VA | U.S. Department of Veterans Affairs

ISSUE FOR BID
August 9, 2024

PROJECT LOCATION:
BUFFALO VA MEDICAL CENTER

3495 BAILEY AVENUE, BUFFALO, NY 14215

PROJECT TITLE:
PARKING RAMP EXPANSION

BUILDING NUMBER:
29

ARCHITECTS + ENGINEERS:
BANCROFT ARCHITECTS + ENGINEERS

3300 DUNDEE RD.
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1533 CRESCENT ROAD
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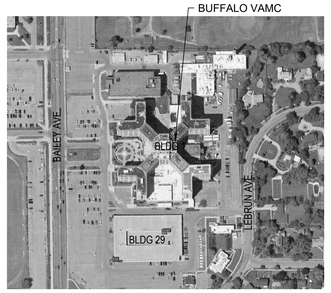
PROJECT NUMBERS:

CONTRACT NUMBER:	36C24222C0022
STATION PROJECT NUMBER:	528-18-375
BANCROFT-AE PROJECT NUMBER:	21-113



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AERIAL MAP
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REGIONAL MAP
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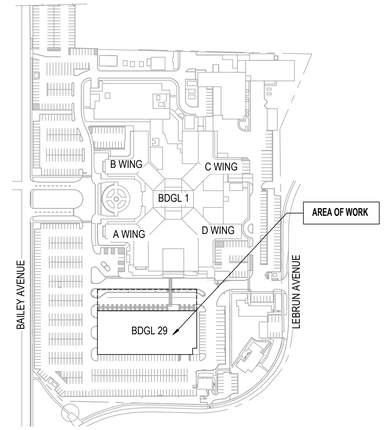

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CAMPUS SITE MAP
NOT TO SCALE

PROFESSIONAL SEALS

ARCHITECT

ELECTRICAL

CIVIL

PLUMBING

STRUCTURAL

MECHANICAL

TELECOMMUNICATIONS

ISSUE FOR BID	08-09-2024
Revisions:	Date:

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STAMP

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

Drawing Title: GENERAL - COVER SHEET	Phase: ISSUE FOR BID	Project Title: PARKING RAMP EXPANSION	Project Number: 528-18-375
Approved: Project Director		Location: 3495 BAILEY AVE., BUFFALO, NY 14215	Building Number: 29
		Issue Date: 08-09-2024 / Checked: CZ / Drawn: II	Drawing Number: G001

VA FORM 08 - 6231

SHEET INDEX

● First time the sheet is being issued. Dated with the most current date

SHEET #	SHEET NAME	DRAWN BY	IFB
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G001	GENERAL - COVER SHEET	BAE	●
G002	GENERAL - SHEET INDEX	BAE	●
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GI002	GENERAL - PROTECTION PROTOCOL, SCOPE OF WORK, DEDUCT ALTERNATES	BAE	●
GI003	GENERAL - GENERAL DEMOLITION NOTES	BAE	●
GI100	GENERAL - CODE AND BUILDING INFORMATION	BAE	●
GI200	GENERAL - LIFE SAFETY PLANS	BAE	●
GC200	GENERAL - SEQUENCE OF WORK PLAN - SEQUENCE A	BAE	●
GC201A	GENERAL - SEQUENCE OF WORK PLAN - SEQUENCE B WORKING DAY	BAE	●
GC201B	GENERAL - SEQUENCE OF WORK PLAN - SEQUENCE B AFTER HOURS WORK	BAE	●
GC202	GENERAL - SEQUENCE OF WORK PLAN - SEQUENCE C	BAE	●
GC301	GENERAL - INFECTION CONTROL - SAMPLE PCRA & ILSM FORMS	BAE	●
GC302	GENERAL - INFECTION CONTROL - SAMPLE PCRA & ILSM FORMS	BAE	●
GC303	GENERAL - INFECTION CONTROL - SAMPLE PCRA & ILSM FORMS	BAE	●
GC304	GENERAL - INFECTION CONTROL - SAMPLE PCRA & ILSM FORMS	BAE	●
GC305	GENERAL - INFECTION CONTROL - SAMPLE PCRA & ILSM FORMS	BAE	●
GC306	GENERAL - INFECTION CONTROL - SAMPLE PCRA & ILSM FORMS	BAE	●
GC307	GENERAL - INFECTION CONTROL - SAMPLE PCRA & ILSM FORMS	BAE	●
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C100	CIVIL - EXISTING CONDITIONS PLAN	MJ	●
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C120	CIVIL - MATERIALS, SIGNAGE, AND STRIPING PLAN	MJ	●
C130	CIVIL - LAYOUT PLAN	MJ	●
C140	CIVIL - UTILITIES AND EROSION AND SEDIMENT CONTROL PLAN AND PROFILE	MJ	●
C150	CIVIL - GRADING PLAN	MJ	●
C160	CIVIL - LANDSCAPE PLAN	MJ	●
C200	CIVIL - STORM SEWER PROFILES	MJ	●
C500	CIVIL - SITE DETAILS	MJ	●
C501	CIVIL - SITE DETAILS	MJ	●
C502	CIVIL - SITE DETAILS	MJ	●
C503	CIVIL - SITE DETAILS	MJ	●
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SJ003	STRUCTURAL - GENERAL CONSTRUCTION NOTES	DESMAN	●
SJ004	STRUCTURAL - GENERAL CONSTRUCTION NOTES	DESMAN	●
SJ005	STRUCTURAL - TYPICAL GENERAL DETAILS	DESMAN	●
SJ011	STRUCTURAL - DRILLED PIER FOUNDATION DETAILS AND SCHEDULE	DESMAN	●
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SJ111	STRUCTURAL - FOUNDATION SCHEDULE AND DETAILS	DESMAN	●
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SJ204	STRUCTURAL - LEVEL 4 FRAMING PLAN	DESMAN	●
SJ205	STRUCTURAL - LEVEL 5 FRAMING PLAN	DESMAN	●
SJ206	STRUCTURAL - PHOTOVOLTAIC PANEL PLAN	DESMAN	●
SJ301	STRUCTURAL - TYPICAL PRECAST CONCRETE DETAILS	DESMAN	●
SJ302	STRUCTURAL - TYPICAL PRECAST CONCRETE DETAILS	DESMAN	●
SJ303	STRUCTURAL - TYPICAL PRECAST CONCRETE DETAILS	DESMAN	●
SJ304	STRUCTURAL - TYPICAL PRECAST DETAILS	DESMAN	●
SJ311	STRUCTURAL - TYPICAL PRECAST DETAILS	DESMAN	●
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SJ401	STRUCTURAL - SKELETAL EXTERIOR ELEVATIONS	DESMAN	●
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SJ501	STRUCTURAL - SKELETAL BUILDING SECTIONS	DESMAN	●
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SJ602	STRUCTURAL - ENLARGED STAIR 2 SECTIONS	DESMAN	●
SJ603	STRUCTURAL - ENLARGED STAIR 1 FRAMING PLAN LEVEL 1	DESMAN	●
SJ604	STRUCTURAL - ENLARGED STAIR 1 FRAMING PLANS	DESMAN	●
SJ606	STRUCTURAL - STAIR NO 1 ENLARGED SECTIONS	DESMAN	●
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SJ608	STRUCTURAL - STAIR NO 1 ENLARGED SECTIONS	DESMAN	●
SJ609	STRUCTURAL - STAIR NO 1 ENLARGED SECTIONS	DESMAN	●
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SJ613	STRUCTURAL - DETAILS	DESMAN	●
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SHEET #	SHEET NAME	DRAWN BY	IFB
ARCHITECTURAL			
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AD101	ARCHITECTURAL - DEMOLITION PLAN - LEVEL 1	BAE	●
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AD103	ARCHITECTURAL - DEMOLITION PLAN - LEVEL 3	BAE	●
AD104	ARCHITECTURAL - DEMOLITION PLAN - EXISTING ROOF	BAE	●
AD201	ARCHITECTURAL - DEMOLITION ELEVATIONS	BAE	●
AD301	ARCHITECTURAL - DEMOLITION SECTIONS	BAE	●
A101	ARCHITECTURAL - OVERALL FLOOR PLAN - LEVEL 1 AND LOWER LOBBY	BAE	●
A102	ARCHITECTURAL - OVERALL FLOOR PLAN - LEVEL 2 AND MEDICAL CENTER LOBBY	BAE	●
A103	ARCHITECTURAL - OVERALL FLOOR PLAN - LEVEL 3	BAE	●
A104	ARCHITECTURAL - OVERALL FLOOR PLAN - LEVEL 4	BAE	●
A105	ARCHITECTURAL - OVERALL FLOOR PLAN - LEVEL 5	BAE	●
A106	ARCHITECTURAL - OVERALL FLOOR PLAN - ROOF	BAE	●
A201	ARCHITECTURAL - EXTERIOR ELEVATIONS	BAE	●
A301	ARCHITECTURAL - BUILDING SECTIONS	BAE	●
A311	ARCHITECTURAL - PARTIAL BUILDING SECTIONS	BAE	●
A312	ARCHITECTURAL - PARTIAL BUILDING SECTIONS	BAE	●
A313	ARCHITECTURAL - WALL SECTIONS	BAE	●
A401	ARCHITECTURAL - ENLARGED FLOOR AND REFLECTED CEILING PLANS - LEVEL 1 AND LOWER LOBBY	BAE	●
A402	ARCHITECTURAL - ENLARGED FLOOR AND REF. CEILING PLANS - LEVEL 2 AND MEDICAL CENTER	BAE	●
A403	ARCHITECTURAL - ENLARGED FLOOR AND REFLECTED CEILING PLANS - LEVEL 3	BAE	●
A404	ARCHITECTURAL - ENLARGED FLOOR AND REFLECTED CEILING PLANS - LEVEL 4	BAE	●
A405	ARCHITECTURAL - ENLARGED FLOOR AND REFLECTED CEILING PLANS - LEVEL 5	BAE	●
A406	ARCHITECTURAL - ENLARGED ROOF PLANS	BAE	●
A501	ARCHITECTURAL - WALL SECTIONS AND DETAILS	BAE	●
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A601	ARCHITECTURAL - DOOR SCHEDULE AND DETAILS	BAE	●
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AW104	ARCHITECTURAL - WAYFINDING FLOOR PLAN - LEVEL 4	BAE	●
AW105	ARCHITECTURAL - WAYFINDING FLOOR PLAN - LEVEL 5	BAE	●
AW601	ARCHITECTURAL - WAYFINDING SIGN DETAILS	BAE	●
AW602	ARCHITECTURAL - WAYFINDING SIGN DETAILS	BAE	●
AW603	ARCHITECTURAL - WAYFINDING SIGN DETAILS	BAE	●
AW604	ARCHITECTURAL - WAYFINDING EXTERIOR SIGN DETAILS	BAE	●
AW605	ARCHITECTURAL - WAYFINDING PARKING DECK DETAILS	BAE	●
AW611	ARCHITECTURAL - WAYFINDING SIGN DETAILS	BAE	●
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AJ121.1	ARCHITECTURAL - LEVEL 1 STRIPING PLAN	DESMAN	●
AJ122	ARCHITECTURAL - LEVEL 2 STRIPING PLAN - EXISTING	DESMAN	●
AJ122.1	ARCHITECTURAL - LEVEL 2 STRIPING PLAN	DESMAN	●
AJ123	ARCHITECTURAL - LEVEL 3 STRIPING PLAN - EXISTING	DESMAN	●
AJ123.1	ARCHITECTURAL - LEVEL 3 STRIPING PLAN	DESMAN	●
AJ124.1	ARCHITECTURAL - LEVEL 4 STRIPING PLAN	DESMAN	●
AJ125.1	ARCHITECTURAL - LEVEL 5 STRIPING PLAN	DESMAN	●
AJ501	ARCHITECTURAL - STRIPING DETAILS	DESMAN	●

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SHEET #	SHEET NAME	DRAWN BY	IFB
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FP102	FIRE PROTECTION - DRY STANDPIPE PLAN - LEVEL 2	BAE	●
FP103	FIRE PROTECTION - DRY STANDPIPE PLAN - LEVEL 3	BAE	●
FP104	FIRE PROTECTION - DRY STANDPIPE PLAN - LEVEL 4	BAE	●
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PD102	PLUMBING - STORM PIPING DEMOLITION PLAN - LEVEL 2	BAE	●
PD103	PLUMBING - STORM PIPING DEMOLITION PLAN - LEVEL 3	BAE	●
P101	PLUMBING - STORM PIPING PLAN - LEVEL 1	BAE	●
P102	PLUMBING - STORM PIPING PLAN - LEVEL 2	BAE	●
P103	PLUMBING - STORM PIPING PLAN - LEVEL 3	BAE	●
P104	PLUMBING - STORM PIPING PLAN - LEVEL 4	BAE	●
P105	PLUMBING - STORM PIPING PLAN - LEVEL 5	BAE	●
P501	PLUMBING - PLUMBING DETAILS	BAE	●
P601	PLUMBING - STORM PIPING RISERS	BAE	●
P701	PLUMBING - PIPING SCHEDULES	BAE	●
			●
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MD101	MECHANICAL - DEMOLITION PLANS	BAE	●
M101	MECHANICAL - VENTILATION PLANS - LEVELS 1 THRU 4	BAE	●
M102	MECHANICAL - VENTILATION PLANS - LEVELS 1 AND ROOF	BAE	●
M103	MECHANICAL - VENTILATION PLAN - STAIR TOWER 2	BAE	●
M501	MECHANICAL - SCHEDULES AND DETAILS	BAE	●
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ES101	ELECTRICAL - SITE LIGHTING PLAN	BAE	●
ELD103	ELECTRICAL - LIGHTING FLOOR DEMOLITION PLAN - LEVEL 3	BAE	●
EL101	ELECTRICAL - LIGHTING FLOOR PLAN - LEVEL 1	BAE	●
EL102	ELECTRICAL - LIGHTING FLOOR PLAN - LEVEL 2	BAE	●
EL103	ELECTRICAL - LIGHTING FLOOR PLAN - LEVEL 3	BAE	●
EL104	ELECTRICAL - LIGHTING FLOOR PLAN - LEVEL 4	BAE	●
EL105	ELECTRICAL - LIGHTING FLOOR PLAN - LEVEL 5	BAE	●
E501	ELECTRICAL - DETAILS	BAE	●
E601	ELECTRICAL - PARTIAL ONE LINE DIAGRAM	BAE	●
E602	FIRE ALARM - ONE LINE DIAGRAM	BAE	●
E701	ELECTRICAL - LIGHTING AND PANEL SCHEDULES	BAE	●
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TT102	TECHNOLOGY - FLOOR PLAN - LEVEL 2	BAE	●
TT103	TECHNOLOGY - FLOOR PLAN - LEVEL 3	BAE	●
TT104	TECHNOLOGY - FLOOR PLAN - LEVEL 4	BAE	●
TT105	TECHNOLOGY - FLOOR PLAN - LEVEL 5	BAE	●
TT501	TECHNOLOGY - DETAILS	BAE	●
TT502	TECHNOLOGY - DETAILS	BAE	●
TT601	TECHNOLOGY - ONE LINE	BAE	●
TT602	TECHNOLOGY - CONDUIT RISER	BAE	●

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CONSULTANT

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STAMP

LICENSED ARCHITECT CROTAN D. ZAKARIJA 001-022355 STATE OF ILLINOIS

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: GENERAL - SHEET INDEX

Approved: Project Director

Phase: ISSUE FOR BID

Project Title: PARKING RAMP EXPANSION

Location: 3495 BAILEY AVE., BUFFALO, NY 14215

Issue Date: 08-09-2024 | Checked: CZ | Drawn: II

Project Number: 528-18-375

Building Number: 29

Drawing Number: G002

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GENERAL NOTES FOR CONTRACTORS

1. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL PUBLISHED APPLICABLE LOCAL / STATE / FEDERAL / NATIONAL CODES, ORDINANCES AND REGULATIONS ALONG WITH ALL RELATED VA 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.

2. EACH CONTRACTOR SHALL HAVE PUBLIC LIABILITY, PROPERTY DAMAGE AND WORKMAN'S COMPENSATION INSURANCE AS REQUIRED BY THE VA IN THE BIDDING DOCUMENTATION. CONTACT THE VA/CO DURING THE BIDDING PHASE WITH ANY QUESTIONS, VERIFICATIONS, AND DOCUMENTATION NECESSARY CONCERNING ALL REQUIREMENTS FOR PROJECT INSURANCE COVERAGE.

3. 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.

4. 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.

5. 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/CO PRIOR TO SUBMITTING A BID AND THE VA/COR BEFORE STARTING ANY OF THE WORK.

6. 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.

7. DO NOT SCALE THE DRAWINGS. USE THE GIVEN DIMENSIONS. COORDINATE SHOP DRAWING REQUIREMENTS WITH ALL TRADES.

8. 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 & MEANS OF RUNNING DISTRIBUTION SYSTEMS ARE SHOWN BUT IT IS NOT INTENDED TO SHOW EVERY CONNECTION, FITTING, OFFSET, SUPPORT ELEMENT, NOR EVERY STRUCTURAL DIFFICULTY THAT CAN BE ENCOUNTERED DURING THE INSTALLATION OF THE WORK.

9. 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.

10. ALL EXISTING BUILDING UTILITIES AND INFRASTRUCTURE SERVICES SYSTEMS THAT FEED OTHER SPACES OUTSIDE THE 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.

11. 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.

12. EACH CONTRACTOR SHALL MAINTAIN A COMPETENT OSHA-30 FOREMAN OR DIRECT REPRESENTATIVE ON THE JOB AT ALL TIMES. THE CONTRACTOR SHALL COOPERATE WITH AND COORDINATE WITH THE SUPERINTENDENT AND FOREMAN OF OTHER TRADES IN ORDER THAT THERE BE NO DELAYS IN THE EXECUTION AND COMPLETION OF THE WORK. BEFORE CONSTRUCTION BEGINS, ALL WORKERS MUST HAVE 0SHA-10 TRAINING.

13. DURING CONSTRUCTION EACH CONTRACTOR SHALL KEEP ON SITE ACCURATE FIELD RECORDS OF ALL CONCEALED WORK THAT DIFFERS FROM THE CONTRACT DRAWINGS. THESE AS-BUILT MARKED-UP RECORD DRAWINGS 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. CONTRACTOR SHALL OBTAIN APPROVAL FROM THE AOR / VA PRIOR TO STARTING ANY WORK THAT DIFFERS FROM THE APPROVED CONTRACT DOCUMENTS.

14. IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO ADEQUATELY PROTECT EXISTING CONSTRUCTION AND FINISHES TO REMAIN IN PLACE DURING BOTH DEMOLITION AND CONSTRUCTION SEQUENCES OF THE 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. WORK INDICATED IN THIS NOTES SECTION SHALL BE COMPLETED AT NO ADDITIONAL COST TO THE VA.

15. 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. WORK INDICATED IN THIS NOTES SECTION SHALL BE COMPLETED AT NO ADDITIONAL COST TO THE VA.

16. 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.

17. 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 PROCEEDING WITH ANY SUCH REQUIRED PENETRATIONS WORK.

18. 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.

19. 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. ANY DEMOLITION DEBRIS TRANSPORTED THROUGH HOSPITAL MUST BE IN A COVERED RECEPTACLE.

20. CONTRACTORS TO ENSURE ALL FIRE RESISTIVE RATINGS ARE MAINTAINED PER LOCATIONS SHOWN ON THE DRAWINGS. ALL PENETRATIONS ARE TO BE SEALED BY AN APPROVED UL FIRESTOPPING SYSTEM. SEAL ALL EXISTING PENETRATIONS EXPOSED DURING CONSTRUCTION AS PER THE APPROVED UL FIRESTOPPING SYSTEM INSTALLATION REQUIREMENTS. FOLLOW THE MANUFACTURER'S DESIGN RECOMMENDATIONS FOR THE PROPER FIRE STOPPING MATERIAL TO BE USED IN EACH SPECIFIC APPLICATION.

21. ALL FIRESTOPS SHALL MATCH THE FIRE RATING OF THE CONSTRUCTION BEING PENETRATED, SUCH AS WALLS, FLOORS, CEILINGS, PARTITIONS ETC. AND SHALL COMPLY WITH ALL CODE REQUIREMENTS. USE ONLY A SINGLE (FMRC) APPROVED MANUFACTURER'S LINE OF PRODUCTS FOR ALL PROJECT FIRESTOPPING. THE BOD FOR ALL FIRE STOPPING WILL BE ALL PRODUCTS AS MANUFACTURED BY THE 3M COMPANY.

22. PROVIDE AN HOURLY RATED FIRESTOP AT ALL PENETRATIONS OF RATED CONSTRUCTION AND/OR ASSEMBLIES, WHETHER NEW OR EXISTING, AND/OR AS A DIRECT RESULT OF THE PROJECT DEMOLITION WORK OR NEW CONSTRUCTION. WHERE COMBUSTIBLE PENETRANTS OCCUR USE A FIRE RATED INTUMESCENT MATERIAL AND WHERE NONCOMBUSTIBLE PENETRANTS OCCUR USE A FIRE RATED ENDOTHERMIC MATERIAL. ALL FIRESTOPPING WORK MUST BE APPROVED BY THE VA/COR BEFORE CONCEALED BY CONSTRUCTION.

24. EACH CONTRACTOR SHALL BE VETTED BY VA SECURITY AND EACH WORKER WILL HAVE THEIR ID ISSUED BY VA. ISSUED ID MUST BE WORN AT ALL TIMES.

SPECIAL SAFETY NOTES

1. ALL CONTRACTORS, SUBCONTRACTORS AND THEIR REPRESENTATIVES WORKING ON THIS PROJECT SHALL AT ALL TIMES PRIOR TO AND DURING THE COURSE OF THEIR ACTIVITY BE RESPONSIBLE FOR THE SAFETY OF THEIR EMPLOYEES, ALL OTHERS AND ARE TO BE IN CARE OF THE PROPERTY. SUBMIT SAFETY PLAN TO VA COR PRIOR TO START OF CONSTRUCTION.

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 APPLICABLE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HAZARD ACT, ALONG WITH ALL OTHER APPLICABLE GOVERNING REGULATIONS AND VA REQUIREMENTS.

3. THE BEGINNING OF WORK ON SITE BY A CONTRACTOR OR SUBCONTRACTOR SHALL INDICATE HIS/HER SATISFACTION AND FULL ACCEPTANCE OF THE CURRENT SITE CONDITIONS REGARDING SAFETY AND THE NECESSARY COMPLIANCE WITH ALL CONTRACT REQUIREMENTS REGARDING SAME. THE CONTRACTOR ACCEPTS FULL RESPONSIBILITY FOR ANY ACCIDENTS, INJURIES, AND/OR DAMAGES INCURRED AS A RESULT OF ANY VISIBLE OR KNOWN UNSAFE CONDITIONS THAT EXIST.

4. IF UNSATISFIED WITH THE CURRENT SITE SAFETY CONDITIONS AND/OR THE NECESSARY COMPLIANCE, THE CONTRACTOR OR SUBCONTRACTOR SHALL INDICATE THE ACTIONS AND/OR DEVICES NECESSARY TO RENDER THE JOB-SITE SAFE. IF THE WORK OF OTHER PARTIES, UPON INSPECTION, IS FOUND AT ANY TIME TO BE UNSAFE THE CONTRACTOR OR SUBCONTRACTOR SHALL IMMEDIATELY STOP ALL WORK AND NOTIFY THE GENERAL/PRIME CONTRACTOR AND THE VA/COR. THE SUBMISSION OF A BID FOR ANY PORTION OF WORK INCLUDED IN THIS CONTRACT SHALL ALSO INDICATE ACKNOWLEDGMENT AND ACCEPTANCE OF THESE REQUIREMENTS.

BASIS OF DESIGN (BOD) COMPLIANCE PROTOCOLS

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.

SUMMARY DESCRIPTION::
1. THE BASIS OF DESIGN (BOD) INCORPORATES THE DESIGN INTENT AND PERFORMANCE BASED CHARACTERISTICS FOR ALL MATERIALS, SYSTEMS AND WORKMANSHIP THAT IS INCLUDED IN THE CONSTRUCTION DOCUMENTS AND REFERENCED BY SAME.

2. THE BOD COMPLIANCE PROTOCOLS ARE TO BE FOLLOWED FOR ALL PROPOSED EQUIVALENT SUBSTITUTIONS, DEPARTURES OR ADJUSTMENTS FROM THE CONSTRUCTION DOCUMENT DRAWINGS, DETAILING, AND SPECIFICATIONS, PROVIDED THE SUBSTITUTIONS, DEPARTURES OR ADJUSTMENTS MEET THE DESIGN INTENT, SCOPE OF WORK (SOW) CRITERIA REQUIREMENTS, AND PERFORMANCE BASED CHARACTERISTICS.

3. NO SUCH EQUIVALENT SUBSTITUTION, DEPARTURES OR ADJUSTMENTS WILL BE ALLOWED WITHOUT FIRST GOING THROUGH THE BOD COMPLIANCE PROTOCOLS PROCESS AND OBTAINING THE GOVERNMENT'S APPROVAL FROM THE CONTRACTING OFFICER (CO).

BOD COMPLIANCE PROTOCOLS:

1. THE BOD COMPLIANCE PROTOCOLS APPLY TO ALL MATERIALS, EQUIPMENT, HARDWARE, FINISHES, CONTROLS, ENGINEERING SYSTEMS AND THEIR INCLUSIVE PARTS, DETAILED ASSEMBLIES, IMPACTED ELEMENTS OF WORK PLUS ALL RELATED DESIGN CRITERIA ELEMENTS AND SPECIFIED PARAMETERS THAT ARE CONTAINED WITHIN THE BID/ISSUED FOR CONSTRUCTION DRAWINGS AND SPECIFICATIONS DOCUMENTATION, OR AS SPECIFICALLY REFERENCED BY SAME.

2. SPECIFIC DESIGN INTENT AND PERFORMANCE CHARACTERISTICS REQUIRING BOD COMPLIANCE ANALYSIS WILL VARY WITH EACH SPECIFIC ITEM BEING PROPOSED AS AN EQUIVALENT SUBSTITUTION AND WILL NEED TO BE FULLY COMPARED AND ANALYZED TO ESTABLISH BOD EQUIVALENCY COMPLIANCE.

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.

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 OF 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, CONNECTIONS AND LOCATION REQUIREMENTS, INSTALLATION TOLERANCES, OPERABLE ELEMENT CLEARANCES, ETC., ALL OF WHICH COULD IMPACT OTHER AREAS OF CONSTRUCTION OR COMPONENTS OF WORK REQUIRING ADJUSTMENTS IN ORDER TO COMPLY WITH THE DESIGN INTENT.

5. CONTRACTORS WILL BE RESPONSIBLE TO FULLY IDENTIFY ALL PROPOSED EQUIVALENT SUBSTITUTIONS, DEPARTURES, IMPACTS ALTERATIONS AND ADJUSTMENTS FROM THE "BASIS OF DESIGN" INTENT TO THE GENERAL/PRIME CONTRACTOR DURING THE BIDDING PROCESS AND OBTAIN THEIR APPROVAL BEFORE COMPLETING THEIR PRICING AND SUBMITTING A BID TO SAME.

6. IF A PROPOSED EQUIVALENT SUBSTITUTION ITEM WILL REQUIRE THAT ALTERATIONS AND/OR ADJUSTMENTS 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 REQUIRED AS A PART OF THEIR BIDDING AND FUTURE CONTRACTUAL SCOPE OF WORK RESPONSIBILITIES.

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 AND MOUNTING VARIANCES, INSTALLATION CONFLICTS AND DETAILING ALTERATIONS OR ADJUSTMENTS, ETC. CAUSED BY THE EQUIVALENT SUBSTITUTION REQUIREMENTS.

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.

9. EACH EQUIVALENT SUBSTITUTION REQUEST ALONG WITH ANY AND ALL IMPACTS, VARIANCES, ALTERATIONS OR ADJUSTMENTS REQUIRED TO OTHER ELEMENTS OF WORK WILL ALSO REQUIRE VA/CO APPROVAL(S) BEFORE ANY SUCH REQUEST IS DEEMED APPROPRIATE BY THE GOVERNMENT AND ALLOWED TO PROCEED INTO THE NORMAL SHOP DRAWING PREPARATION, SUBMITTAL AND REVIEW PROCESS.

10. NO REQUEST FOR AN EQUIVALENT SUBSTITUTION REVIEW IS ALLOWED TO 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.

11. ANY UNDOCUMENTED OR UNFORESEEN IMPACT, VARIANCES, ALTERATIONS OR ADJUSTMENTS REQUIRED TO ELEMENTS OF WORK AS A RESULT OF AN EQUIVALENCY SUBSTITUTION 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 UNDOCUMENTED OR UNFORESEEN CONDITIONS WILL BE FULLY IDENTIFIED, DOCUMENTED AND SUBMITTED TO THE VA/COR FOR REVIEW, EVALUATION AND DIRECTION(S) ON HOW TO PROCEED.

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/CO'S APPROVAL WILL BE SUBJECT TO POSSIBLE REJECTION AND REMOVAL AS DETERMINED BY THE GOVERNMENT. CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL / REPLACEMENT OR REJECTED WORKS AT NO ADDITIONAL COST TO THE VA.

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 INTENT LAYOUT AND DIMENSIONAL LOGISTICS REQUIREMENTS.

14. ALL EQUIVALENT SUBSTITUTION INSTALLATIONS AND THEIR IMPACTS TO OTHER SOW ELEMENTS SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES, REGULATIONS AND VA REQUIREMENTS, PLUS ALLOW ANY SYSTEMS, EQUIPMENT AND/OR MATERIALS TO FUNCTION PROPERLY AND SAFELY.

BOD EQUIVALENT SUBSTITUTIONS PROCESS SEQUENCE:

(STEP 01) BIDDING PHASE:
1. ALL BOD PROPOSED EQUIVALENT SUBSTITUTIONS AND THEIR ASSOCIATED IMPACTS ON OTHER SOW ELEMENTS, SHALL BE FULLY IDENTIFIED AND COORDINATED WITH THE GENERAL/PRIME CONTRACTOR(S) SUCH THAT THE COST OF ALL ASSOCIATED SCOPE OF WORK IMPACTS DIRECTLY AFFECTING OTHER TRADES SHALL BE INCLUDED IN THE BASE BIDS OF ALL AFFECTED CONTRACTORS.

(STEP 02) CONTRACTORS IDENTIFY PROPOSED EQUIVALENT SUBSTITUTION(S):
1. 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 REQUIEMENTS AS DESIGNED, DETAILED AND SPECIFIED.

(STEP 03) CONTRACTORS PREPARE DETAILED COMPARISONS:
1. THE REQUESTING CONTRACTOR SHALL PREPARE AND PROVIDE TO THE GENERAL/PRIME CONTRACTOR A FULL LINE ITEM, SIDE-BY-SIDE COMPARISON LISTING SPREAD SHEET OF ALL BOD DESIGN AND MANUFACTURED CHARACTERISTICS VERSUS THE SAME FOR THE EQUIVALENT SUBSTITUTION BEING PROPOSED.

2. ALL EQUIPMENT, MATERIALS OR ASSEMBLY EQUIVALENT SUBSTITUTIONS SHALL BE PROVIDED ON A CONTACTOR PREPARED ITEMIZED LISTING PER EACH REQUESTED SUBSTITUTION WITH A FULL AND DETAILED COMPARATIVE DESCRIPTION OF ALL SPECIFICATIONS, PERFORMANCE CHARACTERISTICS, CAPACITIES, WEIGHT, DIMENSIONAL LOGISTICS AND KNOWN IMPACTS, DEPARTURES, ALTERATIONS OR ADJUSTMENTS FROM THE ORIGINAL BOD.

3. CONTRACTOR SHALL UTILIZE THE ORIGINAL MANUFACTURER'S PUBLISHED SPECIFICATIONS AND PRODUCT DATA SHEETS ALONG WITH ANY ADDITIONAL CHARACTERISTICS AND PERFORMANCE CRITERIA REQUIRED AND SPECIFIED IN THE CONSTRUCTION DOCUMENTS AS THE BASIS FOR THE DEVELOPMENT OF THE LINE BY LINE COMPARISON CRITERIA SPREAD SHEET.

(STEP 04) CONTRACTORS IDENTIFY RELATED IMPACTS:
1. 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.

2. SEE THE DETAILED BOD PROTOCOL REQUIREMENTS FOR THE EXTENT OF RESPONSIBILITIES AND DOCUMENTATION REQUIRED FOR THIS CRITICAL ITEM.

(STEP 05) CONTRACTOR'S DOCUMENTATION TO GENERAL/PRIME CONTRACTOR:
1. 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.

2. 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.

3. 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.

(STEP 06) GENERAL/PRIME CONTACTOR RESPONSIBLE FOR COORDINATION:
1. THE GENERAL/PRIME CONTRACTOR SHALL BE RESPONSIBLE TO FULLY IDENTIFY, DOCUMENT, MAKE SUBMISSIONS, TRACK, COORDINATE, OBTAIN CONTRACTING OFFICER (CO) APPROVALS AND INCLUDE THE COST OF ALL SUCH EQUIVALENT SUBSTITUTIONS, WORK IN THEIR COST OF CONSTRUCTION AS WELL AS ALLOWED FOR WITHIN THEIR PROJECT SCHEDULE.

2. THE GENERAL/PRIME CONTRACTOR HAVING BEEN MADE FULLY AWARE OF POTENTIAL EQUIVALENCY SUBSTITUTIONS AND IMPACTS DURING THE BIDDING PROCESS SHALL INCLUDE AND DOCUMENT THIS BOD PROCESS IN THEIR DETAILED PROJECT SCHEDULE ALLOWING A SEPARATE TASK ITEM TIMELINE FOR EACH WITH CRITICAL DATES AND PERFORMANCE TARGETS IDENTIFIED AND TRACKED.

3. THE GENERAL/PRIME CONTRACTOR SHORTLY AFTER CONTRACT AWARD AND EXECUTION SHALL NOTIFY AND COORDINATE WITH THE VA/COR, ALL SUCH KNOWN EQUIVALENT SUBSTITUTION REQUESTS ALONG WITH ALL POSSIBLE IMPACTS FROM THE SPECIFIC BOD REQUIREMENTS PROVIDED IN THE DRAWINGS AND SPECIFICATIONS.

4. 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.

5. 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 THE SCOPE OF WORK.

(STEP 07) TRACKING LIST OF PROPOSED EQUIVALENT SUBSTITUTIONS:
1. THE SUCCESSFUL GENERAL/PRIME CONTRACTOR SHALL PREPARE A COMPLETE MASTER LISTING, BY SPECIFICATION AND/OR DRAWING SECTIONS, OF ALL PROPOSED EQUIVALENT SUBSTITUTION REQUESTS.

2. 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.

3. 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.

(STEP 08) EQUIVALENCY REQUEST(S) SUBMITTED TO VA
1. 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.

2. 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.

(STEP 09) VA REVIEW AND ACTION NOTIFICATION:
1. 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.

2. AS PART OF THE VA'S REVIEW PROCESS THE AE WILL ALSO BE INCLUDED IN A SIMILAR FASHION TO THE SHOP DRAWING REVIEW PROCESS AND SHALL CONSULT WITH THE VA/COR AND PROVIDE A RECOMMENDATION FOR THE VA'S CONSIDERATION.

3. THE A/E WILL REJECT IMMEDIATELY WITHOUT REVIEWING ANY SUBMITTAL THAT IS DEEMED INCOMPLETE AND NOT IN COMPLIANCE WITH THE BOD PROTOCOLS COMPLIANCE REQUIREMENTS.

4. IT SHOULD BE NOTED THAT IT IS NOT THE VA'S OR THE A/E'S RESPONSIBILITY TO RESEARCH, DOCUMENT AND PROVE EQUIVALENCY, THAT IS THE REQUESTING/SUBMITTING CONTRACTOR'S RESPONSIBILITY AS PER THESE PROTOCOLS. THE AE'S RESPONSIBILITY IS TO REVIEW AND ANALYZE THE DETAILED COMPARATIVE DOCUMENTATION AS PROVIDED AND ADVISE THE VA/COR ON WHAT WAS SUBMITTED.

(STEP 10) VA APPROVAL ALLOWS SHOP DRAWING PROCESS TO BEGIN:
1. 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/CO APPROVAL(S) ON EACH EQUIVALENT SUBSTITUTION REQUEST THAT WILL AFFECT THE SHOP DRAWING PROCESS FOR THAT SPECIFIC ITEM AND AREA OF WORK.

(STEP 11) IMPLEMENTATION OF SUBSTITUTION(S) AND IMPACT(S):
1. ONCE APPROVED BY THE VA/CO THE CONTRACTORS SHALL PERFORM THEIR FINAL COORDINATION EFFORTS AND BEGIN THE NORMAL SHOP DRAWING PREPARATION AND SUBMITTAL PROCESS INCLUDING PROVIDING ANY ADDITIONAL ENGINEERING WORK NECESSITATED BY THE EQUIVALENT SUBSTITUTION.

2. THE GENERAL/PRIME COTACTOR 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.

ISSUE FOR BID	08-09-2024
Revisions:	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: GENERAL - CONTRACTOR AND BASIS-OF-DESIGN PROTOCOL NOTES

Approved: Project Director

Phase: ISSUE FOR BID

Project Title: PARKING RAMP EXPANSION

Location: 3495 BAILEY AVE., BUFFALO, NY 14215

Issue Date	Checked	Drawn
08-09-2024	CZ	RB

Project Number: 528-18-375

Building Number: 29

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OCCUPIED AREA PROTECTION PROTOCOLS

VERIFY AND COORDINATE ALL PROTECTION REQUIREMENTS TO BE PROVIDED FOR EACH SPECIFIC AREA OR LOCATION OF SCHEDULED WORK WITH THE VA/COR BEFORE BEGINNING ANY WORK. WHEN PERFORMING WORK (DEMOLITION OR NEW) IN OCCUPIED SPACES, THE FOLLOWING PROTECTION PROTOCOLS WILL BE FOLLOWED ON A DAILY BASIS UNLESS MODIFIED IN WRITING BY THE COR ON A CASE BY CASE BASIS:

1. CAREFULLY MOVE/RELOCATE ANY SIGNAGE, WALL HUNG ITEMS, BLINDS, CURTAINS, ETC. THAT ARE IN THE AREA/ZONE WHERE THE WORK IS TO BE ACCOMPLISHED AND IN DANGER OF BEING DAMAGED BY THE PERFORMANCE OF THE WORK, INCLUDING DAMAGE THAT CAN BE CAUSED BY FALLING OBJECTS, DUST OR MOISTURE. NOTE: THIS ALSO APPLIES TO THE DIRECT ACCESS ROUTE THRU THE OCCUPIED AREA TO AND FROM THE ACTUAL WORK AREA/ZONE. NOTE: THE VA WILL BE RESPONSIBLE TO MOVE/RELOCATE ANY FURNITURE, EQUIPMENT, BOXES, FILES, USER BELONGINGS, ETC. THAT WOULD BE IN THE AREA OF WORK AND OBSTRUCT/INTERFERE WITH THE PERFORMANCE OF THE CONTRACTOR'S WORK. COORDINATE ALL REQUIRED VA RELOCATIONS WITH VA/COR.
2. CAREFULLY PROVIDE FULL PROTECTIVE DUST, MOISTURE AND DAMAGE PREVENTION BARRIERS/COVERS FOR ALL SUCH ITEMS ADDRESSED ABOVE INCLUDING THE ADDITIONAL PROTECTION OF ALL WALL SURFACES/FINISHES, WINDOWS/GLAZING, DOORS, FRAMES, HARDWARE, CARPETING, FLOOR COVERINGS, WALL BASE, CEILING CONSTRUCTION, TILE, GRID, WALL ANGLES, LIGHT FIXTURES, DIFFUSERS, GRILLES, ETC.
3. FLOOR FINISHES SHALL BE PROTECTED THROUGHOUT THE AREA WITH A 6 MIL HEAVY DUTY REINFORCED, FIRE-RETARDANT, POLY SHEETING (VISQUEEN) TEMPORARY TARPAULIN(S)/DROP CLOTH(S) AS A MINIMUM FOR DUST, MOISTURE AND VERY LIGHT FOOT TRAFFIC PROTECTION
4. ALL MAIN TRAFFIC AREAS TO AND FROM , ALONG WITH INSIDE THE WORK ZONE/AREAS, SHALL HAVE ADDITIONAL PROTECTION PROVIDED OVER THE 6 MIL HEAVY DUTY REINFORCED, FIRE-RETARDANT, POLY SHEETING (VISQUEEN), IN THE FORM OF FULL SHEETS OF 3/16" TEMPERED HARDBOARD (MASONITE) 4'X8' PANELS. ALL PANELS SHALL BE FIRMLY HELD TOGETHER AND SECURED IN PLACE VIA THE USE OF AN INDUSTRY APPROVED 2" HEAVY DUTY CONSTRUCTION ADHESIVE TAPE, INTENDED FOR THIS APPLICATION NOTE: ALL BOARD TO BOARD JOINTS WILL BE FULLY TAPED THE LENGTH OF THE JOINT AND ALL BOARD TO VISQUEEN JOINTS WILL BE TAPED AT 4' ON CENTER WITH A MINIMUM 8" LENGTH OF TAPE. PAINTERS TAPE AND/OR MASKING TAPE ARE NOT CONSIDERED EQUIVALENTS TO THE HD CONSTRUCTION ADHESIVE TAPE BEING SPECIFIED.
5. CONSTRUCT A TEMPORARY FULL HEIGHT, FULLY SEALED, CONTAINMENT ENCLOSURE AROUND ALL CONSTRUCTION AREAS/ZONES IN ORDER TO CONTAIN AS MUCH DUST AND DEBRIS AS POSSIBLE DURING THE PERFORMANCE OF ANY DEMOLITION, CONSTRUCTION AND CLEAN-UP WORK.
6. THE TEMPORARY FULL HEIGHT CONTAINMENT ENCLOSURES SHOULD BE CONSTRUCTED OF A MINIMUM 6 MIL HEAVY DUTY REINFORCED, FIRE-RETARDANT POLY SHEETING (VISQUEEN) WITH THE USE OF THE APPROPRIATE TELESCOPICALLY ADJUSTABLE ALUMINUM OR METAL VERTICAL SPRING LOADED SUPPORT STUDS/POLES FOR 24 HOURS WHILE BUILDING 1-HR. FIRE-RATED DOUBLE-WALLED SHEETROCK TO FACILITATE A CONSTRUCTION WALL TO CONTAIN AN AREA. USE FIRE-RETARDANT ZIPPER WALL FOR A SINGLE ROOM (STRUCTURAL IMPROVEMENT PURPOSES), USE 1-HR FIRE RATE DOUBLE-WALLED SHEETROCK TO FACILITATE A CONSTRUCTION WALL IN A CONSTRUCTION AREA. FULL HEIGHT FOAM PADDED RAILS, PRESSURE FIT AT ALL PERIMETER WALL/PARTITION CONNECTION CONDITIONS ARE TO BE UTILIZED IN ORDER TO MINIMIZE THE USE OF TAPE SEALS ON ALL FINISHED WALL SURFACES.
7. WHEN ALL WORK IS COMPLETED FOR THE PREARRANGED SPECIFIC LOCATION(S), SCHEDULED TASKING AND IDENTIFIED PERIOD OF TIME THE ENTIRE AREA IS TO BE FULLY CLEANED-UP WITH HEPA FILTER USE, ALL TEMPORARY CONTAINMENT ENCLOSURES AND PROTECTION REMOVED WITH ALL FURNITURE AND EQUIPMENT RETURNED TO THEIR PRIOR FUNCTIONING POSITIONS NOTE: FULLY CLEANED-UP MEANS COMMERCIALLY VACUUM CLEANED WITH ALL SURFACES BEING FULLY WIPED DOWN AND DUST FREE AS ACCEPTED BY THE VA PRIOR TO THE CONTRACTORS WORK.
8. ALL SPACES WILL BE RETURNED TO THE USER, BY THE CONTRACTOR, AS A COMMERCIALLY CLEAN ENVIRONMENT WITH ALL OPEN CONSTRUCTION SURFACES SEALED WITH TEMPORARY CONSTRUCTION MATERIALS INCLUDING THE USE OF 6 MIL HEAVY DUTY REINFORCED, FIRE-RETARDANT POLY SHEETING (VISQUEEN), IN ORDER TO AVOID DUST PARTICLES FROM THE CONSTRUCTION AREA MIGRATING INTO THE OCCUPIED USERS AREA/SPACE/ROOM(S).
9. UNLESS DIRECTLY SPECIFIED AND CONFIRMED BY THE VA/COR, ALL TEMPORARY PROTECTION AND ENCLOSURES ARE TO BE SET-UP AND KNOCKED-DOWN ON A DAILY BASIS SUCH THAT THE USERS OF THE OCCUPIED AREAS ARE NOT TO BE INCONVENIENCED AND PREVENTED FROM FUNCTIONING WITHIN THEIR SPACE/AREA/ROOM(S) DURING THEIR NORMAL BUSINESS HOURS OF OPERATION.
10. MINIMUM TWICE A DAY INSPECTION OF FIRE-RETARDANT POLY SHEET (VISQUEEN) TO ENSURE IT SEALS, HAS NO HOLES, ETC. INCLUDE A LOG OF THE MAINTENANCE.
11. BEFORE WORK COMMENCES FOR EACH SPECIFIC AREA OR LOCATION OF SCHEDULED WORK, VERIFY AND COORDINATE ALL PROTECTION REQUIREMENTS WITH INFECTION CONTROL, SAFETY AND COR.

GENERAL NOTES - WALL AND CEILING PAINTING

WHEREVER THE WORK BEING PERFORMED BY THIS PROJECT REQUIRES THE REMOVAL/DEMOLITION FROM, OR THE INSTALLATION OF NEW CONDUIT, JUNCTION BOXES, CABINETS, PANELS, DEVICES, EQUIPMENT, ETC., TO FINISH PAINTED SURFACES, THE CONTRACTOR SHALL PROVIDE ALL PAINTING TO THE EXISTING WALL/CEILING SURFACES AND NEW MATERIALS BEING INSTALLED TO MATCH ALL OF THE EXISTING FINISHED CONDITIONS SO THAT WHEN THE WORK PERFORMED IS COMPLETED IT BLENDS WITH THE EXISTING FINISHING DÉCOR AND DOESN'T STAND OUT AS BEING A REPAIR, UNFINISHED OR NEW WORK THAT DOESN'T BLEND WITH THE EXISTING CONDITIONS. PAINTING/REPAINTING SHALL OCCUR IN ALL INSTANCES FROM FLOOR TO CEILING AND FROM A WALL CORNER TO A WALL CORNER CHANGE IN PLANE WITH ALL EXISTING PAINTED SURFACES RECEIVING A NEW FINISH COAT AS A MINIMUM, SEE BELOW:

P1. PROVIDE ALL PAINTING AND RELATED WORK AS SHOWN ON THE DRAWING AND/OR AS REASONABLY IMPLIED BY THE SPECIFICATIONS AND THE PROJECT REQUIREMENTS TO PROVIDE A COMPLETELY FINISHED PROJECT.

P2. ALL SCRATCHES, DENTS, CRACKS AND/OR OPENINGS ON EXISTING AND NEW WALL SURFACES ARE TO BE FILLED WITH PLASTER PATCH, SPAKLING COMPOUND OR OTHER PRESCRIBED MATERIAL IN AN INDUSTRY APPROVED MANNER AND SANDED SMOOTH TO PROVIDE A "LIKE NEW" SURFACE CONDITION BEFORE PAINTING AND FINISHING.

P3. ALL SURFACES ARE TO BE CLEANED FREE OF LOOSE DIRT, DUST, OIL, GREASE AND ALL FOREIGN MATTER JUST PRIOR TO FINISHING.

P4. PROVIDE ALL LABOR, MATERIALS, BRUSHES, TOOLS, LADDERS AND ALL EQUIPMENT OF ANY KIND NECESSARY FOR PROPER EXECUTION OF THE WORK.

P5. WORKMANSHIP SHALL BE FIRST CLASS IN EVERY RESPECT WITH ALL MATERIALS EVENLY SPREAD AND SMOOTH WITHOUT RUNS, SAGS, OR DEBRIS IN THE FINISHED SURFACE.

FIRST CLASS WORKMANSHIP: AN INDUSTRY, DISCIPLINE AND SPECIFIC TRADE RECOGNIZED BEST PRACTICES FOR MATERIALS PROVIDED, INSTALLATION TECHNIQUES UTILIZED AND THE FINAL EXECUTION SUCH THAT ALL MATERIALS AND/OR EQUIPMENT IS PROPERLY INSTALLED, FUNCTIONING CORRECTLY, VISUALLY AS INTENDED AND CLEARLY REPRESENTATIVE OF THE HIGHEST QUALITY OF PROFESSIONAL INSTALLATION THAT IS WITHOUT DEFECT.

P6. THE PRIME COAT SHALL BE TINTED TO APPROXIMATE SHADE OF FINAL COAT. ALL SECTIONS, SPOTS OR HOT SPOTS AFTER PRIMARY APPLICATION SHALL BE TOUCHED-UP BEFORE APPLYING THE SECOND COAT TO PRODUCE A SMOOTH AND LEVEL SURFACE. THE FINAL COAT SHALL NOT BE APPLIED UNTIL AFTER ALL OTHER TRADES, WHOSE OPERATIONS WOULD BE DETRIMENTAL TO FINISH PAINTING, HAVE FINISHED THEIR WORK IN THE AREAS TO BE PAINTED.

P7. WORK NOT INCLUDED: UNLESS OTHERWISE INDICATED, SHOP PRIMING OF FERROUS METAL ITEMS AND FABRICATED COMPONENTS ARE INCLUDED UNDER THEIR RESPECTIVE TRADES. PRE-FINISHED ITEMS ARE NOT INCLUDED. FINISHED METALS SUCH AS ANODIZED ALUMINUM, STAINLESS STEEL, BRONZE, AND SIMILAR METALS WILL NOT BE PAINTED, UNLESS OTHERWISE SPECIFIED. DO NOT PAINT ANY MOVING PARTS OF OPERATING UNITS, OR OVER ANY EQUIPMENT IDENTIFICATION, PERFORMANCE RATINGS, NAMES OR NOMENCLATURE PLATES OR CODE-REQUIRED LABELS.

P8. PROTECT WORK OF OTHER TRADES. CORRECT ANY PAINTING RELATED DAMAGES BY CLEANING, REPAIRING OR REPLACING, AND REFINISHING, AS DIRECTED BY THE COR.

P9. PROPERLY PREPARE ALL SURFACES TO RECEIVE FINISHES AND APPLY PRIME COATS, PAINTING AND FINISHING MATERIALS IN ACCORDANCE WITH EACH MANUFACTURER'S DIRECTIONS FOR A QUALITY APPLICATION. USE APPLICATORS AND TECHNIQUES BEST SUITED FOR MATERIALS AND SURFACES TO WHICH APPLIED.

P10. APPLY ADDITIONAL COATS WHEN UNDERCOATS, STAINS OR OTHER CONDITIONS SHOW THROUGH FINAL PAINT OR FINISHED COAT, UNTIL THE SURFACE FILM IS OF UNIFORM FINISH COLOR AND APPEARANCE.

P11. APPLY EACH MATERIAL AT NOT LESS THAN THE MANUFACTURER'S RECOMMENDED SPREADING RATE, TO PROVIDE A TOTAL DRY FILM THICKNESS OF NOT LESS THAN 2.5 MILS FOR ENTIRE COATING SYSTEM OF (1) PRIME AND (2) FINISH COATS FOR 3 COAT WORK ON PAINTED SURFACES. COR SHALL INSPECT BETWEEN EACH PRECEDING COAT.

P12. PAINTED SURFACE PREPARATION - COMPLY WITH PAINT MANUFACTURER'S RECOMMENDATIONS FOR EACH MATERIAL TYPE AND SURFACE FINISH AS PER THEIR REFERENCE GUIDE AND SPECIFICATIONS.

P13. METAL SURFACE PREPARATION - ALL METAL SURFACES TO BE PAINTED MUST BE CLEAN AND FREE OF RUST, MILL SCALE, GREASE, OIL, DIRT AND OTHER FOREIGN MATTER. ALL ALUMINUM MUST BE CLEANED WELL IN ORDER TO REMOVE ALL SURFACE FILM AND OILS, AND SHALL BE PROPERLY PRIMED IN ACCORDANCE WITH THE PAINT MANUFACTURER'S RECOMMENDATIONS.

P14. ANY STEEL BEAMS INSTALLED SHALL BE PRIMED, AT A MINIMUM. ALL EXISTING STRUCTURAL STEEL BEAMS ARE FIREPROOFED. ANY NEW STRUCTURAL STEEL INSTALLED IN THE EXISTING BUILDING SHALL BE FIREPROOFED.

GENERAL NOTES - CEILING

1. CENTER ALL CEILING GRIDS IN ROOMS TO MAXIMUM EXTENT POSSIBLE, UNLESS OTHERWISE NOTED. SEE CEILING PLANS FOR COMPLETE INFORMATION. COORDINATE WITH SPRINKLER, MECHANICAL, PLUMBING, ELECTRICAL, STRUCTURAL AND EQUIPMENT DRAWINGS.
2. CENTER ALL FIXTURES WITHIN CEILING TILE UNLESS OTHERWISE NOTED. COORDINATE WITH ELECTRICAL DRAWINGS.
3. REFER TO ROOM FINISH SCHEDULES FOR CEILING HEIGHTS.
4. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING ACCESS POINTS WHICH MAY BE REQUIRED AT AREAS FOR MECHANICAL AND ELECTRICAL ACCESS SERVICE WORK.
5. ALL ELECTRICAL AND SAFETY DEVICES SHALL BE CENTERED IN CEILING GRIDS AND COORDINATE WITH REFLECTED CEILING PLANS AND ELECTRICAL DRAWINGS.
6. COORDINATE THE LOCATIONS OF MECHANICAL SUPPLY AND RETURN GRILLES WITH REFLECTED CEILING PLANS AND MECHANICAL DRAWINGS.
7. RELOCATE EXISTING SPRINKLER HEADS AS PER NEW REFLECTED CEILING PLAN GRIDS.
8. RELOCATE EXISTING SPRINKLER HEADS WHERE SPRINKLER HEADS CONFLICT WITH LIGHTING, GRIDS OR DEVICES.
9. COORDINATE LOCATION OF SPRINKLER HEADS WITH DIFFUSERS AND LIGHTING LAYOUT.
10. REFER TO FIRE PROTECTION DRAWINGS FOR NEW SPRINKLER LAYOUT.

SECURITY, FIRE PROTECTION, AND CONTROL SYSTEM NOTES

1. THIS WORK ENTAILS INTERFACING WITH PROPRIETARY IT SYSTEMS: FIRE PROTECTION, ALARMING, SECURITY AND CONTROLS.
2. INFORMATION ON THESE SYSTEMS IS CONTROLLED BY SPECIFIC SYSTEMS CONTRACTOR.
3. CONTRACTOR SHALL WORK WITH VA AND SYSTEMS CONTRACTORS TO DETERMINE WIRE ROUTING, WIRING TYPES FOR EACH SYSTEM, END POINTS OF CONTRACTOR INSTALLED WIRING AND ANY MODIFICATIONS REQUIRED TO SYSTEMS HARDWARE.
4. ALL WIRING ON THESE SYSTEMS IS SHOWN AS "TYPICAL" AND MAY BE REVISED BASED ON SYSTEMS CONTRACTORS GUIDANCE.

MISCELLANEOUS

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO COMMENCING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF DIMENSIONS SHOWN ON THE DRAWINGS. NOTIFY THE VA/COR OF ANY DISCREPANCY BEFORE STARTING WORK.
3. A SUCCESSFUL REVIEW OF SHOP DRAWINGS AND SUBMITTALS BY THE ARCHITECT/ENGINEER DOES NOT RELIEVE CONTRACTOR OF THE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS BEFORE SUBMITTAL TO VA/COR. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO DETAILS AND GIVEN DIMENSIONS IN THE CONTRACT DOCUMENTS AND FULL COMPLIANCE WITH THE BASIS-OF-DESIGN CRITERIA.
4. CONTRACTOR SHALL OBTAIN VA/COR WRITTEN APPROVAL PRIOR TO PROCEEDING WITH ANY CHANGES OR VARIANCES FROM THE INFORMATION PROVIDED HEREIN.

GENERAL NOTES - CONSTRUCTION PERIOD STAGING OF WORK

NORMAL WORK SHIFT HOURS FOR THE BUFFALO VA MEDICAL CENTER ARE 7:00AM UNTIL 5:00PM DAILY, MONDAY THROUGH FRIDAY

1. CERTAIN WORK ITEMS AND CONSTRUCTION ACTIVITIES THAT CREATE NOISE, DUST, VIBRATIONS AND THAT WOULD CREATE DISTURBANCES TO THE MEDICAL CENTER AND/OR ANY OF THE ADJACENT OCCUPIED AREAS WILL NEED TO BE PERFORMED DURING PERIODS OF AFTERHOURS/OFF-HOURS WORK. ITEMS THAT WILL REQUIRE AFTER HOURS ACTIVITIES SHALL BE FULLY COORDINATED WITH VA COR PRIOR TO START OF CONSTRUCTION.
2. AFTERHOURS/OFF-HOURS OF OPERATION SHALL BE SCHEDULED FOR THE FOLLOWING DAYS AND TIMES AS COORDINATED, SCHEDULED AND AUTHORIZED BY THE COR:
   a. MONDAY THROUGH FRIDAY - 5 PM UNTIL 12 AM
   b. WEEKENDS (AS ALLOWED) - TIMES TO BE DETERMINED WITH THE COR
   c. CONTRACTOR SHALL COORDINATE ALL AFTER HOURS AND WEEKEND WORK WITH NOISE ORDINANCE REQUIREMENTS FOR THE CITY OF BUFFALO AND SURROUNDING JURISDICTIONS.
4. THE FOLLOWING CONSTRUCTION ACTIVITIES SHALL BE CONSIDERED AFTER HOURS/OFF-HOURS OPERATIONS:
   a. THE MOVING OF CONSTRUCTION MATERIALS, EQUIPMENT, TOOLS AND/OR DEMOLITION MATERIALS TO/FROM THE EXTERIOR TO INTERNAL AREAS OF WORK
   b. ALL WORK IN THE ADJACENT OCCUPIED SPACES TO THE CURRENT STAGE/AREA OF WORK
   c. ALL WORK THAT WILL REQUIRE SYSTEM SHUTDOWNS
   d. ALL CONCRETE OR METAL DECKING CORING, CUTTING OR DRILLING
   e. THE APPROVED USE OF POWER ACTUATED FASTENERS
   f. ALL WORK (DEMOLITION OR NEW) THAT WILL CAUSE IMPACT NOISE AND VIBRATIONS THAT CAN BE HEARD OR FELT IN THE SURROUNDING ADJACENT OCCUPIED SPACES/AREAS
   g. CONTRACTOR MUST PARK WITHIN APPROVED CONSTRUCTION AREA OR AT DESIGNATED AREAS AT FAR PORTIONS OF EXISTING CAMPUS PARKING LOTS. CAMPUS PARKING IS LIMITED AND PRIORITY IS GIVEN TO PATIENTS AND STAFF.

WEEKEND AND HOLIDAY HOURS SHALL BE AS ALLOWED AND COORDINATED WITH THE VA COR.

GENERAL SCOPE OF WORK (SOW) DESCRIPTION

THE SCOPE OF WORK FOR THIS PROJECT INCLUDES AN ADDITION OF TWO NEW PARKING LEVELS TO THE TOP OF THE EXISTING THREE-LEVEL PARKING STRUCTURE. A NEW STAIR TOWER WITH TWO ELEVATORS WILL BE CONSTRUCTED FOR THE WHOLE COMBINED HEIGHT OF THE GARAGE. ADJACENT PARKING, DROP OFF, AND ROADWAY WORK WILL BE RECONFIGURED AS INDICATED IN THE DOCUMENTS.

1. ADDITION OF TWO NEW PARKING LEVELS OF APPROXIMATELY 53,000 GSF EACH TO THE TOP OF THE EXISTING THREE-STORY PARKING STRUCTURE.
2. ADDITION OF NEW STAIR TOWER WITH FOOTPRINT OF APPROXIMATELY 1,500 GSF TO INCLUDE NEW STAIRS AND TWO NEW ELEVATORS SPANNING THE FULL HEIGHT OF THE COMBINED GARAGE LEVELS.
3. ADDITION OF SCREENING AND SIGNAGE THROUGHOUT THE GARAGE FOR SAFETY AND WAYFINDING.
4. NEW ROADWAY TO THE EAST OF THE GARAGE FOR BETTER TRAFFIC FLOW AND FUTURE PARKING GARAGE EXPANSION.
5. RECONFIGURED ACCESSIBLE PARKING AND DROP-OFF LANE AT THE NORTH SIDE OF THE PARKING GARAGE.
6. RECONFIGURED PEDESTRIAN CROSSINGS FROM THE PARKING GARAGE TO THE MEDICAL CENTER ENTRANCE.
7. RESTORATION WORK ON EXISTING PARKING STRUCTURE LEVELS.
8. REPAINTING OF PARKING STRIPING AS SHOWN AND REQUIRED.

BID DEDUCT ALTERNATES AND DESCRIPTIONS

THE FOLLOWING LIST DESCRIBES THE BID DEDUCT ALTERNATES THROUGHOUT THE PROJECT AS NUMBERED IN THE CONTRACT DOCUMENTS

DEDUCT ALTERNATE #1: DELETE ALL SITE RELATED WORK IN PARKING LOT B
- THIS DEDUCT DELETES:
  -- THE NEW TRAFFIC ISLANDS ADJACENT TO PARKING LOT B
  -- SIGNAGE AND STRIPING AT THE NORTH END OF PARKING LOT B
  -- ADDITIONAL HANDICAP PARKING AND RELOCATION OF THE EXISTING WHEELCHAIR HUT
- PARKING LOT B WOULD REMAIN AS EXISTING WITH NO SCOPE OF WORK
- REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION

DEDUCT ALTERNATE #2: SUBSTITUTE OR REMOVE VINYL WAYFINDING GRAPHICS
- THIS DEDUCT:
  -- SUBSTITUTES THE USE VINYL WALL GRAPHICS ON THE SOUTH WALL OF STAIR #1 FOR SOLID COLOR PAINT, ALL LEVELS
  -- DELETES PAINTED WAYFINDING STRIPE AND ARROWS FROM THE PARKING DECK, ALL LEVELS
- THE SUBSTITUTION DOES NOT ALTER THE SCOPE AS INDICATED IN THE DRAWINGS.
- VINYL GRAPHICS WILL REMAIN ON THE GLAZED ENTRY WALL TO STAIR #1 AS INDICATED IN THE DRAWINGS.
- THE PAINTED CROSSWALK SHOWN ON THE PARKING DECK WILL REMAIN AS INDICATED IN THE DRAWINGS.
- REFER TO ARCHITECTURAL WAYFINDING SHEETS FOR ADDITIONAL INFORMATION.

DEDUCT ALTERNATE #3: DELETE PHOTOVOLTAIC CANOPY
- THIS DEDUCT:
  -- DELETES ALL SOLAR PANELS, ELECTRICAL COMPONENTS, AND ASSOCIATED STRUCTURE FROM THE UPPER LEVEL OF THE PARKING GARAGE
  -- DELETES ALL LINEAR SUSPENDED LIGHT FIXTURES UNDER THE CANOPY
  -- INSTALLS SALVAGED LIGHT POLES ON THE UPPER LEVEL OF THE GARAGE
- REFER TO ARCHITECTURAL PLANS, ARCHITECTURAL SECTIONS, AND ELECTRICAL LIGHTING PLANS FOR ADDITIONAL INFORMATION

DEDUCT ALTERNATE #4: DELETE SELECT EXTERIOR SCREEN SYSTEMS AND LARGE SIGNAGE
- THIS DEDUCT DELETES:
  -- PORTION OF ARCHITECTURAL SCREEN SYSTEM FROM THE EXTERIOR FACADE ON THE SOUTH ELEVATION OF THE GARAGE
  -- CURTAIN GLAZING SYSTEM ON THE EXTERIOR FACADE ON THE WEST ELEVATION OF THE GARAGE
  -- METAL "VA" LETTER SIGNAGE ACCOMPANYING THE GLAZING AND SCREEN SYSTEMS MENTIONED ABOVE ON BOTH THE WEST AND SOUTH ELEVATIONS.
- REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR ADDITIONAL INFORMATION.

DEDUCT ALTERNATE #5: DELETE PORTION OF STRUCTURAL RESTORATION WORK
- THIS DEDUCT DELETES THE FOLLOWING PORTIONS OF STRUCTURAL RESTORATION WORK WITHIN THE EXISTING GARAGE:
  -- JOINT SEALANT WORK
  -- RECOAT EXISTING WATER PROOFING MEMBRANE
  -- REPLACE DAMAGED WATERPROOFING MEMBRANE
  -- INJECT LEAKING WALL CRACKS
  -- REPLACE STAIR TOWER JOINT SEALANTS
  -- PLUMBING REPAIR ALLOWANCE
  -- APPLY SILANE SEALER WITH CORROSION INHIBITOR
  -- WATERPROOFING MEMBRANE STRIPS TO SUPPORTED LEVELS
- REFER TO STRUCTURAL RESTORATION DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

DEDUCT ALTERNATE #6: DELETE INFILL SCREEN SYSTEMS
- THIS DEDUCT DELETES THE ARCHITECTURAL SCREEN SYSTEMS INFILLING OPENINGS AT ALL LEVELS OF THE GARAGE
- REMOVES DEMOLITION OF EXISTING STEEL RAILING AT EXISTING LEVELS OF THE GARAGE
- ADDS STEEL RAILING AND FABRIC MESH PANELS BETWEEN TOP/BOTTOM PRECAST PANELS TO ALL OPENINGS
- REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR ADDITIONAL INFORMATION.

DEDUCT ALTERNATE #7: DELETE ONE ELEVATOR INSTALLATION
- THIS DEDUCT DELETES THE INSTALLATION OF ONE ELEVATOR WITHIN THE NEW STAIR / ELEVATOR TOWER
- THE PRECAST STRUCTURE WILL CONTINUE TO BE CONSTRUCTED AS DESIGNED WITH BOTH ELEVATOR SHAFTS
- ONLY ONE ELEVATOR WILL BE INSTALLED ON ONE SIDE OF THE SHAFT
- DOOR OPENINGS WHERE THE SECOND ELEVATOR WOULD HAVE BEEN BUILT WILL BE FILLED IN WITH CONCRETE MASONRY UNITS

DEDUCT ALTERNATE #8: SUBSTITUTE GLASS GUARDRAILS
- THIS DEDUCT SUBSTITUTES THE GLASS GUARDRAILS IN STAIR #1 FOR PAINTED STEEL GUARDRAILS
- PAINTED STEEL GUARDRAILS SHALL MATCH THOSE BEING CONSTRUCTED IN STAIR #2
- STAINLESS STEEL HANDRAIL SHALL REMAIN AS DESIGNED
- REFER TO ENLARGED ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION

DEDUCT ALTERNATE #9: SUBSTITUTE ALUMINUM CURTAINWALL FOR PRECAST CONCRETE PANELS
- THE DEDUCT:
  -- DELETES ALUMINUM WINDOWS / OPENINGS IN SOUTH WALL OF STAIR #1
  -- SUBSTITUTES A PORTION OF ALUMINUM CURTAINWALL FOR PRECAST CONCRETE CONSTRUCTION IN STAIR #1
  -- SUBSTITUTION WILL ALSO ELIMINATE A PORTION OF STEEL STRUCTURAL FRAMING WITHIN STAIR #1
- REFER TO DETAIL 1 THIS SHEET FOR ADDITIONAL INFORMATION

1 PARTIAL FL. PLAN - DEDUCT ALT. #9

1/8"=1'-0"

0 2' 4' 8' 16'

ISSUE FOR BID	08-09-2024
Revisions:	Date:

CONSULTANT

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
GENERAL - PROTECTION PROTOCOL, SCOPE OF WORK, DEDUCT ALTERNATES	ISSUE FOR BID	PARKING RAMP EXPANSION	528-18-375
			Building Number: 29
Approved: Project Director		Location: 3495 BAILEY AVE., BUFFALO, NY 14215	Drawing Number
		Issue Date: 08-09-2024 / Checked: CZ / Drawn: RB	GI002

VA FORM 08 - 6231

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GENERAL DEMOLITION NOTES

GENERAL NOTES FOR CONTRACTORS: SEE ALL PROJECT GENERAL NOTES AND OTHER REQUIREMENTS INCLUDING THE LIFE SAFETY AND INFECTION CONTROL WORK LOCATED WITHIN THE GENERAL DRAWINGS SECTION. COMPLY WITH ALL REQUIREMENTS AS THEY ARE A DIRECT PART OF THIS SECTION AS IF THEY WERE DIRECTLY INCLUDED AND PROVIDED HEREIN.
PROTECTION PROTOCOLS: VERIFY AND COORDINATE ALL PROTECTION REQUIREMENTS TO BE PROVIDED FOR EACH SPECIFIC AREA OR LOCATION OF SCHEDULED WORK WITH THE VA/COR, BEFORE BEGINNING ANY WORK. WHEN PERFORMING DEMOLITION WORK IN ANY OCCUPIED SPACES FOLLOW THE "OCCUPIED AREAS PROTECTION PROTOCOLS" UNLESS MODIFIED IN WRITING BY THE VA/COR ON A CASE BY CASE BASIS.

1. BEFORE BEGINNING ANY DEMOLITION WORK EACH CONTRACTOR AND DISCIPLINE SHALL PERFORM A FULL EXAMINATION OF ALL AREAS OF WORK AND FULLY VERIFY ALL EXISTING CONDITIONS ALONG WITH ALL OF THE AREAS OF WORK FOR ANY UNFORESEEN CONDITIONS OR DISCREPANCIES FROM THE DOCUMENTATION THAT WOULD AFFECT THEIR WORK AND/OR THE WORK OF OTHERS. ANY UNFORESEEN CONDITIONS OR DISCREPANCIES DISCOVERED ARE TO BE IMMEDIATELY IDENTIFIED AND COORDINATED WITH THE GENERAL/PRIME CONTRACTOR WHO SHALL IN TURN DOCUMENT AND PROMPTLY REPORT ANY SUCH CONDITIONS DIRECTLY TO THE VA/COR FOR DIRECTION ON HOW TO PROCEED BEFORE ALLOWING ANY WORK TO BEGIN.

2. ALL REQUIRED DEMOLITION WORK IS NOT NECESSARILY LIMITED TO WHAT IS ONLY SPECIFICALLY SHOWN OR DIRECTLY CALLED OUT ON THE DEMOLITION PLANS OR THAT IS ONLY SPECIFICALLY IDENTIFIED WITHIN THE DEMOLITION NOTES DESCRIPTIONS. THE INTENT OF THE DOCUMENTATION IS TO GENERALLY IDENTIFY THE MORE SPECIFIC MAJOR ELEMENTS OF WORK IN PLACE THAT SHALL REQUIRE REMOVAL AND/OR REWORK IN ORDER TO ACCOMPLISH THE DESIGN INTENT OF THE DOCUMENTS. THE FULL EXTENT OF DEMOLITION WORK COULD INCLUDE BUT NOT NECESSARILY BE LIMITED TO ALL AFFECTED LESSER ELEMENTS OF ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, MEDICAL GASES, FIRE PROTECTION SPRINKLER SYSTEMS AND ALL ELECTRICAL SYSTEMS WORK INCLUDING HIGH AND LOW VOLTAGE POWER, COMMUNICATION SYSTEMS SUCH AS CCTV, SECURITY, IT DATA, LIFE SAFETY, FIRE PROTECTION, NURSE CALL, PA, BAS CONTROLS SYSTEMS, TEMPERATURE AND OTHERWISE, ETC.

3. ALL REQUIRED DEMOLITION WORK IS NECESSARY TO FACILITATE THE EXTENT OF BOTH THE NEW CONSTRUCTION WORK AS WELL AS TO FACILITATE THE REPLACEMENT, RELOCATION AND/OR THE REWORKING OF THE EXISTING SYSTEMS. ANY REWORKING OF THE CURRENT ELEMENTS AND COMPONENTS CURRENTLY NEEDING TO BE MODIFIED IN ORDER TO PROPERLY SUPPORT THE COMPLETED PROJECT SHALL BE PROVIDED AS INTENDED TO CONFORM WITH THE ORIGINAL DESIGN INTENT WHETHER SPECIFICALLY CALLED FOR IN GREAT DETAIL WITH EVERY ANCILLARY ELEMENT FULLY NAMED AND IDENTIFIED OR AS CALLED OUT AS A GENERAL COMPONENT PORTION OF WORK THAT NEEDS TO BE PROPERLY REMOVED IN ORDER TO COMPLETE THE SCOPE OF WORK AS INTENDED TO COMPLY WITH ALL BASES OF DESIGN REQUIREMENTS.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE DEMOLITION AND REMOVAL OF ALL EXISTING WALLS, CEILINGS, SUSPENSION SYSTEMS, FLOORING, ELECTRICAL, TELEPHONE AND PLUMBING CONSTRUCTION AS WELL AS ALL MATERIALS, FINISHES AND EQUIPMENT THAT IS NOT SPECIFICALLY SHOWN OR CALLED FOR AS REQUIRED TO FACILITATE THE NEW CONSTRUCTION WORK INSIDE THE CONTRACT AREA, THE ADJACENT SPACES AND THE SPACES ABOVE AND BELOW. SOME ADDITIONAL ITEMS THAT MAY NOT BE SPECIFICALLY SHOWN IN GREAT DETAIL ON THE DEMOLITION PLAN THAT ARE A PART OF THE DEMOLITION WORK, BUT NOT LIMITED TO, ARE CASEWORK, SHELVING, BRACKETS, STANDARDS, DOOR HARDWARE, MISCELLANEOUS OTHER HARDWARE, SIGNAGE, FLOORING MATERIALS, WALL BASE, WOOD GROUNDS, WALL COVERING MATERIALS, BACKING LINERS OR BOARDS, ANY REMAINING MASTIC, GROUT, CAULKING AND SEALANTS, EXPOSED ANCHORS AND FASTENERS, FRAMING MATERIALS, BACKER BOARDS OR METAL PLATES, CHAIR RAILS, BRACKETS, HOOKS, SURFACE MOUNTED OR RECESSED ACCESSORIES, PRIVACY CURTAINS AND TRACKS, ETC.

5. ALL DEMOLITION WORK SHALL BE PERFORMED IN A SYSTEMATICALLY SAFE FULLY SUPERVISED COORDINATED AND PROPERLY MANAGED SEQUENCE OF WORK UNDER THE DIRECT SUPERVISION OF THE GENERAL/PRIME CONTRACTOR'S SUPERINTENDENT AND/OR THEIR MANAGEMENT PERSONNEL INCLUDING THE PERFORMANCE OF ANY ANCILLARY ELEMENTS OF SELECTIVE DEMOLITION.

6. ALL DEMOLITION, THE HANDLING OF MATERIALS AND EQUIPMENT ALONG WITH THE MOVEMENT OF THESE ELEMENTS THROUGHOUT THE FACILITY SHALL BE PERFORMED SO AS TO PREVENT DAMAGE TO ADJACENT IMPROVEMENTS AND FACILITIES TO REMAIN AS WELL AS TO PROVIDE SAFETY FOR ALL TRADESPEOPLE, STAFF, RESIDENTS/PATIENTS, VISITORS AND SERVICE PROVIDERS.

7. PROVIDE ALL PHYSICAL AND ENVIRONMENTAL PROTECTIVE MEASURES AS REQUIRED BY THE PROJECT DOCUMENTS, VA FEDERAL AND LOCAL REQUIREMENTS, APPLICABLE OSHA REGULATIONS, THE STATION AND ALL LOCAL INFECTION CONTROL AUTHORITIES, NFPA REQUIREMENTS, THE VA/COR AND ALL OTHER REGULATORY AGENCIES AND VA AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT.

8. PROVIDE ALL TEMPORARY PARTITIONS, PROTECTION, DOOR ACCESS UNITS, ENCLOSURES, WALKWAYS, FENCING, RAILINGS, CANOPIES, AIR FILTRATION DEVICES, VESTIBULES, AIRLOCKS, ETC., WHERE REQUIRED BY THE CONTRACT DOCUMENTS, THE VA/COR AND ALL AUTHORITIES HAVING JURISDICTION OVER THE PROJECT AND SHALL BE SURE TO MAINTAIN ADEQUATE AND SAFE EMERGENCY MEANS OF EGRESS FROM ALL AREAS. ALL SUCH WORK NEEDING TO BE PROVIDED WILL REQUIRE VA/COR REVIEW AND APPROVAL BEFORE BEGINNING ANY OF SUCH WORK.

9. GREAT CARE SHALL BE TAKEN WHEN PERFORMING SELECTIVE DEMOLITION IN THE UTILIZATION OF MORE SENSITIVE AND LESS INVASIVE METHODS OF DEMOLITION/REMOVAL, AS WELL AS PROVIDING THE APPROPRIATE ENHANCED PROTECTIVE BARRIERS IN ORDER TO PROVIDE FOR THE LEAST AMOUNT OF DAMAGE TO THE WORK THAT IS TO REMAIN IN PLACE. EXISTING FINISHED SURFACES, MATERIALS AND EXPOSED EQUIPMENT THAT WOULD RECEIVE SIGNIFICANT AMOUNTS OF SURFACE DAMAGE AND WOULD REQUIRE SIGNIFICANT AMOUNTS OF PATCHING, REPAIRS AND REFINISHING WORK SHALL BE DEEMED AS DAMAGED AND UNUSABLE AND WILL NEED TO BE REPLACED IN WHOLE BY THE RESPONSIBLE CONTRACTOR AND ITS REPLACEMENT ONCE COMPLETED WILL NEED TO RECEIVE VA/COR APPROVAL.

10. WHERE EXISTING FLOOR FINISHES ARE TO BE FULLY REMOVED TO ALLOW FOR THE INSTALLATION OF NEW, PROVIDE FOR THE COMPLETE REMOVAL OF THE EXISTING FLOOR FINISHES ALONG WITH ALL ASSOCIATED ATTACHMENT SYSTEMS SUCH AS MASTICS, ADHESIVES, TACKLESS STRIPS, STAPLES, SETTING BEDS OF GROUT, MORTAR OR CONCRETE, CARPET PADDING, ATTACHED SUBFLOORING MATERIALS, ETC. AS REQUIRED TO GET DOWN TO THE EXISTING STRUCTURAL FLOOR SUBSTRATE THAT CAN BE PROPERLY PATCHED, REPAIRED, LEVELED AND MADE READY TO RECEIVE THE NEW FLOOR FINISHES.

11. ITEMS INDICATED TO BE REMOVED AND SALVAGED FOR THE VA SHALL REMAIN THE VA'S PROPERTY AND SHALL BE CAREFULLY REMOVED, CLEANED AND PROTECTED FROM DAMAGE BY THE CONTRACTOR RESPONSIBLE AT ALL TIMES. ALL SUCH ITEMS INDICATED TO BE SALVAGED WILL BE PACKAGED AND/OR CRATED AS REQUIRED BY THE VA/COR TO PROPERLY PROTECT THEM FROM DAMAGE CAUSED BY THE HANDLING, MOVING AND/OR THE STORAGE OF THESE ITEMS. ALL PACKAGES AND/OR CRATES OF ITEMS SHALL HAVE THEIR CONTENTS CLEARLY MARKED AND FULLY IDENTIFIED ON BOTH THE TOP AND ONE SIDE OF EACH CONTAINER TO BE COORDINATED WITH AND APPROVED BY THE VA/COR. DELIVER ALL SALVAGED MATERIALS TO THE LOCATIONS INDICATED IN THE PROJECT DOCUMENTATION OR TO THE GOVERNMENT'S DESIGNATED STORAGE FACILITY ON THE STATION'S CAMPUS AS DIRECTED BY THE VA/COR.

12. UNLESS OTHERWISE INDICATED OR STATED TO BE SAVED, SALVAGED OR IDENTIFIED AS NEEDING TO REMAIN OR BE RELOCATED AND/OR REUSED, ALL ITEMS IDENTIFIED TO BE REMOVED, DEMOLISHED, SCRAPPED, ETC. BECOMES THE PROPERTY AND RESPONSIBILITY OF THE CONTRACTOR AND AS SUCH IT IS THEIR RESPONSIBILITY TO REMOVE ALL SUCH ITEMS FROM THE SITE ON A DAILY BASIS UNLESS OTHERWISE APPROVED BY THE VA/COR.

13. DEMOLITION ITEMS OF VALUE TO THE CONTRACTOR(S) ARE NOT TO BE STORED ON SITE AND NEED TO BE REMOVED ON A DAILY BASIS UNLESS OTHERWISE APPROVED BY THE VA/COR.

14. ALL ITEMS OF WORK THAT ARE IDENTIFIED AS EXISTING TO BE REMOVED AND REUSED/REINSTALLED SHALL BE CAREFULLY DISCONNECTED, DETACHED, REMOVED AND DISASSEMBLED AS REQUIRED FOR CONVENIENCE AND EASE OF HANDLING, MOVING AND FOR THEIR PROTECTION FROM DAMAGE. ALL SUCH ITEMS ARE TO BE INDIVIDUALLY WRAPPED, BOXED OR PLACED IN CARTONS FOR THE EASE OF HANDLING THE MATERIALS AND THEIR PLACEMENT IN A VA/COR IDENTIFIED PROTECTED AREA (TBD). EACH ITEM SHALL BE FULLY CLEANED, FREE FROM DAMAGE, PREPARED FOR SERVICE AND FULLY TESTED TO VERIFY ITS ABILITY FOR PROPER FUNCTIONAL REUSE. COORDINATE WITH VA COR FOR MOVING OF IDENTIFIED EQUIPMENT.

15. WHERE EXISTING MATERIALS, ITEMS OR EQUIPMENT ARE TO BE REMOVED FOR THEIR REPLACEMENT IN THE SAME LOCATION BY THE SAME OR SIMILAR NEW MATERIALS, ITEMS OR EQUIPMENT, CAREFULLY DISCONNECT, DETACH, DISASSEMBLE IF REQUIRED, REMOVE AND DISPOSE OF THE ITEMS INDICATED ALONG WITH ANY AND ALL ANCILLARY SYSTEM COMPONENTRY OR SUPPORT ITEMS ADDITIONALLY IDENTIFIED OR REQUIRED TO BE REPLACED.

16. WHERE STRUCTURAL SUPPORT OF EXISTING CONSTRUCTION ELEMENTS OR PORTIONS OF STRUCTURAL ELEMENTS TO REMAIN IS REQUIRED THE RESPONSIBLE CONTRACTOR PERFORMING THE WORK SHALL PROVIDE AND MAINTAIN ALL NECESSARY STRUCTURAL SUPPORTS, SHORING, STIFFENERS, BRACING, BEAMS, COLUMNS, FOOTINGS AND SUPPORTS AS NECESSARY TO ENSURE THE STABILITY OF THE ELEMENTS BEING SUPPORTED AND TO ADEQUATELY DISTRIBUTE ANY TEMPORARY LOADING SO AS NOT TO OVER LOAD ANY OF THE EXISTING STRUCTURE AND THE CONSTRUCTION BELOW. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL STRUCTURAL ENGINEERING ANALYSIS, CALCULATIONS AND SOLUTIONS FOR PROVIDING ANY SUCH WORK AND WILL NEED TO PROVIDE ALL SUCH PROPER DOCUMENTATION PREPARED BY A LICENSED STRUCTURAL ENGINEER TO THE VA/COR AS A SHOP DRAWING SUBMITTAL FOR PROPER REVIEW AND APPROVAL BEFORE BEING ALLOWED TO BEGIN ANY SUCH WORK.

17. ALL EXISTING CONSTRUCTION OR ITEMS INDICATED TO REMAIN IN PLACE AND OPERATION SHALL BE PROTECTED FROM DAMAGE BOTH DURING THE DEMOLITION OPERATIONS AS WELL AS THE NEW CONSTRUCTION EFFORTS. WHERE PRACTICABLE, AND WITH THE VA/COR'S APPROVAL, THE CONTRACTOR MAY ELECT TO REMOVE SUCH ITEMS TO A SUITABLE STORAGE LOCATION DURING THE DEMOLITION PHASE AND THEN PROPERLY CLEAN AND REINSTALL THE ITEMS WHEN APPLICABLE. IN NO CASE SHALL ANY LIFE SAFETY DEVICES, SYSTEMS OR MEASURES BE COMPROMISED BY THE TEMPORARY REMOVAL OF ANY NECESSARY ELEMENTS OF WORK, FOR THE CONVENIENCE OF THE CONTRACTOR, THAT WERE NOT PROPERLY REPLACED IN KIND WITH A SIMILAR PROPERLY OPERATING TEMPORARY DEVICE.

18. DURING THE COURSE OF SELECTIVE DEMOLITION OR REMOVAL OPERATIONS AND THE EXISTING SUBSTRATE MATERIALS/CONSTRUCTION IS DAMAGED BEYOND REASONABLE REPAIR, THE CONTRACTOR SHALL BE RESPONSIBLE TO FULLY REPLACE THE ENTIRE DAMAGED SECTION AND/OR SECTIONS. THIS DAMAGED AREA SHALL BE REMOVED AND REPLACED AS REQUIRED TO REPAIR THE SUBSTRATE TO A LIKE NEW CONDITION THAT CONTAINS NO IRREGULAR JOINT CONNECTIONS, CONDITIONS, DEFECTS, WEAKNESS OR WILL CAUSE ADVERSE EFFECTS THAT WILL RESULT IN ANY DIFFERENTIAL FINISHED SURFACE CONDITIONS OR AREAS OF JOINT WEAKNESS THAT WILL RESULT IN SURFACE CRACKING AND BE APPARENT THAT THE CONDITION IS IN FACT A PATCH/REPAIR.

19. REFER TO ALL ENGINEERING DISCIPLINE DRAWINGS AND DOCUMENTATION FOR THE BASIC EXTENT BEING REQUIRED FOR ALL INFRASTRUCTURE AND SYSTEMS DEMOLITION AS WELL AS FOR IDENTIFYING ALL EXISTING EQUIPMENT, PIPING, CONDUITS, DUCTWORK, WIRING, CONTROLS, ETC. THAT ARE INTENDED TO REMAIN WITHIN ANY OF THE AREAS OF DEMOLITION, THE AREAS OF REWORKING OF EXISTING SYSTEMS AND THE AREAS OF NEW WORK.

20. UNLESS OTHERWISE NOTED ALL EXISTING PARTITION CONSTRUCTION WITHIN THE PROJECT AREA OF WORK SCHEDULED TO RECEIVE NEW FINISHES SHALL HAVE ALL EXISTING FINISHES REMOVED INCLUDING BUT NOT LIMITED TO ALL CERAMIC TILE, VINYL WALL COVERING, WOOD PANELING, WAINSCOT MATERIALS, GROUT, MASTIC, WALL COVERING BACKING, WALL BASE, ADHESIVE, STAPLES, EXPOSED FASTENERS, ETC. SUCH THAT THE SUBSTRATE WALL/PARTITION SURFACES REQUIRE NO FURTHER DEMOLITION AND ARE PREPARED TO RECEIVE ALL REQUIRED PATCHING, REPAIRS, RESURFACING AND REFINISHING AS REQUIRED TO PROPERLY RECEIVE THE NEW FINISHES.

21. 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.

22. ALL NEW WORK ALONG WITH ANY PORTIONS OF EXISTING EQUIPMENT, MATERIALS OR REWORKED ELEMENTS WHEN COMPLETED SHALL FULLY COMPLY WITH ALL BASES OF DESIGN REQUIREMENTS.

23. 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.

24. 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.

25. 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.

26. 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 PROCEEDING WITH ANY SUCH REQUIRED PENETRATIONS WORK.

27. 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 OR AS APPROVED BY THE VA/COR.

DEMOLITION PLAN LEGEND

EXISTING CONSTRUCTION TO REMAIN

EXISTING CONSTRUCTION TO BE REMOVED IN ITS ENTIRETY, INCLUDING WALL SWITCHES, OUTLETS, THERMOSTATS, ETC. PATCH ABUTTING WALLS, FLOORS AND CEILINGS AS REQUIRED. REMOVE EXISTING ITEMS SCHEDULED TO REMAIN AS NECESSARY TO ALLOW THE COMPLETE DEMOLITION OF SELECTED ITEMS. REPAIR/REPLACE EXISTING ITEMS ONCE DEMOLITION IS COMPLETED.

EXISTING DOOR TO BE REMOVED.

Revisions:	Date:
ISSUE FOR BID	08-09-2024

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LICENSED ARCHITECT CROTAN D. ZAKARIJA 001-023355 STATE OF ILLINOIS 8/9/24

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: GENERAL - GENERAL DEMOLITION NOTES

Approved: Project Director

Phase: ISSUE FOR BID

Project Title: PARKING RAMP EXPANSION

Location: 3495 BAILEY AVE., BUFFALO, NY 14215

Issue Date: 08-09-2024

Checked: CZ

Drawn: RB

Project Number: 528-18-375

Building Number: 29

Drawing Number: GI003

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APPLICABLE CODES AND STANDARDS

NOTE: ALL APPLICABLE CODES AND STANDARDS ARE THE NEWEST VERSION AS OF OCTOBER 2021.

- 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/).
- NFPA 101 LIFE SAFETY CODE, 2021 (SEE NOTE 'A' BELOW).
- NFPA NATIONAL FIRE CODES WITH THE EXCEPTION OF NFPA 5000 AND NFPA 900, 2021.
- VA FIRE PROTECTION DESIGN MANUAL / 8TH EDITION (JUNE 1, 2021).
- INTERNATIONAL FIRE PROTECTION CODE, 2021.
- INTERNATIONAL BUILDING CODE (IBC), 2021 (SEE NOTE 'A' BELOW).
- OCCUPATIONAL, SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS. 2021.
- NATIONAL ELECTRICAL CODE (NEC), 2020.
- NATIONAL ELECTRIC MANUFACTURERS ASSOCIATION (NEMA)
- NATIONAL FIRE ALARM CODE (NFPA 72) (2019)
- NFPA 110 - STANDARD FOR EMERGENCY AND STANDBY POWER SYSTEMS. (2019)
- NFPA 75 - STANDARD FOR FIRE PROTECTION OF INFORMATION TECHNOLOGY EQUIPMENT, 2020.
- INTERNATIONAL PLUMBING CODE (IPC), 2021.
- ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARDS (ABAAS) INCLUDING VA SUPPLEMENT, BARRIER FREE DESIGN GUIDE (PG-18-13). (2017)
- BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, AMERICAN CONCRETE INSTITUTE AND COMMENTARY (ACI 318) 1972.
- MANUAL OF STEEL CONSTRUCTION, LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) 2017.
- ENERGY POLICY ACT OF 2005 (EPACT2005)
- INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2021
- INTERNATIONAL MECHANICAL CODE (IMC), 2021
- UNDERWRITER'S LABORATORIES (UL)SHEET METAL AND AIR CONDITIONING CONTRACTORS ASSOCIATION (SMACNA)
- FACTORY MUTUAL (FM)
- EXECUTIVE ORDER 13423: STRENGTHENING FEDERAL ENVIRONMENTAL, ENERGY, AND TRANSPORTATION MANAGEMENT. (2007)
- THE PROVISIONS FOR CONSTRUCTION AND SAFETY SIGNS. STATED IN THE GENERAL REQUIREMENTS SECTION 01010 OF THE VA MASTER CONSTRUCTION SPECIFICATION.
- VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY – ASHRAE STANDARD 62.1, 2022.
- SAFETY STANDARD FOR REFRIGERATION SYSTEMS – ASHRAE STANDARD 15, 2022.

NOTE A: DESIGN FEATURES NOT ADDRESSED BY NFPA 101 OR DOCUMENTS REFERENCED THEREIN SHALL COMPLY WITH THE REQUIREMENTS OF IBC AND OTHER CODES & STANDARDS LISTED OR REFERENCED.

BUILDING INFORMATION

	NFPA (2021)		IBC (2021)		PROVIDED
	SECTION	REQUIREMENT	SECTION	REQUIREMENT	
BUILDING CONSTRUCTION TYPE	NFPA 220 TABLE 4.1.1	TYPE II (000)	TABLE 601	TYPE IIB	TYPE II (000) / IIB
BUILDING OCCUPANCY CLASS	NFPA 101 SECTIONS 6.1.13, 42.8.1.4	STORAGE, ORDINARY HAZARD	SECTION 311	LOW-HAZARD STORAGE, S-2	STORAGE / S-2
ALLOWABLE HEIGHT	N/A	N/A	TABLE 406.5.4	8 TIERS	5 TIERS / 60 FEET
HEIGHT FOR AREA INCREASE	N/A	N/A	SECTION 406.5.5	MAX 75 FEET	
ALLOWABLE BUILDING AREA PER TIER	N/A	N/A	TABLE 406.5.4	50,000 SF	54,310 SF
AREA INCREASE PER CODE	N/A	N/A	SECTION 406.5.5	UNLIMITED	

PROJECT SIZE AND OCCUPANCY LOADS

	NFPA 101 (2021) TABLE 7.3.1.2		IBC (2021) TABLE 1004.5		PROVIDED
	OCCUPANCY	LOAD FACTOR	OCCUPANCY	LOAD FACTOR	
OCCUPANCY LOAD FACTOR	STORAGE	MAX PROBABLE	PARKING GARAGES	200 GROSS	1,221 TOTAL OCCUPANTS
PROJECT SIZE INFORMATION	EXISTING TO REMAIN	RENOVATION	NEW CONSTRUCTION	TOTAL	OCCUPANTS
LEVEL 1	25,065 SF	0 SF	1,495 SF	26,560 SF	133 OCCUPANTS
LEVEL 2	52,900 SF	0 SF	1,495 SF	54,395 SF	272 OCCUPANTS
LEVEL 3	52,900 SF	0 SF	1,495 SF	54,395 SF	272 OCCUPANTS
LEVEL 4	0 SF	0 SF	54,395 SF	54,395 SF	272 OCCUPANTS
LEVEL 5	0 SF	0 SF	54,395 SF	54,395 SF	272 OCCUPANTS
TOTAL PROJECT SIZE	**141,215 SF**	**0 SF**	**114,018 SF**	**255,233 SF TOTAL**	

AUTOMATIC FIRE SUPRESSION

OCCUPANCY CLASS	LOW-HAZARD STORAGE, S-2	REQUIREMENT		
APPLICABLE FIRE SUPRESSION SYSTEM	903.2.10	An automatic sprinkler system shall be provided through building classified as parking garages where any of the conditions exisit		
	CONDITION MET	3. Where the fire are of the open parking garage in accordance with Section 406.5 exceeds 48,000 square feet.		

TABLE 406.5.4 OPEN PARKING GARAGES AREA AND HEIGHT

TYPE OF CONSTRUCTION	AREA PER TIER (square feet)	HEIGHT (in tiers)		
		Ramp access	Mechanical access	
			Automatic sprinkler system	
			No	Yes
IA	Unlimited	Unlimited	Unlimited	Unlimited
IB	Unlimited	12 tiers	12 tiers	18 tiers
IIA	50,000	10 tiers	10 tiers	15 tiers
IIB	50,000	8 tiers	8 tiers	12 tiers
IV	50,000	4 tiers	4 tiers	4 tiers

EGRESS REQUIREMENTS

	NFPA 101 (2021)		IBC (2021)		
	SECTION	REQUIREMENT	SECTION	REQUIREMENT	PROVIDED / ACTUAL
OCCUPANT LOAD	TABLE 7.3.1.2	MAX. PROBABLE NUMBER OF OCCUPANTS AT ANY TIME	TABLE 1004.5	200 SF GROSS/ PERSON	272 PERSONS PER TIER
NUMBER OF EXITS	42.8.2.4.2	TWO EXITS	1006.2.1, 1006.3.3	TWO EXITS	2 MIN. PROVIDED
SEPARATION OF EXITS	7.5.1.3.2	MIN. 1/2 OF MAX DIAGONAL DISTANCE = 340'-0" / 2 = 170'-0"	1007.1.1	MIN. 1/2 OF MAX DIAGONAL DISTANCE = 340'-0" / 2 = 170'-0"	220' - 0" MIN. PROVIDED (EXISTING TO REMAIN)
MAXIMUM TRAVEL DISTANCE TO EXIT	TABLE 42.8.2.6.1	300' (400' OPEN GREATER THAN 50% ON ALL SIDES), TRAVEL ALONG STAIR UNLIMITED	TABLE 1017.2	300'	SEE GI-100
COMMON PATH OF TRAVEL DISTANCE	42.8.2.5.1	50'	TABLE 1006.2.1	100'	20'-0"
DEAD END CORRIDORS	42.8.2.5.2	50'	1020.5	20'	26'-0" (MEETS 1020.5 EXCEPTION 3)
CORRIDOR SEPARATION	N/A	N/A	TABLE 1020.2	NO RATING REQ'D	NOT REQUIRED
SUITE SEPARATION	N/A	N/A	N/A	N/A	N/A
BUILDING CORRIDOR WIDTH (MIN. REQUIRED)	7.3.3.1, 7.3.4.1(2)	0.2" PER PERSON / 36"	TABLE 1020.3	44"	44" MIN
EGRESS DOOR WIDTH (MIN. REQ'D)	7.2.1.2.3	32"	1010.1.1, 1010.1.2.1	32" CLEAR, SWING IN DIRECTION OF TRAVEL FOR >50 OCCUPANTS	36" DOORS
STAIR WIDTH	TABLE 7.3.3.1	0.3" PER PERSON	406.5.7, 1005.3.1	36"	42" MIN.

FIRE RESISTIVE REQUIREMENTS

	NFPA 220 (2021)		IBC (2021)		PROVIDED/ ACTUAL
	SECTION	REQUIREMENT	SECTION	REQUIREMENT	
BEARING WALLS					
EXTERIOR BEARING WALL	TABLE 4.1.1	0 HOUR	TABLE 601	0 HOUR	0 HOUR
INTERIOR BEARING WALL	TABLE 4.1.1	0 HOUR	TABLE 601	0 HOUR	0 HOUR
PRIMARY STRUCTURAL FRAME			TABLE 601	0 HOUR	0 HOUR
COLUMNS	TABLE 4.1.1	0 HOUR			0 HOUR
BEAMS, GIRDERS, TRUSSES, ARCHES	TABLE 4.1.1	0 HOUR			0 HOUR
NONBEARING WALLS AND PARTITIONS					
EXTERIOR	TABLE 4.1.1	0 HOUR	TABLE 601	0 HOUR	0 HOUR
INTERIOR	TABLE 4.1.1	0 HOUR	TABLE 601	0 HOUR	0 HOUR
FLOOR CONSTRUCTION	TABLE 4.1.1	0 HOUR	TABLE 601	0 HOUR	0 HOUR
ROOF CONSTRUCTION	TABLE 4.1.1	0 HOUR	TABLE 601	0 HOUR	0 HOUR
EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE					
< 5 FEET	NFPA 80A (2017), TABLE 4.3.7.3	N/A	TABLE 705.5	1 HOUR	N/A
5 ≤ x < 10 FEET	NFPA 80A (2017), TABLE 4.3.7.3	N/A	TABLE 705.5	1 HOUR	N/A
10 ≤ x < 30 FEET	NFPA 80A (2017), TABLE 4.3.7.3	N/A	TABLE 705.5	0 HOUR	N/A
x ≥ 30 FEET	NFPA 80A (2017), TABLE 4.3.7.3	N/A	TABLE 705.5	0 HOUR	N/A

ISSUE FOR BID	08-09-2024
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
Phase	ISSUE FOR BID
Project Title	PARKING RAMP EXPANSION
Project Number	528-18-375
Building Number	29
Location	3495 BAILEY AVE., BUFFALO, NY 14215
Drawing Number	GI100
Approved: Project Director	
Issue Date	08-09-2024
Checked	CZ
Drawn	RB

VA FORM 08 - 6231

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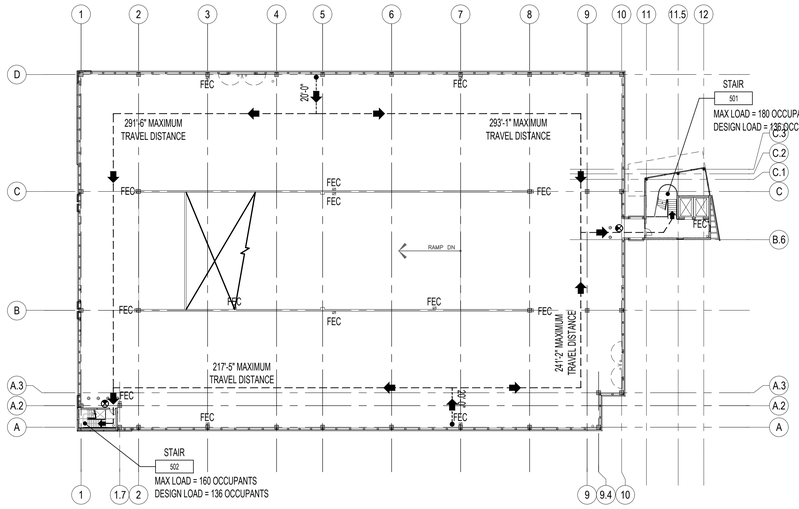
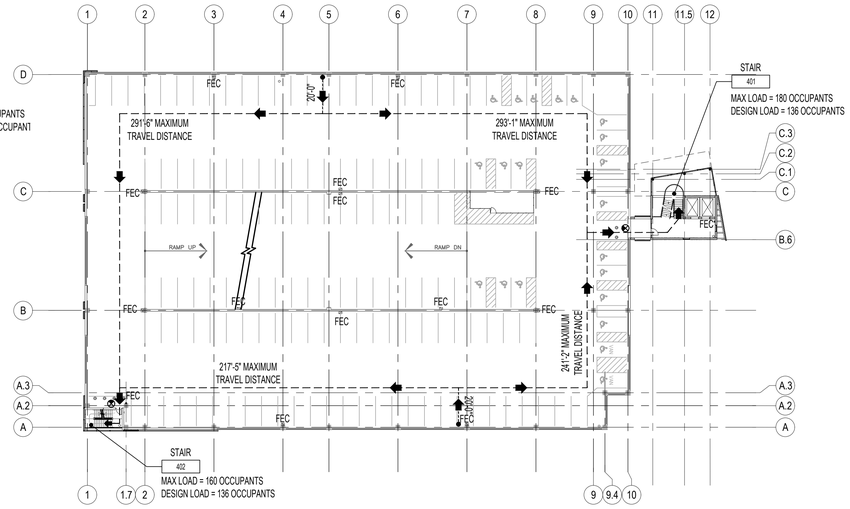
LIFE SAFETY PLAN LEGEND

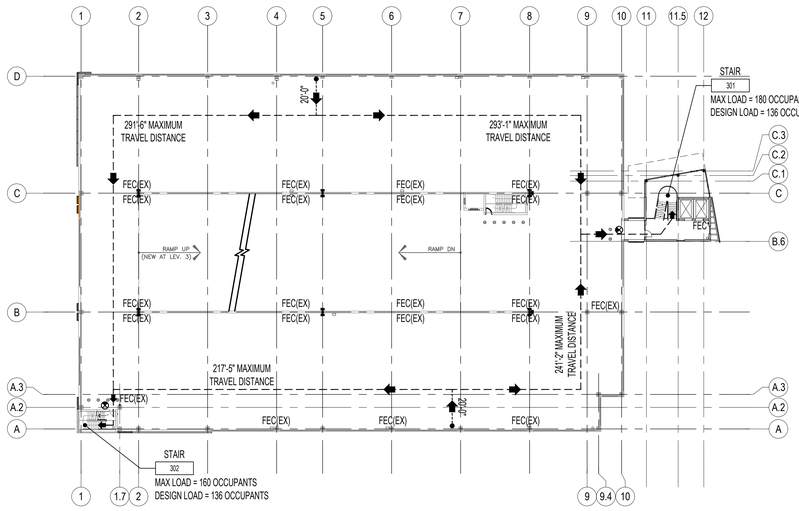
FEC(EX)	FIRE EXTINGUISHER (EX)
FEC	FIRE EXTINGUISHER (NEW)
	EXIT SIGN
	EXIT
0'-0"	EGRESS PATH AND DISTANCE
0'-0"	COMMON PATH OF EGRESS TRAVEL AND DISTANCE
0'-0"	COMMON PATH OF EGRESS TRAVEL AND DISTANCE



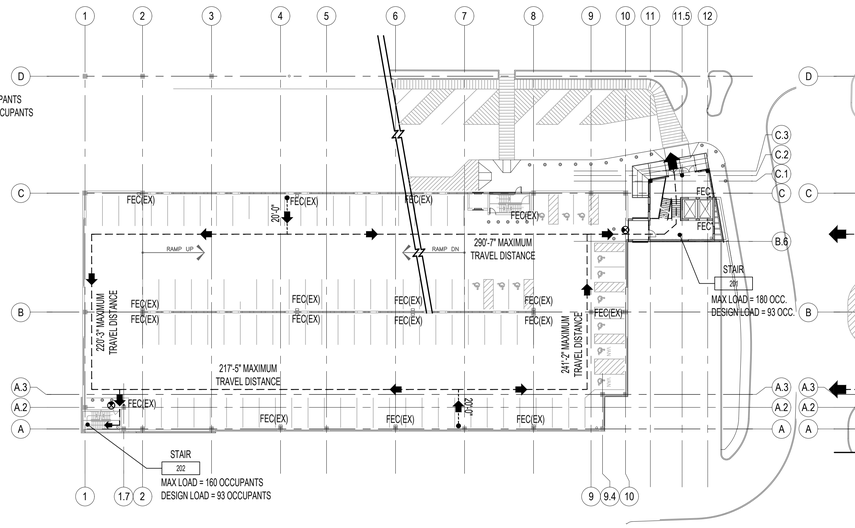
5 LIFE SAFETY PLAN - LEVEL 5
1/32"=1'-0"



4 LIFE SAFETY PLAN - LEVEL 4
1/32"=1'-0"



3 LIFE SAFETY PLAN - LEVEL 3
1/32"=1'-0"



2 LIFE SAFETY PLAN - LEVEL 2
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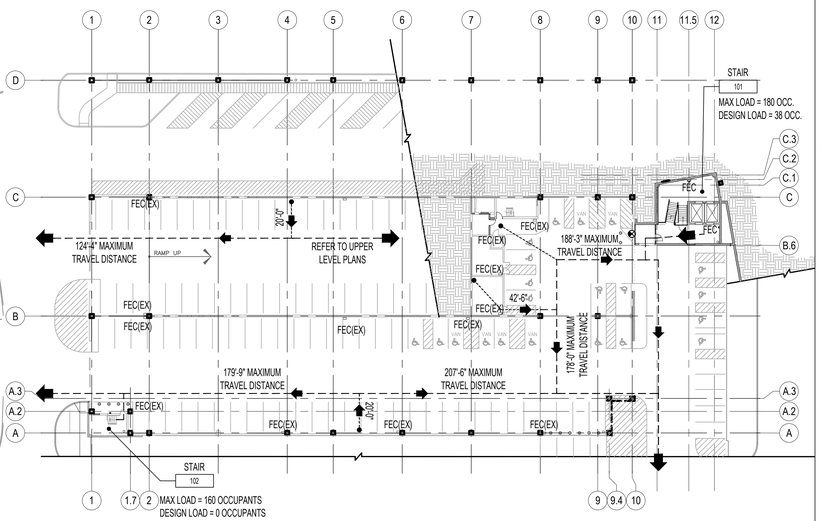

1 LIFE SAFETY PLAN - LEVEL 1
1/32"=1'-0"

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: GENERAL- LIFE SAFETY PLANS	Phase: ISSUE FOR BID	Project Title: PARKING RAMP EXPANSION	Project Number: 528-18-375
			Building Number: 29
Approved: Project Director		Location: 3495 BAILEY AVE., BUFFALO, NY 14215	Drawing Number: GI200
		Issue Date: 08-09-2024 / Checked: CZ / Drawn: RB	

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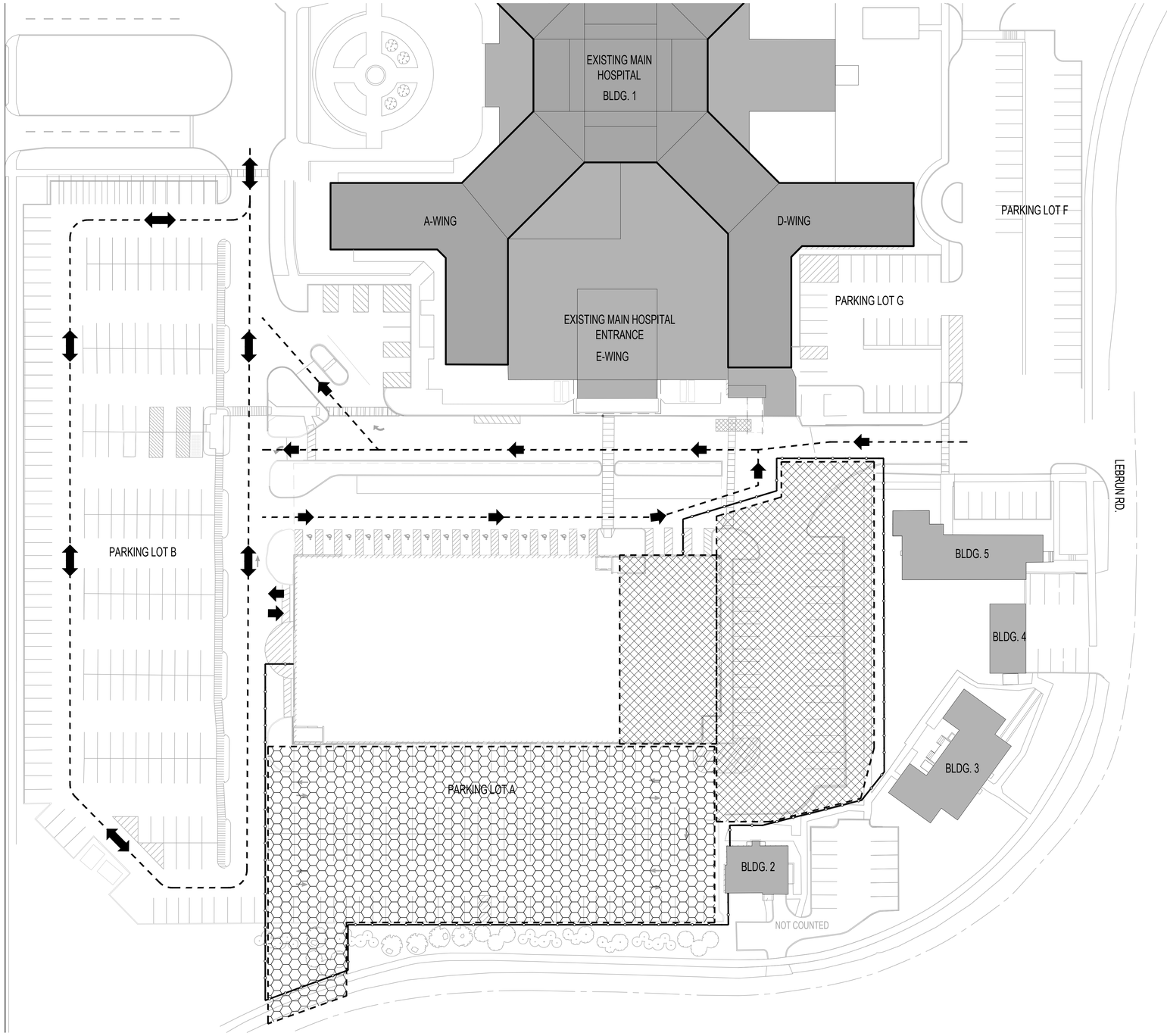

1 GENERAL - SEQUENCE OF WORK PLAN- SEQUENCE A
NTS

SEQUENCE A

IT IS THE DESIGN INTENT FOR SEQUENCE A TO CONSTRUCT:

A. STAIR AND ELEVATOR TOWER CONSTRUCTION, ALL LEVELS
B. EAST ROADWAY RECONFIGURED AND REBUILT
C. SITEWORK AROUND THE STAIR TOWER WILL BE CONSTRUCTED, INCLUDING LOWER LEVEL PARKING, RETAINING WALL, SIDEWALKS AND ISLAND FOR THE PERMANENT REVERSAL OF THE DROP OFF LANE THRU THE PARKING RAMP

MAJOR SITE IMPACTS IN SEQUENCE A:

A. PARKING LOT A WILL BECOME THE CONTRACTOR STAGING AREA AND WILL NOT BE ACCESSIBLE TO THE GENERAL PUBLIC FOR PARKING OR FOR TRAFFIC.
B. THE EXISTING DROP OFF LANE WITHIN THE EXISTING PARKING RAMP WILL HAVE THE TRAFFIC PATTERN REVERSED TO ALLOW TRAFFIC FROM BAILEY AVE TO PASS THRU FROM WEST TO EAST AND ALLOW FOR DROP OFF AT THE E-WING ENTRANCE.

PRIOR TO THE COMMENCEMENT OF SEQUENCE A:

THE CONTRACTOR WILL NEED TO PERFORM THE RECONFIGURATION REVERSAL OF THE THRU LANE TRAFFIC PATTERN IN THE EXISTING PARKING RAMP. THIS WORK WILL NEED TO START AT 6 PM. ON A FRIDAY AND BE COMPLETE FOR OPEN OF BUSINESS ON THE FOLLOWING MONDAY MORNING 5 AM. THIS WORK SHALL INCLUDE, BUT NOT LIMITED TO, INSTALLATION OF TEMPORARY MESSAGE BOARDS, SIGNAGE, BARRIERS AND FENCING. CONTRACTOR SHALL PROVIDE TEMPORARY TRAFFIC BARRIERS FOR TRAFFIC CONTROL UNTIL PERMANENT ISLAND IS CONSTRUCTED. (CONSTRUCTION WORK FOR PERMANENT ISLAND SHALL BE DESIGNATED AS AFTER HOURS AND WEEKEND WORK AS IT WILL IMPEDE ON THE FUNCTIONALITY OF THE DROP OF LANE FOR THE E-WING.

- TRAFFIC AND SAFETY
  - CONSTRUCTION FENCES ERECTED AROUND THE NORTHEAST AND SOUTHEAST CORNERS OF THE SITE, CLOSING THE EXISTING ROADWAY/PARKING ON THE EAST OF THE GARAGE.
  - WHILE THE PARKING LOT A IS CLOSED, TRAFFIC CAN NOT USE STANDARD ROUTE TO GET TO MEDICAL CENTER ENTRANCE FOR DROP OFF (UNLESS APPROACHING FROM LEBRUN AVE). THE GARAGE DROP OFF AND PARKING LANE SHALL BE REVERSED, ALLOWING TRAFFIC TO PROCEED FROM WEST TO EAST. CARS COULD THEN U-TURN TO PROCEED EAST TO WEST PAST THE BUILDING ENTRANCE, ALLOWING DROP OFF ACCESS.
  - A TWO-WAY DRIVING LOOP WILL BE CREATED IN PARKING LOT B TO THE WEST OF THE GARAGE
  - EMERGENCY ENTRANCE SHALL REMAIN OPEN TO AMBULANCES AT ALL TIMES. INSTALLATION OF FENCE SHALL ALLOW FOR A PARKED AMBULANCE AND A CAR TO PASS FROM LEBRUN AVE TO THE E-WING ENTRANCE.
- GARAGE STATUS
  - LOWER LEVEL (LEVEL 1) WILL BE CLOSED TO ALLOW RECONFIGURATION OF PARKING AND ENTRANCES ON THE EAST SIDE. PROVIDE ALL NECESSARY SIGNAGE IN THE ELEVATORS AND STAIRWELLS INDICATING THAT THE LOWER LEVEL WILL BE CLOSED FOR PUBLIC USE.
  - UPPER LEVELS WILL REMAIN OPEN, WITH SOME AREAS AT THE EAST SIDE OF THE GARAGE BARRICADED FOR CONSTRUCTION AND SAFETY
  - EXISTING STAIR TOWERS AND ELEVATOR WILL REMAIN IN OPERATION
- SCOPE
  - STAIR AND ELEVATOR TOWER CONSTRUCTION, ALL LEVELS
  - EAST ROADWAY RECONFIGURED AND REBUILT
  - SITEWORK AROUND THE STAIR TOWER WILL BE CONSTRUCTED, INCLUDING LOWER LEVEL PARKING, RETAINING WALL, AND SIDEWALKS
  - PROVIDE TEMPORARY TRAFFIC BARRIERS FOR TRAFFIC CONTROL IN LIEU OF BUILDING PERMANENT ISLAND
  - IF RESTORATION WORK (SR DRAWING SET) BEGINS PRIOR TO SEQUENCE B, ADDITIONAL BARRICADES, WAYFINDING AND COORDINATION WILL BE REQUIRED WITHIN THE GARAGE WHILE IT REMAINS FULLY OPERATIONAL . RESTORATION WORK MAY NOT TAKE OUT NO MORE THAN THREE (3) PARKING SPACES AT A TIME. PROPER WAYFINDING AND FOR PEDESTRIANS AND VEHICLES TO BE IMPLIMENTED.
  - AT NO TIME MAY THE RESTORATION WORK INTERFERE WITH MAINTENANCE OF CODE MANDATED LIFE SAFETY SYSTEMS, FEATURES AND SIGNAGE.

IN PREPARATION FOR SEQUENCE B

- STRUCTURAL RESTORATION (SR DRAWINGS SET) WORK DEEMED NECESSARY PRIOR TO PRECAST ERECTION TO OCCUR ON THE EXISTING GARAGE WHILE THE STAIR TOWER IS ERECTED.

GENERAL SEQUENCE OF WORK NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR SEQUENCING AND COORDINATION OF CONSTRUCTION PHASING WITH THE VA'S SCHEDULE, INFECTION CONTROL, AND INTERIM LIFE SAFETY REQUIREMENTS. REFER TO SPECIFICATIONS FOR PROJECT GENERAL CONDITIONS, INFECTION CONTROL, SPECIAL NOTES, PROJECT SCHEDULE, ETC. FOR ALL PROJECT REQUIREMENTS.
2. CONTRACTOR SHALL PROVIDE PHASING PLAN / PHASED OPERATIONS PLAN TO VA COR FOR REVIEW AND APPROVAL PRIOR TO COMMENCEMENT OF ANY WORK. PLAN SHOULD INCLUDE BUT NOT LIMITED TO CLOSURE AREAS, PROPOSED SIGNAGE, PEDESTRIAN CIRCULATION, LIFE-SAFETY INFORMATION, TRAFFIC CIRCULATION , PROTECTION DEVICES, ETC.
3. CONTRACTOR SHALL PROVIDE ALL SUB-PHASING ACTIVITIES AS REQUIRED FOR WORK OCCURRING BETWEEN VARIOUS PHASES.
4. CONTRACTOR TO COMPLY WITH ALL NYSDOT STANDARDS AND REGULATIONS.
5. CONTRACTOR SHALL PROVIDE ALL INTERIOR AND EXTERIOR TEMPORARY SIGNAGE REQUIRED TO MAINTAIN A FUNCTIONING AND SAFE FACILITY, INCLUDING BUT NOT LIMITED SIGNAGE FOR PEDESTRIAN EGRESS, TRAFFIC DIRECTIONS, SAFETY, INFORMATION, ETC.
6. CONTRACTOR SHALL REFER TO ALL DEMOLITION AND CONSTRUCTION DRAWINGS FOR A COMPLETE UNDERSTANDING OF THE SPECIFIED SCOPE OF WORK.
7. CONTRACTOR SHALL MAINTAIN EGRESS PASSAGE WAYS DURING COMPLETE PROJECT DURATION. ALSO MAINTAIN ALL EGRESS/EXIT DOORS OF THE FACILITY.
8. CONTRACTOR SHALL NOTE ALL EXISTING PLUMBING, MECHANICAL AND ELECTRICAL SERVICES AND SYSTEMS THAT SCHEDULE TO REMAIN SHALL REMAIN FULLY OPERATIONAL AND FUNCTIONAL FOR THE COMPLETE DURATION OF THE PROJECT.
9. ANY CONSTRUCTION OPERATION THAT CREATES EXCESSIVE NOISE OR VIBRATION SHALL BE PERFORMED DURING OFF NORMAL HOSPITAL OPERATION HOURS (6:00PM TO 6:00AM). SERVICE INTERRUPTIONS DURING OFF NORMAL WORK HOURS AND SCHEDULED MINIMUM 30 DAYS ADVANCED NOTICE.
10. CONTRACTOR TO MAINTAIN VEHICULAR DRIVES / ROUTES ARE CLEAN OF CONSTRUCTION DEBRIS AND MATERIAL. CONTRACTOR TO EMPLOY A STREET SWEEPER TO MAINTAIN ROADS ARE CLEAN OF DEBRIS.

GENERAL CONSTRUCTION STAGING NOTES

1. THE PARKING AREA (PARKING LOT A) DIRECTLY ADJACENT AND SOUTH OF THE GARAGE IS IDEAL FOR SITE STAGING. THE LOCATION PROVIDES IMMEDIATE ACCESS TO THE GARAGE AND A LARGER OPEN AREA FOR A CRANE, MATERIALS, AND PEOPLE.
   - 1.1. PARKING LOT A BECOMES SITE STAGING AREA (REPRESENTING APPROXIMATELY 89 EXISTING PARKING SPOTS)
   - 1.2. SOUTHEAST CORNER OF LOT SHALL HOST LOCATION FOR MOCK UPS COORDINATED WITH VA
   - 1.3. THE SOUTHERN MOST PARKING BECOMES CONTRACTOR PARKING (APPROXIMATELY 28 EXISTING SPOTS)
   - 1.4. A TEMPORARY CONSTRUCTION ENTRANCE AND DRIVE FOR MATERIALS SHALL BE CREATED FROM PARKING LOT A TO LE BRUN RD (REMOVING APPROXIMATELY 5 EXISTING PARKING SPOTS)
     - 1.4.1. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DOCUMENTATION, PERMITS, RESTORATION, PROTECTION, AND CONTROL OF THE TEMPORARY CONSTRUCTION ENTRANCE DURING THE DURATION OF CONSTRUCTION.
     - 1.4.2. CONTRACTOR SHALL REMOVE EXISTING FENCE TO EXTENTS REQUIRED FOR TEMPORARY ENTRANCE AND CONSTRUCT NEW FENCING AS REQUIRED FOR ENTRANCE PROTECTION AND SAFETY. PROVIDE A LOCKING GATE FOR DURATION OF CONSTRUCTION.
     - 1.4.3. UPON COMPLETION OF PROJECT, SITE SHALL BE RESTORED TO EXISTING CONDITIONS, INCLUDING BUT NOT LIMITED TO CURBS, VEGETATION, FENCING, ETC.
2. RECONFIGURATION OF PATIENT/VISITOR/EMPLOYEE TRAFFIC WILL NEED TO BE PROVIDED AT EACH SEQUENCE OF CONSTRUCTION AS REQUIRED TO MAINTAIN FUNCTION AND SAFETY THROUGHOUT THE ADJACENT PARKING LOTS, ROADWAYS, AND SIDEWALKS.
3. PRECAST PANELS TO BE STORED OFF SITE UNTIL TIME OF ERECTION.
4. LIMITS OF FENCING, STAGING, SHOWN FOR SCHEMATIC PURPOSES ONLY AND SHALL BE COORDINATED WITH VA COR.

VA REQUIRED SEQUENCE OF WORK

THE INTENT OF THE SEQUENCE OF WORK IS TO ALLOW FOR EMPLOYEE AND PATIENT ACCESS TO CONTINUE WHILE WORK IS DONE ON THE PARKING GARAGE.

THE SEQUENCE OF WORK TO BE COMPLETED IN THE FOLLOWING OUTLINE IS NOT TO BE TAKEN AS AN ALL INCLUSIVE LIST OF ALL ITEMS TO BE COMPLETED WITHIN A SPECIFIC OUTLINED PHASE. PLEASE REFER TO ALL DISCIPLINES AND CONTRACT DOCUMENTS FOR ALL WORK ASSOCIATED IN THESE AREAS

THE SEQUENCE OF WORK IS SUBJECT TO THE CONTRACTORS MEANS AND METHODS, SCHEDULING AND TO EXISTING CONDITIONS AND TIME RESTRAINTS. FINAL SEQUENCING COORDINATION BETWEEN THE CONTRACTOR AND THE VA SHALL DETERMINE FULL DIRECTION OF SEQUENCING PRIOR TO START OF CONSTRUCTION ACTIVITIES.

GENERAL SEQUENCE OF WORK HATCH LEGEND

1. THE HATCH IS A TOOL AND NOT AN ALL INCLUSIVE REPRESENTATION OF ALL WORK.
2. WHERE TWO OR MORE SEQUENCES MEET IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE TRANSITION WORK BETWEEN SEQUENCES.

SEQUENCE A
SEQUENCE C
SEQUENCE B
CONSTRUCTION PARKING / CONSTRUCTION ENTRANCE / STAGING AREAS
TEMPORARY TRAFFIC PATTERN
CONSTRUCTION FENCE

ISSUE FOR BID	08-09-2024
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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: GENERAL - SEQUENCE OF WORK PLAN - SEQUENCE A	Phase: ISSUE FOR BID	Project Title: PARKING RAMP EXPANSION	Project Number: 528-18-375
			Building Number: 29
Approved: Project Director		Location: 3495 BAILEY AVE., BUFFALO, NY 14215	Drawing Number: GC200
		Issue Date: 08-09-2024 / Checked: CZ / Drawn: RB	

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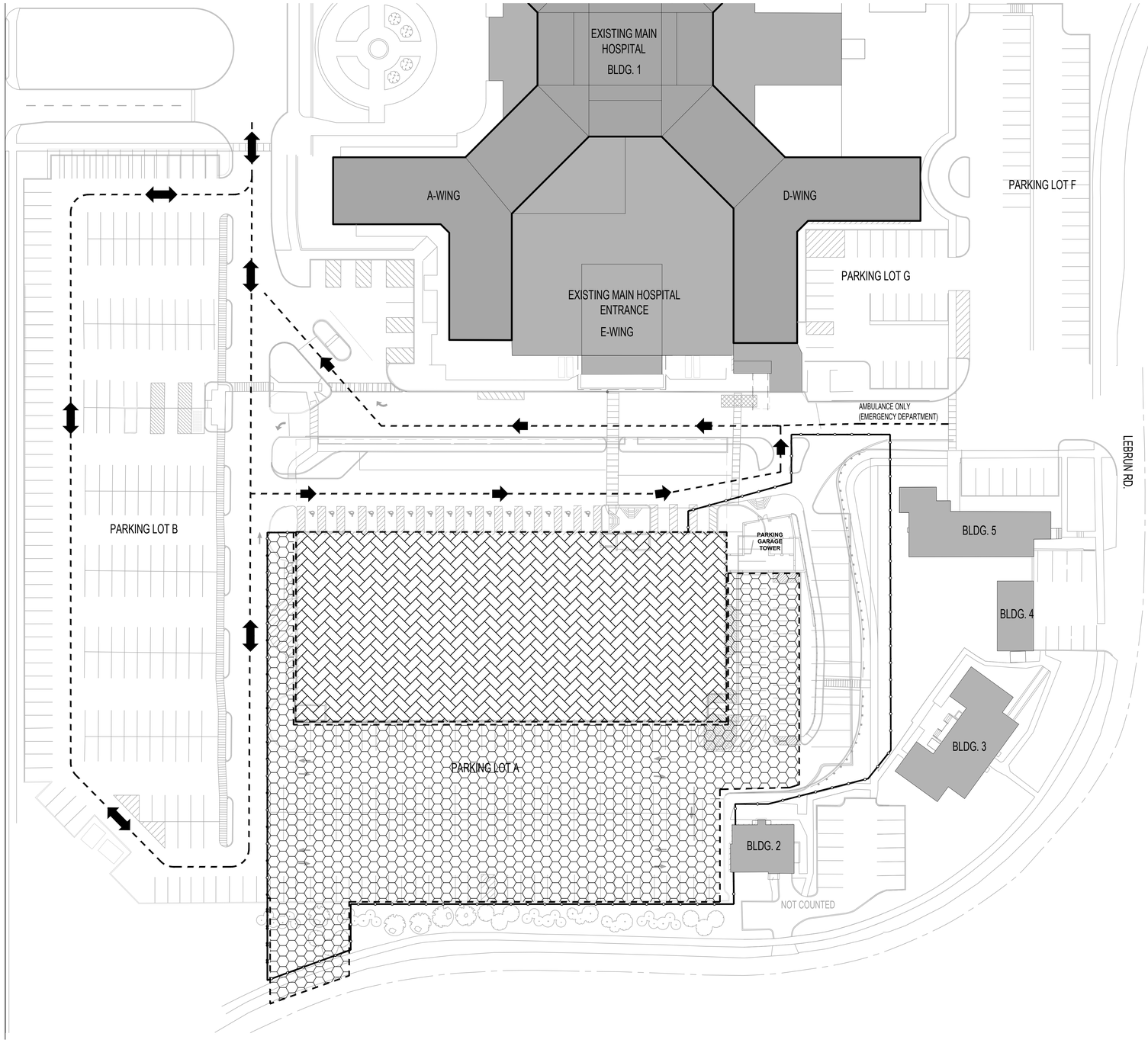

N

1 GENERAL - SEQUENCE OF WORK PLAN - SEQUENCE B WORK DAY HOURS
NTS

SEQUENCE B (WORK DAY HOURS)

IT IS THE DESIGN INTENT FOR SEQUENCE B TO CONSTRUCT:

A. EXISTING GARAGE RESTORATION
B. ADDITION OF UPPER LEVELS
C. RENOVATION OF DROP OFF/PARKING AREA

NOTE: CONTRACTOR SHALL SEQUENCE WORK TO LIMIT THE AMOUNT OF TIME TRAFFIC ACCESS TO THE MAIN ENTRANCE IS BLOCKED. SEQUENCE B SHALL BE BROKEN DOWN INTO WORK DAY AND AFTER HOURS WORK.

IT IS THE DESIGN INTENT THAT FOR SEQUENCE B :
WORK DAY WORK - THE ENTIRE GARAGE WILL BE CLOSED FOR PARKING HOWEVER THE THRU LANE IN THE PARKING RAMP AND THE DRIVE INFRONT OF THE E WING ENTRANCE WILL REMAIN OPEN TO ALLOW FOR VEHICULAR TRAFFIC TO DROP OFF PATIENTS AT THE E-WING ENTRANCE. THE ENTRANCES TO THE PARKING GARAGE WILL REMAIN CLOSED HOWEVER PARKING LOT B WILL REMAIN ACCESSIBLE FOR PARKING AND VEHICULAR TRAFFIC.

- TRAFFIC AND SAFETY
  - AREAS SOUTH AND EAST WILL REMAIN CLOSED FOR STAGING, CRANE ACCESS, AND ERECTION SAFETY
  - THE ROADWAY AND DROP OFF TO THE NORTH WILL BE OPEN. SIDEWALKS WILL REMAIN OPERATIONAL FOR ACCESS TO THE E-WING ENTRANCE.
  - AN AMBULANCE ACCESS AREA WILL NEED TO REMAIN FOR DURATION OF SEQUENCE.
  - THE E-WING MAIN ENTRANCE WILL REMAIN OPERATIONAL DURING WEEKDAYS. NO ERECTION CAN OCCUR ON THE NORTH SIDE OF THE STRUCTURE DURING WEEKDAYS TO AVOID SAFETY CONCERNS WITH PEDESTRIANS.
- GARAGE STATUS
  - THE ENTIRE GARAGE, EXCEPT THE THRU GARAGE DROP OFF LANE, WILL BE CLOSED DURING THIS SEQUENCE
- SCOPE
  - IF NOT COMPLETED DURING SEQUENCE A, THE RESTORATION WORK FOR THE STRUCTURAL MEMBERS REQUIRED FOR THE UPPER ADDITIONS WILL NEED TO BE COMPLETED FIRST
  - STRUCTURAL RESTORATION THROUGHOUT THE GARAGE
  - ERECTION OF ALL PRECAST FOR ADDITIONAL LEVELS
  - RENOVATION OF NORTH BAY DROP OFF AND PARKING LANE
  - ALL ASSOCIATED SITEWORK IMMEDIATELY ADJACENT TO PARKING GARAGE
  - STRIPING OF ALL PARKING, INSTALLATION OF ALL SIGNAGE, AND INSTALLATION OF ALL OTHER GARAGE BUILDING SCOPE

GENERAL SEQUENCE OF WORK NOTES

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     - 1.4.3. UPON COMPLETION OF PROJECT, SITE SHALL BE RESTORED TO EXISTING CONDITIONS, INCLUDING BUT NOT LIMITED TO CURBS, VEGETATION, FENCING, ETC.
2. RECONFIGURATION OF PATIENT/VISITOR/EMPLOYEE TRAFFIC WILL NEED TO BE PROVIDED AT EACH SEQUENCE OF CONSTRUCTION AS REQUIRED TO MAINTAIN FUNCTION AND SAFETY THROUGHOUT THE ADJACENT PARKING LOTS, ROADWAYS, AND SIDEWALKS.
3. PRECAST PANELS TO BE STORED OFF SITE UNTIL TIME OF ERECTION.
4. LIMITS OF FENCING, STAGING, SHOWN FOR SCHEMATIC PURPOSES ONLY AND SHALL BE COORDINATED WITH VA COR.

VA REQUIRED SEQUENCE OF WORK

THE INTENT OF THE SEQUENCE OF WORK IS TO ALLOW FOR EMPLOYEE AND PATIENT ACCESS TO CONTINUE WHILE WORK IS DONE ON THE PARKING GARAGE.

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THE SEQUENCE OF WORK IS SUBJECT TO THE CONTRACTORS MEANS AND METHODS, SCHEDULING AND TO EXISTING CONDITIONS AND TIME RESTRAINTS. FINAL SEQUENCING COORDINATION BETWEEN THE CONTRACTOR AND THE VA SHALL DETERMINE FULL DIRECTION OF SEQUENCING PRIOR TO START OF CONSTRUCTION ACTIVITIES.

GENERAL SEQUENCE OF WORK HATCH LEGEND

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2. WHERE TWO OR MORE SEQUENCES MEET IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE TRANSITION WORK BETWEEN SEQUENCES.

SEQUENCE A
SEQUENCE C
SEQUENCE B
CONSTRUCTION PARKING / CONSTRUCTION ENTRANCE / STAGING AREAS
TEMPORARY TRAFFIC PATTERN
CONSTRUCTION FENCE

ISSUE FOR BID	08-09-2024
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LICENSED ARCHITECT 031124 CRISTINA D. ZAMARRIPA NEW YORK STATE

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: GENERAL - SEQUENCE OF WORK PLAN - SEQUENCE B	Phase: ISSUE FOR BID	Project Title: PARKING RAMP EXPANSION	Project Number: 528-18-375
			Building Number: 29
Approved: Project Director		Location: 3495 BAILEY AVE., BUFFALO, NY 14215	Drawing Number: GC201A
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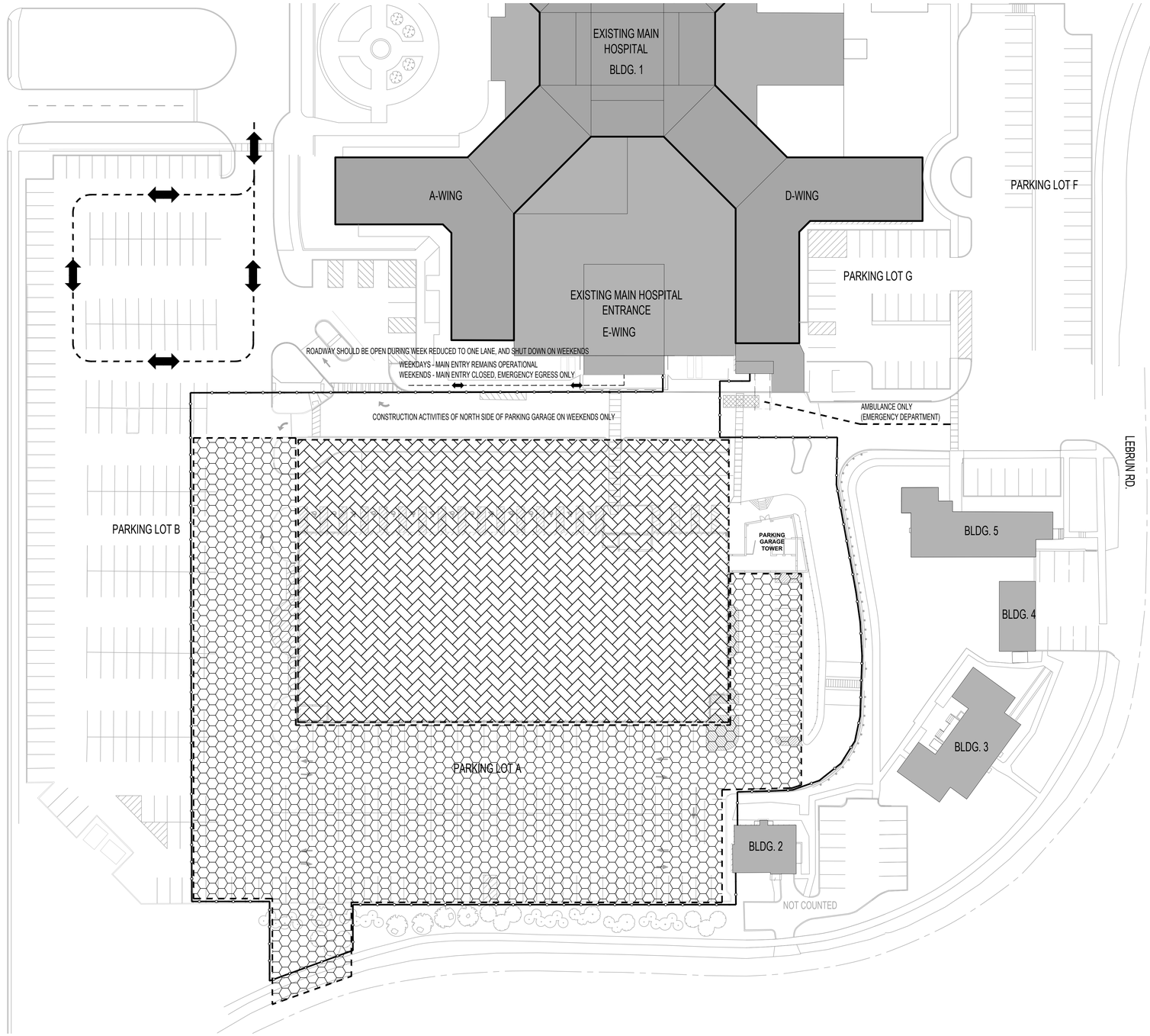

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1 GENERAL - SEQUENCE OF WORK PLAN - SEQUENCE B AFTER HOURS WORK

NTS

SEQUENCE B (AFTERHOURS)

IT IS THE DESIGN INTENT FOR SEQUENCE B TO CONSTRUCT:

A. EXISTING GARAGE RESTORATION
B. ADDITION OF UPPER LEVELS
C. RENOVATION OF DROP OFF/PARKING AREA

NOTE: CONTRACTOR SHALL SEQUENCE WORK TO LIMIT THE AMOUNT OF TIME TRAFFIC ACCESS TO THE MAIN ENTRANCE IS BLOCKED. SEQUENCE B SHALL BE BROKEN DOWN INTO WORK DAY AND AFTER HOURS WORK.

IT IS THE DESIGN INTENT THAT FOR SEQUENCE B :
AFTERHOURS WORK - THE ENTIRE GARAGE WILL BE CLOSED DURING THESE HOURS. CONTRACTOR TO HAVE ACCESS FOR CRANE ON ALL SIDES OF THE EXISTING PARKING RAMP FOR CONSTRUCTION ACTIVITIES. PARKING LOT B / PARKING LOT A / THE DRIVE IN FRONT OF E WING . FENCE TO BE COSTRUCTED IN SUCH A MANNER AS TO ALLOW AMBULANCE ACCESS TO THE EMERGENCY DEPARTMENT AND ALLOW FOR AMBULANCE TO TURN AROUND.

- TRAFFIC AND SAFETY
  - AREAS SOUTH, WEST, NORTH AND EAST WILL REMAIN CLOSED FOR STAGING, CRANE ACCESS, AND ERECTION SAFETY
  - THE ROADWAY AND DROP OFF TO THE NORTH WILL BE CLOSED.
  - A SMALL TRAFFIC LOOP WILL BE CREATED IN PARKING LOT B FOR TRAFFIC FROM BAILEY AVENUE. TRAFFIC FROM LEBRUIN WILL ONLY HAVE ACCESS TO THE EAST SIDE OF THE SITE. AN AMBULANCE ACCESS AREA WILL NEED TO REMAIN FOR DURATION OF SEQUENCE.
  - DURING WEEKENDS, ERECTION CAN OCCUR ON THE NORTH SIDE OF THE STRUCTURE. THE E-WING MAIN ENTRANCE WILL REQUIRE CLOSURE AND ACT AS EMERGENCY EGRESS ONLY.
- GARAGE STATUS
  - THE ENTIRE GARAGE WILL BE CLOSED DURING THIS SEQUENCE
- SCOPE
  - IF NOT COMPLETED DURING SEQUENCE A, THE RESTORATION WORK FOR THE STRUCTURAL MEMBERS REQUIRED FOR THE UPPER ADDITIONS WILL NEED TO BE COMPLETED FIRST
  - STRUCTURAL RESTORATION THROUGHOUT THE GARAGE
  - ERECTION OF ALL PRECAST FOR ADDITIONAL LEVELS
  - RENOVATION OF NORTH BAY DROP OFF AND PARKING LANE
  - ALL ASSOCIATED SITEWORK IMMEDIATELY ADJACENT TO PARKING GARAGE
  - STRIPING OF ALL PARKING, INSTALLATION OF ALL SIGNAGE, AND INSTALLATION OF ALL OTHER GARAGE BUILDING SCOPE

GENERAL SEQUENCE OF WORK NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR SEQUENCING AND COORDINATION OF CONSTRUCTION PHASING WITH THE VA'S SCHEDULE, INFECTION CONTROL, AND INTERIM LIFE SAFETY REQUIREMENTS. REFER TO SPECIFICATIONS FOR PROJECT GENERAL CONDITIONS, INFECTION CONTROL, SPECIAL NOTES, PROJECT SCHEDULE, ETC. FOR ALL PROJECT REQUIREMENTS.
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4. CONTRACTOR TO COMPLY WITH ALL NYSDOT STANDARDS AND REGULATIONS.
5. CONTRACTOR SHALL PROVIDE ALL INTERIOR AND EXTERIOR TEMPORARY SIGNAGE REQUIRED TO MAINTAIN A FUNCTIONING AND SAFE FACILITY, INCLUDING BUT NOT LIMITED SIGNAGE FOR PEDESTRIAN EGRESS, TRAFFIC DIRECTIONS, SAFETY, INFORMATION, ETC.
6. CONTRACTOR SHALL REFER TO ALL DEMOLITION AND CONSTRUCTION DRAWINGS FOR A COMPLETE UNDERSTANDING OF THE SPECIFIED SCOPE OF WORK.
7. CONTRACTOR SHALL MAINTAIN EGRESS PASSAGE WAYS DURING COMPLETE PROJECT DURATION. ALSO MAINTAIN ALL EGRESS/EXIT DOORS OF THE FACILITY.
8. CONTRACTOR SHALL NOTE ALL EXISTING PLUMBING, MECHANICAL AND ELECTRICAL SERVICES AND SYSTEMS THAT SCHEDULE TO REMAIN SHALL REMAIN FULLY OPERATIONAL AND FUNCTIONAL FOR THE COMPLETE DURATION OF THE PROJECT.
9. ANY CONSTRUCTION OPERATION THAT CREATES EXCESSIVE NOISE OR VIBRATION SHALL BE PERFORMED DURING OFF NORMAL HOSPITAL OPERATION HOURS (6:00PM TO 6:00AM). SERVICE INTERRUPTIONS DURING OFF NORMAL WORK HOURS AND SCHEDULED MINIMUM 30 DAYS ADVANCED NOTICE.
10. CONTRACTOR TO MAINTAIN VEHICULAR DRIVES / ROUTES ARE CLEAN OF CONSTRUCTION DEBRIS AND MATERIAL. CONTRACTOR TO EMPLOY A STREET SWEEPER TO MAINTAIN ROADS ARE CLEAN OF DEBRIS.

GENERAL CONSTRUCTION STAGING NOTES

1. THE PARKING AREA (PARKING LOT A) DIRECTLY ADJACENT AND SOUTH OF THE GARAGE IS IDEAL FOR SITE STAGING. THE LOCATION PROVIDES IMMEDIATE ACCESS TO THE GARAGE AND A LARGER OPEN AREA FOR A CRANE, MATERIALS, AND PEOPLE.
   - 1.1. PARKING LOT A BECOMES SITE STAGING AREA (REPRESENTING APPROXIMATELY 89 EXISTING PARKING SPOTS)
   - 1.2. SOUTHEAST CORNER OF LOT SHALL HOST LOCATION FOR MOCK UPS COORDINATED WITH VA
   - 1.3. THE SOUTHERN MOST PARKING BECOMES CONTRACTOR PARKING (APPROXIMATELY 28 EXISTING SPOTS)
   - 1.4. A TEMPORARY CONSTRUCTION ENTRANCE AND DRIVE FOR MATERIALS SHALL BE CREATED FROM PARKING LOT A TO LE BRUN RD (REMOVING APPROXIMATELY 5 EXISTING PARKING SPOTS)
     - 1.4.1. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DOCUMENTATION, PERMITS, RESTORATION, PROTECTION, AND CONTROL OF THE TEMPORARY CONSTRUCTION ENTRANCE DURING THE DURATION OF CONSTRUCTION.
     - 1.4.2. CONTRACTOR SHALL REMOVE EXISTING FENCE TO EXTENTS REQUIRED FOR TEMPORARY ENTRANCE AND CONSTRUCT NEW FENCING AS REQUIRED FOR ENTRANCE PROTECTION AND SAFETY. PROVIDE A LOCKING GATE FOR DURATION OF CONSTRUCTION.
     - 1.4.3. UPON COMPLETION OF PROJECT, SITE SHALL BE RESTORED TO EXISTING CONDITIONS, INCLUDING BUT NOT LIMITED TO CURBS, VEGETATION, FENCING, ETC.
2. RECONFIGURATION OF PATIENT/VISITOR/EMPLOYEE TRAFFIC WILL NEED TO BE PROVIDED AT EACH SEQUENCE OF CONSTRUCTION AS REQUIRED TO MAINTAIN FUNCTION AND SAFETY THROUGHOUT THE ADJACENT PARKING LOTS, ROADWAYS, AND SIDEWALKS.
3. PRECAST PANELS TO BE STORED OFF SITE UNTIL TIME OF ERECTION.
4. LIMITS OF FENCING, STAGING, SHOWN FOR SCHEMATIC PURPOSES ONLY AND SHALL BE COORDINATED WITH VA COR.

VA REQUIRED SEQUENCE OF WORK

THE INTENT OF THE SEQUENCE OF WORK IS TO ALLOW FOR EMPLOYEE AND PATIENT ACCESS TO CONTINUE WHILE WORK IS DONE ON THE PARKING GARAGE.

THE SEQUENCE OF WORK TO BE COMPLETED IN THE FOLLOWING OUTLINE IS NOT TO BE TAKEN AS AN ALL INCLUSIVE LIST OF ALL ITEMS TO BE COMPLETED WITHIN A SPECIFIC OUTLINED PHASE. PLEASE REFER TO ALL DISCIPLINES AND CONTRACT DOCUMENTS FOR ALL WORK ASSOCIATED IN THESE AREAS

THE SEQUENCE OF WORK IS SUBJECT TO THE CONTRACTORS MEANS AND METHODS, SCHEDULING AND TO EXISTING CONDITIONS AND TIME RESTRAINTS. FINAL SEQUENCING COORDINATION BETWEEN THE CONTRACTOR AND THE VA SHALL DETERMINE FULL DIRECTION OF SEQUENCING PRIOR TO START OF CONSTRUCTION ACTIVITIES.

GENERAL SEQUENCE OF WORK HATCH LEGEND

1. THE HATCH IS A TOOL AND NOT AN ALL INCLUSIVE REPRESENTATION OF ALL WORK.
2. WHERE TWO OR MORE SEQUENCES MEET IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE TRANSITION WORK BETWEEN SEQUENCES.

SEQUENCE A
SEQUENCE C
SEQUENCE B
CONSTRUCTION PARKING / CONSTRUCTION ENTRANCE / STAGING AREAS
TEMPORARY TRAFFIC PATTERN
CONSTRUCTION FENCE

ISSUE FOR BID	08-09-2024
Revisions:	Date:

CONSULTANT

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LICENSED ARCHITECT 5/1/24 CHOTAN D. ZAVERI NEW YORK 031905-1 STATE

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: GENERAL - SEQUENCE OF WORK PLAN - SEQUENCE B	Phase: ISSUE FOR BID	Project Title: PARKING RAMP EXPANSION	Project Number: 528-18-375
			Building Number: 29
Approved: Project Director		Location: 3495 BAILEY AVE., BUFFALO, NY 14215	Drawing Number: GC201B
		Issue Date: 08-09-2024 / Checked: CZ / Drawn: RB	

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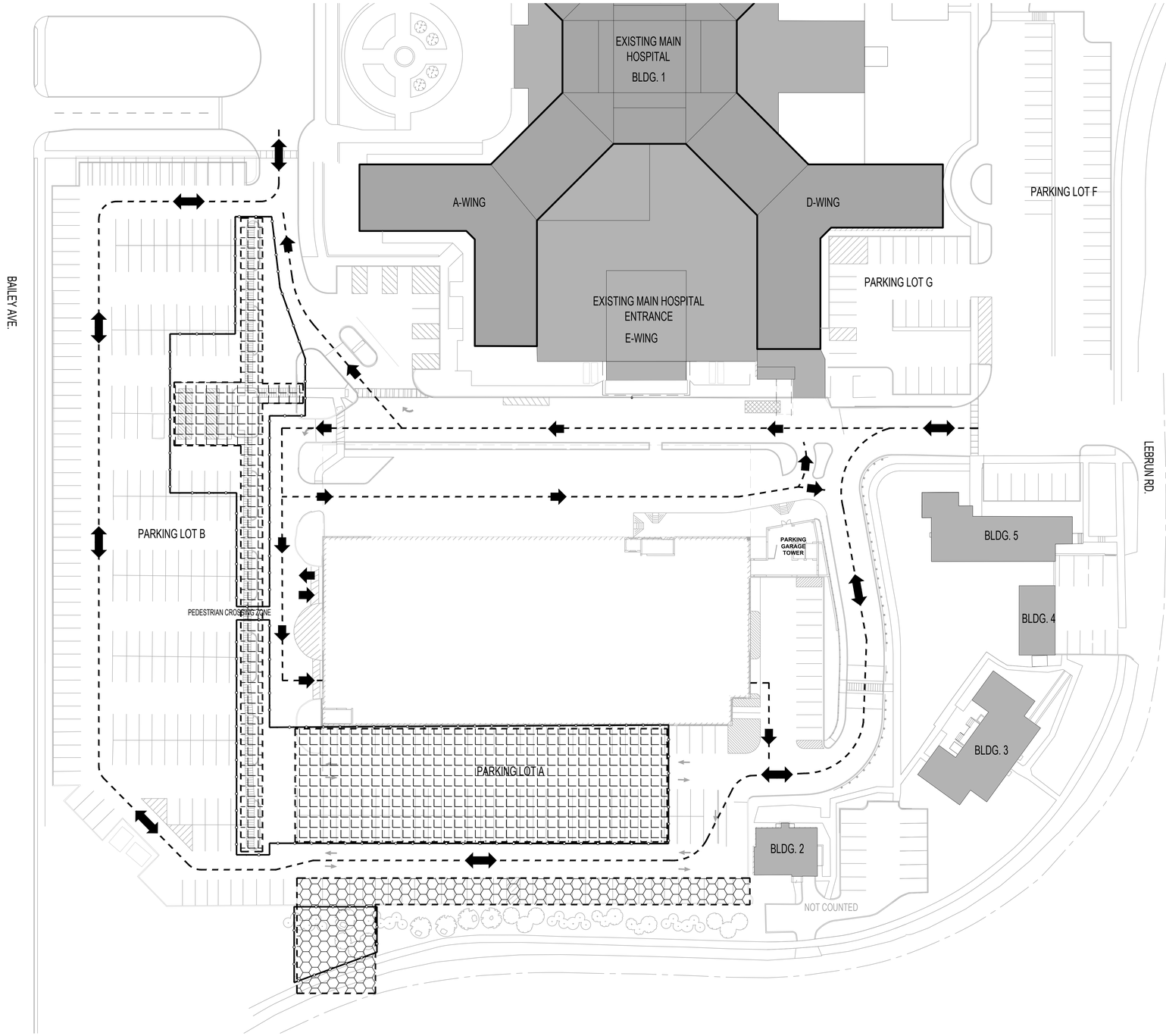

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1 GENERAL - SEQUENCE OF WORK PLAN- SEQUENCE C

NTS

SEQUENCE C

IT IS THE DESIGN INTENT FOR SEQUENCE C TO CONSTRUCT:

A. BUILD TRAFFIC ISLANDS
B. RESTORE SITE

NOTE: ANY CONSTRUCTION WORK OR ACTIVITIES THAT SIGNIFICANTLY IMPACT THE USE OF PARKING LOT B SHALL BE LIMITED TO WEEKEND HOURS.

- SEQUENCE C WILL COMPLETE ALL REMAINING ELEMENTS OF THE PROJECT
- TRAFFIC AND SAFETY
  - MAIN GARAGE IS REOPENED FOR USE
  - STAGING AREA (PARKING LOT A) REMAINS IN PLACE FOR SITE WORK AND MISCELLANEOUS FINISHING OF CONSTRUCTION ACTIVITIES
  - STAGING AREA (PARKING LOT A) WILL BE REDUCED TO ALLOW TRAFFIC FLOW AROUND THE SOUTH SIDE OF THE GARAGE AND ALONG THE NEW EAST ROADWAY
  - A LARGE TWO-WAY TRAFFIC LOOP WILL BE CREATED THROUGH PARKING LOTS B (WEST) AND A (SOUTH)
  - NORMAL TRAFFIC PATTERNS WILL BE RESTORED FOR DROP OFF LANES AT THE NORTH SIDE OF THE GARAGE
  - CONTRACTOR TO CREATE A PEDESTRIAN PATH FROM THE PARKING GARAGE TO PARKING LOT B TO ALLOW PEDESTRIAN TRAFFIC TO CROSS FROM GARAGE TO PARKING LOT B. LOCATION CAN BE ADJUSTED BASED ON ISLAND WORK IN PROGRESS
  - AT COMPLETION OF SITE WORK, REMOVAL OF STAGING AREA AND ALL CONSTRUCTION RELATED AREAS WILL OCCUR ALONGSIDE SITE RESTORATION
- GARAGE STATUS
  - GARAGE WILL BE REOPENED FOR FULL OPERATION
- SCOPE
  - CONSTRUCTION OF TRAFFIC ISLANDS AND ASSOCIATED SCOPE ALONG PARKING LOT B (BID DEDUCT)
  - PROVIDE RESTRIPING OF EXISTING PARKING AREAS AFFECTED BY CONSTRUCTION ACTIVITIES
  - REMOVAL OF TEMPORARY ROADWAY TO THE SOUTH, RETURN PARKING LOT A AND SURROUNDING GROUNDS BACK TO ORIGINAL CONDITIONS.

GENERAL SEQUENCE OF WORK NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR SEQUENCING AND COORDINATION OF CONSTRUCTION PHASING WITH THE VA'S SCHEDULE, INFECTION CONTROL, AND INTERIM LIFE SAFETY REQUIREMENTS. REFER TO SPECIFICATIONS FOR PROJECT GENERAL CONDITIONS, INFECTION CONTROL, SPECIAL NOTES, PROJECT SCHEDULE, ETC. FOR ALL PROJECT REQUIREMENTS.
2. CONTRACTOR SHALL PROVIDE PHASING PLAN / PHASED OPERATIONS PLAN TO VA COR FOR REVIEW AND APPROVAL PRIOR TO COMMENCEMENT OF ANY WORK. PLAN SHOULD INCLUDE BUT NOT LIMITED TO CLOSURE AREAS, PROPOSED SIGNAGE, PEDESTRIAN CIRCULATION, LIFE-SAFETY INFORMATION, TRAFFIC CIRCULATION , PROTECTION DEVICES, ETC.
3. CONTRACTOR SHALL PROVIDE ALL SUB-PHASING ACTIVITIES AS REQUIRED FOR WORK OCCURRING BETWEEN VARIOUS PHASES.
4. CONTRACTOR TO COMPLY WITH ALL NYSDOT STANDARDS AND REGULATIONS.
5. CONTRACTOR SHALL PROVIDE ALL INTERIOR AND EXTERIOR TEMPORARY SIGNAGE REQUIRED TO MAINTAIN A FUNCTIONING AND SAFE FACILITY, INCLUDING BUT NOT LIMITED SIGNAGE FOR PEDESTRIAN EGRESS, TRAFFIC DIRECTIONS, SAFETY, INFORMATION, ETC.
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3. PRECAST PANELS TO BE STORED OFF SITE UNTIL TIME OF ERECTION.
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SEQUENCE A
SEQUENCE C
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CONSTRUCTION PARKING / CONSTRUCTION ENTRANCE / STAGING AREAS
TEMPORARY TRAFFIC PATTERN
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LICENSED ARCHITECT 5/9/24 CRISTINA D. CANAVILLE NEW YORK STATE

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: GENERAL - SEQUENCE OF WORK PLAN - SEQUENCE C	Phase: ISSUE FOR BID	Project Title: PARKING RAMP EXPANSION	Project Number: 528-18-375
			Building Number: 29
Approved: Project Director		Location: 3495 BAILEY AVE., BUFFALO, NY 14215	Drawing Number: GC202
		Issue Date: 08-09-2024 / Checked: CZ / Drawn: RB	

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Infection Prevention and Control Construction/Renovation/Maintenance Permit

This page must be posted at the entrance to the project area for Level III and Level IV activities.

Unique permit number:			
Location of construction/renovation/maintenance			
Project manager		Project start date	
Contact phone number		Completion date	
Contractor		Permit expiration date	

Activity Category (*A, B, C, or D*)		Overall Patient Risk Category (*Low, Medium, High, or Highest*)		Level of Infection Prevention and Control Precautions (*I, II, III, or IV*)	

Level of Precautions	Control measures to be in place for the duration of the activity *(Check the box for the activity's Level of Precautions to indicate the Control Measures)*
Level I ◯	1. Perform work activity in a manner that does not create dust or interrupt patient care. 2. Immediately replace any ceiling tile, close access panels, etc., upon completion of work. 3. Any materials and equipment being brought into the facility must be free of contaminants and loose material.
Level II ◯	**All control measures in Level I and the following:** 1. Provide active means to control airborne dust from dispersing into occupied areas and/or water mist surface to control dust (e.g., Mobile Dust Containment Cart or some other system). 2. Ensure worker clothing is clean and free of visible dust before leaving the work area. 3. Remove or isolate air diffusers (supply and return) to protect the HVAC system from dust and reduce air turbulence. Rebalance system to address diffuser isolation. 4. When the work involves or impacts potable water systems including stagnation due to reduced usage, the piping shall be flushed twice a week or isolated from the main system 5. Seal doors, to prevent dust migration. 6. Contain all trash and debris in the work area. Perform daily cleaning and disposal of trash (covered) from work area using an identified exit route. 7. Any equipment, tools, or materials removed from the work area must be in sealed containers and/or cleaned of dust and debris prior to removal from the area. 8. Nonporous/smooth and cleanable containers (with a hard lid) must be used to transport trash and debris from the construction areas. These containers must be damp-wiped cleaned and free of visible dust/debris before leaving the contained work area. 9. Install a sticky (dust collection) mat at entrance of contained work area based on facility policy. Sticky mats must be changed routinely and when visibly soiled. 10. Maintain clean surroundings when area is not contained by damp mopping or HEPA vacuuming surfaces at least daily.
Level III ◯	**All control measures in Levels I and II and the following:** 1.Ensure availability of equipment for cleaning hands 2.Construct and complete critical barriers meeting NFPA 241 requirements. Barriers must extend to the ceiling or if ceiling tile is removed, to the deck above. 3.All barrier construction activities must be completed in a manner that prevents dust release. 4.Barriers must be hard barriers unless temporary to install final barrier. Barrier walls shall be inspected and approved prior to the start of demolition or construction. (If VA staff cannot inspect prior to 4:30PM, then the check will be the next business day.) 5.Seal all penetrations in containment barriers, including floors and ceiling, using approved materials (UL schedule firestop if applicable for barrier type). 6.Maintain .01 inches /water gauge negative pressurization of the entire workspace by use of HEPA exhaust air systems directed outdoors (unless a work specific waiver is approved by VHA's Office of Healthcare Engineering); this must be maintained continuously 24/7 for the duration of the project. Exhaust discharged directly to the outdoors that is 25 feet or greater from entrances, air intakes and windows is not required to be HEPA-filtered. Exhausting discharged air into shared or recirculating HVAC systems, or other shared exhaust systems (e.g., bathroom exhaust) is prohibited. 7.Install a differential pressure sensing device (e.g., magnehelic, manometer, or digital monitoring) on exterior of work containment to continually monitor and document negative pressurization. The "ball in the wall" or similar apparatus are not acceptable.
Level IV ◯	**All control measures in Levels I, II and III and the following:** 1. Containment must include an anteroom to ensure pressure control, Anteroom must be large enough for equipment staging, cart cleaning, workers' PPE and cleaning. 2. Worker clothing and/or PPE must be removed or clean and free of visible dust before leaving the work area anteroom. HEPA vacuuming of clothing or use of cover suits is acceptable. 3. Workers must wear shoe covers or have a method to clean shoes in anteroom Shoe covers must be removed prior to exiting the anteroom to the occupied space (non-work area). Damaged shoe covers must be changed immediately.

Additional requirements:
At completion of project, Table 6 (Minimum Infection Prevention and Control Measures Required Upon Completion of the Activity) of this ICRA must be followed.

Project Manager signature		Date	
Infection Preventionist signature		Date	
Patient Safety Manager		Date	

VHA Infection Control Risk Assessment for Construction, Renovation and Maintenance

Introductory Information and Instructions

Use this template as a baseline for performing facility Infection Control Risk Assessments (ICRAs) for construction, renovation, and maintenance work (referred to as the "activity" in this document). The template provides minimum requirements for categorizing activity types and patient risk to determine the level of precautions needed to prevent infection risks. Facilities may customize this template to incorporate site-specific information and/or to add more stringent criteria.

NOTE: *This VHA ICRA template pertains specifically to infection prevention. It must be used in conjunction with the required Pre-Construction Risk Assessment (PCRA) for the activity which addresses other activity-related safety concerns (e.g., vibration, noise) outside the scope of the ICRA.*

To complete the template:

1. Use **Table 1** to identify the category of the construction, renovation and/or maintenance activity.
2. Use **Table 2** to identify the areas affected by the activity.
3. Use **Table 3** to identify the overall patient risk category that will be affected by the activity.
4. Use **Table 4** to determine the level of infection prevention and control precautions needed for the activity.

Once all 4 steps above are completed: Refer to **Table 5** for the minimum required control measures for the level of infection prevention and control precautions needed for the activity. Refer to **Table 6** for the minimum infection prevention and control measures required on completion of the activity.

PERMIT: See the last page of this document for a fillable permit form to be used for posting at the activity site as needed.

Table 1 - Construction, Renovation, and/or Maintenance Activity Category

NOTE: *If any of the bulleted criteria in a higher activity category pertains to the work that will be done (even if the other criteria are in a lower category), use the higher activity category for the VHA ICRA.*

Activity Category determined from Table 1 (*A, B, C, or D*): ☐

Category A	**Inspection and/or facility upkeep generally defined as follows**: • Work can be completed in a single shift, not to exceed 10 hours. • Patients and/or employees may be in the area depending on the activity. • Work that does not create dust or debris. • Removal of ceiling tile or access to mechanical or electrical chase for visual inspection limited to 1 tile per 50 square feet with limited exposure time (not to exceed an hour for each tile) within the shift. • Minor interior updates (e.g., replacing floor or ceiling tiles, carpentry work to include hanging signage, and painting without sanding) that do not create dust or debris. • Limited building system maintenance such as plumbing on potable systems limited to faucet replacement etc. and electrical work such as replacement of bulbs, receptacles, or switches.
Category B	**General maintenance and repair work generally defined as follows:** • Prolonged inspection and work that may take longer than a single shift but not exceeding a week. • Patients and employees are not to be in the area until activity is completed. • Work that creates minimal dust and debris.

1 SAMPLE ICRA PERMIT
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2 SAMPLE ICRA FORM 1 OF 7
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LICENSED ARCHITECT DAVID A. CAMPANELLI 001-020605 STATE OF ILLINOIS 9/1/24

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

Drawing Title: GENERAL - INFECTION CONTROL - SAMPLE PCRA & ILSM FORMS	Phase: ISSUE FOR BID	Project Title: PARKING RAMP EXPANSION	Project Number: 528-18-375
Approved: Project Director		Location: 3495 BAILEY AVE., BUFFALO, NY 14215	Building Number: 29
		Issue Date: 08-09-2024 / Checked: DA / Drawn: JM	Drawing Number: GC301

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	• Interior finish or surface repairs, updates, or modifications such as repair of firewalls and barriers, and new flooring that produces minimal dust and debris. Controlled sanding activities (e.g., wet or dry sanding) that produce minimal dust and debris. • Plumbing work such as installation or replacement of a single fixture or piping for a single fixture. Any work on sanitary plumbing including snaking of drains. • Electrical work such as installation of cabling/wiring/conduit for a single device, installation of new device such as a light fixture that produces minimal dust and debris. • Air Handler and/or fan shutdown/startup and HVAC work such as replacement of a single diffuser, single terminal unit or a single device that produces minimal dust and debris.
Category C	**Small-scale construction, renovation, or maintenance generally defined as follows**: • Work requiring longer than a single week to complete but not exceeding 6 months. • Patients and employees are not to be in the area until activity is completed. • Demolition/removal of preexisting floor covering, casework, lay-in ceiling, or other architectural elements. • Demolition/removal of more than 32 ft^2 of drywall/framing, hard ceilings, and doors/framing and minimal infrastructure such as electrical circuits and branch piping. • Installation of new walls, ceilings and doors including framing, drywall/plaster and associated work. • Plumbing work such as the installation of new sinks, showers and toilets and associated plumbing. • Shut down of sections of potable water systems. • Electrical work such as installation of conduit and wire for lighting, receptacles and switches for an area, the installation of conduit and wire for new devices such as terminal units, fans etc. • Modification of existing fire alarm and suppression systems. • Mechanical work such as the installation of ductwork, diffusers, and terminal units for an area.

Category D	**Large-scale construction, renovation, or maintenance generally defined as follows**:
	• Work exceeding 6 months in duration.
	• Patients and employees are not to be in the area until activity is completed.
	• Large-scale demolition of building components and infrastructure including removal of multiple doors, walls, framing, ceilings, flooring, piping, electrical and HVAC.
	• The installation building components such as new walls, ceilings and doors including framing, drywall and associated plaster work.
	• Plumbing work such as the installation of:
	  o new medical gas systems,
	  o steam/heating hot water, condensate systems,
	  o multiple sinks, showers and toilets including associated plumbing.
	• Shutdown of potable water, steam/heating hot water, condensate, and medical gas systems.
	• Electrical work such as installation of electrical feeders, distribution panels, conduit and wire for lighting, receptacles and switches for an area, the installation of conduit and wire for new devices such as terminal units, fans etc.
	• Installation of fire alarm and suppression systems.
	• Electrical shutdown of multiple panels.
	• Mechanical work such as the installation of air handling equipment, associated ductwork, diffusers, heat exchangers, terminal units and controls.

1 SAMPLE ICRA FORM 2 OF 7
NTS

VHA Infection Control Risk Assessment
for Construction, Renovation and Maintenance

Table 2 - Affected Area Assessment

Identify the areas and associated patients that will be affected by the construction/renovation/maintenance activity (see the Figure for a visual representation of adjacent affected areas).

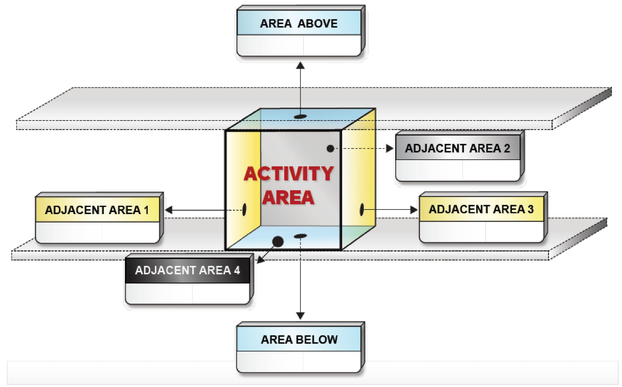

Figure: Isometric drawing of affected area assessment

Area	Service(s)/Type(s) of Area(s) *(e.g., OR, Unit/Ward, Sterile Processing, Administrative, etc.)**	Point of Contact (POC)	POC Contact Information
Activity Area**			
Area Above			
Area Below			
Adjacent Area 1			
Adjacent Area 2			
Adjacent Area 3			
Adjacent Area 4			

* There may be more than one Service/type of area for each row. List all.

** List the area(s) in which the construction/renovation/maintenance activity will occur. ***NOTE: When the Activity Category is B, C, or D, the control measures are determined by the Patient Risk in the adjacent affected areas.***

2 SAMPLE ICRA FORM 3 OF 7
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Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: GENERAL - INFECTION CONTROL - SAMPLE PCRA & ILSM FORMS
Approved: Project Director
Phase: ISSUE FOR BID
Project Title: PARKING RAMP EXPANSION
Location: 3495 BAILEY AVE., BUFFALO, NY 14215
Issue Date: 08-09-2024
Checked: DA
Drawn: JM
Project Number: 528-18-375
Building Number: 29
Drawing Number: GC302

VA FORM 08 - 6231

VHA Infection Control Risk Assessment for Construction, Renovation and Maintenance

Table 3 - Patient Risk Category

Using Table 3, identify the patient risk category for each area listed in Table 2. Of the patient risk categories identified, select the one with the greatest risk as the overall Patient Risk Category for the activity.

Overall Patient Risk Category determined from Table 3 (*Low, Medium, High, or Highest*): ☐

Low Risk	Medium Risk	High Risk	Highest Risk
Non-patient care areas such as:	Patient care support areas such as:	Patient care areas such as:	Procedural, invasive, sterile support and highly compromised patient care areas such as:
• Public hallways and gathering areas not in clinical areas • Office areas not in clinical areas • Breakrooms not in clinical areas • Bathrooms or locker rooms not in clinical areas • Mechanical/electrical rooms not in clinical areas	• Waiting areas • Clinical engineering (biomedical) • Materials management • Sterile processing department – dirty side • Kitchen, cafeteria, gift shop, coffee shop, and food kiosks	• Patient care rooms and areas, including spinal cord injury units • All acute care units, including mental health • All outpatient units and clinics • Emergency department • Community Living Centers, domiciliaries, and transitional residences • Employee health • Pharmacy – general work zone • Medication rooms and clean utility rooms • Imaging suites – diagnostic imaging • Laboratory	• All transplant units • All intensive care units • All oncology units and chemotherapy/infusion centers • OR theaters and restricted areas • Hemodialysis units • Procedural rooms* • Pharmacy compounding area • Sterile processing department – clean side • Transfusion services • Imaging suites – interventional imaging • Dedicated isolation wards/units for infectious diseases

***** Procedural Rooms are designated for the performance of patient care activities that may require high-level disinfected or sterile instruments and some environmental controls but is not required to be performed with the environmental controls of an operating room (OR). The room is intended for procedures that are performed in an aseptic surgical field and penetrates the protective surfaces of a patient's body (e.g., subcutaneous tissue, mucous membranes, cornea) or entry into or opening of a sterile body cavity. Examples of these spaces include Cardiac Catheterization Suites, Electrophysiology Suites, Endovascular/GI Suites, Angio Suites and other spaces which may have high risk patient populations.

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VHA Infection Control Risk Assessment for Construction, Renovation and Maintenance

Table 4 - Level of Infection Prevention and Control Precautions

Match the Overall Patient Risk Category (*Low, Medium, High, Highest*) determined from Table 3 with the planned Construction/Renovation/Maintenance Activity Category (*A, B, C, D*) from Table 1 to determine the minimum Level of Infection Prevention and Control Precautions (*I, II, III, or IV*) using Table 4 below.

Level of Precautions determined from Table 4 (*I, II, III, or IV*): ☐

Patient Risk Category	Activity Category A	B	C	D
Low Risk	I	II	II	III
Medium Risk	I	II	III	IV
High Risk	I	II	IV	IV
Highest Risk	II	III	IV	IV

An infection prevention and control permit is required for Level III and Level IV. Consult with Infection Prevention and Control for Level I and Level II.

Table 5 - Required Infection Prevention and Control Measures, by Level of Precautions

Controls defined below for the Level of Precautions identified for the activity must be in place before the activity begins and maintained until work is completed and the area is activated. Control measures for each Precaution Level must also include the control measures in the preceding Level(s).

As the activity progresses, a full re-evaluation of remaining activity type and patient risk is required prior to downgrading the Level of Precautions.

Level of Precautions	Control Measures
Level I	1. Perform work activity in a manner that does not create dust. 2. Immediately replace any ceiling tile, close access panels, etc., upon completion of work. 3. Any materials and equipment being brought into the facility must be free of contaminants and loose material.
Level II	**All control measures in Level I and the following:** 1. Provide active means to control airborne dust from dispersing into occupied areas and/or water mist surface to control dust (e.g., Mobile Dust Containment Cart or some other system). 2. Ensure worker clothing is clean and free of visible dust before leaving the work area. 3. Remove or isolate air diffusers (supply and return) to protect the HVAC system from dust and reduce air turbulence. Rebalance system to address diffuser isolation.

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: GENERAL - INFECTION CONTROL - SAMPLE PCRA & ILSM FORMS	Phase: ISSUE FOR BID	Project Title: PARKING RAMP EXPANSION	Project Number: 528-18-375
Approved: Project Director			Building Number: 29
		Location: 3495 BAILEY AVE., BUFFALO, NY 14215	Drawing Number: GC303
		Issue Date: 08-09-2024 / Checked: DA / Drawn: JM	

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	4. When the work involves or impacts potable water systems including stagnation due to reduced usage, the piping shall be flushed twice a week or isolated from the main system. 5. Seal doors to prevent dust migration. 6. Contain all trash and debris in the work area. Perform daily cleaning and disposal of trash (covered) from work area using an identified exit route. 7. Any equipment, tools, or materials removed from the work area must be in sealed containers and/or cleaned of dust and debris prior to removal from the area. 8. Nonporous/smooth and cleanable containers (with a hard lid) must be used to transport trash and debris from the construction areas. These containers must be damp-wiped cleaned and free of visible dust/debris before leaving the contained work area. 9. Install a sticky (dust collection) mat at entrance of contained work area based on facility policy. Sticky mats must be changed routinely and when visibly soiled. 10. Maintain clean surroundings when area is not contained by damp mopping or HEPA vacuuming surfaces at least daily.
Level III	**<u>All control measures in Levels I and II</u> and the following:** 1. Ensure availability of equipment for cleaning hands. 2. Construct and complete critical barriers meeting NFPA 241 requirements. Barriers must extend to the ceiling or if ceiling tile is removed, to the deck above. 3. All barrier construction activities must be completed in a manner that prevents dust release. 4. Barriers must be hard barriers unless temporary to install final barrier. Barrier walls shall be inspected and approved prior to the start of demolition or construction. (If VA staff cannot inspect prior to 4:30PM, then the check will be the next business day.) 5. Seal all penetrations in containment barriers, including floors and ceiling, using approved materials (UL schedule firestop if applicable for barrier type). 6. Maintain .01 inches /water gauge negative pressurization of the entire workspace by use of HEPA exhaust air systems directed outdoors (unless a work specific waiver is approved by VHA's Office of Healthcare Engineering); this must be maintained continuously 24/7 for the duration of the project. Exhaust discharged directly to the outdoors that is 25 feet or greater from entrances, air intakes and windows is not required to be HEPA-filtered. Exhausting discharged air into shared or recirculating HVAC systems, or other shared exhaust systems (e.g., bathroom exhaust) is <u>prohibited</u>. 7. Install a differential pressure sensing device (e.g., magnehelic, manometer, or digital monitoring) on exterior of work containment to continually monitor and document negative pressurization. The "ball in the wall" or similar apparatus are <u>not</u> <u>acceptable</u>.
Level IV	**<u>All control measures in Levels I, II and III</u> and the following:** 1. Containment must include an anteroom to ensure pressure control. Anteroom must be large enough for equipment staging, cart cleaning, workers' PPE and cleaning. 2. Worker clothing and/or PPE must be removed or clean and free of visible dust before leaving the work area anteroom. HEPA vacuuming of clothing or use of cover suits is acceptable. 3. Workers must wear shoe covers or have a method to clean shoes in anteroom. Shoe covers must be removed prior to exiting the anteroom to the occupied space (non-work area). Damaged shoe covers must be changed immediately.

VHA Infection Control Risk Assessment
for Construction, Renovation and Maintenance

<u>Table 6 - Minimum Infection Prevention and Control Measures Required Upon Completion of the Activity</u>

Controls defined below shall be completed upon completion of the activity and inspected prior to terminating measures defined in Table 5.

Level of Precautions	Measures
Levels I - II	**Cleaning:** 1. Clean work areas including all environmental surfaces, high horizontal surfaces and flooring materials. 2. Check all supply and return air registers for dust accumulation on upper surfaces as well as air diffuser surfaces. **HVAC Systems:** 1. Remove isolation of HVAC system in areas where work is being performed. Verify that HVAC systems are clean and operational. 2. Verify the HVAC systems meet original airflow and air exchange design specifications. **Water systems:** 1. Until the potable water system is activated <u>and in use</u>, flushing shall continue at least twice per week in accordance with VHA Directive 1061.
Levels III - IV	Construction areas must be inspected by an infection preventionist and engineering representative (and others as determined by the facility) for final activity/project close out and removal of infection prevention and control measures. **Work Area Cleaning:** 1. Clean work areas including all environmental surfaces, high horizontal surfaces and flooring materials. 2. Check all supply and return air registers for dust accumulation on upper surfaces as well as air diffuser surfaces. **Removal of Critical Barriers:** 1. Critical barriers must remain in place during all work involving drywall removal, creation of dust and activities beyond simple touch-up work. The barrier may NOT be removed until a work area cleaning has been performed. Additional cleaning may be needed after removal of barrier. 2. All barrier removal activities must be completed in a manner that prevents dust release. Use the following precautions when removing hard barriers: i. Carefully remove screws and painter tape. ii. If dust will be generated during screw removal, use hand-held HEPA vacuum. iii. Drywall cutting is prohibited during removal process. iv. Clean all stud tracks with HEPA vacuum before removing outer hard barrier. v. Use a plastic barrier to enclose area if dust could be generated. **Negative Air Requirements:** 1. The use of negative air must be designed to remove contaminants from the work area. 2. Negative air devices (fans, filters, monitoring and documentation equipment) must remain operational at all times and in place for a period after completion of dust creating activities to remove contaminants from the work area and before removal of critical barriers. **HVAC systems:** 1. Upon removal of critical barriers, remove isolation of HVAC system in areas where work is being performed. 2. Verify that HVAC systems are clean and operational. 3. Verify and document through a TAB the HVAC systems meets original airflow and air exchange design specifications. **Water systems:** 1. Until the potable water system is activated <u>and in use</u>, flushing shall continue at least twice per week in accordance with VHA Directive 1061.

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	GENERAL - INFECTION CONTROL - SAMPLE PCRA & ILSM FORMS
Phase	ISSUE FOR BID
Project Title	PARKING RAMP EXPANSION
Project Number	528-18-375
Building Number	29
Location	3495 BAILEY AVE., BUFFALO, NY 14215
Drawing Number	GC304
Approved: Project Director	
Issue Date	08-09-2024
Checked	DA
Drawn	JM

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Pre-Construction Risk Assessment (PCRA) Permit

This page must be posted at the entrance to the project area, or other designated area

Unique permit number:			
Location and brief description of construction/renovation/maintenance			
Project manager		Project start date	
Contact phone number		Completion date	
Contractor or lead shop		Permit expiration date	

Activity Type *Inspection/Upkeep, Small-scale, or Large-scale)*	

Activity Type	Control measures to be in place for the duration of the activity *(Check the box for the Activity Type to indicate the Control Measures)*
Inspection/Upkeep ◯	1. Immediately replace any ceiling tile, close access panels, etc., upon completion of work. 2. Site visits of construction area are required weekly by member of multi-disciplinary team. Site visits will be documented on standard checklist. 3. Site specific safety plan, task hazard analysis, and hazard communication required to be provided by the contractor and approved. 4. Must address identified hazards and controls that will be implemented to ensure minimal impact patients, employees, contractors and facility. 5. Communication and coordination plan for all affected areas
Small-scale ◯	**All control measures in the row above and the following:** 1. Hazard communication chemical inventory required to be provided by the contractor and approved. 2. ILSMs in place and staff trained on situation 3. Hot Work or burn permits in place and staff trained 4. LOTO procedures in place and staff trained on their use 5. Site visits will be reviewed using the criteria in standardized guide. 6. Daily inspections of the site are to be conducted by the General Contractor and documented on their daily log.
Large-scale ◯	**All control measures in both rows above and the following Activity Hazard Analyses and Control Plans as applicable (check all that apply):** 1. Excavation safety plan in place ☐ 2. Dust control plan in place ☐ 3. Pollution prevention plan in place ☐ 4. Dig safe paperwork in place ☐ 5. Crane lift plan in place ☐ a. Crane placement b. Crane swing c. Crane load evaluation 6. Fall protection plan in place and staff trained ☐ 7. Confined entry plan in place and staff trained ☐

Additional requirements:
Is an Infection Control Risk Assessment (ICRA) required for the Activity? Yes ◯ No ◯ Infection Prevention and Control signature: Date:

Project Manager signature		Date	
Safety Officer signature		Date	
Chair, Construction Safety Committee signature		Date	

*The location of all Activity Hazard Analyses and Control Plans (excavation, dust, pollution, etc.) as applicable shall be identified on this permit and shall be made available to all workers on the job.

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VHA Pre-Construction Risk Assessment (PCRA)

PCRA Introductory Information and Instructions

Use this template as a baseline for performing facility Pre-Construction Risk Assessments (PCRA) for Construction, Renovation, and Maintenance work (referred to as the "activity" in this document). The template provides minimum requirements for categorizing activity type(s) and safety risk to determine the level of precautions needed to prevent impact related to Construction, Renovation and Maintenance on patients, employees, and contractors.

Ensure that the activity statement of work and any drawings available are used for the PCRA assessment and included in the project file with the completed PCRA.

Communication and coordination of all types of activity with affected areas are to be included among the control measures. The development of communication and coordination plans must begin during the activity planning phase.

Facilities may customize this template to incorporate site-specific information and requirements.

NOTE: *This VHA PCRA template pertains specifically to non-infection-related safety for Construction, Renovation, and Maintenance activities. It must be used in conjunction with the VHA Infection Control Risk Assessment (ICRA) for the activity, if required, which specifically addresses infection risks outside the scope of this PCRA.*

PERMIT: See the last page of this document for a fillable permit form to be used for posting at the activity site.

Activity Location:

Activity Name, Number, and/or Brief Description:

Table 1 - Construction, Renovation, and/or Maintenance Activity Type and Control Measures

NOTE: *If any of the bulleted criteria in a higher activity type pertains to the work that will be done (even if the other criteria are in a lower type), use the higher activity type for the VHA PCRA.*

Controls defined in Table 1 for the activity must be in place before the activity begins and maintained until work is completed and the area is activated. Control measures for each activity must also include the control measures in the preceding row(s).

As the activity progresses, a full re-evaluation of remaining activity type and risk is required prior to changing the level of control measures.

Activity Type determined from Table 1:

Activity Type and Description	Control Measures
Inspection/upkeep generally defined as follows: • Work can be completed in a single shift, not to exceed 10 hours. • Patients, employees and/or visitors may be in the area depending on the activity. • Work that does not create dust or debris. • Work that does not create vapors or fumes. • Removal of ceiling tile or access to mechanical or electrical chase for visual inspection that will not impair fire safety systems and are limited to 1 tile per 50 square feet with limited	1. Immediately replace any ceiling tile, close access panels, etc., upon completion of work. 2. Site visits of construction area are required weekly by member of multi-disciplinary team. Site visits will be documented on standard checklist. 3. Site specific safety plan, task hazard analysis, and hazard communication required to be provided by the contractor and approved where a contact is in place. For internal work the

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: GENERAL - INFECTION CONTROL - SAMPLE PCRA & ILSM FORMS
Approved: Project Director
Phase: ISSUE FOR BID
Project Title: PARKING RAMP EXPANSION
Location: 3495 BAILEY AVE., BUFFALO, NY 14215
Issue Date: 08-09-2024
Checked: DA
Drawn: JM
Project Number: 528-18-375
Building Number: 29
Drawing Number: GC305

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VHA Pre-Construction Risk Assessment (PCRA)

exposure time (not to exceed an hour for each tile) within the shift. • Minor interior updates (e.g., replacing floor or ceiling tiles, carpentry work to include hanging signage, and painting with hand tools) that do not create vibration or noise. • Limited building system maintenance that does not require Lock Out Tag Out (LOTO) such as plumbing on potable systems limited to faucet replacement, steam trap replacement etc. and electrical work such as replacement of bulbs, receptacles, or switches.	shop involved must work with Safety to ensure proper precautions are in place. 4. Must address identified hazards and controls that will be implemented to ensure minimal impact to patients, employees, contractors and facility. 5. Communication and coordination plan for all affected areas
Small scale Construction, Renovation and general maintenance/repair work, generally defined as follows: • Prolonged work that may take longer than a single shift but not exceeding six months. • Patients and employees are not to be in the area until activity is completed. • Work that creates some noise and vibration due to power tool use. • Selective demolition/removal of preexisting floor covering, casework, lay-in ceiling, or other architectural elements that may o disturb asbestos, lead or silica o create the potential for falling objects o create vibration and/or noise in excess of 80 dB(A) in surrounding areas. o cause penetrations in fire or smoke barrier • Plumbing work such as the installation of new sinks, showers and toilets and associated plumbing that requires utility outages or work on the steam system that may require: o LOTO o The use of compressed gas cylinders • Electrical work such as installation of conduit and wire for lighting, receptacles and switches for an area, the installation of conduit and wire for new devices such as terminal units, fans etc. Electrical work such as installation of cabling/wiring/conduit for a single device, installation of new device such as a light fixture that require LOTO. • Air Handler and/or fan shutdown/startup and HVAC work such as replacement of a single diffuser, single terminal unit, a single device and the installation of ductwork, diffusers, and terminal units for an area that may require: o Work on ladders o Rigging, hoisting or lifting of equipment or materials overhead • Modification of existing fire alarm and suppression systems requiring system outages and ILSMs or obstruction of exits and or impact on corridors. • Architectural, structural, or any other work that may cause vapors or fumes such as: o Roofing work o Flooring work o Painting or other large-scale use of such substances.	**All control measures in the row above and the following:** 1. Hazard communication chemical inventory required to be provided by the contractor and approved. 2. Where construction, Renovation and maintenance are done in an accredited facility, and ILSM assessment is required to be done and ILSMs put into place in accordance with TJC LS.01.02.01 and the local facility policy including Fire watch if necessary. Staff is trained and the ILSM is verified regularly 3. Hot Work or burn permits in place and staff trained 4. LOTO procedures in place and staff trained on their use 5. Site visits will be reviewed using the criteria in standardized guide. 6. Daily inspections of the site are to be conducted by the General Contractor or shop supervisor and documented on their daily log.
Large-scale construction, renovation, or maintenance generally defined as follows: • Work exceeding 6 months in duration. • Patients and employees are not to be in the area until activity is completed.	**All control measures in the two rows above and the following Activity Hazard Analyses and Control Plans (check all that apply):** 1. Excavation safety plan in place ☐ 2. Dust control plan in place ☐

VHA Pre-Construction Risk Assessment (PCRA)

• Excavation or heavy equipment use taking place o Dig safe required utility location o Trench safety o Dust control plan o Equipment exhaust, Noise, Vibration • Confined space entry required (permit required or not) • Requires crane work o General crane work o Lift over buildings • Includes elevated work o Roof work, fall protection o Window work, scaffolding and fall protection o Odor control • Welding, cutting or use of torches requiring burn permits • Demolition of building components and infrastructure including removal of multiple doors, walls, framing, ceilings, flooring, piping, electrical and HVAC that may o require asbestos, lead or silica abatement o create the potential for falling objects o create vibration and/or noise in excess of 90 dB(A) in surrounding areas. o cause breaches to fire or smoke barrier • The installation building components such as new walls, ceilings and doors including framing, drywall and associated plaster work that requires transport of significant materials through building and up elevators i.e., weight limits of floors and elevators • Plumbing work requiring LOTO and system shutdown and startup such as the installation of: o new medical gas systems, o steam/heating hot water, condensate systems, o Potable water and sanitary drainage, multiple sinks, showers and toilets including associated plumbing. • Electrical work such as installation of electrical feeders, distribution panels, conduit and wire for lighting, receptacles and switches for an area, the installation of conduit and wire for new devices such as terminal units, fans etc. requiring LOTO and system isolation. • Installation of fire alarm and suppression systems requiring outages of those systems and ILSMs or closure of exits/corridors • Mechanical work such as the installation of air handling equipment, associated ductwork, diffusers, heat exchangers, terminal units and controls requiring lifting and support of equipment and systems.	3. Pollution prevention plan in place ☐ 4. Dig safe paper work in place ☐ 5. Crane lift plan in place ☐ a. Crane placement b. Crane swing c. Crane load evaluation 6. Fall protection plan in place and staff trained ☐ 7. Confined entry plan in place and staff trained ☐

Table 2. Affected Adjacent Area Assessment

In addition to the minimum precautions noted above for the Activity Type, it is critical that the activity be coordinated with the areas adjacent to the activity to ensure operations in those areas are not disrupted or impacted. List the adjacent areas in Table 2 below and develop activity-specific coordination plans and associated communication plans with each area to address activity work that could impact or disrupt the operation of the areas, in general as follows:

- If adjacent area is **vacant** (e.g., work outside, construction of new building, etc.):
  - Coordination is typically not necessary other than potentially traffic flow and pedestrian access.

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

Drawing Title: GENERAL - INFECTION CONTROL - SAMPLE PCRA & ILSM FORMS	Phase: ISSUE FOR BID	Project Title: PARKING RAMP EXPANSION	Project Number: 528-18-375
Approved: Project Director			Building Number: 29
		Location: 3495 BAILEY AVE., BUFFALO, NY 14215	Drawing Number: GC306
		Issue Date: 08-09-2024 / Checked: DA / Drawn: JM	

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VHA Pre-Construction Risk Assessment (PCRA)

- If adjacent area is **non-continuously occupied** (e.g., areas where outpatient care is provided, employee health, etc.):
  - Develop a list of activities that will potentially impact or disrupt the operation of the area (e.g., work involving noise, vibration or exit obstruction) and meet with POC to coordinate execution of work in a way that mitigates the impact (e.g., conduct work after hours).
- If adjacent area is **occupied continuously** (e.g., areas where inpatient care is provided, residential areas such as Community Living Centers, etc.):
  - Develop a list of activities that will potentially impact or disrupt the operation of the area (e.g., work involving noise, vibration or exit obstruction) and meet with POC to coordinate execution of work in a way that mitigates the impact (e.g., move affected party temporarily).

Area	Service(s)/Type(s) of Area(s) *(e.g., OR, Unit/Ward, Sterile Processing, Administrative, etc)**	Point of Contact (POC)	POC Contact Information	Construction plan communicated to POC?
Activity Area**				
Area Above				
Area Below				
Adjacent Area 1				
Adjacent Area 2				
Adjacent Area 3				
Adjacent Area 4				

* There may be more than one Service/type of area for each row. List all. The information entered on this table must be used in the ICRA if required.
** List the area(s) in which the construction/renovation/maintenance activity will occur.

Infection Control Risk Assessment (ICRA)

Consult with Infection Prevention and Control regarding the assessment of potential infection risks associated with the activity and the need for control measures. See VHA Directive 7715 and the VHA ICRA Template for more information.

Is an ICRA required for the Activity? Yes ○ No ◉

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Drawing Title: GENERAL - INFECTION CONTROL - SAMPLE PCRA & ILSM FORMS
Approved: Project Director
Phase: ISSUE FOR BID
Project Title: PARKING RAMP EXPANSION
Location: 3495 BAILEY AVE., BUFFALO, NY 14215
Issue Date: 08-09-2024
Checked: DA
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Project Number: 528-18-375
Building Number: 29
Drawing Number: GC307

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ILSM EVALUATION

[redacted] [redacted]

Evaluated Item	YES	NO	Joint Commission ILSM Administrative Actions	If answer is "Yes", see actions required to be taken	Training/Review Date
Will any exit be obstructed?			Ensuring unobstructed exits. When alternative exits have been designed, staff members in affected areas must receive additional training. Buildings or areas under construction must maintain escape routes for construction workers at all times, and the means of exiting construction areas are inspected daily.	Personnel in the building will receive training on alternate routes and exits Construction areas will have designated and marked exits to be clear at all times if necessary	Date: Date:
Will any entrance be obstructed to limit the access to emergency services?			Ensuring free and unobstructed access to emergency services and for fire, police, and other emergency forces.	The construction plans will be reviewed to ensure proper access and will be maintained	Date:
Will any fire detection or suppression system be impaired for > 4 hours in a 24 hour period?			Ensuring that the fire detection and suppression systems are in good working order. A temporary but equivalent system must be provided when any fire system is impaired. Temporary systems must be inspected and tested monthly.	Contractor will be briefed to schedule work to minimize time systems impaired and notify appropriate offices prior to system being impaired	Date:
Will construction be open to other areas without any smoke tight barriers?			Ensuring that temporary construction partitions are smoke tight and built of noncombustible of limited combustible materials that will not contribute to the development or spread of fire.	Contractor will be briefed at pre-construction conference of requirement	Date:
Will fire hazard be substantially higher?			Providing additional firefighting equipment and training staff in its use.	Contractor will be briefed at the pre-construction conference for the need to provide adequate firefighting equipment and training construction employees	Date:
Will smoking be permitted in construction areas?			Prohibiting smoking throughout the organization's buildings and in and near construction areas.	Refer to Fargo VA HCS Smoking Policy	Date:
Will storage, housekeeping and debris removal practices increase the fire load?			Developing and enforcing storage, housekeeping, and debris removal practices that reduce the building's flammable and combustible fire load to the lowest feasible level.	Contractor will be briefed at preconstruction conference of requirement	Date:

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Evaluated Item	YES	NO	Joint Commission ILSM Administrative Actions	If answer is "Yes", see actions required to be taken	Training/Review Date
Will the fire hazard increase to justify extra fire drills?	☐	☐	Conducting a minimum of two fire drills per shift per quarter.	Safety Department will evaluate effects of work on life safety and determine if there is a need to increase frequency of drills	Date:
Will hazardous conditions substantially increase in or around the buildings to require extra surveillance activities?	☐	☐	Increasing hazard surveillance of buildings, grounds, and equipment, with special attention to excavations, construction areas, construction storage, and field offices.	A Fire Watch will be implemented as needed	Date:
Will structural features of fire safety be impaired?	☐	☐	Training staff to compensate for impaired structural or compartmentalization features of fire safety.	Personnel in the building will receive training in response for life safety deficiencies if necessary	Date:
Will this project affect the life safety features of all areas?	☐	☐	Conducting organization wide safety education programs to promote awareness of LSC building deficiencies, construction hazards, and ILSMs.	Staff will be made aware of deficiencies, hazards, and interim measures during personal contact, training, and/or information channels. ILSM will be posted by project site.	Date:
Other Life Safety Code considerations?	☐	☐		If Ceiling Tiles are out for more than 4 hours a fire watch will be implemented.	Date: Contractor will provide watch during work hours (M-Th 0700-1700, Fri 0700-1200) VA Police will provide watch during all other times.

ILSM Required: ☐ Yes ☐ No

ILSM Issue Date: Evaluation determines no ILSM needed

X _____
Prepared by

X _____
Reviewed By

2

2 ILSM SAMPLE FORM 2 OF 2
NTS

ISSUE FOR BID	08-09-2024
Revisions:	Date:

CONSULTANT

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STATE OF ILLINOIS

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: GENERAL - INFECTION CONTROL - SAMPLE PCRA & ILSM FORMS

Approved: Project Director

Phase: ISSUE FOR BID

Project Title: PARKING RAMP EXPANSION

Location: 3495 BAILEY AVE., BUFFALO, NY 14215

Issue Date: 08-09-2024 | Checked: DA | Drawn: JM

Project Number: 528-18-375

Building Number: 29

Drawing Number: GC308

VA FORM 08 - 6231

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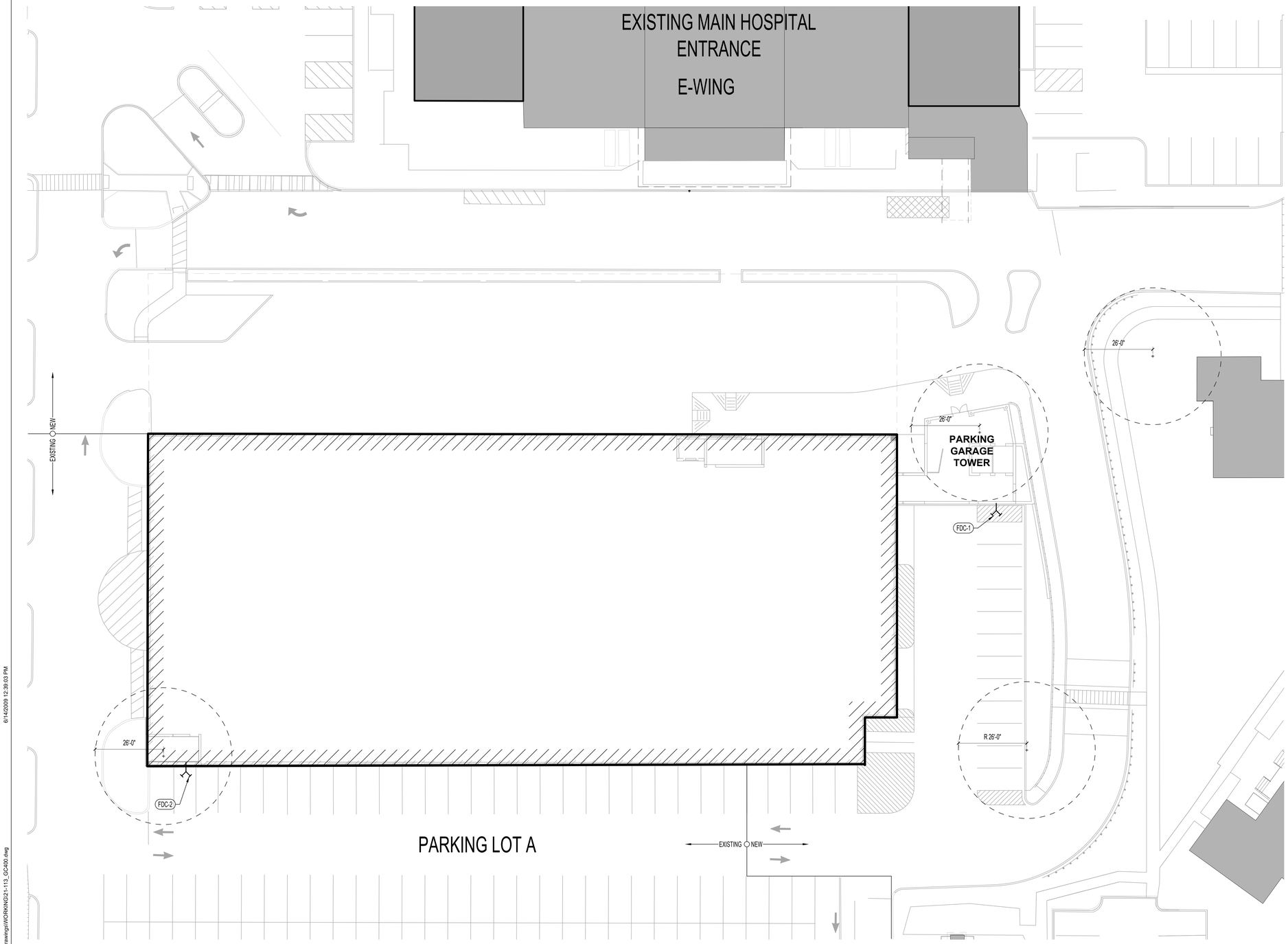
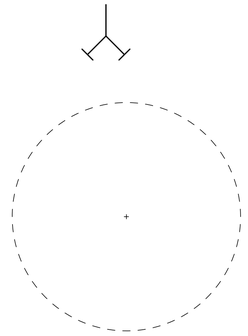


GENERAL SITE ACCESS PLAN LEGEND



1 GENERAL - FIRE TRUCK ACCESS PLAN
NTS

ISSUE FOR BID	08-09-2024
Revisions:	Date:

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9/9/24

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: GENERAL - SITE ACCESS PLAN	Phase: ISSUE FOR BID	Project Title: PARKING RAMP EXPANSION	Project Number: 528-18-375
Approved: Project Director		Location: 3495 BAILEY AVE., BUFFALO, NY 14215	Building Number: 29
		Issue Date: 08-09-2024 / Checked: CZ / Drawn: RB	Drawing Number: GC400

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