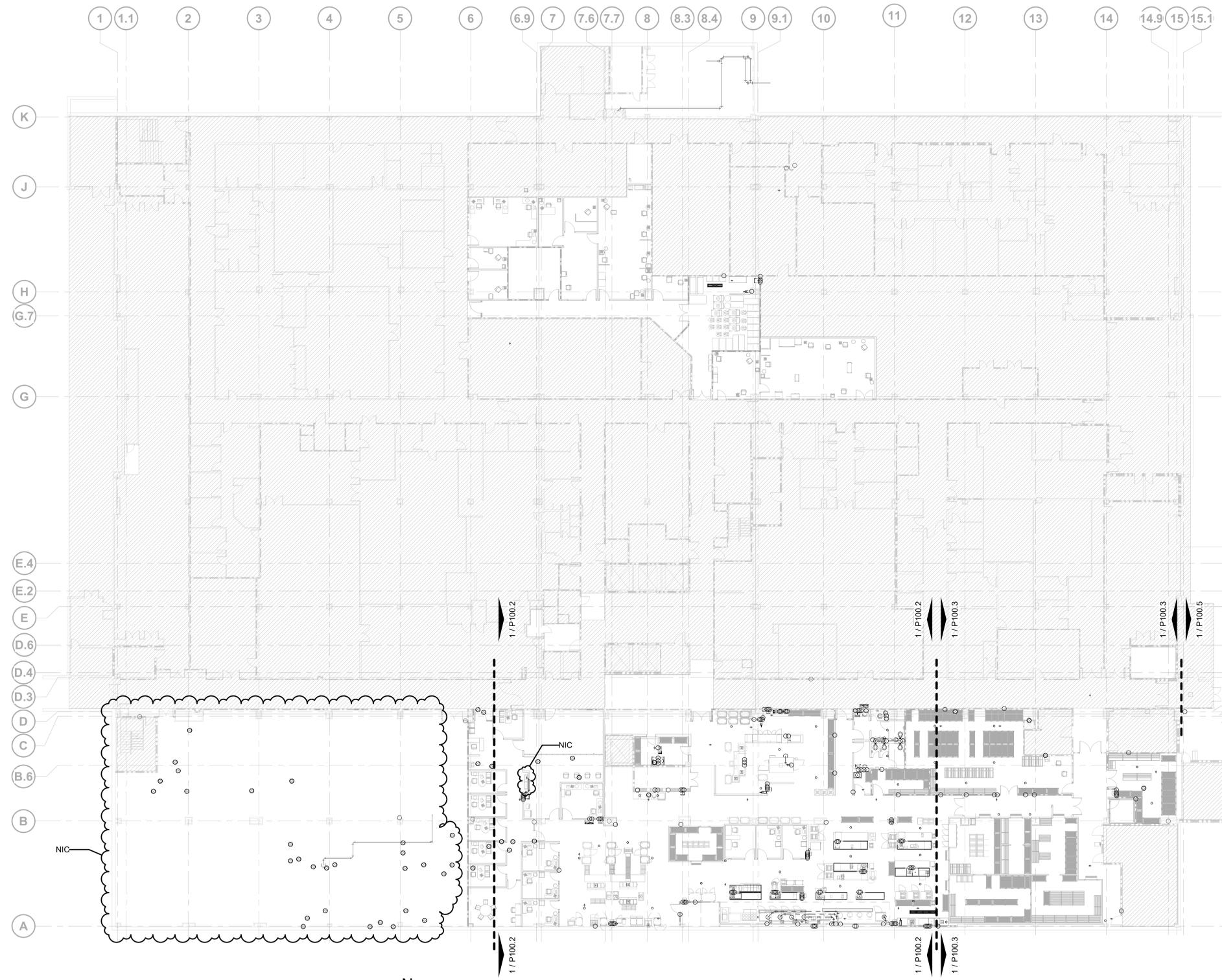
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PLAN LEGEND

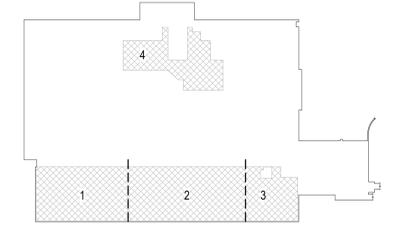
 AREA NOT IN CONTRACT
 2 HOUR FIRE & SMOKE SEPARATION
 1 HOUR FIRE & SMOKE SEPARATION

PLUMBING GENERAL NOTES

A. THIS OVERALL PLAN IS INTENDED TO GIVE AN OVERVIEW OF THE WORK. REFER TO CORRESPONDING ENLARGED PLANS FOR DETAILED INFORMATION.



1 PLUMBING - OVERALL FLOOR PLAN, BASEMENT FLOOR
 1/16" = 1'-0"
 0 8' 16' 32'



BASEMENT KEY PLAN - OVERALL
 NOT TO SCALE

VA CONTRACT NO: 36C24519C0171

100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
60% DESIGN DEVELOPMENT SUBMISSION	09/11/2020
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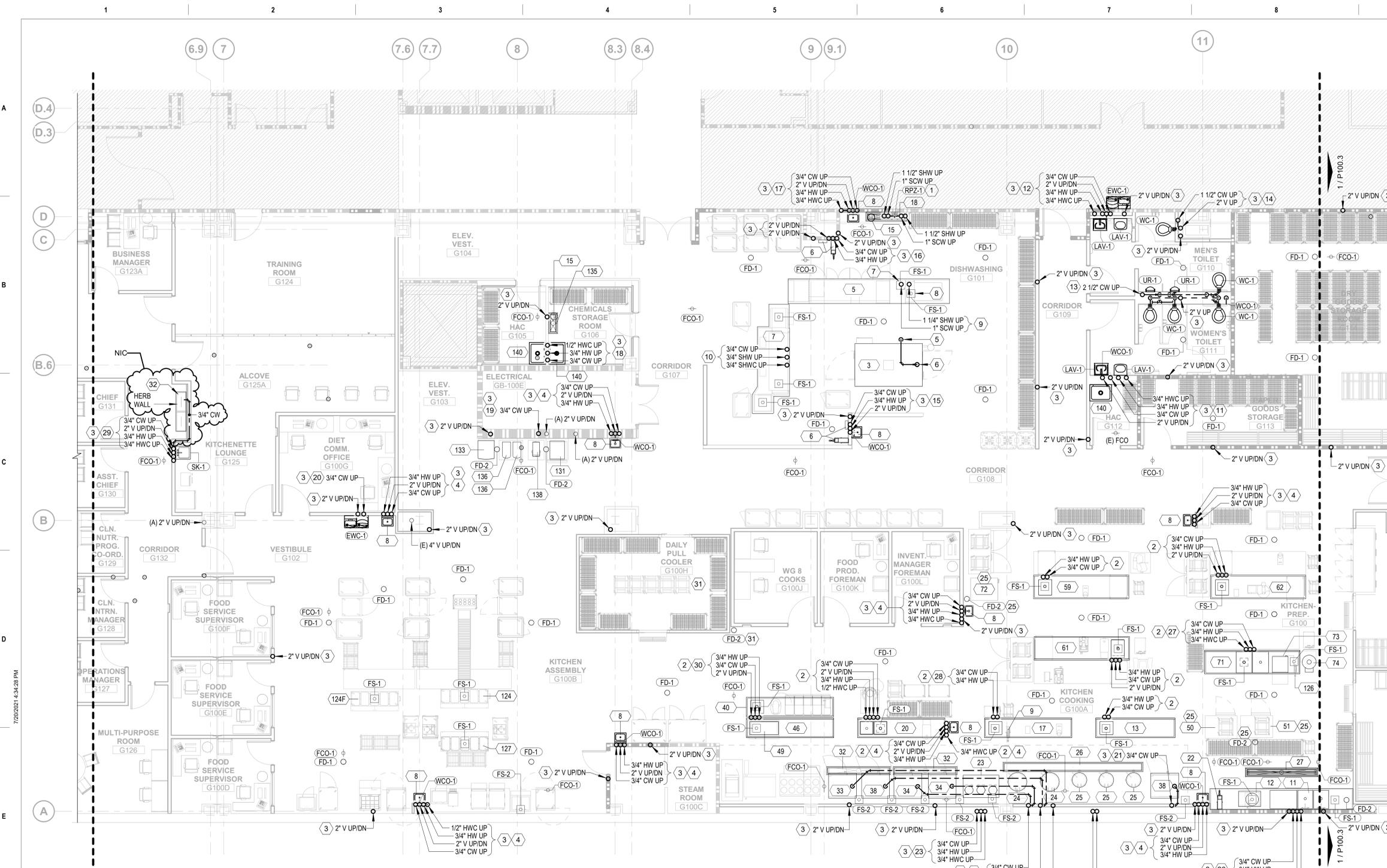
Drawing Title: PLUMBING - OVERALL FLOOR PLAN, BASEMENT FLOOR

Approved: Project Director

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN			Project Number: 613-19-103
Location: 510 BUTLER AVENUE, MARTINSBURG, WV 25405			Building Number: 500
Issue Date: 07/23/21	Checked: RAH	Drawn: TE	Drawing Number: P100



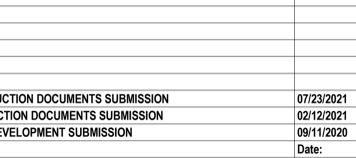
PLUMBING - ENLARGED FLOOR PLAN, BASEMENT FLOOR - AREA 2

3/16" = 1'-0"



BASEMENT KEY PLAN - AREA 2

NOT TO SCALE



PLAN LEGEND	
	AREA NOT IN CONTRACT
	2 HOUR FIRE & SMOKE SEPARATION
	1 HOUR FIRE & SMOKE SEPARATION
	KITCHEN EQUIPMENT (PROVIDED BY OTHERS)
	PLUMBING FIXTURE

- PLUMBING GENERAL NOTES**
- CONTRACTOR TO COORDINATE WITH VA COR FOR ALL PLUMBING SERVICE OUTAGES.
 - EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
 - CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING PIPING NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
 - REFER TO PLUMBING FIXTURE ROUGH-IN SCHEDULE FOR BRANCH CONNECTION TO FIXTURE.
 - ALL ASSOCIATED VENT PIPING SHALL INCLUDE BUT NOT BE LIMITED TO CW, HW, HWC, SANITARY, AND VENT PIPING.
 - ALL DOMESTIC WATER PIPING SHALL BE 3/4" Ø MINIMUM AND ALL VENT PIPING SHALL BE 2" Ø MINIMUM UNLESS OTHERWISE NOTED.
 - ALL PENETRATIONS SHALL BE SEALED WITH FIRE PROOFING.
 - ROUTE HOT WATER CIRCULATION PIPING DOWN WALL AND CONNECT 24" FROM PLUMBING FIXTURE OR AS CLOSE AS POSSIBLE.
 - COORDINATE CONCRETE FLOOR SLAB AND REPLACEMENT WORK WITH ARCHITECTURAL AND STRUCTURAL REQUIREMENTS. NEW CONCRETE FLOOR SLAB WORK SHALL BE PERFORMED AS EARLY AS POSSIBLE IN THE PROJECT SCHEDULE TO ALLOW FOR THE PROPER CURING TIME REQUIRED FOR THE FLOOR FINISHES.
 - COORDINATE THE LOCATION OF ALL FLOOR DRAINS, FLOOR SINKS, AND FLOOR CLEANOUTS WITH THE ARCHITECTURAL AND FOOD SERVICE DRAWINGS.
 - CONTRACTOR TO INSTALL FOOD SERVICE EQUIPMENT PER FOOD SERVICE DRAWINGS. REFER TO SHEET #703 AND FOOD SERVICE DRAWINGS FOR ALL KITCHEN EQUIPMENT AND COORDINATE WITH OTHER DISCIPLINES.

- FLOOR PLAN KEYNOTES**
- ROUTE DOMESTIC SOFT COLD AND HOT WATER TO REDUCED PRESSURE ZONE BACKFLOW PREVENTERS (RPZ-1). ROUTE DRAIN PIPING TO FLOOR THROUGH (#18). REFER TO DETAIL ON SHEET P502.
 - INSTALL PIPING INSIDE UTILITY DISTRIBUTION COLUMN TO SERVE THE WORKTABLE WITH SINK, COORDINATE WITH ARCHITECTURAL.
 - INSTALL PIPING INSIDE ARCHITECTURAL WALL/CHASE. COORDINATE WITH ARCHITECTURAL DRAWINGS.
 - ROUTE DOMESTIC WATER AND VENT PIPING TO SERVE HAND SINK (#8)
 - 1" SHW DN TO SERVE ROLL-THRU CART WASHER (#3) FAST FILL.
 - 1-1/2" SHW UP, 1-1/4" SHW DN TO SERVE ROLL-THRU CART WASHER (#3) FRESH WATER INLET. INSTALL RPZ-1 UPSTREAM OF FLOOR SINK.
 - ROUTE 2" DRAIN SERVING DISHWASHER (#5) TO OPEN SITE FLOOR SINK (FS-1).
 - ROUTE 3/4" HOT WATER RELIEF VALVE PIPING AND 3/4" STEAM RELIEF VALVE PIPING SERVING DISHWASHER (#5) TO OPEN SITE FLOOR SINK (FS-1).
 - ROUTE DOMESTIC SOFT WATER PIPING TO SERVE FLIGHT TYPE DISHWASHER (#5). PROVIDE WATER HAMMER ARRESTOR (WHA-1) ON FINAL RINSE WATER SUPPLY. REFER TO DETAIL ON SHEET P502. INSTALL RPZ-1 ON SHW AND SCW PIPING UPSTREAM OF UNIT, SEE NOTE 1.
 - ROUTE DOMESTIC WATER PIPING TO SERVE SOILED BREAKDOWN TABLE (#7).
 - ROUTE DOMESTIC WATER AND VENT PIPING TO SERVE LAVATORY SINKS (LAV-1) AND MOP BASIN (#140). INSTALL ELEVATED VACUUM BREAKER (7'-6" AFF) TO SERVE MOP BASIN.
 - ROUTE DOMESTIC WATER AND VENT PIPING TO SERVE LAVATORY SINKS (LAV-1) AND ELECTRIC WATER COOLER (EWC-1).
 - ROUTE CW AND VENT PIPING TO SERVE WATER CLOSETS (WC-1) AND URINALS (UR-1). INSTALL WATER HAMMER ARRESTOR (WHA-1) ON CW PIPING, REFER TO DETAIL ON SHEET P502.
 - ROUTE CW AND VENT PIPING TO SERVE INDIVIDUAL WATER CLOSET (WC-1). INSTALL WATER HAMMER ARRESTOR (WHA-1) ON CW PIPING, REFER TO DETAIL ON SHEET P502.
 - ROUTE DOMESTIC WATER PIPING TO SERVE HAND SINK (#8) AND TO REEL RINSE CONTROL BOX (PROVIDED BY OTHERS) TO SERVE HOSE REEL (#6).
 - ROUTE DOMESTIC WATER PIPING TO REEL RINSE CONTROL BOX (PROVIDED BY OTHERS) TO SERVE HOSE REEL (#6).
 - ROUTE DOMESTIC WATER AND VENT PIPING TO SERVE HAND SINK (#8) AND EYE WASH (#15).
 - ROUTE DOMESTIC WATER PIPING TO SERVE TWO (2) MOP BASINS (#140) AND EYE WASH (#15). INSTALL ELEVATED VACUUM BREAKERS (7'-6" AFF) TO SERVE MOP BASINS.
 - ROUTE COLD WATER PIPING TO SERVE ICE MAKERS (#131 AND #133), TWO (2) COFFEE MAKERS (#136) AND ICE TEA BREWER (#138). PROVIDE BACK FLOW PROTECTION (BFP-1) UPSTREAM OF EQUIPMENT.
 - ROUTE CW PIPING TO SERVE ELECTRIC WATER COOLER (EWC-1).
 - ROUTE CW PIPING TO SERVE COMBINATION OVEN (#38). INSTALL WATER FILTRATION SYSTEM PROVIDED BY OTHERS AND BACK FLOW PROTECTION (BFP-1) UPSTREAM OF COMBI-OVEN UNIT.

- FLOOR PLAN KEYNOTES**
- ROUTE DOMESTIC WATER PIPING TO MIXING VALVE (PROVIDED BY OTHERS) TO SERVE HOSE REEL (#9)
 - ROUTE DOMESTIC WATER AND VENT PIPING TO SERVE SINK (SK-1).
 - ROUTE DOMESTIC WATER PIPING TO SERVE 3 PAN HOT FOOD WELL (#49).
 - ROUTE CONDENSATE DRAIN FROM DAILY PULL COOLER EVAPORATORS TO THE FUNNEL FLOOR DRAIN. REFER TO DETAIL ON SHEET P502.
 - ROUTE 3/4" CW PIPING TO HERB WALL. HARD CONNECT DRAIN FROM HERB WALL TO SINK DRAIN IN KITCHENETTE.

- FLOOR PLAN KEYNOTES**
- ROUTE TWO (2) CW PIPING TO SERVE FOUR (4) COMBINATION OVENS, (#33, TWO (2) #34 AND #38). INSTALL WATER FILTRATION SYSTEM AND BACK FLOW PROTECTION (BFP-1) UPSTREAM OF COMBI-OVEN UNIT(S).
 - ROUTE DOMESTIC WATER PIPING TO SERVE KETTLES WITH STANDS (#23).
 - ROUTE DOMESTIC WATER PIPING TO SERVE STEAM KETTLES (TWO (2) #24 AND THREE (3) #25).
 - ROUTE CONDENSATE PIPING FROM ROLL-IN BLAST FREEZER (#50, #51 AND #72) TO FUNNEL FLOOR DRAIN.
 - ROUTE DOMESTIC WATER PIPING TO SERVE POWER SOAK SINK (#11), SCRAPPER COLLECTOR (#12) AND HOSE REEL (#22).
 - ROUTE DOMESTIC WATER PIPING TO SERVE DISHWASHER (#73), POTATO PEELER (#74) AND HOSE REEL (#126).

100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
60% DESIGN DEVELOPMENT SUBMISSION	09/11/2020
Revisions:	Date:

CONSULTANT	
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

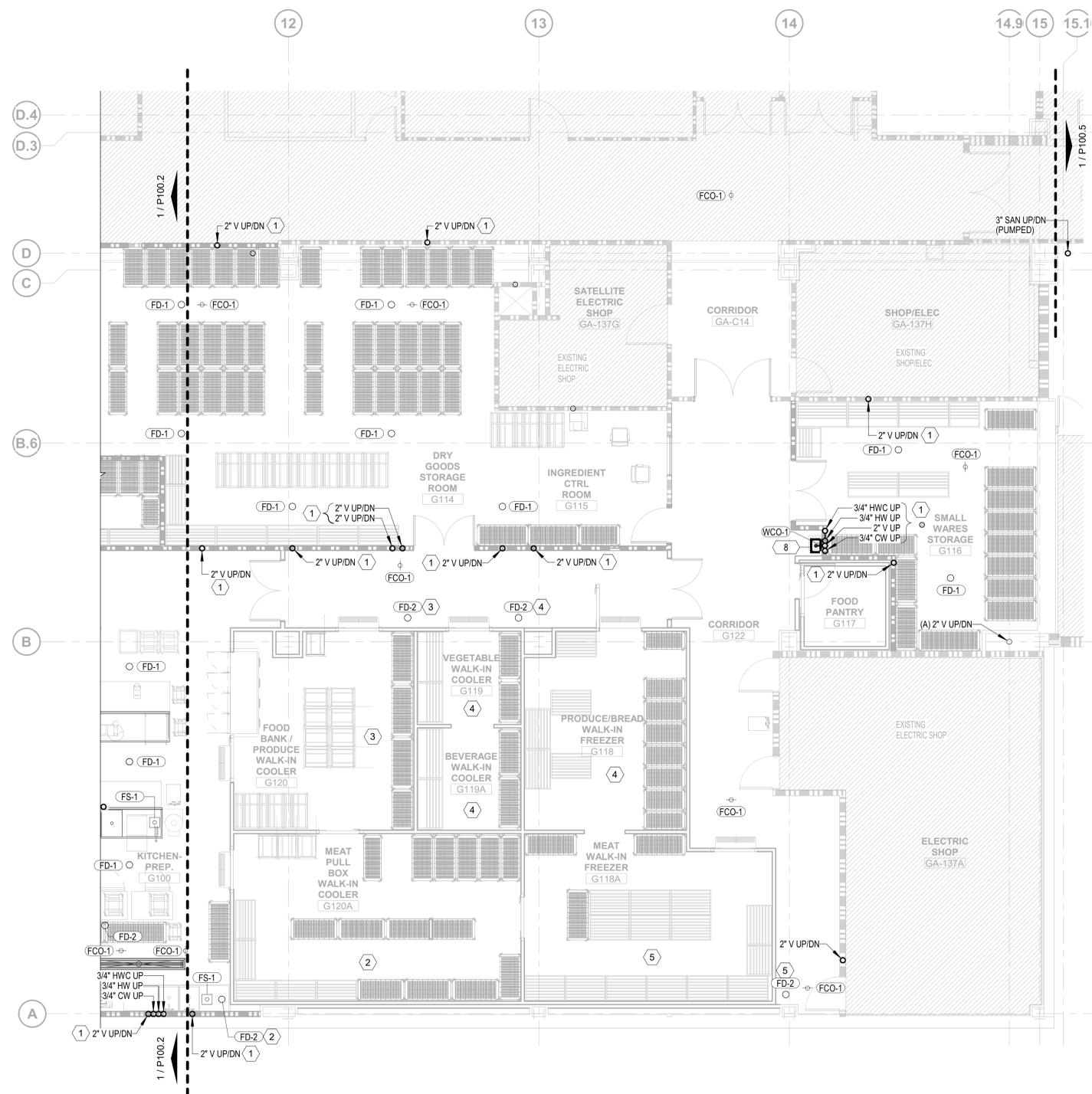
Drawing Title
PLUMBING - ENLARGED FLOOR PLAN, BASEMENT FLOOR - AREA 2

Approved: Project Director

Phase
100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	Project Number 613-19-103
Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405	Building Number 500
Issue Date 07/23/21	Checked RAH
Drawn TE	Drawing Number P100.2



1 PLUMBING - ENLARGED FLOOR PLAN, BASEMENT FLOOR - AREA 3
 3/16" = 1'-0"
 0 4' 8' 12'

- PLAN LEGEND**
- AREA NOT IN CONTRACT
 - 2 HOUR FIRE & SMOKE SEPARATION
 - 1 HOUR FIRE & SMOKE SEPARATION
 - KITCHEN EQUIPMENT (PROVIDED BY OTHERS)
 - PLUMBING FIXTURE
- PLUMBING GENERAL NOTES**
- A. CONTRACTOR TO COORDINATE WITH VA COR FOR ALL PLUMBING SERVICE OUTAGES.
 - B. EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
 - C. CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING PIPING NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
 - D. REFER TO PLUMBING FIXTURE ROUGH-IN SCHEDULE FOR BRANCH CONNECTION TO FIXTURE.
 - E. ALL ASSOCIATED PIPING SHALL INCLUDE BUT NOT BE LIMITED TO CW, HW, HWC, SANITARY, AND VENT PIPING.
 - F. ALL DOMESTIC WATER PIPING SHALL BE 3/4"Ø MINIMUM AND ALL VENT PIPING SHALL BE 2"Ø MINIMUM UNLESS OTHERWISE NOTED.
 - G. ALL PENETRATIONS SHALL BE SEALED WITH FIRE PROOFING.
 - H. ROUTE HOT WATER CIRCULATION PIPING DOWN WALL AND CONNECT 24" FROM PLUMBING FIXTURE OR AS CLOSE AS POSSIBLE.
 - I. COORDINATE CONCRETE FLOOR SLAB AND REPLACEMENT WORK WITH ARCHITECTURAL AND STRUCTURAL REQUIREMENTS. NEW CONCRETE FLOOR SLAB WORK SHALL BE PERFORMED AS EARLY AS POSSIBLE IN THE PROJECT SCHEDULE TO ALLOW FOR THE PROPER CURING TIME REQUIRED THE NEW FLOOR FINISHES.
 - J. COORDINATE THE LOCATION OF ALL FLOOR DRAINS, FLOOR SINKS, AND FLOOR CLEANOUTS WITH THE ARCHITECTURAL AND FOOD SERVICES DRAWINGS.
 - K. CONTRACTOR TO INSTALL FOOD SERVICE EQUIPMENT PER FOOD SERVICE DRAWINGS. REFER TO SHEET P703 AND FOOD SERVICE DRAWINGS FOR ALL KITCHEN EQUIPMENT AND COORDINATE WITH OTHER DISCIPLINES.
- FLOOR PLAN KEYNOTES**
1. INSTALL PIPING INSIDE ARCHITECTURAL WALL/CHASE. COORDINATE WITH ARCHITECTURAL DRAWINGS.
 2. ROUTE CONDENSATE DRAIN FROM MEAT PULL BOX COOLER EVAPORATORS TO THE FUNNEL FLOOR DRAIN. REFER TO DETAIL ON SHEET P502.
 3. ROUTE CONDENSATE DRAIN FROM FOOD BANK/PRODUCE COOLER EVAPORATORS TO THE FUNNEL FLOOR DRAIN. REFER TO DETAIL ON SHEET P502.
 4. ROUTE CONDENSATE DRAIN FROM VEGETABLE COOLER, BEVERAGE COOLER AND PRODUCE/BREAD FREEZER EVAPORATORS TO THE FUNNEL FLOOR DRAIN. HEAT TRACING TO BE INSTALLED ON PRODUCE/BREAD FREEZER DRAIN LINE. REFER TO DETAIL ON SHEET P502.
 5. ROUTE CONDENSATE DRAIN WITH HEAT TRACING FROM MEAT FREEZER EVAPORATORS TO THE FUNNEL FLOOR DRAIN. REFER TO DETAIL ON SHEET P502.
 6. ROUTE CONDENSATE DRAIN WITH HEAT TRACING FROM COMPOST FREEZER EVAPORATORS TO THE FUNNEL FLOOR DRAIN. REFER TO DETAIL ON SHEET P502.



BASEMENT KEY PLAN - AREA 3
 NOT TO SCALE

VA CONTRACT NO: 36C24519C0171

Project Title	RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	Project Number	613-19-103
Location	510 BUTLER AVENUE, MARTINSBURG, WV 25405	Building Number	500
Issue Date	07/23/21	Checked	RAH
		Drawn	TE
Drawing Number	P100.3		

100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2020
60% DESIGN DEVELOPMENT SUBMISSION	09/11/2020
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

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 VA U.S. Department of Veterans Affairs

Drawing Title
 PLUMBING - ENLARGED FLOOR PLAN, BASEMENT FLOOR - AREA 3

Approved: Project Director

Phase
 100% CONSTRUCTION DOCUMENTS

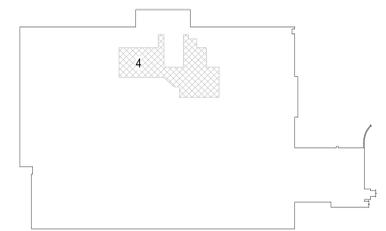
FULLY SPRINKLERED



PLAN LEGEND	
	AREA NOT IN CONTRACT
	2 HOUR FIRE & SMOKE SEPARATION
	1 HOUR FIRE & SMOKE SEPARATION
	KITCHEN EQUIPMENT (PROVIDED BY OTHERS)
	PLUMBING FIXTURE

- PLUMBING GENERAL NOTES**
- A. CONTRACTOR TO COORDINATE WITH VA COR FOR ALL PLUMBING SERVICE OUTAGES.
 - B. EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
 - C. CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING PIPING NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
 - D. REFER TO PLUMBING FIXTURE ROUGH-IN SCHEDULE FOR BRANCH CONNECTION TO FIXTURE.
 - E. ALL ASSOCIATED PIPING SHALL INCLUDE BUT NOT BE LIMITED TO CW, HW, HWC, SANITARY, AND VENT PIPING.
 - F. ALL DOMESTIC WATER PIPING SHALL BE 3/4"Ø MINIMUM AND ALL VENT PIPING SHALL BE 2"Ø MINIMUM UNLESS OTHERWISE NOTED.
 - G. ALL PENETRATIONS SHALL BE SEALED WITH FIRE PROOFING.
 - H. ROUTE HOT WATER RECIRCULATION PIPING DOWN WALL AND CONNECT 24" FROM PLUMBING FIXTURE OR AS CLOSE AS POSSIBLE.
 - I. COORDINATE CONCRETE FLOOR SLAB AND REPLACEMENT WORK WITH ARCHITECTURAL AND STRUCTURAL REQUIREMENTS. NEW CONCRETE FLOOR SLAB WORK SHALL BE PERFORMED AS EARLY AS POSSIBLE IN THE PROJECT SCHEDULE TO ALLOW FOR THE PROPER CURING TIME REQUIRED THE NEW FLOOR FINISHES.
 - J. COORDINATE THE LOCATION OF ALL FLOOR DRAINS, FLOOR SINKS, AND FLOOR CLEANOUTS WITH THE ARCHITECTURAL AND FOOD SERVICES DRAWINGS.

- FLOOR PLAN KEYNOTES**
- 1. INSTALL PIPING INSIDE ARCHITECTURAL WALL/CHASE. COORDINATE WITH ARCHITECTURAL DRAWINGS.
 - 2. PROVIDE ISOLATION VALVE ON CW PIPING IN AN ACCESSIBLE LOCATION.



1 PLUMBING - ENLARGED FLOOR PLAN, BASEMENT FLOOR - AREA 4
 3/16" = 1'-0"
 0 4 8 12

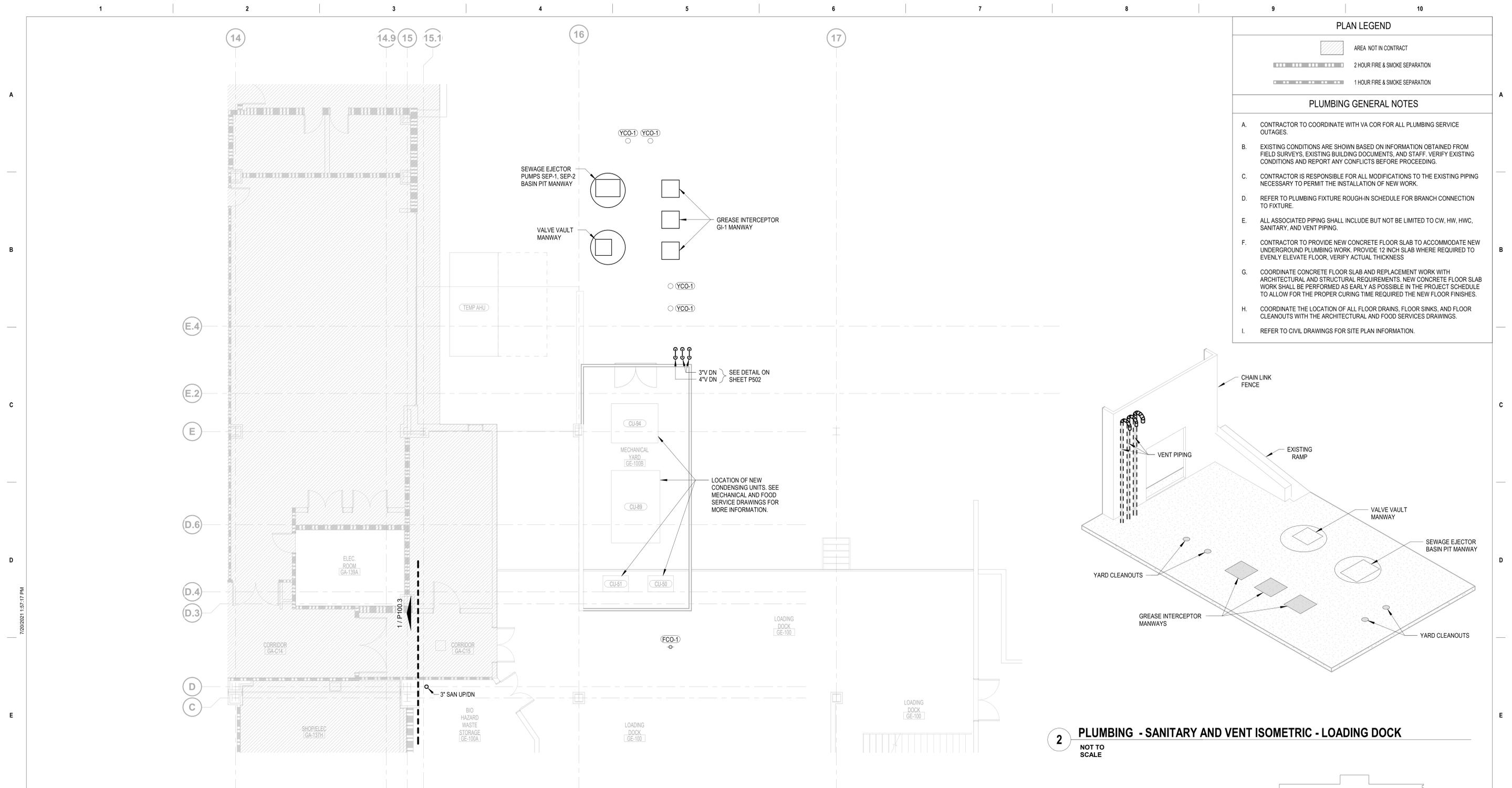
BASEMENT KEY PLAN - AREA 4
 NOT TO SCALE

VA CONTRACT NO: 36C24519C0171

Project Title	Project Number		
RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	613-19-103		
Location	Building Number		
510 BUTLER AVENUE, MARTINSBURG, WV 25405	500		
Issue Date	Checked	Drawn	Drawing Number
07/23/21	RAH	TE	P100.4

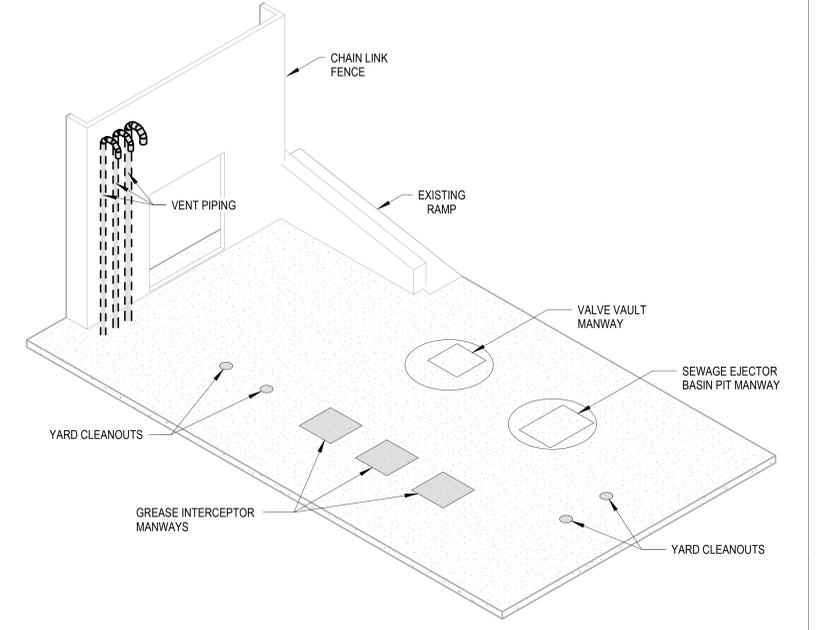
Revisions:	Date:
100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
60% DESIGN DEVELOPMENT SUBMISSION	09/11/2020

CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	Drawing Title	Phase	Project Title	Project Number
	<i>Bancroft</i> BANCROFT ARCHITECTS + ENGINEERS 700 Nicholas Blvd, Suite 300 Elk Grove Village, IL 60007 T: 847.952.9362 F: 847.952.9403 www.bancroft-ae.com		PLUMBING - ENLARGED FLOOR PLAN, BASEMENT FLOOR - AREA 4	100% CONSTRUCTION DOCUMENTS	RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	613-19-103
			Approved: Project Director	FULLY SPRINKLERED	Location	Building Number
					510 BUTLER AVENUE, MARTINSBURG, WV 25405	500
					Issue Date	Checked
					07/23/21	RAH
					Drawn	Drawing Number
					TE	P100.4



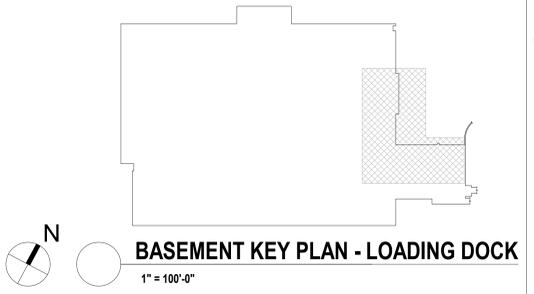
PLAN LEGEND	
	AREA NOT IN CONTRACT
	2 HOUR FIRE & SMOKE SEPARATION
	1 HOUR FIRE & SMOKE SEPARATION

- PLUMBING GENERAL NOTES**
- CONTRACTOR TO COORDINATE WITH VA COR FOR ALL PLUMBING SERVICE OUTAGES.
 - EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
 - CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING PIPING NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
 - REFER TO PLUMBING FIXTURE ROUGH-IN SCHEDULE FOR BRANCH CONNECTION TO FIXTURE.
 - ALL ASSOCIATED PIPING SHALL INCLUDE BUT NOT BE LIMITED TO CW, HW, HWC, SANITARY, AND VENT PIPING.
 - CONTRACTOR TO PROVIDE NEW CONCRETE FLOOR SLAB TO ACCOMMODATE NEW UNDERGROUND PLUMBING WORK. PROVIDE 12 INCH SLAB WHERE REQUIRED TO EVENLY ELEVATE FLOOR. VERIFY ACTUAL THICKNESS.
 - COORDINATE CONCRETE FLOOR SLAB AND REPLACEMENT WORK WITH ARCHITECTURAL AND STRUCTURAL REQUIREMENTS. NEW CONCRETE FLOOR SLAB WORK SHALL BE PERFORMED AS EARLY AS POSSIBLE IN THE PROJECT SCHEDULE TO ALLOW FOR THE PROPER CURING TIME REQUIRED FOR THE NEW FLOOR FINISHES.
 - COORDINATE THE LOCATION OF ALL FLOOR DRAINS, FLOOR SINKS, AND FLOOR CLEANOUTS WITH THE ARCHITECTURAL AND FOOD SERVICES DRAWINGS.
 - REFER TO CIVIL DRAWINGS FOR SITE PLAN INFORMATION.



2 PLUMBING - SANITARY AND VENT ISOMETRIC - LOADING DOCK
NOT TO SCALE

1 PLUMBING - ENLARGED FLOOR PLAN, BASEMENT FLOOR - LOADING DOCK
3/16" = 1'-0"
0 4' 8' 12'



BASEMENT KEY PLAN - LOADING DOCK
1" = 100'-0"

100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

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VA U.S. Department of Veterans Affairs

Drawing Title: PLUMBING - ENLARGED FLOOR PLAN, BASEMENT FLOOR - LOADING DOCK

Phase: 100% CONSTRUCTION DOCUMENTS

Approved: Project Director

FULLY SPRINKLERED

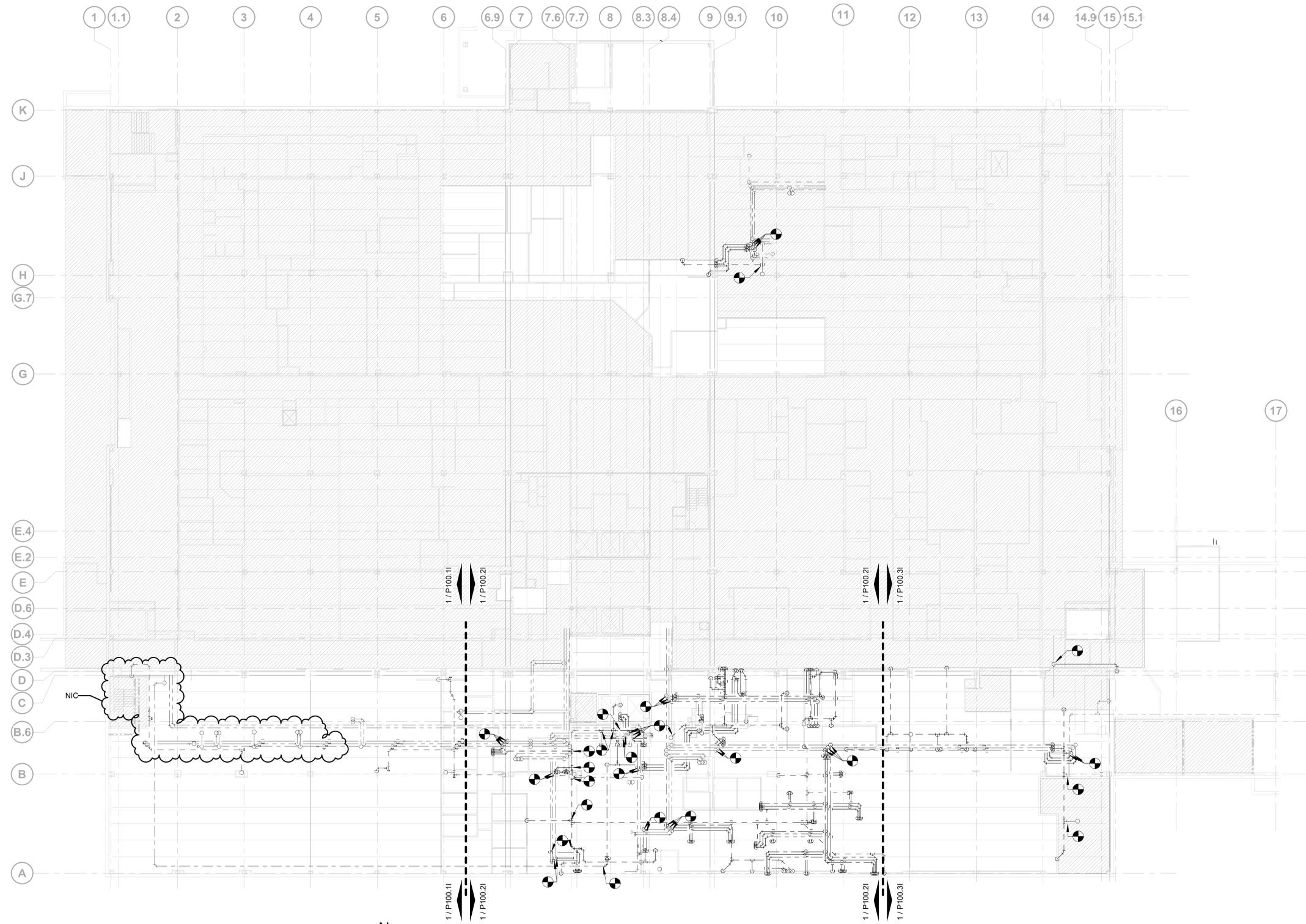
VA CONTRACT NO: 36C24519C0171		
Project Title	Project Number	Building Number
RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	613-19-103	500
Location	Drawing Number	
510 BUTLER AVENUE, MARTINSBURG, WV 25405	P100.5	
Issue Date	Checked	Drawn
07/23/21	RAH	TE

PLAN LEGEND

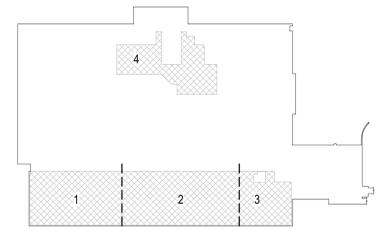
 AREA NOT IN CONTRACT

PLUMBING GENERAL NOTES

A. THIS OVERALL PLAN IS INTENDED TO GIVE AN OVERVIEW OF THE WORK. REFER TO CORRESPONDING ENLARGED PLANS FOR DETAILED INFORMATION.



1 PLUMBING - OVERALL FLOOR PLAN, INTERSTITIAL FLOOR
 1/16" = 1'-0"
 0 8' 16' 32'



BASEMENT KEY PLAN - OVERALL
 NOT TO SCALE

VA CONTRACT NO: 36C24519C0171

100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
Revisions:	Date:

CONSULTANT

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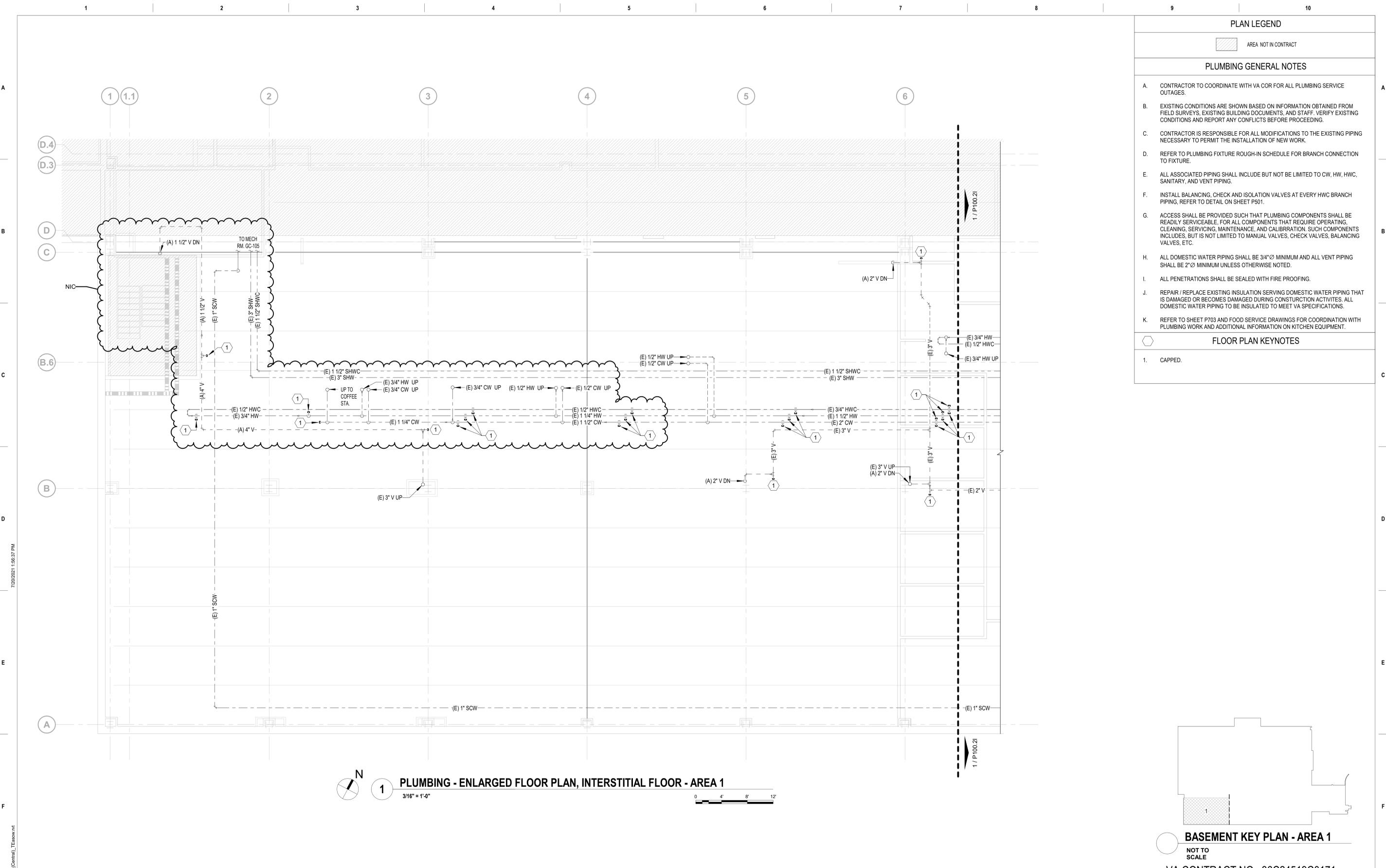
Drawing Title: PLUMBING - OVERALL FLOOR PLAN, INTERSTITIAL FLOOR

Phase: 100% CONSTRUCTION DOCUMENTS

Approved: Project Director

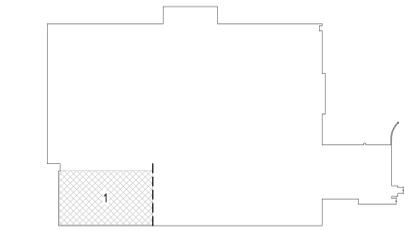
FULLY SPRINKLERED

Project Title: RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	Project Number: 613-19-103
Location: 510 BUTLER AVENUE, MARTINSBURG, WV 25405	Building Number: 500
Issue Date: 07/23/21	Checked: RAH
Drawn: TE	Drawing Number: P1001



PLAN LEGEND	
	AREA NOT IN CONTRACT
PLUMBING GENERAL NOTES	
A.	CONTRACTOR TO COORDINATE WITH VA COR FOR ALL PLUMBING SERVICE OUTAGES.
B.	EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
C.	CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING PIPING NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
D.	REFER TO PLUMBING FIXTURE ROUGH-IN SCHEDULE FOR BRANCH CONNECTION TO FIXTURE.
E.	ALL ASSOCIATED PIPING SHALL INCLUDE BUT NOT BE LIMITED TO CW, HW, HWC, SANITARY, AND VENT PIPING.
F.	INSTALL BALANCING, CHECK AND ISOLATION VALVES AT EVERY HWC BRANCH PIPING, REFER TO DETAIL ON SHEET P501.
G.	ACCESS SHALL BE PROVIDED SUCH THAT PLUMBING COMPONENTS SHALL BE READILY SERVICEABLE, FOR ALL COMPONENTS THAT REQUIRE OPERATING, CLEANING, SERVICING, MAINTENANCE, AND CALIBRATION. SUCH COMPONENTS INCLUDES, BUT IS NOT LIMITED TO MANUAL VALVES, CHECK VALVES, BALANCING VALVES, ETC.
H.	ALL DOMESTIC WATER PIPING SHALL BE 3/4\"/>
I.	ALL PENETRATIONS SHALL BE SEALED WITH FIRE PROOFING.
J.	REPAIR / REPLACE EXISTING INSULATION SERVING DOMESTIC WATER PIPING THAT IS DAMAGED OR BECOMES DAMAGED DURING CONSTRUCTION ACTIVITIES. ALL DOMESTIC WATER PIPING TO BE INSULATED TO MEET VA SPECIFICATIONS.
K.	REFER TO SHEET P703 AND FOOD SERVICE DRAWINGS FOR COORDINATION WITH PLUMBING WORK AND ADDITIONAL INFORMATION ON KITCHEN EQUIPMENT.
FLOOR PLAN KEYNOTES	
1.	CAPPED.

1 PLUMBING - ENLARGED FLOOR PLAN, INTERSTITIAL FLOOR - AREA 1
 3/16" = 1'-0"



1 BASEMENT KEY PLAN - AREA 1
 NOT TO SCALE

VA CONTRACT NO: 36C24519C0171

100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
Revisions:	Date:

CONSULTANT

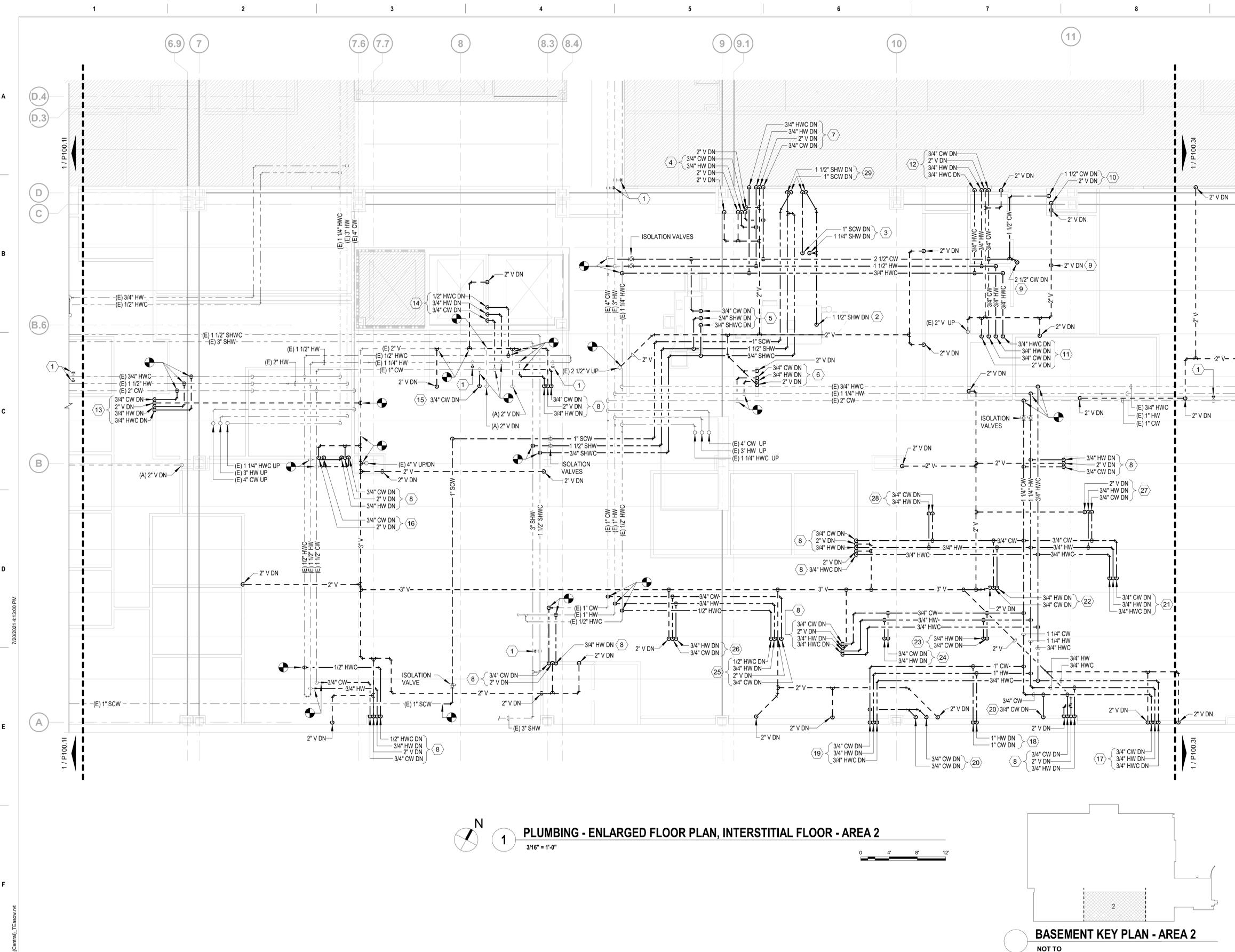
ARCHITECT/ENGINEER OF RECORD BANCROFT ARCHITECTS + ENGINEERS 700 Nicholas Blvd, Suite 300 Elk Grove Village, IL 60007 T: 847.952.9362 F: 847.952.9403 www.bancroft-ae.com
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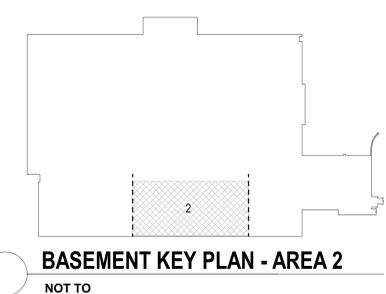
Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title PLUMBING - ENLARGED FLOOR PLAN, INTERSTITIAL FLOOR - AREA 1 Approved: Project Director
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Phase 100% CONSTRUCTION DOCUMENTS FULLY SPRINKLERED

Project Title RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	Project Number 613-19-103 Building Number 500
Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405	Drawing Number P100.11
Issue Date 07/23/21	Checked RAH
	Drawn TE

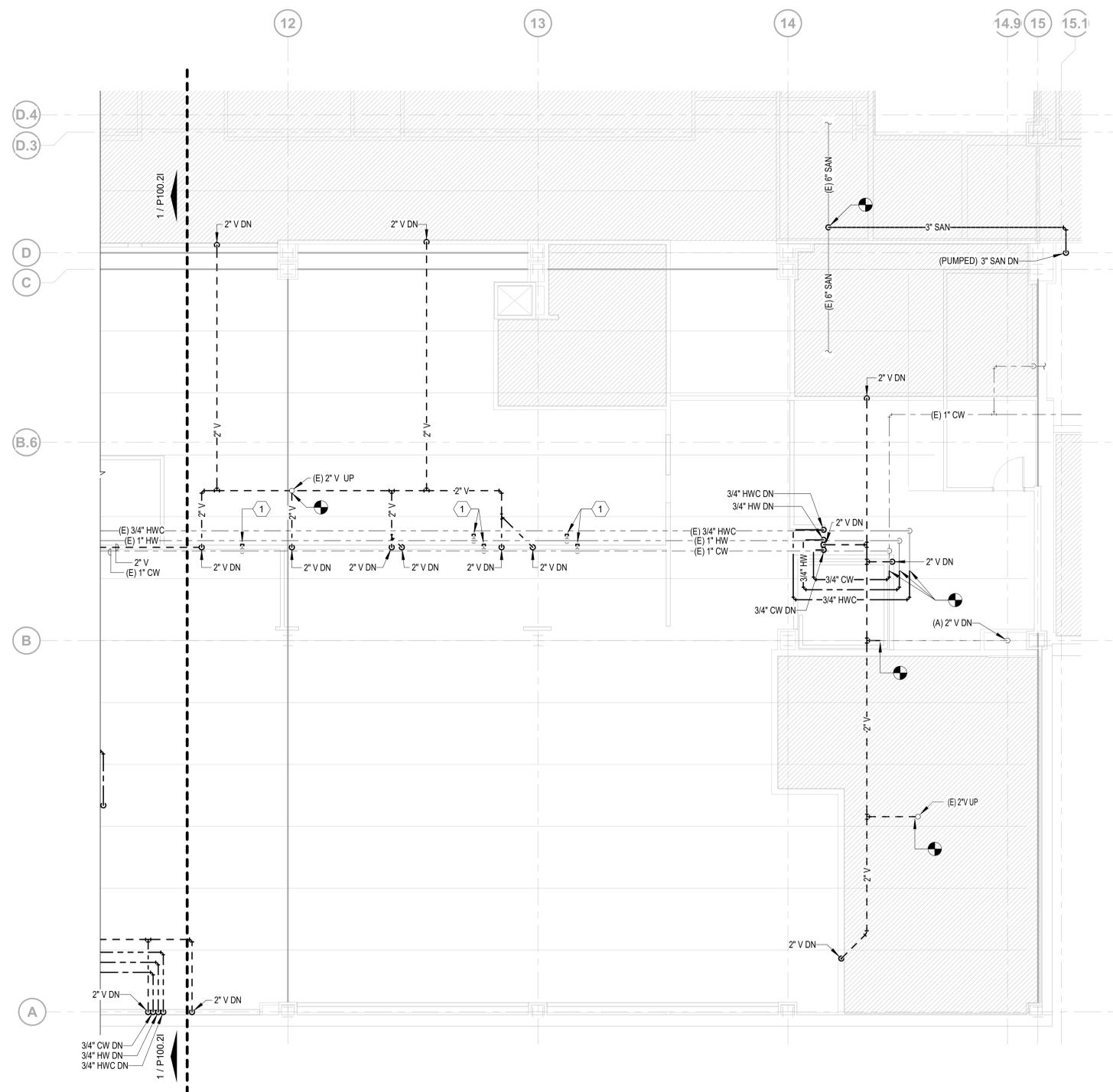


1 PLUMBING - ENLARGED FLOOR PLAN, INTERSTITIAL FLOOR - AREA 2
 3/16" = 1'-0"



PLAN LEGEND	
	AREA NOT IN CONTRACT
PLUMBING GENERAL NOTES	
A.	CONTRACTOR TO COORDINATE WITH VA COR FOR ALL PLUMBING SERVICE OUTAGES.
B.	EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
C.	CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING PIPING NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
D.	REFER TO PLUMBING FIXTURE ROUGH-IN SCHEDULE FOR BRANCH CONNECTION TO FIXTURE.
E.	ALL ASSOCIATED PIPING SHALL INCLUDE BUT NOT BE LIMITED TO CW, HW, HWC, SANITARY, AND VENT PIPING.
F.	INSTALL BALANCING, CHECK AND ISOLATION VALVES AT EVERY HWC BRANCH PIPING, REFER TO DETAIL ON SHEET P501.
G.	ACCESS SHALL BE PROVIDED SUCH THAT PLUMBING COMPONENTS SHALL BE READILY SERVICEABLE, FOR ALL COMPONENTS THAT REQUIRE OPERATING, CLEANING, SERVICING, MAINTENANCE, AND CALIBRATION. SUCH COMPONENTS INCLUDES, BUT IS NOT LIMITED TO MANUAL VALVES, CHECK VALVES, BALANCING VALVES, ETC.
H.	ALL DOMESTIC WATER PIPING SHALL BE 2" Ø MINIMUM AND ALL VENT PIPING SHALL BE 2" Ø MINIMUM UNLESS OTHERWISE NOTED.
I.	ALL PENETRATIONS SHALL BE SEALED WITH FIRE PROOFING.
J.	REPAIR / REPLACE EXISTING INSULATION SERVING DOMESTIC WATER PIPING THAT IS DAMAGED OR BECOMES DAMAGED DURING CONSTRUCTION ACTIVITIES. ALL DOMESTIC WATER PIPING TO BE INSULATED TO MEET VA SPECIFICATIONS.
K.	REFER TO SHEET P703 AND FOOD SERVICE DRAWINGS FOR COORDINATION WITH PLUMBING WORK AND ADDITIONAL INFORMATION ON KITCHEN EQUIPMENT.
FLOOR PLAN KEYNOTES	
1.	CAPPED.
2.	ROUTE DOMESTIC SOFT HOT WATER DN TO SERVE ROLL-TRHU CART WASHER (#3).
3.	ROUTE DOMESTIC SOFT WATER PIPING DN TO SERVE FLIGHT TYPE DISHWASHER (#5).
4.	ROUTE DOMESTIC WATER PIPING DN TO REEL RINSE CONTROL BOX TO SERVE HOSE REEL (#6).
5.	ROUTE DOMESTIC WATER PIPING DN TO SERVE SOILED BREAKDOWN TABLE (#7).
6.	ROUTE DOMESTIC WATER PIPING DN TO SERVE HAND SINK (#8) AND TO REEL RINSE CONTROL BOX TO SERVE HOSE REEL (#6).
7.	ROUTE DOMESTIC WATER PIPING DN TO SERVE HAND SINK (#8) AND EYE WASH (#15).
8.	ROUTE DOMESTIC WATER AND VENT PIPING DN TO SERVE HAND SINK (#8).
9.	ROUTE CW AND VENT PIPING DN TO SERVE WATER CLOSETS (WC-1) AND URINALS (UR-1).
10.	ROUTE CW AND VENT PIPING DN TO SERVE INDIVIDUAL WATER CLOSET (WC-1).
11.	ROUTE DOMESTIC WATER AND VENT PIPING DN TO SERVE LAVS (LAV-1) AND MOP BASIN (#140).
12.	ROUTE DOMESTIC WATER AND VENT PIPING DN TO SERVE LAVS (LAV-1) AND ELECTRIC WATER COOLER (EWC-1).
13.	ROUTE DOMESTIC WATER AND VENT PIPING DN TO SERVE SINK (SK-1) AND HERB WALL NICK NICK
14.	ROUTE DOMESTIC WATER PIPING DN TO SERVE TWO (2) MOP BASINS (#140) AND EYE WASH (#15).
15.	ROUTE COLD WATER PIPING DN TO SERVE TWO (2) ICE MAKERS (#131 AND #133), TWO (2) COFFEE MAKERS (#136) AND ICE TEA BREWER (#138).
16.	ROUTE CW AND VENT PIPING DN TO SERVE ELECTRIC WATER COOLER (EWC-1).
17.	ROUTE DOMESTIC WATER PIPING DN TO SERVE POWER SOAK SINK (#11), SCRAPPER COLLECTOR (#12) AND HOSE REEL (#22).
18.	ROUTE DOMESTIC WATER PIPING DN TO SERVE FIVE (5) STEAM KETTLES (#24 AND #25).
19.	ROUTE DOMESTIC WATER PIPING DN TO SERVE TRUNION KETTLES WITH STANDS (#23).
20.	ROUTE CW PIPING DN TO WATER FILTER TO SERVE COMBINATION OVEN(S).
21.	ROUTE DOMESTIC WATER PIPING DN TO SERVE WORKTABLE WITH SINK (#71), DISHWASHER (#73), POTATO PEELER (#74) AND HOSE REEL (#126).
22.	ROUTE DOMESTIC WATER PIPING DN TO SERVE WORKTABLE WITH SINK (#61).
23.	ROUTE DOMESTIC WATER PIPING DN TO SERVE WORKTABLE WITH SINK (#13).
24.	ROUTE DOMESTIC WATER PIPING DN TO SERVE WORKTABLE WITH SINK (#17) AND HOSE REEL (#9).
25.	ROUTE DOMESTIC WATER PIPING DN TO SERVE WORKTABLE WITH SINKS (#20).
26.	ROUTE DOMESTIC WATER PIPING DN TO SERVE BAKING WORKTABLE WITH SINK (#40) AND 3 PAN HOT FOOD WELL (#49).
27.	ROUTE DOMESTIC WATER AND VENT PIPING DN TO SERVE WORKTABLE WITH SINK (#62).
28.	ROUTE DOMESTIC WATER PIPING DN TO SERVE WORKTABLE WITH SINK (#59).
29.	ROUTE DOMESTIC SOFT COLD AND HOT WATER DN TO REDUCED PRESSURE ZONE BACKFLOW PREVENTERS (RPZ-1).

CONSULTANT 100% CONSTRUCTION DOCUMENTS SUBMISSION 07/23/2021 95% CONSTRUCTION DOCUMENTS SUBMISSION 02/12/2021 Revisions: Date:		ARCHITECT/ENGINEER OF RECORD 700 Nicholas Blvd, Suite 300 Elk Grove Village, IL 60007 T: 847.952.9362 F: 847.952.9403 www.bancroft-ae.com		STAMP Office of Construction and Facilities Management Approved: Project Director VA U.S. Department of Veterans Affairs		Drawing Title PLUMBING - ENLARGED FLOOR PLAN, INTERSTITIAL FLOOR - AREA 2 Phase 100% CONSTRUCTION DOCUMENTS		Project Title RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN Project Number 613-19-103 Building Number 500	
				Fully Sprinklered FULLY SPRINKLERED		Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405 Issue Date 07/23/21 Checked RAH Drawn TE Drawing Number P100.21			



PLAN LEGEND	
	AREA NOT IN CONTRACT
PLUMBING GENERAL NOTES	
A.	CONTRACTOR TO COORDINATE WITH VA COR FOR ALL PLUMBING SERVICE OUTAGES.
B.	EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
C.	CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING PIPING NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
D.	REFER TO PLUMBING FIXTURE ROUGH-IN SCHEDULE FOR BRANCH CONNECTION TO FIXTURE.
E.	ALL ASSOCIATED PIPING SHALL INCLUDE BUT NOT BE LIMITED TO CW, HW, HWC, SANITARY, AND VENT PIPING.
F.	INSTALL BALANCING, CHECK AND ISOLATION VALVES AT EVERY HWC BRANCH PIPING, REFER TO DETAIL ON SHEET P501.
G.	ACCESS SHALL BE PROVIDED SUCH THAT PLUMBING COMPONENTS SHALL BE READILY SERVICEABLE, FOR ALL COMPONENTS THAT REQUIRE OPERATING, CLEANING, SERVICING, MAINTENANCE, AND CALIBRATION. SUCH COMPONENTS INCLUDES, BUT IS NOT LIMITED TO MANUAL VALVES, CHECK VALVES, BALANCING VALVES, ETC.
H.	ALL DOMESTIC WATER PIPING SHALL BE 3/4\"/>
I.	ALL PENETRATIONS SHALL BE SEALED WITH FIRE PROOFING.
J.	REPAIR / REPLACE EXISTING INSULATION SERVING DOMESTIC WATER PIPING THAT IS DAMAGED OR BECOMES DAMAGED DURING CONSTRUCTION ACTIVITIES. ALL DOMESTIC WATER PIPING TO BE INSULATED TO MEET VA SPECIFICATIONS.
K.	REFER TO SHEET P703 AND FOOD SERVICE DRAWINGS FOR COORDINATION WITH PLUMBING WORK AND ADDITIONAL INFORMATION ON KITCHEN EQUIPMENT.
FLOOR PLAN KEYNOTES	
1.	CAPPED.

1 PLUMBING - ENLARGED FLOOR PLAN, INTERSTITIAL FLOOR - AREA 3
 3/16" = 1'-0"
 0 4' 8' 12'



BASEMENT KEY PLAN - AREA 3
 NOT TO SCALE

VA CONTRACT NO: 36C24519C0171

100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
Revisions:	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
 PLUMBING - ENLARGED FLOOR PLAN, INTERSTITIAL FLOOR - AREA 3

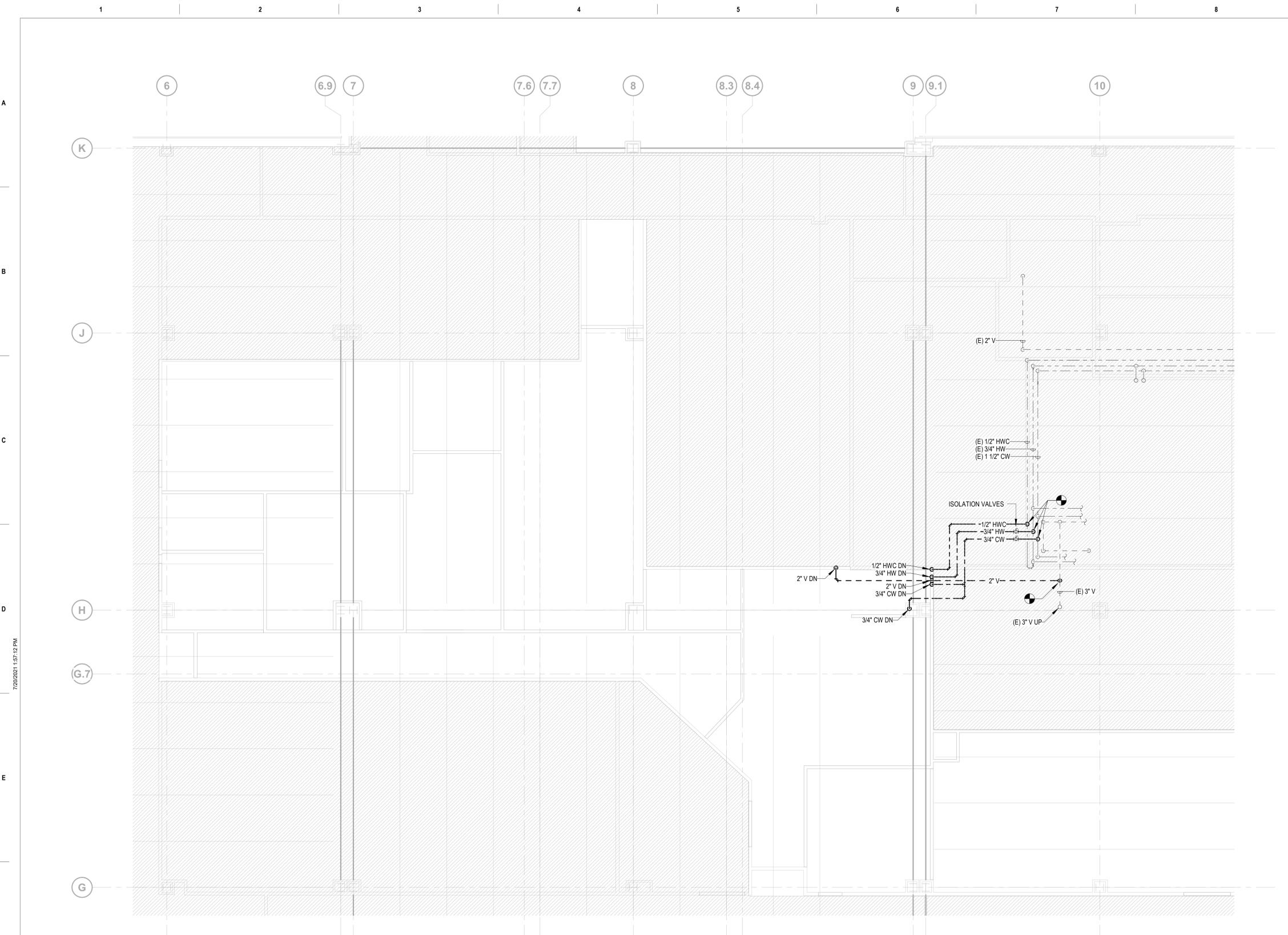
Phase
 100% CONSTRUCTION DOCUMENTS

Approved: Project Director

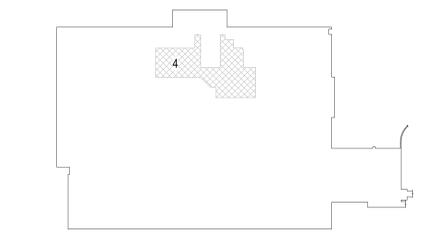
FULLY SPRINKLERED

Project Title RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	Project Number 613-19-103
Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405	Building Number 500
Issue Date 07/23/21	Checked RAH
Drawn TE	Drawing Number P100.3I

- PLAN LEGEND**
-  AREA NOT IN CONTRACT
- PLUMBING GENERAL NOTES**
- CONTRACTOR TO COORDINATE WITH VA COR FOR ALL PLUMBING SERVICE OUTAGES.
 - EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
 - CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING PIPING NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
 - REFER TO PLUMBING FIXTURE ROUGH-IN SCHEDULE FOR BRANCH CONNECTION TO FIXTURE.
 - ALL ASSOCIATED PIPING SHALL INCLUDE BUT NOT BE LIMITED TO CW, HW, HWC, SANITARY, AND VENT PIPING.
 - INSTALL BALANCING, CHECK AND ISOLATION VALVES AT EVERY HWC BRANCH PIPING, REFER TO DETAIL ON SHEET P501.
 - ACCESS SHALL BE PROVIDED SUCH THAT PLUMBING COMPONENTS SHALL BE READILY SERVICEABLE, FOR ALL COMPONENTS THAT REQUIRE OPERATING, CLEANING, SERVICING, MAINTENANCE, AND CALIBRATION. SUCH COMPONENTS INCLUDES, BUT IS NOT LIMITED TO MANUAL VALVES, CHECK VALVES, BALANCING VALVES, ETC.
 - ALL DOMESTIC WATER PIPING SHALL BE 3/4" Ø MINIMUM AND ALL VENT PIPING SHALL BE 2" Ø MINIMUM UNLESS OTHERWISE NOTED.
 - ALL PENETRATIONS SHALL BE SEALED WITH FIRE PROOFING.
 - REPAIR / REPLACE EXISTING INSULATION SERVING DOMESTIC WATER PIPING THAT IS DAMAGED OR BECOMES DAMAGED DURING CONSTRUCTION ACTIVITIES. ALL DOMESTIC WATER PIPING TO BE INSULATED TO MEET VA SPECIFICATIONS.



1 PLUMBING - ENLARGED FLOOR PLAN, INTERSTITIAL FLOOR - AREA 4
 3/16" = 1'-0"
 0 4' 8' 12'



BASEMENT KEY PLAN - AREA 4
 NOT TO SCALE

VA CONTRACT NO: 36C24519C0171

100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
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VA U.S. Department of Veterans Affairs

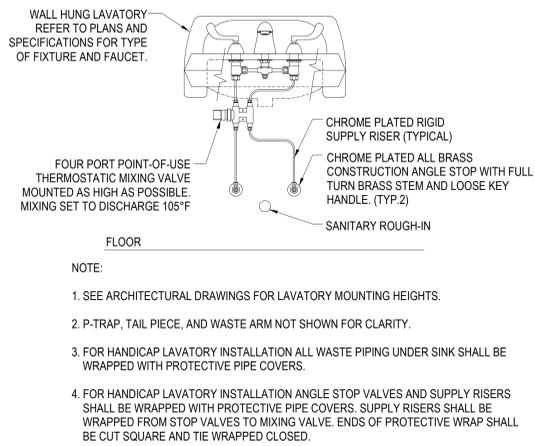
Drawing Title
PLUMBING - ENLARGED FLOOR PLAN, INTERSTITIAL FLOOR - AREA 4

Approved: Project Director

Phase
100% CONSTRUCTION DOCUMENTS

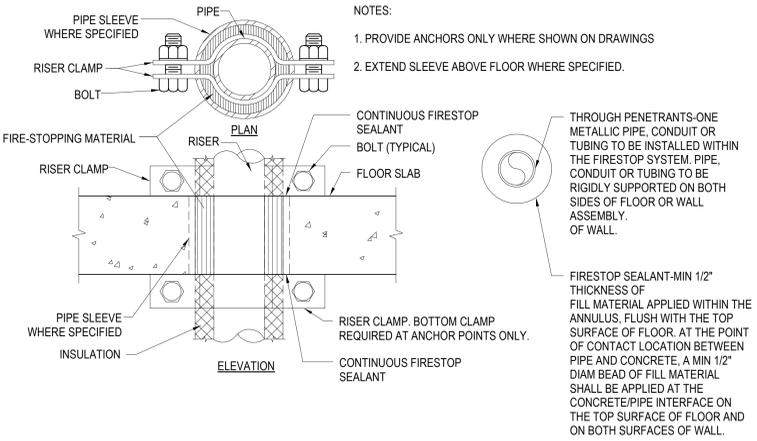
FULLY SPRINKLERED

Project Title RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN			Project Number 613-19-103
Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405			Building Number 500
Issue Date 07/23/21	Checked RAH	Drawn TE	Drawing Number P100.4I



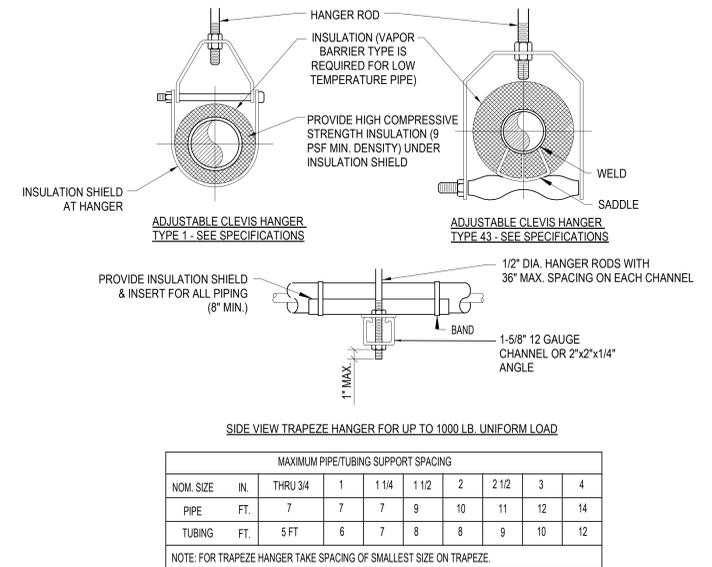
7 LAVATORY MIXING VALVE DETAIL

NOT TO SCALE



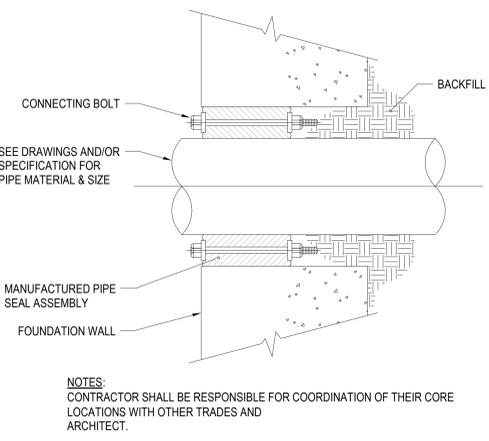
4 SUPPORT/ANCHOR FOR PIPE RISERS

NOT TO SCALE



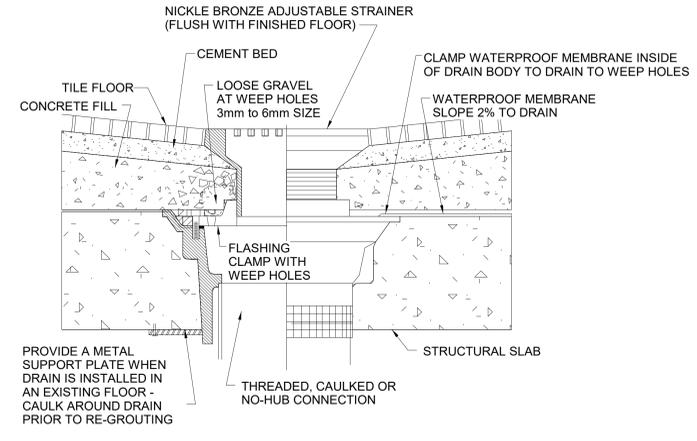
1 PIPE HANGERS

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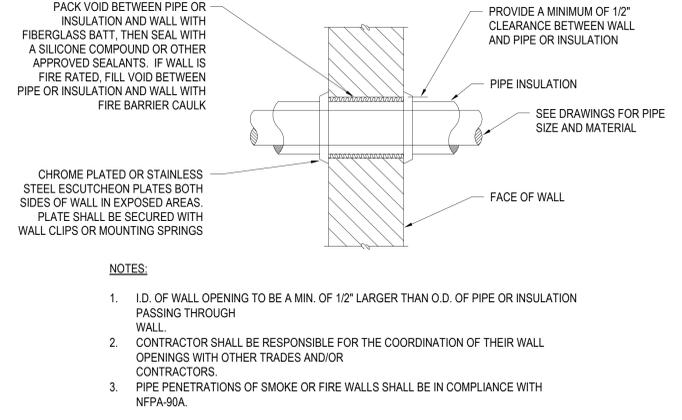
8 UNDERGROUND PIPING THROUGH FOUNDATION WALL

NOT TO SCALE



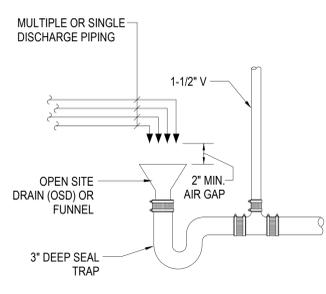
5 TYPE "C" FLOOR DRAIN DETAIL

NOT TO SCALE



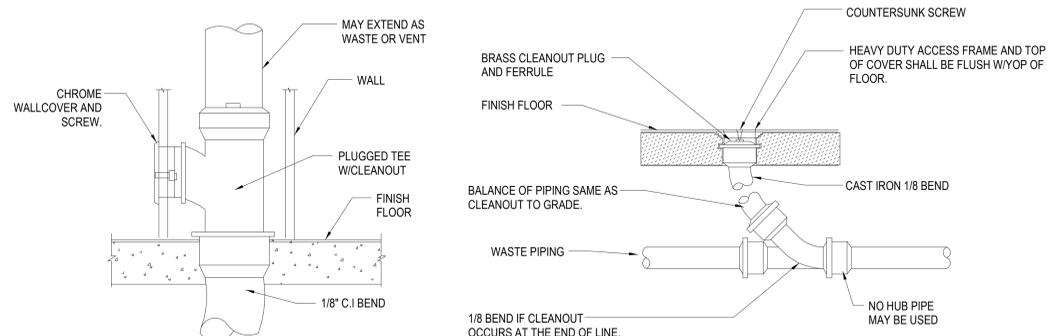
2 PIPE PENETRATION OF INTERIOR WALL DETAIL

NOT TO SCALE



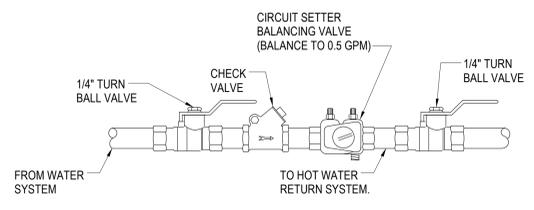
9 INDIRECT WASTE DETAIL

NOT TO SCALE



6 WALL/FLOOR CLEANOUTS

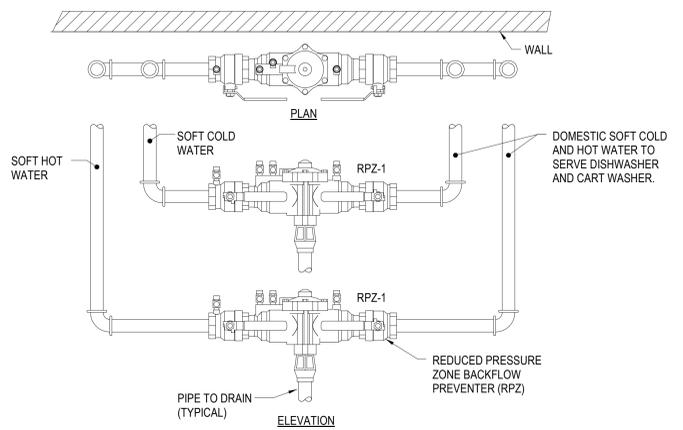
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3 HOT WATER CIRCULATION (HWC) VALVE ASSEMBLY DETAIL

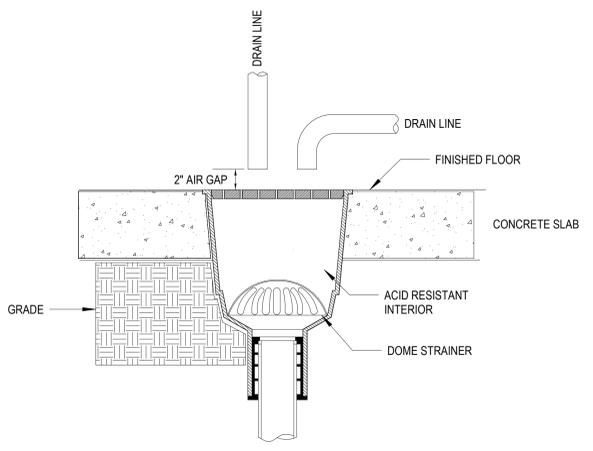
NOT TO SCALE

<p>100% CONSTRUCTION DOCUMENTS SUBMISSION 07/23/2021</p> <p>95% CONSTRUCTION DOCUMENTS SUBMISSION 02/12/2021</p> <p>60% DESIGN DEVELOPMENT SUBMISSION 09/11/2020</p> <p>30% SCHEMATIC DESIGN DEVELOPMENT 05/24/2020</p> <p>Revisions: Date:</p>		<p>CONSULTANT</p>		<p>ARCHITECT/ENGINEER OF RECORD</p> <p><i>Bancroft</i></p> <p>BANCROFT ARCHITECTS + ENGINEERS</p> <p>700 Nicholas Blvd, Suite 300 Elk Grove Village, IL 60007 T: 847.952.9362 F: 847.952.9403 www.bancroft-ae.com</p>		<p>STAMP</p> <p>Office of Construction and Facilities Management</p> <p>Approved: Project Director</p>		<p>Drawing Title</p> <p>PLUMBING - DETAILS</p>		<p>Phase</p> <p>100% CONSTRUCTION DOCUMENTS</p>		<p>Project Title</p> <p>RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN</p>		<p>Project Number</p> <p>613-19-103</p>	
								<p>FULLY SPRINKLERED</p>		<p>Location</p> <p>510 BUTLER AVENUE, MARTINSBURG, WV 25405</p>		<p>Drawing Number</p> <p>P501</p>			



NOTE:
 1. CONTRACTOR TO PROVIDE VA WITH BACKFLOW TEST REPORT.
 2. INSTALL RPZ 12" TO 60" ABOVE FINISHED FLOOR.

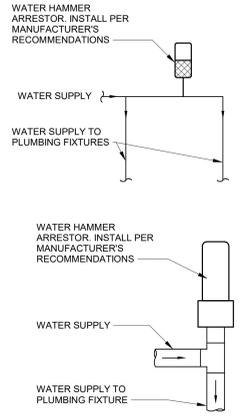
6 RPZ BACKFLOW PREVENTER PIPING DETAIL
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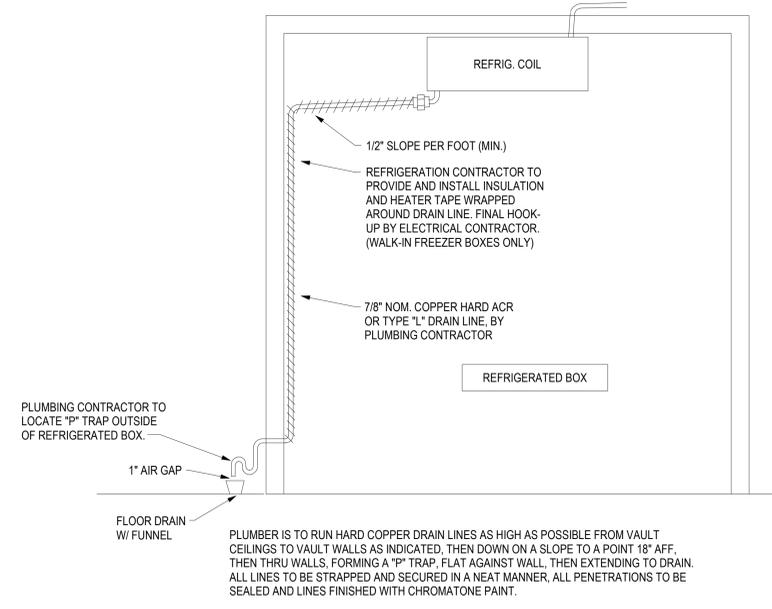
3 FLOOR SINK AND INDIRECT WASTE DETAIL
 NOT TO SCALE

WATER HAMMER ARRESTOR SIZE		
MODEL	CONNECTION DIAMETER (IN.)	FIXTURE UNITS
Z1700-100	3/4	1-11
Z1700-200	3/4	12-32
Z1700-300	1	33-60
Z1700-400	1	61-113
Z1700-500	1	114-154
Z1700-600	1	155-330

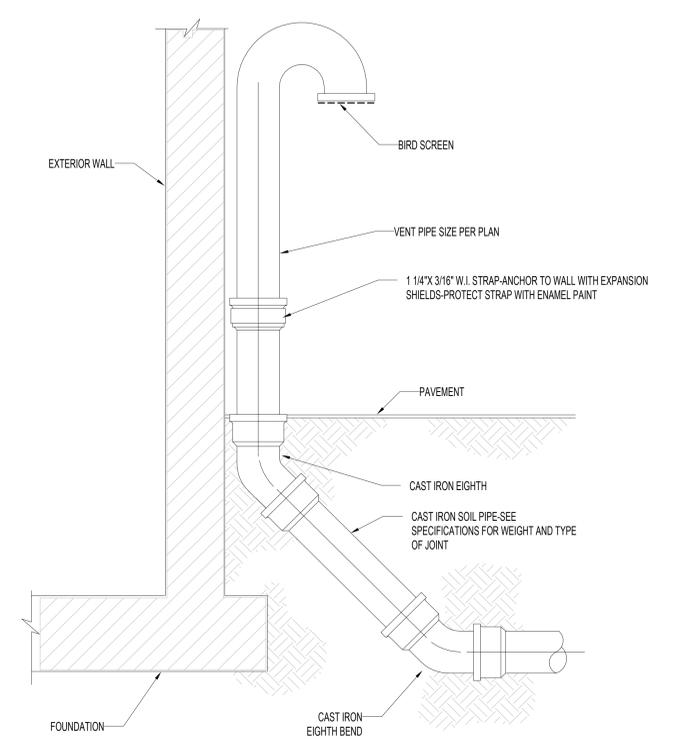
-sizing based on ZURN SERIES Z1700



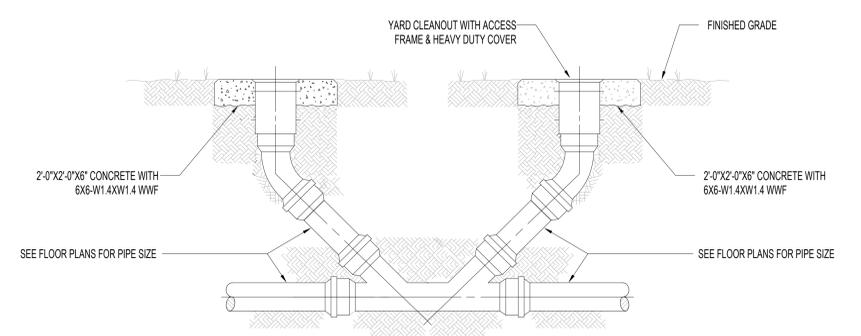
4 WATER HAMMER ARRESTOR DETAIL
 NOT TO SCALE



5 WALK-IN DRAIN DETAIL
 NOT TO SCALE



1 OUTDOOR VENT TERMINATION DETAIL
 NOT TO SCALE



2 TWO WAY CLEANOUT DETAIL
 NOT TO SCALE

100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
Revisions:	Date:

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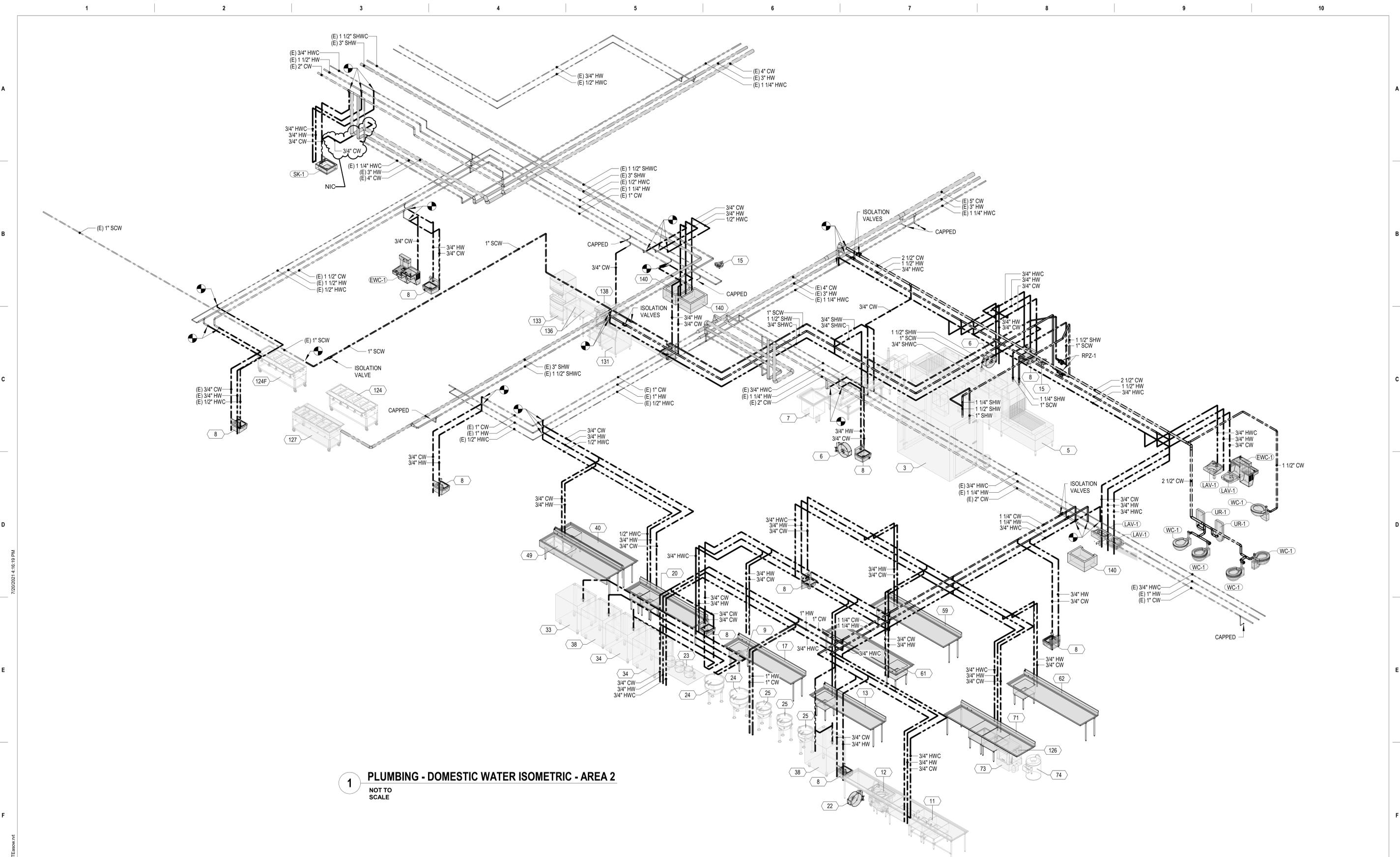
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Drawing Title
 PLUMBING - DETAILS
 Approved: Project Director

Phase
 100% CONSTRUCTION DOCUMENTS
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VA CONTRACT NO: 36C24519C0171		
Project Title RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	Project Number 613-19-103	Building Number 500
Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405	Issue Date 07/23/21	Checked RAH
	Drawn TE	Drawing Number P502



1 PLUMBING - DOMESTIC WATER ISOMETRIC - AREA 2
 NOT TO SCALE

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100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
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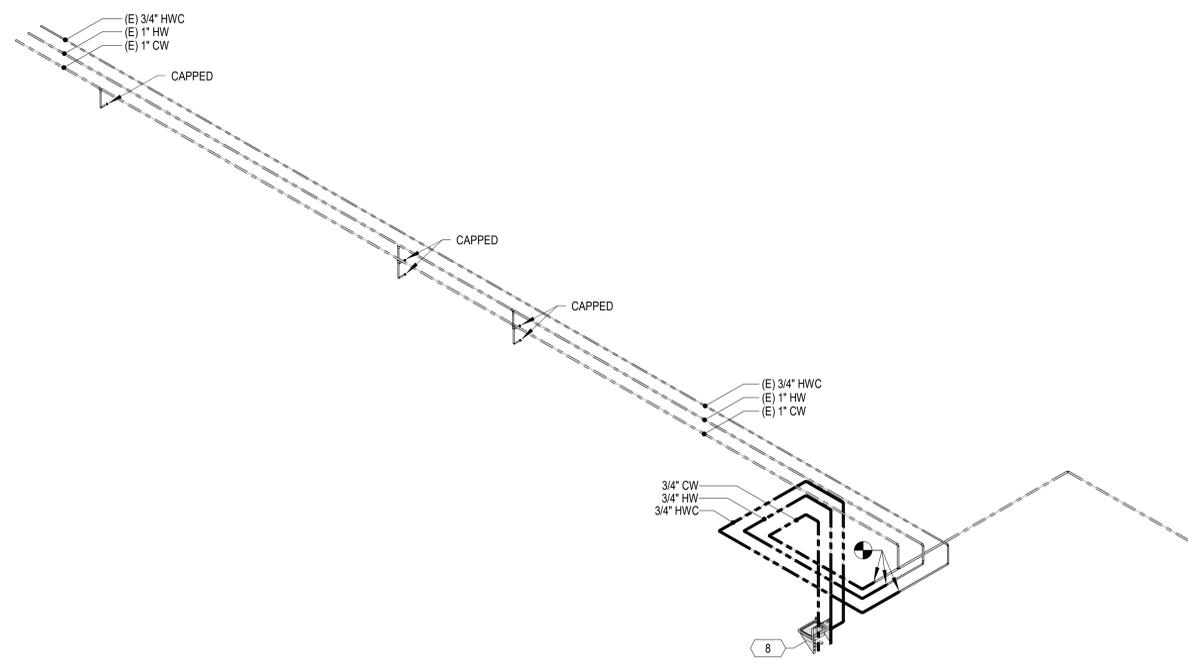
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 VA U.S. Department of Veterans Affairs

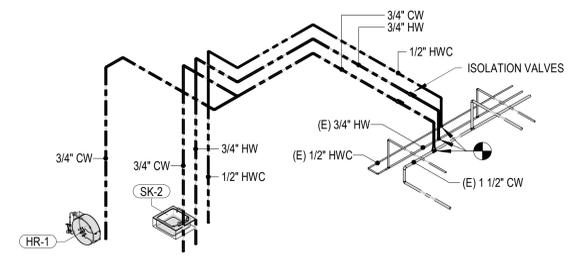
Drawing Title PLUMBING - DOMESTIC WATER ISOMETRIC - AREA 2
Approved: Project Director

Phase 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

VA CONTRACT NO: 36C24519C0171		
Project Title RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	Project Number 613-19-103	Building Number 500
Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405	Issue Date 07/23/21	Checked RAH
	Drawn TE	Drawing Number P601



1 PLUMBING - DOMESTIC WATER ISOMETRIC - AREA 3
NOT TO SCALE



2 PLUMBING - DOMESTIC WATER ISOMETRIC - AREA 4
NOT TO SCALE

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100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
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Revisions:	Date:

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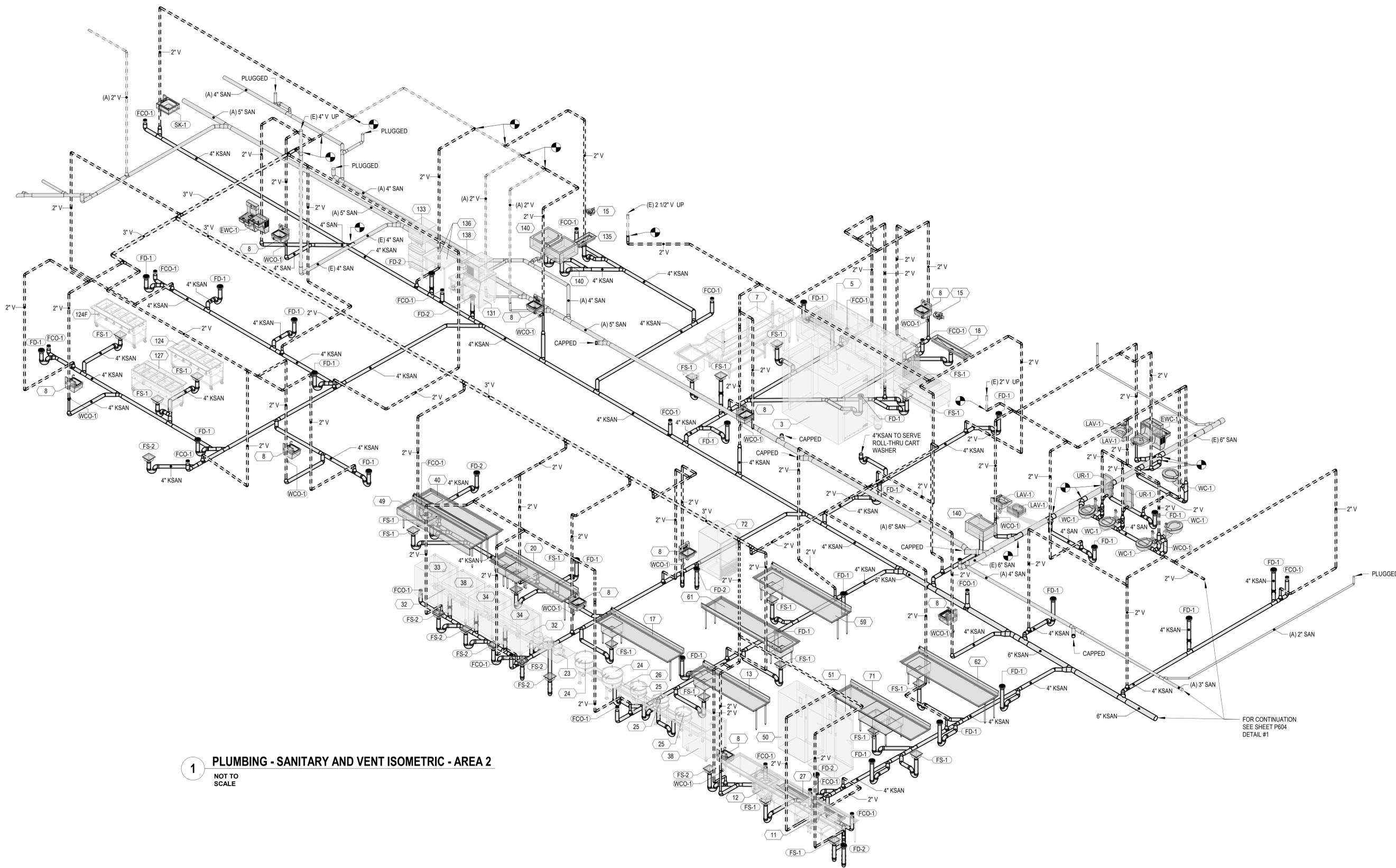
Drawing Title
PLUMBING - DOMESTIC WATER ISOMETRIC - AREA 3 AND 4

Approved: Project Director

Phase
100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

VA CONTRACT NO: 36C24519C0171		
Project Title RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	Project Number 613-19-103	Building Number 500
Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405	Issue Date 07/23/21	Checked RAH
Drawn TE	Drawing Number P602	



1 PLUMBING - SANITARY AND VENT ISOMETRIC - AREA 2
 NOT TO SCALE

FOR CONTINUATION
 SEE SHEET P604
 DETAIL #1

100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
Revisions:	Date:

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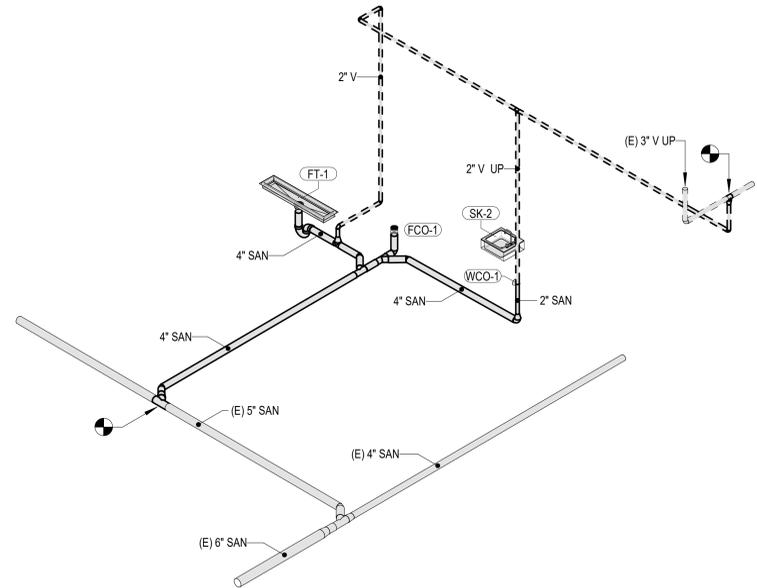
Approved: Project Director

Drawing Title
 PLUMBING - SANITARY AND VENT ISOMETRIC - AREA 2

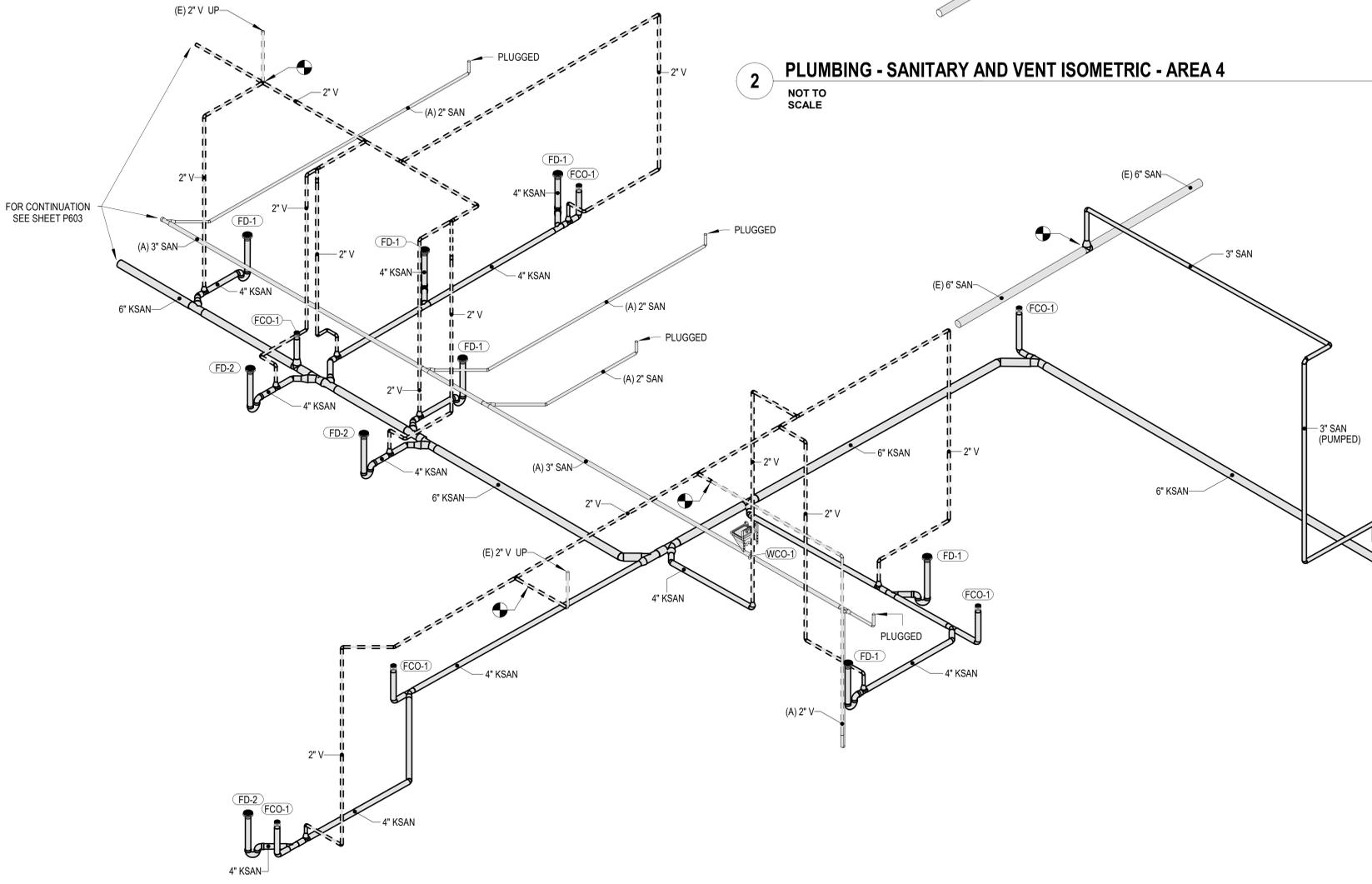
Phase
 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

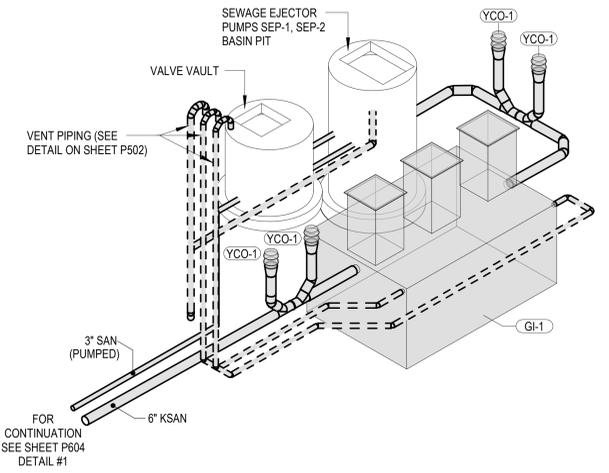
VA CONTRACT NO: 36C24519C0171		
Project Title RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	Project Number 613-19-103	Building Number 500
Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405	Issue Date 07/23/21	Checked RAH
	Drawn TE	Drawing Number P603



2 PLUMBING - SANITARY AND VENT ISOMETRIC - AREA 4
NOT TO SCALE



1 PLUMBING - SANITARY AND VENT ISOMETRIC - AREA 3
NOT TO SCALE



3 PLUMBING - SANITARY AND VENT ISOMETRIC - LOADING DOCK
NOT TO SCALE

FOR CONTINUATION
SEE SHEET P604
DETAIL #3

100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
Revisions:	Date:

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Drawing Title PLUMBING - SANITARY AND VENT ISOMETRIC - AREA 3 AND 4
Approved: Project Director

Phase 100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

VA CONTRACT NO: 36C24519C0171		
Project Title RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	Project Number 613-19-103	Building Number 500
Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405	Issue Date 07/23/21	Checked RAH
Drawn TE	Drawing Number P604	

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL	DOMESTIC COLD WATER	DOMESTIC HOT WATER	SANITARY	VENT	REMARKS
BFP-1	BACK FLOW PREVENTER	WATTS	SD-3	3/8"	-	-	-	DUAL CHECK VALVES WITH ATMOSPHERIC PORT AND STRAINER FOR CARBONATED BEVERAGE MACHINES, STAINLESS STEEL BODY CONSTRUCTION, WYE PATTERN STRAINER, CERTIFIED ANSIS/NSF STANDARD 18, ASSE 1022, COMPLY WITH FDA FOOD ADDITIVE REGULATIONS.
CO-1	CLEANOUT	ZURN	Z1470	-	-	-	-	BRONZE CLEANOUT PLUG, COUNTERSUNK, ABS TAPERED THREAD PLUG.
EWC-1	ELECTRIC WATER COOLER	ELKAY	LZSTL8WSSP	1/2"	-	1-1/2"	1-1/2"	ADA COMPLIANT BI-LEVEL WITH BOTTLE FILLING STATION, WALL MOUNTED, STAINLESS STEEL, 8 GPH CHILLING CAPACITY, BOTTLE FILLER SHALL PROVIDE 1.1 GPM FLOW RATE WITH LAMINAR FLOW AND SHALL INCLUDE HANDS FREE, FILTER NSF 42 AND 53 CERTIFIED FOR LEAD AND LED VISUAL FILTER MONITOR, ANTIMICROBIAL, COMPRESSOR HERMETICALLY SEALED, RECIPROCATING TYPE, REFRIGERANT R-134a, SINGLE PHASE 115V, FLA: 5, 370 WATTS, APPROVED ANSI AND UL. PROVIDE CANE APRON TO MEET ADA REQUIREMENTS.
FCO-1	FLOOR CLEANOUT	ZURN	Z1400	-	-	SEE DRAWING	-	EXTRA HEAVY DUTY LEVEL-TROL ADJUSTABLE FLOOR CLEANOUT. DURA-COATED CAST IRON BODY WITH GAS AND WATERTIGHT ABS TAPERED THREAD PLUG AND ROUND SCORIATED CAST IRON SECURED TOP.
FD-1	FLOOR DRAIN	ZURN	Z415B	-	-	4"	2"	FLOOR DRAIN, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR WITH SEEPAGE SLOTS AND TYPE B POLISHED NICKEL BRONZE, 6" DIAMETER LIGHT DUTY STRAINER.
FD-2	FLOOR DRAIN (W/ FUNNEL)	ZURN	Z415 Z400E	-	-	4"	2"	FLOOR DRAIN, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR WITH SEEPAGE SLOTS AND 7" DIAMETER TYPE E ROUND ADJUSTABLE STRAINER TOP WITH COMBINATION FUNNEL/GRATE WITH PERIMETER OPENINGS.
FS-1	FLOOR SINK (GRATE-LESS)	ZURN	Z1901-1	-	-	4"	2"	SANI-FLOOR RECEPTOR 12" x 12" x 8" DEEP CAST IRON BODY, GRATE-LESS, WHITE ACID RESISTING PORCELAIN ENAMEL INTERIOR AND TOP, COMPLETE WITH WHITE ABS ANTI-SPLASH INTERIOR BOTTOM DOME STRAINER.
FS-2	FLOOR SINK (THREE-QUARTER GRATE)	ZURN	Z1901-3	-	-	4"	2"	SANI-FLOOR RECEPTOR 12" x 12" x 8" DEEP CAST IRON BODY AND SQUARE, LIGHT-DUTY THREE-QUARTER GRATE WITH 1/2" SLOTTED OPENINGS, WHITE ACID RESISTING PORCELAIN ENAMEL INTERIOR AND TOP, COMPLETE WITH WHITE ABS ANTI-SPLASH INTERIOR BOTTOM DOME STRAINER.
FT-1	FLOOR TROUGH	IMC / TEDDY	ASFT-1260	-	-	4"	2"	ANTI-SPILL FLOOR TROUGH, 60"L x 12"W, 6" DEEP RECEPTACLE, ONE (1) 4" OD TAILPIECE, STAINLESS STEEL BEEHIVE STRAINER, 14/304 STAINLESS STEEL, BRUSHED SATIN FINISH, SUBWAY GRATING (SG), NSF, MADE IN USA.
HR-1	HOSE REEL	T&S BRASS	B-7222-C05	1/2"	-	-	-	ENCLOSED EPOXY COATED STEEL HOSE REEL, 3/8" x 30' HEAVY-DUTY HOSE, STAINLESS STEEL FRONT TRIGGER WATER GUN AND SWIVEL WITH 5/16" ORIFICE, RATCHETING SYSTEM AND ADJUSTABLE HOSE BUMPER, 3/8" NPT FEMALE INLET, MULTI-FIT BRACKET FOR WALL MOUNTING.
LAV-1	LAVATORY LAVATORY TRIM THERMOSTATIC MIXING VALVE	AMERICAN STANDARD AMERICAN STANDARD CHICAGO FAUCETS	0355.012 7500.175 131-CFMABRCF	1/2"	1/2"	1-1/2"	1-1/2"	LAVATORY: WALL-HUNG, WHITE VITREOUS CHINA, FRONT OVERFLOW, D-SHAPED BOWL, 4" CENTER FAUCET HOLES, OVERALL DIMENSIONS 20-1/2" x 18-1/4". FAUCET: 4" CENTERSET FAUCET WITH CHROME PLATED CAST BRASS BODY CONSTRUCTION, FIELD CONVERTABLE RIGID/SWIVEL GOOSENECK SPOUNT, WATER-CONSERVING 0.5 GPM LAMINAR SPRAY, VANDAL RESISTANT WRIST BLADE HANDLES WITH COLOR CODED INDEXES, QUARTER TURN CERAMIC DISK VALVE CARTRIDGES, 1/2" NPT MALE INLETS, CHROME PLATED ESCUTCHEON. PROVIDE INSULATION PREMANUFACTURED FOR P-TRAP, STOP VALVE, ANS SUPPLY LINES, APPROVED ASME AND ANSI, ADA COMPLAINT, THERMOSTATIC MIXING VALVE, ALL BRONZE, BRASS AND STAINLESS STEEL CONSTRUCTION, UNION INLETS WITH STRAINERS AND CHECK STOPS, DIAL THERMOMETER ON OUTLET, PROVIDE CARRIER WITH CONCEALED ARMS.
RPZ-1	REDUCED PRESSURE ZONE BACKFLOW PREVENTER	ZURN	375	-	SEE DRAWINGS	-	-	MEETS ASSE 1013, RATED FOR 180°F AND SUPPLIED WITH FULL PORT BALL VALVES, NYLON CONSTRUCTION AND SILICONE SEAT DISC ELASTOMERS. TO BE SUPPLIED WITH AN AIR GAP ADAPTER.
SK-1	SINK SINK TRIM	ELKAY AMERICAN STANDARD	ELUHAD211555PD 7500.175	1/2"	1/2"	1-1/2"	1-1/2"	SINK: SINGLE BOWL UNDERMOUNT ADA SINK, 18 GAUGE TYPE 304 STAINLESS STEEL WITH LUSTROUS SATIN FINISH, DIMENSIONS: 23-1/2" x 18-1/4" x 5-3/8", REAR CENTER DRAIN WITH OPENING SIZE: 3-3/8". FAUCET: 4" CENTERSET FAUCET WITH CHROME PLATED CAST BRASS BODY CONSTRUCTION, FIELD CONVERTABLE RIGID/SWIVEL GOOSENECK SPOUNT, WATER-CONSERVING 0.5 GPM LAMINAR SPRAY, VANDAL RESISTANT WRIST BLADE HANDLES WITH COLOR CODED INDEXES, QUARTER TURN CERAMIC DISK VALVE CARTRIDGES, 1/2" NPT MALE INLETS, CHROME PLATED ESCUTCHEON. PROVIDE INSULATION PRE-MANUFACTURED FOR P-TRAP, STOP VALVE, AND SUPPLY LINES, APPROVED ASME AND ANSI, ADA COMPLAINT, ALL BRONZE, BRASS AND STAINLESS STEEL CONSTRUCTION, NIPPLE AND THREADED BRASS FITTINGS, UNION INLETS WITH STRAINERS AND CHECK STOPS, DIAL THERMOMETER ON OUTLET, PROVIDE CARRIER WITH CONCEALED ARMS.
SK-2	SINK SINK TRIM	AMERICAN STANDARD AMERICAN STANDARD	0355.012 7500.175	1/2"	1/2"	1-1/2"	1-1/2"	SINK: WALL-HUNG, WHITE VITREOUS CHINA, FRONT OVERFLOW, D-SHAPED BOWL, 4" CENTER FAUCET HOLES, OVERALL DIMENSIONS 20-1/2" x 18-1/4". FAUCET: 4" CENTERSET FAUCET WITH CHROME PLATED CAST BRASS BODY CONSTRUCTION, FIELD CONVERTABLE RIGID/SWIVEL GOOSENECK SPOUNT, WATER-CONSERVING 0.5 GPM LAMINAR SPRAY, VANDAL RESISTANT WRIST BLADE HANDLES WITH COLOR CODED INDEXES, QUARTER TURN CERAMIC DISK VALVE CARTRIDGES, 1/2" NPT MALE INLETS, CHROME PLATED ESCUTCHEON. PROVIDE INSULATION PREMANUFACTURED FOR P-TRAP, STOP VALVE, ANS SUPPLY LINES, APPROVED ASME AND ANSI, ADA COMPLAINT, ALL BRONZE, BRASS AND STAINLESS STEEL CONSTRUCTION, NIPPLE AND THREADED BRASS FITTINGS, UNION INLETS WITH STRAINERS AND CHECK STOPS, DIAL THERMOMETER ON OUTLET, PROVIDE CARRIER WITH CONCEALED ARMS.

NOTES:
1. SIZES LISTED ARE MINIMUM CONNECTIONS REQUIRED TO FIXTURES.

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100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
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Revisions:	Date:

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Drawing Title
PLUMBING - SCHEDULE

Approved: Project Director

Phase
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FULLY SPRINKLERED

VA CONTRACT NO: 36C24519C0171

Project Title RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN	Project Number 613-19-103
Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405	Building Number 500
Issue Date 07/23/21	Checked RAH
Drawn TE	Drawing Number P701

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL	DOMESTIC COLD WATER	DOMESTIC HOT WATER	SANITARY	VENT	REMARKS
UR-1	URINAL	AMERICAN STANDARD	6590.501	3/4"	-	2"	1-1/2"	URINAL: WALL MOUNTED, WHITE VITREOUS CHINA, ENLONGATED 14" RIM FROM FINISHED WALL, FLUSHING RIM, WASHOUT FLUSH ACTION, EXTENDED SIDES FOR PRIVACY, 3/4" INLET SPUD, 2" OUTLET. MEETS ASME FLUSH REQUIREMENTS, PROVIDE CARRIER. FLUSH VALVE: EXPOSED MANUAL PISTON TYLE URINAL FLUSH VALVE, POLISHED CHROME, 0.5 GPF, 11-1/2" ROUGH IN, 3/4" TOP SPUD, 3/4" IPS ANGLE STOP WITH BACK-FLOW PROTECTION AND VANDAL RESISTANT CAP, VACUUM BREAKER, SPUD COUPLING AND FLANGE, CHEMICAL RESISTANT EPDM SEALS.
WC-1	WATER CLOSET SEAT	AMERICAN STANDARD BEMIS	2856.128 1955	1-1/2"	-	4"	2"	WATER CLOSET: WALL MOUNTED, ELONGATED, REAR OUTLET, WHITE VITREOUS CHINA, 1-1/2" TOP SPUD, 1.28 GPF, ADA COMPLIANT, DIRECT-FED SIPHON JET ACTION. PROVIDE WATER CLOSET SUPPORT CARRIER RATED FOR 500 LBS. FLUSH VALVE: EXPOSED MANUAL FLUSH VALVE, POLISHED CHROME, MANUAL PISTON TYPE, 1.28 GPF, 11-1/2" ROUGH-IN, 1" I.P.S ANGLE STOP, VACUUM BREAKER. SEAT: ENLONGATED, COMMERCIAL HEAVY DUTY PLASTIC TOILET SEAT, WHITE IN COLOR, OPEN FRONT LESS COVER, ANTI-MICROBIAL, 304 STAINLESS STEEL CHECK HINGE.
WCO-1	WALL CLEANOUT (CLEANOUT TEE)	ZURN	Z1445	-	-	SEE DRAWING	-	CLEANOUT TEE. DURA-COATED CAST IRON BODY WITH GAS AND WATERTIGHT ABS TAPERED THREAD PLUG.
WHA-1	WATER HAMMER ASSESTER	ZURN	Z1700	SEE DETAIL ON SHEET P502	SEE DETAIL ON SHEET P502	-	-	SHOKTROL WATER HAMMER ARRESTOR, ALL STAINLESS STEEL CONSTRUCTION, HERMETICALLY SEALED BELLOWS TYPE, APPROVED PDI, ANSI, AND ASSE. SIZE ARRESTOR PER FIXTURE UNITS.
YCO-1	YARD CLEANOUT	SEE CIVIL DRAWINGS	SEE CIVIL DRAWINGS	-	-	SEE CIVIL DRAWINGS	-	SEE CIVIL DRAWINGS

NOTES:
1. SIZES LISTED ARE MINIMUM CONNECTIONS REQUIRED TO FIXTURES.

GREASE INTERCEPTOR

MARK	LOCATION	LIQUID CAPACITY (GAL.)	SLUDGE CAPACITY (LB.)	SHIPPING WEIGHT (LB.)	PIPE SIZE (IN)	VENT SIZE (IN)	DIMENSIONS			BASIS OF DESIGN		REMARKS
							LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	MANUFACTURER	MODEL	
GI-1	EXTERIOR - LOADING DOCK	3500	17,640	6100	6	3(QTY.2)	144	96	72	ROCKFORD	RGI-3500	1-5

REMARKS:
1. ALL WELDED STEEL CONSTRUCTION, HEAVY DUTY LEAK-PROOF GASKET, BITUMINOUS COATING OUTSIDE.
2. PROVIDE REMOVEABLE NONSKID TREAD-PLATE COVERS FOR FLUSH WITH GRADE INSTALLATION SUITABLE FOR HEAVY TRAFFIC LOAD.
3. PROVIDE MANWAY EXTENSION SIZED FOR FLUSH TO GRADE INSTALLATION.
4. INSTALL GREASE INTERCEPTOR AND PIPING BELOW THE FROST LINE TO PREVENT FREEZING.
5. SEE DETAIL FOR MORE INFORMATION.

SEWAGE EJECTOR PUMP

MARK	LOCATION	GPM	NO. OF PUMPS	TDH (FT)	HP	RPM	PIPE SIZE CONNECTION (IN)	ELECTRICAL DATA				BASIS OF DESIGN		REMARKS
								TOTAL FLA	VOLT	HZ	PHASE	MANUFACTURER	MODEL	
SEP-1 SEP-2	EXTERIOR - LOADING DOCK	100	2	38	2	3450	3	10.1	480	60	3	METROPOLITAN	SEH200	1-5

REMARKS:
1. THE WET CONCRETE WELL AND BASIN SHALL BE PROVIDED BY THE GENERAL CONTRACTOR. THE WET WELL SHALL HAVE AN INSIDE DIAMETER OF 4 FEET AND AN INSIDE HEIGHT OF 8 FEET. THE ACCESS FRAME AND HINGED COVERS (42 INCH X 30 INCH) SHALL BE CAST INTO EACH BASIN TOP. ACCESS COVER BASIS OF DESIGN: NEENAH R-6663-JH OR VA APPROVED EQUAL.
2. THE EXTERNAL VALVE VAULT AND INTEGRAL SUMP PUMP PIT SHALL BE PROVIDED BY THE GENERAL CONTRACTOR. THE VALVE VAULT SHALL HAVE AN INSIDE DIAMETER OF 4 FEET AND AN INSIDE HEIGHT OF 4 FEET. THE ACCESS FRAME AND HINGED COVERS (28 INCH X 28 INCH) SHALL BE CAST INTO EACH BASIN TOP. ACCESS COVER BASIS OF DESIGN: NEENAH R-6662-HH OR VA APPROVED EQUAL.
3. PROVIDE METROPOLITAN SHV401 (OR VA APPROVED EQUAL) SUMP PUMP WITH 0.40 HP, 1 PHASE, 60 HZ, 115V MOTOR FOR DEWATERING THE VALVE VAULT.
4. PROVIDE NEMA-4X (U.L. LABELED) DUPLEX CONTROL PANEL WITH A MAIN DOOR INTERLOCKED DISCONNECT, CIRCUIT BREAKERS, STARTERS, O.L. BLOCKS, H-O-A SWITCHES, TRANSFORMER, AND AN "INTELLI-PUMP" MICROPROCESSOR-BASED PROCESS-CONTROLLER.
5. REFER TO CONTROLS DRAWING FOR CONTROLLER REQUIREMENTS.

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100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02/12/2021
Revisions:	Date:

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			Approved: Project Director	FULLY SPRINKLERED	Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405	Building Number 500
			Issue Date 07/23/21	Checked RAH	Drawn TE	Drawing Number P702

VA CONTRACT NO: 36C24519C0171

KITCHEN EQUIPMENT SCHEDULE

MARK	DESCRIPTION	DOMESTIC COLD WATER	DOMESTIC HOT WATER	SANITARY	VENT	REMARKS
61	WORKTABLE WITH SINK	1/2"	1/2"	1-1/2"	-	ROUTE 1-1/2" DRAIN PIPING TO OPEN SITE FLOOR SINK.
62	WORKTABLE WITH SINK	1/2"	1/2"	1-1/2"	-	ROUTE 1-1/2" DRAIN PIPING TO OPEN SITE FLOOR SINK.
71	PREP-TABLE WITH TWO (2) SINKS	1/2"	1/2"	1-1/2" (2)	-	ROUTE TWO (2) 1-1/2" DRAIN PIPING TO OPEN SITE FLOOR SINK.
72	BLAST CHILLER / SHOCK FREEZER	-	-	1/2"	-	ROUTE 1/2" DRAIN TO OPEN SITE FUNNEL FLOOR DRAIN.
73	LOW TEMP UNDERCOUNTER DISHWASHER	-	3/4"	3/4"	-	ROUTE CW PIPING TO GARDEN HOSE FITTING. ROUTE DRAIN TO OPEN SITE FLOOR SINK.
74	POTATO PEELER	3/4"	-	2-1/2"	-	ROUTE CW PIPING TO FILL HOSE. ROUTE DRAIN TO OPEN SITE FLOOR SINK.
124 124F	MOBILE 5 WELL HOT FOOD UNIT	-	-	1"	-	
126	HOSE REEL WITH CONTROL VALVE	1/2"	1/2"	-	-	ROUTE CW AND HW PIPING TO MIXING FAUCET
127	MOBILE 5 WELL HOT FOOD UNIT	-	-	1"	-	
131	ICE MAKER	1/2"	-	3/4 (2)	-	INSTALL WATER FILTRATION SYSTEM UPSTREAM OF UNIT. INSTALL BACKFLOW PREVENTER (BFP-1) UPSTREAM OF WATER FILTRATION SYSTEM. ROUTE DRAIN TO OPEN SITE FUNNEL FLOOR DRAIN.
133	ICE MAKER / DISPENSER	1/2"	-	3/4 (2)	-	INSTALL WATER FILTRATION SYSTEM UPSTREAM OF UNIT. INSTALL BACKFLOW PREVENTER (BFP-1) UPSTREAM OF WATER FILTRATION SYSTEM. ROUTE DRAIN TO OPEN SITE FUNNEL FLOOR DRAIN.
135	FLOOR TROUGH	-	-	4"	2"	
136 136A	COFFEE MAKERS	1/2"	-	-	-	INSTALL WATER FILTRATION SYSTEM UPSTREAM OF UNIT. INSTALL BACKFLOW PREVENTER (BFP-1) UPSTREAM OF WATER FILTRATION SYSTEM.
138	ICE TEA BREWER	1/2"	-	-	-	INSTALL WATER FILTRATION SYSTEM UPSTREAM OF UNIT. INSTALL BACKFLOW PREVENTER (BFP-1) UPSTREAM OF WATER FILTRATION SYSTEM.
140	MOP SINK	1/2"	1/2"	4"	2"	TRANSITION FROM 2" IPS DRAIN TO 4". PROVIDE ELEVATED VACUUM BREAKER (7'-6" AFF).

NOTES:
1. SIZES LISTED ARE MINIMUM CONNECTIONS REQUIRED TO FIXTURES.
2. SEE FOOD SERVICE DRAWING FOR MANUFACTURER AND MODEL #.

KITCHEN EQUIPMENT SCHEDULE

MARK	DESCRIPTION	DOMESTIC COLD WATER	DOMESTIC HOT WATER	SANITARY	VENT	REMARKS
3	ROLL-THRU CART WASHER	-	1" & 1-1/4" (SOFT)	4"	-	ROUTE TO REDUCED PRESSURE ZONE BACKFLOW PREVENTER (RPZ-1) ON SUPPLY PIPING. 1-1/4" SHW CONNECTION TO AUTO FILL THROUGH RINSE. 1" SHW FEMALE NPT FAST FILL. 4" SANITARY PIPE CONNECTION TO PIT DRAIN.
5	FLIGHT TYPE DISHWASHER	1" (SOFT)	1" (SOFT)	2"	-	ROUTE 3/4" HOT WATER RELIEF VALVE PIPING AND 3/4" STEAM RELIEF VALVE PIPING SERVING TO OPEN SITE FLOOR SINK. 2" DRAIN PIPE TO OPEN SITE FLOOR SINK. PROVIDE WATER HAMMER ARRESTOR ON FINAL RINSE WATER SUPPLY. MEETS ASSE-1010.
6	HOSE REEL	1/2"	1/2"	-	-	ROUTE CW AND HW PIPING TO REEL RINSE CONTROL BOX
7	SOILED BREAK DOWN TABLE / WASTE COLLECTOR	1/2"	1/2"	1-1/2"	-	ROUTE CW AND HW PIPING TO FOUR (4) PLACES. ROUTE 1-1/2" DRAIN PIPING TO OPEN SITE FLOOR SINK, TWO (2) PLACES. ROUTE WASTE COLLECTOR DRAIN PIPING TO OPEN SITE FLOOR SINK.
8	HAND SINK	1/2"	1/2"	1-1/2"	1-1/2"	
9	HOSE REEL WITH CONTROL VALVE	1/2"	1/2"	-	-	ROUTE CW AND HW PIPING TO MIXING FAUCET
11	POWER SOAK SINK	3/4"	3/4"	1-1/2" (3)	-	ROUTE CW AND HW PIPING TO TWO (2) 3/4" HIGH-FLOW FAUCETS AND ONE (1) 1/2" PRE-RINSE FAUCET. ROUTE THREE (3) 1-1/2" DRAIN PIPING TO OPEN SITE FLOOR SINK.
12	SCRAPPER COLLECTOR	3/4"	3/4"	2"	-	ROUTE 3/4" CW AND 3/4" HW PIPING REDUCED TO 1/2" CONNECTIONS AT FACTORY PLUMBED WATER HARNESS. ROUTE 2" DRAIN PIPING FROM TANK TO OPEN SITE FLOOR SINK.
13	WORKTABLE WITH SINK	1/2"	1/2"	1-1/2"	-	ROUTE 1-1/2" DRAIN PIPING TO OPEN SITE FLOOR SINK.
15	EYE / FACE WASH	1/2"	1/2"	1-1/4"	-	ROUTE CW AND HW PIPING TO THERMOSTATIC MIXING VALVE ROUTE 1-1/4" DRAIN PIPING TO OPEN SITE FLOOR THROUGH.
17	WORKTABLE WITH SINK	1/2"	1/2"	1-1/2"	-	ROUTE 1-1/2" DRAIN PIPING TO OPEN SITE FLOOR SINK.
18	FLOOR TROUGH	-	-	4"	2"	
20	WORKTABLE WITH TWO (2) SINKS	1/2"	1/2"	1-1/2" (2)	-	ROUTE TWO (2) 1-1/2" DRAIN PIPING TO OPEN SITE FLOOR SINK.
22	HOSE REEL	1/2"	1/2"	-	-	ROUTE CW AND HW PIPING TO REEL RINSE CONTROL BOX
23	20QT (QTY:3) TRUNION KETTLES WITH STAND	1/2"	1/2"	-	-	ROUTE CW AND HW PIPING TO FAUCET. ROUTE DRAIN PIPING TO OPEN SITE FLOOR SINK.
24	40 GALLON STEAM KETTLE	1/2"	1/2"	-	-	ROUTE CW AND HW PIPING TO FAUCET.
25	20 GALLON STEAM KETTLE	1/2"	1/2"	-	-	ROUTE CW AND HW PIPING TO FAUCET.
26	FLOOR PAN WITH TROUGH	-	-	4" (3)	2"	THREE (3) 4" O.D. TAILPIECES
27	FLOOR TROUGH	-	-	4"	2"	
32	FLOOR TROUGH	-	-	4" (2)	2"	TWO (2) 4" O.D. TAILPIECES
33	ROLL-IN COMBINATION OVEN	3/4"	-	2"	-	INSTALL WATER FILTRATION SYSTEM UPSTREAM OF COMBI-OVEN UNIT(S). ROUTE DRAIN PIPING TO OPEN SITE FLOOR SINK.
34 34A	COMBINATION OVENS	3/4"	-	2"	-	INSTALL WATER FILTRATION SYSTEM UPSTREAM OF COMBI-OVEN UNIT(S). ROUTE DRAIN PIPING TO OPEN SITE FLOOR SINK. INSTALL BACKFLOW PREVENTER (BFP-1) UPSTREAM OF WATER FILTRATION SYSTEM.
38 38A	COMBINATION OVENS	3/4"	-	2"	-	INSTALL WATER FILTRATION SYSTEM UPSTREAM OF COMBI-OVEN UNIT(S). ROUTE DRAIN PIPING TO OPEN SITE FLOOR SINK. INSTALL BACKFLOW PREVENTER (BFP-1) UPSTREAM OF WATER FILTRATION SYSTEM.
40	BAKING WORKTABLE WITH SINK	1/2"	1/2"	1-1/2"	-	ROUTE 1-1/2" DRAIN PIPING TO OPEN SITE FLOOR SINK.
49	3 PAN HOT FOOD WELL	-	-	1"	-	ROUTE DRAIN PIPING TO OPEN SITE FLOOR SINK.
50	ROLL-IN BLAST FREEZER	-	-	1"	-	ROUTE CONDENSATE DRAIN PIPING TO OPEN SITE FUNNEL FLOOR DRAIN.
51	ROLL-IN BLAST FREEZER	-	-	1"	-	ROUTE CONDENSATE DRAIN PIPING TO OPEN SITE FUNNEL FLOOR DRAIN.
59	WORKTABLE WITH SINK	1/2"	1/2"	1-1/2"	-	ROUTE 1-1/2" DRAIN PIPING TO OPEN SITE FLOOR SINK.

NOTES:
1. SIZES LISTED ARE MINIMUM CONNECTIONS REQUIRED TO FIXTURES.
2. SEE FOOD SERVICE DRAWING FOR MANUFACTURER AND MODEL #.

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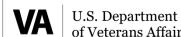
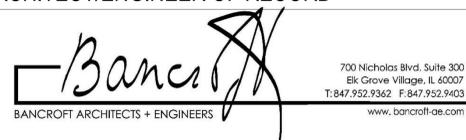
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VA CONTRACT NO: 36C24519C0171

Project Title
RENOVATE /UPGRADE NUTRITION & FOOD SERVICE KITCHEN

Project Number
613-19-103
Building Number
500

100% CONSTRUCTION DOCUMENTS SUBMISSION 07/23/2021
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