



# MARTINSBURG VA MEDICAL CENTER

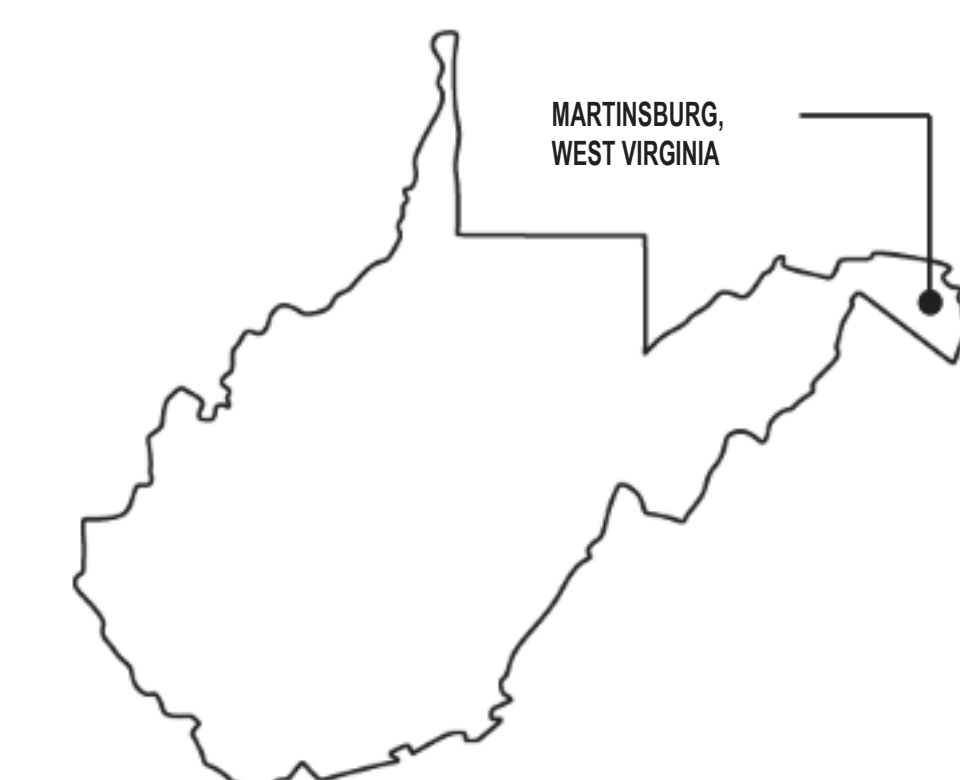
# RENOVATE/UPGRADE NFS KITCHEN - BUILDING 500 BASEMENT

# BANCROFT ARCHITECTS + ENGINEERS

# COMMERCIAL KITCHEN CONSULTING LLC

**GWIN, DOBSON & FOREMAN, INC.**

G001

VA FORM 08-6231



DRAWING INDEX							
SHEET NUMBER	SHEET TITLE	DRAWN BY	30%	60%	95%	100%	BID
QF- 1	FOOD SERVICES EQUIPMENT HOOD ITEM #28 DRAWING	CKC	*	*	*	*	*
QF- 2	FOOD SERVICES EQUIPMENT WALK-IN ITEMS #80, 84, 85, 88 & 93 DRAWINGS	CKC	*	*	*	*	*
QF- 3	FOOD SERVICES EQUIPMENT WALK-IN DOOR SWITCH WIRING DRAWINGS	CKC	*	*	*	*	*
QF- 4	FOOD SERVICES IN ITEM #107 & WIRING DIAGRAMS DRAWING	CKC	*	*	*	*	*
QF- 5	FOOD SERVICES DISHWASHER EXIST. SOILED TABLE, POWER SOAK SINK AND FLOOR PAN DRAWING	CKC	*	*	*	*	*
QF- 6	FOOD SERVICES EQUIPMENT CART WASHER ITEM #3 DRAWING	CKC	*	*	*	*	*
QF- 7	FOOD SERVICES EQUIPMENT - CUSTOM FABRICATED EQUIPMENT	CKC	*	*	*	*	*
05-FIRE PROTECTION							
FX001	FIRE PROTECTION - GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS	BAE	*	*	*	*	*
FD100	FIRE PROTECTION - OVERALL DEMOLITION PLAN, BASEMENT FLOOR	BAE	*	*	*	*	*
FD100.1	FIRE PROTECTION - ENLARGED DEMOLITION PLAN, BASEMENT FLOOR - AREA 1	BAE	*	*	*	*	*
FD100.2	FIRE PROTECTION - ENLARGED DEMOLITION PLAN, BASEMENT FLOOR - AREA 2	BAE	*	*	*	*	*
FD100.3	FIRE PROTECTION - ENLARGED DEMOLITION PLAN, BASEMENT FLOOR - AREA 3	BAE	*	*	*	*	*
FD100.4	FIRE PROTECTION - ENLARGED DEMOLITION PLAN, BASEMENT FLOOR - AREA 4	BAE	*	*	*	*	*
FX100	FIRE PROTECTION - OVERALL SPRINKLER PLAN, BASEMENT FLOOR	BAE	*	*	*	*	*
FX100.1	FIRE PROTECTION - ENLARGED SPRINKLER PLAN, BASEMENT FLOOR - AREA 1	BAE	*	*	*	*	*
FX100.2	FIRE PROTECTION - ENLARGED SPRINKLER PLAN, BASEMENT FLOOR - AREA 2	BAE	*	*	*	*	*
FX100.3	FIRE PROTECTION - ENLARGED SPRINKLER PLAN, BASEMENT FLOOR - AREA 3	BAE	*	*	*	*	*
FX100.4	FIRE PROTECTION - ENLARGED SPRINKLER PLAN, BASEMENT FLOOR - AREA 4	BAE	*	*	*	*	*
FX500	FIRE PROTECTION - DETAILS	BAE	*	*	*	*	*
06 - PLUMBING							
P001	PLUMBING - GENERAL NOTES, SYMBOLS AND ABBREVIATIONS	BAE	*	*	*	*	*
PD100U	PLUMBING - OVERALL DEMOLITION PLAN, UNDERGROUND	BAE	*	*	*	*	*
PD100.1U	PLUMBING - ENLARGED DEMOLITION PLAN, UNDERGROUND - AREA 1	BAE	*	*	*	*	*
PD100.2U	PLUMBING - ENLARGED DEMOLITION PLAN, UNDERGROUND - AREA 2	BAE	*	*	*	*	*
PD100.3U	PLUMBING - ENLARGED DEMOLITION PLAN, UNDERGROUND - AREA 3	BAE	*	*	*	*	*
PD100	PLUMBING - OVERALL DEMOLITION PLAN, BASEMENT FLOOR	BAE	*	*	*	*	*
PD100.1	PLUMBING - ENLARGED DEMOLITION PLAN, BASEMENT FLOOR - AREA 1	BAE	*	*	*	*	*
PD100.2	PLUMBING - ENLARGED DEMOLITION PLAN, BASEMENT FLOOR - AREA 2	BAE	*	*	*	*	*
PD100.3	PLUMBING - ENLARGED DEMOLITION PLAN, BASEMENT FLOOR - AREA 3	BAE	*	*	*	*	*
PD100I	PLUMBING - OVERALL DEMOLITION PLAN, INTERSTITIAL FLOOR	BAE	*	*	*	*	*
PD100.1I	PLUMBING - ENLARGED DEMOLITION PLAN, INTERSTITIAL FLOOR - AREA 1	BAE	*	*	*	*	*
PD100.2I	PLUMBING - ENLARGED DEMOLITION PLAN, INTERSTITIAL FLOOR - AREA 2	BAE	*	*	*	*	*
PD100.3I	PLUMBING - ENLARGED DEMOLITION PLAN, INTERSTITIAL FLOOR - AREA 3	BAE	*	*	*	*	*
P100U	PLUMBING - OVERALL FLOOR PLAN, UNDERGROUND	BAE	*	*	*	*	*
P100.1U	PLUMBING - ENLARGED FLOOR PLAN, UNDERGROUND - AREA 1	BAE	*	*	*	*	*
P100.2U	PLUMBING - ENLARGED FLOOR PLAN, UNDERGROUND - AREA 2	BAE	*	*	*	*	*
P100.3U	PLUMBING - ENLARGED FLOOR PLAN, UNDERGROUND - AREA 3	BAE	*	*	*	*	*
P100.4U	PLUMBING - ENLARGED FLOOR PLAN, UNDERGROUND - AREA 4	BAE	*	*	*	*	*
P100.5U	PLUMBING - ENLARGED FLOOR PLAN, UNDERGROUND - LOADING DOCK	BAE	*	*	*	*	*
P100	PLUMBING - OVERALL FLOOR PLAN, BASEMENT FLOOR	BAE	*	*	*	*	*
P100.2	PLUMBING - ENLARGED FLOOR PLAN, BASEMENT FLOOR - AREA 2	BAE	*	*	*	*	*
P100.3	PLUMBING - ENLARGED FLOOR PLAN, BASEMENT FLOOR - AREA 3	BAE	*	*	*	*	*
P100.4	PLUMBING - ENLARGED FLOOR PLAN, BASEMENT FLOOR - AREA 4	BAE	*	*	*	*	*
P100.5	PLUMBING - ENLARGED FLOOR PLAN, BASEMENT FLOOR - LOADING DOCK	BAE	*	*	*	*	*
P100I	PLUMBING - OVERALL FLOOR PLAN, INTERSTITIAL FLOOR	BAE	*	*	*	*	*
P100.1I	PLUMBING - ENLARGED FLOOR PLAN, INTERSTITIAL FLOOR - AREA 1	BAE	*	*	*	*	*
P100.2I	PLUMBING - ENLARGED FLOOR PLAN, INTERSTITIAL FLOOR - AREA 2	BAE	*	*	*	*	*
P100.3I	PLUMBING - ENLARGED FLOOR PLAN, INTERSTITIAL FLOOR - AREA 3	BAE	*	*	*	*	*
P100.4I	PLUMBING - ENLARGED FLOOR PLAN, INTERSTITIAL FLOOR - AREA 4	BAE	*	*	*	*	*
P501	PLUMBING - DETAILS	BAE	*	*	*	*	*
P502	PLUMBING - DETAILS	BAE	*	*	*	*	*
P503	PLUMBING - DETAILS	BAE	*	*	*	*	*
P601	PLUMBING - DOMESTIC WATER ISOMETRIC - AREA 2	BAE	*	*	*	*	*
P602	PLUMBING - DOMESTIC WATER ISOMETRIC - AREA 3 AND 4	BAE	*	*	*	*	*
P603	PLUMBING - SANITARY AND VENT ISOMETRIC - AREA 2	BAE	*	*	*	*	*
P604	PLUMBING - SANITARY AND VENT ISOMETRIC - AREA 3 AND 4	BAE	*	*	*	*	*
P701	PLUMBING - SCHEDULE	BAE	*	*	*	*	*
P702	PLUMBING - SCHEDULE	BAE	*	*	*	*	*
P703	PLUMBING - SCHEDULE	BAE	*	*	*	*	*
07-MECHANICAL							
M001	MECHANICAL - GENERAL NOTES, SYMBOLS AND ABBREVIATIONS	BAE	*	*	*	*	*
MCD100	MECHANICAL VENTILATION - OVERALL BASEMENT CEILING DEMOLITION PLAN	BAE	*	*	*	*	*
MHD100	MECHANICAL VENTILATION - OVERALL BASEMENT DEMOLITION PLAN	BAE	*	*	*	*	*
MHD100.1	MECHANICAL VENTILATION - ENLARGED BASEMENT DEMOLITION PLAN - AREA 1	BAE	*	*	*	*	*
MHD100.2	MECHANICAL VENTILATION - ENLARGED BASEMENT DEMOLITION PLAN - AREA 2	BAE	*	*	*	*	*
MHD100.3	MECHANICAL VENTILATION - ENLARGED BASEMENT DEMOLITION PLAN - AREA 3	BAE	*	*	*	*	*
MHD100.4	MECHANICAL VENTILATION - ENLARGED BASEMENT DEMOLITION PLAN - AREA 4	BAE	*	*	*	*	*
MHD100.6	MECHANICAL VENTILATION - ENLARGED BASEMENT DEMOLITION PLAN - AREA 6	BAE	*	*	*	*	*
MHD100.7	MECHANICAL VENTILATION - ENLARGED BASEMENT DEMOLITION PLAN - AREA 7/8	BAE	*	*	*	*	*
MHD100.8	MECHANICAL VENTILATION - ENLARGED BASEMENT DEMOLITION PLAN - GC105 MECHANICAL ROOM	BAE	*	*	*	*	*
MHD101	MECHANICAL VENTILATION - OVERALL ROOF DEMOLITION PLAN	BAE	*	*	*	*	*
MHD200	MECHANICAL VENTILATION - OVERALL INTERSTITIAL FLOOR DEMOLITION PLAN	BAE	*	*	*	*	*
MHD200.1	MECHANICAL VENTILATION - ENLARGED INTERSTITIAL FLOOR DEMOLITION PLAN - AREA 1	BAE	*	*	*	*	*
MHD200.2	MECHANICAL VENTILATION - ENLARGED INTERSTITIAL FLOOR DEMOLITION PLAN - AREA 2	BAE	*	*	*	*	*
MHD200.3	MECHANICAL VENTILATION - ENLARGED INTERSTITIAL FLOOR DEMOLITION PLAN - AREA 3	BAE	*	*	*	*	*
MHD200.4	MECHANICAL VENTILATION - ENLARGED INTERSTITIAL FLOOR DEMOLITION PLAN - AREA 4	BAE	*	*	*	*	*
MHD200.5	MECHANICAL VENTILATION - ENLARGED INTERSTITIAL FLOOR DEMOLITION PLAN - AREA 5	BAE	*	*	*	*	*
MHD200.6	MECHANICAL VENTILATION - ENLARGED INTERSTITIAL FLOOR DEMOLITION PLAN - AREA 6	BAE	*	*	*	*	*
MHD200.7	MECHANICAL VENTILATION - ENLARGED INTERSTITIAL FLOOR DEMOLITION PLAN - AREA 7/8	BAE	*	*	*	*	*
MPD100	MECHANICAL PIPING - OVERALL BASEMENT DEMOLITION PLAN	BAE	*	*	*	*	*
MPD100.1	MECHANICAL PIPING - ENLARGED BASEMENT DEMOLITION PLAN - AREA 1	BAE	*	*	*	*	*
MPD100.2	MECHANICAL PIPING - ENLARGED BASEMENT DEMOLITION PLAN - AREA 2	BAE	*	*	*	*	*
MPD100.7	MECHANICAL PIPING - ENLARGED BASEMENT DEMOLITION PLAN - AREA 7/8	BAE	*	*	*	*	*
MPD100.8	MECHANICAL PIPING - ENLARGED BASEMENT DEMOLITION PLAN - GC105 MECHANICAL ROOM	BAE	*	*	*	*	*
MPD200	MECHANICAL PIPING - OVERALL INTERSTITIAL FLOOR DEMOLITION PLAN	BAE	*	*	*	*	*
MPD200.1	MECHANICAL PIPING - ENLARGED INTERSTITIAL FLOOR DEMOLITION PLAN - AREA 1	BAE	*	*	*	*	*
MPD200.2	MECHANICAL PIPING - ENLARGED INTERSTITIAL FLOOR DEMOLITION PLAN - AREA 2	BAE	*	*	*	*	*
MPD200.7	MECHANICAL PIPING - ENLARGED INTERSTITIAL FLOOR DEMOLITION PLAN - AREA 7/8	BAE	*	*	*	*	*
MC100	MECHANICAL VENTILATION - OVERALL BASEMENT CEILING PLAN	BAE	*	*	*	*	*
MH100	MECHANICAL VENTILATION - OVERALL BASEMENT PLAN	BAE	*	*	*	*	*
MH100.1	MECHANICAL VENTILATION - ENLARGED BASEMENT PLAN - AREA 1	BAE	*	*	*	*	*
MH100.2	MECHANICAL VENTILATION - ENLARGED BASEMENT PLAN - AREA 2	BAE	*	*	*	*	*
MH100.3	MECHANICAL VENTILATION - ENLARGED BASEMENT PLAN - AREA 3	BAE	*	*	*	*	*

NOTE: DRAWING INDEX CONTINUED ON SHEET G003

G-	GENERAL	A512	ARCHITECTURAL - WALL PROTECTION AND FINISH DETAILS
H-	HAZARDOUS MATERIALS	A521	ARCHITECTURAL - MILLWORK AND ACOUSTIC PANEL DETAILS
S-	STRUCTURAL	A522	OPERABLE PARTITION ENLARGED PLAN AND DETAILS & HERB WALL DETAILS
A-	ARCHITECTURAL	A601	ARCHITECTURAL - DOOR AND WINDOW SCHEDULE AND DETAILS

I- INTERIORS  
FS- FOODSERVICES  
F- FIRE PROTECTION  
P- PLUMBING  
M- MECHANICAL  
E- ELECTRICAL

GI - GENERAL INFORMATION

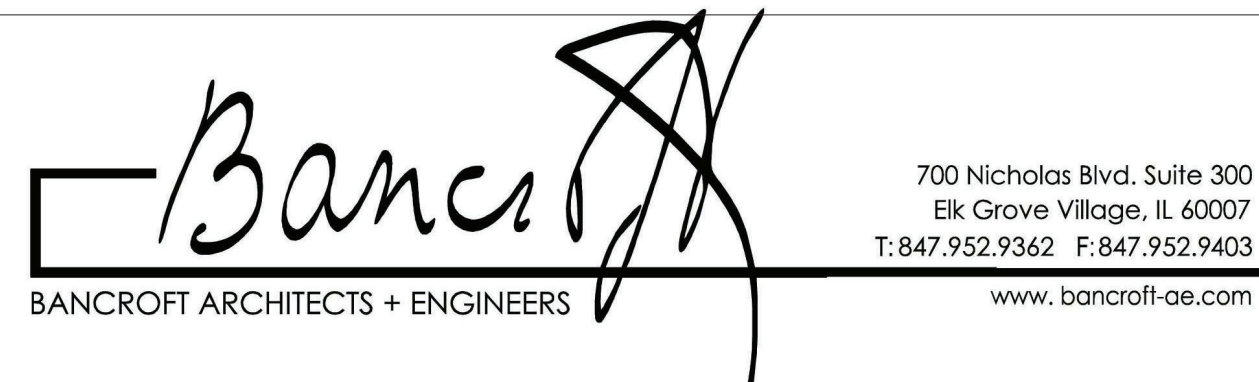
GC	GENERAL CONTRACT
SD	STRUCTURAL DEMOLITION
SF	STRUCTURAL FRAMING
AD	ARCHITECTURAL DEMOLITION
AC	ARCHITECTURAL CEILING
AR	ARCHITECTURAL ROOF
IF	INTERIOR FINISHES
QI	INTERIOR EQUIPMENT/ FURNITURE
QI	INTERIOR SIGNAGE
QH	EQUIPMENT
FSD	FOODSERVICES DEMOLITION
FD	FOODSERVICES EQUIPMENT
FX	FIRE PROTECTION SUPPRESSION
PL	PLUMBING DEMOLITION
PW	PLUMBING DOMESTIC WATER
PS	PLUMBING SANITARY/STORMWATER
PG	MEDICAL GAS
MD	MECHANICAL DEMOLITION
MH	MECHANICAL HEATING/VENTILATING
MP	MECHANICAL PIPING
ED	ELECTRICAL DEMOLITION
EF	FIRE PROTECTION DETECTION & ALARM
EL	ELECTRICAL POWER
EL	ELECTRICAL LIGHTING

DRAWING TYPE DESIGNATOR:

2- BUILDING ELEVATIONS  
3- STRUCTURAL DEMOLITION  
4- ENLARGED PLANS  
5- DETAILS  
6- SCHEDULES  
7- DIAGRAMS  
8- USER DEFINED  
9- 3D REPRESENTATIONS/PHOTOGRAPHY

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

## ARCHITECT/ENGINEER OF RECORD



STAMP

Office of  
Construction  
and Facilities  
Management

**VA** U.S. Department  
of Veterans Affairs

Drawing Title	DRAWING INDEX
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Approved: Project Director

Phase	BID DOCUMENTS SUBMITTAL
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FULLY SPRINKLERED

VA CONTRACT NO: 36C24519C0171

Project Title

RENOVATE/UPGRADE NFS KITCHEN  
- BUILDING 500 BASEMENT

<b>Location</b>	510 BUTLER AVENUE, MARTINSBURG, WV 25405
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Issue Date
11/24/21

Checked  
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Drawn	
DM/KA	

Case Number  
8-19-103

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G002



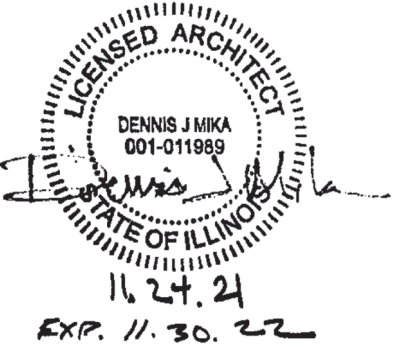
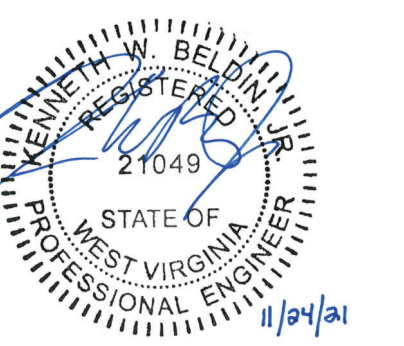



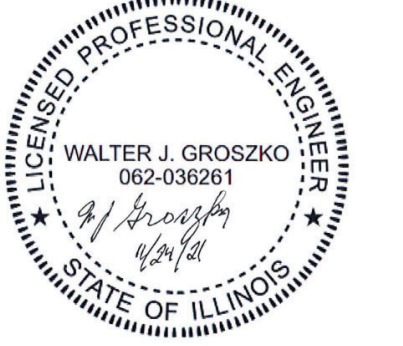
A  
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C  
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E  
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DRAWING INDEX Contd.							
SHEET NUMBER	SHEET TITLE	DRAWN BY	30%	60%	95%	100%	BID
08-ELECTRICAL							
E001	ELECTRICAL - GENERAL NOTES	BAE	*	*	*	*	*
E002	ELECTRICAL - SYMBOLS AND ABBREVIATIONS	BAE	*	*	*	*	*
E201	ELECTRICAL - CONSTRUCTION PHASING	BAE			*	*	*
E201.1	ELECTRICAL - CONSTRUCTION PHASING	BAE				*	*
E201.2	ELECTRICAL - CONSTRUCTION PHASING	BAE				*	*
EPD100	ELECTRICAL - OVERALL POWER DEMOLITION PLAN, BASEMENT FLOOR & PENTHOUSE	BAE	*	*	*	*	*
EPD100.1	ELECTRICAL - POWER DEMOLITION PLAN, BASEMENT FLOOR - AREA 1	BAE	*	*	*	*	*
EPD100.2	ELECTRICAL - POWER DEMOLITION PLAN, BASEMENT FLOOR - AREA 2	BAE	*	*	*	*	*
EPD100.3	ELECTRICAL - POWER DEMOLITION PLAN, BASEMENT FLOOR - AREA 3	BAE	*	*	*	*	*
EPD100.4	ELECTRICAL - POWER DEMOLITION PLAN, BASEMENT FLOOR - AREA 4	BAE	*	*	*	*	*
EPD100.5	ELECTRICAL - POWER DEMOLITION PLAN, ELECTRICAL ROOMS GA137H, GA139A, GB100E AND GD102A	BAE	*	*	*	*	*
EPD100.6	ELECTRICAL - POWER DEMOLITION PLAN, ELECTRICAL ROOM GC105D	BAE	*	*	*	*	*
EPD100.7	ELECTRICAL - POWER DEMOLITION EQUIPMENT SCHEDULES	BAE			*	*	*
EPD100.8	ELECTRICAL - POWER DEMOLITION PLAN, ENLARGED AHU ROOM GC105	BAE		*	*	*	*
EPD101	ELECTRICAL - POWER DEMOLITION PLAN, ROOF AND MOTOR CONTROL CENTER	BAE		*	*	*	*
EP100	ELECTRICAL - OVERALL POWER PLAN, BASEMENT FLOOR	BAE		*	*	*	*
EP100.1	ELECTRICAL - POWER PLAN, BASEMENT FLOOR - AREA 1	BAE		*	*	*	*
EP100.2	ELECTRICAL - POWER PLAN, BASEMENT FLOOR - AREA 2	BAE		*	*	*	*
EP100.3	ELECTRICAL - POWER PLAN, BASEMENT FLOOR - AREA 3	BAE		*	*	*	*
EP100.4	ELECTRICAL - POWER PLAN - BASEMENT FLOOR - AREA 4	BAE		*	*	*	*
EP100.5A	ELECTRICAL - POWER PLAN, ELECTRICAL ROOM GA137H	BAE		*	*	*	*
EP100.5B	ELECTRICAL - POWER PLAN, ELECTRICAL ROOM GA139A	BAE		*	*	*	*
EP100.5C	ELECTRICAL - POWER PLAN, ELECTRICAL ROOM GA-021	BAE		*	*	*	*
EP100.5D	ELECTRICAL - POWER PLAN, ELECTRICAL ROOM GD102A	BAE		*	*	*	*
EP100.6	ELECTRICAL - POWER PLAN, ELECTRICAL ROOM GC105D	BAE		*	*	*	*
EP100.7	ELECTRICAL - ENLARGED BASEMENT PLAN-AREA 7/8	BAE			*	*	*
EP100.8	ELECTRICAL - POWER PLAN, ENLARGED AHU ROOM GC105	BAE		*	*	*	*
EP100.9	ELECTRICAL - POWER PLAN, LOADING DOCK AREA & UNDERGROUND GREASE TRAP	BAE			*	*	*
EP101	ELECTRICAL - POWER PLAN, ROOF AND MOTOR CONTROL CENTER - MCC1A	BAE		*	*	*	*
EP102	ELECTRICAL - COOLERS AND FREEZERS ENLARGED POWER PLAN	BAE			*	*	*
EP103	ELECTRICAL - FREEZERS 80 & 84 UNDER SLAB HEAT TRACE & CONDENSATE HEAT TRACE	BAE		*	*	*	*
ELD100	ELECTRICAL - OVERALL LIGHTING DEMOLITION PLAN, BASEMENT FLOOR	BAE	*	*	*	*	*
ELD100.1	ELECTRICAL - LIGHTING DEMOLITION PLAN, BASEMENT FLOOR - AREA 1	BAE	*	*	*	*	*
ELD100.2	ELECTRICAL - LIGHTING DEMOLITION PLAN, BASEMENT FLOOR - AREA 2	BAE	*	*	*	*	*
ELD100.3	ELECTRICAL - LIGHTING DEMOLITION PLAN, BASEMENT FLOOR - AREA 3	BAE	*	*	*	*	*
ELD100.4	ELECTRICAL - LIGHTING DEMOLITION PLAN, BASEMENT FLOOR - AREA 4	BAE	*	*	*	*	*
EL100	ELECTRICAL - OVERALL LIGHTING PLAN, BASEMENT FLOOR	BAE		*	*	*	*
EL100.1	ELECTRICAL - LIGHTING PLAN, BASEMENT - AREA 1	BAE		*	*	*	*
EL100.2	ELECTRICAL - LIGHTING PLAN, BASEMENT - AREA 2	BAE		*	*	*	*
EL100.3	ELECTRICAL - LIGHTING PLAN, BASEMENT - AREA 3	BAE		*	*	*	*
EL100.4	ELECTRICAL - LIGHTING PLAN, BASEMENT - AREA 4	BAE		*	*	*	*
EL102	ELECTRICAL - COOLERS AND FREEZERS ENLARGED LIGHTING PLAN	BAE			*	*	*
EL102.1	ELECTRICAL - REFRIGERATORS DOOR, KASON CONTROLS AND LIGHTING SCHEDULES	BAE			*	*	*
ETD100	ELECTRICAL - OVERALL TECHNOLOGY DEMOLITION PLAN, BASEMENT FLOOR	BAE	*	*	*	*	*
ETD100.1	ELECTRICAL - TECHNOLOGY DEMOLITION PLAN, BASEMENT FLOOR - AREA 1	BAE	*	*	*	*	*
ETD100.2	ELECTRICAL - TECHNOLOGY DEMOLITION PLAN, BASEMENT FLOOR - AREA 2	BAE	*	*	*	*	*
ETD100.3	ELECTRICAL - TECHNOLOGY DEMOLITION PLAN, BASEMENT FLOOR - AREA 3	BAE	*	*	*	*	*
ETD100.4	ELECTRICAL - TECHNOLOGY DEMOLITION PLAN, BASEMENT FLOOR - AREA 4	BAE	*	*	*	*	*
ET100	ELECTRICAL - OVERALL TECHNOLOGY PLAN, BASEMENT FLOOR	BAE		*	*	*	*
ET100.1	ELECTRICAL - TECHNOLOGY PLAN, BASEMENT FLOOR - AREA 1	BAE		*	*	*	*
ET100.2	ELECTRICAL - TECHNOLOGY PLAN, BASEMENT FLOOR - AREA 2	BAE		*	*	*	*
ET100.3	ELECTRICAL - TECHNOLOGY PLAN, BASEMENT FLOOR - AREA 3	BAE		*	*	*	*
ET100.4	ELECTRICAL - TECHNOLOGY PLAN, BASEMENT FLOOR - AREA 4	BAE		*	*	*	*
ET100.8	ELECTRICAL - TECHNOLOGY PLAN, ENLARGED AHU ROOM GC105	BAE			*	*	*
ET101	ELECTRICAL - TECHNOLOGY PLAN, ROOF AND MOTOR CONTROL CENTER - MCC1A	BAE			*	*	*
ET102	ELECTRICAL - COOLERS AND FREEZERS ENLARGED CONTROLS PLAN	BAE			*	*	*
ET104	ELECTRICAL - IT ROOM GD-129	BAE			*	*	*
ET105	ELECTRICAL - IT CLOSET-GA-036	BAE			*	*	*
ET106	ELECTRICAL - IT ROOM GB-134	BAE				*	*
EPD100	ELECTRICAL - OVERALL FIRE DETECTION AND ALARM DEMOLITION PLAN, BASEMENT FLOOR	BAE	*	*	*	*	*
EPD100.1	ELECTRICAL - FIRE DETECTION AND ALARM DEMOLITION PLAN, BASEMENT FLOOR - AREA 1	BAE	*	*	*	*	*
EPD100.2	ELECTRICAL - FIRE DETECTION AND ALARM DEMOLITION PLAN, BASEMENT FLOOR - AREA 2	BAE	*	*	*	*	*
EPD100.3	ELECTRICAL - FIRE DETECTION AND ALARM DEMOLITION PLAN, BASEMENT FLOOR - AREA 3	BAE	*	*	*	*	*
EPD100.4	ELECTRICAL - FIRE DETECTION AND ALARM DEMOLITION PLAN, BASEMENT FLOOR - AREA 4	BAE	*	*	*	*	*
EF100	ELECTRICAL - OVERALL FIRE DETECTION AND ALARM PLAN	BAE			*	*	*
EF100.1	ELECTRICAL - FIRE DETECTION AND ALARM PLAN, BASEMENT FLOOR - AREA 1	BAE		*	*	*	*
EF100.2	ELECTRICAL - FIRE DETECTION AND ALARM PLAN, BASEMENT FLOOR - AREA 2	BAE		*	*	*	*
EF100.3	ELECTRICAL - FIRE DETECTION AND ALARM PLAN, BASEMENT FLOOR - AREA 3	BAE		*	*	*	*
EF100.4	ELECTRICAL - FIRE DETECTION AND ALARM PLAN, BASEMENT FLOOR - AREA 4	BAE		*	*	*	*
EF100.5	ELECTRICAL - FIRE PROTECTION DETAILS	BAE			*	*	*
ED500-102	ELECTRICAL - SINGLE LINE BLDG 500-SWBD-B	BAE	*	*	*	*	*
ED500-104	ELECTRICAL - SINGLE LINE BLDG 500-SWBD-DP-NE-R & DP-NCB_NC1_NC2	BAE	*	*	*	*	*
ED500-105	ELECTRICAL - SINGLE LINE BLDG 500-DP-SWW1, EDP-1-TR & DP-SA	BAE	*	*	*	*	*
ED500-106	ELECTRICAL - SINGLE LINE BLDG 500-ELP-NEB-B	BAE			*	*	*
ED500-109	ELECTRICAL - SINGLE LINE BLDG 500-SWBD-BD-3 & DPA-EQ1	BAE	*	*	*	*	*
ED500-110	ELECTRICAL - SINGLE LINE BLDG 500-CRITICAL	BAE	*	*	*	*	*
ED500-111	ELECTRICAL - SINGLE LINE BLDG 500-SWBD-DPA-LS	BAE	*	*	*	*	*
ED500-113	ELECTRICAL - SINGLE LINE BLDG 500-SE1 & DP-OR	BAE	*	*	*	*	*
ED500-114	ELECTRICAL - SINGLE LINE BLDG 500-SWBD-DP-SEB, DP-SE2 & DP-SW1	BAE	*	*	*	*	*
ED500-115	ELECTRICAL - SINGLE LINE BLDG 500-DP-NEB & DP-KA	BAE	*	*	*	*	*
ED500-116	ELECTRICAL - SINGLE LINE BLDG 500-DP-SWB	BAE	*	*	*	*	*
E500-101	ELECTRICAL - SINGLE LINE BLDG 500-SWBD-A	BAE		*	*	*	*
E500-102	ELECTRICAL - SINGLE LINE BLDG 500-SWBD-500-B	BAE		*	*	*	*
E500-103	ELECTRICAL - SINGLE LINE BLDG 500-SWBD-EMERGENCY	BAE	*	*	*	*	*
E500-104	ELECTRICAL - SINGLE LINE BLDG 500-SWBD-DP-NE-R & DP-NCB_NC1_NC2	BAE		*	*	*	*
E500-105	ELECTRICAL - SINGLE LINE BLDG 500-DP-SWW1, EDP-1-TR & DP-SA	BAE		*	*	*	*
E500-106	ELECTRICAL - SINGLE LINE BLDG 500-ELP-NEB-B	BAE			*	*	*
E500-108	ELECTRICAL - SINGLE LINE BLDG 500-SWBD-MCC-1 & SWBD-EMDP	BAE		*	*	*	*
E500-108.1	ELECTRICAL - SINGLE LINE BLDG 500-SWBD-EMDP	BAE			*	*	*
E500-109	ELECTRICAL - SINGLE LINE BLDG 500-SWBD-BD-3 & DPA-EQ1	BAE		*	*	*	*
E500-110	ELECTRICAL - SINGLE LINE BLDG 500-CRITICAL	BAE		*	*	*	*
E500-111	ELECTRICAL - SINGLE LINE BLDG 500-SWBD-DPA-EQ2	BAE		*	*	*	*
E500-111.1	ELECTRICAL - SINGLE LINE BLDG 500-SWBD-DPA-LS	BAE			*	*	*
E500-112	ELECTRICAL - SINGLE LINE BLDG 500-DP-NWB	BAE		*	*	*	*
E500-113	ELECTRICAL - SINGLE LINE BLDG 500-SE1 & DP-OR	BAE		*	*	*	*
E500-114	ELECTRICAL - SINGLE LINE BLDG 500-SWBD-DP-SEB, DP-SE2 & DP-SW1	BAE		*	*	*	*

DRAWING INDEX Contd.							
SHEET NUMBER	SHEET TITLE	DRAWN BY	30%	60%	95%	100%	BID
E500-115	ELECTRICAL - SINGLE LINE BLDG 500-DP-KA	BAE		*	*	*	*
E500-116	ELECTRICAL - SINGLE LINE BLDG 500-DP-SWB-B	BAE		*	*	*	*
E500-120	ELECTRICAL - SINGLE LINE BLDG 500-EM PANEL-DPA-EQ	BAE			*	*	*
ED600-1	ELECTRICAL - DEMOLITION PANELS ELEC. ROOM GA139A	BAE		*	*	*	*
ED600-2	ELECTRICAL - DEMOLITION PANELS ELEC. ROOM GB100E	BAE		*	*	*	*
ED600-3	ELECTRICAL - DEMOLITION PANELS ELEC. ROOM GB123	BAE		*	*	*	*
ED600-4	ELECTRICAL - DEMOLITION PANELS ELEC. ROOM GC105D	BAE		*	*	*	*
E600	ELECTRICAL - NEW PANELS ELEC. ROOM GA137H	BAE		*	*	*	*
E600-1	ELECTRICAL - NEW PANELS ELEC. ROOM GA139A	BAE		*	*	*	*
E600-2	ELECTRICAL - NEW PANELS ELEC. ROOM GB100E	BAE		*	*	*	*
E600-4	ELECTRICAL - NEW PANELS ELEC. ROOM GC105D	BAE		*	*	*	*
E600-5	ELECTRICAL - NEW PANELS ELEC. ROOM GD102A	BAE		*	*	*	*
E601	ELECTRICAL - ELECTRICAL EQUIPMENT, BREAKER AND PROTECTIVE DEVICES SCHEDULE	BAE		*	*	*	*
E602	ELECTRICAL - BREAKER SETTINGS LOW VOLTAGE 480 BREAKERS SWB-A AND SWB-B	BAE		*	*	*	*
E700	ELECTRICAL - ROOMS LIGHTING SCHEMES	BAE			*	*	*
E701	ELECTRICAL - AIR CURTAIN, ANSUL MICROSWITCH AND GROUND TRIAD DETAILS	BAE			*	*	*
E702	ELECTRICAL - DETAILS - SECURITY	BAE			*	*	*
E703	ELECTRICAL - WIRING AND CONTROL DIAGRAMS	BAE			*	*	*

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MECHANICAL ENGINEER	
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ELECTRICAL ENGINEER	
BANCROFT ARCHITECTS + ENGINEERS 3300 DUNDEE ROAD, NORTHBROOK, IL 60062 P: 847-952-9362	
	
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VA CONTRACT NO: 36C24519C0171

<div>BID DOCUMENTS SUBMITTAL</div> <div>100% CONSTRUCTION DOCUMENTS SUBMISSION07/23/2021</div> <div>95% CONSTRUCTION DOCUMENTS SUBMISSION02/12/2021</div> <div>60% DESIGN DEVELOPMENT SUBMISSION09/11/2020</div> <div>30% SCHEMATIC DESIGN SUBMISSION05/24/2020</div> <div>Revisions:Date:</div>		<div>CONSULTANT</div>		<div>ARCHITECT/ENGINEER OF RECORD</div> <div><div>700 Nicholas Blvd, Suite 300 Elk Grove Village, IL 60007 T: 847.952.9362 F: 847.952.9403 www.bancroft-ae.com</div></div>		<div>STAMP</div>		<div>Office of Construction and Facilities Management</div> <div>VAU.S. Department of Veterans Affairs</div>		<div>Drawing Title</div> <div>DRAWING INDEX</div> <div>Approved: Project Director</div>		<div>Phase</div> <div>BID DOCUMENTS SUBMITTAL</div> <div>FULLY SPRINKLERED</div>		<div>Project Title</div> <div>RENOVATE/UPGRADE NFS KITCHEN - BUILDING 500 BASEMENT</div> <div>Location510 BUTLER AVENUE, MARTINSBURG, WV 25405</div> <div>Issue Date11/24/21</div> <div>CheckedII</div> <div>DrawnDM/KA</div> <div>Project Number613-19-103</div> <div>Building Number500</div> <div>Drawing NumberG003</div>	
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A	GENERAL NOTES FOR CONTRACTORS		BASIS OF DESIGN (BOD) COMPLIANCE PROTOCOLS		BOD EQUIVALENT SUBSTITUTIONS PROCESS SEQUENCE:		8. TRACKING LIST OF PROPOSED EQUIVALENT SUBSTITUTIONS AND IMPACTS	
	1. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL PUBLISHED APPLICABLE LOCAL / STATE / FEDERAL / NATIONAL CODES, ORDINANCES AND REGULATIONS ALONG WITH ALL RELATED VIA DIRECTIVES, DESIGN GUIDES AND MANUALS, SPECIFICATIONS AND STANDARDS PLUS ALL VA REQUIREMENTS (FEDERAL AND LOCAL) THAT ARE PROJECT SPECIFIC TO THE DOCUMENTED SCOPE OF WORK ON THIS SITE.		INTENT: 1. TO ORGANIZE AND IDENTIFY THE "EQUIVALENCY SUBSTITUTION PROCESS" IN ORDER TO FORMALIZE THE PROCESS, CLARIFY RESPONSIBILITIES, PROACTIVELY MANAGE THE PROCESS AND MINIMIZE COSTLY DELAYS IN THE EXECUTION OF THE WORK.  2. THERE ARE NO INTENDED RESTRICTIONS LIMITING COMPETITION ON THE EQUIVALENT SUBSTITUTION OF MATERIALS, EQUIPMENT, HARDWARE, FINISHES, CONTROLS, SYSTEMS AND THEIR INCLUSIVE PARTS, DETAILED ASSEMBLIES, RELATED DESIGN ELEMENTS AND PERFORMANCE CHARACTERISTICS, UNLESS AS IDENTIFIED IN THE BID SOLICITATION.		1. BIDDING PHASE A. ALL BOD PROPOSED EQUIVALENT SUBSTITUTIONS, DEVIATIONS AND ASSOCIATED IMPACTS SHALL BE FULLY IDENTIFIED AND COORDINATED WITH THE GENERAL/PRIME CONTRACTOR(S) DURING THE BIDDING PROCESS SUCH THAT THE COST OF ALL ASSOCIATED BOD SUBSTITUTION MODIFICATIONS, REQUIRED DEVIATIONS AND SCOPE OF WORK IMPACTS DIRECTLY AFFECTING OTHER TRADES SHALL BE INCLUDED IN THE BASE BIDS OF ALL AFFECTED CONTRACTORS.		A. THE SUCCESSFUL GENERAL/PRIME CONTRACTOR SHALL SUBMIT TO THE VA/COR FOR PRELIMINARY REVIEW A MASTER SUMMARY LISTING OF ALL EQUIVALENT SUBSTITUTION REQUESTS WITH ANY/ALL IMPACTS IDENTIFIED A MINIMUM OF TWO WEEKS PRIOR TO THE FIRST SUBMISSION OF THEIR PROJECTED PROJECT SCHEDULE.	
B	2. EACH CONTRACTOR SHALL HAVE PUBLIC LIABILITY, PROPERTY DAMAGE AND WORKMAN'S COMPENSATION AS REQUIRED BY THE VA IN THE BIDDING DOCUMENTATION. CONTACT THE VA/COR DURING THE BIDDING PHASE WITH ANY QUESTIONS, VERIFICATIONS, AND DOCUMENTATION NECESSARY CONCERNING ALL REQUIREMENTS FOR PROJECT INSURANCE COVERAGE.		SUMMARY DESCRIPTION: 1. THE BASIS OF DESIGN (BOD) COMPLIANCE PROTOCOLS ARE TO BE FOLLOWED FOR ALL CONTRACTOR PROPOSED EQUIVALENT SUBSTITUTIONS OR DEVIATIONS FROM THE BASE BID/CONSTRUCTION DOCUMENTS.  2. AN EQUIVALENT SUBSTITUTION REPRESENTS ANY DEVIATION FROM THE CONTRACT DOCUMENTS ORIGINAL DESIGN INTENT, SCOPE OF WORK REQUIREMENTS, THE DETAILING OR SPECIFICATIONS.		2. CONTRACTORS IDENTIFY PROPOSED EQUIVALENT SUBSTITUTION(S) A. ALL CONTRACTORS, BEFORE SUBMITTING THEIR REQUEST FOR EQUIVALENT SUBSTITUTION CONSIDERATION SHALL BE RESPONSIBLE TO HAVE FULLY VERIFIED AND CERTIFIED IN WRITING THAT THE DESIGN CHARACTERISTICS OF THE ITEMS THEY WILL BE SUBMITTING FOR BOD COMPLIANCE REVIEW MEETS OR EXCEEDS THE DESIGN INTENT AND PERFORMANCE REQUIREMENTS AS DESIGNED, DETAILED AND SPECIFIED.		B. A SEPARATE FULLY DETAILED SUBMISSION DOCUMENTATION PACKAGE SHALL BE PREPARED FOR EACH SUBSTITUTION REQUEST AND WILL CONSIST OF STEPS NUMBER 2, 3, 4 & 5 ALONG WITH ANY ADDITIONAL PERTINENT INFORMATION DEEMED NECESSARY SUCH AS SKETCHES, DETAILED DRAWINGS, ENGINEERING DESIGN AND CALCULATIONS, MORE DETAILED DESCRIPTIONS, ETC. THIS SUBMISSION DOCUMENTATION PACKAGE SHALL BE SUBMITTED WITH THE FIRST SUBMISSION OF THEIR PROJECTED PROJECT SCHEDULE TO THE VA/COR.	
	3. BEFORE SUBMITTING A BID, ALL CONTRACTORS WILL CAREFULLY EXAMINE THE DRAWINGS AND SPECIFICATIONS SO AS TO BE THOROUGHLY FAMILIAR WITH ALL THE CONTRACT REQUIREMENTS. EACH BIDDER SHOULD THEN VISIT THE SITE OF THE WORK TO BECOME ACQUAINTED WITH ALL VISIBLE FIELD CONDITIONS AFFECTING THE CONTRACT, SUCH AS OBSTACLES WHICH MAY BE ENCOUNTERED AND ALL OTHER CONDITIONS RELATIVE TO WHAT COULD AFFECT/IMPACT THE WORK OR BE AFFECTED BY THE PERFORMANCE OF THE WORK.		3. NO SUCH EQUIVALENT SUBSTITUTION OR DEVIATION WILL BE ALLOWED WITHOUT FIRST GOING THROUGH THE BOD COMPLIANCE PROTOCOLS PROCESS AND OBTAINING VA APPROVAL.		3. CONTRACTORS PREPARE DETAILED COMPARISONS A. THE REQUESTING CONTRACTOR SHALL PREPARE AND PROVIDE TO THE GENERAL/PRIME CONTRACTOR A FULL ITEM, SIDE-BY-SIDE COMPARISON LISTING SPREAD SHEET OF ALL BOD DESIGN AND MANUFACTURED CHARACTERISTICS VERSUS THE SAME FOR THE EQUIVALENT SUBSTITUTION BEING PROPOSED.		9. VA REVIEW AND ACTION NOTIFICATION A. THE VA/COR SHALL REVIEW EACH SUBSTITUTION REQUEST PACKAGE AND TAKE SUCH ACTION AS DEEMED NECESSARY ON EACH. SUCH ACTION COULD CONSIST OF REJECTION, APPROVAL OR DIRECTION ON PROVIDING MORE DETAILED INFORMATION AND/OR CLARIFICATION(S) ON EACH SUBMISSION AND/OR EACH IMPACT.	
C	4. IF AWARDED THE CONTRACT, THE CONTRACTORS SHALL NOT BE ALLOWED ANY EXTRA COMPENSATION BY REASON OF ANY UNFORESEEN DIFFICULTIES OR OBSTACLES WHICH THE BIDDER COULD HAVE REASONABLY ANTICIPATED PRIOR TO BIDDING. SHOULD ANY DISCREPANCIES, ERRORS, CONFLICT OR ITEMS NEEDING CLARIFICATION BE DISCOVERED IN THE PLANS AND/OR SPECIFICATIONS, THE CONTRACTOR SHALL NOTIFY THE VA/COR PRIOR TO SUBMITTING A BID AND THE VA/COR BEFORE STARTING ANY OF THE WORK.		4. ONCE VA APPROVAL OF THE EQUIVALENT SUBSTITUTION OR DEVIATION REQUEST HAS BEEN OBTAINED, THE FORMAL SHOP DRAWING PREPARATION AND SUBMITTAL PROCESS MAY BEGIN FOR THAT WORK.		4. CONTRACTORS IDENTIFY RELATED IMPACTS A. THE REQUESTING CONTRACTOR SHALL BE RESPONSIBLE TO FULLY IDENTIFY AND DOCUMENT ALL PROPOSED EQUIVALENT SUBSTITUTION CAUSED IMPACTS, DEPARTURES, ALTERATIONS OR ADJUSTMENTS REQUIRED FROM THE ORIGINAL BOD REQUIREMENTS WITH THE GENERAL/PRIME CONTRACTOR AS WELL AS ALL AFFECTED CONTRACTORS. B. SEE THE DETAILED PROTOCOL REQUIREMENTS FOR THE EXTENT OF RESPONSIBILITIES AND DOCUMENTATION REQUIRED FOR THIS CRITICAL ITEM.		10. VA APPROVAL ALLOWS SHOP DRAWING PROCESS TO BEGIN A. PRIOR TO THE CONTRACTOR(S) BEING ALLOWED TO PROCEED WITH SHOP DRAWING PREPARATION AND THE OFFICIAL SHOP DRAWING SUBMISSION(S) PROCESS, THEY WILL FIRST NEED TO OBTAIN THE VA/COR APPROVAL(S) ON EACH EQUIVALENT SUBSTITUTION REQUEST THAT WILL AFFECT THE SHOP DRAWING PROCESS FOR THAT SPECIFIC ITEM AND AREA OF WORK.	
	5. CONTRACTORS SHALL REFERENCE ALL DRAWINGS IN ALL SECTIONS OF WORK FOR FULLY DEFINING THEIR SCOPE OF WORK RESPONSIBILITIES AND COORDINATE SAME WITH THE GENERAL/PRIME CONTRACTOR. SUBCONTRACTORS AND SUPPLIERS FOR EACH TRADE ARE ADVISED THAT INFORMATION PERTINENT TO THEIR SCOPE OF WORK ALSO OCCURS IN OTHER SECTIONS OF THE DRAWINGS AND THE COMPLETE SET OF CONTRACT DOCUMENTS.		5. THE FOLLOWING BOD COMPLIANCE PROTOCOLS DEFINE IN DETAIL THE RESPONSIBILITIES AND THE EVALUATION PROCESS ALONG WITH THE REQUIREMENTS AND PROCEDURES TO BE FOLLOWED WHEN REQUESTING VA CONSIDERATION OF ANY PROPOSED EQUIVALENT SUBSTITUTION OR DEVIATION.		5. CONTRACTOR'S DOCUMENTATION TO GENERAL/PRIME CONTRACTOR A. CONTRACTORS SHALL COORDINATE WITH THE GENERAL/PRIME CONTRACTOR AS TO THE SPECIFIC DATE THAT EACH IS REQUIRED FOR THE COMPLETION OF THEIR EQUIVALENT SUBSTITUTION SUBMISSION REQUEST DOCUMENTATION AND DELIVERY OF THE COMPLETED PACKAGE(S) TO THEM.		B. THE GENERAL/PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL WORK ASSOCIATED WITH AND IMPACTED BY ANY EQUIVALENT SUBSTITUTION ALONG WITH THE COMPLETE COORDINATION AND MANAGEMENT OF THE WORK WITHOUT ADDITIONAL COST TO THE GOVERNMENT.	
D	6. ALL ENGINEERING SYSTEMS WORK INCLUDED IN THE CONTRACT DRAWINGS SHALL BE TAKEN IN A SENSE AS A DIAGRAMMATIC REPRESENTATION OF ITS INTENDED PLACEMENT AND DISTRIBUTION WITHIN THE GENERAL PROXIMITY WHERE SHOWN. THE SIZE AND THE MEANS OF RUNNING DISTRIBUTION SYSTEMS ARE SHOWN BUT IT IS NOT INTENDED TO SHOW EVERY CONNECTION, FITTING, OFFSET, SUPPORT ELEMENT, OR EVERY STRUCTURAL DIFFICULTY THAT CAN BE ENCOUNTERED DURING THE INSTALLATION OF THE WORK.		BOD COMPLIANCE PROTOCOLS: 1. THE BOD COMPLIANCE PROTOCOLS APPLY TO ALL MATERIALS, EQUIPMENT, HARDWARE, FINISHES, CONTROLS, ENGINEERING SYSTEMS AND THEIR INCLUSIVE PARTS; DETAILED ASSEMBLIES PLUS ALL RELATED DESIGN ELEMENTS AND SPECIFIED PARAMETERS THAT ARE CONTAINED WITHIN THE BID/ISSUED FOR CONSTRUCTION DRAWINGS AND SPECIFICATIONS DOCUMENTATION, OR AS SPECIFICALLY REFERENCED BY SAME.		B. CONTRACTORS SHALL FULLY COORDINATE THEIR PREPARATION OF ALL REQUIRED DOCUMENTATION AND EQUIVALENCY SUBSTITUTION REQUIREMENTS WITH THE GENERAL/PRIME CONTRACTOR IN ORDER TO ADDRESS ANY AND ALL IMPACTS ON THE PROJECT SCHEDULE AS WELL AS PERFORMING THEIR REQUIRED FORMALIZED REQUEST FOR EQUIVALENCY SUBSTITUTION SUBMISSION.			
	7. PROJECT LIMIT LINES ARE SHOWN ON THE DRAWINGS FOR ORIENTATION PURPOSES ONLY AND SHOULD NOT BE CONSTRUED TO INDICATE THE FULL EXTENT OR LIMITS OF THE AREA(S) OF WORK.		2. SPECIFIC DESIGN CHARACTERISTICS REQUIRING BOD COMPLIANCE ANALYSIS WILL VARY WITH EACH SPECIFIC ITEM BEING PROPOSED AS AN EQUIVALENT SUBSTITUTION AND WILL NEED TO BE FULLY COMPARED TO ESTABLISH BOD COMPLIANCE.		C. ALL EQUIVALENT SUBSTITUTION REQUESTS ALONG WITH THEIR REQUIRED SUBMISSION REQUEST DOCUMENTATION SHALL BE DELIVERED TO THE GENERAL/PRIME CONTRACTOR AS REQUIRED BY SAME IN TIME FOR THE GC'S FIRST SUBMISSION OF THE PROPOSED PROJECT CONSTRUCTION SCHEDULE BEING SUBMITTED TO THE GOVERNMENT FOR REVIEW.			
E	8. EACH CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORK SHALL FULLY COORDINATE AND VERIFY WITH ALL OTHER CONTRACTORS, OTHER TRADES AND THE VA/COR CONCERNING ALL SPACE REQUIREMENTS FOR THIS PROJECT. THE GENERAL/PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR COMMUNICATING, DOCUMENTING AND COORDINATING ALL SPACE REQUIREMENTS WITH THE VA/COR TO AVOID CONFLICTS AND MISCOMMUNICATION.		3. CRITICAL DESIGN CHARACTERISTICS AND ELEMENTS ARE SPECIFIC TO EACH ITEM NEEDING CONSIDERATION AND COULD CONSIST OF, BUT NOT LIMITED TO, CRITERIA SUCH AS DIMENSIONAL LOGISTICS, PERFORMANCE CHARACTERISTICS, CAPACITY, DUTY REQUIREMENTS, OPERATIONAL EFFICIENCIES, ACOUSTICAL REQUIREMENTS, UTILITIES IMPACTS, CONNECTION VARIANCES, DETAILING DEVIATIONS, FRAMING MODIFICATIONS, ROUGH IN REQUIREMENTS, WEIGHT INCREASES AND/OR DISTRIBUTIONS, STRUCTURAL IMPACTS, ATTACHMENTS, SUPPORTS, FINISHES, AVAILABILITY, COMPATIBILITY, CONSTRUCTABILITY, WARRANTIES, SERVICE LIFE, MAINTENANCE REQUIREMENTS, ENVIRONMENTAL CONSIDERATIONS, LEED RELATED DESIGN CONSIDERATIONS, ETC.		D. ALL SUCH IMPACTS, DEPARTURES, ALTERATIONS OR ADJUSTMENTS REQUIRED TO ELEMENTS OF WORK WILL BE FULLY IDENTIFIED, DOCUMENTED AND SUBMITTED TO THE VA/COR FOR REVIEW, EVALUATION AND DIRECTION(S) ON HOW TO PROCEED.			
	9. ALL EXISTING BUILDING UTILITIES AND INFRASTRUCTURE SERVICES SYSTEMS THAT FEED OTHER SPACES OUTSIDE THE DEMISED PROJECT AREA AND THAT ARE LOCATED WITHIN THE AREA OF WORK, THEREBY INTERFERING WITH THE NEW CONSTRUCTION, SHALL BE REROUTED AND RELOCATED AS REQUIRED TO MAINTAIN FULL SERVICE TO THE AFFECTED AREAS.		4. A VERY CRITICALLY IMPORTANT DESIGN CHARACTERISTIC OF ALL BOD ITEMS NEEDING TO BE FULLY EVALUATED AND PROPERLY COORDINATED WOULD BE THE DESIGN AND LAYOUT DIMENSIONAL LOGISTICS REQUIREMENTS. THOSE CRITICAL PARAMETERS COULD CONSIST OF, BUT NOT LIMITED TO, ALL DIMENSIONAL ELEMENTS THAT AFFECT SIZE, HEIGHT, WIDTH, DEPTH, THICKNESS, PLACEMENT, SPACING, CLEARANCES, ACCESS, MOUNTING, CONNECTION/LOCATION REQUIREMENTS, INSTALLATION TOLERANCES, OPERABLE ELEMENT CLEARANCES, ETC., ALL OF WHICH COULD IMPACT OTHER AREAS OR COMPONENTS OF WORK.		E. THE GENERAL/PRIME CONTRACTOR WILL ALSO BE RESPONSIBLE TO FULLY IDENTIFY AND COORDINATE ALL EQUIVALENCY SUBSTITUTION IMPACTS WITH ALL AFFECTED CONTRACTORS AND TRADES TO BE SURE THAT ALL SUCH WORK IS INCLUDED IN THEIR SCOPE OF WORK.			
F	10. ALL FINISHED AREAS ADJACENT TO OR INCLUDED WITHIN THE AREA(S) OF CONSTRUCTION ALONG WITH ALL PUBLIC PROJECT ACCESS ROUTES SHALL BE PROTECTED FROM DUST AND DIRT THROUGH THE USE OF VA/COR APPROVED DUSTPROOF PROTECTION. SEE THE OCCUPIED AREA PROTECTION PROTOCOLS PROVIDED IN THE "GENERAL" DRAWINGS SECTION AND COORDINATE ALL SITE SPECIFIC CONDITIONS IMPACTS ENCOUNTERED WITH THE VA/COR.		5. CONTRACTORS WILL BE RESPONSIBLE TO FULLY IDENTIFY ALL PROPOSED EQUIVALENT SUBSTITUTIONS, DEVIATIONS, IMPACTS AND MODIFICATIONS FROM THE "BASIS OF DESIGN" INTENT WITH THE GENERAL/PRIME CONTRACTOR DURING THE BIDDING PROCESS AND OBTAIN THEIR APPROVAL BEFORE COMPLETING THEIR PRICING AND SUBMITTING A BID.		7. TRACKING LIST OF PROPOSED EQUIVALENT SUBSTITUTIONS AND IMPACTS A. THE SUCCESSFUL GENERAL/PRIME CONTRACTOR SHALL PREPARE A COMPLETE MASTER LISTING, BY SPECIFICATION AND/OR DRAWING SECTIONS, OF ALL PROPOSED EQUIVALENT SUBSTITUTION REQUESTS.			
	11. DO NOT SCALE THE DRAWINGS. USE THE GIVEN DIMENSIONS.		6. IF A PROPOSED EQUIVALENT SUBSTITUTION ITEM WILL REQUIRE THAT MODIFICATIONS NEED TO BE MADE, TO THE WORK OF THE PROVIDING CONTRACTOR, THE WORK OF OTHER CONTRACTORS OR THE WORK OF THE VA, THE SUBMITTING CONTRACTOR SHALL BE FULLY RESPONSIBLE TO INFORM AND ADVISE THE GENERAL/PRIME CONTRACTOR OF ANY AND ALL SUCH NECESSARY IMPACTS AND POSSIBLE MODIFICATIONS REQUIRED AS A PART OF THEIR BIDDING AND BASE CONTRACTUAL SCOPE OF WORK RESPONSIBILITIES.		B. THIS MASTER LISTING WILL CONSIST OF A SUMMARY DESCRIPTION OF EACH REQUEST ALONG WITH A BULLET POINT LISTING OF THE MAJOR IMPACTS, DEPARTURES, ALTERATIONS AND ADJUSTMENTS REQUIRED RESULTING FROM IT.			
	12. THE GENERAL/PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL SHOP DRAWING REQUIREMENTS WITH ALL OF THE AFFECTED TRADES, THE VA/COR AND WITH THE AE.		7. THE CONTRACTOR PROPOSING THE EQUIVALENT SUBSTITUTION SHALL BE RESPONSIBLE FOR ALL RELATED WORK AND SHALL IDENTIFY, VERIFY, COORDINATE AND PROVIDE ENGINEERED SOLUTIONS FOR ALL IMPACT ISSUES AFFECTING INFRASTRUCTURE SYSTEMS, UTILITIES SERVICES, BUILDING STRUCTURE, SURROUNDING ELEMENTS, AND SYSTEMS AFFECTED FROM WEIGHT DIFFERENTIALS, REVISED LOADING CHARACTERISTICS, CONNECTION/MOUNTING VARIANCES, INSTALLATION CONFLICTS AND DETAILING MODIFICATIONS, ETC. CAUSED BY THE EQUIVALENT SUBSTITUTION REQUIREMENTS.		C. THIS DOCUMENT WILL BE PREPARED AS A SPREAD SHEET AND UTILIZED AS A TRACKING TOOL FOR DOCUMENTING ALL SIGNIFICANT ASSOCIATED DATES, ACTION ITEMS, CURRENT STATUS, REJECTIONS, RESUBMISSIONS, APPROVALS AND ADDITIONAL PERTINENT ISSUES AND ITEMS TO BE RECORDED AND TRACKED AS REQUIRED BY THE VA/COR.			
	13. OBTAIN ALL REQUIRED VA/COR AUTHORIZATIONS BEFORE BEGINNING ANY DEMOLITION WORK OR NEW CONSTRUCTION, INCLUDING TEMPORARY BARRICADES AND PROTECTION WORK.		8. SPECIAL ATTENTION NEEDS TO BE PAID TO ANY SYSTEMS EQUIPMENT AND MATERIAL PERFORMANCE CHARACTERISTICS INCLUDING ALL ASPECTS OF THEIR DIMENSIONAL LOGISTICS FEATURES AND REQUIREMENTS ALONG WITH ANY STRUCTURAL AND UTILITIES IMPACTS.					
	14. EACH CONTRACTOR SHALL MAINTAIN A COMPETENT OSHA-30 FOREMAN OR EQUALLY QUALIFIED DIRECT REPRESENTATIVE ON THE JOB SITE AT ALL TIMES.		9. EACH EQUIVALENT SUBSTITUTION REQUEST ALONG WITH ANY/ALL IMPACTS, DEVIATIONS/VARIANCES AND MODIFICATIONS WILL REQUIRE VA/COR APPROVAL(S) BEFORE ANY SUCH REQUEST IS DEEMED APPROPRIATE BY THE VA AND ALLOWED TO PROCEED INTO THE NORMAL SHOP DRAWING PREPARATION, SUBMITTAL AND REVIEW PROCESS.					
	15. EACH CONTRACTOR SHALL COOPERATE AND COORDINATE WITH THE GENERAL/PRIME CONTRACTOR'S SUPERINTENDENT AND WITH THE FOREMAN AND ALL OTHER TRADES IN ORDER THAT THERE BE NO DELAYS IN THE EXECUTION AND COMPLETION OF THE WORK.		10. NO REQUEST FOR AN EQUIVALENT SUBSTITUTION REVIEW CAN BE MADE VIA A SHOP DRAWING SUBMISSION. ANY SUCH SUBMISSION WILL NOT BE REVIEWED AND WILL BE REJECTED AS NON-CONFORMING WITH THE DESIGN INTENT AND NOTED THAT THE CONTRACTOR IS TO FOLLOW THE STANDARD BOD COMPLIANCE PROTOCOLS.					
	16. DURING CONSTRUCTION EACH CONTRACTOR SHALL KEEP ON SITE ACCURATE FIELD RECORDS OF ALL CONCEALED AND VISUALLY ACCESSIBLE WORK THAT DIFFERS FROM THE CONTRACT DRAWINGS/DOCUMENTS. THESE AS-BUILT MARKED-UP RECORD DRAWINGS/DOCUMENTS WILL BE KEPT UP TO DATE BY THE GENERAL/PRIME CONTRACTOR AND PROVIDED TO THE VA/COR FOR DISTRIBUTION AT THE COMPLETION OF THE PROJECT.		11. ANY DEVIATIONS FROM THE BOD REQUIREMENTS THAT SURFACE DURING THE CONSTRUCTION PHASE SHALL IMMEDIATELY BE MADE KNOWN TO THE GENERAL/PRIME CONTRACTOR WHO WILL IN TURN NOTIFY THE VA/COR. ALL SUCH DEVIATIONS, VARIANCES AND IMPACTS WILL BE FULLY IDENTIFIED, DOCUMENTED AND SUBMITTED TO THE VA/COR FOR REVIEW, EVALUATION AND DIRECTION(S) ON HOW TO PROCEED.					
	17. IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO ADEQUATELY PROTECT EXISTING CONSTRUCTION AND FINISHES TO REMAIN IN PLACE DURING BOTH THE DEMOLITION AND CONSTRUCTION SEQUENCES OF WORK. ANY DAMAGE TO SUCH AREAS SHALL BE RESTORED AND REFINISHED TO A "LIKE-NEW" CONDITION PRIOR TO THE VA/COR'S ACCEPTANCE OF THAT WORK.		12. ANY NON-COMPLIANT EQUIVALENT SUBSTITUTIONS WORK FOUND TO BE IN PLACE DURING THE CONSTRUCTION PHASE THAT HAD NOT GONE THROUGH THE BOD COMPLIANCE PROTOCOLS APPROVAL PROCESS AND THAT DOESN'T HAVE THE VA/COR'S APPROVAL WILL BE SUBJECT TO POSSIBLE REJECTION AND REMOVAL.					
	18. THE GENERAL/PRIME CONTRACTOR IS RESPONSIBLE FOR THE PATCH, REPAIR, REFINISHING AND/OR REPLACEMENT OF ALL CONSTRUCTION, MATERIALS, ASSEMBLIES, EQUIPMENT, SIGNAGE AND FINISHES DAMAGED BY THE PROJECT DEMOLITION, TEMPORARY CONSTRUCTION, NEW CONSTRUCTION OR THE MOVEMENT OF PERSONNEL, TOOLS, EQUIPMENT, MATERIALS, ETC. BOTH INSIDE AND OUTSIDE OF THE DESIGNATED AREAS OF WORK.		13. THE FINAL INSTALLATION OF ANY EQUIVALENT SUBSTITUTION AND ITS IMPACTS SHALL NOT COMPROMISE ANY OF THE BOD PERFORMANCE CHARACTERISTICS NOR SHALL IT ENCUMBER ANY OF THE ASSOCIATED DESIGN LAYOUT AND DIMENSIONAL LOGISTICS REQUIREMENTS.					
	19. PROVIDE THE CUTTING AND PATCHING FOR ALL DEMOLITION WORK AND ALL NEW CONSTRUCTION WORK BEING PERFORMED OUTSIDE OF THE PROJECT LIMIT LINES AS REQUIRED TO PROPERLY COMPLETE THE PROJECT SCOPE OF WORK.		14. THE FINAL INSTALLATION OF ANY EQUIVALENT SUBSTITUTION AND ITS IMPACTS SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES, REGULATIONS AND VA REQUIREMENTS, PLUS ALLOW ANY SYSTEMS, EQUIPMENT AND/OR MATERIALS TO FUNCTION PROPERLY AND SAFELY.					
	20. ALL CUTTING, CORING AND DRILLING OF EXISTING CONCRETE AND MASONRY CONSTRUCTION SHALL NOT DAMAGE EXISTING REINFORCING STEEL, PIPING, CONDUITS OR OTHER CONCEALED CONSTRUCTION WITHIN. PRIOR TO CORING, DRILLING, CUTTING OR PERFORMING ANY BREAKING EFFORTS, PROVIDE PENETRATING FIELD X-RAYING OF THE INTENDED AREAS AND DOCUMENT THE EXACT SIZE AND LOCATIONS OF ALL SUCH INTERFERENCES. COORDINATE WITH AND OBTAIN VA/COR APPROVAL BEFORE PROCEED WITH ANY SUCH REQUIRED PENETRATIONS WORK.							
	21. RELOCATIONS OF ANY INFRASTRUCTURE DISTRIBUTION SYSTEMS OR EQUIPMENT, WHICH MAY ALTER THE ARCHITECTURAL OR STRUCTURAL CONSTRUCTION, MUST BE APPROVED FIRST BY THE VA/COR PRIOR TO STARTING ITS RELOCATION.							
	22. THE GENERAL/PRIME CONTRACTOR IS RESPONSIBLE TO PROVIDE THE REMOVAL OF ALL CONSTRUCTION DEMOLITION DEBRIS, SPOIL AND MATERIALS FROM THE PROJECT SITE ON A DAILY BASIS UNLESS SPECIFICALLY REFERENCED OTHERWISE IN THE PROJECT SPECIFIC LOGISTICAL SEQUENCING REQUIREMENTS.							

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BID DOCUMENTS SUBMITTAL		CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP		Office of Construction and Facilities Management		Drawing Title GENERAL-CONTRACTOR & BASIS OF DESIGN PROTOCOL NOTES		Phase BID DOCUMENTS SUBMITTAL		Project Title RENOVATE/UPGRADE NFS KITCHEN - BUILDING 500 BASEMENT		Project Number 613-19-103	
100% CONSTRUCTION DOCUMENTS SUBMISSION										Approved: Project Director						Building Number 500	
95% CONSTRUCTION DOCUMENTS SUBMISSION																	
60% DESIGN DEVELOPMENT SUBMISSION																	
30% SCHEMATIC DESIGN SUBMISSION																	
Revisions:																	










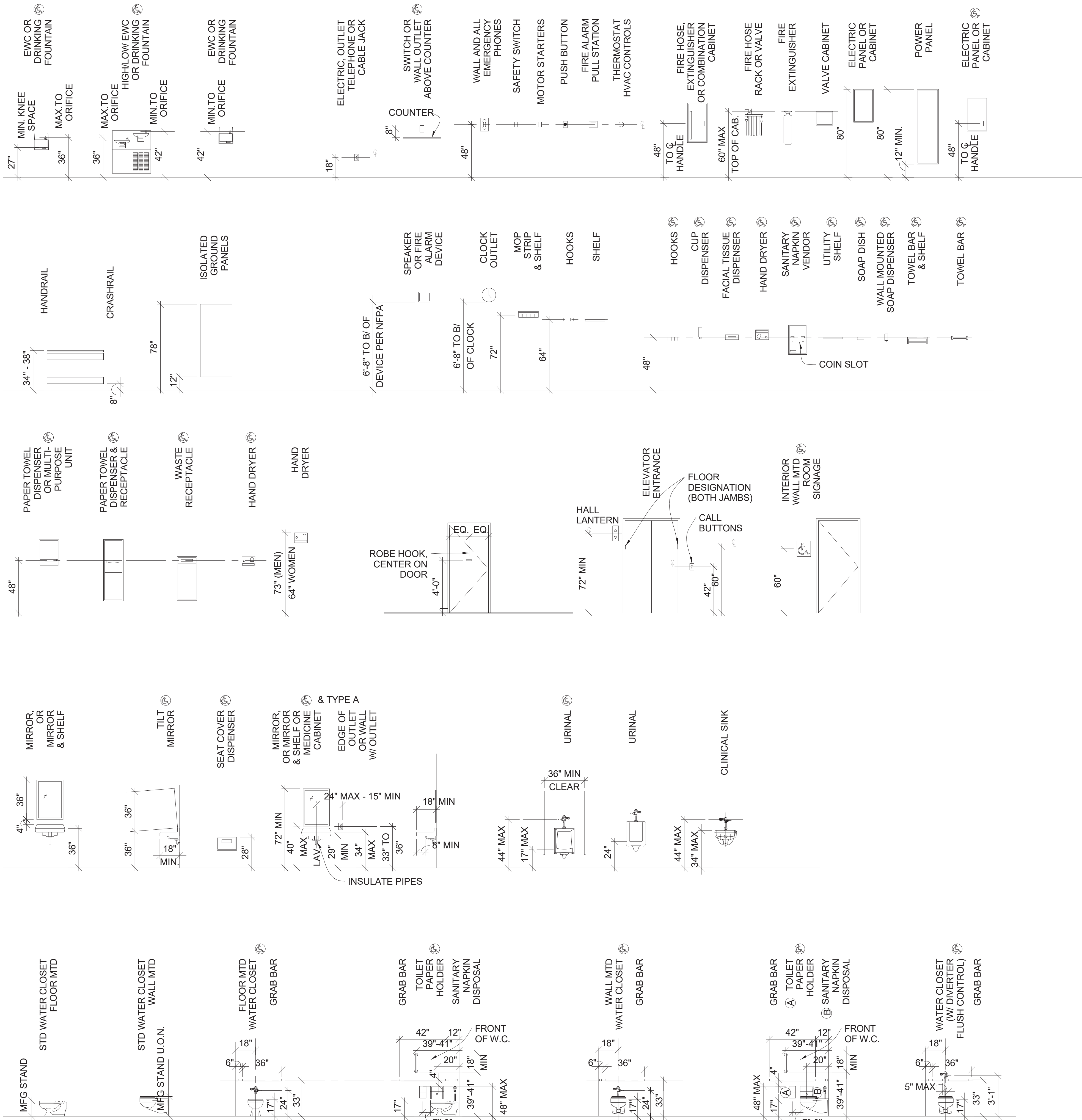


## MOUNTING DIMENSIONS

(NOTE: THIS IS A "UNIVERSAL SHEET", ITEMS SHOWN MAY NOT ALL BE APPLICABLE TO THIS PROJECT)

### NOTES:

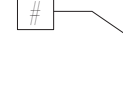


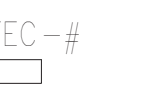
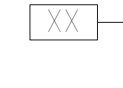









- MOUNTING DIMENSIONS SHOW ACCESSIBLE AND NON-ACCESSIBLE CONDITIONS. WHEN ONLY ONE OPTION IS SHOWN - ALL ITEMS IN PROJECT SHALL BE ACCESSIBLE. WHEN ITEMS CAN BE ACCESSIBLE OR NON ACCESSIBLE DRAWINGS SHALL INDICATE LOCATION OF ACCESSIBLE ITEMS BY THIS SYMBOL: 
- COORDINATE ITEMS SHOWN ON THIS DRAWING WITH PLANS AND SPECIFICATIONS FOR ACTUAL ITEMS USED ON THIS PROJECT. EVERY ITEM SHOWN ON THIS DRAWING MAY NOT BE USED ON THIS PROJECT.



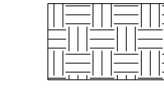
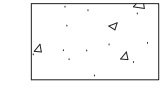
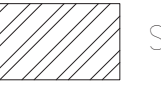




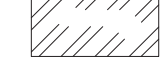

## ARCHITECTURAL ABBREVIATIONS

BOD	BASIS OF DESIGN	DTL	DETAIL	R	RADIUS
CO	CONTRACTING OFFICER	DWG	DRAWING	RB	RESILIENT BASE
COR	CONTRACTING OFFICER'S REPRESENTATIVE	E	EAST	RCP	REFLECTED CEILING PLAN
SOW	SCOPE OF WORK	EJ	EXPANSION JOINT	REC	RECESSED
		EL	ELEVATION	RECP	RECEPTACLE
A	ACOUSTICAL CEILING TILE	ELEC	ELECTRICAL	REINF	REINFORCED
ADJ	ADJACENT	ELEV	ELEVATOR	REQD	REQUIRED
AFF	ABOVE FINISH FLOOR	ENCL	ENCLOSURE	RM	ROOM
AHU	AIR HANDLING UNIT	EQ	EQUAL	RO	ROUGH OPENING
ALT	ALTERNATE	EQUIP	EQUIPMENT		
ALUM	ALUMINUM	EWC	ELECTRIC WATER COOLER	S	SOUTH
APPROX	APPROXIMATE	EXH	EXHAUST	S	SANITARY
AR	AS REQUIRED	EXIST	EXISTING	SAN	SCHEDULE
AUTO	AUTOMATIC	EXP	EXPOSED	SF	SCHEDULE SQUARE FOOT (FEET)
AUX	AUXILIARY	EXT	EXTERIOR	SHT	SHEET
AV	AUDIO VISUAL			SIM	SIMILAR
AVG	AVERAGE			SPEC	SPECIFICATION
		F	FIRE ALARM	SPKLR	SPEAKER
		FA	FLOOR DRAIN	SQ	SQUARE
B	BATTEN	FD	FOUNDATION	SS	STAINLESS STEEL
BAT	BOARD	FDN	FOUNDATION	STD	STANDARD
BD	BOARD	FE	FIRE EXTINGUISHER	STL	STEEL
BLDG	BUILDING	FEC	FIRE EXTINGUISHER CABINET	STOR	STORAGE
BLK	BLOCKING	FF&E	FURNITURE, FIXTURE AND EQUIPMENT	SUSP	SUSPEND
BM	BEAM			SV	SHEET VINYL
BO	BY OWNER	FHC	FIRE HOSE CABINET		
CORR	CORRIDOR	FIG	FIGURE	T	TOUNGE AND GROOVE
		FIN	FINISH	T&G	TEMPERED
C	CONTRACTOR SUPPLIED & INSTALLED	FIXT	FIXTURE	TEMP	TERRAZZO
CC	CEMENT	FL	FLOOR	TERR	THICK
CEM	CEMENT	FO	FACE OF	THK	TOP OF
CJ	CONTROL JOINT	FP	FIRE PROTECTION OR FIREPROOF	TSTAT	THERMOSTAT
CL	CENTER LINE	FT	FOOT	TYP	TYPICAL
CLG	CEILING	FTG	FOOTING		
CLR	CLEAR			U	UNLESS NOTED OTHERWISE
CMU	CONCRETE MASONRY UNIT	G	GENERAL CONTRACTOR	V	VARIES
COL	COLUMN	GC	GLASS	VAR	VA SUPPLIED, CONTRACTOR INSTALLED
CONC	CONCRETE	GL	GYP SUM BOARD	VC	VINYL COMPOSITION TILE
CONT	CONTINUOUS	GYP BD		VCT	VENTILATION
COORD	COORDINATE			VIF	VERIFY IN FIELD
CPT	CARPET	H	HAZARDOUS MATERIALS	VOL	VOLUME
CT	CERAMIC TILE	HAZ MAT		VV	VA SUPPLIED & INSTALLED
CTR	CENTER	HDW	HAZARDOUS MATERIALS	VWC	VINYL WALL COVERING
CTRL	CONTROL	HM	HOLLOW METAL		
		HT	HEIGHT	W	WEST
D	DATUM	I	INCLUDED	W	WITH
DAT	DOUBLE	INCL	INSULATION	WO	WITHOUT
DBL	DEGREE	INSUL	INTERIOR	WC	WALL COVERING
DEG	DEGREE	INT		WD	WOOD
DEMO	DEMOLITION	J	JUNCTION BOX	WDD	WINDOW
DEPT	DEPARTMENT	J-BOX		WDM	WELDED WIRE FABRIC
DF	DRINKING FOUNTAIN	JAN	JANITOR		
DIA	DIAMETER	JC	JANITOR'S CLOSET		
DIFF	DIFFUSER	JST	JOIST		
DIM	DIMENSION	JT	JOINT		
DN	DOWN				
DR	DOOR				


## GRAPHIC SYMBOLS

	DEMOLITION, ARCHITECTURAL AND ELEVATION KEYNOTE		INTERIOR ELEVATION (SINGLE)		DETAIL BUBBLE, DETAIL NUMBER, DRAWING NUMBER		FEC - #	FIRE EXTINGUISHER CABINET
	PARTITION TAG		INTERIOR ELEVATION (MULTIPLE)		REVISION CLOUD AND NUMBER			
	DOOR NUMBER		WALL SECTION, DETAIL NUMBER, DRAWING NUMBER		ROOM TAG, ROOM NAME, ROOM NUMBER			
	WINDOW TAG		ELEVATION TAG					
	NORTH ARROW							
	POINT OF CONNECTION							

## MATERIAL INDICATIONS

	EARTH		CONCRETE ELEVATION/SECTION		STEEL
	BRICK		CMU		GROUT
	GRAVEL FILL		LIMESTONE		CONCRETE PLAN

VA CONTRACT NO: 36C24519C0171

		CONSULTANT	<div><div><div><div>700 Nicholas Blvd, Suite 300 Elk Grove Village, IL 60007 T: 847.952.9562 F: 847.952.9403 www.bancroft-ae.com</div></div></div><div>BANCROFT ARCHITECTS + ENGINEERS</div></div>	STAMP	<div><div>Office of Construction and Facilities Management</div><div><div>VA</div><div>U.S. Department of Veterans Affairs</div></div></div>	Drawing Title GENERAL- ABBREVIATIONS & SYMBOLS	Phase BID DOCUMENTS SUBMITTAL	Project Title RENOVATE/UPGRADE NFS KITCHEN - BUILDING 500 BASEMENT		Project Number 613-19-103
BID DOCUMENTS SUBMITTAL						11/24/2021	Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405		Building Number 500	
100% CONSTRUCTION DOCUMENTS SUBMISSION						07/23/2021	Issue Date 11/24/21		Checked II	
95% CONSTRUCTION DOCUMENTS SUBMISSION						02/12/2021	Drawn DMKA			
60% DESIGN DEVELOPMENT SUBMISSION						09/11/2020				
30% SCHEMATIC DESIGN SUBMISSION		05/24/2020			Drawing Number GI004					
Revisions:		Date:								



A

B

C

D

E

F

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EGRESS REQUIREMENTS						
	NFPA 101 (2018)		PROVIDED			
	SECTION	REQUIREMENT	NFS KITCHEN	NFS OFFICE AREA	SWING SPACE	
OCCUPANT LOAD	TABLE 7.3.1.2	150 GSF (BUSINESS) 100 GSF (KITCHEN)	NFPA: 16,111 SF / 100 GSF = 162 OCC IBC: 16,111 SF / 200 GSF = 81 OCC	IBC: 2,417 SF / 150 GSF = 17 OCC	IBC: 5,095 SF / 150 GSF = 34 OCC	
EXIT ACCESS TRAVEL DISTANCE	18.2.6.2.1	200 FT. W/ SPRINKLER SYSTEM				
COMMON PATH OF EGRESS TRAVEL DISTANCE	18.2.5.3	100 FT.				
CORRIDOR SEPARATION	18.3.6.2.2	0 HR	NO CHANGE	NO CHANGE	NO CHANGE	
CORRIDOR WIDTH (MIN. REQUIRED)	18.2.3.4, 7.3.3.1, and 7.3.4.1	96 INCHES (MIN); 36 INCHES FOR < 50 OCC.; 44 INCHES FOR > 50 OCC.; OTHERWISE 0.2 INCH PER OCCUPANT (SPRINKLER)	NO CHANGE	NO CHANGE	NO CHANGE	
DEAD-END CORRIDORS	18.2.5.2	30 FT.	38 FT. (MAX.)	NONE	NONE	
MINIMUM CEILING HEIGHT	7.1.5.1.1	7'-6" NEW (7'-0" EXISTING)				
<u>EMERGENCY EGRESS ILLUMINATION:</u> AVERAGE OF 1.0 FOOT CANDLES AT EGRESS PATHS WITH A MIN. OF 0.1 CANDLE AT ANY POINT.			**A.39.2.5.2. "IT IS RECOGNIZED THAT DEAD ENDS EXCEEDING THE PERMITTED LIMITS EXIST AND, IN SOME CASES ARE IMPRACTICAL TO NFPA 101, ELIMINATE. THE AUTHORITY HAVING JURISDICTION MIGHT PERMIT SUCH DEAD ENDS TO CONTINUE TO EXIST, TAKING INTO 2018 CONSIDERATION ANY OR ALL OF THE FOLLOWING:			
<u>POWER SUPPLY:</u> MEANS OF EGRESS ILLUMINATION NORMAL POWER IS TO BE PROVIDED BY PREMISE'S ELECTRICAL SYSTEM.						
a.	EGRESS ILLUMINATION: EITHER BATTERIES, SECOND PRIMARY SOURCE OR GENERATOR WITH A MIN. OF A 1 1/2 HOUR DURATION.				1.	TENANT ARRANGEMENT
b.	EXIT SIGNS: ILLUMINATED AT ALL TIME, EMERGENCY POWER REQ. WITH 1 1/2 HOUR DURATION.				2.	AUTOMATIC SPRINKLERS
					3.	SMOKE DETECTION
					4.	EXIT REMOTENESS*

EGRESS NOTES	
<u>EMERGENCY EGRESS ILLUMINATION:</u> AVERAGE OF 1.0 FOOT CANDLES AT EGRESS PATHS WITH A MIN. OF 0.1 CANDLE AT ANY POINT.	
<u>POWER SUPPLY:</u> MEANS OF EGRESS ILLUMINATION NORMAL POWER IS TO BE PROVIDED BY PREMISE'S ELECTRICAL SYSTEM.	
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**A.39.2.5.2. "IT IS RECOGNIZED THAT DEAD ENDS EXCEEDING THE PERMITTED LIMITS EXIST AND, IN SOME CASES ARE IMPRACTICAL TO NFPA 101, ELIMINATE. THE AUTHORITY HAVING JURISDICTION MIGHT PERMIT SUCH DEAD ENDS TO CONTINUE TO EXIST, TAKING INTO 2018 CONSIDERATION ANY OR ALL OF THE FOLLOWING:	
1. TENANT ARRANGEMENT	
2. AUTOMATIC SPRINKLERS	
3. SMOKE DETECTION	
4. EXIT REMOTENESS*	

APPLICABLE CODES	
<ul style="list-style-type: none"><li>VA DIRECTIVES, DESIGN MANUALS, MASTER SPECIFICATIONS, VA NATIONAL CAD STANDARD APPLICATION GUIDE, AND OTHER GUIDANCE ON THE TECHNICAL INFORMATION LIBRARY (TIL) (HTTP://WWW.CFM.VA.GOV/TIL)</li><li>INTERNATIONAL BUILDING CODE (IBC)</li><li>NFPA 101 LIFE SAFETY CODE</li><li>NFPA NATIONAL FIRE CODES WITH THE EXCEPTION OF NFPA 5000 AND NFPA 900</li><li>OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS.</li><li>VA SEISMIC DESIGN REQUIREMENTS, H-18-8</li><li>NATIONAL ELECTRICAL CODE (NEC)</li><li>INTERNATIONAL PLUMBING CODE (IPC)</li><li>SAFETY CODE FOR ELEVATORS AND ESCALATORS, AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME) A 17.1</li><li>ASME BOILER AND PRESSURE VESSEL CODE</li><li>ASME CODE FOR PRESSURE PIPING</li><li>ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARDS (ABAA)S INCLUDING VA SUPPLEMENT, BARRIER FREE DESIGN GUIDE (PG-18-13)</li><li>BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, AMERICAN CONCRETE INSTITUTE AND COMMENTARY (ACI 318)</li><li>MANUAL OF STEEL CONSTRUCTION, LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)</li><li>ENERGY POLICY ACT (EPACT)</li><li>DOE INTERM FINAL RULE: ENERGY CONSERVATION STANDARDS FOR NEW FEDERAL, COMMERCIAL AND MULTI-FAMILY HIGH-RISE RESIDENTIAL BUILDINGS AND NEW LOW-RISE RESIDENTIAL BUILDINGS, 10 CFR PARTS 433, 434 AND 435.</li><li>FEDERAL LEADERSHIP IN HIGH PERFORMANCE AND SUSTAINABLE BUILDINGS: MEMORANDUM OF UNDERSTANDING (MOU)</li><li>EXECUTIVE ORDER 13423: STRENGTHENING FEDERAL ENVIRONMENTAL, ENERGY, AND TRANSPORTATION MANAGEMENT.</li><li>THE PROVISIONS FOR CONSTRUCTION AND SAFETY SIGNS. STATED IN THE GENERAL REQUIREMENTS SECTION 01010 OF THE VA MASTER CONSTRUCTION SPECIFICATION.</li><li>VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY - ASHRAE STANDARD 62.1.</li><li>SAFETY STANDARD FOR REFRIGERATION SYSTEMS - ASHRAE STANDARD 15.</li></ul>	

ARCHITECTURAL BARRIERS ACT (ABA) COMPLIANCE	
PER ICC/ANSI A117.1-2009 THE FOLLOWING SHALL FULLY COMPLY:	
A.	ACCESSIBLE MAIN ENTRY
B.	ACCESSIBLE ROUTE FROM ENTRY TO ELEVATOR LOBBY & ACCESSIBLE ELEVATOR TO ALL FLOORS
C.	ACCESSIBLE UNISEX TOILET ROOMS
D.	ACCESSIBLE H2O DRINKING FOUNTAINS
E.	ALL CONTROLS AND OPERABLE PARTS FULLY COMPLY AND ARE BETWEEN 15" AND 48"
F.	ALL SIGNAGE COMPLIES - IS OF BRAILLE AND TACTILE AND IS LOCATED ON THE DOOR HANDLE SIDE OF DOOR, INSTALLED AT APPROPRIATE HEIGHT AND DISTANCE FROM DOOR FRAME.
G.	ALL STORAGE AREA FULLY COMPLY - CLOSET RODS, WALL MOUNTED CABINETRY AND ANY TYPE OF SHELVING IS AT 48" ABOVE FINISH FLOOR TO TOP OF BOTTOM SHELF.

BUILDING 500 CODE REVIEW	
1.	CONSTRUCTION CLASSIFICATIONS: TYPE 1-B
2.	AUTOMATIC FIRE SUPPRESSION: ALL AREAS IN ACCORDANCE WITH NFPA 13
3.	OCCUPANCY CLASSIFICATIONS: (I-2) INSTITUTIONAL, NFPA 101 EXISTING HEALTHCARE OCCUPANCY
4.	AREA OF WORK: THE SCOPE OF THIS PROJECT IS TO RENOVATE AND UPGRADE APPROXIMATELY 16,000 SF OF INTERIOR SPACE FOR THE RENOVATION OF NUTRITION AND FOOD SERVICE KITCHEN ON THE BASEMENT FLOOR AND APPROXIMATELY 5,000 SF OF SWING SPACE LOCATED IN THE WAREHOUSE AREA ON THE BASEMENT FLOOR, INCLUDES PLUMBING, MECHANICAL, FIRE PROTECTION, AND SPRINKLER SYSTEM.
5.	BUILDING: EXISTING STAND-ALONE STEEL FRAME, CONCRETE AND MASONRY STRUCTURE WAS BUILT IN 1980. THE BUILDING IS THE MAIN HOSPITAL ON THE VA MEDICAL CAMPUS.

APPLICABLE CODES	
AUTHORITY HAVING JURISDICTION: VISION 4 SAFETY OFFICER ALL WORK SHALL COMPLY WITH THE FOLLOWING CODES:	
1. VA DIRECTORIES, DESIGN MANUALS, MASTER SPECIFICATIONS, VA NATIONAL CAD STANDARD APPLICATION GUIDE, AND OTHER GUIDANCE ON THE TECHNICAL INFORMATION LIBRARY (TIL) (HTTP://WWW.CFM.VA.GOV/TIL)	
2. INTERNATIONAL BUILDING CODE (IBC) 2018 (ONLY PERTAINING TO ITEMS NOT ADDRESSED BY NFPA 101)	
3. NFPA 101 LIFE SAFETY CODE 2018	
4. NFPA NATIONAL FIRE CODES WITH THE EXCEPTION OF NFPA 5000 AND NFPA 900	
5. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS	
6. VA SEISMIC DESIGN REQUIREMENTS, H-18-8	
7. NATIONAL ELECTRICAL CODE (NEC) 2014	
8. INTERNATIONAL PLUMBING CODE (IPC) 2015	
9. ASME BOILER AND PRESSURE VESSEL CODE 2015	
10. ASME CODE FOR PRESSURE PIPING	
11. ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARDS (ABAA)S INCLUDING VA SUPPLEMENT.	
12. BARRIER FREE DESIGN GUIDE (PG-18-13)	
13. BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, AMERICAN CONCRETE INSTITUTE AND COMMENTARY (ACI 318)	
14. INTERNATIONAL MECHANICAL CODE	

BUILDING DATA			
OCCUPANCY	INSTITUTIONAL: HOSPITAL		
APPLICABLE CODE	SECTION	SECTION	NFPA 101, 2018
CONSTRUCTION TYPE	TABLE (601)	NFPA 220, TABLE 4.1.1	TYPE I (332)
ALLOWABLE AREA/FLOOR (SQ.FT.)	TABLE (506.2)	N/A	N/A
AUTOMATIC SPRINKLER INCREASE ACTUAL AREA (BUILDING FOOTPRINT)	TABLE (506.2)	N/A	N/A
GROSS AREA - BASEMENT	113,732 GSF	N/A	N/A
MAXIMUM ALLOWABLE HEIGHT	TABLE (504.3)	N/A	N/A
ACTUAL HEIGHT			

FIRE RESISTIVE RATINGS			
APPLICABLE CODES	NFPA 220 (2018)		PROVIDED/ACTUAL
	SECTION	REQUIREMENT	
PRIMARY STRUCTURAL FRAME	TABLE 4.1.1	N/A	EXISTING
BEARING WALLS			
EXTERIOR	TABLE 4.1.1	3 HR	EXISTING
INTERIOR	TABLE 4.1.1	2 HR	NO CHANGE
NONBEARING WALLS AND PARTITIONS			
EXTERIOR	TABLE 4.1.1	0 HR	EXISTING
INTERIOR	TABLE 4.1.1	0 HR	NO CHANGE
FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	TABLE 4.1.1	2 HR	EXISTING
ROOF CONSTRUCTION CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	TABLE 4.1.1	1.5 HR	EXISTING

COLUMNS			
SUPPORTING MORE THAN ONE FLOOR	TABLE 4.1.1	3 HR	EXISTING
SUPPORTING ROOF ONLY	TABLE 4.1.1	2 HR	EXISTING
BEAMS, GIRDERS, TRUSSES, AND ARCHES			
SUPPORTING MORE THAN ONE FLOOR	TABLE 4.1.1	3 HR	EXISTING
SUPPORTING ROOF ONLY	TABLE 4.1.1	2 HR	EXISTING
EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE			
< 5 FEET	NFPA 80A (2017), TABLE 4.3.7.3	NO CHANGE	NO CHANGE
5 ≤ X < 10 FEET		NO CHANGE	NO CHANGE
10 ≤ X < 30 FEET		NO CHANGE	NO CHANGE
X ≥ 30 FEET		NO CHANGE	NO CHANGE

AREA SEPARATION PROTECTION			
APPLICABLE CODE (FOR INSTITUTIONAL OCCUPANCIES)	NFPA 101 (2018)		PROVIDED/ACTUAL
	SECTION	REQUIREMENT	
BOILER AND FUEL - FIRED EQUIPMENT (OVER 15 PSI AND 10 HP)			AUTOMATIC SPRINKLER
ELECTRICAL ROOM WITH DRY TYPE TRANSFORMER >112.5 KVA	NFPA 70 450.21(B)	1 HR	N/A
FURNACE ROOM EQUIPMENT OVER 400,000 BTU/HR INPUT	NFPA 70 450.21(B)	1 HR	AUTOMATIC SPRINKLER
STORAGE ROOMS > 100SF			1 HR AND AUTOMATIC SPRINKLER
SHAFT ENCLOSURES	8.6.5	VARIES	1 HR 2 HR
* NOTE - IF BUILDING PROTECTED THROUGHOUT BY APPROVED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 101, 9.7.1.1(1) OR IBC 903.3.1.			

FIXTURE REQUIREMENTS (TABLE 2902.1)							
LEVEL	OCCUPANT LOAD	WATER CLOSET		LAVATORY		DRINKING FOUNTAINS	
		1 PER 25	1 PER 35	1 PER 35	1 PER 100	1 PER 100	-
		REQ.	PROVIDED	REQ.	PROVIDED	REQ.	PROVIDED
BASEMENT FLOOR	INSTITUTIONAL (I-2): 162 PERSONS	7	7	5	5	2	2

FIRE EXTINGUISHER REQUIREMENTS (TABLE 6.2.1.1)			
FIRE EXTINGUISHER REQUIREMENTS NFPA 10:	HAZARD TYPE: CLASS A, ORDINARY HAZARD. MAX FLOOR PER UNIT OF A: 1,500 SF MAX FLOOR PER EXTINGUISHER: 11,250 SF MAX TRAVEL TO EXTINGUISHER: 75'	SIZE AND RATING PROVIDED: 2A, 2.5 GAL MIN. NO. OF EXTINGUISHERS REQUIRED / PROVIDED: BASEMENT: 2 REQ / _ PROVIDED	

CLASS K FIRE EXTINGUISHER REQUIREMENTS	
HAZARD TYPE: CLASS K, COMBUSTIBLE COOKING MEDIA MAX TRAVEL TO EXTINGUISHER FROM THE HAZARD: 30'	

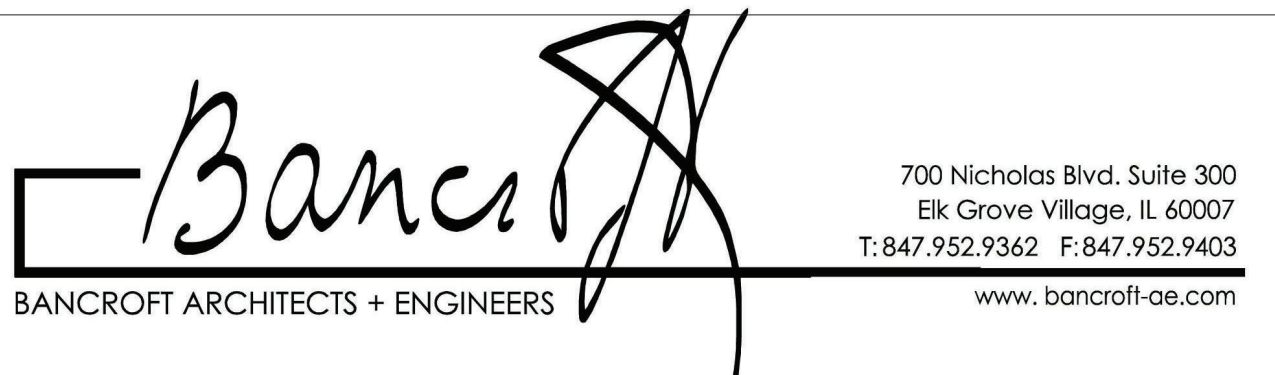
BASIS OF DESIGN COMPLIANCE PROTOCOLS(SUMMARY)	
SEE DRAWING G001 FOR THE FULL COMPLIANCE REQUIREMENTS	
THE BASIS OF DESIGN (BOD) PROTOCOLS APPLY TO ALL SPECIFIED EQUIPMENT, CONSTRUCTION MATERIALS INDICATED AND ALL ASSEMBLY DETAILS CONTAINED WITHING THE DRAWINGS/ DOCUMENTS OR AS SPECIFICALLY REFERENCED BY SAME. EQUIPMENT AND MATERIAL PERFORMANCE CHARACTERISTICS ALONG WITH ALL DIMENSIONAL LOGISTICS FEATURES THAT AFFECT SIZE, PLACEMENT, REQUIRED CLEARANCES, SPACING, SERVICE ACCESS, DETAILING AND CONNECTION VARIANCES UTILITIES IMPACTS, HEIGHT FINISHING (IF REQUIRED), AVAILABILITY, ETC., WHICH NEED TO BE IDENTIFIED TO THE COR AND ALL AFFECTED SUBCONTRACTORS AND BE FULLY COORDINATED BY THE PRIME CONTRACTOR IF DIFFERENT FROM THE BID/CONSTRUCTION DOCUMENTS.	
BASIS OF DESIGN COMPLIANCE: 1. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY AND CERTIFY THAT THE CHARACTERISTICS OF THE EQUIPMENT OR MATERIAL HE/SHE WILL BE SUBMITTING FOR REVIEW MEETS OR EXCEEDS THE CAPACITY AND DUTY REQUIREMENTS AS SPECIFIED IN ANY OF THE "BASIS OF DESIGN" SPECIFICATIONS.	
2. IF THE EQUIPMENT OR MATERIAL BEING SUBMITTED FOR REVIEW WILL REQUIRE THAT MODIFICATIONS NEED TO BE MADE, TO THE WORK OF THE PROVIDING CONTRACTORS, THE SUBMITTING CONTRACTOR SHALL BE FULLY RESPONSIBLE TO ADVISE/INFORM THE PRIME CONTRACTOR OF ANY AND ALL SUCH NECESSARY IMPACTS AND POSSIBLE DELAYS AND/OR COSTS AS A PART OF THEIR BID AND CONSTRUCTION SCOPE OF WORK RESPONSIBILITIES.	
3. THE SUBMITTING CONTRACTOR WILL BE FULLY RESPONSIBLE TO COORDINATE ALL DEVIATIONS FROM THE "BASIS OF DESIGN" INTENT WITH THE GENERAL CONTRACTOR AND ALL AFFECTED SUB-CONTRACTORS. THE FINAL INSTALLATION SHALL NOT COMPROMISE ANY OF THE "BASIS OF DESIGN" PERFORMANCE CHARACTERISTICS NOR SHALL IT ENCUMBER ANY OF THE DESIGN LAYOUT LOGISTICAL NECESSITIES.	
4. THE FINAL INSTALLATION SHALL ALSO COMPLY WITH ALL APPLICABLE BUILDING CODES, REGULATIONS, VA REQUIREMENTS PLUS ALLOW THE EQUIPMENT AND/OR MATERIALS TO FUNCTION PROPERLY AND SAFELY.	
5. ALL MATERIALS OR EQUIPMENT EQUIVALENT SUBSTITUTIONS SHALL BE PROVIDED ON A CONTRACTOR PREPARED ITEMIZED LISTING PER SUBSTITUTION WITH A FULL AND DETAILED DESCRIPTION OF ALL SPECIFICATIONS AND KNOWN DEVIATIONS FROM THE ORIGINAL BASIS OF DESIGN.	
6. THE PRIME/GENERAL CONTRACTOR SHALL NOTIFY AND COORDINATE WITH THE COR AT THE BEGINNING OF THE PROJECT, ALL SUCH KNOWN DEVIATIONS AND IMPACTS FROM THE SPECIFIC BASIS OF DESIGN SPECIFICATIONS BEFORE STARTING THE PROJECT AND/OR THE SHOP DRAWING SUBMITTAL.	
7. IF ANY UNKNOWN DEVIATIONS FROM THE BOD REQUIREMENTS SURFACE DURING THE CONSTRUCTION PHASE, NOTIFY THE COR IMMEDIATELY AND IDENTIFY ALL IMPACTS FOR THE COR'S EVALUATION AND POSSIBLE AUTHORIZATION.	

PROJECT GENERAL NOTES	
(APPLIES TO ALL CONTRACTORS)	
1. ALL WORK SHALL BE COMPLETED ACCORDING TO ALL PUBLISHED APPLICABLE LOCAL STATE / FEDERAL/ NATIONAL CODES AND ORDINANCES ALONG WITH ALL VA DIRECTIVES, DESIGN MANUALS, SPECIFICATIONS, STANDARDS AND REQUIREMENTS	
2. EACH CONTRACTOR SHALL HAVE PUBLIC LIABILITY, PROPERTY DAMAGE AND WORKSMAN'S COMPENSATION INSURANCE. CONSULT VA FOR ALL COVERAGE REQUIREMENTS.	
3. EACH CONTRACTOR SHALL COORDINATE WITH ALL OTHER CONTRACTORS AND CHECK, PRIOR TO COMMENCEMENT OF WORK, FOR SPACE REQUIREMENTS WITH ALL OTHER TRADES, TO AVOID CONFLICTS.	
4. RELOCATION OF DUCTS, PIPING, CONDUIT, ELECTRICAL BOXES WHICH MAY ALTER THE ARCHITECTURAL OR STRUCTURAL CONSTRUCTION MUST BE APPROVED BY THE COR, PRIOR TO RELOCATION	
5. MECHANICAL CONTRACT DRAWINGS SHALL BE TAKEN IN A SENSE AS DIAGRAMMATIC. SIZE & MEANS OF RUNNING PIPING ARE SHOWN BUT IS NOT INTENDED TO SHOW EVERY FITTING AND OFFSET, NOR EVERY STRUCTURAL DIFFICULTY THAT CAN BE ENCOUNTERED DURING THE INSTALLATION OF WORK.	
6. SPECIFICATIONS AND SITE: BEFORE SUBMITTING A BID, THE BIDDERS SHALL CAREFULLY EXAMINE THE DRAWINGS AND SPECIFICATIONS SO AS TO BE THOROUGHLY FAMILIAR WITH ALL THE REQUIREMENTS. THE BIDDERS SHALL VISIT THE SITE OF THE WORK TO BECOME ACQUAINTED WITH ALL THE CONDITIONS AFFECTING THE CONTRACT, OBSTACLES WHICH MAY BE ENCOUNTERED AND ALL OTHER CONDITIONS RELATIVE TO THE WORK TO BE PERFORMED. AND, IF AWARDED THE CONTRACT, SHALL NOT BE ALLOWED ANY EXTRA COMPENSATION BY REASON OF ANY UNFORESEEN DIFFICULTIES OR OBSTACLES WHICH THE BIDDER COULD HAVE REASONABLY ANTICIPATED PRIOR TO BIDDING. SHOULD ANY DISCREPANCIES, ERRORS, CONFLICT OR ITEMS NEEDING CLARIFICATION BE DISCOVERED IN THE PLANS AND/OR SPECIFICATIONS, THE CONTRACTOR SHALL NOTIFY THE VA/COR PRIOR TO SUBMITTING A BID AND THE VA/COR BEFORE STARTING WORK.	
7. EACH CONTRACTOR SHALL MAINTAIN A COMPETENT FOREMAN OR DIRECT REPRESENTATIVE ON THE JOB AT ALL TIMES. THE CONTRACTOR SHALL COOPERATE WITH THE SUPERINTENDENT AND FOREMAN OF THE TRADES IN ORDER THAT THERE MAY NOT BE DELAY IN THE ERECTION AND COMPLETION OF THE WORK.	

SPECIAL SAFETY NOTICE	
1. ALL CONTRACTORS, SUBCONTRACTORS AND THEIR REPRESENTATIVES WORKING ON THIS PROJECT SHALL AT ALL TIMES PRIOR AND DURING THE COURSE OF THEIR ACTIVITY BE RESPONSIBLE FOR THE SAFETY OF THEIR EMPLOYEES AS WELL AS ALL OTHERS AND IN THE CARE OF THE PROPERTY.	
2. EACH CONTRACTOR OR SUBCONTRACTOR, AS REPRESENTATIVES OF THEIR EMPLOYEES, SHALL ASCERTAIN THAT THE CONDITIONS UNDER WHICH THEY WILL BE REQUIRED TO ACCOMPLISH THEIR WORK ARE SAFE AND MEET ALL REGULATIONS OF THE OCCUPATIONAL SAFETY AND HAZARD ACT OR OTHER GOVERNING REGULATIONS AND ALL VA REQUIREMENTS. THE BEGINNING OF WORK BY A CONTRACTOR OR SUBCONTRACTOR SHALL INDICATE SATISFACTION CONCERNING SAFETY AND FULL RESPONSIBILITY FOR ACCIDENTS, INJURIES, AND/OR DAMAGES.	
3. IF UNSATISFIED, THE CONTRACTOR OR SUBCONTRACTOR SHALL INDICATE THE ACTIONS AND/OR DEVICES NECESSARY TO RENDER THE JOB-SITE SAFE. IF THE WORK OF OTHER PARTIES IS, UPON INSPECTION, FOUND AT ANY TIME TO BE UNSAFE THE CONTRACTOR OR SUBCONTRACTOR SHALL IMMEDIATELY STOP ALL WORK AND NOTIFY THE GENERAL CONTRACTOR AND THE COR. THE BID SUBMISSIONS AND BEGINNING OF WORK SHALL INDICATE ACKNOWLEDGEMENTS AND ACCEPTANCE OF THESE REQUIREMENTS.	

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

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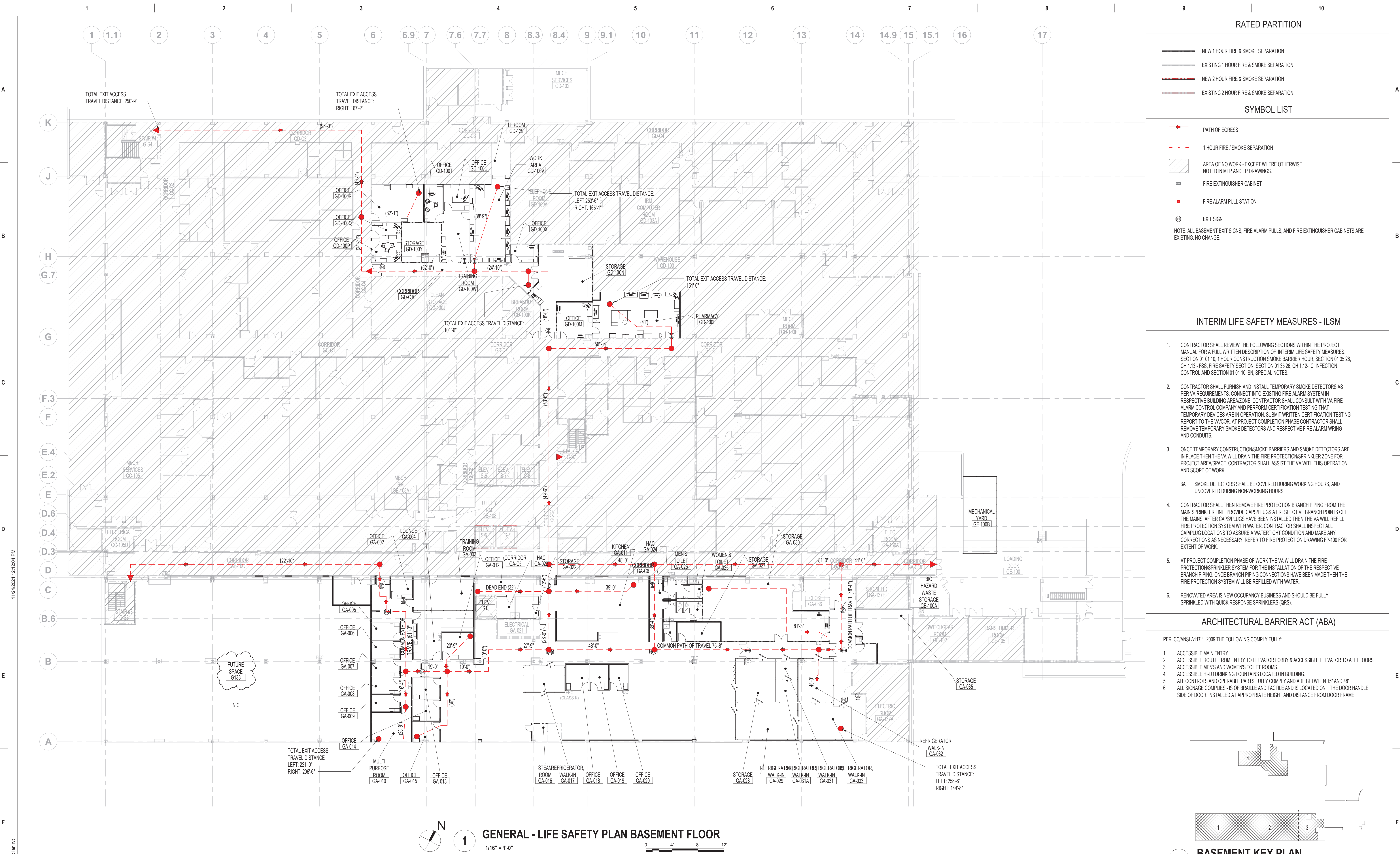
Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title GENERAL - CODE AND BUILDING INFORMATION
Approved: Project Director

Phase BID DOCUMENTS SUBMITTAL
FULLY SPRINKLERED

VA CONTRACT NO: 36C24519C0171			
Project Title RENOVATE/UPGRADE NFS KITCHEN - BUILDING 500 BASEMENT	Project Number 613-19-103	Building Number 500	
Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405	Issue Date 11/24/21	Checked II	Drawing Number GI101





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BID DOCUMENTS SUBMITTAL	11/24/2021
100% CONSTRUCTION DOCUMENTS SUBMISSION	07/23/2021
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Revisions:	Date:

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

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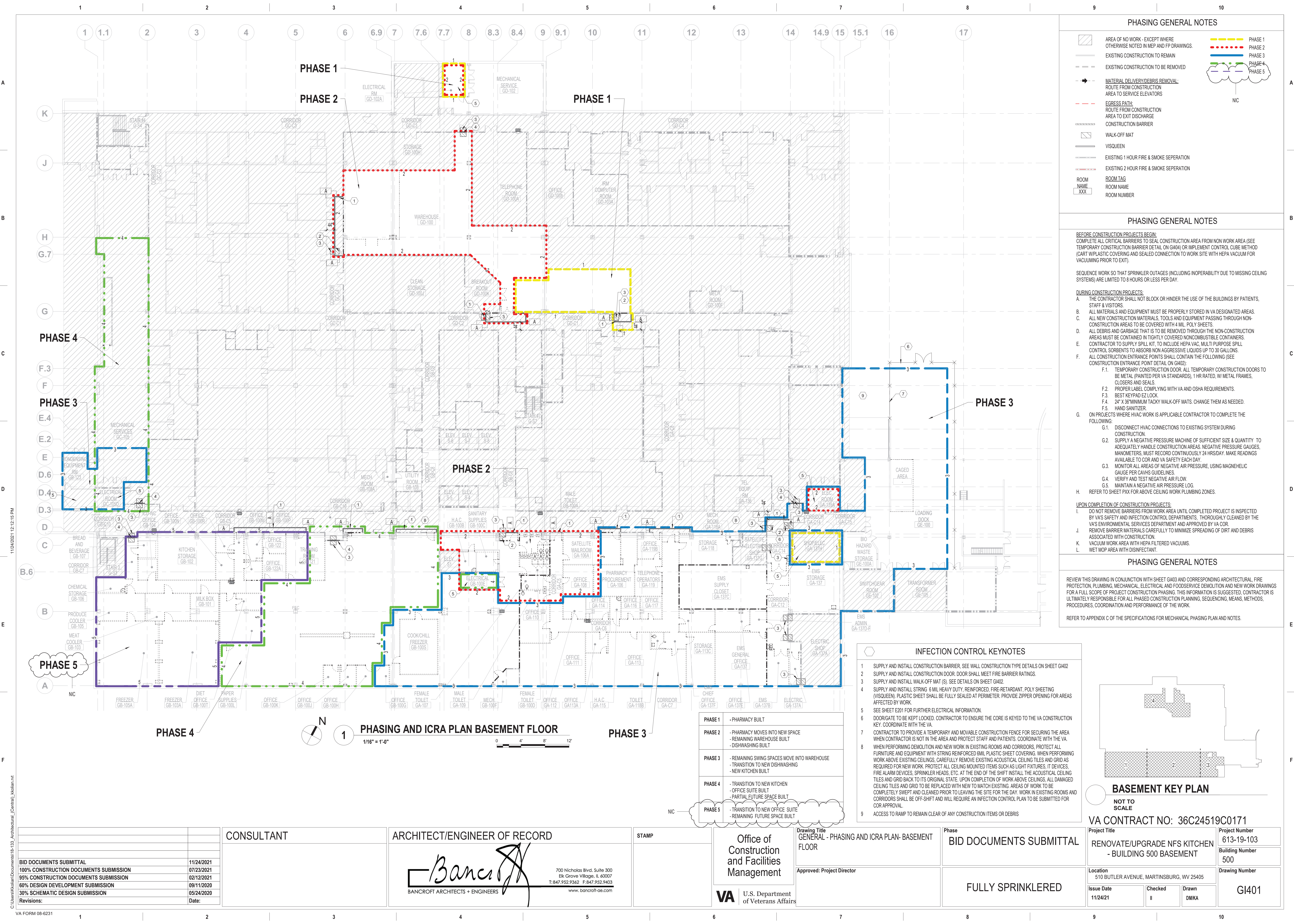
Drawing Title	GENERAL - LIFE SAFETY PLAN- BASEMENT FLOOR
Approved:	Project Director

Phase	BID DOCUMENTS SUBMITTAL
FULLY SPRINKLERED	

Project Title	RENOVATE/UPGRADE NFS KITCHEN - BUILDING 500 BASEMENT
Location	510 BUTLER AVENUE, MARTINSBURG, WV 25405
Issue Date	11/24/21
Checked	II
Drawn	DMKA

Project Number	613-19-103
Building Number	500
Drawing Number	GI301





PHASING GENERAL NOTES

- AREA OF NO WORK - EXCEPT WHERE OTHERWISE NOTED IN MEP AND FP DRAWINGS.
- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED
- MATERIAL DELIVERY/DEBRIS REMOVAL: ROUTE FROM CONSTRUCTION AREA TO SERVICE ELEVATORS
- EGRESS PATH: ROUTE FROM CONSTRUCTION AREA TO EXIT DISCHARGE
- CONSTRUCTION BARRIER
- WALK-OFF MAT
- VISQUEEN
- EXISTING 1 HOUR FIRE & SMOKE SEPARATION
- EXISTING 2 HOUR FIRE & SMOKE SEPARATION
- ROOM NAME XXX
- ROOM TAG ROOM NAME ROOM NUMBER
- PHASE 1
- PHASE 2
- PHASE 3
- PHASE 4
- PHASE 5
- NIC

PHASING GENERAL NOTES

- BEFORE CONSTRUCTION PROJECTS BEGIN:
- COMPLETE ALL CRITICAL BARRIERS TO SEAL CONSTRUCTION AREA FROM NON WORK AREA (SEE TEMPORARY CONSTRUCTION BARRIER DETAIL ON G404) OR IMPLEMENT CONTROL CUBE METHOD (CART W/PLASTIC COVERING AND SEALED CONNECTION TO WORK SITE WITH HEPA VACUUM FOR VACUUMING PRIOR TO EXIT).
- SEQUENCE WORK SO THAT SPRINKLER OUTAGES (INCLUDING INOPERABILITY DUE TO MISSING CEILING SYSTEMS) ARE LIMITED TO 8 HOURS OR LESS PER DAY.
- DURING CONSTRUCTION PROJECTS:
- A. THE CONTRACTOR SHALL NOT BLOCK OR HINDER THE USE OF THE BUILDINGS BY PATIENTS, STAFF & VISITORS.
- B. ALL MATERIALS AND EQUIPMENT MUST BE PROPERLY STORED IN VA DESIGNATED AREAS.
- C. ALL NEW CONSTRUCTION MATERIALS, TOOLS AND EQUIPMENT PASSING THROUGH NON-CONSTRUCTION AREAS TO BE COVERED WITH 4 MIL POLY SHEETS.
- D. ALL DEBRIS AND GARBAGE THAT IS TO BE REMOVED THROUGH THE NON-CONSTRUCTION AREAS MUST BE CONTAINED IN TIGHTLY COVERED NONCOMBUSTIBLE CONTAINERS.
- E. CONTRACTOR TO SUPPLY SPILL KIT, TO INCLUDE HEPA VAC, MULTI PURPOSE SPILL CONTROL, SORBENTS TO ABSORB NON AGGRESSIVE LIQUIDS UP TO 30 GALLONS.
- F. ALL CONSTRUCTION ENTRANCE POINTS SHALL CONTAIN THE FOLLOWING (SEE CONSTRUCTION ENTRANCE POINT DETAIL ON G402):
- F.1. TEMPORARY CONSTRUCTION DOOR. ALL TEMPORARY CONSTRUCTION DOORS TO BE METAL (PAINTED PER VA STANDARDS), 1 HR RATED, W/ METAL FRAMES, CLOSERS AND SEALS.
- F.2. PROPER LABEL COMPLYING WITH VA AND OSHA REQUIREMENTS.
- F.3. BEST KEYPAD EZ LOCK.
- F.4. 24" X 36" MINIMUM TACKY WALK-OFF MATS. CHANGE THEM AS NEEDED.
- F.5. HAND SANITIZER.
- G. ON PROJECTS WHERE HVAC WORK IS APPLICABLE CONTRACTOR TO COMPLETE THE FOLLOWING:
- G.1. DISCONNECT HVAC CONNECTIONS TO EXISTING SYSTEM DURING CONSTRUCTION.
- G.2. SUPPLY A NEGATIVE PRESSURE MACHINE OF SUFFICIENT SIZE & QUANTITY TO ADEQUATELY HANDLE CONSTRUCTION AREAS. NEGATIVE PRESSURE GAUGES, MANOMETERS, MUST RECORD CONTINUOUSLY 24 HRS/DAY. MAKE READINGS AVAILABLE TO COR AND VA SAFETY EACH DAY.
- G.3. MONITOR ALL AREAS OF NEGATIVE AIR PRESSURE, USING MAGNETIC GAUGE PER CAVHS GUIDELINES.
- G.4. VERIFY AND TEST NEGATIVE AIR FLOW.
- G.5. MAINTAIN A NEGATIVE AIR PRESSURE LOG.
- H. REFER TO SHEET PXX FOR ABOVE CEILING WORK PLUMBING ZONES.
- UPON COMPLETION OF CONSTRUCTION PROJECTS:
- I. DO NOT REMOVE BARRIERS FROM WORK AREA UNTIL COMPLETED PROJECT IS INSPECTED BY VA'S SAFETY AND INFECTION CONTROL DEPARTMENTS, THOROUGHLY CLEANED BY THE VA'S ENVIRONMENTAL SERVICES DEPARTMENT AND APPROVED BY VA COR.
- J. REMOVE BARRIER MATERIALS CAREFULLY TO MINIMIZE SPREADING OF DIRT AND DEBRIS ASSOCIATED WITH CONSTRUCTION.
- K. VACUUM WORK AREA WITH HEPA FILTERED VACUUMS.
- L. WET MOP AREA WITH DISINFECTANT.

PHASING GENERAL NOTES

- REVIEW THIS DRAWING IN CONJUNCTION WITH SHEET G403 AND CORRESPONDING ARCHITECTURAL, FIRE PROTECTION, PLUMBING, 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.
- REFER TO APPENDIX C OF THE SPECIFICATIONS FOR MECHANICAL PHASING PLAN AND NOTES.

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Office of Construction and Facilities Management

Drawing Title  
GENERAL - PHASING AND ICRA PLAN- BASEMENT FLOOR

Approved: Project Director

Phase  
BID DOCUMENTS SUBMITTAL

FULLY SPRINKLERED

Project Title  
RENOVATE/UPGRADE NFS KITCHEN - BUILDING 500 BASEMENT

Location  
510 BUTLER AVENUE, MARTINSBURG, WV 25405

Issue Date  
11/24/21

Checked  
II

Drawn  
DMKA

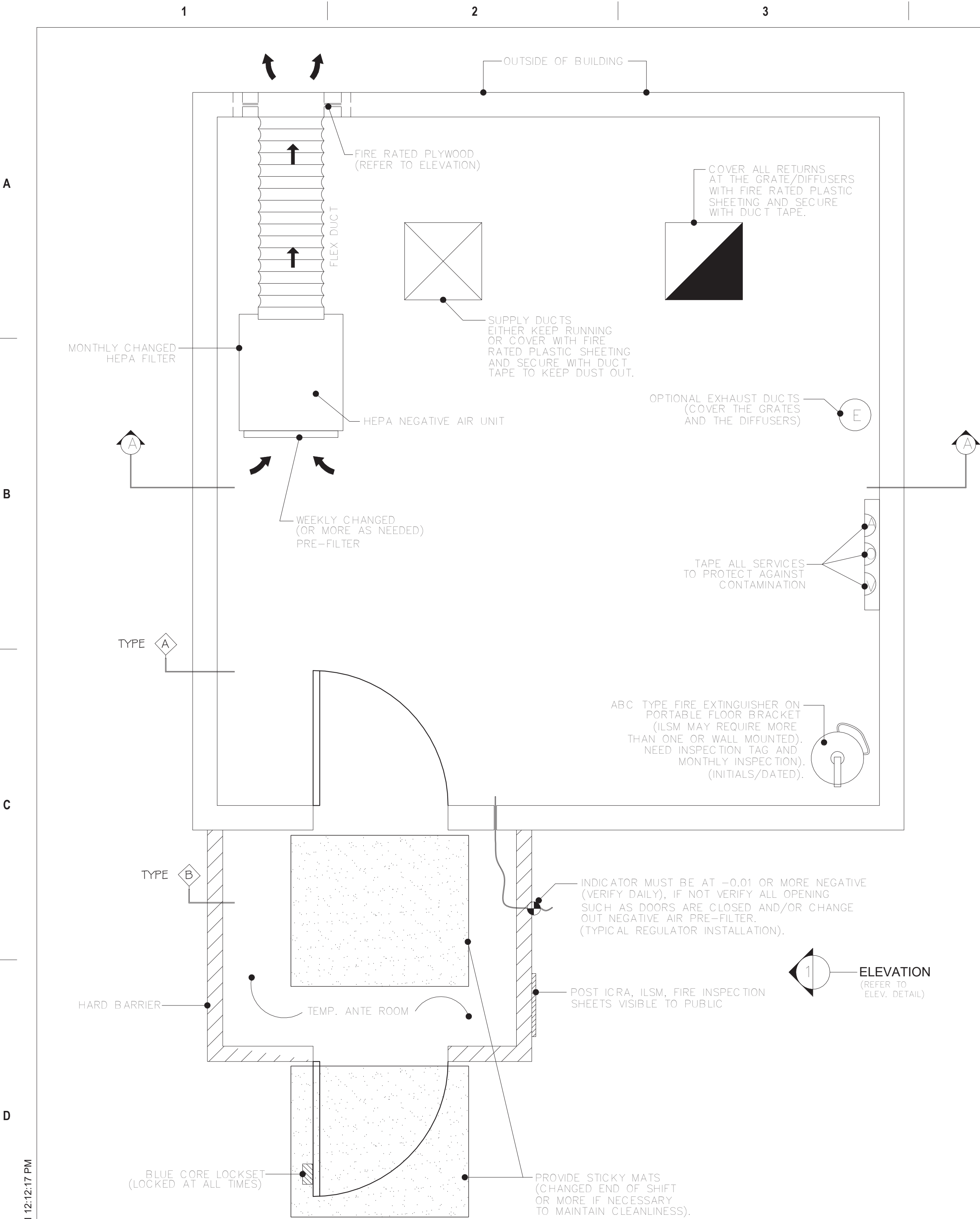
Project Number  
613-19-103

Building Number  
500

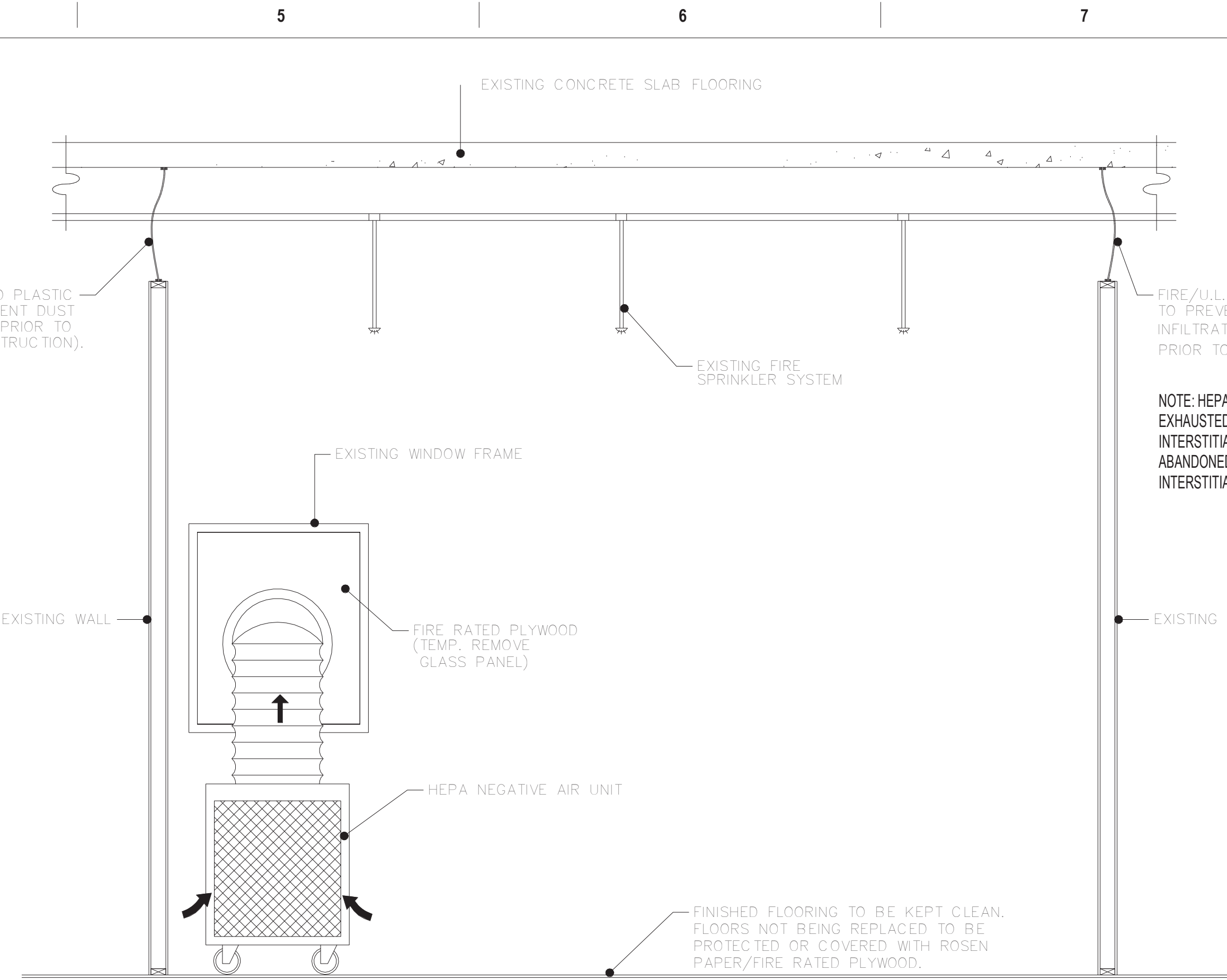
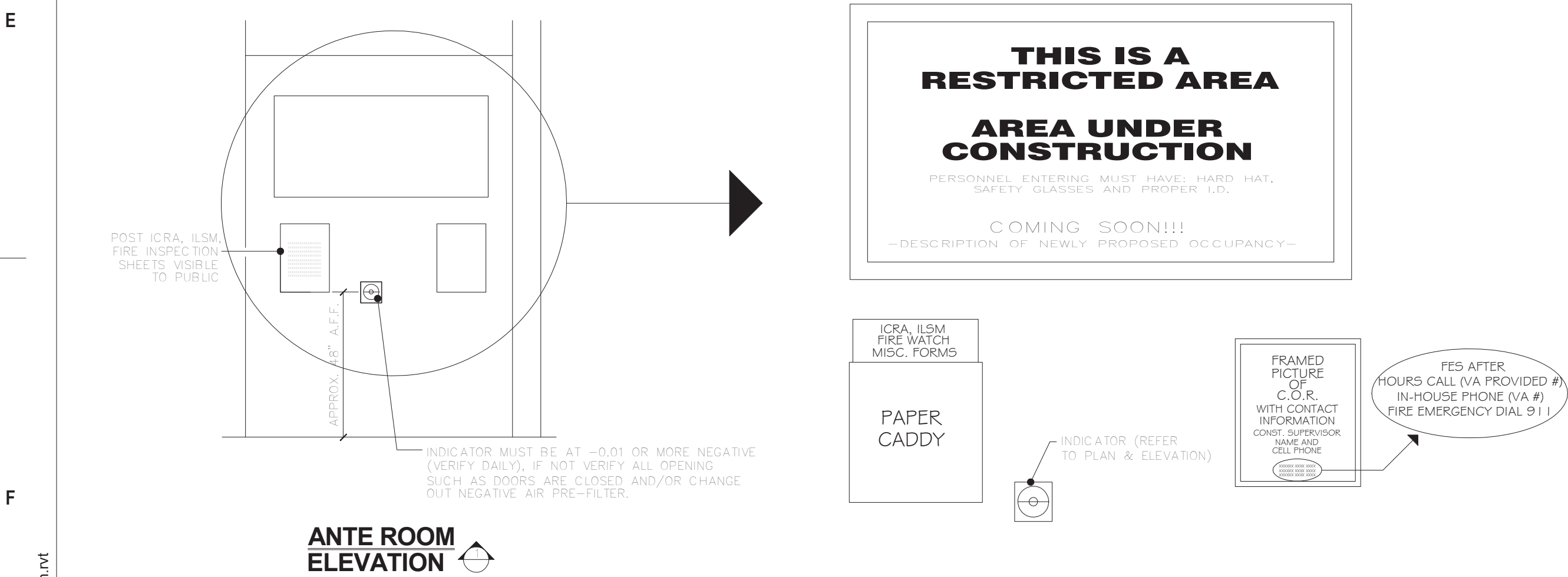
Drawing Number  
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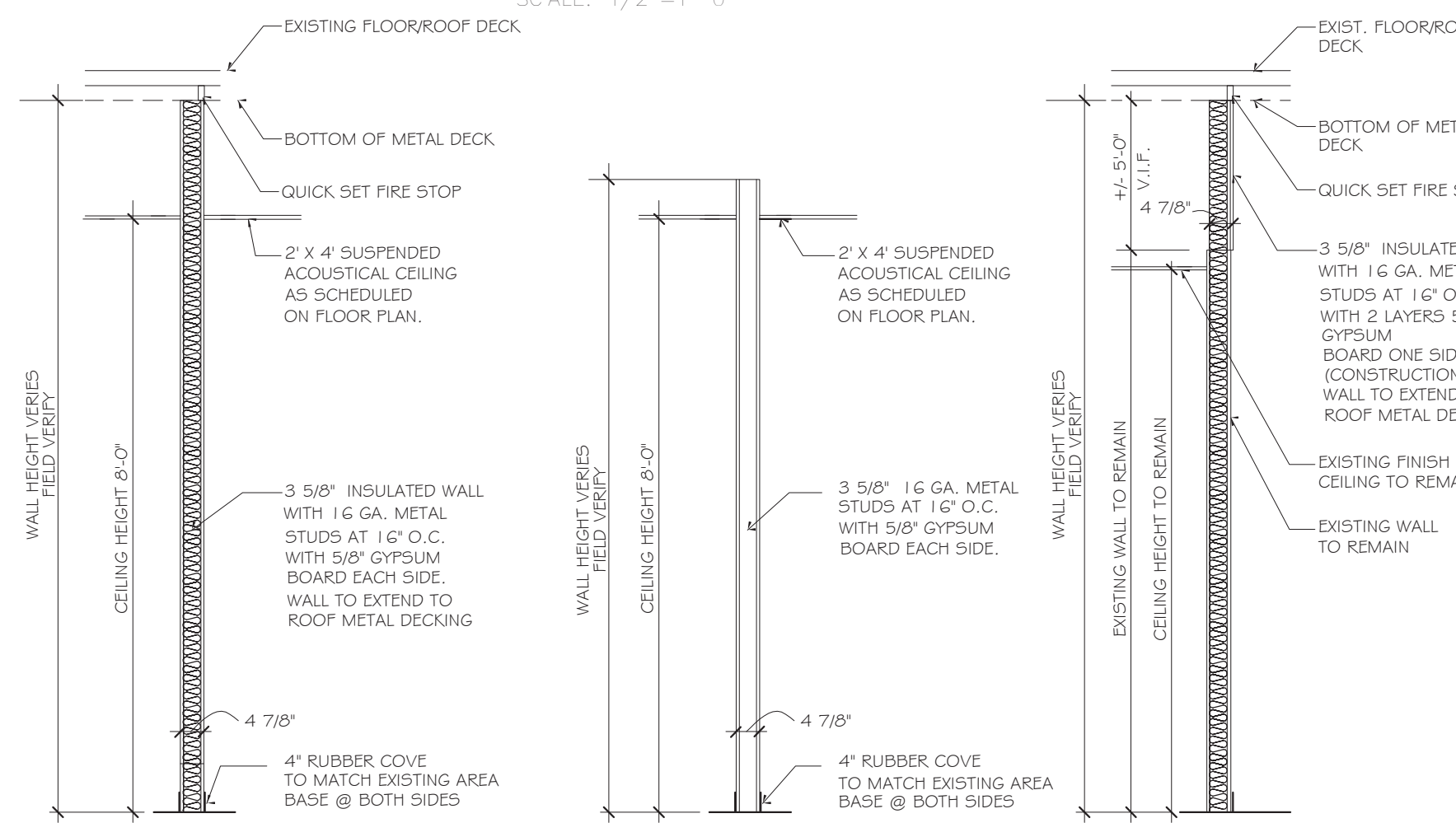
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**TYPICAL IDEAL CONSTRUCTION LAYOUT CLASS IV**  
SCALE: 1/2"=1'-0"



**CROSS-SECTION 'A-A' CLASS IV**  
SCALE: 1/2"=1'-0"



**WALL CONST. TYPES (DETAILS)**

**INFECTION CONTROL RISK ASSESSMENT**  
**Matrix of Precautions for Construction and Renovation**

CLASS IV	Description of Required Infection Control Precautions by Class	
	During Construction Project	Upon Completion of Project
CLASS IV	1. Isolate HVAC system in area where work is being done to prevent contamination of duct system.	1. Obtain approval by CAVHS team to remove barriers.
	2. Complete all critical barriers i.e. sheetrock, plywood, plastic, to seal area from non work area or implement control cube method (cart with plastic covering and sealed connection to work site with HEPA vacuum for vacuuming prior to exit) before construction begins.	2. Remove barrier material carefully to minimize spreading of dirt and debris associated with construction.
	3. Maintain negative air pressure within work site utilizing HEPA equipped air filtration units if indicated.	3. Contain construction waste before transport in tightly covered containers.
	4. Seal holes, pipes, conduits, and punctures appropriately.	4. Cover transport receptacles or carts. Tape covering unless solid lid.
	5. Construct anteroom and require all personnel to pass through this room so they can be vacuumed using a HEPA vacuum cleaner before leaving work site or they can wear cloth or paper coveralls that are removed each time they leave work site.	5. Vacuum work area with HEPA filtered vacuums.
	6. All personnel entering work site are required to wear shoe covers. Shoe covers must be changed each time the worker exits the work area.	6. Wet mop area with cleaner/disinfectant.
	7. Do not remove barriers from work area until completed project is inspected by the owner's safety department and infection control.	7. Remove isolation of H.V.A.C system in areas where work is being performed.
		8. Room and/or shall be thoroughly cleaned by the owner's environmental services department.

STEP ONE: Identify the Type of construction Project Activity	
TYPE A	<b>Inspection and Non-Invasive Activities.</b> Includes, but is not limited to: <ul style="list-style-type: none"><li>removal of ceiling tiles for visual inspection only, e.g., limited to 1 tile per 50 square feet</li><li>painting (but not sanding)</li><li>wallcovering, electrical trim work, minor plumbing, and activities which do not generate dust or require cutting of walls or access to ceilings other than for visual inspection.</li></ul>
TYPE B	<b>Small scale, short duration activities which create minimal dust</b> Includes, but is not limited to: <ul style="list-style-type: none"><li>installation of telephone and computer cabling</li><li>access to chase spaces</li><li>cutting of walls or ceiling where dust migration can be controlled.</li></ul>
TYPE C	<b>Work that generates a moderate to high level of dust or requires demolition or removal of any fixed building components or assemblies</b> Includes, but is not limited to: <ul style="list-style-type: none"><li>sanding of walls for painting or wall covering</li><li>removal of floorcoverings, ceiling tiles and casework</li><li>new wall construction</li><li>minor duct work or electrical work above ceilings</li><li>major cabling activities</li><li>any activity which cannot be completed within a single workshift.</li></ul>
TYPE D	<b>Major demolition and construction projects</b> Includes, but is not limited to: <ul style="list-style-type: none"><li>activities which require consecutive work shifts</li><li>requires heavy demolition or removal of a complete cabling system</li><li>new construction.</li></ul>

STEP TWO: Identify the Patient Risk Groups			
Low Risk	Medium Risk	High Risk	Highest Risk
• Office areas	• Cardiology • Echocardiography • Endoscopy • Nuclear Medicine • Physical Therapy • Radiology/MRI • Respiratory Therapy	• CCU • Emergency Room • Labor & Delivery • Laboratories (specimen) • Medical Units • Newborn Nursery • Outpatient Surgery • Pediatrics • Pharmacy • Post Anesthesia Care Unit • Surgical Units	• Any area caring for immunocompromised patients • Burn Unit • Cardiac Cath Lab • Central Sterile Supply • Intensive Care Units • Negative pressure isolation rooms • Oncology • Operating rooms including C-section rooms

STEP THREE: Match the Patient Risk Group with the Construction Project Type to find the Class of Precautions				
IC Matrix - Class of Precautions: Construction Project by Patient Risk				
Patient Risk Group	Construction Project Type			
	TYPE A	TYPE B	TYPE C	TYPE D
LOW Risk Group	I	II	II	III/IV
MEDIUM Risk Group	I	II	III	IV
HIGH Risk Group	I	II	III/IV	IV
HIGHEST Risk Group	II	III/IV	III/IV	IV

Note: Infection Control approval will be required when the Construction Activity and Risk Level indicate that Class III or Class IV control procedures are necessary.

VA CONTRACT NO: 36C24519C0171	
Project Title RENOVATE/UPGRADE NFS KITCHEN - BUILDING 500 BASEMENT	Project Number 613-19-103
Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405	Building Number 500
Issue Date 11/24/21	Drawing Number GI402

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

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

Drawing Title GENERAL - TYPICAL ICRA DRAWING CLASS IV	
Approved: Project Director	

Phase BID DOCUMENTS SUBMITTAL	
FULLY SPRINKLERED	



DISCIPLINE:	ARCHITECTURAL	FIRE PROTECTION	MECHANICAL	PLUMBING	ELECTRICAL	NOTES
PHASE 1						
BUILD NEW PHARMACY IN WAREHOUSE SWING SPACE	<p>Demo work: Demolish existing elements in warehouse area in current phase.</p> <p>New work: Build Pharmacy space</p> <p>Pharmacy staff in existing swing space moves into new warehouse swing space upon completion of work.</p>	<p>Demo work: Demolish existing sprinkler heads and some piping that will interfere with new ceiling mounted mechanical equipment. Piping to be reconnected quickly after demolition to ensure adequate fire protection for associated areas downstream during construction.</p> <p>New work: Install new sprinkler heads and some new piping. Piping to be routed to avoid interferences with new ceiling mounted mechanical equipment.</p>	<p>Existing air handling unit HV-2 will be demolished and replaced with new air handling unit AHU-2. All ceiling diffusers and interstitial ductwork work required to provide service to the pharmacy will be completed before pharmacy employees can relocate to their new space. Existing warehouse ventilation will be connected to AHU-2 supply to provide outside air.</p>	<p>Demo work: None</p> <p>New work: None</p>		
PHASE 2						
BUILD REMAINING NEW OFFICES IN WAREHOUSE SWING SPACE AND NEW DISHWASHING IN KITCHEN	<p>Demo work: Demolish remaining existing elements in area of current phase.</p> <p>New work: Build remaining new warehouse swing space and new dishwashing.</p> <p>Remaining staff in existing swing space moves into new warehouse swing space and existing dishwashing operations transitions to new dishwashing space upon completion of work.</p>	<p>Demo work:</p> <p>Area 2: Demolish existing sprinkler heads and all piping that will interfere with new raised ceiling. Piping to be reconnected quickly after demolition to ensure adequate fire protection for associated areas downstream during construction.</p> <p>Area 4: Demolish existing sprinkler heads and all piping that will interfere with new ceiling mounted mechanical equipment. Piping to be reconnected quickly after demolition to ensure adequate fire protection for associated areas downstream during construction.</p> <p>New work:</p> <p>Area 2: Install new sprinkler heads and all new piping.</p> <p>Area 4: Install new sprinkler heads and some new piping. Piping to be routed to avoid interferences with new ceiling mounted mechanical equipment.</p>	<p>Remaining swing space area will have ceiling diffusers and fan coil units installed to provide ventilation and comfort control. HV-1 must be rebalanced to provide preconstruction airflow to NS areas served by the unit. Preconstruction airflow should be measured with a TAB report prior to commencing work and verified to match with a TAB at conclusion of work.</p> <p>New dishwash area will have all required ceiling diffusers installed according to new final design intent. New diffusers to be connected to nearby existing supply and return ductwork associated with air handling unit AC-1. This will provide temporary ventilation to the space until later phase.</p> <p>New exhaust ductwork from dishwashing equipment will be run in interstitial to existing vertical ductwork riser. Existing exhaust fans EF-50 and EF-51 on roof will be replaced with new according to design. New exhaust ductwork shall be insulated.</p> <p>New pressure reducing valve PRV-500K will be installed in mechanical room GC-105 to serve all new kitchen equipment including dishwasher, cart washer, and steam kettles. Steam supply piping will be routed via interstitial space into the new kitchen equipment. New steam condensate return piping will be routed underfloor to tie into existing condensate pump P-5 in kitchen steam room.</p> <p>All work in phase 2 that will cause downtime for dishwasher operation should be coordinated between trades and with the VACOR.</p>	<p>Demo work:</p> <p>Area 2: Demolish plumbing fixtures and associated piping serving Male Toilets G8-100A and GA-109 and Female Toilets G8-100B and GA-109. Demolish sanitary piping to main and cap and seal.</p> <p>Area 4: No work.</p> <p>New work:</p> <p>Area 2: Install floor receptacles in Dishwashing G101. Tie new sanitary piping temporarily into the existing sanitary mains that the toilets previously tied into. Route new domestic water and vent piping to serve new Dishwashing G101.</p> <p>Area 4: Install floor through, hose reel and sink to serve the new EMS Equipment Storage Room GD-137 and all associated piping.</p>		
PHASE 3						
BUILD NEW KITCHEN	<p>Demo work: Existing remaining swing space offices to be demolished. Existing kitchen prep, cooking, assembly, food storage and offices to remain fully operational during demolition.</p> <p>New work: Build new kitchen cooking, prep, assembly, food storage and deliveries/receiving.</p> <p>Move kitchen prep, assembly operations and food storage to new space upon completion of work.</p>	<p>Demo work: Demolish existing sprinkler heads and all piping that will interfere with new raised ceiling.</p> <p>New work: Install new sprinkler heads and all new piping.</p>	<p>Condensing units to be installed along with acoustical enclosure and associated exhaust system on the loading dock location. Condensing units must be installed after routing of new kitchen sanitary and grease interceptor has been installed. Refrigerant piping will be installed between loading dock condensing units and evaporators located in the walk-in coolers/freezers. Refrigerant piping work should be coordinated with other trades.</p> <p>All ductwork, diffusers, and terminal boxes located in ceiling and interstitial above the phase 3 area of work will be demolished. NS areas served by AC-4 shall have a TAB report conducted to determine pre-construction airflow. Demolished ductwork originating from air handling unit AC-4 should be capped and sealed at location indicated on drawing. AC-4 will be adjusted and balanced to maintain pre-construction airflow to NS areas. All ductwork originating from air handling unit AC-1 will be demolished back to location back to location indicated on drawings and temporarily capped and sealed.</p> <p>New diffusers, ductwork, and terminal units serving new kitchen area will be installed according to final construction design.</p> <p>Existing make-up air unit in mechanical room GC-105 will be demolished along with all associated ductwork and replaced with new MAU-1. New ductwork will be routed via interstitial to new kitchen hood location. Installation of make-up air ductwork should be coordinated to conform with intended design.</p>	<p>Demo work: Demolish all plumbing fixtures and associated piping back to main. Demolish existing sanitary as shown dashed on drawings, the remaining underground sanitary to be abandoned in place.</p> <p>New work: Install new grease interceptor (G-1), sewage ejector pump (SEP-1 and SEP-2) basin/equipment and valve vault along with kitchen sanitary, pumped sanitary and vent piping in the loading dock area. Route pumped sanitary up into the interstitial space where it will tie into the existing sanitary. Install new floor receptacles to serve new kitchen area into the new kitchen sanitary main. Install new domestic water and vent piping to serve the new kitchen area. Remove temporary kitchen sanitary piping serving new Dishwashing G101 from the existing main and tie into the new kitchen sanitary.</p>		

DISCIPLINE:	ARCHITECTURAL	FIRE PROTECTION	MECHANICAL	PLUMBING	ELECTRICAL	NOTES
PHASE 3			<p>Type 1 grease exhaust ductwork will be routed from new kitchen exhaust hoods to existing vertical riser in interstitial. EF-52 on roof will be upgraded with a VFD and placed on emergency power. All exposed ductwork on the roof between EF-52 inlet and the roof penetration shall be removed and replaced with new stainless steel welded. Contractor will follow all required codes and standards associated with Type 1 grease systems. Kitchen grease exhaust ductwork shall be insulated.</p> <p>New steam supply will be installed to serve remaining kitchen equipment. Steam condensate piping will be installed under floor routing all new kitchen condensate to existing condensate pump P-5 in kitchen steam room.</p>			
BUILD NEW KITCHEN			<p>Temporary air handling unit and all associated equipment, ductwork, piping, and controls will be installed. Temporary ductwork will be routed according to drawings to location of entrance to the interstitial. Contractor will route temporary ductwork via interstitial to tie-in locations in new ductwork as identified on drawings. Contractor is responsible for coordinating all temporary work with new and between trades to ensure system operates as designed.</p> <p>At completion of phase 3, kitchen will be fully operational and temporary unit will provide HVAC to the space. Kitchen staff will populate their new kitchen.</p>			
PHASE 4						
BUILD OFFICE SUITE	<p>Demo work: Demolish existing kitchen including cooking, prep and assembly areas.</p> <p>New work: Build new office suite and portion of future space.</p> <p>Move kitchen staff into new offices.</p>	<p>Demo work: Demolish existing sprinkler heads and all piping that will interfere with new raised ceiling.</p> <p>New work: Install new sprinkler heads and all new piping.</p>	<p>Contractor will extend temporary ductwork to serve remaining offices in phase 5 area of work that require ventilation.</p> <p>All remaining ductwork associated with AC-1 will be demolished and removed except what is necessary to continue supplying phase 5 spaces still in use.</p> <p>All equipment in mechanical room GC-105 that is affected by this project will be replaced or modified in this phase. New air handling unit AHU-1, exhaust fan EF-1, pumps P-15 and P-16, pressure reducing valve PRV-121/8, etc will be installed.</p> <p>All ductwork and ceiling diffusers within phase 4 area of work will be installed. Ductwork will be routed from AHU-1 to tie into previously installed new ductwork in interstitial.</p>	<p>Demo work: Demolish all plumbing fixtures and associated piping back to main. Existing underground sanitary piping to be abandoned in place.</p> <p>New work: Install new sink in kitchenette lounge G125 and route associated piping. Tie new herb wall into cold water and drain piping from kitchenette sink.</p>		
PHASE 5						
BUILD FUTURE SPACE	<p>Demo work: Demolish existing kitchen food storage areas and staff offices.</p> <p>New work: Build remaining area of future space.</p>	<p>Demo work: Demolish existing sprinkler heads and all piping that will interfere with new raised ceiling.</p> <p>New work: Install new sprinkler heads and all new piping.</p>	<p>Remaining mechanical items within phase 5 area of work will be removed.</p> <p>Suspended unit heaters will be installed in vanilla box future space to temper cold air infiltration from perimeter walls.</p>	<p>Demo work: Demolish all plumbing fixtures and associated piping back to main. Existing underground sanitary piping to be abandoned in place.</p> <p>New work: None</p>		
Demo and new work in other areas outside of warehouse and kitchen remains to be placed in corresponding phase					There are breaker replacements and breaker settings in other areas that will be performed outside of kitchen phasing	


## PHASING PLAN GENERAL NOTES

- |     |   |  |
|-----|---|--|
| 1.  | CONTRACTOR SHALL BE RESPONSIBLE FOR SEQUENCING AND COORDINATION OF CONSTRUCTION PHASING WITH THE VA'S SCHEDULE, INFECTION CONTROL, AND INTERIM LIFE PROJECT GENERAL CONDITION, INFECTION CONTROL, SPECIAL NOTES, PROJECT SCHEDULE, ETC. FOR ALL PROJECT REQUIREMENTS. | SAFETY REQUIREMENTS. REFER TO SPECIFICATIONS FOR |
| 2.  | CONTRACTOR SHALL PROVIDE ALL SUB-PHASING ACTIVITIES AS REQUIRED FOR WORK OCCURRING BETWEEN VARIOUS PHASES.  |  |
| 3.  | THE PHASING PLAN IS NOT TO BE TAKEN AS AN INCLUSIVE LIST OF ALL ITEMS TO BE COMPLETED WITHIN A SPECIFIC OUTLINED PHASE. PLEASE REFER TO ALL DISCIPLINES AND THESE AREAS.  | CONTRACT DOCUMENTS FOR ALL WORK ASSOCIATED IN    |
| 4.  | THE PHASING PLAN IS SUBJECT TO THE CONTRACTORS MEANS AND METHODS, SCHEDULING AND TO EXISTING CONDITIONS AND TIME RESTRAINTS.  |  |
| 5.  | CONTRACTOR SHALL REFER TO ALL DEMOLITION AND CONSTRUCTION DRAWINGS FOR A COMPLETE UNDERSTANDING OF THE SPECIFIED SCOPE OF WORK  |  |
| 6.  | CONTRACTOR SHALL MAINTAIN EGRESS PASSAGE WAYS MAIN CORRIDOR AND STAIR EXITS DURING COMPLETE CONSTRUCTION BARRIERS AND ENTRANCES.  |  |
| 7.  | CONTRACTOR SHALL REFER TO DRAWINGS G301 FOR INFECTION CONTROL NOTES AND SUGGESTED LOCATION OF CONSTRUCTION BARRIERS AND ENTRANCES.  |  |
| 8.  | CONTRACTOR SHALL NOTE ALL EXISTING PLUMBING, MECHANICAL AND ELECTRICAL SERVICES AND SYSTEMS THAT ARE SCHEDULED TO REMAIN FULLY OPERATIONAL AND FUNCTIONAL FOR DURATION OF SPECIFIC PHASES.  |  |
| 9.  | CONTRACTOR SHALL NOTE THAT BUILDING 500 SHALL BE OCCUPIED DURING CONSTRUCTION.  |  |
| 10. | HOURS OF OPERATION FOR NOISE AND VIBRATION OPERATIONS ARE DURING OFF NORMAL HOSPITAL OPERATION HOURS (6:00 PM TO 6:00AM). SERVICE INTERRUPTIONS DURING OFF NORMAL WORK HOURS AND SCHEDULED MINIMUM (2) ADVANCED NOTICE.   |  |
| 11. | WHERE TWO OR MORE SEQUENCES MEET IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE TRANSITION WORK BETWEEN SEQUENCES.  |  |
| 12. | CONTRACTOR TO HAVE ALL MATERIALS AND EQUIPMENT ON SITE FOR THE COMPLETION OF ANY WORK THAT IS DESIGNATED FOR OFF HOURS PRIOR TO THE START OF OFF HOURS WORK.  |  |
| 13. | PHASES TO BE PERFORMED IN SEQUENCE.   |  |

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

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

The logo features the word "Bancroft" in a large, elegant, handwritten-style script. To the right of the text is a large, stylized, abstract graphic element that resembles a thick, black, calligraphic flourish or a stylized letter 'A'. Below the main text, the words "BANCROFT ARCHITECTS + ENGINEERS" are written in a smaller, clean, sans-serif, all-caps font.

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[www.bancroft-ae.com](http://www.bancroft-ae.com)

STAMP

Office of  
Construction  
and Facilities  
Management

**VA** | U.S. Department  
of Veterans Affairs

Drawing Title  
GENERAL - PHASING/SEQUENCE OF WORK CHART

Approved: Project Director

Phase

BID DOCUMENTS SUBMITTAL

FULLY SPRINKLERED

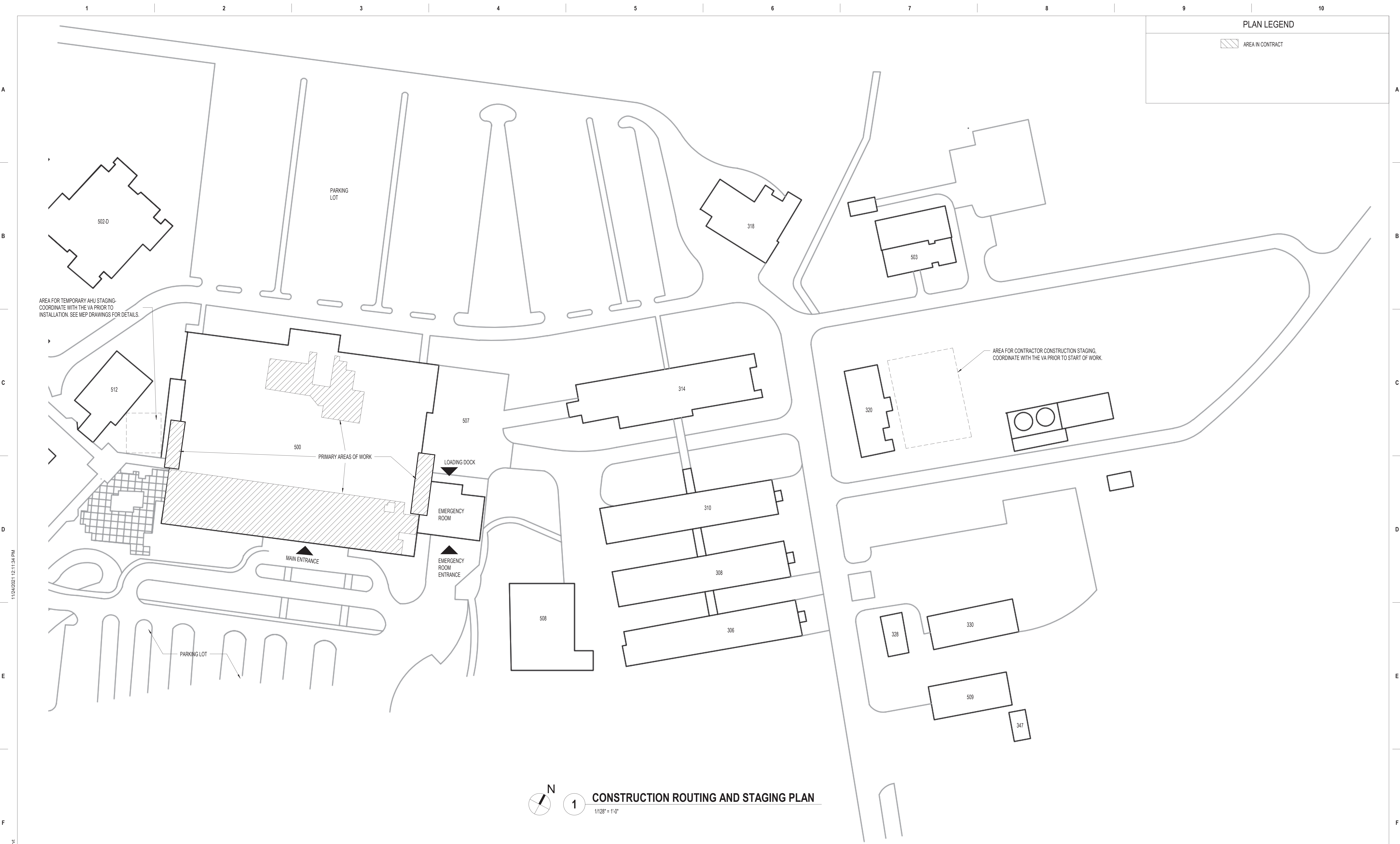
VA CONTRACT NO: 36C24519C0171

Project Title	RENOVATE/UPGRADE NFS KITCHEN - BUILDING 500 BASEMENT
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**Location**  
510 BUTLER AVENUE, MARTINSBURG, WV 25405

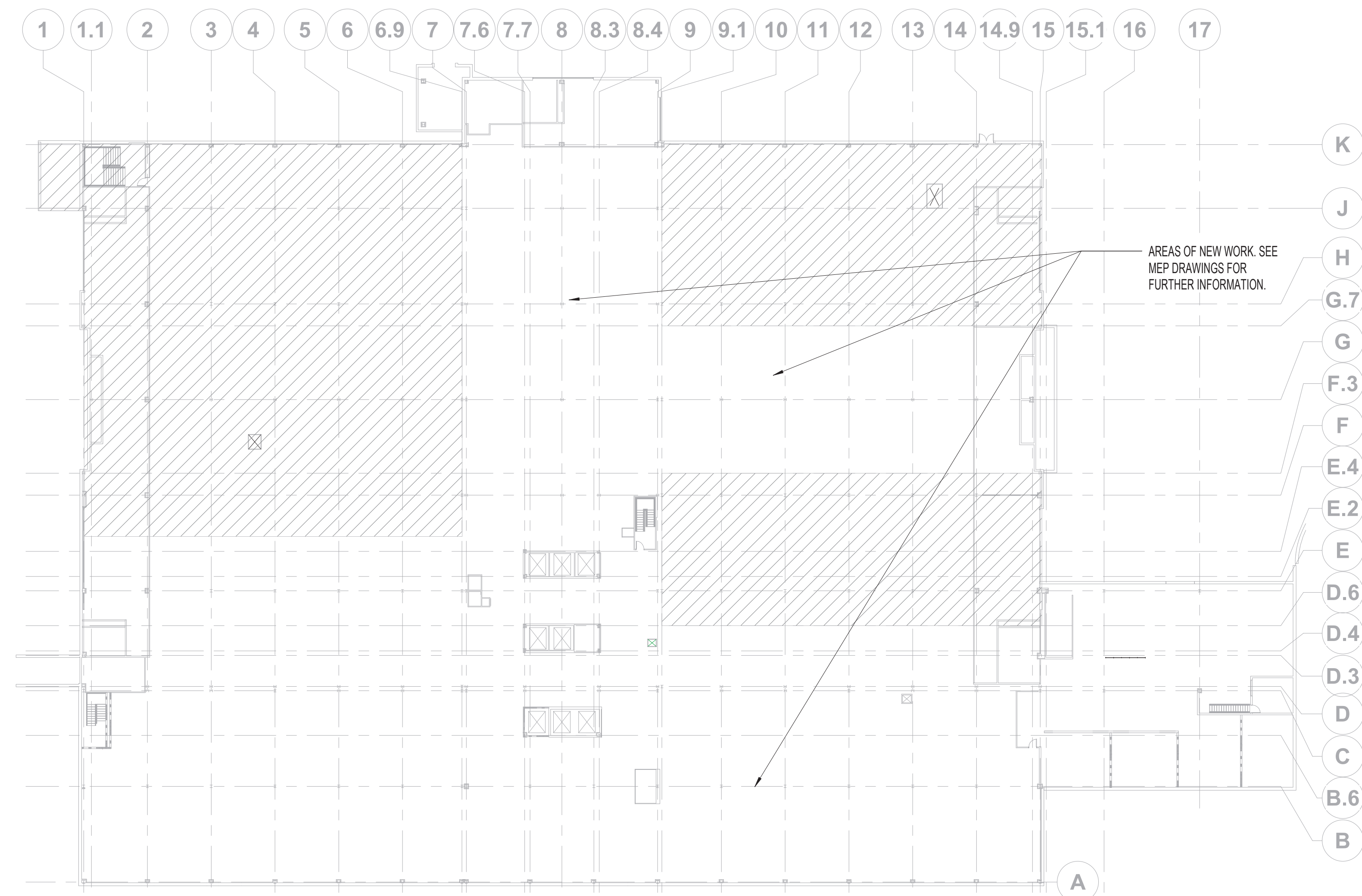
Issue Date	Checked	Drawn	GI403





11/24/2021 12:11:34 PM		VA FORM 08-6231	
<div>BID DOCUMENTS SUBMITTAL</div> <div>100% CONSTRUCTION DOCUMENTS SUBMISSION</div> <div>95% CONSTRUCTION DOCUMENTS SUBMISSION</div> <div>60% DESIGN DEVELOPMENT SUBMISSION</div> <div>30% SCHEMATIC DESIGN SUBMISSION</div> <div>Revisions:</div>		<div>CONSULTANT</div> <div>ARCHITECT/ENGINEER OF RECORD</div> <div><div><div><div><div></div><div>Bancroft</div></div><div>BANCROFT ARCHITECTS + ENGINEERS</div></div><div>700 Nicholas Blvd, Suite 300 Elk Grove Village, IL 60007 T: 847.952.9362 F: 847.952.9403 www.bancroft-ae.com</div></div></div> <div><div>Office of Construction and Facilities Management</div><div>VAU.S. Department of Veterans Affairs</div></div> <div><div>Drawing Title</div><div>GENERAL - CONSTRUCTION ROUTING AND STAGING PLANS</div><div>Approved: Project Director</div></div> <div><div>Phase</div><div>BID DOCUMENTS SUBMITTAL</div><div>FULLY SPRINKLERED</div></div> <div><div>Project Title</div><div>RENOVATE/UPGRADE NFS KITCHEN - BUILDING 500 BASEMENT</div><div>Location</div><div>510 BUTLER AVENUE, MARTINSBURG, WV 25405</div><div>Issue Date</div><div>11/24/21</div><div>Checked</div><div>II</div><div>Drawn</div><div>DM/KA</div></div> <div><div>Project Number</div><div>613-19-103</div><div>Building Number</div><div>500</div><div>Drawing Number</div><div>GC101</div></div>	





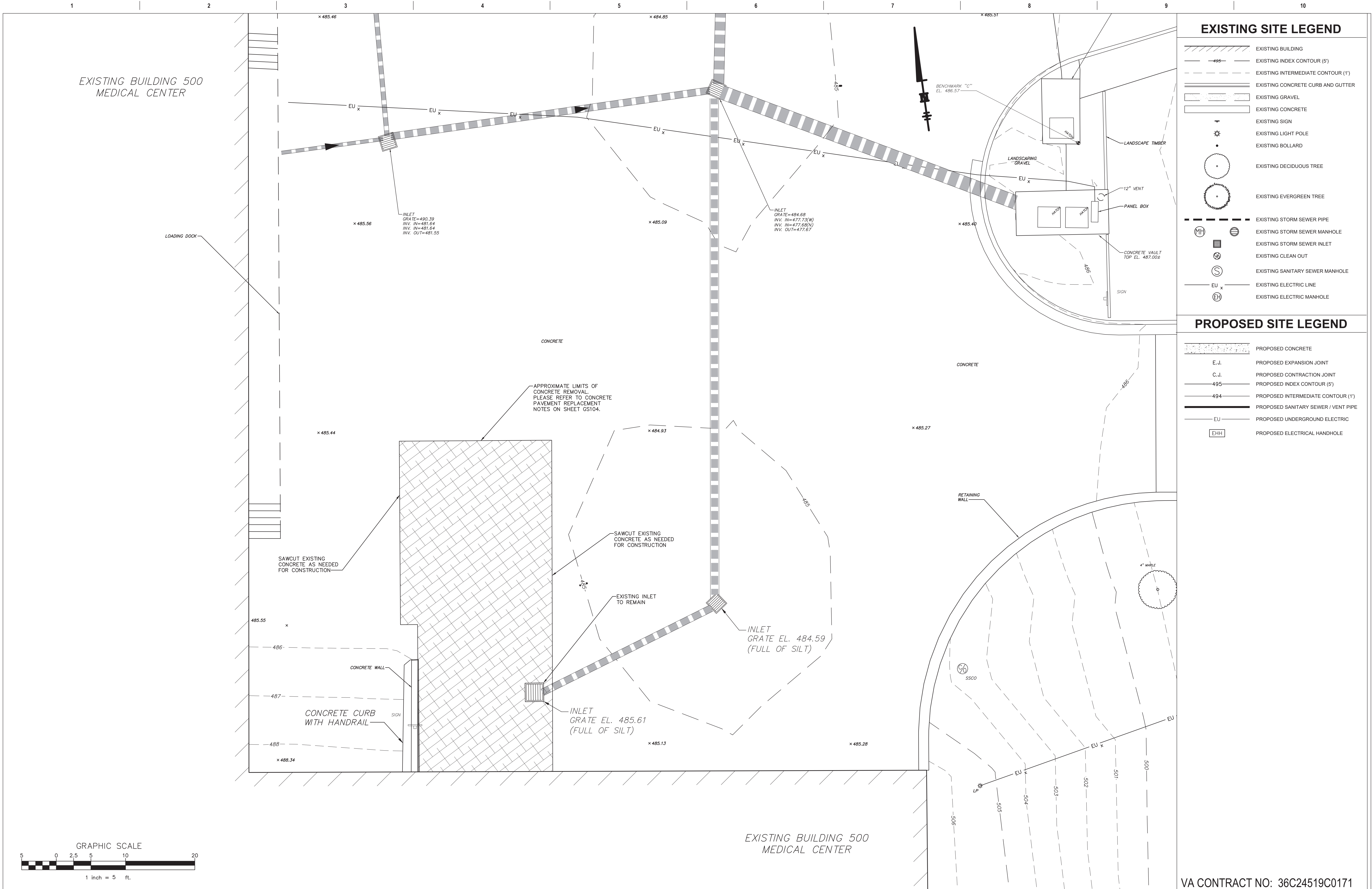
 **2 INTERSTITIAL BASEMENT FLOOR**  
1/32" = 1'-0"

**3** **ROOF PLAN**  
1/32" = 1'-0"

[illegible]



G:\20080\Kitchen Project\20080\_05101.dwg 11-24-21 09:00:05 AM kbeldin



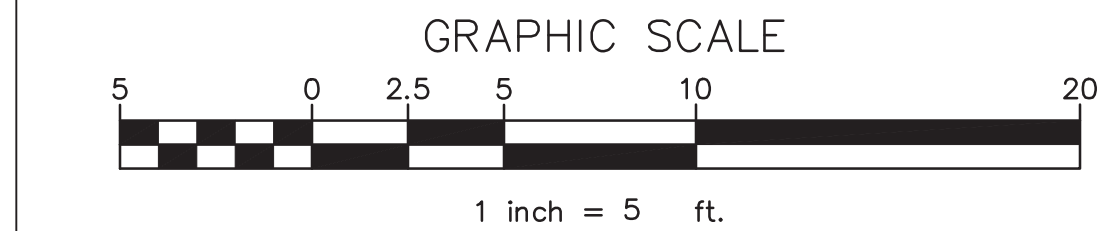
### EXISTING SITE LEGEND




- EXISTING BUILDING
- EXISTING INDEX CONTOUR (5')
- EXISTING INTERMEDIATE CONTOUR (1')
- EXISTING CONCRETE CURB AND GUTTER
- EXISTING GRAVEL
- EXISTING CONCRETE
- EXISTING SIGN
- EXISTING LIGHT POLE
- EXISTING BOLLARD
- EXISTING DECIDUOUS TREE
- EXISTING EVERGREEN TREE
- EXISTING STORM SEWER PIPE
- EXISTING STORM SEWER MANHOLE
- EXISTING STORM SEWER INLET
- EXISTING CLEAN OUT
- EXISTING SANITARY SEWER MANHOLE
- EXISTING ELECTRIC LINE
- EXISTING ELECTRIC MANHOLE

### PROPOSED SITE LEGEND

- PROPOSED CONCRETE
- PROPOSED EXPANSION JOINT
- PROPOSED CONTRACTION JOINT
- PROPOSED INDEX CONTOUR (5')
- PROPOSED INTERMEDIATE CONTOUR (1')
- PROPOSED SANITARY SEWER / VENT PIPE
- PROPOSED UNDERGROUND ELECTRIC
- PROPOSED ELECTRICAL HANDHOLE

VA CONTRACT NO: 36C24519C0171



		CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP		Office of Construction and Facilities Management		Drawing Title EXISTING SITE AND DEMOLITION PLAN		Phase BID DOCUMENTS SUBMITTAL		Project Title RENOVATE/UPGRADE NFS KITCHEN - BUILDING 500 BASEMENT		Project Number 613-19-103	
								<div>VA</div> <div>U.S. Department of Veterans Affairs</div>		Approved: Project Director		FULLY SPRINKLERED		Location 510 BUTLER AVENUE, MARTINSBURG, WV 25405		Drawing Number <b>GS101</b>	
BID DOCUMENTS SUBMITTAL		11.24.2021		700 Nicholas Bk. d. Suite 300 Elk Grove Village, IL 60007 T: 847.992.9362 F: 847.992.9403 www.bancroft-ae.com Bancroft-AE Project No. 18-133													
100% CONSTRUCTION DOCUMENTS SUBMISSION		04.05.2021															
95% CONSTRUCTION DOCUMENTS SUBMISSION		02.12.2021															
60% DESIGN DEVELOPMENT SUBMISSION		09.11.2020															
30% SCHEMATIC DESIGN SUBMISSION		05.24.2020															
Revisions:		Date:															





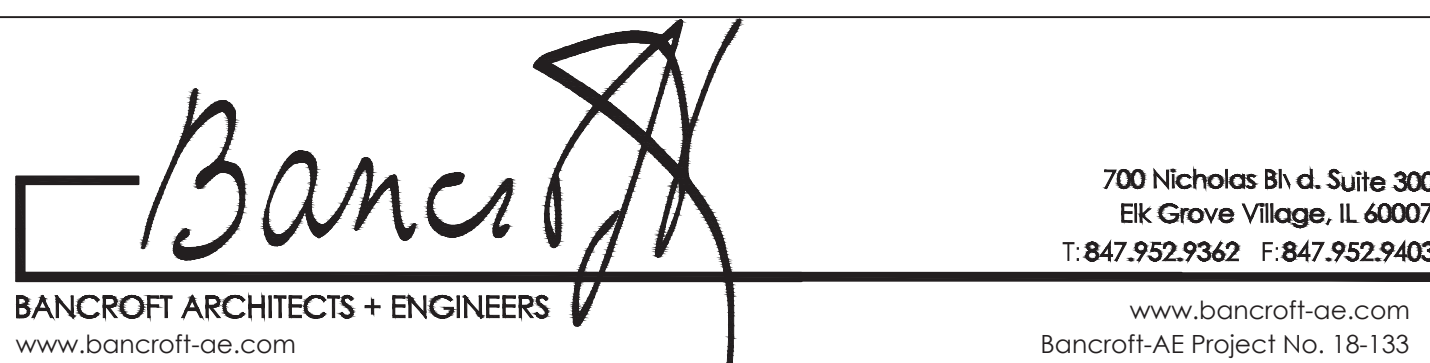


BID DOCUMENTS SUBMITTAL	11.24.2021
100% CONSTRUCTION DOCUMENTS SUBMISSION	04.05.2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02.12.2021
60% DESIGN DEVELOPMENT SUBMISSION	09.11.2020
30% SCHEMATIC DESIGN SUBMISSION	05.24.2020
Revisions:	Date:

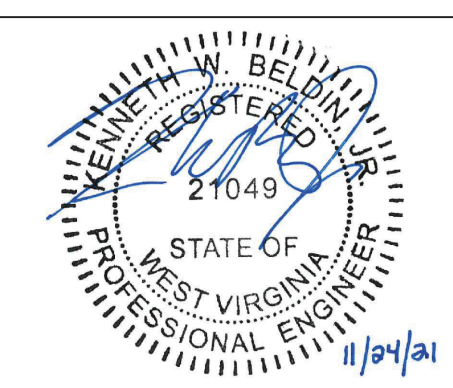
CONSULTANT



ARCHITECT/ENGINEER OF RECORD



STAMP



Office of  
Construction  
and Facilities  
Management



Drawing Title

GREASE INTERCEPTOR  
PROFILE, NOTES AND DETAIL

Approved: Project Director

Phase

BID DOCUMENTS  
SUBMITTAL

FULLY SPRINKLERED

VA CONTRACT NO: 36C24519C0171

Project Title

RENOVATE/UPGRADE NFS KITCHEN  
- BUILDING 500 BASEMENT

Location

510 BUTLER AVENUE, MARTINSBURG, WV 25405

Issue Date

11/24/21

Checked

KWB

Drawn

DLK

Project Number

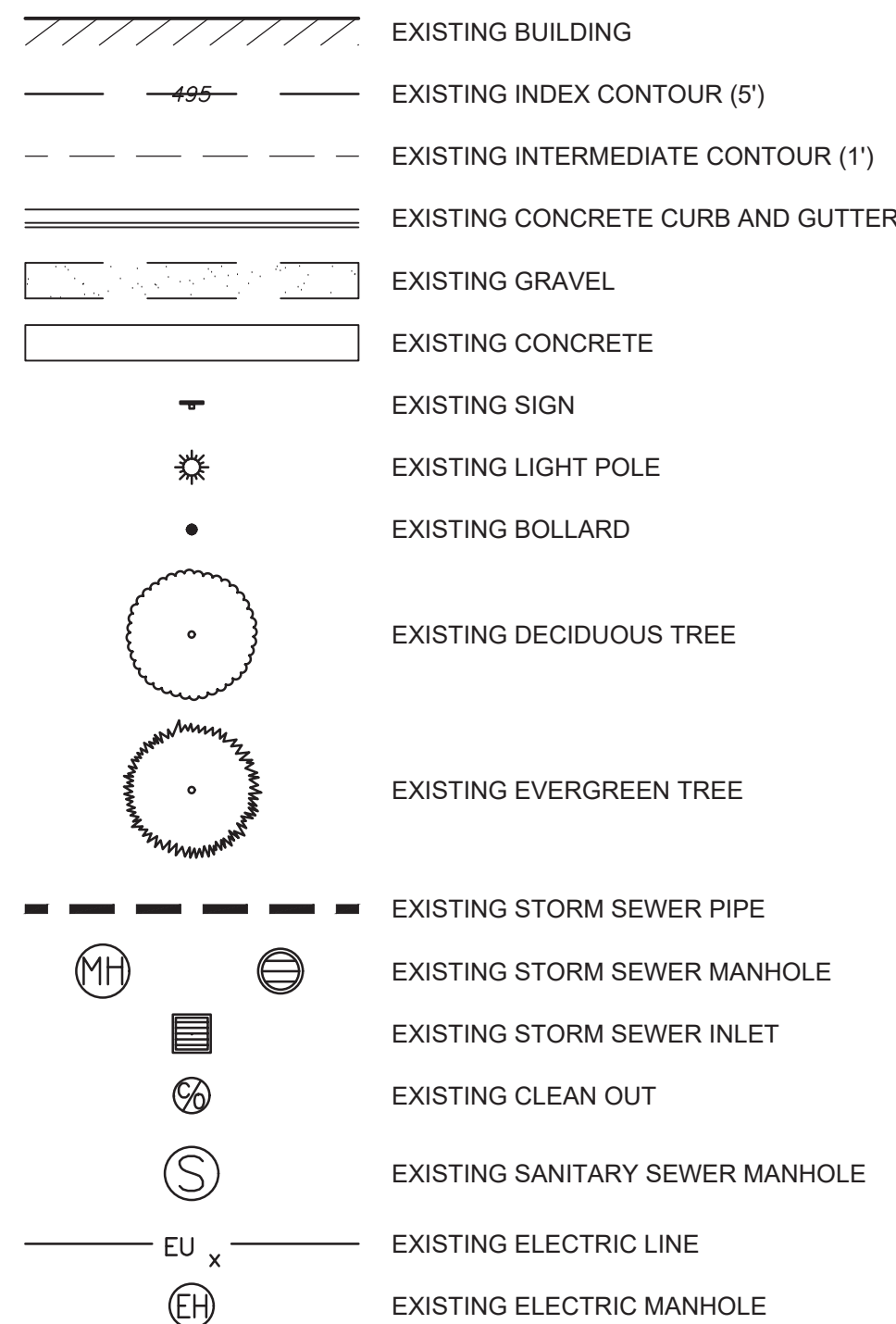
613-19-103

Building Number  
500

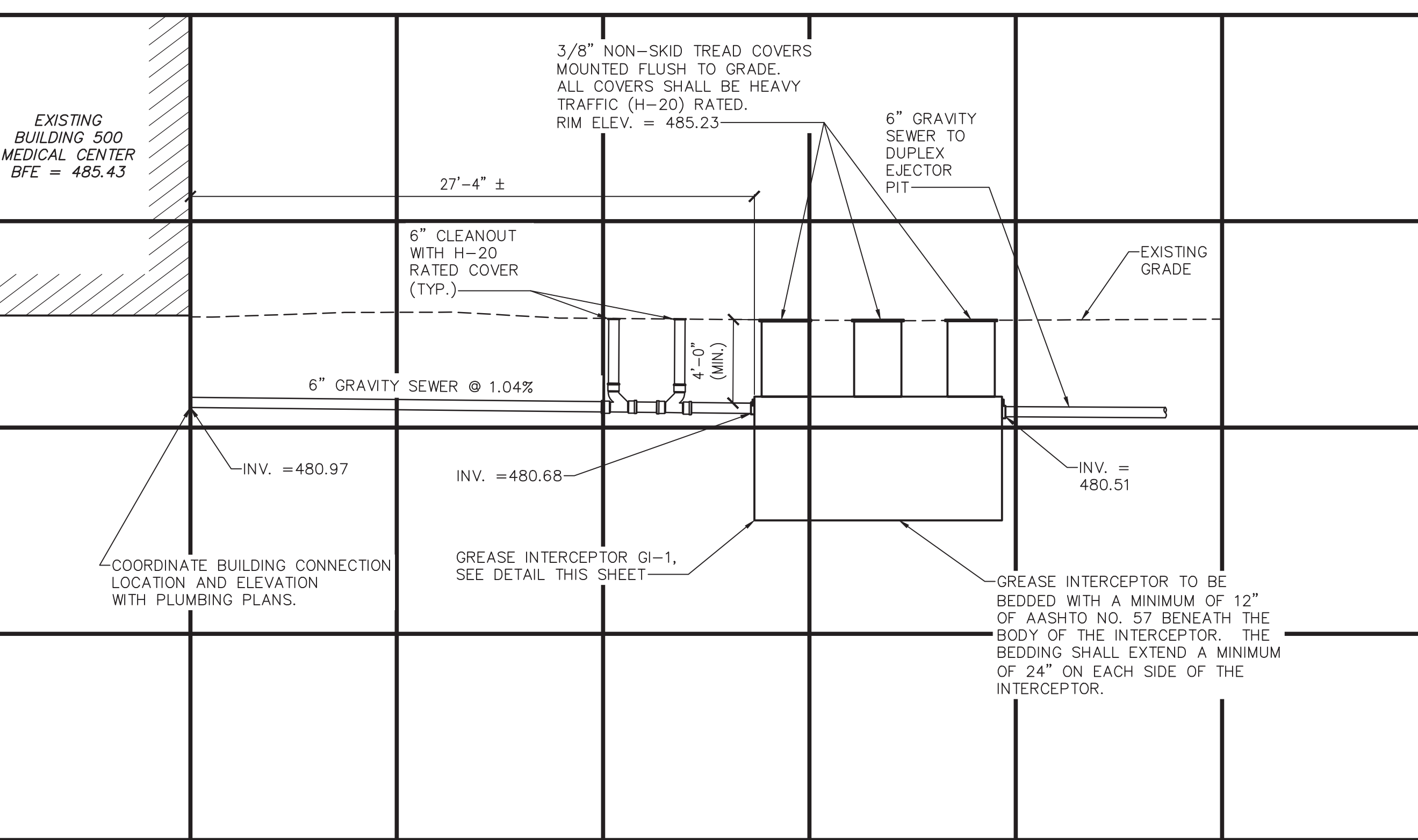
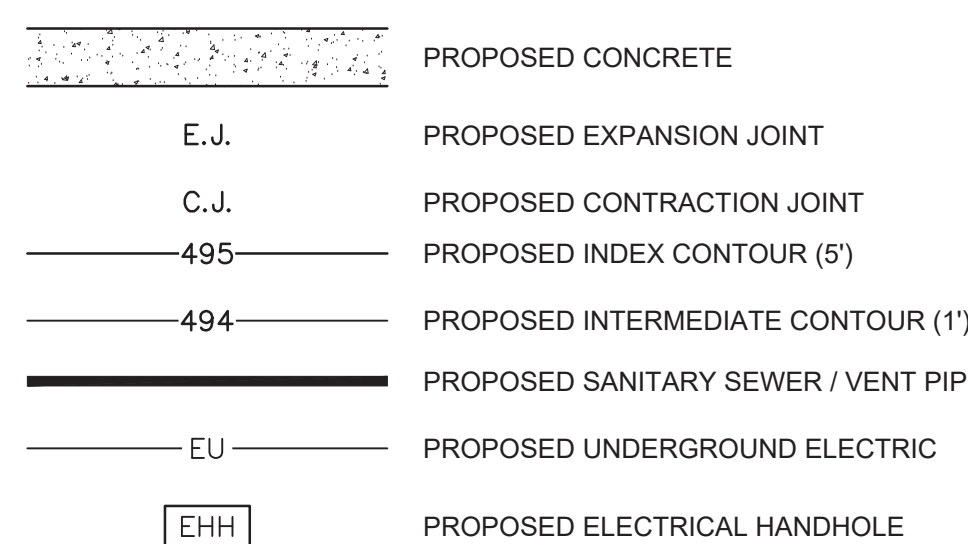
Drawing Number

GS103

EXISTING SITE LEGEND



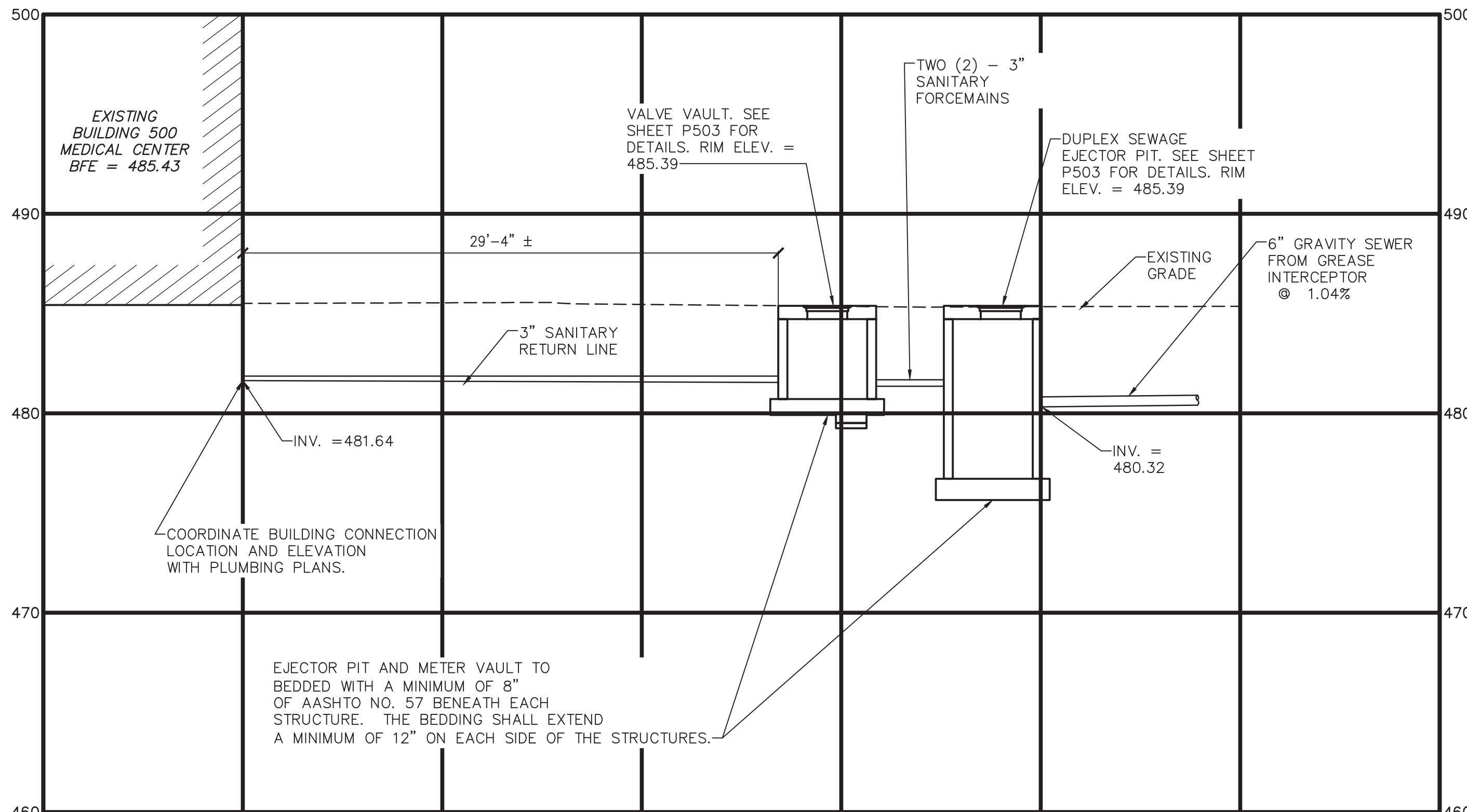
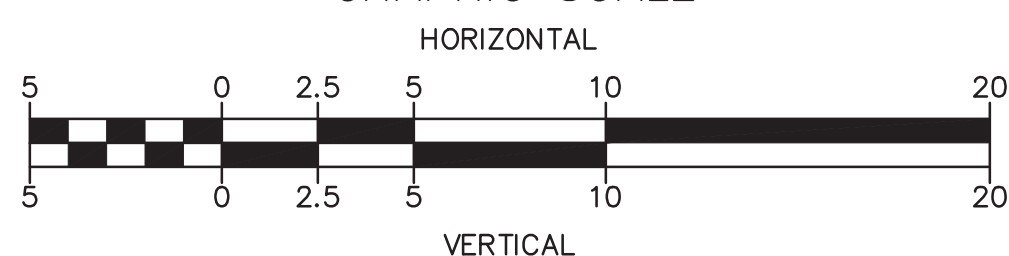
PROPOSED SITE LEGEND



GREASE INTERCEPTOR PROFILE NOTES:

1. VENT LINES AND CONDUITS NOT SHOWN FOR CLARITY.
2. MINIMUM DEPTH OF COVER OVER ANY PIPE OR CONDUIT SHALL BE 4'-0"
3. COORDINATE BUILDING CONNECTION LOCATION AND ELEVATION WITH ELECTRICAL AND PLUMBING PLANS.
4. MANWAY / CLEANOUT RISERS SHALL BE FABRICATED TO PROVIDE THE NECESSARY DEPTH OF COVER SHOWN ON THE PLANS.

GRAPHIC SCALE



VAULT PROFILE NOTES:

1. VENT LINES AND CONDUITS NOT SHOWN FOR CLARITY.
2. MINIMUM DEPTH OF COVER OVER ANY PIPE OR CONDUIT SHALL BE 4'-0"
3. COORDINATE BUILDING CONNECTION LOCATION AND ELEVATION WITH ELECTRICAL AND PLUMBING PLANS.
4. WALL AND SLAB THICKNESS FOR THE METER VAULT AND EJECTOR PIT ARE TO BE DETERMINED BY PRECAST CONCRETE MANUFACTURER/SUPPLIER. THE DIMENSIONS SHOWN ARE ASSUMED AND USED FOR LAYOUT DIMENSIONS.
5. STRUCTURAL DESIGN OF THE METER VAULT AND EJECTOR PIT SHALL BE BY THE MANUFACTURER, INCLUDING PRECAST TOP SLAB AND CONCRETE BASE. UPLIFT RESISTANCE DUE TO POSSIBILITY OF HIGH GROUNDWATER AND EMPTY TANK SHALL BE ACCOUNTED FOR DURING DESIGN CONSIDERATIONS USE 2,000 PSF ALLOWABLE SOIL BEARING PRESSURE. TOP SLAB AND WALLS TO BE DESIGNED FOR H-20 LOADING.
6. PRECAST STRUCTURES SHALL BE MANUFACTURED PER ASTM C-478, WITH A MINIMUM COMPRESSIVE STRENGTH OF 5,000 PSI AT 28 DAYS.

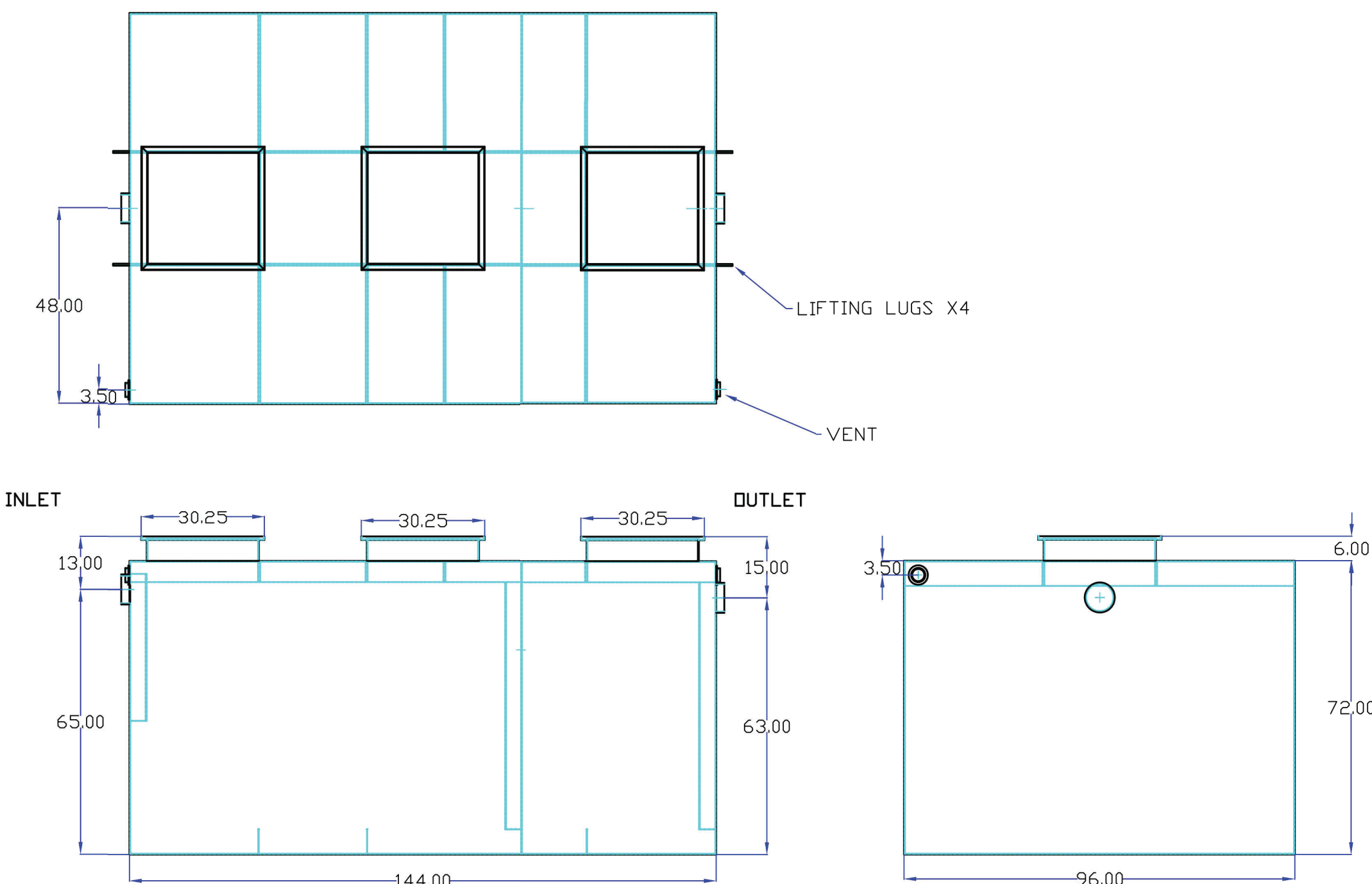
GENERAL NOTES:

1. THE VAMC MARTINSBURG MASTER UTILITY PLAN HAS IDENTIFIED A POTENTIAL UNDERGROUND STORAGE TANK IN THE VICINITY OF THE IMPROVEMENTS SHOWN ON THIS PLAN. NO INDICATORS SUCH AS VENT PIPING, CLEANOUTS, ETC. WERE ENCOUNTERED DURING THE FIELD SURVEY. IT IS EXPRESSLY STATED THAT INFORMATION CONCERNING EXISTING FACILITIES AND SUBSURFACE CONDITIONS SHOWN ON THESE DRAWINGS WAS OBTAINED FROM DESIGN/RECORD DRAWINGS AND FIELD SURVEYS AND MAY NOT REPRESENT CONDITIONS EXACTLY AS THEY EXIST AT THE PRESENT. THE FACILITIES ARE DEPICTED BASED UPON THE BEST AVAILABLE KNOWLEDGE AT THE TIME OF PLAN DRAWING PREPARATION. WHEN THE INFORMATION PRESENTED HERE IS USED BY THE CONTRACTOR IN THE DEMOLITION, MODIFICATION OR CONSTRUCTION OF THE WORK, ACCURACY AND/OR COMPLETENESS OF THE INFORMATION IS NOT GUARANTEED OR WARRANTED BY THE ENGINEER OR ANY AGENT THEREOF. THE CONTRACTOR SHALL REVIEW THE DRAWINGS PERTAINING TO EXISTING FACILITIES AND PERFORM THE NECESSARY ONSITE INSPECTIONS TO DEVELOP A FULL UNDERSTANDING OF THE SCOPE OF THE WORK. ANY DEVIATIONS FROM THE INFORMATION DEPICTED ON THE DRAWINGS, FOUND DURING CONSTRUCTION, WILL NOT BE THE BASIS OF A CLAIM FOR ADDITIONAL COMPENSATION.
2. THE CONTRACTOR IS ADVISED OF THE EXISTENCE OF UNDERGROUND WATERLINES, STORAGE TANKS, SANITARY SEWERS, GAS LINES, SERVICE LINES, ELECTRIC AND TELEPHONE, AND OTHER UTILITIES. THE HORIZONTAL AND VERTICAL ALIGNMENTS ARE SHOWN ON THE DRAWINGS FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR IS ADVISED THAT PRIOR TO ANY EARTH DISTURBANCE ACTIVITIES, THEY SHALL PERFORM EXPLORATORY EXCAVATIONS TO DETERMINE SAID LOCATIONS. IF CONFLICTS OCCUR WITH EXISTING UTILITIES, THE CONTRACTOR SHALL NOTIFY THE COR AND A/E OF SAID CONFLICTS IMMEDIATELY. THE CONTRACTOR SHALL ADJUST THE LOCATION OF THE PROPOSED PIPING AND STRUCTURES AS COORDINATED AND APPROVED BY THE COR AND A/E. THE CONTRACTOR SHALL UNDERSTAND THAT NO SEPARATE PAYMENT SHALL BE MADE FOR THE REQUIRED EXPLORATORY EXCAVATIONS OR SUBSEQUENT ADJUSTMENTS REQUIRED. IN ADDITION, THE CONTRACTOR SHALL REPAIR ALL UTILITIES DAMAGED DURING THE COURSE OF CONSTRUCTION TO THE SATISFACTION OF THE VA. THE CONTRACTOR SHALL ENSURE THE MAINTENANCE OF ALL UTILITY SERVICES AND LIMIT SHUTDOWNS, IF REQUIRED, TO A MINIMUM. NO SEPARATE PAYMENTS SHALL BE MADE FOR SAID UTILITY REPAIRS AND SERVICE MAINTENANCE.
3. CONTRACTOR SHALL DESIGN, FURNISH AND INSTALL STEEL SHEET PILING OR OTHER EARTH RETAINING SYSTEM: DEPTH, TYPE, SIZE AND METHOD AS NEEDED TO COMPLETE CONSTRUCTION. CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT/SHORING AS NEEDED. THE LOADING AREA IS TO REMAIN OPERATIONAL DURING THE DURATION CONSTRUCTION AND THE MAINTENANCE OF THE STABILITY OF EXISTING STRUCTURES AND UTILITIES THROUGHOUT THE DURATION OF CONSTRUCTION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
4. THE CONTRACTOR WILL, AT ALL TIMES THROUGHOUT THE WORK, COOPERATE FULLY WITH THE COR IN PERMITTING ALL NECESSARY OPERATIONS OF THE MEDICAL CENTER TO PROCEED UNIMPEDED BY THE CONTRACTOR'S OPERATIONS.
5. SERVICE OUTAGES WILL BE KEPT TO THE MINIMUM EXTENT PRACTICABLE. THE CONTRACTOR WILL MAINTAIN A RECORD OF THE DATE, TIME, AND DURATION OF ALL OUTAGES THROUGHOUT THE PERFORMANCE OF THE WORK. IN NO EVENT WILL ANY SERVICE BE PERMITTED TO BE CURTAILED DURING NONWORKING HOURS, OVERNIGHT OR OVER WEEKENDS OR HOLIDAYS, UNLESS SPECIFICALLY APPROVED AND PLANNED IN ADVANCE. ALL MATERIALS NECESSARY TO INSTALL THE WORK NECESSITATING THE OUTAGE MUST BE ON SITE AND READY FOR INSTALLATION BEFORE NOTIFYING THE COR OF THE ANTICIPATED SHUTDOWN.
6. THE CONTRACTOR WILL PLAN, COORDINATE AND SEQUENCE THEIR WORK IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH HEREIN AND TO MEET THE NEEDS OF THE MEDICAL CENTER. THE VA RESERVES THE RIGHT TO COORDINATE THE SEQUENCING OF WORK ELEMENTS IN WHOLE OR IN PART AS THE JOB CONDITIONS MAY REQUIRE.
7. THE CONTRACTOR WILL NOTE THAT THE WORK MAY INVOLVE MODIFICATIONS TO AND THE DEMOLITION OF EXISTING FACILITIES AND STRUCTURES WHICH, DUE TO THE NATURE OF THE VARIOUS ITEMS OF THE WORK, MUST BE COMPLETED, IN SOME INSTANCES, IN SEQUENCE WITH ONE ANOTHER DUE TO THE PHYSICAL REQUIREMENTS OF THE WORK OR THE OPERATIONAL NEEDS OF THE MEDICAL CENTER.
8. THE CONTRACTOR MUST AT ALL TIMES COORDINATE ITS WORK SCHEDULE, AND SEQUENCING THROUGH THE COR TO AVOID INTERFERENCE WITH NECESSARY OPERATIONS. IT IS ANTICIPATED THAT MAJOR ALTERATIONS OR ADJUSTMENTS TO THE SEQUENCING AND SCHEDULING OF THE WORK WILL BE PLANNED IN ADVANCE.
9. HORIZONTAL CONTROLS ARE REFERENCED TO THE WEST VIRGINIA STATE PLANE (NAD 83), NORTH ZONE. VERTICAL CONTROLS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

GREASE INTERCEPTOR GENERAL NOTES:

1. GREASE INTERCEPTOR SHALL BE AN ALL WELDED STEEL GREASE INTERCEPTOR WITH MINIMUM 3,500 GALLON CAPACITY, 17,460 LBS. GREASE SLUDGE CAPACITY, ROCKFORD SANITARY SYSTEMS, INC. MODEL RGI-3500 OR EQUAL.
2. INTERCEPTOR SHALL HAVE 6" DIA. THREADED INFLUENT AND EFFLUENT CONNECTIONS AND 3" DIA. VENT CONNECTIONS.
3. MANWAY / CLEANOUT COVERS SHALL HAVE REMOVABLE 3/8" NON-SKID TREAD COVERS THAT ARE TO BE MOUNTED FLUSH TO GRADE. THE COVERS SHALL BE CAPABLE OF SUPPORTING HEAVY TRAFFIC (H-20) LOADINGS SECURED WITH STAINLESS STEEL FLAT HEAD SCREWS, HEAVY DUTY LEAK PROOF GASKET AND WITH BITUMINOUS OUTSIDE COATING.
4. GREASE INTERCEPTOR SHALL BE STORED AND INSTALLED FOLLOWING ALL MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.

1 GREASE INTERCEPTOR DETAIL  
NTS

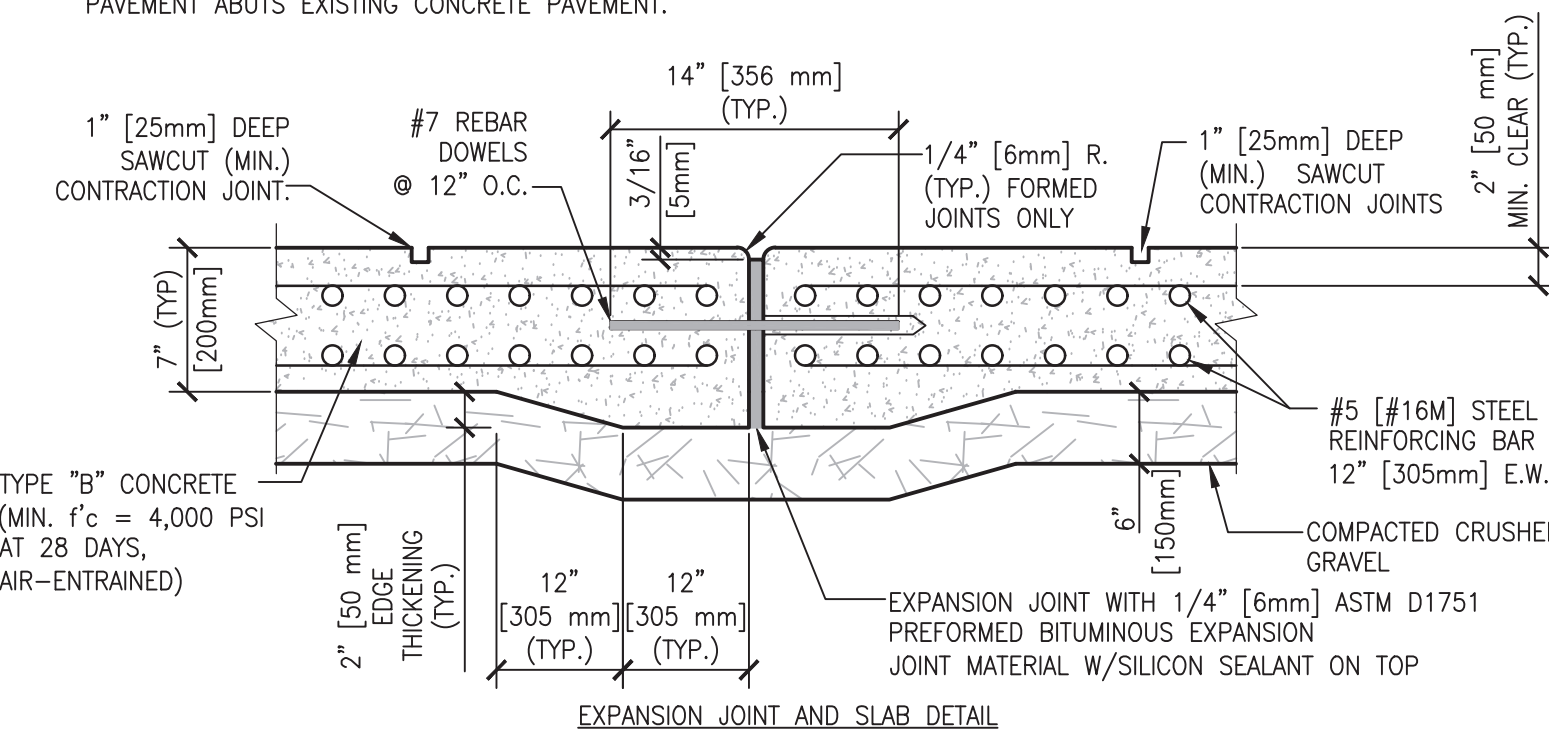




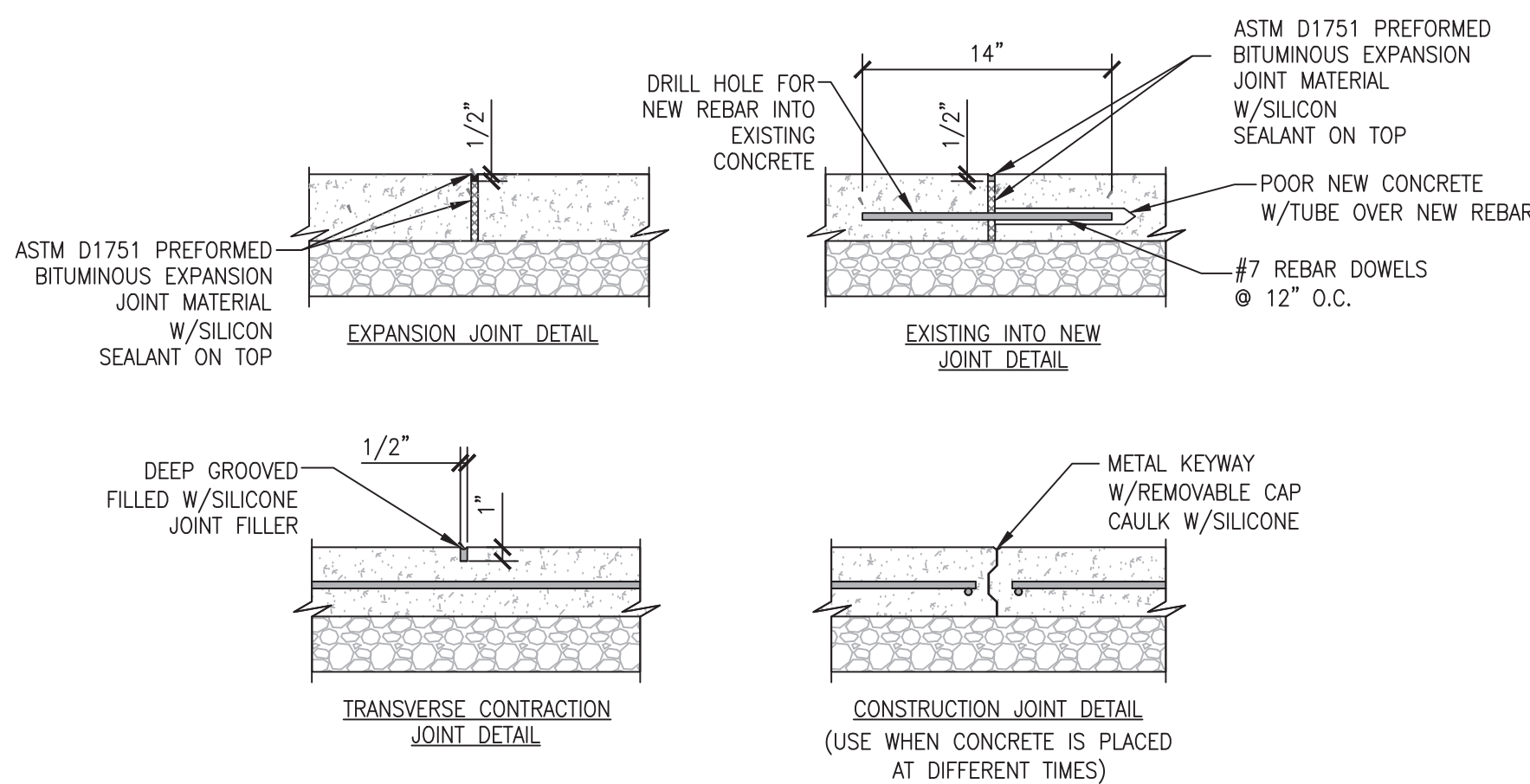
G:\20080\Kitchen Project\20080\_05104.dwg 11-24-21 09:00:39 AM kbeldn

NOTES:

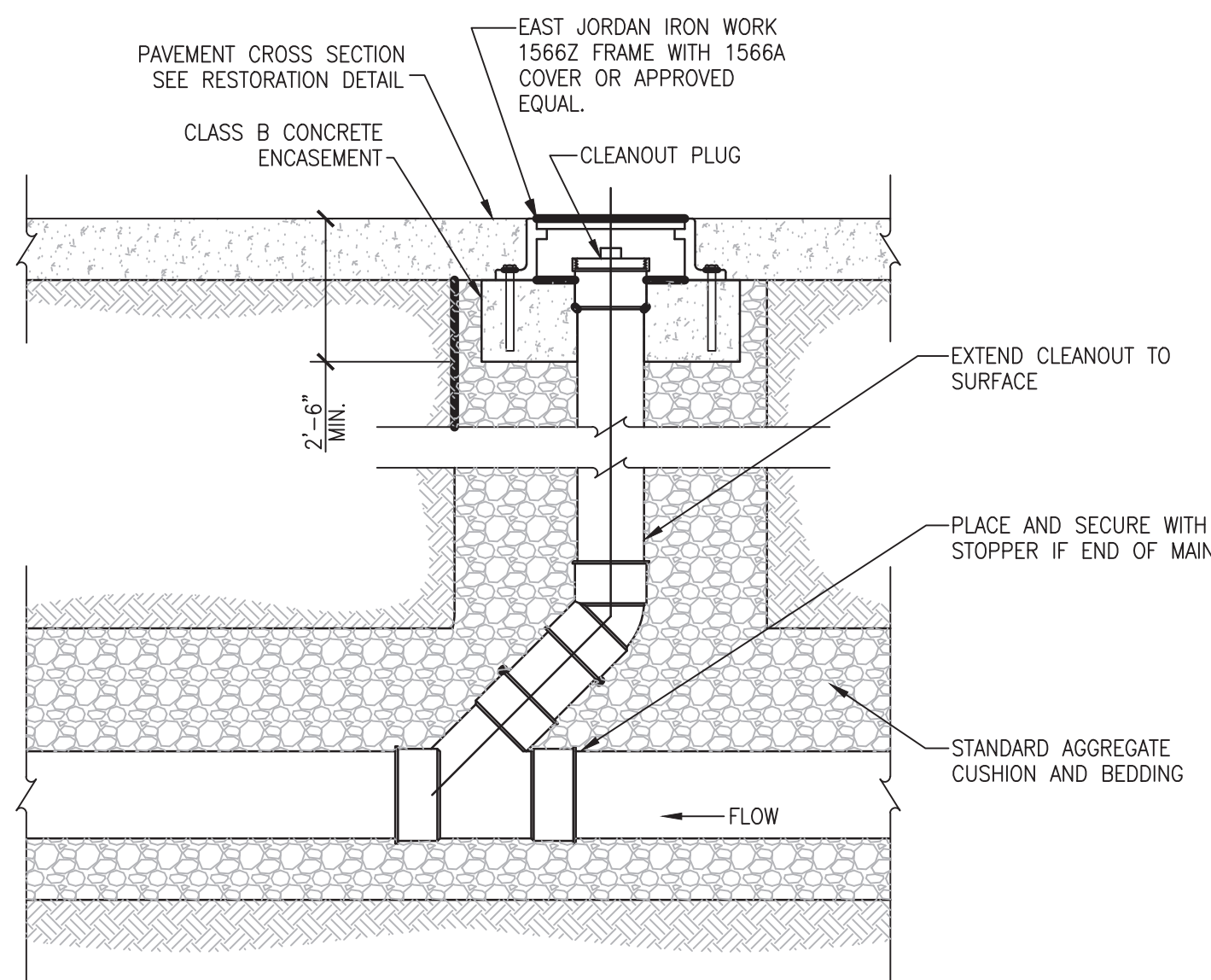
- EXPANSION JOINTS SHALL BE LOCATED WHERE CONCRETE ABUTS CONCRETE DRIVEWAYS, CURB OR OTHER ADJACENT STRUCTURES.
- ONE-HALF INCH BITUMINOUS JOINT FILLER SHALL BE INSTALLED AT EXPANSION JOINT LOCATIONS AND SHALL EXTEND THE FULL DEPTH OF THE CONCRETE.
- 1" [25mm] DEEP CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS INDICATED ON THE PLANS.
- THE PANEL LENGTHS INDICATED ON THE PLANS ARE APPROXIMATE AND BASED UPON THE BEST AVAILABLE INFORMATION. PANEL LENGTHS AND DIMENSIONS MUST BE FIELD VERIFIED TO THE NEAREST EXISTING JOINT AND ANY DEVIATION FROM THE LENGTHS AND WIDTHS INDICATED ON THE PLANS SHALL BE CONFIRMED BY THE COR AND PROJECT A/E BEFORE INSTALLATION.
- EDGE THICKENING SHALL BE PROVIDED AT ALL EXPANSION JOINTS AND AREAS WHERE THE PROPOSED CONCRETE PAVEMENT ABUTS EXISTING CONCRETE PAVEMENT.



1 CONCRETE PAVEMENT REPAIR DETAIL  
NTS

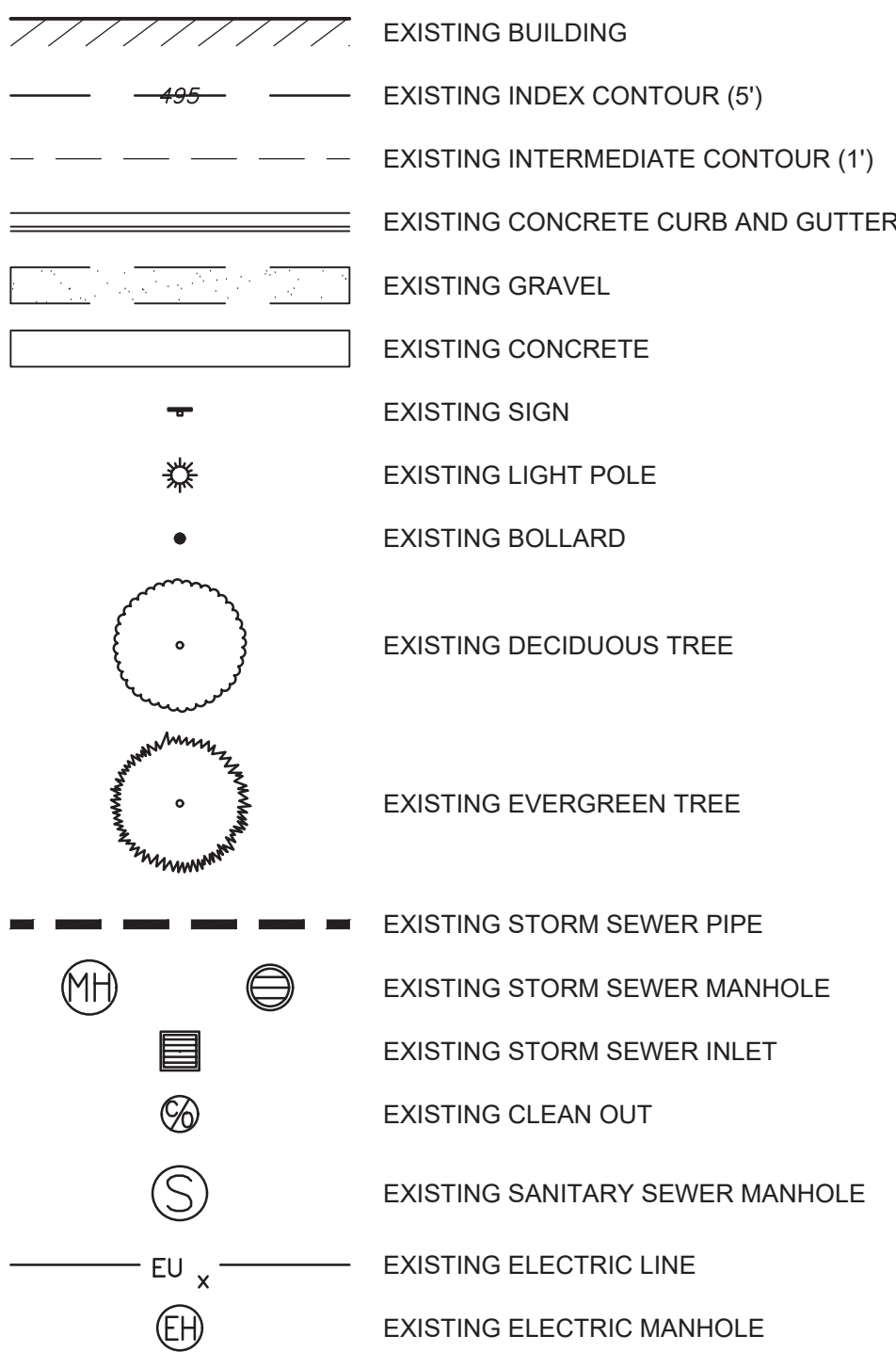


2 CONCRETE JOINTING DETAILS  
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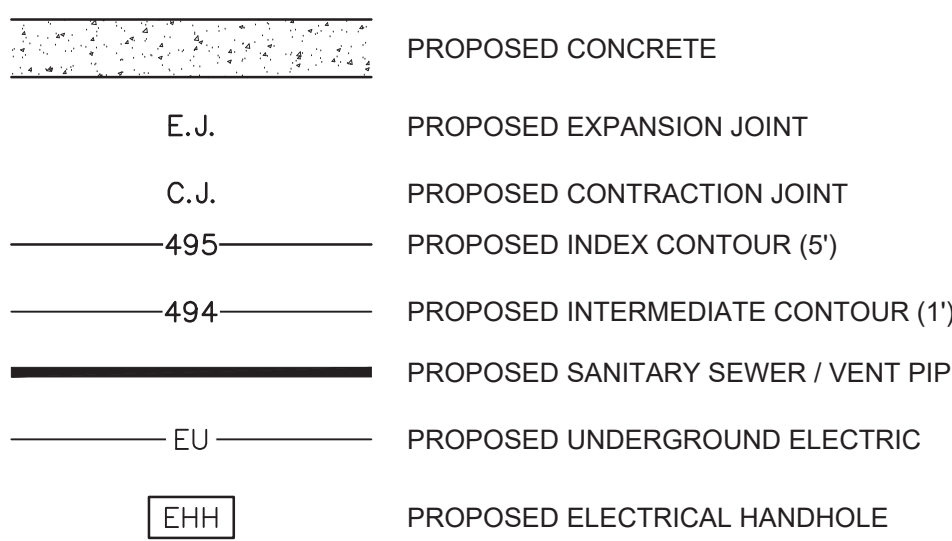


3 CLEANOUT DETAIL  
NTS

EXISTING SITE LEGEND



PROPOSED SITE LEGEND



VA CONTRACT NO: 36C24519C0171

BID DOCUMENTS SUBMITTAL	11.24.2021
100% CONSTRUCTION DOCUMENTS SUBMISSION	04.05.2021
95% CONSTRUCTION DOCUMENTS SUBMISSION	02.12.2021
60% DESIGN DEVELOPMENT SUBMISSION	09.11.2020
30% SCHEMATIC DESIGN SUBMISSION	05.24.2020
Revisions:	Date:

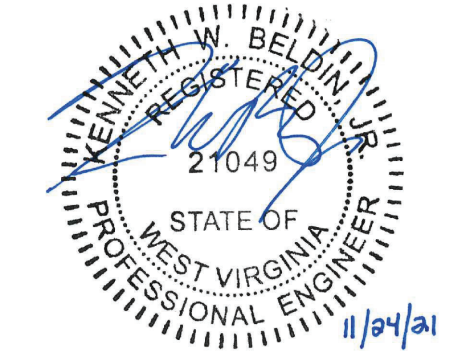
CONSULTANT



ARCHITECT/ENGINEER OF RECORD



STAMP



Office of  
Construction  
and Facilities  
Management



Drawing Title  
CONCRETE PAVEMENT  
RESTORATION NOTES  
AND DETAILS

Approved: Project Director

Phase

BID DOCUMENTS  
SUBMITTAL

FULLY SPRINKLERED

Project Title

RENOVATE/UPGRADE NFS KITCHEN  
- BUILDING 500 BASEMENT

Location

510 BUTLER AVENUE, MARTINSBURG, WV 25405

Issue Date

11/24/21

Checked

KWB

Drawn

DLK

Project Number

613-19-103  
Building Number  
500

Drawing Number

GS104