U.S. Department of Veterans Affairs

PROJECT LOCATION:

4801 VETERANS DRIVE ST. CLOUD, MINNESOTA 56303

PROJECT TITLE: **CONSTRUCT PACT CLINIC BUILDING 4 FIRST FLOOR**

BUILDING NUMBER:

ARCHITECT/ENGINEER OF RECORD: **BANCROFT ARCHITECTS + ENGINEERS** 700 NICHOLAS BLVD. SUITE 300

ELK GROVE VILLAGE, ILLINOIS 60007

CONSULTANTS:

STRUCTURAL ENGINEER OF RECORD: JOHNSON WILBUR ADAMS, INC.

330 S. NAPERVILLE ROAD, SUITE 300 WHEATON, ILLINOIS 60187

MEP ENGINEER OF RECORD: IMEG CORP.

3001 BROADWAY STREET NE, SUITE 601 MINNEAPOLIS, MN 55413

CERTIFIED INDUSTRIAL HYGIENIST: **INSTITUTE FOR ENVIRONMENTAL ASSESSMENT, INC.** 9201 WEST BROADWAY

BROOKLYN PARK, MN 55445

PROJECT NUMBERS:

CONTRACT NUMBER: TASK ORDER NUMBER: STATION PROJECT NUMBER: BAE PROJECT NUMBER:

36C263-19-D-0022 36C26319N1141 656-400 18-116

| | ISSUE FOR 100% CONSTRUCTION DOCUMENTS | 10/28/22 |
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PROFESSIONAL SEALS:

APPROVED: PROJECT COR

T: 847.952.9362



ARCHITECT/ENGINEER OF RECORD

ISSUE FOR 100% CONSTRUCTION DOCUMENTS OCTOBER 28, 2022

GENERAL CONDITIONS:

- ALL DIMENSIONS ON DRAWINGS ARE APPROXIMATE; DRAWINGS ARE NOT TO BE SCALED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL FIELD CONDITIONS AND PHYSICAL DIMENSIONS THAT INFLUENCE THE CONSTRUCTION ARFA
- 2. IT IS RECOMMENDED THAT CONTRACTORS VISIT THE PROPOSED CONSTRUCTION SITE PRIOR TO SUBMITTING THEIR BIDS AND THEY ARE ENCOURAGED TO DO
- 5. CONTRACTOR SHALL ADHERE STRICTLY TO STATE AND FEDERAL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS.
- CONTRACTOR SHALL PARK ONLY IN THE DESIGNATED PARKING AREAS AND ARE NOT TO PARK ON THE LAWN AREAS; THE ONLY EXCEPTION IS TO LOAD OR UNLOAD SUPPLIES OR EQUIPMENT
- AND ARE TO BE SECURED AT ALL TIMES WHEN THE CONTRACTOR IS NOT PRESENT, OR THE CONSTRUCTION SITE IS NOT SUPFRVISED BY THE CONTRACTOR.
- ALL VA PROPERTY IS TO BE SAFEGUARDED FROM DAMAGE. ANY DAMAGED VA PROPERTY IS TO BE RESTORED TO ORIGINAL CONDITION PRIOR TO DAMAGE OR REPLACED COMPLETELY. THIS INCLUDES INSTALLATION, LABOR, AND PROCUREMENT EXPENSES.
- ALL DEMOLISHED MATERIAL BECOMES THE PROPERTY AND THE RESPONSIBILITY OF THE CONTRACTOR WITH THE EXCEPTION OF SPECIFIED ITEMS DESIGNATED EITHER IN THE PLANS OR VERBALLY REQUESTED BY THE COR TO BE RETAINED BY THE VA.
- 8. OFFSITE DISPOSAL OF THE DEMOLISHED ITEMS IS THE RESPONSIBILITY OF THE CONTRACTOR
- CONTRACTOR MUST CONTROL DEMOLITION AND CONSTRUCTION DUST FROM FACILITY BY ERECTING A DUST BARRIER AND VENTILATION WITH HEPA FILTERS. IF VENTING TO OUTSIDE. THE CONTRACTOR WILL INSURE NEGATIVE AIR PRESSURE IS MAINTAINED IN ENCAPSULATED WORK AREA. WHEN TRANSPORTING DEBRIS, WET DOWN SUFFICIENTLY TO PREVENT DUST SPREADING
- 10. IF SCAFFOLDING IS USED, IT MUST BE USED IN ACCORDANCE WITH (OSHA) REGULATIONS AND IS TO BE ENCLOSED FOR THE FIRST EIGHT FEET ABOVE GROUND AT END OF EACH WORKING DAY, UNTIL DISMANTLED. LADDERS MUST BE REMOVED AND LOCKED UP AT THE END OF EACH WORKING DAY TO PREVENT UNAUTHORIZED PERSONS FROM HAVING ACCESS.
- 11. CLEAN ALL DEBRIS FROM CONSTRUCTION SITE TO THE SATISFACTION OF THE COR.
- 12. CONTRACTOR IS RESPONSIBLE FOR ERECTING A BARRIER AROUND WORK SITE TO PREVENT PATIENTS, STAFF AND VISITORS FROM ENTERING CONSTRUCTION SITE. THIS FENCE MAY BE A PLASTIC SNOW FENCE. COORDINATE CONSTRUCTION MATERIALS AND LOCATION OF FENCE WITH COR.
- 13. CONTRACTOR IS RESPONSIBLE FOR REPAIRING AND REPLACING ANY DAMAGED LAWN. THE RESTORATION WILL BE PERFORMED BY A LANDSCAPE CONTRACTOR THAT REGULARLY DOES SODDING AS PART OF THEIR BUSINESS. ALL DAMAGEE LAWN WILL BE OVERCUT BY 6" OR MORE TO ACCOMODATE FULL WIDTH ROLLS OF SOD. TOP SOIL TO BE TILLED AND GRADED TO A SMOOTH MATCHING GRADE OF UNDAMAGED LAWN. SOD TO BE THOROUGHLY SATURATED WITH WATER UPON PLACEMENT. THE CONTRACTOR IS RESPONSIBLE FOR WATERING NEW SOD UNTIL PROJECT ACCEPTANCE BY THE COR.
- 14. ACCESS TO ALL BUILDINGS AND PARKING AREAS MUST BE MAINTAINED HROUGHOUT THE PROJECT.
- 15. CONTRACTORS ARE TO COORDINATE ALL WORK WITH THE CONTRACTING OFFICER'S REPRESENTATIVE. (COR)

| DATE: | APPROVED: SERVICE LINE DIRECTOR DATE: | APPROVED: INFECTION CONTROL NURSE DATE: | DRAWING TITLE GENERAL - TITLE SHEET | PREJECT TITLE CONSTRUCT PACT CLINIC BUILDING 4 FIRST FLOOR | DATE: 10/28/22 PLOT SCALE |
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| | APPROVED: PROJECTS SECTION MANAGER DATE: | | APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: | | PRUJECT ND. 656-400 |
| | APPROVED: DIRECTOR FMS DATE: | APPROVED: SAFETY MANAGER DATE: | APPROVED: CHIEF OF STAFF DATE: | BUILDING NO 4 CHECKED BY DRAWN LC | DRAWING NIL GOO1 |
| | | | APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: | ST. CLOUD VAHCS ST. CLOUD, MN 56303 | DWG. DF |



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| G002 | 2 | GENERAL - DRAWING INDEX | | * | * | * | * | * |
| G003 | 3 | GENERAL - CODE AND BUILDING INFORMATION | * | * | * | * | * | * |
| | 4 | GENERAL - CODE AND BUILDING INFORMATION | | | | * | * | * |
| GI001 | 5 | GENERAL - CONTRACTOR AND BASIS OF DESIGN NOTES | * | * | * | * | * | * |
| GI002 | 6 | GENERAL - PROTECTION PROTOCOL AND MISC NOTES | * | * | * | * | * | * |
| GI003 | 7 | GENERAL - DEMOLITION NOTES | | * | * | * | * | * |
| G1005 G1100 | , Q | GENERAL - LIFF SAFFTY PLAN - RASEMENT | | * | * | * | * | * |
| CI101 | α 0 | GENERAL - LIFE SAFETY PLAN - FIRST FLOOR | * | * | * | * | * | * |
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| | | HAZARDOUS MATERIALS | | | | | | |
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| SF101 | 21 | STRUCTURAL - PLAN - FIRST FLOOR FRAMING | ļļ | | * | * | * | * |
| SF102 | 22 | STRUCTURAL - PLAN - ROOF FRAMING (FUTURE SECOND FLOOR) | | | * | * | * | * |
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| AD100 | 28 | AKCHITECTURAL - DEMOLITION COORD AND KEY NOTES | ļļ | | | * | * | * |
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| A013 | 36 | ARCHITECTURAL - COMPOSITE CEILING PLAN - FIRST FLOOR | | | * | * | * | * |
| A 100 | 27 | ARCHITECTURAL - PLAN - RASEMENT | | | | * | * | * |
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| A521 | 61 | ARCHITECTURAL - PLAN AND DETAILS - PATIENT LIFT | | | | * | * | * |
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| IF100 | 69 | INTERIORS - FINISH PLAN - BASEMENT | ļļ | | | * | * | * |
| IF101.1 | 70 | INTERIORS - FINISH PLAN - FIRST FLOOR - ZONE 1 | | | | * | * | * |
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| IQ101.2 | 78 | EQUIPMENT - PLAN - FIRST FLOOR - ZONE 2 | | | | * | * | * |
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| F000 | 80 | FIRE PROTECTION - COVER SHEET | | | * | * | * | * |
| FD100 | 81 | FIRE PROTECTION - DEMOLITION PLAN - BASEMENT | | | * | * | * | * |
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| PD101 | 88 | PLUMBING - DEMOLITION PLAN - FIRST FLOOR | | | * | * | * | * |
| PD102 | 89 | PLUMBING - DEMOLITION PLAN - LOWER ROOF | | | * | * | * | * |
| PU100 | 90 | PLUMBING - PLAN - BASEMENT UNDERFLOOR | | | * | * | * | * |
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| P400 | 95 | PLUMBING - WASTE RISER DIAGRAM | | | | | * | * |
| P401 | 96 | PLUMBING - WASTE AND VENT RISER DIAGRAM | | | | | * | * |
| P500 | 97 | PLUMBING - SCHEDULES AND MATERIAL LIST | | | * | * | * | * |
| | | MECHANICAL | | | | | | |
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| MHD101 | 100 | MECHANICAL - VENTILATION - DEMOLITION PLAN - FIRST FLOOR | | | * | * | * | * |
| MHD102 | 101 | MECHANICAL - VENTILATION - DEMOLITION PLAN - LOWER ROOF | | | | * | * | * |
| MH100 | 102 | MECHANICAL - VENTILATION - PLAN - BASEMENT | | | * | * | * | * |
| MH101 | 103 | MECHANICAL - VENTILATION - PLAN - FIRST FOOR | | | * | * | * | * |
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| MH300 | 107 | MECHANICAL - VENTILATION - SECTIONS | | | * | * | * | * |
| MH400 | 108 | MECHANICAL - VENTILATION - DETAILS | | | * | * | * | * |
| MH500 | 109 | MECHANICAL - VENTILATION - SCHEDULES | | | * | * | * | * |
| MI100 | 110 | MECHANICAL - CONTROL SEQUENCES - AHU-01 | | | * | * | * | * |
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| MPD101 | 114 | MECHANICAL - PIPING - DEMOLITION PLAN - FIRST FLOOR | | | * | * | * | * |
| MP100 | 115 | MECHANICAL - PIPING - PLAN - BASEMENT | | | * | * | * | * |
| MP101 | 116 | MECHANICAL - PIPING - PLAN - FIRST FLOOR | | | * | * | * | * |
| MP200 | 117 | MECHANICAL - PIPING - ENLARGED PLANS | | | * | * | * | * |
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| MP400 | 119 | MECHANICAL - PIPING - DETAILS | | | * | * | * | * |
| MP401 | 120 | MECHANICAL - PIPING - FLOW DIAGRAMS | | | | | * | * |
| MP402 MP403 | 121 | MECHANICAL - PIPING - FLOW DIAGRAMS | | | | | * | * |
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| E000 | 124 | ELECTRICAL - COVER SHEET | | | * | * | * | * |
| ED100 | 125 | ELECTRICAL - DEMOLITION PLAN - BASEMENT | | | * | * | * | * |
| EDL101 | 126 | ELECTRICAL - LIGHTING - DEMOLITION PLAN - FIRST FLOOR | | | * | * | * | * |
| EDP101 | 127 | ELECTRICAL - POWER - DEMOLITION PLAN - FIRST FLOOR | | | * | * | * | * |
| EL100 | 128 | ELECTRICAL - LIGHTING - PLAN - BASEMENT | | | * | * | * | * |
| EL101 | 129 | ELECTRICAL - LIGHTING - PLAN - FIRST FLOOR | | | ۰ * | * | * | * |
| EP100 | 130 | ELECTRICAL - POWER & SYSTEMS - PLAN - BASEMENT | | | * | * | * | * |
| FP102 | 131 137 | FIFCTRICAL - POWER - PLAIN - FIRST FLOOK | | | * | * | * | * |
| ES400 | 133 | ELECTRICAL - FIRE ALARM RISER DIAGRAM | | | * | * | * | * |
| E200 | 134 | ELECTRICAL - ENLARGED PLANS | | | * | * | * | * |
| E300 | 135 | ELECTRICAL - DETAILS | | | * | * | * | * |
| E400 | 136 | ELECTRICAL - ONE-LINE DIAGRAMS | | | * | * | * | * |
| E401 | 137 | ELECTRICAL - ONE-LINE DIAGRAMS | | | * | * | * | * |
| E500 | 138 | ELECTRICAL - SCHEDULES | | | * | * | * | * |
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| T200 | 143 | TECHNOLOGY - ENLARGED PLANS | | | * | * | * | * |
| T300 | 144 | TECHNOLOGY - DETAILS | | | * | * | * | * |
| T400 | 145 | TECHNOLOGY - RISER DIAGRAMS | | | * | * | * | * |
| T500 | 146 | TECHNOLOGY - SCHEDULES | | | * | * | * | * |

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| DATE: | APPROVED: SERVICE LINE DIRECTOR | DATE: | APPROVED: INFECTION CONTROL NURSE DATE: | E: | DRAWING TITLE GENERAL - DRAWING INDEX | PREJECT TITLE CONSTRU BUILDING | CT PACT (4 FIRST F | CLINIC LOOR | DATE: 10/28/22 PLOT SCALE | | |
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| | APPRUVED: GEMS PRDJECT MANAGER | DATE: DATE: | APPROVED: PATIENT SAFETY DATE: | DATE: | APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: | | | | | | PREJECT NE. 656-400 |
| | APPROVED: DIRECTOR FMS | DATE: | APPROVED: SAFETY MANAGER DATE: | | APPROVED: CHIEF OF STAFF DATE: | | BUILDING No 4 | CHECKED BY | DRAWN | DRAWING ND. | |
| | <u></u> | | | | APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: | | ST. | CLOUD VA CLOUD, M | AHCS N 56303 | DWG. DF | |



| | ISSUE FOR 100% CONSTRUCTION DOCUMENTS | 10/28/22 |
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| No | REVISION | DATE |

APPLICABLE CODES + STANDARDS

ALL WORK SHALL COMPLY WITH THE FOLLOWING CODES AND STANDARDS.

- VA DIRECTIVES, DESIGN MANUALS, MASTER SPECIFICATIONS, VA NATIONAL CAD STANDARD APPLICATION GUIDE GUIDANCE ON THE TECHNICAL INFORMATION LIBRARY (TIL) (HTTP://WWW.CFM.VA.GOV/TIL/).
- 2. INTERNATIONAL BUILDING CODE 2018 (IBC) (SEE NOTE A BELOW).
- 3. NFPA 101 LIFE SAFETY CODE 2018 (SEE NOTE A BELOW).
- 4. NFPA NATIONAL FIRE CODES WITH THE EXCEPTION OF NFPA 5000 AND NFPA 900.
- 5. OCCUPATIONAL, SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS.
- 6. VA SEISMIC DESIGN REQUIREMENTS, H-18-8.
- 7. NATIONAL ELECTRICAL CODE (NEC).
- 8. INTERNATIONAL PLUMBING CODE (IPC).
- 9. SAFETY CODE FOR ELEVATORS AND ESCALATORS, AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME) A 17
- 10. ASME BOILER AND PRESSURE VESSEL CODE.
- 11. ASME CODE FOR PRESSURE PIPING.
- 12. ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARDS (ABAAS) INCLUDING VA SUPPLEMENT, BARRIER FRI GUIDE (PG-18-13).
- 13. BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, AMERICAN CONCRETE INSTITUTE AND COMMENT 14. MANUAL OF STEEL CONSTRUCTION, LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATIONS FOR STRUCTURA BUILDINGS, AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)
- 15. ENERGY POLICY ACT OF 2005 (EPACT)
- 16. DOE INTERIM FINAL RULE: ENERGY CONSERVATION STANDARDS FOR NEW FEDERAL, COMMERCIAL AND MULTI-F/ RISE RESIDENTIAL BUILDINGS AND NEW LOW-RISE RESIDENTIAL BUILDINGS, 10 CFR PARTS 433, 434 AND 435.
- 17. FEDERAL LEADERSHIP IN HIGH PERFORMANCE AND SUSTAINABLE BUILDINGS: MEMORANDUM OF UNDERSTANDIN
- 18. EXECUTIVE ORDER 13423: STRENGTHENING FEDERAL ENVIRONMENTAL, ENERGY, AND TRANSPORTATION MANAG 19. THE PROVISIONS FOR CONSTRUCTION AND SAFETY SIGNS. STATED IN THE GENERAL REQUIREMENTS SECTION VA MASTER CONSTRUCTION SPECIFICATION.
- 20. VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY ASHRAE STANDARD 62.1-2004.
- 21. SAFETY STANDARD FOR REFRIGERATION SYSTEMS ASHRAE STANDARD 15 2007.
- 22. ASHRAE-110 F VELOCITY MEASUREMENT PROCEDURES
- 23. SHEET METAL AND AIR CONDITIONING CONTRACTORS ASSOCIATION (SMACNA)
- 24. INTERNATIONAL MECHANICAL CODE (IMC)
- 25. UNDERWRITER'S LABORATORIES (UL)

NOTE A:

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

FIRE PROTECTION SYSTEM

PROJECT AREA SHALL BE SPRINKLERED WITH SYSTEM INCLUDING VA-APPROVED SPRINKLER HEADS. BAL BUILDING UNDERSTOOD TO BE NON-SPRINKLERED. ALL WORK SHALL BE IN COMPLIANCE WITH APPLICABLE BUILDING CODES.

ARCHITECTURAL BARRIERS ACT (ABA)

PER ICC/ANSI-A117.1-2009, THE FOLLOWING SHALL COMPLY FULLY:

- 1. ACCESSIBLE TOILET ROOMS AS DESIGNATED IN SCOPE OF WORK.
- 2. ACCESSIBLE HI-LO DRINKING FOUNTAINS NOT IN SCOPE OF WORK.
- 3. ALL CONTROLS AND OPERABLE PARTS SHALL FULLY COMPLY AND BE BETWEEN 15" AND 48" AFF.
- 4 ALL SIGNAGE SHALL COMPLY, BE OF BRAILLE AND TACTILE STYLE AND LOCATED ON THE DOOR HANDLI DOOR AND INSTALLED AT ABA COMPLIANT HEIGHT AND DISTANCE FROM DOOR FRAME.



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BAE PROJECT NO. 18-116

| | GENERAL I | PROJECT | INFC | ORMATION | | | | | | |
|---|--|---|--|---|--|--|---|--|--|--|
| R | NAME: CONSTRU BUILDING NUMBER: 4 ADDRESS: 4801 VE | JCT PACT CLINIC BU TERANS DRIVE | JILDING 4 | FIRST FLOOR | | | | | | |
| | PROJECT DESCRIPTION: THE SCOPE OF WORK OF THIS PROJECT INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING: | | | | | | | | | |
| | – REMO THE CLINI | DEL OF A PORTION OPEN COURTYARD AF C WITH SUPPORT INF | OF THE F REA OF TH FRASTRUCT | IRST FLOOR OF BUI IE BUILDING TO PRO URE. | DING 4 AND CONSTRUCTION OF , VIDE FOR A PATIENT-ALIGNED CA | A BUILDING INFILL IN RE TEAM (PACT) | | | | |
| | - CONS AREA MECH | TRUCTION OF A BAS OF BUILDING 4, AL(ANICAL ROOM MEANS | SEMENT LEV ONG WITH S OF EGRE | VEL MECHANICAL RO A REMODEL OF A F ESS. | OM AS A BUILDING INFILL IN THE ORTION OF THE BASEMENT TO PI | OPEN COURTYARD ROVIDE FOR | | | | |
| | OWNER: US DEP/ ADDRESS: 4801 VE ST. CLO | ARTMENT OF VETERAN TERANS DRIVE UD, MN 56303 | NS AFFAIRS | S | | | | | | |
| | DESIGN PROFESSIONAL: BANCRON 700 NIC ELK GRO | T ARCHITECTS + EN HOLAS BLVD., SUITE)VE VILLAGE, IL 60(| NGINEERS 300 007 | | | | | | | |
| | | | | PROJECT | NFORMATION | | | | | |
| | BUILDING INFORMATION | | | | | | | | | |
| | BUILDING CONSTRUCTION C | LASS | TYPE II | I (200) | | NFPA 220, TABI | E 4.1.1 | | | |
| | BUILDING OCCUPANCY CLAS | S | BUSINE | ESS | | NFPA 101 TABL | E 7.3.1.2 | | | |
| | | | | | | | | | | |
| | TOTAL PROJECT SIZE | FLOORS): | 11.186 | SF | | | | | | |
| | | | | | | | | | | |
| | PROJECT INFORMATION - FIR | ST FLOOR | | | | | | | | |
| | PROJECT AREA - OCCUPANCY CLASS: BUSINESS (NEW BUSINESS OCCUPANCY) | | | | | | | | | |
| | PROJECT AREA - OCCUPANT LOAD: 8,534 SF, 116 OCCUPANTS | | | | | | | | | |
| | PRIMARY CARE - SUITE SIZE & OCC. LOAD: 7,650 GSF, 110 OCCUPANTS NEPA 101 TABLE 7.3.1.2 ALL EXCEPT BELOW: 150 GSE/PERSON (BUSINESS OCCUPANCY): 6.034 SE = 41 OCCUPANTS | | | | | | | | | |
| | | VAITING ARFA | 876 | GSF @ 50 GSF/P | FRSON (CONCENTRATED B | 43F - 410000FANTS |)CC_USE 28 OC(| | | |
| | | TEAM ROOMS: | 740 | GSF + 466 GSF @ |) 30 GSF/PERSON (COLLABO | DRATION > 450SF) = 41 OCC | CUPANTS | | | |
| | ADJACENT EAST CORRIDC | R, HAC, STOR: | 884 G | SF @ 150 GSF/PE | RSON (BUSINESS OCCUPAN | NCY) = 6 OCCUPANTS | | | | |
| | | | | | | | | | | |
| | PROJECT INFORMATION - BAS | SEMENT | | | | | | | | |
| | PROJECT AREA - OCCUPANC | Y CLASS: | | ITAL TO BUSINES | SS (1-HOUR SEPARATION AT | VA REQUEST TO MEET IBC | C (2018), TABLE 5 | | | |
| | MECH & STOR AREAS - OC | | 2,652 SF | ·, 18 OCCUPANTS | SON = 18 OCCUPANTS | | F7319 | | | |
| | | | 2,002 01 | | | | L 7.J.1.Z | | | |
| | | DN | | | | | | | | |
| | FIRE SUPPRESSION: | | RENOV | ATED AND NEW | AREAS UNDER THIS PROJE | CT SCOPE IN ACCORDANCI | E WITH NFPA 13. | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | BUILDING SPRINKLERS: | NONE EXIST | TING. REN | BUILDI | NG DATA IN SCOPE OF WORK TO BE S | PRINKLERED. | | | | |
| | | BUSINESS U | JSE WITH JSE | I LOW HAZARD CO | ONTENTS | | | | | |
| | PROJECT USE/OCCUPANCY: | | | | IBC (2018) | MENT REQUIRED | PROVIDED | | | |
| | APPLICABLE CODE | NFPA 101 (2018) SECTION |), NEPA 220 (2 R | 2018), NFPA 5000 (2018) EQUIREMENT | SECTION REQUIRE | EXISTING: | TYPE III (200) | | | |
| | BUILDING USE/OCCUPANCY: PROJECT USE/OCCUPANCY: APPLICABLE CODE BUILDING CONSTRUCTION TYPE | NFPA 101 (2018) SECTION 2E NFPA 220, Tag 4.1.1 | able T | 2018), NFPA 5000 (2018) EQUIREMENT YPE III (200) | SECTION REQUIRE | TYPE III(200) | | | | |
| | BUILDING USE/OCCUPANCY: PROJECT USE/OCCUPANCY: APPLICABLE CODE BUILDING CONSTRUCTION TY FOR NON-SPRINKLERED (NS) I ALLOWABLE HEIGHT (NS) | NFPA 101 (2018) SECTION PE NFPA 220, Ta 4.1.1 | ;, №PA 220 (2 able T 5: | 2018), NFPA 5000 (2018) EQUIREMENT YPE III (200) 5' | SECTION REQUIRE | TYPE III(200) 55'-0" | EXISTING, NC | | | |
| | BUILDING USE/OCCUPANCY: PROJECT USE/OCCUPANCY: APPLICABLE CODE BUILDING CONSTRUCTION TY FOR NON-SPRINKLERED (NS) I ALLOWABLE HEIGHT (NS) ALLOWABLE # OF STORIES (N ALLOWABLE BUILDING AREA F | NFPA 101 (2018) SECTION PE NFPA 220, Till 3LDG 3 Simple Simp | (2018), NEPA 220 (2) | 2018), NFPA 5000 (2018) EQUIREMENT YPE III (200) 5' STORIES | SECTION REQUIRE | TYPE III(200) 55'-0" 4 STORIES 19,000 SF, | EXISTING, NO CHANGE | | | |
| | BUILDING USE/OCCUPANCY: PROJECT USE/OCCUPANCY: APPLICABLE CODE BUILDING CONSTRUCTION TY FOR NON-SPRINKLERED (NS) I ALLOWABLE HEIGHT (NS) ALLOWABLE # OF STORIES (N ALLOWABLE BUILDING AREA I STORY | NFPA 101 (2018) SECTION PE NFPA 220, Ta 4.1.1 3LDG PER NFPA 5000 (TABLE 7. | (2018), (4.1 | 2018), NFPA 5000 (2018) EQUIREMENT YPE III (200) 5' STORIES 9.000 SF | <u>SECTION</u> REQUIRE | TYPE III(200) 55'-0" 4 STORIES 19,000 SF, EXISTING NONCONFORMING | EXISTING, NO CHANGE | | | |
| | BUILDING USE/OCCUPANCY: PROJECT USE/OCCUPANCY: APPLICABLE CODE BUILDING CONSTRUCTION TY FOR NON-SPRINKLERED (NS) ALLOWABLE HEIGHT (NS) ALLOWABLE # OF STORIES (N ALLOWABLE BUILDING AREA I STORY | NFPA 101 (2018) SECTION PE NFPA 220, T. 4.1.1 3LDG S) PER PER NFPA 5000 (TABLE 7. | (2018), (4.1 19 | 2018), NFPA 5000 (2018) EQUIREMENT YPE III (200) 5' STORIES 9,000 SF | <u>SECTION</u> REQUIRE | TYPE III(200) 55'-0" 4 STORIES 19,000 SF, EXISTING NONCONFORMING BUILDING IS 29,286 GSF AT | EXISTING, NO CHANGE INCREASE TO 31,879 GSF AT 1ST FLOOR | | | |
| | BUILDING USE/OCCUPANCY: PROJECT USE/OCCUPANCY: APPLICABLE CODE BUILDING CONSTRUCTION TY FOR NON-SPRINKLERED (NS) ALLOWABLE HEIGHT (NS) ALLOWABLE # OF STORIES (N ALLOWABLE BUILDING AREA I STORY | BOSINESS L NFPA 101 (2018) SECTION PE A.1.1 3LDG PER NFPA 5000 (TABLE 7. | (2018), (2018), (4.1 19 TABLE 7. | 2018), NFPA 5000 (2018) EQUIREMENT YPE III (200) 5' STORIES 9,000 SF .3.1.2 | <u>SECTION</u> NFPA GOVERNS | TYPE III(200) 55'-0" 4 STORIES 19,000 SF, EXISTING NONCONFORMING BUILDING IS 29,286 GSF AT 1ST FL. | EXISTING, NC CHANGE INCREASE TO 31,879 GSF AT 1ST FLOOR | | | |
| | BUILDING USE/OCCUPANCY: APPLICABLE CODE BUILDING CONSTRUCTION TY FOR NON-SPRINKLERED (NS) ALLOWABLE HEIGHT (NS) ALLOWABLE # OF STORIES (N ALLOWABLE BUILDING AREA I STORY | BUSINESS L NFPA 101 (2018) SECTION PE A.1.1 3LDG PER NFPA 5000 (TABLE 7. BUSINESS U | (2018), (2018), .4.1 19 TABLE 7. JSE 19 | 2018), NFPA 5000 (2018) EQUIREMENT YPE III (200) 5' STORIES 9,000 SF .3.1.2 50 GSF | SECTION REQUIRE | TYPE III(200) 55'-0" 4 STORIES 19,000 SF, EXISTING NONCONFORMING BUILDING IS 29,286 GSF AT 1ST FL. | EXISTING, NO CHANGE INCREASE TO 31,879 GSF AT 1ST FLOOR | | | |
| | PROJECT USE/OCCUPANCY: APPLICABLE CODE BUILDING CONSTRUCTION TY FOR NON-SPRINKLERED (NS) ALLOWABLE HEIGHT (NS) ALLOWABLE # OF STORIES (N ALLOWABLE BUILDING AREA I STORY PROJECT OCCUPANT I OAD | BUSINESS L NFPA 101 (2018) SECTION PE NFPA 220, T 4.1.1 3LDG S) PER NFPA 5000 (TABLE 7. BUSINESS U CONCENTRA BUSINESS U | (2018), (2018), (4.1 19 (2018), (4.1 19) (19) (2018), (4.1 19) (19) (4.1 19) (19) (19) (19) (19) (19) (19) (19) (| 2018), NFPA 5000 (2018) EQUIREMENT YPE III (200) 5' STORIES 9,000 SF .3.1.2 50 GSF 0 GSF | NFPA GOVERNS | TYPE III(200) 55'-0" 4 STORIES 19,000 SF, EXISTING NONCONFORMING BUILDING IS 29,286 GSF AT 1ST FL. | EXISTING, NO CHANGE INCREASE TO 31,879 GSF AT 1ST FLOOR SEE PROJECTINFORMATION | | | |
| | PROJECT USE/OCCUPANCY: APPLICABLE CODE BUILDING CONSTRUCTION TY FOR NON-SPRINKLERED (NS) ALLOWABLE HEIGHT (NS) ALLOWABLE # OF STORIES (N ALLOWABLE BUILDING AREA I STORY PROJECT OCCUPANT LOAD FACTORS | BUSINESS U NFPA 101 (2018 SECTION PE NFPA 220, T 4.1.1 3LDG S) PER NFPA 5000 (TABLE 7. BUSINESS U CONCENTRA BUSINESS U COLLABORA | NEPA 220 (2 R R R State T State T State T SE ATED SE SE SE SE SE | 2018), NFPA 5000 (2018) EQUIREMENT YPE III (200) 5' STORIES 9,000 SF .3.1.2 50 GSF 0 GSF | SECTION REQUIRE | TYPE III(200) 55'-0" 4 STORIES 19,000 SF, EXISTING NONCONFORMING BUILDING IS 29,286 GSF AT 1ST FL. NFPA GOVERNS | EXISTING, NO CHANGE INCREASE TO 31,879 GSF AT 1ST FLOOR SEE PROJECT INFORMATION FOR OCCUPAN CALCULATION | | | |
| | PROJECT USE/OCCUPANCY: APPLICABLE CODE BUILDING CONSTRUCTION TY FOR NON-SPRINKLERED (NS) ALLOWABLE HEIGHT (NS) ALLOWABLE # OF STORIES (N ALLOWABLE BUILDING AREA STORY PROJECT OCCUPANT LOAD FACTORS | BUSINESS U NFPA 101 (2018 SECTION PE NFPA 220, T 4.1.1 3LDG S) PER NFPA 5000 (TABLE 7. BUSINESS U CONCENTRA BUSINESS U COLLABORA ROOMS < 45 | NEPA 220 (2) R R R R R State T State T State T State State < | 2018), NFPA 5000 (2018) EQUIREMENT YPE III (200) 5' STORIES 9,000 SF .3.1.2 50 GSF 0 GSF 0 GSF | NFPA GOVERNS | TYPE III(200) 55'-0" 4 STORIES 19,000 SF, EXISTING NONCONFORMING BUILDING IS 29,286 GSF AT 1ST FL. | EXISTING, NC CHANGE INCREASE TO 31,879 GSF AT 1ST FLOOR SEE PROJEC INFORMATION FOR OCCUPAN CALCULATION | | | |
| | PROJECT USE/OCCUPANCY: APPLICABLE CODE BUILDING CONSTRUCTION TY FOR NON-SPRINKLERED (NS) ALLOWABLE HEIGHT (NS) ALLOWABLE # OF STORIES (N ALLOWABLE BUILDING AREA I STORY PROJECT OCCUPANT LOAD FACTORS | NFPA 101 (2018) SECTION PE NFPA 220, T. 4.1.1 3LDG S) PER NFPA 5000 (TABLE 7. BUSINESS U BUSINESS U CONCENTRA BUSINESS U COLLABORA ROOMS < 45 | NEPA 220 (2 R R R R ATED JSE ATED SOSF ATION SOSF ATION OSF | 2018), NFPA 5000 (2018) EQUIREMENT YPE III (200) 5' STORIES 9,000 SF 3.1.2 50 GSF 0 GSF 0 GSF 5 GSF | SECTION REQUIRE NFPA GOVERNS | TYPE III(200) 55'-0" 4 STORIES 19,000 SF, EXISTING NONCONFORMING BUILDING IS 29,286 GSF AT 1ST FL. | EXISTING, NC CHANGE INCREASE TO 31,879 GSF AT 1ST FLOOR SEE PROJEC INFORMATION FOR OCCUPAN CALCULATION | | | |

| APPROVED: PROJECT COR | DATE: | APPROVED: SERVICE LINE DIRECTOR DA | TE: | APPROVED: INFECTION CONTROL NURSE DATE: | DRAWING TITLE CODE AND BUILDING PRDJ GENERAL - CODE AND BUILDING CC INFORMATION BU | PREJECT TITLE CONSTRUCT PACT CLINIC BUILDING 4 FIRST FLOOR | | | DATE: 10/28/22 PLDT SCALE |] | |
|-----------------------|-------|------------------------------------|-----|--|--|--|------------------|----------------------|---------------------------------|------------------------|----|
| | | APPROVED: GEMS PROJECT MANAGER DA | TE: | APPROVED: PATIENT SAFETY DATE: | | APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: | DOILDING | | LUUIN | PRDJECT ND. 656-400 | VA |
| | | | TE: | | _ | APPROVED: CHIEF DF STAFF DATE: | BUILDING No 4 | CHECKED BY DA | drawn JMR | DRAWING ND. | |
| | | | | | _ | APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: | LUCATION ST. C | CLOUD VA CLOUD, M | AHCS N 56303 | DVG. DF | |



| | | EC | GRESS REQL | JIREMENTS | | | |
|--|-----------------------------------|---|-------------------------|---|--|--|---|
| APPLICABLE CODE | NFPA 101 (2018) SECTION | REQUIREMENT | IBC (2018) SECTION | REQUIREMENT | PRO 1ST FLOOR PROJECT AREA | VIDED BASEMENT AREA | APPLICABLE CODE |
| OCCUPANT LOAD | TABLE 7.3.1.2 | 30 GSF/OCCUPANT (COLLABORATION RMS.) TO 150 GSF/OCCUPANT (BUSINESS) | | NFPA GOVERNS | 116 OCCUPANTS; SEE PROJECT INFO | 6 OCCUPANTS; SEE PROJECT INFO | HAZARDOUS AREAS |
| MAXIMUM SIZE OF SPACE/ SUITE WITH (1) EXIT | 38.2.4.3; 38.2.4.4 | DOES NOT APPLY; MULTIPLE EXITS PROVIDED. | TABLE 1006.2.1 | 49 PERSONS, PROVIDED THE COMMON PATH OF EGRESS <100' FOR <30 OCC. OR 75' FOR >30 OCC. | FOUR (4) EXITS FROM PACT AREA | TWO (2) EXITS FROM MECHANICAL ROOM | SHAFT ENCLOSURE |
| NUMBER OF EXITS REQUIRED PER FLOOR/STORY | 38.2.4.1(3) | NOT LESS THAN TWO (2) EXITS PER STORY, NOT LESS THAN TWO (2) EXITS ACCESSIBLE FROM EVERY PART OF EVERY STORY | | NFPA GOVERNS | FOUR (4) EXITS FROM FIRST FLOOR | TWO (2) EXITS TOTAL | |
| SEPARATION OF EXITS | 7.5.1.3.1, 7.5.1.3.2 | REMOTELY LOCATED, NOT LESS THAN 1/2 THE MAX DIAGONAL DIMENSION OF THE AREA | | NFPA GOVERNS | MIN SEPARATION: 65'-8" REQ'D. 98'-2" BETWEEN MOST REMOTE EXITS | 42'-5" FT. MIN. REQ'D / 56 FT. PROVIDED | |
| EXIT ACCESS TRAVEL DISTANCE | 38.2.6.2, 38.2.6.3 | 200 FT. (NON-SPRINKLERED); 300 FT. (SPRINKLERED) | | NFPA GOVERNS | 181'-6" TO EXIT 'E' | 141'-6" FROM POINT OF EXIT DIVERGENCE TO RATED STAIR ENCLOSURE. PATH OF EGRESS ON FIRST FLOOR TRAVELS THROUGH EXISTING NON-CONFORMING (UNRATED) CONSTRUCTION; ALTERATIONS OUT OF SCOPE PER VA. TOTAL TRAVEL DISTANCE IS 215'-6" | BUILDIN USE/OCCUPANCY (I USE/OCCUPANCY (I APPLICABLE CODE BEARING WALLS: NE |
| | | | | | | ALL LOCATIONS IN | EXTERIOR BEARI |
| COMMON PATH OF EGRESS TRAVEL DISTANCE | 38.2.5.3.3/ 38.2.5.3.1 | 75 FT. (NON-SPRINKLERED); 100 FT. (SPRINKLERED) | | NFPA GOVERNS | 31 FT. (MAX.) | BASEMENT PROJECT AREA HAVE TWO EXITS AVAILABLE | PRIMARY STRUCTU |
| DEAD END CORRIDORS OR HALLWAY | 38.2.5.2.1 | 20 FT. (NON-SPRINKLERED); 50 FT. (SPRINKLERED) | | NFPA GOVERNS | 15'-6" (MAX.) | NONE | NONBEARING WALL |
| MINIMUM WIDTH OF CIRCULATION | 7.3.3.1, 7.3.4, 38.2.3.2 | 44 INCH MINIMUM > 50 OCC; 36 INCH MIN < 50 OCC | | NFPA GOVERNS | 6 FT. | NO CHANGE TO EXISTING CORRIDORS WITH 6 FT. MIN WIDTH | INTERIOR |
| HORIZONTAL EXITS | TABLE 8.3.3.2.2 | 2 HOUR WALLS AND PARTITIONS; 1- 1/2 HOUR DOOR ASSEMBLIES | | NFPA GOVERNS | 2 HOUR WALLS AND PARTITIONS; 1-1/2 HOUR DOOR ASSEMBLIES | NO CHANGE TO EXISTING NONCONFORMING. NOT IN CONTRACT PER VA. | FLOOR CONSTRUC ROOF CONSTRUCT |
| DOORS TO EXIT ACCESS CORRIDORS | 38.3.6.2, 38.2.2.2, 8.3, 7.2.1 | 3/4 HOUR | | NFPA GOVERNS | 3/4 HOUR | NO CHANGE TO EXISTING | EXTERIOR WALLS B |
| DOORS TO EXIT ACCESS CORRIDORS DOOR CLEAR OPENING WIDTH (MIN. REQ'D) | 38.2.2.5, 7.2.1.2.3.2 | 2 32 INCHES | | NFPA GOVERNS | 32 INCH MIN. | 32 INCH MIN. | < 5 FEET 5 ≤ x < 10 FEET |
| DOOR ARRANGEMENT (DOORS IN SERIES) | NO REQUIREMENT | NO REQUIREMENT | 1010.1.8 | HORIZ DISTANCE BTWN DOORS: 48 INCHES PLUS WIDTH OF DOOR | NONE PROVIDED | NONE PROVIDED | 10 ≤ x < 30 FEET x ≥ 30 FEET |
| INTERIOR CIRCULATION WIDTH (MIN.) | NO REQUIREMENT | ABAAS RECOMMENDS 6' (VA PG-18- 13) | | ABAAS GOVERNS | 6' MIN PATIENT CIRC, 5' MIN STAFF CIRC | NO PATIENT AREAS IN BASEMENT; 8'-0" PROVIDED | FIRE BARRIER ASSE |
| INTERIOR DOOR WIDTH | NO REQUIREMENT | VA PACT DESIGN GUIDE RECOMMENDS 42" FOR PATIENT DOORS | 1010.1.1, 1010.1.2.1 | 32 INCHES CLEAR, SWING IN DIRECTION OF TRAVEL FOR >50 OCCUPANTS | 36 INCH DOORS (32" CLEAR) AND 42 INCH DOORS | 36 INCH DOORS (32" CLEAR) AND 42 INCH DOORS | BARRIERS/FIRE WA BTWN OCCUPANCII |
| SMOKE BARRIER DOORS | 38.3.2.1; 8.7.1.1 | W/ SMOKE PARTITIONS AT SPRINKLER PROTECTED HAZARDOUS AREAS (GREATER THAN NORMAL HAZARD EXCEPTING ROUTINE OFFICE SUPPLIES) | | NFPA GOVERNS | SMOKE BARRIER DOORS WITH SMOKE PARTITIONS | N/A | EXITS AND ELEVAT CONNECTING < 4 S |
| SMOKE COMPARTMENT SIZE | NO REQUIREI | MENT FOR BUSINESS OCCUPANCY | NO REQUIRE | EMENT FOR BUSINESS OCCUPANCY | N/A | N/A | |
| DOORS IN 1-HR RATED WALL | TABLE 8.3.3.2.2 | 3/4 HOUR | | NFPA GOVERNS | 3/4 HOUR | 3/4 HOUR | |
| DOORS IN 1-1/2 AND 2 HR. RATED WALL | TABLE 8.3.3.2.2 | PROVIDE 1-1/2 HR. DOOR AT 2 HOUR WALL | | NFPA GOVERNS | NO CHANGE TO EXISTING | NO CHANGE TO EXISTING | EXITS AND ALL SHA |

NOTES - CODE AND EGRESS REQUIREMENTS

| NOTE | THOUGH IBC REQUIREMENTS ARE PROVIDED, THEY A 1, "DESIGNS SHALL COMPLY WITH THE REQUIREMEN FEATURES NOT ADDRESSED BY NFPA 101 OR DOCUI THE IBC OR AS OTHERWISE ADDRESSED ABOVE IN T NFPA 101 OR A DOCUMENT REFERENCED BY NFPA 10 EXCLUSIVELY (THIS APPLIES EVEN IF THE IBC REQUI |
|--------------------------------|--|
| EMERGENCY EGRESS ILLUMINATION: | AVERAGE OF 1.0 FOOT CANDLES AT EGRESS PATHS |
| POWER SUPPLY: | MEANS OF EGRESS ILLUMINATION NORMAL POWER I |
| | A. EGRESS ILLUMINATION: EITHER BATTERIES, SEC |
| | B. EXIT SIGNS: ILLUMINATED AT ALL TIMES, EMERGE |

ARE GENERALLY FOR REFERENCE AND INFORMATION ONLY. PER VHA PROGRAM GUIDE PG-18-3 TOPIC NTS OF THE LATEST EDITION OF NFPA 101 AND DOCUMENTS REFERENCED THEREIN. DESIGN IMENTS REFERENCE THEREIN SHALL COMPLY WITH THE REQUIREMENTS OF THE LATEST EDITION OF THIS PROGRAM GUIDE. FOR DESIGN FEATURES THAT ARE ADDRESSED BY BOTH THE IBC AS WELL AS 101, THE REQUIREMENTS OF NFPA 101 OR THE DOCUMENT REFERENCED BY NFPA 101 SHALL BE USED UIREMENTS ARE DIFFERENT)."

S WITH A MINIMUM OF 0.1 CANDLES AT ANY POINT

IS TO BE PROVIED BY PREMISE'S ELECTRICAL SYSTEM.

COND PRIMARY SOURSE OF GENERATOR WITH A MIN. OF A 1 1/2 HOUR DURATION.

ENCY POWER REQUIRED WITH A 1 1/2 HOUR DURATION

LEVEL AND OCCUPANCY PER IBC TABLE 2902.1 FIRST FLOOR PROJECT AREA -BASEMENT PROJECT AREA -OSHA 1910.141(c)(1)(i) NOTE NOTE

NOTE

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. Print Name: DENNIS J MIKA, Signature: Date 10-28-22_ License # 56382

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS

700 Nicholas Blvd. Suite 300 Elk Grove Village, IL 60007 T: 847.952.9362 www.bancroft-ae.com BAE PROJECT NO. 18-116

APPROVED: PROJECT COR

AND ALL SHA ES SHAFTS CONNECTI

| AREA SEPARATION PROTECTION | | | | | | | | | | |
|----------------------------|---------------|---|---------|--------------|--------------------------|--|--|--|--|--|
| | NFPA 10 | 01 (2018) | | IBC (2018) | | | | | | |
| ABLE CODE | SECTION | REQUIREMENT | SECTION | REQUIREMENT | | | | | | |
| DOUS AREAS | 38.3.2.1; 8.7 | SPRINKLERS WITH SMOKE PART'NS & DOORS | | NFPA GOVERNS | SPRINK SMOKE DOORS | | | | | |
| ENCLOSURES | 8.6.5 | VARIES | | NFPA GOVERNS | | | | | | |
| | | | | | | | | | | |

| | | FIRE RESIST | FIVE RATINGS | | | | | | |
|---|--|---|---|----------------------|------------------|--|--|--|--|
| BUILDING SPRINKLER SYSTEM: | NOT SPRINKLERED (R WILL BE SPRINKLED) | ENOVATED AREAS | CONSTRUCTION TYPE: TYPE III (200) WOOD FRAMED ROOF IS CO OF THE FLOOR BELOW. 4.3.2.8 DOES NOT APPLY, THEREFORE | | | | | | |
| CCUPANCY (FIRE AREA) - BUILDING: CCUPANCY (FIRE AREA) - PROJECT: | BUSINESS OCCUPANC | CY (NFPA 101 6.1.11) PANCY (NFPA 101 6.1.1 | IBC CONSTRUCTION T | YPE: TYPE IIIB | | | | | |
| ABLE CODE | NFPA 220 | (2018) UNO | IBC (2018) | | | | | | |
| | SECTION | REQUIREMENT | SECTION | REQUIREMENT | EX | | | | |
| G WALLS: NFPA GOVERNS | | | | | | | | | |
| RIOR BEARING WALL | TABLE 4.1.1 | 2 HOUR | | 2 HOUR | 2 H | | | | |
| RIOR BEARING WALL | TABLE 4.1.1 | 0 HOUR | | 0 HOUR | 2 H | | | | |
| RY STRUCTURAL FRAME | TABLE 4.1.1 | 0 HOUR | TABLE 601 | 0 HOUR | 1 H | | | | |
| ARING WALLS AND PARTITIONS | | | | | | | | | |
| RIOR | TABLE 4.1.1 | 0 HOUR | | 0 HOUR | 0 H | | | | |
| RIOR | TABLE 4.1.1 | 0 HOUR | TABLE 601 | 0 HOUR | он | | | | |
| CONSTRUCTION | TABLE 4.1.1, 8.6.1 | 0 HOUR | | 0 HOUR | 0 H | | | | |
| CONSTRUCTION | TABLE 4.1.1 | 0 HOUR | | 0 HOUR | 0 H | | | | |
| OR WALLS BASED ON FIRE SEPARA | TION DISTANCE: IBC G | OVERNS PER VA FIRE | PROTECTION DESIGN M | ANUAL, SECTION 2.2.A | | | | | |
| EET | | | | 1 HOUR | | | | | |
| < 10 FEET | | | | 1 HOUR | | | | | |
| < 30 FEET | | VERNS | TABLE 002 | 0 HOUR | | | | | |
| FEET | | | | 0 HOUR | | | | | |
| RRIER ASSEMBLIES | | | | | | | | | |
| ERS/FIRE WALLS/HORIZ ASS'YS OCCUPANCIES | TABLE 6.1.14.4.1SINGLE OCCUPANCY TYPE | | NFP | A GOVERNS | SIN OC TYI | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| | | | | TYF |
|---------------------|--------------------------------|--------------|--------------|--|
| OR SHAFTS TORIES | 7.1.3.2.1; 8.6.4; 8.6.5 (1) | 1 HOUR MIN. | NFPA GOVERNS | 1 H DO ST ST 2 H HO DO S B EXI HO |
| AFTS CONNECTING ≥ 4 | 7.1.3.2.1; 8.6.4; 8.6.5 (1) | 2 HOURS MIN. | NFPA GOVERNS | NOI |
| NG < 4 STORIES | 7.1.3.2.1; 8.6.4; 8.6.5 (1) | 1 HOUR MIN. | NFPA GOVERNS | NO |

| | FIXTURE REQUIREMENTS | | | | | | | | |
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| | | | WATER | CLOSET | LAVA | TORY | DRINKING FOUNTAIN | | |
| | OCCUPA | NT LOAD | 1 PER 25 FOI | R FIRST 50; 1 | 1 PER 40 FOF | R FIRST 80; 1 | | 2 100 | |
| | | | PER 50 F | OR ADD'L | PER 80 F | OR ADD'L | I PER 100 | | |
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| | 2.652 GSF | 18 PERSONS | | NOTE 3 | 1 REO | NOTE 3 | 1 REO | NOTE 2 | |
| | 2,002 001 | | | | | | | | |
| | 24 Workstation | ns + 4 Check-In | 2 REQ F | OR 16-35 | | | | | |
| | Clerks = 28 M | ax Employees | EMPLO | OYEES | | | NO REQU | | |
| E 1: | NUMBER OF FIX | XTURES PROVI | DED DOES NO | T INCLUDE FIX | TURES DESIG | NATED FOR E | XAM PURPOSE | ES AND AC | |
| | EXAM ROOMS, | INCLUDING TOI | LET ROOMS A | ND LAVS. | | | | | |
| E 2: | WATER FOUNT | AINS ARE UNDE | RSTOOD TO E | BE LOCATED I | NADEQUATE O | QTY WITHIN 30 | 0' OF PROJEC | T AREA. | |
| E 3: | TOILET ROOMS | S WITH LAVATO | RIES ARE UND | ERSTOOD TO | BE LOCATED | IN ADEQUATE | QTY WITHIN 3 | 00' OF THE | |

10/28/2022 - ISSUE FOR 100 % CONST

| DATE: | APPROVED: SERVICE LINE DIRECTOR DATE: | APPROVED: INFECTION CONTROL NURSE DATE: | DRAWING TITLE GENERAL - CODE AND BUILDING INFORMATION | PRUJECT TITLE CONSTRUCT PACT CLIN BUILDING 4 FIRST FLOO | VIC 10/28/22 DR PLDT SCALE | |
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| | APPRUVED: GEMS PRUJECT MANAGER DATE: | APPRIVED: PATIENT SAFETY DATE: | APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: | | PREJECT NE. 656-400 | VA |
| | | | APPROVED: CHIEF OF STAFF DATE: | BUILDING NO 4 CHECKED BY DA | IMR DRAWING NEL | |
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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. OBTAIN ALL REQUIRED VA/COR AUTHORIZATIONS BEFORE BEGINNING ANY DEMOLITION WORK OR NEW CONSTRUCTION, INCLUDING TEMPORARY BARRICADES AND PROTECTION WORK. ALL JOB SUPERINTENDENTS PERFORMING WORK ON THE VAHCS CAMPUS MUST COMPLETE CONTRACTOR SAFETY TRAINING AND GENERAL ENVIRONMENTAL AND SAFETY AWARENESS TRAINING FOR CONTRACTORS.

10. 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.

11. 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.

12. 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 ON SHEET GIOO2 AND COORDINATE ALL SITE-SPECIFIC CONDITIONS IMPACTS ENCOUNTERED WITH THE VA/COR. REFERENCE ALSO SHEETS GI400 THROUGH GI401 FOR INFECTION CONTROL (ICRA) DESIGN INTENT.

13. 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 OSHA-10 TRAINING.

14. 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.

15. 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.

16. 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.

17. 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.

18. ALL CUTTING, CORING AND DRILLING OF EXISTING CONCRETE AND MASONRY CONSTRUCTION SHALL NOT DAMAGE EXISTING REINFORCING STEEL. PIPING, CONDUITS OR OTHER CONCEALED CONSTRUCTION WITHIN. PRIOR TO CORING, DRILLING, CUTTING OR PERFORMING ANY BREAKING EFFORTS, PROVIDE PENETRATING FIELD X-RAYING OF THE INTENDED AREAS AND DOCUMENT THE EXACT SIZE AND LOCATIONS OF ALL SUCH INTERFERENCES. COORDINATE WITH AND OBTAIN VA/COR APPROVAL BEFORE PROCEED WITH ANY SUCH REQUIRED PENETRATIONS WORK.

19. 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.

20. 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 OCCUPIED AREAS MUST BE IN A COVERED RECEPTACLE.

21. 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 MANUFACTURE'S DESIGN RECOMMENDATIONS FOR THE PROPER FIRE STOPPING MATERIAL TO BE USED IN EACH SPECIFIC APPLICATION.

22. 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 MANUFACTURERS LINE OF PRODUCTS FOR ALL PROJECT FIRESTOPPING. THE BOD FOR ALL FIRE STOPPING WILL BE ALL PRODUCTS AS MANUFACTURED BY THE 3M COMPANY. ONLY RED FIRE-RATED SEALANT ALLOWED. NO OTHER COLOR OF FIRE-RATED SEALANT PERMITTED. ALL NON-FIRE-RATED SEALANT SHALL BE A COLOR OTHER THAN RED.

23. 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.

| | ISSUE FOR 100% CONSTRUCTION DOCUMENTS | 10/28/22 |
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- 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.
- 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 ADJUSTMENTS, DETAILING DEPARTURES, FRAMING ALTERATIONS, 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.

B.O.D. COMPLIANCE PROTOCOLS

- 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 IMPACTS. 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.
- 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 REQUIREMENTS 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 CONTRACTOR 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.
- 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.

| hereby certify that this plan specification or | ARCHITECT/ENGINEER | APPROVED; PROJECT COR | |
|---|---------------------------------|---|--|
| report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. Print Name: DENNIS J MIKA Signature: | BANCROFT ARCHITECTS + ENGINEERS | 700 Nicholas Blvd. Suite 300 Elk Grove Village, IL 60007 T: 847.952.9362 www.bancroft-ge.com | |
| Date <u>10-28-22</u> License # <u>56382</u> | | BAE PROJECT NO. 18-116 | |

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

- 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.
- 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.
- 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.

GENERAL/PRIME CONTRACTOR RESPONSIBLE FOR (STEP 06) 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 SUBSTITUTION, 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 THEIR 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.

- AS PART OF THE VA'S REVIEW PROCESS THE A/E 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.
- 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 A/E'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):

- 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 CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL WORK ASSOCIATED WITH AND IMPACTED BY ANY EQUIVALENT SUBSTITUTION ALONG WITH THE COMPLETE COORDINATION AND MANAGEMENT OF THE WORK WITHOUT ADDITIONAL COST TO THE GOVERNMENT.

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.

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.

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| | APPROVED: PROJECTS SECTION MANAGER | DATE: | | NTE: | APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: APPROVED: CHIEF OF STAFF DATE: | _ | BUILDING No | CHECKED BY | DRAWN | PREJECT NEL 656-400 | VA |
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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 CONSTRUCTION WORK (DEMOLITION OR NEW) IN OCCUPIED SPACES, THE FOLLOWING PROTECTION PROTOCOLS WILL BE FOLLOWED ON A DAILY BASIS UNLESS MODIFIED IN WRITING BY THE VA/COR ON A CASE BY CASE BASIS:

- 1. CAREFULLY MOVE/STORE/RE-INSTALL ANY SIGNAGE, WALL HUNG ITEMS, BLINDS, CURTAINS, ETC. THAT ARE WITHIN 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(S) THRU THE OCCUPIED AREA(S) TO AND FROM THE ACTUAL WORK AREA/ZONE. NOTE: THE VA/COR 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, ELECTRICAL DEVICES, WALL/CEILING MOUNTED EQUIPMENT & CONTROLS, CEILING CONSTRUCTION, TILE, GRID, WALL ANGLES, LIGHT FIXTURES, DIFFUSERS, GRILLES, LIFE SAFETY DEVICES, FIRE SPRINKLER HEADS, ETC.
- 3. FLOOR FINISHES SHALL BE PROTECTED THROUGHOUT THE AREA WITH A 6 MIL HEAVY DUTY STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING (VISQUEEN) AND/OR 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 INSIDE THE WORK ZONE/AREAS SHALL HAVE ADDITIONAL PROTECTION PROVIDED OVER THE 6 MIL HEAVY DUTY STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING (VISQUEEN), IN THE FORM OF FULL SHEETS OF 3/16" TEMPERED HARDBOARD (MASONITE) 4'X8' PANELS. ALL MASONITE 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 HEAVY DUTY 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 STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING (VISQUEEN) WITH THE USE OF THE APPROPRIATE TELESCOPICALLY ADJUSTABLE ALUMINUM OR METAL VERTICAL SPRING LOADED SUPPORT STUDS/POLES. 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, ALL TEMPORARY CONTAINMENT ENCLOSURES AND PROTECTION REMOVED WITH ALL ITEMS IDENTIFIED IN NOTE #1 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 THE CONTRACTOR ACCEPTED THE AREA/SPACE PRIOR TO PERFORMING THE 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 STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING (VISQUEEN), IN ORDER TO AVOID DUST PARTICLES FROM THE CONSTRUCTION AREA MIGRATING INTO THE OCCUPIED USER'S AREA/SPACE/ROOM(S).
- 9. UNLESS DIRECTLY SPECIFIED AND CONFIRMED BY THE VA/COR OTHERWISE, 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. THE BASIS OF DESIGN FOR ALL 6 MIL HEAVY DUTY STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING WILL BE IN FULL COMPLIANCE WITH NFPA 701–04. ASTM E84 AND CPAI 84 SECTION 6. IT SHALL BE MANUFACTURED WITH 3 PLY CONSTRUCTION CONSISTING OF FIRE RETARDANT VIRGIN POLYETHYLENE IN THE (2) OUTER LAYERS OF PLASTIC WITH A DIAMOND SCRIM REINFORCING MESH PLACED BETWEEN.
- 11. MOBILE CONTAINMENT SYSTEMS MAY BE UTILIZED WHERE APPLICABLE, IF APPROVED FOR USE BY THE VA/COR. MOBILE UNITS SHALL BE FULLY EQUIPPED WITH A NEGATIVE AIR HEPA FILTRATION SYSTEM THAT IS IN COMPLIANCE WITH THE INFECTION CONTROL REQUIREMENTS OF EACH SPECIFIC AREA OF WORK AND TASK BEING PERFORMED.

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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:

- PROVIDE A COMPLETELY FINISHED PROJECT.
- FINISHING.
- ALL FOREIGN MATTER JUST PRIOR TO FINISHING.
- SURFACE. THAT IS WITHOUT DEFECT.
- LABELS.

- FINISH COLOR AND APPEARANCE.
- PRECEDING COAT.
- REFERENCE GUIDE AND SPECIFICATIONS.
- THE PAINT MANUFACTURER'S RECOMMENDATIONS.

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GENERAL NOTES ALL AND CEILING PAINTING

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

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

P3. ALL SURFACES ARE TO BE CLEANED FREE OF LOOSE DIRT, DUST, OIL, GREASE AND

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

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

P6. 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

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

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

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

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

P14. ANY STEEL BEAMS AND POSTS INSTALLED SHALL BE PRIMED, AT A MINIMUM.

CEILING GENERAL NOTES

- CENTER ALL CEILING GRIDS IN ROOMS TO MAXIMUM EXTENT POSSIBLE, UNLESS OTHERWISE NOTED. SEE CEILING PLANS FOR COMPLETE INFORMATION. COORDINATE WITH SPRINKLER, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS.
- 2. CENTER ALL FIXTURES WITHIN CEILING TILE UNLESS OTHERWISE NOTED. COORDINATE WITH ELECTRICAL DRAWINGS.
- 3. REFER TO ROOM FINISH SCHEDULE FOR CEILING HEIGHTS, SHEET 1600.
- COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING ACCESS POINTS WHICH MAY BE REQUIRED AT AREAS FOR MECHANICAL AND ELECTRICAL SERVICE WORK.
- 5. ALL ELECTRICAL AND SAFETY DEVICES SHALL BE CENTERED IN CEILING GRIDS AND COORDINATE WITH ELECTRICAL DRAWINGS.
- COORDINATE THE LOCATIONS OF MECHANICAL SUPPLY AND RETURN GRILLES 6 WITH MECHANICAL DRAWINGS.
- RELOCATE EXISTING SPRINKLER HEADS AS PER NEW REFLECTED CEILING PLAN GRIDS.
- RELOCATE EXISTING SPRINKLER HEADS WHERE SPRINKLER HEADS CONFLICT 8. WITH LIGHTING, GRIDS OR DEVICES.
- COORDINATE LOCATION WITH DIFFUSERS AND LIGHTING LAYOUT.

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota. DENNIS J MIKA Date 10-28-22_ License # 56382

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| BANCROFT ARCHITECTS + ENGINEERS | www.bancroft-ae.com BAE PROJECT NO. 18-116 |

ARCHITECT/ENGINEER OF RECORD

CONSTRUCTION PERIOD STAGING OF WORK -GENERAL NOTES

NORMAL WORK SHIFT HOURS FOR THE ST. CLOUD VA HEALTH CARE SYSTEM IS

- 8:00 AM UNTIL 4:30 PM DAILY. MONDAY THROUGH FRIDAY. EXCLUDING FEDERAL HOLIDAYS. 1. CERTAIN WORK ITEMS AND CONSTRUCTION ACTIVITIES THAT CREATE NOISE, DUST, VIBRATIONS AND THAT WOULD CREATE DISTURBANCES TO THE VA HEALTH CARE SYSTEM 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 - 4:30 PM UNTIL 8:00 AM
- b. WEEKENDS (AS ALLOWED) TIMES TO BE DETERMINED WITH THE COR
- 4. THE FOLLOWING CONSTRUCTION ACTIVITIES MAY BE CONSIDERED AFTERHOURS/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. STRUCTURAL CONCRETE CONSTRUCTION WORK.
- 5. 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.
- 6. WEEKEND AND HOLIDAY HOURS SHALL BE COORDINATED WITH VA COR PRIOR TO START OF CONSTRUCTION.
- 7. SEE ALSO DRAWING GC101 FOR ADDITIONAL PROJECT SPECIFIC STAGING NOTES.

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.
- 4. CONTRACTOR SHALL OBTAIN VA/COR WRITTEN APPROVAL PRIOR TO PROCEEDING WITH ANY CHANGES FROM THE INFORMATION PROVIDED HEREIN.

SPECIAL NOTES

- 1. NEW SURFACE FLOOR PREPARATION: THE EXISTING CONCRETE FLOOR SUB-SURFACES RESULTING FROM THE REMOVAL OF OLD FLOOR FINISHES (I.E., CERAMIC, TILE, VCT, MASTICS, VINYL SHEETS, ABATEMENTS, CARPETING, ETC.) OR GOING OVER CONCRETE FLOOR REPAIRS OR INFILLS SHALL BE ENTIRELY SKIM COATED TO A SMOOTH AND LEVEL FINISH, TO BE LEVEL WITH ALL ADJACENT FLOOR SURFACES REQUIRING EXISTING FLOOR FINISH REMOVALS AND/OR NEW FLOOR FINISHES, SUCH THAT THE FINAL FINISHED FLOORS ARE SMOOTH AND LEVEL AND HAVE FINISH TRANSITIONS AS SHOWN AND INTENDED. FOR BIDDING PURPOSES, FLOOR SKIM COATING SHALL BE FIGURED AT 1/4" THICKNESS AVERAGE FOR 50% OF THE EXISTING FLOORS WITHIN THE PROJECT AREA OF WORK.
- 2. 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. FOR BIDDING PURPOSES, ASSUME 40 LF OF FIRE-RATED SEALANT AND 100 SF OF DRYWALL REPAIRS/INFILL.
- 3. THE VHASTC MRI SYSTEM IS LOCATED IN THE ADJACENT BUILDING 1. DUE TO ITS PROXIMITY TO THE CONSTRUCTION AREA OF WORK IT CAN BE SIGNIFICANTLY IMPACTED BY VIBRATIONS WHICH MAY OCCUR DURING THE COURSE OF CONSTRUCTION. THE MANUFACTURER HAS PUBLISHED A MAXIMUM ALLOWABLE LIMIT SCHEDULE FOR VIBRATIONS. BIDDERS SHALL COORDINATE WITH THE COR TO DEVELOP A WORK PLAN FOR PERFORMANCE OF NECESSARY AFTER HOURS WORK SUCH THAT SCHEDULING OF WORK IMPACTS TO THE BIDS CAN BE ACCOUNTED.

GENERAL SCOPE OF WORK (SOW) DESCRIPTION

THE SCOPE OF WORK OF THIS PROJECT INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:

- 1. REMODEL OF A PORTION OF THE FIRST FLOOR OF BUILDING 4 AND CONSTRUCTION OF A BUILDING INFILL IN THE OPEN COURTYARD AREA OF THE BUILDING TO PROVIDE FOR A PATIENT-ALIGNED CARE TEAM (PACT) CLINIC WITH SUPPORT INFRASTRUCTURE.
- CONSTRUCTION OF A BASEMENT LEVEL MECHANICAL ROOM AS A BUILDING INFILL IN OF THE BASEMENT TO PROVIDE FOR MECHANICAL ROOM MEANS OF EGRESS.

DIMENSIONING CONVENTIONS

- 1) ALL DIMENSIONS ARE TO THE ACTUAL FINISHED FACE OF CONSTRUCTION ASSEMBLIES THAT ARE EITHER NEW OR EXISTING SUCH AS GYPSUM BOARD, PLASTER, CONCRETE (POURED OR PRECAST), BRICK MASONRY, CMU, ETC. UNLESS OTHERWISE NOTED.
- FLOOR PLAN(S) BY DIMENSIONS PROVIDED AT EACH SPECIFIC UNIT SHOWN: a. TYPICAL UNIT LOCATIONS SHALL BE DETERMINED BY WHAT HAS BEEN IDENTIFIED AS TYPICAL ON THE PLAN(S), IN THE DETAILS PROVIDED OR REFERENCED AND IN COMPLIANCE WITH THE DIMENSIONAL CONVENTIONS
- AS EACH SPECIFIC LOCATION/CONDITION REQUIRES. 3) ALL NEW DOOR INSTALLATIONS SHALL COMPLY WITH THE FOLLOWING UNLESS OTHERWISE NOTED:
- a. ON THE PUSH SIDE OF DOORS: PROVIDE A MINIMUM CLEARANCE OF 12" AT THE LOCK/LATCH SIDE FACE OF DOOR FRAME OPENING TO ANY FIXED CONSTRUCTION THAT WOULD BE ADJACENT TO THE FACE OF PARTITION.
- AT THE LOCK/LATCH SIDE FACE OF DOOR FRAME OPENING TO ANY FIXED CONSTRUCTION THAT WOULD BE ADJACENT TO THE FACE OF PARTITION.
- SIDE OF DOORS WHERE THE HINGE SIDE OF A DOOR FRAME IS PLACED ADJACENT TO ANY FIXED CONSTRUCTION, LOCATE THE DOOR SIDE FRAME OPENING 4" FROM THE FIXED CONSTRUCTION.
- d. IN CONCRETE AND MASONRY PARTITIONS TYPICALLY ON THE PULL SIDE OF DOORS WHERE THE HINGE SIDE OF A DOOR FRAME IS PLACED ADJACENT TO ANY FIXED CONSTRUCTION, LOCATE THE DOOR SIDE FRAME OPENING 8" FROM THE FIXED CONSTRUCTION.
- e. FIXED CONSTRUCTION IS INTENDED TO MEAN ANY PERMANENT AFFIXED CONSTRUCTED PARTITION, WALL, COLUMN, CASEWORK OR MOUNTED ASSEMBLIES OR EQUIPMENT THAT WOULD INTERFERE WITH THE DOOR UNIT INSTALLATION, DOOR SWING(S), SAFE OPERATION OR THE MINIMUM CLEAR ACCESS SPACE OPENINGS REQUIRED FOR COMPLIANCE WITH ADA AND ABAAS.
- TYPICALLY PROVIDE THE FOLLOWING UNLESS OTHERWISE NOTED: a. AT EXTERIOR WINDOW MULLION CONDITIONS CENTER THE PARTITION ON THE MULLION.
- b. AT EXTERIOR WINDOW FRAME CONDITIONS LOCATE THE FACE OF THE PARTITION 1/4" AWAY FROM ANY WINDOW FRAMING/TRIM. c. AT EXTERIOR WINDOW FRAME CONDITIONS WHERE THE WINDOW SILL
- EXTENDS BEYOND THE FACE OF THE FRAME/TRIM LOCATE THE FACE OF THE PARTITION 1/4" AWAY FROM THE WINDOW SILL.

DEMOLITION CEILING PLAN GENERAL NOTES

- A. AT CUTTING INTO HARD CEILINGS COORDINATE WITH VA COR FOR WORK TO BE DONE OFF HOURS.
- B. RATED TEMPORARY DRYWALL PATCHES TO BE INSTALLED BETWEEN SHIFTS -
- DRYWALL TAPE. C. ALL WORK AND TEMPORARY PATCHING OF OPENINGS TO BE
- COMPLETED TO EXTENT THAT CAN OCCUR IN A SINGULAR SHIFT. D. DEMOLITION AND CONSTRUCTION WORK TO BE PREFORMED WITH DIAMOND ONLY TOOL BITS.

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| DATE: | APPROVED: SERVICE LINE DIRECTOR DATE: | APPROVED: INFECTION CONTROL NURSE DATE: | DRAWING TITLE GENERAL - PROTECTION PROTOCOL + MISC NOTES APPRIVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: | PROJECT TITLE CONSTRUCT PACT CLINIC BUILDING 4 FIRST FLOOR | DATE: 10/28/22 PLDT SCALE PREJJECT NEL 656-400 | VA |
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| | APPROVED: DIRECTOR FMS DATE: | APPROVED: SAFETY MANAGER DATE: | APPROVED: CHIEF OF STAFF DATE: | BUILDING NO 4 CHECKED BY DA LC LC LC LCCATION ST. CLOUD VAHCS ST. CLOUD, MN 56303 | DRAWING NEL GIOO2 DVG. DF | |

THE OPEN COURTYARD AREA OF BUILDING 4, ALONG WITH A REMODEL OF A PORTION

2) ALL NEW TYPICAL DOOR UNIT INSTALLATIONS MAY NOT BE LOCATED ON THE

b. ON THE PULL SIDE OF DOORS: PROVIDE A MINIMUM CLEARANCE OF 18" c. IN METAL FRAMED GYPSUM BOARD PARTITIONS TYPICALLY ON THE PULL

4) WHERE INTERIOR PARTITIONS INTERSECT AND ATTACH TO EXTERIOR WALLS

THE PERIMETER OF THE PATCH TO BE TAPED OFF WITH "RED"FIRE-RATED







INCLUDED AND PROVIDED HEREIN. VA/COR ON A CASE BY CASE BASIS.

TO RECEIVE VA/COR APPROVAL. 1. BEFORE BEGINNING ANY DEMOLITION WORK EACH CONTRACTOR AND DISCIPLINE SHALL PERFORM A FULL EXAMINATION OF ALL 10. WHERE EXISTING FLOOR FINISHES ARE TO BE FULLY REMOVED AREAS OF WORK AND FULLY VERIFY ALL EXISTING CONDITIONS TO ALLOW FOR THE INSTALLATION OF NEW, PROVIDE FOR THE ALONG WITH ALL OF THE AREAS OF WORK FOR ANY UNFORESEEN COMPLETE REMOVAL OF THE EXISTING FLOOR FINISHES ALONG WITH CONDITIONS OR DISCREPANCIES FROM THE DOCUMENTATION THAT ALL ASSOCIATED ATTACHMENT SYSTEMS SUCH AS MASTICS, WOULD AFFECT THEIR WORK AND/OR THE WORK OF OTHERS. ANY ADHESIVES, TACKLESS STRIPS, STAPLES, SETTING BEDS OF GROUT, MORTAR OR CONCRETE, CARPET PADDING, ATTACHED SUBFLOORING UNFORESEEN CONDITIONS OR DISCREPANCIES DISCOVERED ARE TO MATERIALS, ETC. AS REQUIRED TO GET DOWN TO THE EXISTING BE IMMEDIATELY IDENTIFIED AND COORDINATED WITH THE STRUCTURAL FLOOR SUBSTRATE THAT CAN BE PROPERLY PATCHED, GENERAL/PRIME CONTRACTOR WHO SHALL IN TURN DOCUMENT AND REPAIRED, LEVELED AND MADE READY TO RECEIVE THE NEW FLOOR PROMPTLY REPORT ANY SUCH CONDITIONS DIRECTLY TO THE FINISHES. VA/COR FOR DIRECTION ON HOW TO PROCEED BEFORE ALLOWING ANY WORK TO BEGIN. 11. ITEMS INDICATED TO BE REMOVED AND SALVAGED FOR THE

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

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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

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 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 GOVERNMENTS DESIGNATED STORAGE FACILITY ON THE STATIONS 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, SCRAPED, 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

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.

GENERAL DEMOLITION NOTES

WORK NEEDING TO BE PROVIDED WILL REQUIRE VA/COR REVIEW AND APPROVAL BEFORE BEGINNING ANY OF SUCH WORK.AND SHALL BE SURE TO MAINTAIN ADEQUATE AND SAFE EMERGENCY MEANS OF EGRESS FROM ALL AREAS.

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

ARCHITECTS + ENGINEERS

ARCHITECT/ENGINEER OF RECORD

'00 Nicholas Blvd. Suite 300 Elk Grove Village, IL 60007 T: 847.952.9362

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BAE PROJECT NO. 18-116

APPROVED: PROJECT COR

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that under the laws of th Print Name:____ Signature: Date 10-28-27

| at I am a duly Licensed Architect he State of Minnesota. | |
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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 SUB-STRAIGHT WALL/PARTITION SURFACES REQUIRE NO FURTHER DEMOLITION AND ARE PREPARED TO RECEIVE ALL REQUIRED PATCHING, REPAIRS, RESURFACING AND REFINISHING AS REQUIRED TO 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 BASIS 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.

28. SEE DRAWING AD100 FOR DEMOLITION COORDINATION NOTES AND DEMOLITION KEY NOTES.

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PATIENT RISK GROUPS

| LOW RISK | MEDIUM RISK | HIGH RISK | HIGHEST RISK |
|--|--|---|---|
| PUBLIC HALLWAYS AND GATHERING AREAS NOT ON CLINICAL UNITS. OFFICE AREAS NOT ON CLINICAL UNITS. BREAKROOMS NOT ON CLINICAL UNITS BATHROOMS OR LOCKER ROOMS NOT ON CLINICAL UNITS MECHANICAL ROOMS NOT ON CLINICAL UNITS. EVS CLOSETS NOT ON CLINICAL UNITS | WAITING AREAS CLINICAL ENGINEERING MATERIALS MANAGEMENT STERILE PROCESSING DEPARTMENT - DIRTY SIDE KITCHEN, CAFETERIA, GIFT SHOP, COFFEE SHOP, AND FOOD KIOSKS | PATIENT CARE ROOMS AND AREAS ALL ACUTE CARE UNITS EMERGENCY DEPARTMENT EMPLOYEE HEALTH PHARMACY - GENERAL WORK ZONE MEDICATION ROOMS AND CLEAN UTILITY ROOMS IMAGING SUITES: DIAGNOSTIC IMAGING LABORATORY | ALL TRANSPLANT AND INTENSIVE CARE UNITS ALL ONCOLOGY UNITS OR THEATERS AND RESTRICTED AREAS PROCEDURAL SUITES PHARMACY COMPOUNDING STERILE PROCESSING DEPARTMENT – CLEAN SIDE TRANSFUSION SERVICES DEDICATED ISOLATION WARDS/UNITS IMAGING SUITES: INVASIVE IMAGING |

INFECTION CONTROL RISK ASSESSMENT (ICRA) MATRIX OF PRECAUTIONS FOR **CONSTRUCTION AND RENOVATION**

| | INSPECTION AND NON-INVASIVE ACTIVITIES |
|--------|---|
| ΤΥΡΕ Α | INCLUDES, BUT IS NOT LIMITED TO: REMOVAL OF CEILING TILE FOR VISUAL INSPECTION—LIMITED TO 1 TILE PER 50 SQUARE FEET WITH LIMITED EXPOSURE TIME. LIMITED BUILDING SYSTEM MAINTENANCE (E.G., PNEUMATIC TUBE STATION, HVAC |
| | SYSTEM, FIRE SUPPRESSION SYSTEM, ELECTRICAL AND CARPENTRY WORK TO INCLUDE PAINTING WITHOUT SANDING) THAT DOES NOT CREATE DUST OR DEBRIS. CLEAN PLUMBING ACTIVITY LIMITED IN NATURE. |
| | SMALL SCALE, SHORT DURATION ACTIVITIES WHICH CREATES MINIMAL DUST AND DEBRIS |
| | INCLUDES, BUT IS NOT LIMITED TO: |
| TYPE B | WORK CONDUCTED ABOVE THE CEILING (E.G., PROLONGED INSPECTION OR REPAIR OF FIREWALLS AND BARRIERS, INSTALLATION OF CONDUIT AND/OR CABLING, AND ACCESS TO MECHANICAL AND/OR ELECTRICAL CHASE SPACES). FAN SHUTDOWN/STARTUP |
| | INSTALLATION OF ELECTRICAL DEVICES OR NEW FLOORING THAT PRODUCES MINIMAL DUST AND DEPRIS |
| | ■ THE REMOVAL OF DRYWALL WHERE MINIMAL DUST AND DEBRIS IS CREATED. |
| | CONTROLLED SANDING ACTIVITIES (E.G., WET OR DRY SANDING) THAT PRODUCE MINIMAL DUST AND DEBRIS. |
| | LARGE-SCALE, LONGER DURATION ACTIVITIES THAT CREATE A MODERATE AMOUNT OF DUST AND DEBRIS |
| | INCLUDES, BUT IS NOT LIMITED TO: |
| TYPE C | REMOVAL OF PREEXISTING FLOOR COVERING, WALLS, CASEWORK OR OTHER BUILDING COMPONENTS. NEW DRYWALL PLACEMENT. |
| | ■ RENOVATION WORK IN A SINGLE ROOM |
| | |
| | INDIVERSING CABLE PATHWAT OR INVASIVE ELECTRICAL WORK ABOVE CEILINGS. THE REMOVAL OF DRYWALL WHERE A MODERATE AMOUNT OF DUST AND DEBRIS IS CREATED. |
| | DRY SANDING WHERE A MODERATE AMOUNT OF DUST AND DEBRIS IS CREATED. |
| | WORK CREATING SIGNIFICANT VIBRATION AND/OR NOISE. |
| | ANY ACTIVITY THAT CANNOT BE COMPLETED IN A SINGLE WORK SHIFT. |
| | |
| | PROJECTS |
| | INCLUDES, BUT IS NOT LIMITED TO: |
| TYPE D | REMOVAL OR REPLACEMENT OF BUILDING SYSTEM COMPONENT(S). |
| | REMOVAL/INSTALLATION OF DRYWALL PARTITIONS. |
| | |

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INFECTION CONTROL REQUIRED BY ALL CLASSES

ST RISK

- 1. MAINTAIN FOR REVIEW SIGNATURE RECORD OF ALL ONSITE CONSTRUCTION WORKERS FOR FIRE AND
- LIFE SAFETY TRAINING.
- 2. MAINTAIN FOR REVIEW INFECTION PREVENTION AND CONSTRUCTION SAFETY CHECKLISTS.
- 3. MAINTAIN MANPOWER AND EQUIPMENT, INCLUDING DUST MOPS, WET MOPS, BROOMS, BUCKETS AND CLEAN WIPING RAGS. FOR CLEANING FINE DUST FROM FLOORS WITHIN THE WORK AREA AND (WHEN APPROPRIATE) ADJACENT OCCUPIED AREAS ..
- 4. CLEAN UP DUST TRACKED OUTSIDE OF CONSTRUCTION AREA IMMEDIATELY.
- 5. TEMPORARY CONSTRUCTION BARRIERS AND CLOSURES ABOVE CEILING MUST BE SEALED AS DESCRIBED IN No. 4 ABOVE.
 - 6. REMOVAL OF DEBRIS MUST BE IN COVERED CONTAINERS. 7. FOR JOBS THAT CREATE DUST IN ROOM MADE NEGATIVE BY USE OF HEPA-EQUIPPED UNIT WITH MINIMUM 10 ACH, HEPA UNIT MUST RUN 2 HOURS AFTER COMPLETION OF JOB AND ROOM. MUST BE CLEANED BEFORE UNIT IS REMOVED FROM ROOM. ALL WORK AND USE OF HEPA UNIT MUST BE DOCUMENTED WITH A DOCUMENT COPY FORWARDED TO INFECTION PREVENTION AND CONTROL, AS WELL AS, HOUSEKEEPING.
 - 8. ALL DUCTS VENTS AND FAN COIL UNITS MUST BE SEALED OFF DURING CONSTRUCTION.
 - 9 ALL WATER LINES INACTIVATED FOR GREATER THAN 72 HOURS MUST BE THOROUGHLY FLUSHED. NEW PIPING WILL BE FLUSHED AND DISINFECTED PRIOR TO USE.

ADDITIONAL REQUIREMENTS

- 1. GENERAL CONTRACTOR SHALL SUBMIT TO THE VA C.O.R COPY OF EMERGENCY PROCEDURES TO BE
- POSTED.. 2. GENERAL CONTRACTOR SHALL POST PCRA AND APPROPRIATE CONSTRUCTION SIGNAGE IDENTIFYING LIMITED ACCESS AND PROPER PPE IN ICRA AREA.
- 3. GENERAL CONTRACTOR SHALL NOTIFY ST CLOUD VAHCS, C.O., C.O.R. POLICE AND SAFETY OFFICE IF A FEDERAL OR STATE REGULATOR ARRIVES ON SITE TO INSPECT JOBSITE.
- 4 NO EATING. DRINKING OR SMOKING ON THE JOBSITE.
- 5. ALL PERSONNEL ENTERING THE JOBSITE MUST WEAR A HARD HAT AND SAFETY GLASSES ALONG WITH ANY PPE REQUIRED IN THAT AREA.
- 6. ALL APPLICABLE FORMS REQUIRED BY ST CLOUD VAHCS ARE TO BE APPROVED PRIOR TO START OF WORK.
- 7. NEGATIVE PRESSURE HEPA UNITS ARE TO BE MAINTAINED WITH FILTER(S) REPLACED PER SPECIFICATIONS.
- 8. CLEAN ALL EXTERIOR SURFACES OF CARTS AND TOOLS AT THE END OF EACH SHIFT.
- 9. MONITOR NEGATIVE PRESSURE AND POST LOG AT END OF EACH SHIFT.
- 10. DURING CONSTRUCTION GENERAL CONTRACTOR SHALL MAKE CERTAIN THAT:
 - -BARRIERS ARE INTACT AND MAINTAINED. -NEGATIVE INDICATOR IS AVAILABLE-VALIDATE PRESSURE.
 - -ALL ICRA REQUIREMENTS IDENTIFIED ARE MAINTAINED.

IC MATRIX - CLASS OF PRECAUTIONS: CONSTRUCTION PROJECT BY PATIENT RISK CONSTRUCTION PROJECT TYPE

| RISK RELATED GROUP | ΤΥΡΕ Α | TYPE B | TYPE C | TYPE D |
|--------------------|--------|--------|--------|---------|
| LOW RISK GROUP | | 11 | 11 | III/ IV |
| MEDIUM RISK GROUP | | ll II | III | IV |
| HIGH RISK GROUP | | III | W | V |
| HIGHEST RISK GROUP | III | W | | V |

<u>NOTE:</u>

INFECTION CONTROL PERMIT AND APPROVAL WILL BE REQUIRED WHEN CLASS OF PRECAUTIONS III (TYPE C) AND ALL CLASS OF PRECAUTIONS IV AND V ARE NECESSARY.

ENVIRONMENTAL CONDITIONS THAT COULD AFFECT HUMAN HEALTH, SUCH AS SEWAGE, MOLD, ASBESTOS, GRAY WATER AND BLACK WATER WILL REQUIRE CLASS OF PRECAUTIONS IV FOR LOW AND MEDIUM RISK GROUPS AND CLASS OF PRECAUTIONS V FOR HIGH AND HIGHEST RISK GROUPS

| I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duky Lippened Arabitect |
|---|
| under the laws of the State of Minnesota. |
| Print Name: DENNIS J MIKA |
| Signature: |
| Date 10-28-22_ License # 56382 |

| ARCHITECT/ENGINEER OF RECORD | APPROVED: PROJECT COR DATE: | APPROVED: SERVICE LINE DIRECTOR DAT | EI APPROVEDI INFECTION CONTROL NURSE DATEI | | PREJECT TITLE CONSTRUCT PACT CLINIC | 10/28/22 |
|---|-----------------------------|--|--|--|--|------------------------|
| 700 Nicholas Blvd. Suite 300 | | | | APPRIVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR | BUILDING 4 FIRST FLOOR | PREJECT NE. 656-400 |
| JOURANA Elk Grove Village, IL 60007 T: 847.952.9362 BANCROFT ARCHITECTS + ENGINEERS Www. bancroft-ae.com BAE PROJECT NO. 18-116 | | APPROVED: PROJECTS SECTION MANAGER DAT | E: APPROVED: CHIEF OF POLICE DATE: | APPROVED: CHIEF OF STAFF DATE: APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: | BUILDING NO 4 CHECKED BY DA JJ LIDCATION ST. CLOUD VAHCS | DRAWING NEL GI400 |
| I | | | | <u> </u> | [ST. CLOUD, MN 56303 | DWG. DF |

INFECTION CONTROL - GENERAL NOTES

- A. PROJECT 656-400 IS IDENTIFIED AS A CLASS V RISK GROUP. REFER TO SPECIFICATIONS SECTION 01-35-26 SAFETY
- REQUIREMENTS. CHAPTER 1.12 INFECTION CONTROL FOR ADDITIONAL INFORMATION. IDENTIFIED ICRA IS FOR THE CONSTRUCTION SITE PROPER. ANY CONSTRUCTION ACTIVITY OUTSIDE OF THE IDENTIFIED CONSTRUCTION BARRIER WILL REQUIRE A SEPARATE ICRA PERMIT WITH ADDITIONAL ICRA PROTECTION MEASURES. CONTRACTOR SHALL PRE-PLAN AND INCLUDE COSTS FOR ALL ICRA CONTAINMENTS NOT DETAILED ON THE PLAN. CONTRACTOR SHALL USE THE ICRA PERMIT MATRIX AS A PERFORMANCE REQUIREMENT.
- C. HVAC CONNECTIONS TO EXISTING SYSTEM TO BE DISCONNECTED DURING DEMOLITION & CONSTRUCTION.
- D. GC TO SUPPLY NEGATIVE PRESSURE MACHINE(S) OF SUFFICIENT SIZE & QUANTITY TO ADEQUATELY MAINTAIN A CONSISTENT
- NEGATIVE PRESSURE DIFFERENTIAL IN CONSTRUCTION AREAS RELATIVE TO ADJACENT AREAS. E. ALL AREAS OF NEGATIVE AIR WILL BE MONITORED BY TRIATEK MONITOR PER VA GUIDELINES.
- F. CONTRACTOR WILL VERIFY AND TEST NEGATIVE AIR FLOW.
- G. CONTRACTOR TO MAINTAIN A NEGATIVE AIR PRESSURE LOG.
- H. CONSTRUCTION BARRIER TEMPORARY PARTITION DETAILS TO FOLLOW PROTOTYPE DETAILS ON SHEET GI401.
- CONTRACTOR SHALL PROVIDE A TEMPORARY ANTE ROOM FOR DUST CONTAINMENT AT ALL CONSTRUCTION AREA ENTRANCE POINTS. SEE SHEET GI401 FOR ADDITIONAL INFORMATION.
- J. G.C. SHALL PROVIDE TEMPORARY CONSTRUCTION DOOR UNITS.
- J.1. HOLLOW METAL DOORS & FRAMES PAINTED PER VA STANDARDS. J.2. 45 MINUTE FIRE-RESISTANCE RATING AS REQUIRED FOR OPENINGS IN 1 HR FIRE-RATED WALL ASSEMBLIES.
- J.3. INCLUDE BUTT HINGES, CLOSERS, & LOCKSETS, HINGES NECESSARY TO MAINTAIN OPENING RATING.
- K. ALL TEMPORARY CONSTRUCTION DOORS ACCESSING CONSTRUCTION WORK ZONE FROM EXISTING ADJACENT SPACES TO BE EQUIPPED WITH 'BEST' 7-PIN TE REMOVEABLE CORE.
- . ALL CONSTRUCTION ENTRANCES TO BE PROPERLY LABELED TO COMPLY WITH VA AND OSHA REQUIREMENTS.
- M. CONTRACTOR TO PROVIDE WALK-OFF STICKY MATS (24"x 36" MINIMUM SIZE) AND CHANGE THEM AS SPECIFIED AT EACH ENTRANCE POINT.
- N. CONTRACTOR TO PROVIDE HAND SANITIZERS AT ALL ENTRANCE/EXIT POINTS ON CONSTRUCTION SIDE.
- O. CONTRACTOR TO SUPPLY SPILL KIT (TO INCLUDE SHOP VAC AND MULTI PURPOSE SPILL CONTROL SORBENTS) TO ABSORB NON AGGRESSIVE LIQUIDS UP TO 30 GALLONS.
- P. ALL NEW CONSTRUCTION MATERIALS, TOOLS AND EQUIPMENT PASSING THROUGH ADJACENT SPACES TO BE COVERED WITH 4 MIL. POLY SHEETS.
- Q. THE CONTRACTOR SHALL NOT BLOCK OR HINDER THE USE OF THE BUILDINGS BY PATIENTS, STAFF & VISITORS.
- R. ALL MATERIALS AND EQUIPMENT MUST BE PROPERLY STORED IN DESIGNATED AREAS.
- S. ALL DEBRIS AND GARBAGE THAT IS TO BE REMOVED THROUGH ADJACENT SPACES MUST BE CONTAINED IN CONTAINERS DESIGNED FOR THAT PURPOSE AND MUST BE TIGHTLY COVERED WITH A FULL COVER/ LID.
- T. FLAMMABLE MATERIALS MAY NOT BE STORED IN BUILDINGS.
- U. SEAL/FIRESTOP ALL OPENINGS IN EXISTING SMOKE BARRIER WALLS AND EXISTING RATED FLOORS. FIELD VERIFY CONDITION OF WALLS ABOVE FINISH CEILINGS AND FLOORS PRIOR TO CONSTRUCTION. IN ADDITION, SEAL/ FIRESTOP ALL EXPOSED CONDUIT AND PIPING.
- V. COORDINATE DEBRIS REMOVAL WITH POSTED TIMES FOR ELEVATOR AVAILABILITY. ALL DEBRIS REMOVAL TO BE VIA DESIGNATED ELEVATOR ONLY.

DESCRIPTION OF REQUIRED INFECTION CONTROL PRECAUTIONS FOR CLASS V

URING CONSTRUCTION PROJECT

- . 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.
- 2. ALL (PLASTIC OR HARD) BARRIER CONSTRUCTION ACTIVITIES MUST BE COMPLETED IN A MANNER THAT PREVENTS DUST RELEASE. PLASTIC BARRIERS MUST BE EFFECTIVELY AFFIXED TO GROUND AND CEILING AND SECURE FROM MOVEMENT OR DAMAGE. APPLY TAPE THAT WILL NOT LEAVE A RESIDUE TO SEAL GAPS BETWEEN BARRIERS, CEILING OR FLOOR.
- 3. SEAL ALL PENETRATIONS IN CONSTRUCTION SITE, CONTAINMENT BARRIERS, ANTEROOM BARRIERS, INCLUDING FLOORS AND CEILING USING APPROVED MATERIALS (UL SCHEDULE FIRESTOP IF APPLICABLE FOR BARRIER TYPE) AND IN CONSTRUCTION SITE.
- 4. CONSTRUCT ANTEROOM LARGE ENOUGH FOR EQUIPMENT STAGING, CART CLEANING, WORKERS. THE ANTEROOM MUST BE CONSTRUCTED ADJACENT TO ENTRANCE OF CONSTRUCTION WORK AREA.
- 5. PERSONNEL WILL BE REQUIRED TO WEAR COVERALLS AT ALL TIMES DURING CLASS V WORK ACTIVITIES. COVERALLS MUST BE REMOVED BEFORE LEAVING THE ANTEROOM.
- REMOVE OR ISOLATE RETURN AIR DIFFUSERS TO AVOID DUST ENTERING THE HVAC SYSTEM.
- REMOVE OR ISOLATE THE SUPPLY AIR DIFFUSERS TO AVOID POSITIVE PRESSURIZATION OF THE SPACE.
- NEGATIVE AIRFLOW PATTERN MUST BE MAINTAINED FROM THE ENTRY POINT TO THE ANTEROOM AND INTO THE CONSTRUCTION AREA. THE AIRFLOW MUST CASCADE FROM OUTSIDE TO INSIDE THE CONSTRUCTION AREA. THE ENTIRE CONSTRUCTION AREA MUST REMAIN NEGATIVELY PRESSURIZED
- MAINTAIN NEGATIVE PRESSURIZATION OF THE ENTIRE WORKSPACE USING HEPA EXHAUST AIR SYSTEMS DIRECTED OUTDOORS. EXHAUST DISCHARGED DIRECTLY TO THE OUTDOORS THAT IS 25 FEET OR GREATER FROM ENTRANCES, AIR INTAKES AND WINDOWS DOES NOT REQUIRE HEPA-FILTERED AIR.
- 10. EXHAUST INTO SHARED OR RE-CIRCULATING HVAC SYSTEMS OR OTHER SHARED EXHAUST SYSTEMS(BATHROOM EXHAUST) IS NOT ACCEPTABLE.

- 11. INSTALL DEVICE (E.G., MAGNEHELIC, MANOMETER, WORK AREA CLEANING: OR DIGITAL MONITORING) ON EXTERIOR OF WORK CONTAINMENT TO CONTINUALLY MONITOR NEGATIVE PRESSURIZATION. THE "BALL IN THE WALL" OR SIMILAR APPARATUS ARE NOT ACCEPTABLE.
- 12. CONTAIN ALL TRASH AND DEBRIS IN THE WORK AREA.
- 13. ALL PERSONNEL ENTERING THE WORK SITE ARE REQUIRED TO WEAR SHOE COVERS. SHOE COVERS MUST BE CHANGED EACH TIME PERSONNEL EXITS THE WORK AREA.
- 14. 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.
- 15. WORKER CLOTHING MUST BE CLEAN AND FREE OF VISIBLE DUST BEFORE LEAVING THE WORK AREA ANTEROOM.
- WORKERS MUST WEAR SHOE COVERS PRIOR TO 16. ENTRY INTO THE WORK AREA. SHOE COVERS MUST BE CHANGED PRIOR TO EXITING THE ANTEROOM TO THE OCCUPIED SPACE (NON-WORK AREA). DAMAGED SHOE COVERS MUST BE IMMEDIATELY CHANGED.
- 17. 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.
- 18. CONSIDER COLLECTION OF PARTICULATE DATA DURING WORK TO MONITOR AND ENSURE THAT CONTAMINATES DO NOT ENTER THE OCCUPIED SPACES. ROUTINE COLLECTION OF PARTICULATE SAMPLES MAY BE USED TO VERIFY HEPA FILTRATION EFFICIENCIES.

PERFORMED UPON COMPLETION OF WORK ACTIVITY CLASS III (TYPE C ACTIVITIES ONLY). IV. AND V PRECAUTIONS REQUIRE INSPECTION AND DOCUMENTATION FOR DOWNGRADED ICRA PRECAUTIONS.

CONSTRUCTION AREAS MUST BE INSPECTED BY AN INFECTION PREVENTIONIST OR DESIGNEE AND ENGINEERING REPRESENTATIVE FOR DISCONTINUATION OR DOWNGRADING OF ICRA PRECAUTIONS.

- FLOORING MATERIALS.
- REMOVAL OF CRITICAL BARRIERS: CRITICAL BARRIERS MUST REMAIN IN PLACE DURING
- ACTIVITIES MUST BE COMPLETED IN A MANNER THAT
 - TAPF
 - VACUUM.

 - BARRIFR.
- NEGATIVE AIR REQUIREMENTS:
- AT ALL TIMES AND IN PLACE FOR A PERIOD AFTER COMPLETION OF DUST CREATING ACTIVITIES TO

HVAC SYSTEMS:

- IS BEING PERFORMED.
- OPERATIONAL. 3. VERIFY THE HVAC SYSTEMS MEETS ORIGINAL AIRFLOW
- AND AIR EXCHANGE DESIGN SPECIFICATIONS.

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REMOVE CONTAMINANTS FROM THE WORK AREA AND BEFORE REMOVAL OF CRITICAL BARRIERS. UPON REMOVAL OF CRITICAL BARRIERS, REMOVE ISOLATION OF HVAC SYSTEM IN AREAS WHERE WORK VERIFY THAT HVAC SYSTEMS ARE CLEAN AND

1. THE USE OF NEGATIVE AIR MUST BE DESIGNED TO REMOVE CONTAMINATES FROM THE WORK AREA. NEGATIVE AIR DEVICES MUST REMAIN OPERATIONAL

v. USE A PLASTIC BARRIER TO ENCLOSE AREA IF DUST COULD BE GENERATED.

REMOVAL PROCESS. iv. CLEAN ALL STUD TRACKS WITH HEPA VACUUM BEFORE REMOVING OUTER HARD

iii. DRYWALL CUTTING IS PROHIBITED DURING

ii. IF DUST WILL BE GENERATED DURING SCREW REMOVAL, USE HAND-HELD HEPA

PREVENTS DUST RELEASE. USE THE FOLLOWING PRECAUTIONS WHEN REMOVING HARD BARRIERS: i. CAREFULLY REMOVE SCREWS AND PAINTER

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. ALL (PLASTIC OR HARD) BARRIER REMOVAL

2. CHECK ALL SUPPLY AND RETURN AIR REGISTERS FOR DUST ACCUMULATION ON UPPER SURFACES AS WELL AS AIR DIFFUSER SURFACES.

CLEAN WORK AREAS INCLUDING ALL ENVIRONMENTAL SURFACES, HIGH HORIZONTAL SURFACES AND



| | ARCHITECT/ENGINEER OF RE | ECORD | APPROVED: PROJECT COR |
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| ereby certify that this plan, specification, or port was prepared by me or under my direct pervision and that I am a duly Licensed Architect der the laws of the State of Minnesota. | - Bancitty 7 | 00 Nicholas Blvd. Suite 300 Elk Grove Village, IL 60007 | |
| ite 10-28-22 License # 56382 | BANCROFT ARCHITECTS + ENGINEERS | 1: 847.952.9362 www. bancroft-ae.com BAE PROJECT NO. 18-116 | |

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| RATED PARTITION LEGEND | GENERAL NOTES - INFECTION CONTROL PLAN | LEGEND - INFECTION |
|---|--|--|
| -++++++++ SMOKE RESISTIVE HAZARDOUS ROOM ENCLOSURE | A. REFER TO SHEET GI400 FOR ADDITIONAL INFECTION CONTROL GENERAL NOTES & DESCRIPTION OF REQUIRED INFECTION CONTROL PRECAUTIONS | TEMPORARY ENCLOSURES F |
| | FOR CLASS V WORK. B. REFER TO SHEFT GI401 FOR ADDITIONAL INFORMATION INCLUDING BUT | EXISTING CONSTRUCTION TO |
| -++++++++ SMOKE RESISTIVE HAZARDOUS ROOM ENCLOSURE | NOT LIMITED TO TYPICAL CONSTRUCTION LAYOUT, TEMPORARY ANTE ROOM, MOBILE CONTAINMENT CART. & TEMPORARY WALL BARRIERS. | EXISTING CONSTRUCTION TO |
| $ \sim$ $ \sim$ \sim 1-HOUR FIRE/SMOKE BARRIER (EXISTING) | C. IF TEMPORARY WALL BARRIER IS IN THE SAME LOCATION AS INDICATED FOR PERMANENT PARTITIONS AT CONTRACTOR'S OPTION THE TEMPORARY | TEMPORARY CONSTRUCTION |
| 2-HOUR FIRE/SMOKE BARRIER (EXISTING) | WALL MAY BE INCORPORATED INTO THE COMPLETED WORK SUBJECT TO THE WORK CONFORMING TO REQUIREMENTS FOR THE PERMANENT | PATH OF EGRESS |
| | PARTITIONS. SEE ARCHITECTURAL PLANS AND PARTITION TYPE SCHEDULE FOR ADDITIONAL INFO. | \longrightarrow Path of Material Delive |
| | D. IF THERE IS NO FEASIBLE WAY TO EXHAUST AIR TO THE OUTSIDE IN A GIVEN AREA OF WORK, THE AIR SHALL BE TREATED IN PLACE WITH HEPA | 🐼 KEYNOTES - INFECTIO |
| | AND CARBON UNITS PER THE VOLUME OF THE ROOM. | NOTE: NOT ALL KEYNOTES ARE USED ON |
| | | 1. FIRE EXTINGUISHER. |
| | | 2. INFECTION CONTROL TEMPORARY WALL BARF GI401 FOR ADDITIONAL INFO. SEE GENERA |
| | | EXTEND TO UNDERSIDE OF STRUCTURE ABC 2A. MODIFY EXISTING PARTITION AS REQUIRED T |
| SPS CHIEF OFFICE | | PARTITION SHALL EXTEND TO UNDERSIDE OF PERIMETER SOUND SEALANT. PROVIDE 1-F |
| 26A | | ASSEMBLY AT PARTITION PERIMETER. INFILI PARTITION WITH 1 HR FIRESTOPPING SEAL |
| | | 2B. INFECTION CONTROL TEMPORARY WALL BARF SEE SHEET GI401 FOR ADDITIONAL INFO. |
| $\overline{(3)}$ | | OF STRUCTURE ABOVE. REMOVE WALL IN 2C INFECTION CONTROL TEMPORARY WALL BARE |
| (2) STAIR | | SEE SHEET GI401 FOR ADDITIONAL INFO. |
| | | INSTALLATION OF PARTITION INFILL OF EXIST WALL. SECURE PARTITION TO EXISTING MAD |
| | | RETAIN/REMOVE WALL IN COMPLETED WORK |
| CRAWL SPACE | | BE CONSTRUCTED IN SECTIONS ENSURING T |
| | | SEALING CAN OCCOR IN A SINGLE SHIFT. SEE S SEE GENERAL NOTE 3 THIS SHEET. PARTITION S OF STRUCTURE ABOVE |
| | | 3. TEMPORARY HOLLOW METAL DOOR & FRAME |
| ANTE ANTE FRIDGE | | REQUIRED FOR 45 MINUTE FIRE-RESISTANC FIRE-RATED PARTITION. SEE SHEET GI401 |
| | | DOOR, FRAME & HARDWARE INDICATED ON COMPLETED WORK. |
| | | 4. SUPPLY AND INSTALL 6 MIL HEAVY DUTY, F POLYETHYLENE SHEETING (VISQUEEN) WITH |
| | | PLASTIC SHEET SHALL BE FULLY SEALED A 5. SUPPLY AND INSTALL WALK-OFF STICKY MA |
| | | GI400 & GI401. |
| $\sim \sqrt{2}$ | | MEASURES. |
| | | 7. DESIGNATED MAIN CONSTRUCTION ENTRANCE 7A. DESIGNATED SUPPLEMENTAL CONSTRUCTION |
| | | COMPONENTS AND PRIMARY EXIT FOR DEBR BE HANDED THROUGH THE LOADING DOCK |
| | | WORKERS ARE NOT ALLOWED TO PASS THR 8. DESIGNATED SUPPLEMENTAL CONSTRUCTION |
| | | COMPONENTS REQUIRING USE OF ELEVATOR ONLY. USE OF ENTRANCE AND ELEVATOR N |
| | | & CONTRACTOR SHALL IMPLEMENT NECESSA MEASURES. |
| | | 9. PROPOSED LOCATION FOR EXHAUST TO ROC UNIT LOCATED IN BASEMENT MECHANICAL R |
| | | EXHAUST PASSAGE TO ROOF OPENING IS A DRAWINGS FOR ADDITIONAL INFORMATION. |
| | PREP ASSEMBLY | EXHAUST AIR IS THE RESPONSIBILITY OF TH |
| | | FROM HEPA EQUIPPED NEGATIVE AIR FILTRA |
| STORAGE | | THE COMPLETED WORK. SEE SHEET GI401 |
| | | CONTAINMENT BARRIER FROM FLOOR TO CO FURRING & SEAL VOIDS AS REQUIRED PRIC |
| | | CONSTRUCTION WORK. |
| | | TEMPORARY SWEEP DOOR BOTTOM. REMOV COMPLETED WORK & REPAIR FINISHES. |
| DÉCON | | 13. CONTRACTOR TO TEMPORARILY SUSPEND A CEILING OR USE TEMPORARY MOBILE CONTA |
| WOKR AREA | | WORK THAT WILL BE PERFORMED WITHIN TH BARRIER TO BE REMOVED OFF SHIFT. AREA |
| | | OVER TO THE VA HALF HOUR PRIOR TO ST PERFORMED OFF HOURS. CONTRACTOR TO |
| | | THIS AREA TO ALLOW WORK. REINSTALL TIL AT THE END OF EACH SHIFT. REPLACE ANY |
| | | CEILING WORK TO BE COORDINATED WITH V WORK. IF AN EXISTING HARD CEILING NEED |
| | | PROVIDE PLASTIC BARRIER COVER ENTIRETY |
| | | 14. WORK TO BE PREFORMED OFF HOURS. COO 15. INSTALL PERMANENT WALL PARTITION. REFE |
| | | A501. |
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| 0 2' 4' 8' 16' | | |
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| HAZARDOUS PLAN NOTES |
|---|
| REFER TO SPECIFICATIONS 028211, 028213.19 AND 028333.13 FOR ASBESTOS AND LEAD PAINT REMOVAL AND ABATEMENT REQUIREMENTS AND PROCEDURES. |
| 2. REFER TO ASBESTOS INSPECTION REPORT 04-26-2017 AND CURRENT ASBESTOS/LEAD CONSULTANT FINDINGS. |
| ASBESTOS ABATEMENT LEGEND |
| REMOVE ASBESTOS-CONTAINING 12" FLOOR TILE AND BLACK MASTIC UNDER CARPET AS INDICATED IN THE KEYNOTES |
| REMOVE ASBESTOS-CONTAINING 12" FLOOR TILE AND BLACK MASTIC AS INDICATED IN THE KEYNOTES |
| REMOVE ASBESTOS-CONTAINING ADHESIVE UNDER NON-ASBESTOS 12" WALL TILE AS INDICATED IN THE KEYNOTES |
| REMOVE ASBESTOS-CONTAINING PIPE INSULATION (VERTICAL RISERS & HORIZONTAL RUNS) AS INDICATED IN THE KEYNOTES |
| $\begin{bmatrix} \exists \\ \exists \end{bmatrix} REMOVE WINDOW WITH ASBESTOS-CONTAINING GLAZING COMPOUND AND CAULKING AND LBP AS INDICATED IN THE KEYNOTES. DISPOSE AS ACM.$ |
| REMOVE ROOF DRAIN WITH ASBESTOS-CONTAINING BITUMINOUS COATING AS INDICATED IN THE KEY NOTES |
| LEAD ABATEMENT LEGEND |
| $\begin{bmatrix} \blacksquare \\ \blacksquare \end{bmatrix} REMOVE LEAD-BASED PAINTED WINDOW AS INDICATED IN THE KEYNOTES$ |
| REMOVE LEAD-CONTAINING GLAZED CERAMIC BLOCK WALL AS INDICATED IN THE KEYNOTES |
| REMOVE DOOR WITH LEAD-BASED PAINT AS WHOLE COMPONENT AS INDICATED IN THE KEYNOTES |
| $\begin{array}{c} \hline 1 - 1 - 1 - 1 \\ \hline 1 - 1 - 1 - 1 \\ \hline 1 - 1 - 1 - 1 \\ \hline 1 - 1 - 1 - 1 \\ \hline 1 - 1 - 1 - 1 \\ \hline 1 - 1 - 1 - 1 \\ \hline \end{array}$ $\begin{array}{c} \text{REMOVE DUCTWORK WITH LEAD-BASED PAINT AS} \\ \text{WHOLE COMPONENT AS INDICATED IN THE KEY} \\ \hline \text{NOTES} \\ \end{array}$ |
| ABATEMENT GENERAL NOTES |
| THE SCOPE OF THE ASBESTOS RELATED WORK CONSISTS OF REMOVING ASBESTOS CONTAINING PIPE AND FITTING INSULATION, ANI ASBESTOS CONTAINING FLOORING AND MASTIC. |
| 2. ALL WORK SHALL BE CONDUCTED IN ACCORDANCE WITH ALL FEDERAL STATE AND LOCAL REGULATIONS AND THE CONTRACT SPECIFICATIONS |
| THE ABATEMENT WORK SHALL BE CONDUCTED DURING REGULAR BUSINESS HOURS (8:00 AM - 4:30 PM) EXCLUDING FEDERAL HOLIDAYS. |
| WORK SCHEDULES AND LIMITS OF ABATEMENT SHALL BE COORDINATE WITH THE VA COR AND VPIH FOR APPROVALS. |
| 5. THE ABATEMENT CONTRACTOR SHALL SUBMIT A DETAILED WORK PLAN AND ABATEMENT SCHEDULE WITH THE REQUIRED SUBMITTALS. ANY CHANGES TO THE PROCEDURES, CONTAINMENT LIMITS AND PHASING SHALL BE SUBMITTED TO THE VA COR AND VPIH FOR APPROVALS. |
| THE LOCATIONS AND QUANTITIES OF ALL ABATEMENT SHALL BE FIELD VERIFIED BY THE ABATEMENT CONTRACTOR AND THE GENERAL CONTRACTOR. THE LIMITS OF REMOVAL AND EXTENT OF THE CONTAINMENTS SHALL BE VERIFIED WITH THE VA COR AND VPIH. FOR CLARITY, THE DRAWINGS ONLY SHOW REPRESENTATIVE LOCATIONS OF PIPING. |
| 7. ALL LOADOUT PROCEDURES SHALL BE COORDINATED WITH THE VA CO AND VPIH. |
| 8. A FULL DECONTAMINATION UNIT IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS SHALL BE REQUIRED FOR EACH CONTAINMENT WITH FLOOR TILE OR MASTIC REMOVAL AND ALSO PIPE INSULATION QUANTITIES GREATER THAN 25 LF. THE LOCATIONS OF ABATEMENT DECONTAMINATION UNITS AND WASTE DISPOSAL CONTAINERS SHALL BE FIELD VERIFIED WITH THE VA COR AND VPIH. |
| THE ABATEMENT CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY HEAT TO THE SPACE DURING PERIODS OF COLD WEATHER TO PROTECT ANY WATER LINES FROM FREEZING. |
| ASBESTOS/LEAD ABATEMENT KEY NOTES |
| A1 CONSTRUCT LOCKABLE, IMPERMEABLE ENCLOSURE AROUND THE PERSONNEL DECONTAMINATION UNIT AND SEPARATE EQUIPMENT/WASTE LOADOUT UNIT. |
| A2 REMOVE ASBESTOS-CONTAINING 12" FLOOR TILE AND MASTIC BELOW CARPETING UNDER FULL CONTAINMENT |
| A3 REMOVE ASBESTOS-CONTAINING 12" FLOOR TILE AND MASTIC UNDER FULL CONTAINMENT |
| A4 WHOLE COMPONENT REMOVAL OF WINDOW UNIT WITH ASBESTOS-CONTAINING GLAZING COMPOUND AND CAULKING AND LE WINDOW OPENINGS SHALL BE TEMPORARILY COVERED USING 1/2" PLYWOOD WITH 2"X4" SUPPORTS AND SEALED WITH 6 MIL POLY AND DUCT TAPE. |
| A5 REMOVE NON-ASBESTOS WALL BOARD WITH ASBESTOS-CONTAINING ADHESIVE UNDER FULL CONTAINMENT |
| A6 REMOVE ASBESTOS-CONTAINING PIPE INSULATION, UNDER FULL CONTAINMENT, WHICH IS EXPOSED AS A RESULT OF WALL DEMOLITIC |
| A7 GLOVEBAG AND WHOLE COMPONENT REMOVAL OF ASBESTOS-CONTAINING PIPE INSULATION WHICH IS ASSUMED TO BE CONCEALED BEHIND CHASE WALLS AND OR PLASTER/SEALED CEILIN SYSTEMS AT THIS LOCATION. PIPE INSULATION WILL BE EXPOSED AS RESULT OF CEILING AND WALL DEMOLITION. |
| A8 WHOLE COMPONENT REMOVAL OF ROOF DRAIN PIPE WITH ASBESTO CONTAINING BITUMINOUS COATING. MATERIAL IS <1 S.F. AND LOCATE AT THE END OF DRAIN PIPE WHERE STEEL GUTTER DOWNSPOUT ENTERS PIPE |
| ASBESTOS-CONTAINING FLOOR TILE AND MASTIC IS NOT AFFECTED BY THIS PROJECT. |
| L1 REMOVE LEAD GLAZED CERAMIC BLOCK WALL |
| L2 WHOLE COMPONENT REMOVAL OF DUCTWORK WITH LBP |
| HEPA EXHAUST UNIT LOCATION AND EXHAUST ROUTE |
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| PROVED) SERVICE LINE DIRECTOR | DATE: | APPROVED: INFECTION CONTROL NURSE | DATE: | DRAWING TITLE HAZARDOUS MATERIALS PLAN - ASBESTOS/LEAD - BASEMENT | PROJECT TITLE CONSTR BUILDIN | RUCT PACT G 4 FIRST F | CLINIC | DATE: 10/28/22 PLDT SCALE | |
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| ROVED: PROJECTS SECTION MANAGER | DATE: | APPROVED: CHIEF DF POLICE | | APPROVED: CHIEF OF STAFF DATE: | BUILDING No | CHECKED BY | DRAWN | DRAWING ND. | |
| PROVED: DIRECTOR FMS | DATE: | APPROVED: SAFETY MANAGER | DATE: | APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: | LOCATION S | T. CLOUD V. T. CLOUD, N | AHCS 1N 56303 | DWG. DF | |





| | HAZARDOUS PLAN NOTES |
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| 1 | . REFER TO SPECIFICATIONS 028211, 028213.19 AND 028333.13 FOR ASBESTOS AND LEAD PAINT REMOVAL AND ABATEMENT REQUIREMENTS AND PROCEDURES. |
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| | REMOVE ASBESTOS-CONTAINING PIPE INSULATION (VERTICAL RISERS & HORIZONTAL RUNS) AS INDICATED IN THE KEYNOTES |
| E | $\begin{array}{c} \blacksquare \\ \blacksquare \end{array} \begin{array}{c} REMOVE \text{ WINDOW WITH ASBESTOS-CONTAINING GLAZING} \\ COMPOUND AND CAULKING AND LBP AS INDICATED IN THE \\ KEYNOTES. \end{array} \begin{array}{c} DISPOSE AS ACM. \end{array}$ |
| | REMOVE ROOF DRAIN WITH ASBESTOS-CONTAINING BITUMINOUS COATING AS INDICATED IN THE KEY NOTES |
| | LEAD ABATEMENT LEGEND |
| | $\begin{bmatrix} - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - $ |
| | REMOVE LEAD-CONTAINING GLAZED CERAMIC BLOCK WALL AS INDICATED IN THE KEYNOTES |
| | REMOVE DOOR WITH LEAD-BASED PAINT AS WHOLE COMPONENT AS INDICATED IN THE KEYNOTES |
| | REMOVE DUCTWORK WITH LEAD-BASED PAINT AS IIIII IIIII WHOLE COMPONENT AS INDICATED IN THE KEY NOTES |
| | ABATEMENT GENERAL NOTES |
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| 9. | THE ABATEMENT CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY HEAT TO THE SPACE DURING PERIODS OF COLD WEATHER TO PROTECT ANY WATER LINES FROM FREEZING. |
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| A5 | REMOVE NON-ASBESTOS WALL BOARD WITH ASBESTOS-CONTAINING ADHESIVE UNDER FULL CONTAINMENT |
| A6 | REMOVE ASBESTOS-CONTAINING PIPE INSULATION, UNDER FULL CONTAINMENT, WHICH IS EXPOSED AS A RESULT OF WALL DEMOLITION |
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| A8 | WHOLE COMPONENT REMOVAL OF ROOF DRAIN PIPE WITH ASBESTOS CONTAINING BITUMINOUS COATING. MATERIAL IS <1 S.F. AND LOCATED AT THE END OF DRAIN PIPE WHERE STEEL GUTTER DOWNSPOUT ENTERS PIPE. |
| A9 | ASBESTOS-CONTAINING FLOOR TILE AND MASTIC IS NOT AFFECTED BY THIS PROJECT. |
| L1 1 2 | REMOVE LEAD GLAZED CERAMIC BLOCK WALL |
| LZ L3 | WHOLE COMPONENT REMOVAL OF DUOR WITH LBP |
| Η | HEPA EXHAUST UNIT LOCATION AND EXHAUST ROUTE |
| <u>н</u> SUI | HEPA EXHAUST UNIT LOCATION AND EXHAUST ROUTE E FOR 100 % CONSTRUCTION DOCUMEN |

HAZARDOUS MATERIALS PLAN - CONSTRUCT PACT CLINIC ASBESTOS/LEAD - FIRST LEVEL || BUILDING 4 FIRST FLOOR PLDT SCALE PROJECT NO. 656-400 DATE: BUILDING No CHECKED BY DRAWN DRAWING ND. 4 BV BV HA002 APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: LOCATION ST. CLOUD VAHCS ST. CLOUD, MN 56303 DVG. DF _____



U.S. Department of Veterans Affairs Veterans Health Administration St. Cloud VA Health Care System

E INSULATION WILL BE EXPOSED AS A EMOLITION. OF ROOF DRAIN PIPE WITH ASBESTOS NG. MATERIAL IS <1 S.F. AND LOCATED RE STEEL GUTTER DOWNSPOUT TILE AND MASTIC IS NOT AFFECTED BLOCK WALL OF DOOR WITH LBP OF DUCTWORK WITH LBP AND EXHAUST ROUTE TRUCTION DOCUMENTS

1 GENERAL NOTES 1.1. CODES AND DESIGN CRITERIA a BUILDING CODE: INTERNATIONAL BUILDING CODE 2018 b RISK CATEGORY IV c THE STRUCTURAL FRAMING INDICATED ON THE FOLLOWING STRUCTURAL DOCUMENTS ARE IMPROVEMENTS TO AN EXISTING STRUCTURE. STRUCTURAL IMPROVEMENTS ARE DESIGNED IN ACCORDANCE WITH THE BUILDING CODE NOTED ABOVE. ALL EXISTING FRAMING SHOWN IS BASED ON THE ORIGINAL STRUCTURAL DESIGN DRAWINGS DATED 1923,1954, & 2019 UNDERPINNING. THE CONTRACTOR SHALL VERIFY IN THE FIELD ALL EXISTING CONDITIONS INCLUDING ALL DIMENSIONS AND ELEVATIONS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY COR OF ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND THE DESIGN DOCUMENTS. THE STRUCTURAL DRAWINGS ARE TO BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS. 1.2. DESIGN LOADS a BASEMENT LL = 150 PSF FIRST FLOOR LOAD LL = 100PSF ROOF / FUTURE SECOND FLOOR LL = 100 PSF b ROOF LOAD CAST-IN CONCRETE LL = 20 PSF SNOW = 45 PSF c SNOW LOAD GROUND SNOW LOAD Pg 50 PSF IMPORTANCE FACTOR Is 1.2 SNOW EXPOSURE FACTOR Ce 1.0 SNOW THERMAL FACTOR Ct 1.0 FLAT ROOF SNOW LOAD Pf 45 PSF d WIND LOADS (ASCE7-10) MWFRS BASIC WIND SPEED 120 mph (3 SEC GUST) **RISK CATEGORY IV** WIND EXPOSURE B INTERNAL PRESSURE COEFFICIENT +/- .18 **COMPONENTS & CLADDING** TRIBUTARY AREA>100 SQUARE FEET ROOF ZONE 1 +16/-24 PSF ROOF ZONE 2 +16/-28 PSF ROOF ZONE 3 +16/-28 PSF TRIBUTARY AREA 10 SQUARE FEE⁻ ROOF ZONE 1 +16/-26 PSF ROOF ZONE 2 +16/-44 PSF ROOF ZONE 3 +16/-66 PSF WALLS (TRIBUTARY AREA > 100 SQUARE FEET) WALL ZONE 4 +24/-26 PSF WALL ZONE 5 +24/-31 PSF e SEISMIC LOADS **RISK CATEGORY IV SEISMIC IMPORTANCE FACTOR 1.5** Ss .079 Sds .084 S1 .022 Sd1 .035 SITE CLASS D SEISMIC DESIGN CATEGORY A BASIC SEISMIC FORCE RESISTING SYSTEM: ORDINARY MOMENT RESISTING REINFORCED CONCRETE MOMENT FRAME RESPONSE MODIFICATION FACTOR R = 3 SEISMIC RESPONSE COEFFICIENT Cs = .01 (ASCE 7-16 1.4) DESIGN BASE SHEAR (LRFD) 12k f BLAST LOAD NOT APPLICABLE g FUTURE ADDITION THE STRUCTURAL FRAMING ON THE CONTRACT DOCUMENTS IS DESIGNED FOR A CONVERSION OF THE ROOF TO A SECOND FLOOR AND ADDITION OF A CAST-IN PLACE CONCRETE ROOF OVER THE NEW SECOND FLOOR. THE FUTURE ADDITION WILL INCLUDE CONVERSION OF THE PRESENT ROOF TO A FLOOR LOADING. 1.3 GENERAL REQUIREMENTS a DEFINITIONS PRIMARY STRUCTURAL SYSTEM IS THE COMPLETED COMBINATION OF ELEMENTS WHICH SERVE TO SUPPORT THE BUILDING'S SELF-WEIGHT. THE APPLICABLE LIVE LOAD, AND THE ENVIRONMENTAL LOADS SUCH AS WIND. SEISMIC. PRE-ENGINEERED STRUCTURAL ELEMENTS ARE STRUCTURAL ELEMENTS WHICH ARE SPECIFIED BY THE OWNER AS DESIGN DELEGATED ITEMS TO BE THE DESIGN RESPONSIBILITY OF A SPECIALTY STRUCTURAL ENGINEER (SSE) SPECIAL INSPECTION IS INSPECTION PERFORMED BY A QUALIFIED PERSON. APPROVED BY THE BUILDING OFFICIAL, FOR THE TYPES OF WORK REQUIRING INSPECTION PER THE GOVERNING CODES AND CONTRACT DOCUMENTS. SPECIALTY STRUCTURAL ENGINEER (SSE) IS A LICENSED PROFESSIONAL/STRUCTURAL ENGINEER, NOT THE SER, WHO IS RESPONSIBLE FOR SEALING PLANS AND DESIGNS FOR PRE-ENGINEERED STRUCTURAL ELEMENTS WHICH ARE NECESSARY FOR THE STRUCTURE TO BE COMPLETED AND THE OWNER HAS DESIGNATED AS DESIGN DELEGATED ITEMS. STRUCTURAL ENGINEER OF RECORD (SER) IS THE STRUCTURAL ENGINEER WHO IS LEGALLY ELIGIBLE TO SEAL THE STRUCTURAL DOCUMENTS FOR A BUILDING PROJECT. THE SER IS RESPONSIBLE FOR THE DESIGN OF THE PRIMARY STRUCTURAL SYSTEM. DESIGNATED REPRESENTATIVE FOR CONSTRUCTION (GENERAL CONTRACTOR) IS RESPONSIBLE FOR THE OVERALL CONSTRUCTION OF THE PROJECT INCLUDING PROJECT SCHEDULING, JOB SITE SAFETY AND MEANS AND METHODS OF CONSTRUCTION. CONTRACTING OFFICER'S REPRESENTATIVE (COR) SPECIAL INSPECTOR: A QUALIFIED PERSON EMPLOYED OR RETAINED BY AN APPROVED AGENCY AND APPROVED BY THE BUILDING OFFICIAL AS HAVING THE COMPETENCE NECESSARY TO INSPECT A PARTICULAR TYPE OF CONSTRUCTION REQUIRING SPECIAL INSPECTION. b THE STRUCTURAL DRAWINGS ARE TO BE USED IN CONJUNCTION WITH THE SPECIFICATIONS. c THE CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL AND ARCHITECTURAL DRAWINGS AND WITH THE MECHANICAL CONTRACTOR. THE LOCATION OF ALL MECHANICAL EQUIPMENT. d THE CONTRACTOR SHALL NOTIFY COR IF THE WEIGHTS OF MECHANICAL UNITS ETC. ARE DIFFERENT FROM THE WEIGHTS POSTED ON THE DESIGN DRAWINGS. DISCREPANCIES SHALL BE RESOLVED BEFORE PROCEEDING WITH CONSTRUCTION. e THE CONTRACTOR SHALL NOTIFY COR IMMEDIATELY OF ANY DISCREPANCIES

TO AVOID THE POSSIBILITY OF UNNECESSARY FUTURE PR POSSIBLE FIELD ORDERS. FAILURE TO DO SO WILL PUT THE RESPONSIBILITY OF CORRECTION ON THE COR. f THE CONTRATOR SHALL COORDINATE THE WORK OF ALL NECESSARY INVESTIGATIONS AND FIELD MEASUREMENTS

- g DO NOT SCALE DRAWINGS. h THE SER HAS NO SUPERVISORY RESPONSIBILITY, HAS NO RESPONSIBILITY FOR THE MEANS, METHODS, TECHNIQUE
- SEQUENCE OF CONSTRUCTION, HAS NO RESPONSIBILITY OF ANY CONTRACTOR TO PERFORM THE WORK IN ACCOR DESIGN DOCUMENTS AND NO RESPONSIBILITY TO DEVISE ENFORCE ANY SAFETY PRECAUTIONS OR PROGRAMS FOR ANY SHORING PROCEDURES INDICATED ON THE DESIGN
- CONCEPUAL ONLY AND SHALL BE CONFIRMED BY THE GE CONTRACTOR'S STRUCTURAL ENGINEERS. 1.4 SLEEVES, ANCHORAGES, OPENINGS, ETC.
- a IN GENERAL, STRUCTURAL DRAWINGS DO NOT SHOW EQU DRAINS, HOLES, ANCHORAGES, INSERTS AND SLEEVES FO THROUGH OR ATTACHED TO CONCRETE OR FRAMING. RE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWIN SPECIFICATIONS. ADJUST EQUIPMENT PADS AND SUB FRA EQUIPMENT FURNISHED. b PROVIDE SUB FRAMING FOR EQUIPMENT SUPPORTED ON
- FROM THE STRUCTURE
- 1.5 STRUCTURAL STABILITY AND CONSTRUCTION a INDIVIDUAL STRUCTURAL COMPONENTS ARE DESIGNED T IN THEIR FINAL ERECTED POSITION AS PART OF THE TOTA STRUCTURE.
- b CONTRACTOR TO PROVIDE TEMPORARY GUYING AND BRA UNTIL ALL CONSTRUCTION AFFECTING LATERAL STABILIT
- c CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR STAE STRUCTURE, ITS PARTS BY USE OF GUYING, BRACING, SH BARRICADES, SAFETY RAILINGS AND DEVICES DURING TH OF CONSTRUCTION.
- d CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL J AND MEANS AND METHOD OF CONSTRUCTION. 1.6 SHOP DRAWINGS AND TEST REPORTS
- a CONTRACTOR SHALL CHECK ALL SHOP DRAWINGS BEFOR SER FOR REVIEW.
- b CONTRACTOR SHALL PREPARE A SHOP DRAWING SUBMIT WITH A MINIMUM OF TWO WEEKS INCLUDED FOR THE SER SUBMITTAL LISTED BELOW.
- c REVIEW BY SER WILL BE FOR CONFORMANCE TO GENERA DESIGN INTENT ONLY. d CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ACCU
- DIMENSIONS, FABRICATION, FIT UP OF PARTS AND BILLS (e CONTRACTOR SHALL COORDINATE WORK OF VARIOUS TRA
- NECESSARY FIELD MEASUREMENTS.
- f THE CONTRACT SPECIFICATIONS PROVIDE A COMPLETE L SUBMITTALS. THE FOLLOWING IS A SUMMARY OF THE REC SUBMITTALS: CONCRETE
- CONCRETE MIX DESIGNS WITH ASSOCIATED HISTORICAL REINFORCING STEEL PLACEMENT DRAWINGS PER ACI 315 STRUCTURAL STEEL
- STRUCTURAL STEEL SHOP DRAWINGS CONNECTION DESIGN SIGNED AND SEALED BY LICENS COLD FORMED METAL FRAMING
- COLD FORMED SHOP DRAWINGS
- DESIGN CALCULATIONS SIGNED AND SEALED BY LICE MISCELLANEOUS METALS (STAIRS/HANDRAIL/GUARD RAIL STRUCTURAL STEEL SHOP DRAWINGS DESIGN CALCULATIONS SIGNED AND SEALED BY LICE
- 1.7 DEFERRED SUBMITTALS OWNER SPECIFED DESIGN DELE
- COMPONENTS TO BE PROVIDED BY CONTRACTOR'S ENGI a CERTAIN COMPONENTS OF THE COMPLETED CONSTRUCT DELEGATED TO THE MANUFACTURER OF THE COMPONEN MANUFACTURER'S SSE SHALL BE RESPONSIBLE FOR THE COMPONENT. THE FOLLOWING ARE DESIGNATED TO BE D
- COMPONENTS ON THIS PROJECT: b STRUCTURAL STEEL CONNECTIONS
- c COLD FORMED STEEL FRAMING
- d TEMPORARY SHORING AND BRACING SIGNED BY MN PE AI RECORD PURPOSES ONLY. f TEMPORARY EARTH RETENTION SYSTEMS
- g OTHER WORK AS LISTED ON DRAWINGS, SPECIFICATIONS INDUSTRY STANDARDS. WHERE DELEGATION OF DESIGN h THE MANUFACTURER SHALL BE RESPONSIBLE FOR RETAI OF A LICENSED SPECIALTY STRUCTURAL ENGINEER (SSE HAVING JURISDICTION. THE SSE SHALL DESIGN AND DETA TO MEET GOVERNING BUILDING CODES, STANDARDS AND PERFORMANCE CRITERIA. SIGNED AND SEALED CALCULA SUBMITTED FOR RECORD. THE DESIGN DELEGATED SSE S RESPONSIBLE FOR THE DESIGN OF THE COMPONENT.
- i SSE SUBMITTALS WILL BE REVIEWED BY THE SER FOR LC AND GENERAL CONFORMANCE TO THE PRIMARY STRUCTU
- 1.8 DEMOLITION a THE ARCHITECTURAL/STRUCTURAL DEMOLITION DRAWIN GENERAL AREAS OF DEMOLITION. THE DRC SHALL VERIFY ITEMS TO BE REMOVED TO MEET THE REQUIREMENTS OF DOCUMENTS.
- b THE DRC SHALL CAREFULLY REMOVE ONLY THE EXISTING ON THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. c IN NO CASE SHALL THE REMOVAL OF ANY PORTION OF TH
- STRUCTURE BE PERFORMED IN SUCH A WAY AS TO AFFE STRUCTURAL INTEGRITY OF THE REMAINING PORTION OF
- d THE CONTRACTOR SHALL NOTIFY THE COR IMMEDIATELY STRUCTURAL ITEMS WHICH NEED TO BE DEMOLISHED BU IDENTIFIED ON THE STRUCTURAL OR ARCHITECTURAL DR
- e THE CONTRACTOR SHALL MINIMIZE THE EXTENT OF THE I EXISTING STRUCTURE TO ONLY THAT REQUIRED TO INSTA
- BUILDING MODIFICATIONS.



| ROBLEMS AND | | 2 | FOUN |
|---------------------------------|---|-----------------|---------------|
| IE FULL | 1.9 STRUCTURAL TESTS AND INSPECTIONS (IBC 2018) a AN INDEPENDENT APPROVED AGENCY SHALL PROVIDE SPECIAL INSPECTIONS AND TESTS | 2.1 | GENE |
| TRADES AND MAKE | DURING CONSTRUCTION IN ACCORDANCE WITH CHAPTER 17 OF IBC 2018. | а | SUM |
| S. | b THE APPROVED AGENCY'S SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE TO THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS. | | SHAL |
| | C THE APPROVED AGENCY SHALL KEEP RECORDS OF ALL SPECIAL INSPECTIONS AND TESTS | h | CONT |
| FOR THE FAILURE | d ALL DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE DRC FOR | U | INTEF |
| DANCE WITH THE | CORRECTION. IF UNCORRECTED, THE APPROVED AGENCY SHALL NOTIFY THE BUILDING | | INTEF |
| R THE PROJECT. | e REFER TO IBC 2018 1704.5 FOR SUBMITTALS TO THE BUILDING OFFICIAL IN ADDITION TO THE | С | STRIF |
| NERAL | REPORTS. f THE APPROVED AGENCY SHALL SUBMIT A FINAL REPORT STATING WHETHER THE WORK | d | ENGI |
| | REQUIRING SPECIAL INSPECTION WAS IN CONFORMANCE WITH THE APPROVED CONTRACT | | AND I |
| JIPMENT PADS, | DOCUMENTS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THIS CODE. QUALITY CONTROL SHALL BE THE RESPONSIBILITY OF THE FABRICATOR/ERECTOR IN | е | LOCA |
| DR ITEMS PASSING FER TO | ACCORDANCE WITH AISC360-10 CHAPTER N. | ſ | DIRE(|
| | h JOB SITE VISITS BY THE SER DO NOT CONSTITUTE AN OFFICIAL SPECIAL INSPECTION. | t a | MAIN |
| | | h | CONT |
| OR SUSPENDED | | i | |
| | | · | DEPT |
| L COMPLETED | STATEMENT OF SPECIAL INSPECTIONS: | i | |
| ACING AS REQUIRED | ACI530-13 CHAPTER 3,) FOR ADDITIONAL DESCRIPTIONS OF REQUIREMENTS. | J | CAPA |
| Y IS COMPLETED. | b STRUCTURAL OBSERVATIONS FOR SEISMIC NOT REQUIRED c STRUCTURAL OBSERVATIONS FOR WIND NOT REQUIRED VASD = 93mph EXP_B | k | DO NO |
| IORING, | d THE FOLLOWING LIST OF MATERIALS AND WORK REQUIRE SPECIAL INSPECTIONS (P) PERIODIC; | | CONT |
| E ENTIRE PERIOD | (C) CONTINUOUS | I | ALL S |
| IOB SITE SAFETY | STRUCTURAL STEEL (1705.2 - AISC360-10 CHAPTER N) | 2.2 | SHOF |
| | 1 INSPECTION TASKS PRIOR TO WELDING SHOP/FIELD (AISC360-10 TABLE N5.4-1 & AWS D1.1) | а | SHOF |
| RE SUBMITTAL TO | b FIT UP GROOVE AND FILLET WELDS (P) | | ITEMS |
| TAL SCHEDULE | C CONFIGURATION OF ACCESS HOLES (P) | | ENGI |
| 'S REVIEW OF EACH | a QUALIFIED WELDERS (C) | b | DRAV |
| L LAYOUT AND | b CONTROL AND HANDLING OF CONSUMABLES (C) c NO WELDING OVER TACK WELDS (C) | | CONT |
| JRACY OF | d ENVIRONMENTAL CONDITIONS (C) | d | SUBN |
| OF MATERIALS. PADES AND MAKE | f WELDING TECHNIQUES (C) | 3 | CONC |
| | 3 INSPECTION TASKS AFTER WELDING SHOP/FIELD (AISC360-10 TABLE N5.4-3 & AWS D1.1) a WELDS CLEANED (C) | 3.1 | CAST |
| ISTING OF QUIRED | b SIZE, LENGTH, LOCATION OF WELDS (C) | а | |
| | d CJP GROOVE WELD NDT PER AWS D1.1 (C) | | FOR |
| TEST DATA | 4 INSPECTION TASKS PRIOR TO BOLTING (AISC360-10 TABLE N5.6-1) | | CONT |
| | b PROPER FASTENERS USED PER CONTRACT DOCUMENTS (P) | | CONC |
| | c PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL (P) d CONNECTION ELEMENTS INCLUDING FAYING SURFACES MEET REQUIREMENTS (P) | | MATE STEE |
| SED 58E. | e PROPER STORAGE OF FASTENER COMPONENTS (P) | | REIN |
| INSED SSE | a FASTENER ASSEMBLIES, OF SUITABLE CONDITION, PLACED IN ALL HOLES AND POSITIONED AS | D | REIN |
| /LADDERS ETC.) | REQUIRED (P). b JOINT BROUGHT TO SNUG TIGHT CONDITION (P) | | |
| INSED SSE. | c FASTENER COMPONENT NOT TURNED BY WRENCH PREVENTED FROM ROTATING (P) | | PORT |
| EGATED | 6 INSPECTION TASKS AFTER BOLTING (AISC360-10 TABLE N5.6-3) | | AGGF |
| ION ARE DESIGN | a DOCUMENT ACCEPTED OR REJECTED BOLTED CONNECTIONS (C) 7 INSPECTION OF ANCHOR RODS IN CONFORMANCE WITH CONTRACT DOCUMENTS (P) | | WATE |
| T. THE DESIGN OF THE | 8 INSPECTION OF STEEL FRAME/CONNECTION DETAILS IN CONFORMANCE WITH CONTRACT | | ADMI AIR F |
| ESIGN DELEGATED | 9 INSPECTION OF STEEL ELEMENTS OF COMPOSITE CONSTRUCTION PRIOR TO CONCRETE | | CHEN |
| | PLACEMENT (AISC360-10 TABLE N6.1) | | AIR C |
| | b PLACEMENT OF STEEL HEADED STUD (C) | | CON |
| | c DOCUMENT ACCEPTANCE OR REJECTION (C) 10 INSPECTION OF METAL DECK DIAPHRAGM CONNECTIONS TO STEEL FRAMING (P) | | |
| AND CUSTOMARY | 11 OPEN WEB STEEL JOISTS (IBC 2018 TABLE 1705.2.3) | С | EXEC |
| IS SPECIFIED, | b BRIDGING (P) | | |
| IN THE STATE | C MEMBER SIZES IN ACCORDANCE WITH CONTRACT DOCUMENTS (P) | | CON |
| AIL COMPONENTS | a MATERIAL GRADES (P) | | |
| TIONS SHALL BE | b FRAMING DETAILS AND CONNECTIONS PER CONTRACT DOCUMENTS (P) | | FORM |
| SHALL BE SOLELY | CONCRETE CONSTRUCTION (IBC 2018 TABLE 1705.3) | | LAP S WELF |
| | 1 REINFORCEMENT PLACEMENT (P) 2 REINFORCING BAR WELDING (P) | | LOCA |
| URAL STSTEM. | 3 ANCHORS CAST IN CONCRETE (P) | | RECO |
| GS INDICATE THE | a ADHESIVE (C) | | APPR |
| THE CONTRACT | b MECHANICAL (P) | | HOOP |
| GITEMS IDENTIFIED | 6 STRENGTH, SLUMP, AIR, TEMPERATURE TEST OF CONCRETE PRIOR TO PLACEMENT (C) | | HOO |
| | 7 CONCRETE PLACEMENT (C) 8 VERIEV MAINTENANCE OF SPECIFIED CURING TEMPEDATURE AND TECHNIQUES (D) | | UNLE |
| CT THE | 9 INSPECT ERECTION OF PRECAST MEMBERS INCLUDING CONNECTIONS (P) | | |
| THE BUILDING. OF ANY | 10 INSPECT FORMWORK (P) | | TOLE |
| | | 4 | MASC |
| AVVINGS. DEMOLITION TO THE | SOILS (IBC 2018 TABLE 1705.6) | 4.1 а | UN GF |
| ALL THE NEW | 1 VERIFY BEARING CAPACITY BELOW SHALLOW FOUNDATIONS (P) | ŭ | MA |
| | 2 VERIFY EXCAVATIONS EXTEND TO PROPER DEPTH AND REACHED PROPER MATERIAL (P). 3 PERFORM CLASSIFICATION AND TESTING OF COMPACTED MATERIAL (P) | | ST(AS |
| | 4 VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED MATERIAL (C) | | SH |
| | 5 PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS | | STI FOI |
| | BEEN PROPERLY PREPARED (P) 6 VERIFY SOIL IMPROVEMENT HAS BEEN PERFORMED PROPERLY (P) | | RE |
| | | | FUI Thi |
| | | | |



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| FOUNDATIONS | |
|-------------|--|
| GENERAL | |

- SUMMARY OF GEOTECHNICAL DESIGN VALUES SHALLOW STRIP AND SPREAD FOOTINGS
- PRESUMPTIVE ALLOWABLE SOIL BEARING PRE CONTRACTOR SHALL LOCATE ALL EXISTING BE INTERFERENCES PRIOR TO START OF WORK. INTERFERENCE.
- STRIP TOPSOIL OVER THE ENTIRE BUILDING AF PROOF ROLL SITE. ALL SOFT AREAS TO BE RE ENGINEERED FILL PLACED. TESTING SERVICE
- AND ENGINEERED FILL. COMPACT FILL TO 95% HAND TAMPERS WITHIN 10' OF EXISTING STRU LOCATE BELOW GRADE INTERFERENCES AND DIRECTED BY COR.
- PROTECT ALL EXPOSED SURFACES
- MAINTAIN ALL EXCAVATIONS FREE OF WATER CONTRACTOR SHALL BE RESPONSIBLE FOR AL EXCAVATIONS.
- ALL SHALLOW FOUNDATIONS SHALL BE LOCATE DEPTH TO PROVIDE ADEQUATE FROST COVER REQUIREMENTS.
- A GEOTECHNICAL TESTING SERVICE SHALL CO CAPACITIES PRIOR TO PLACEMENT OF CONCRE
- DO NOT BACKFILL BEHIND BASEMENT WALLS I COMPLETED UNLESS TEMPORARY BRACING/SH CONTRACTOR'S SSE.
- ALL STRUCTURAL FILL AND GENERAL FILL SHAI TESTING SERVICE.
- SHORING AND UNDERPINNING FOUNDATIONS
- SHORING AND UNDERPINNING ARE DESIGNATE ITEMS AND SHALL BE DESIGNED BY THE CONT ENGINEER AND LICENSED MN PROFESSIONAL
- ANY UNDERPINNING OR SHORING PROCEDUR DRAWINGS ARE CONCEPTUAL ONLY AND SHAL CONTRACTOR'S GEOTECHNICAL AND STRUCT
- SUBMIT SHORING AND UNDERPINNING PROCE CALCULATIONS TO THE ARCHITECT FOR RECO
- CONCRETE CONSTRUCTION CAST IN PLACE CONCRETE
- GENERAL REQUIREMENTS ALL WORK SHALL CONFORM TO ALL REQUIREM FOR STRUCTURAL CONCRETE, EXCEPT AS MO CONTRACT DOCUMENTS. SUBMITTALS CONCRETE MIXES WITH HISTORICAL TEST DAT
- MATERIAL CERTIFICATES: CEMENT, AGGREGA
- REINFORCING STEEL PLACEMENT DRAWINGS
- RODUCTS REINFORCING BARS: ASTM A615 GRADE 60 REINFORCING BARS WELDABLE: ASTM A706 GR
- PLAIN WIRE FABRIC: ASTM A185 PORTLAND CEMENT: ASTM C150 TYPE I OR II. AGGREGATES: ASTM C33
- LIGHTWEIGHT AGGREGATE ASTM C330 WATER: POTABLE ASTM C94
- ADMIXTURES
- AIR ENTRAINING ASTM C260
- CHEMICAL ADMIXTURES ASTM C 494 AIR CONTENT FOR CONCRETE EXPOSED TO WE SLUMP: 4"
- CONCRETE STRENGTH: F'C 4,000 PSI AT 28 DAY MIXING PER ASTM C94
- CURING COMPOUNDS: ASTM C309 OR C1315
- EXECUTION CONCRETE COVER
- CONCRETE CAST AGAINST AND PERMANENTL CONCRETE EXPOSED TO EARTH OR WEATHER CONCRETE NOT EXPOSED TO WEATHER 1-1/2" ALL FOOTINGS, WALL FOOTINGS, GRADE BEAM
- FORMED UNLESS NOTED. LAP SPLICE LENGTHS PER ACI 318 CHAPTERS WELDED WIRE FABRIC SHALL BE LAPPED ONE LOCATE JOINTS AS SHOWN ON PLANS; WHERE CONSTRUCTION JOINTS SHALL BE PLACED IN RECOMMENDATIONS I.E., A MAXIMUM PANEL S
- APPROXIMATELY THREE TIMES THE THICKNES DIRECTIONS. HOOK ENDS OF BARS INTERRUPTED BY OPENI HOOK TOP BARS AT ALL CONCRETE EDGES. A PROVIDE 2-#5 BARS X OPENING WIDTH PLUS 4
- UNLESS SHOWN OTHERWISE. PLACEMENT OF CONCRETE IN COLD WEATHER PLACEMENT OF CONCRETE IN HOT WEATHER
- TOLERANCES SHALL MEET ACI 117, ACI 301 ANI MASONRY CONSTRUCTION
- UNIT MASONRY GENERAL
- MASONRY CONSTRUCTION AND MATERIALS STORAGE, HANDLING, PREPARATION AND P ASSURANCE FOR MATERIALS AND MASONR' SHALL COMPLY TO ALL REQUIREMENTS OF STRUCTURES" (ACI 530.1/ASCE 6/TMS 602) E
- FOLLOWING NOTES. REFER TO THE PROJECT SPECIFICATIONS F FULL ALLOWABLE STRESSES WERE USED FO THEREFORE ALL MASONRY WORK SHALL BE
- MEASURES WILL BE IMPLEMENTED. DEFINITIONS (SEE ACI 530.1)
- REFERENCES (SEE ACI 530.1) COMPRESSIVE STRENGTH OF MASONRY F'M SUBMITTALS
- MIX DESIGNS AND TEST RESULTS FOR MORT MIX DESIGNS AND TEST RESULTS FOR GROU MATERIAL CERTIFICATES: QUALITY ASSURANCE
- TESTING AGENCY SHALL COMPLY WITH THE
- MATERIALS MORTAR: CONFORM TO ASTM C270 TYPE S P ALKALI PER ASTM C150
- NON-AIR ENTRAINED OR HYDRATED LIME PE GROUT : CONFORM TO ASTM C476 WITH A CC AT 28 DAYS.
- MASONRY UNITS NORMAL WEIGHT 2 CELLS REINFORCING STEEL PER ASTM A615 JOINT REINFORCING PER ASTM A 951
- WELDED WIRE FABRIC PER ASTM A185 ANCHOR BOLTS HEADED ASTM A307.
 - APPROVED: PROJECT COR

| 3 | | STEEL LINTELS ASTM A36 (A992 WIDE FLANGE SHAPES). GALVANIZE ALL LINTELS IN EXTERIOR WALLS. |
|---|----------|---|
| SSURE 4,000 PSF | | ACCESSORIES (SEE ACI 530.1) MIXING (SEE ACI 530.1) |
| ELOW GRADE UTILITIES AND NOTIFY THE SER OF ANY | | FABRICATION ALL LINTELS AND STEEL CONSTRUCTION ADJACENT TO OR ABUTTING MASONRY SHALL BE PROVIDED WITH GALVANIZED MASONRY TIES AT 16" O.C. PROVIDE 5/8" |
| REA. | | DIAMETER X 4" STUDS @ 32" O.C. ON TOP OF ALL WIDE FLANGE AND CHANNEL LINTELS. |
| MOVED AND COMPACTED TO CONFIRM COMPACTION | С | EXECUTION INSPECTION (SEE ACI 530.1) |
| MODIFIED PROCTOR. USE CTURES. | | DO NOT WET CONCRETE MASONRY UNITS BEFORE PLACING REINFORCEMENT: PLACE REINFORCEMENT IN GROUT SPACES WITH REBAR POSITIONERS PRIOR TO |
| REMOVE OR RELOCATE AS | | PLACING GROUT. REINFORCEMENT SPLICES SHALL BE LAPPED 48 TIMES THE BAR DIAMETER BUT NOT LESS THAN18". |
| CONTINUOUSLY | | MASONRY ERECTION CONSTRUCT MASONRY IN RUNNING BOND UNLESS NOTED |
| L SHORING/BRACING OF | | ALL MASONRY SHALL BE FULL BEDDED IN MORTAR (FACE AND WEBS). |
| ED SHALL BEAR AT SUFFICIENT AGE PER LOCAL | | PROVIDE CONTINUOUS GALVANIZED, HORIZONTAL MASONRY REINFORCING AT 16" ON CENTER (ALTERNATE CMULCOURSES) MINIMUM |
| NFIRM ALL SOIL BEARING | | UNDER ALL BEAM AND JOIST BEARINGS, FILL UNITS 2 CMU COURSES DEEP X 32" |
| | | AT ALL SILLS, AT TOPS OF ALL WALLS AND 8'-0" O.C. VERTICAL. |
| LL BE REVIEWED BY THE | | WALLS ADJACENT TO OR ABUTTING MASONRY CONSTRUCTION. PROVIDE A MINIMUM OF 2 - #5 VERTICAL BARS FOR THE FULL HEIGHT OF MASONRY |
| | | WALLS AT ENDS OF WALLS, EACH SIDE OF OPENINGS AND EACH SIDE OF CONTROL JOINTS UNLESS NOTED. |
| ED AS A DELEGATED DESIGN RACTOR'S GEOTECHNICAL | | PROVIDE VERTICAL CONTROL JOINTS AT A MINIMUM SPACING OF 1-1/2 TIMES THE HEIGHT OF THE WALL OR 20'-0" WHICHEVER IS LESS. REFER TO ARCHITECTURAL DRAWINGS. |
| ENGINEER. ES INDICATED ON THE DESIGN | | ALL OPENINGS IN MASONRY WALLS SHALL HAVE A LINTEL PER THE LINTEL SCHEDULE. LINTELS SHALL HAVE A MINIMUM BEARING OF 8" UNLESS NOTED. ALL NON-LOAD BEARING CMU WALLS SHALL BE CONSTRUCTED ON 10" THICK BY 24" |
| JRAL ENGINEERS. | | WIDE. THICKENED SLABS; REINFORCE WITH 2-#5 CONTINUOUS BARS AND PROVIDE #5 |
| DURES AND MN PE SEALED RD PURPOSES ONLY. | | DOWELS AT 24" ON CENTER FOR THE CMU REINFORCING UNLESS NOTED OTHERWISE. |
| | 5 5 1 | METALS STRUCTURAL STEEL |
| | a | GENERAL |
| DIFIED BY THE REQUIREMENTS OF THE | | "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS", "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS" 2009, "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES," 2010 AND |
| A. TES ADMIXTURES REINFORCING | | AWS D1.1 2010. THE PROVISIONS OF THE ALLOWABLE STRENGTH DESIGN METHOD (ASD) |
| | | WAS USED AS A BASIS FOR DESIGN. ALL FORCES/REACTIONS INDICATED ON THE DESIGN DOCUMENTS ARE THEREFORE NON-FACTORED ASD FORCES/REACTIONS. |
| | | THE CONTRACTOR'S STRUCTURAL STEEL DETAILER SHALL PREPARE STEEL ERECTION AND SHOP DRAWINGS IN ACCORDANCE WITH THE |
| | | GUIDELINES AND GOOD PRACTICES NOTED IN THE AISC "DETAILING FOR STEEL CONSTRUCTION " THIRD EDITION |
| | | STEEL CONNECTIONS ARE DESIGNATED AS A DESIGN DELEGATED |
| | | SUBMITTALS |
| | | CHECKED STEEL SHOP DRAWINGS: PREPARED IN ACCORDANCE WITH AISC DETAILING FOR STEEL CONSTRUCTION 3RD ED. |
| EATHER: 4 TO 7%. | | CONNECTION CALCULATIONS PREPARED, SIGNED AND SEALED BY COR'S SSE. |
| (S (NORMAL & LIGHTWEIGHT) | | MATERIAL CERTIFICATES (UPON REQUEST) WELDING CERTIFICATES (UPON REQUEST) |
| | b | MATERIALS ALL STRUCTURAL STEEL SHAPES SHALL BE ASTM A992 (Fy=50 ksi) |
| | | ALL STRUCTURAL STEEL PLATES AND ANGLES SHALL BÈ ÀSTM A36 (Fy=36 KSI). ALL STRUCTURAL TUBES SHALL BE ASTM A500 GRADE B (Ev=46 KSI) |
| (EXPOSED TO EARTH 3" | | ALL STRUCTURAL PIPES SHALL BE ASTM A53 GRADE B (Fy=35 KSI). |
| 2" | | ALL WELDING SHALL CONFORM TO AMERICAN WELDING SOCIETY |
| IS AND PILE/CAISSON CAPS SHALL BE | | ALL WELD ELECTRODES SHALL BE E70XX AND ALL WELDING SHALL BE |
| 12 USING A CLASS B SPLICE. ALL GRID MINIMUM | | PERFORMED BY CERTIFIED WELDERS. ALL WELDING SHALL BE TO CLEAN BARE STEEL. |
| NOT SHOWN, CONTROL OR ACCORDANCE WITH ACI | | PROVIDE FULL SIZE 1/4" SETTING PLATES ON 4,000 PSI NON-SHRINK GROUT FOR ALL COLUMNS AND (4)-3/4" DIAMETER ASTM F-1554-36 ANCHOR BOLTS, |
| IZE (IN FEET) EQUAL TO | | UNLESS NOTED. ERECT ALL MEMBERS WITH NATURAL CAMBER UP, EXCEPT FOR CERTAIN |
| | | CANTILEVERED MEMBERS. PROVIDE SUB-FRAMING FOR FOUIPMENT SUPPORTED ON OR SUSPENDED |
| T ALL WALL AND SLAB OPENINGS, | | FROM THE STRUCTURE. |
| | | PAINT MEETING MPI#79 AS A MINIMUM. MASK SURFACES TO BE FIELD WELDED |
| SHALL COMPLY WITH ACI306 SHALL COMPLY WITH ACI305 | | CONNECTIONS. |
| D ACI 318 AS A MINIMUM. | | CONNECTIONS CONNECTIONS SHOWN ON THE DESIGN DRAWINGS ARE CONCEPTUAL ONLY. CONNECTIONS ARE A DELEGATED DESIGN ITEM TO BE DESIGNED BY COR'S |
| INCLUDING COMPOSITION. QUALITY. | | CONNECTIONS SHALL BE IN ACCORDANCE WITH AISC 360-10 USING |
| ACEMENT OF MATERIALS, QUALITY | | ALLOWABLE STRENGTH (ASD) DESIGN BASIS. POSTED CONNECTION FORCES ARE ASD. |
| SPECIFICATIONS FOR MASONRY | | DESIGN SHEAR CONNECTIONS FOR THE LARGER OF POSTED FORCES ON THE DESIGN DRAWINGS AND 50% (75% FOR COMPOSITE BEAMS) OF THE MAXIMUM |
| OR ADDITIONAL REQUIREMENTS | | CONSTRUCTION MANUAL" TABLE 3-6. |
| DR THE ASD DESIGN OF THE MASONRY | | DESIGN MOMENT CONNECTIONS FOR FULL MOMENT CAPACITY OF THE MEMBER OR THE POSTED MOMENT ALONG WITH THE SHEAR LOADS NOTED |
| INSPECTED AND QUALITY ASSURANCE | | ABOVE. AXIALLY LOADED MEMBERS SHALL BE DESIGNED USING THE POSTED LOADS |
| | | AND THE AISC UNIFORM FORCE METHOD. ALL SHEAR CONNECTIONS SHALL BE AS A MINIMUM FULL DEPTH OF MEMBER. |
| SHALL BE 2,500 PSI. (MINIMUM). | | ALL BOLTS SHALL BE ASTM A325 FULLY TENSIONED BEARING BOLTS WITH SHORT SLOTTED HOLES UNLESS NOTED, A325 SLIP CRITICAL BOLTS SHALL BE |
| TAR TO COMPLY WITH ASTM C270 JT TO COMPLY WITH ASTM C476 | | USED FOR ALL MOMENT CONNECTIONS AND AXIALLY LOADED MEMBERS. ALL WELD SIZES SHOWN ARE SIZED FOR LOAD ONLY. WELDS SHALL BE |
| | | INCREASED IN SIZE AS REQUIRED TO MEET AISC MINIMUMS. ALL GROOVE WELDS SHOWN ARE FULL PENETRATION WELDS UNLESS NOTED |
| REQUIREMENTS OF ASTM C 1093. | | OTHERWISE. WELDS NOTED AS PARTIAL PENETRATION GROOVE WEI DS SHOW "EFFECTIVE" |
| PORTLAND CEMENT TYPE 1 OR 2, LOW | | SIZE OF WELD. WEI D JOINTS SHALL BE DETAILED BASED ON PROCESS LISED AND POSITION |
| R ASTM C207 TYPE S. OMPRESSIVE STRENGTH OF 3,000 PSI | ~ | OF WELD TO MEET THE "EFFECTIVE" SIZE SHOWN ON THE DRAWINGS. |
| PER ASTM C90 Fcmu=3250 PSI. | U | VERIFY THAT FIELD CONDITIONS ARE ACCEPTABLE AND ARE READY TO |
| | | STEEL ERECTION TOLERANCES SHALL BE IN ACCORDANCE WITH THE CODE OF STANDARD PRACTICE. |

ENGINEERING DISCIPLINE REFERENCE NOTES

a GENERAL:

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. EQUIVALENCY SUBSTITUTIONS: THE "BASIS OF DESIGN (BOD) COMPLIANCE PROTOCOLS" ARE TO BE FOLLOWED FOR ALL MATERIALS, EQUIPMENT, ASSEMBLIES, AND SYSTEMS SPECIFIED AND DETAILED THROUGHOUT ALL DRAWINGS AND SPECIFICATION SECTIONS WHETHER THE BOD DESIGNATE IS SPECIFICALLY REFERENCED THEREIN OR NOT. SEE THE GENERAL DRAWINGS SECTION FOR THE SPECIFIC BOD COMPLIANCE REQUIREMENTS AND PROTOCOLS TO BE FOLLOWED. 5.2 COLD-FORMED METAL FRAMING

REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS PERFORMANCE REQUIREMENTS AISI "SPECIFICATIONS": CALCULATE STRUCTURAL CHARACTERISTICS OF COLD-FORMED METAL FRAMING ACCORDING TO AISI'S "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" STRUCTURAL PERFORMANCE: ENGINEER. FABRICATE AND ERECT COLD-FORMED METAL FRAMING WITH THE MINIMUM PHYSICAL AND STRUCTURAL PROPERTIES INDICATED ON THE DRAWINGS. DESIGN LOADS: AS INDICATED ABOVE. DESIGN FRAMING SYSTEMS TO WITHSTAND DESIGN LOADS WITHOUT DEFLECTIONS GREATER THAN THE FOLLOWING: INTERIOR WALLS: LATERAL DEFLECTION OF 1/240 OF THE WALL HEIGHT. EXTERIOR WALL: LATERAL DEFLECTION OF 1/600 OF THE WALL HEIGHT. ENGINEERING RESPONSIBILITY: CONTRACTOR TO ENGAGE A FABRICATOR WHO ASSUMES UNDIVIDED RESPONSIBILITY FOR ENGINEERING COLD-FORMED METAL FRAMING BY EMPLOYING A QUALIFIED SSE TO PREPARE DESIGN CALCULATIONS, SHOP DRAWINGS, AND OTHER STRUCTURAL DATA. SUBMITTALS: SUBMIT SHOPS DRAWINGS AND CALCULATIONS SEALED BY A LICENSED STRUCTURAL ENGINEER. ALL WELDING SHALL COMPLY WITH APPLICABLE PROVISIONS OF AWS D1.1 "STRUCTURAL WELDING CODE -- STEEL" AND AWS D1.3 "STRUCTURAL WELDING CODE--SHEET STEEL."

b MATERIALS MANUFACTURERS: SECTIONS INDICATED ON DRAWINGS ARE MINIMUMS AND ARE DESIGNATED USING THE STEEL STUD MANUFACTURER'S UNIVERSAL DESIGNATOR

SYSTEM. MATERIALS: GALVANIZED-STEEL SHEET: ASTM A 653, ZINC COATED ACCORDING TO ASTM A 525 (ASTM A 525M), WITH COATING DESIGNATION: G 90 (Z 275) - EXTERIOR AND GRADE FY= 50 KSL

FRAMING ACCESSORIES: FABRICATE STEEL-FRAMING ACCESSORIES OF THE SAME MATERIAL AND FINISH USED FOR FRAMING MEMBERS, WITH A MINIMUM YIELD STRENGTH OF 50 KSI.

PROVIDE ACCESSORIES OF MANUFACTURER'S STANDARD THICKNESS AND CONFIGURATION, UNLESS OTHERWISE INDICATED. ANCHORS, CLIPS, AND FASTENERS ASTM A36 HOT DIP GALVANIZED PER ASTM A123 POWDER-ACTUATED ANCHORS: FASTENER SYSTEM OF TYPE SUITABLE FOR APPLICATION INDICATED, FABRICATED FROM CORROSION-RESISTANT MATERIALS, WITH CAPABILITY TO SUSTAIN, WITHOUT FAILURE, A LOAD EQUAL TO 10 TIMES THE DESIGN LOAD, AS DETERMINED BY TESTING PER ASTM E 1190 CONDUCTED BY A QUALIFIED

INDEPENDENT TESTING AGENCY. MECHANICAL FASTENERS: CORROSION-RESISTANT COATED, SELF-DRILLING, SELF-THREADING STEEL DRILL SCREWS. HEAD TYPE: LOW-PROFILE HEAD BENEATH SHEATHING, MANUFACTURER'S STANDARD ELSEWHERE.

WELDING ELECTRODES: COMPLY WITH AWS STANDARDS. CONNECTION COMPONENTS TO BE SIMPSON STRONG-TIE FABRICATION: USE MANUFACTURER'S STANDARD SECTIONS (WALL STUDS PUNCHED, TRACKS UN-PUNCHED COMPLYING WITH ASTM A955. TOLERANCES SHALL MEET ASTM C1007 REQUIREMENTS. c EXECUTION

INSTALL COLD-FORMED METAL FRAMING AND ACCESSORIES PLUMB, SQUARE, TRUE TO LINE, AND WITH CONNECTIONS SECURELY FASTENED, ACCORDING TO MANUFACTURER'S RECOMMENDATIONS AND THE REQUIREMENTS OF THIS SECTION. CUT FRAMING MEMBERS BY SAWING OR SHEARING; DO NOT TORCH CUT. FASTEN COLD-FORMED METAL FRAMING MEMBERS BY WELDING OR SCREW FASTENING, AS STANDARD WITH FABRICATOR. WIRE TYING OF FRAMING MEMBERS IS NOT PERMITTED.

COMPLY WITH AWS REQUIREMENTS AND PROCEDURES FOR WELDING, APPEARANCE AND QUALITY OF WELDS. AND METHODS USED IN CORRECTING WELDING WORK. ERECTION TOLERANCES: PER ASTM C1007

| STRUCTL | JRAL ABBREVIATIONS LEGEND: |
|---------|----------------------------------|
| A.B.S | ANCHOR BOLTS |
| ARCH - | ARCHITECTURAL DRAWINGS |
| B/ - | BOTTOM OF |
| BOTT | BOTTOM |
| CGF - | COMPACTED GRANULAR FILL |
| CL - | CENTERLINE |
| CMU - | CONCRETE MASONRY UNITS |
| CONT. | - CONTINUOUS |
| CONC - | CONCRETE |
| E | EXISTING MATERIAL |
| FT - | FOOT |
| HD - | HOLD DOWN |
| HKD - | HOOKED |
| k - | KIP |
| LBS - | POUNDS |
| MEP - | MECHANICAL, ELECTRICAL, P |
| Ν | NEW MATERIAL |
| 0.C | ON CENTER |
| PSF - | POUNDS PER SQUARE FOOT |
| PSI - | POUNDS PER SQUARE INCH |
| PCF - | POUNDS PER CUBIC FOOT |
| RD - | ROOF DRAIN |
| STL - | STEEL |
| SOG - | SLAB ON GRADE |
| T/ - | TOP OF |
| U.N. | UNLESS NOTED |
| VB - | VAPOR BARRIER |
| VIF - | VERIFY IN FIELD |
| W/ - | WITH |
| # - | POUNDS OR NUMBER |
| SSE - | SPECIALTY STRUCTURAL EN |
| SER - | STRUCTURAL ENGINEER OF I |
| DCR/GC | DESIGNATED REPRESENTATI |
| COR - | CONTRACTING OFFICER'S REF |
| | |
| | |

10/28/2022 - ISSUE FOR 100 % CONSTRUCTION DOCUMENTS

| DATE: | APPROVED: SERVICE LINE DIRECTOR | DATE: | APPRIVED: INFECTION CONTROL NURSE DAT | Ë: | DRAWING TITLE STRUCTURAL GENERAL NOTES | P (| PREJECT TITLE CONSTRUCT PACT CLINIC BUILDING 4 FIRST FLOOR | | | DATE: 10/28/22 PLOT SCALE |]]\ /A |
|-------|------------------------------------|---------------|---------------------------------------|---------|---|--------|--|------------|----------------|---|------------|
| | APPROVED: PROJECTS SECTION MANAGER | DATE: | | - E: | APPRUVED: ASSUCIATE HEALTH CARE SYSTEM DIRECTOR DATE: | | BUILDING No | CHECKED BY | DRAWN | PREJECT NEI. 656-400 DRAWING NEI. | |
| | APPROVED: DIRECTOR FMS | DATE: | | Ë: | APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: | | 4 LOCATION ST. C ST. C | LOUD VA | HCS N 56303 | SO10 Dwg. df |] |

ACTED GRANULAR FILL RLINE CRETE MASONRY UNITS ONTINUOUS RETE **FING MATERIAL** DOWN ANICAL, ELECTRICAL, PLUMBING DRAWINGS ERIAL ENTER IDS PER SQUARE FOOT IDS PER SQUARE INCH IDS PER CUBIC FOOT DRAIN ON GRADE

IDS OR NUMBER IALTY STRUCTURAL ENGINEER CTURAL ENGINEER OF RECORD GNATED REPRESENTATIVE FOR CONSTRUCTION RACTING OFFICER'S REPRESENTATIVE







DETAIL 1

7

STEEL COLUMN SCHEDULE NONE

DETAIL 2

| LINTEL | WALL | | LINTEL INFORMATIO | N | REMARKS |
|--------|---------|-------|--------------------|-------------|--|
| MARK | TYPE | SHAPE | SIZE | END BEARING | REPARKS |
| L1 | 8" CMU | | W16X50 + PL. 5/16" | 7" | SEE BEARING PLATE SCHEDULE |
| L2/L2A | 8" CMU | | W8X28 & PL 5/16" * | 6" | SEE BEARING PLATE SCHEDULE L2A SEE 9/S202 |
| L3 | 4" + 8" | | W16x36 + PL. 5/16" | 7" | SEE BEARING PLATE SCHEDULE |
| | | | | | |

NOTE: PROVIDE LINTELS AS SPECIFIED PER LINTEL SCHEDULE. WHERE LINTELS ARE NOT SPECIFIED, SELECT LINTEL FROM SCHEDULE WHICH IS MOST APPROPRIATE FOR CASE INVOLVED. EXTEND LINTELS PAST BRICK AND CAVITY & BEAR COMPLETELY ON CMU. ALL LINTELS IN EXTERIOR CONSTRUCTION SHALL BE HOT-DIP GALVANIZED * REFER TO SECTIONS FOR LOCATIONS WHERE 5/16" PL NOT REQUIRED.

1'-0" 6" CONT. AT ENDS 3/16 2-8 INTERMITTENT ALONG LENGTH ¢L. EXIST. CONC. BEAM

PLATE WELDING

LINTEL SCHEDULE 8 NONE

JOHNSONWILBUR ADAMS, INC. **STRUCTURAL ENGINEERING**

330 S. Naperville Road Suite 300 Wheaton, Illinois 60187

| I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota. |
|--|
| Print Name:Michael J Wilbur |
| Signature: |
| Date 10/28/2022 License # 48456 |

ARCHITECT/ENGINEER OF RECORD < 7700 Nicholas Blvd. Suite 300 Elk Grove Village, IL 60007 T: 847.952.9362 \mathcal{V} www.bancroft-ae.com BANCROFT ARCHITECTS + ENGINEERS BAE PROJECT NO. 18-116

Health Care System

| FOOTING MARK | FOOTING SIZE (WxLxD) | REINFORCING EACH WAY BOTTOM, U.N. | |
|-----------------|-------------------------|--------------------------------------|--|
| F4.0 | 4'-0"x4'-0"x1'-0" | 4-#5 | |
| F5.0 | 5'-0"x5'-0"x1'-3" | 5-#5 | |
| F6.0 | 6'-0"x6'-0"x1'-3" | 7-#7 | |
| F7.0 | 7'-0"x7'-0"x1'-6" | 8-#7 | |
| F10.0 | 10'-0"x10'-0"x2'-0" | 10-#7 | |
| F6.0-10.0 | 6'-0"x10'-0"x2'-0" | 10-#7 SW 7-#7 LW | |
| | | | |

| | BEAM | SI | ZE | CONT. BOTT. | TOP REINFORCING | STIR | RUPS | |
|----------|-------------|-----------|-----------|-------------|-----------------|--------|---------------|-----|
| | MARK | b X | X d | REINF. | | REINF. | SPACING | |
| <u> </u> | 1B1 | 24" | 20" | SEE 1/S201 | SEE 1/S201 | #4 | SEE 1/S201 | COM |
| | 1B2 | 24" | 20" | SEE 1/S201 | SEE 1/S201 | #4 | SEE 1/S201 | - |
| | 1B3 | 24" | 20" | SEE 1/S201 | SEE 1/S201 | #4 | SEE 1/S201 | |
| σ | 1B4 | 18" | 20 | SEE 1/S201 | SEE 1/S201 | #4 | SEE 1/S201 | |
| | 2B1 | 24" | 20" | SEE 1/S201 | SEE 1/S201 | #4 | SEE 1/S201 | COM |
| | 282 | 24" | 20" | SEE 1/S201 | SEE 1/S201 | #4 | SEE 1/S201 | - |
| | 2B3 | 24" | 20" | SEE 1/S201 | SEE 1/S201 | #4 | SEE 1/S201 | |
| | 2B4 | 18" | 20" | SEE 1/S201 | SEE 1/S201 | #4 | SEE 1/S201 | |
| | | | | | | | | |
| | | | | | | L | | |
| | NOTE 1: SEE | 1/S201 FC | JK STIRRU | P SPACING | | | | |

| APPROVED: PROJECT COR | DATE | APPRIVED: SERVICE LINE DIRECTOR | DATE: | APPROVED: INFECTION CONTROL NURSE | DATE | DRAWING TITLE STRUCTURAL | PREJECT TITLE | JCT PACT | CLINIC | DATE: 10/28/22 PLUT SCALE | |
|-----------------------|------|------------------------------------|-------|-----------------------------------|-------|--|---------------|------------|--------|---------------------------------|--|
| | | | DATE: | APPRIVED: PATIENT SAFETY | DATE: | APPRIIVED: ASSIDIATE HEALTH CARE SYSTEM DIRECTOR | BUILDING | 4 FIRST F | LOOR | PREJECT NEL | |
| | | APPROVED: PROJECTS SECTION MANAGER | DATE: | APPROVED: CHIEF OF POLICE | DATE: | DATE: | BUILDING No | CHECKED BY | DRAWN | 056-400 | |
| | | APPRUVED: DIRECTOR FMS | DATE: | APPRUVED: SAFETY MANAGER | DATE: | APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: | LIICATION ST. | | AHCS | S020 | |

| | ISSUE FOR 100% CONSTRUCTION DOCUMENTS | 10/28/ |
|----|---------------------------------------|--------|
| 10 | REVISION | DATE |

JOHNSONWILBUR ADAMS, INC. STRUCTURAL ENGINEERING

330 S. Naperville Road Suite 300 Wheaton, Illinois 60187

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota. Print Name: Michael J Wilbur

| | | TENS | SION | | COMPR | ESSION | |
|----|----|-------|------|-------|-------|--------|--|
| | T | OP | OTH | ER | | | |
| | ld | lst ★ | ld | lst ★ | ldc | lsc | |
| 4 | 25 | 32 | 19 | 25 | 11 | 15 | |
| 5 | 31 | 40 | 24 | 31 | 14 | 19 | |
| 6 | 37 | 48 | 29 | 37 | 17 | 23 | |
| 7 | 54 | 70 | 42 | 54 | 19 | 27 | |
| 8 | 62 | 80 | 48 | 62 | 22 | 30 | |
| 9 | 70 | 90 | 54 | 70 | 25 | 34 | |
| 10 | 78 | 100 | 60 | 77 | 28 | 39 | |
| | | | | | | | |
| | | | | | | | |

fy = 60 ksi; f'c = 4 ksi * - CLASS B LAP = 1.3 x ld

Ist - TENSION LAP SPLICE LENGTH

135° BEND (SEISMIC)

<u>180°</u> BEND

2 STD. SEISMIC HOOK STIRRUPS TIES HOOK ACI 318-19 TABLE 25.3.2

10/28/2022 - ISSUE FOR 100 % CONSTRUCTION DOCUMENTS

| APPROVED: PROJECT COR | DATE | APPROVED: SERVICE LINE DIRECTOR | DATE: | APPROVED: INFECTION CONTROL NURSE | DATE: | DRAWING TITLE STRUCTURAL | PREJECT TITLE | ICT PACT | CLINIC | DATE: 10/28/22 | |
|-----------------------|------|------------------------------------|-------|-----------------------------------|-----------|---|---------------|------------|-------------------|------------------------|--|
| <u></u> | | APPROVED: GEMS PROJECT MANAGER | DATE: | APPROVED: PATIENT SAFETY | DATE: | SCHEDULES | BUILDING | 4 FIRST F | LOOR | PLOT SCALE | |
| | | | | | | APPRUVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR | | | | PREJECT NE. 656-400 | |
| | | APPROVED: PROJECTS SECTION MANAGER | DATE: | APPROVED: CHIEF OF POLICE | DATE: | APPRIIVED: CHIEF DF STAFF DATE: | BUILDING No | CHECKED BY | DRAWN | DRAWING NO. | |
| | | APPROVED: DIRECTOR FMS | DATE: | APPROVED: SAFETY MANAGER | Date: | | | | | S021 | |
| | | | | | | | ST. | CLOUD V | AHCS /IN 56303 | DWG. OF | |

GREATER 4d_b & 2.5"

Administration *St. Cloud VA* Health Care System

JOHNSONWILBUR ADAMS, INC. STRUCTURAL ENGINEERING

330 S. Naperville Road Suite 300 Wheaton, Illinois 60187

ISSUE FOR 100% CONSTRUCTION DOCUMENTS 10/28/22 DATE REVISION

STRUCTURAL - PLAN - FOUNDATION SB100 / 1/8"=1'-

> NOTE: FACE OF FOUNDATION WALL PROJECTS 1" IN FRONT OF F/ MASONRY ALL FOUR SIDES OF COURTYARD, TYPICAL

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota. Print Name: Michael J Wilbur Signature: /// Date 10/28/2022 ___License #____48456

- OF THE EXISTING FOOTING FOR A NEW 4"Ø PIPE.

| APPROVED: PROJECT COR | DATE: | APPROVED: SERVICE LINE DIRECTOR | DATE: | APPROVED: INFECTION CONTROL NURSE | DATE: | DRAWING TITLE STRUCTURAL - PLAN - | PREJECT TITLE CONSTRU | CT PACT | CLINIC | DATE: 10/28/22 | |
|-----------------------|-------|------------------------------------|-----------|-----------------------------------|-----------|--|--------------------------|------------|-------------------------|------------------------|----|
| | | APPROVED: GEMS PROJECT MANAGER | Date: | | Date: | FOUNDATION | BUILDING | 4 FIRST F | LOOR | PLOT SCALE | |
| | | | | | | APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: | | | | PREJECT NE. 656-400 | VA |
| | | APPROVED: PROJECTS SECTION MANAGER | DATE: | APPRUVED: CHIEF OF POLICE | DATE: | APPROVED: CHIEF DF STAFF DATE | BUILDING No | CHECKED BY | DRAWN | DRAWING ND. | |
| | | APPROVED: DIRECTOR FMS | DATE: | APPROVED: SAFETY MANAGER | DATE: | APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE | | | | SB100 |] |
| | | | | | | | ST. | CLOUD VI | Ancs <u>IN 56303</u> | DWG. DF | |

ISSUE FOR 100% CONSTRUCTION DOCUMENTS 10/28/22 DATE REVISION

JOHNSONWILBUR ADAMS, INC. **STRUCTURAL ENGINEERING**

330 S. Naperville Road Suite 300 Wheaton, Illinois 60187

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota. Print Name: Michael J Wilbur Signature: // Date 10/28/2022 ____License #_____48456

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS

700 Nicholas Blvd. Suite 300 Elk Grove Village, IL 60007 T: 847.952.9362 www.bancroft-ae.com BAE PROJECT NO. 18-116

10/28/2022 - ISSUE FOR 100 % CONST

| APPRIIVED: PRIJECT CIR | DATE | APPROVED: SERVICE LINE DIRECTOR | DATE: | Approved; infection control nurse | DATE: | DRAWING TITLE STRUCTURAL - PLAN - | | T TITLE ISTRU | JCT PACT | CLINIC | DATE: 10/28/22 | |
|------------------------|------|------------------------------------|-----------|-----------------------------------|-----------|---|---------|------------------|------------|--------|------------------------|--|
| | | | Date: | APPROVED: PATIENT SAFETY | DATE: | FIRST FLOOR FRAMING | BUIL | DING | 4 FIRST I | LOOR | PLOT SCALE | |
| | | | | | | APPRIVED: ASSUCIATE HEALTH CARE SYSTEM DIRECTOR | | | | | PREJECT NE. 656-400 | |
| | | APPROVED: PROJECTS SECTION MANAGER | DATE: | APPROVED: CHIEF OF POLICE | DATE: | APPROVED: CHIEF OF STAFF DATE: | BUILDIN | (G No | CHECKED BY | DRAWN | DRAWING NO. | |
| | | | Date: | | Date: | | | 4 | | | SF101 | |
| | | | | | | APPROVED: HEALTH CARE SYSTEM DIRECTOR DATE: | | NST. ST | | AHCS | | |

| HEET NOTES | |
|--|---------------|
| JRE ALL CONFLICTS FOR INSTALLATION DDIFY EXISTING IS INCLUDED IN BID | |
| FER TO NOTE $\left< 8 \right>$ BELOW. | |
| (13) | |
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| E | |
| Y NOTES (#) | |
| WAY, TOP & BOTT., TYP. & #6@6" O.C. EACH WAY, TOP & BOTT. | |
| J. IFY OPENING SIZE AND LOCATION. | |
| PER 5/S202 PRIOR TO CAREFULLY SAWCUTTING NEW OPENING TO | |
| NT LEVEL FOR NEW OPENING. LL BETWEEN THE BASEMENT AND FIRST FLOOR LEVEL. | |
| TION AND OPENING WIDTH AND HEIGHT. ING SLAB SURFACE TO 1/4" AMPLITUDE, CLEAN SURFACE, AND | |
| CRETE FILL. FIELD VERIFY EXISTING DEPTH OF DEPRESSED AREA | |
| LL PRIOR TO PLACING INFILL. REFER TO 3/S202. | |
| SEE COLUMN SCHEDULE 7/S020. TE LOCATION AND SIZE WITH ARCHITECTURAL AND MECHANICAL | |
| OF OPENING. EXTEND 3' BEYOND EDGE OF OPENING. ARS AT CORNERS. | |
| E WITH 2-#5 VERTICAL BARS WITH MATCHING DOWELS FROM THE | |
| | |
| WITH 2-#5 VERTICAL BARS WITH MATCHING DOWELS FROM THE 18/S202. | |
| IZU AND 9/SZUZ. | |
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| U.S. Departm of Veterans A | ent ffairs |
| Veterans Hea Administratio | llth on |
| St. Cloud VA | stem |
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JOHNSONWILBUR ADAMS, INC. STRUCTURAL ENGINEERING

330 S. Naperville Road Suite 300 Wheaton, Illinois 60187

ISSUE FOR 100% CONSTRUCTION DOCUMENTS DATE REVISION

1 SF102 1/8"=1'-0" SF102 1/8"=1'-0"

-I hereby certify that this plan, specification, or report 🕂 was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota. Print Name: Michael J Wilbur Signature: // /// Date 10/28/2022 __License #____48456

ARCHITECT/ENGINEER OF RECORD

700 Nicholas Blvd. Suite 300 Elk Grove Village, IL 60007 T: 847.952.9362 www.bancroft-ae.com BAE PROJECT NO. 18-116

APPROVED: PROJECT COR

GENERAL SH

| CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID TO ENSURI OF NEW WORK HAS BEEN IDENTIFIED AND ANY WORK REQUIRED TO MODI PRICE. |
|--|
| (E) - INDICATES EXISTING CONSTRUCTION; VERIFY IN FIELD (N) - INDICATES PROPOSED NEW CONSTRUCTION |
| INFILL WINDOW OPENING BELOW WITH CMU. REFE |
| HATCH INDICATES NEW CMU PIER PER 10 & 2 |
| RD - ROOF DRAIN COORDINATE WITH PLUMBING. |
| CC? C? REFER TO 1 & 7/S020 FOR COLUMN SCHEDULE |
| S? B? REFER TO 5&9/S020 FOR SLAB AND BEAM SCHEDULE |
| L? BP? REFER TO 4 & 8/S020 FOR LINTEL AND BEARING PLATE SCHEDULE |
| EL 111'-6" TOP OF CONCRETE TO MATCH EXISTING. |
| |
| |

SHEET KEY

| \rangle | PROVIDE 10" CONCRETE SLAB REINFORCED WITH #6@12" O.C. EAC AT CANTILEVERED SLAB & 5/S020 |
|--------------|--|
| \rangle | PROVIDE 8"x8" MASONRY PIER. GROUT SOLID AND REINFORCE WI FOUNDATION. EPOXY DOWELS WITH HILTI RE500V3. SEE DETAIL 3 |
| \rangle | INFILL EXISTING WINDOW OPENINGS BELOW 2ND FLOOR WITH CM |
| \rangle | PROVIDE LENTON COLUMN REBAR COUPLERS WITH TEMPORARY F |
| \rangle | CAREFULLY SAWCUT NEW OPENING IN EXISTING MASONRY WALL. LOCATION AND OPENING WIDTH AND HEIGHT. SHORE AS REQUIRE |
| \rangle | PROVIDE NEW STEEL COLUMN FROM FIRST FLOOR, SEE SCHEDUL |
| \rangle | NOT USED |
| \rangle | PROVIDE SLAB OPENING PER 6/S202 |
| \rangle | PROVIDE LOUVER OPENINGS IN SLAB. COORDINATE SIZE AND LOO AND BOTTOM EACH SIDE OF OPENING. EXTEND MINIMUM 3' BEYON DIAGONAL CORNER BARS AT EACH CORNER. |
| \mathbf{D} | PROVIDE 8"x16" MASONRY PIER. GROUT SOLID AND REINFORCE W FOUNDATION. EPOXY DOWELS WITH HILTI RE500V3. SEE DETAIL 3 |

- (11) INFILL EXISTING SLAB OPENING PER DETAIL 1/S202. FIELD VERIFY (12) CONCEPTUAL LAYOUT OF LIFT SUPPORT AND BRACING. SEE 2/S20
- 13 PROVIDE NEW COLUMN C2 FOR NEW LINTEL. SEE 7/S020 AND 9/S20

| HEET NO | TES |
|--|--|
| RE ALL CONFLICTS FOR INSTALLATI DIFY EXISTING IS INCLUDED IN BID | ON |
| ER TO NOTE 3 BELOW. | |
| 2 | |
| | |
| | |
| | (#) |
| | 6" O.C. EACH WAY. TOP & BOTT. |
| NITH 2-#5 VERTICAL BARS WITH MA . 3/S202 | TCHING DOWELS FROM THE |
| MU. REFER TO 3/S202. | |
| Y PLUGS FOR FUTURE EXPANSION. L. COORDINATE WITH ARCHITECTU RED. SEE 4/S203 FOR CONCEPTUAL | SEE 4/S201. T/ COL. EL. 113'-6" JRAL SHEETS FOR EXACT SHORING OF SOUTH WALL. |
| JLE ON S020 | |
| OCATION WITH MEP DRAWINGS, PR OND EDGE OF ARCHITECTURAL OP | ROVIDE ADDITIONAL 2-#5 TOP ENING PROVIDE 2-#5x6'-0" |
| WITH 2-#5 VERTICAL BARS WITH MA | ATCHING DOWELS FROM THE |
| Y OPENING SIZE AND LOCATION. | |
| S202. | |
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| TRUCTION | DOCUMENTS |
| STOP VETERANS | U.S. Department of Veterans Affairs |
| PERFECT DI | Veterans Health Administration |
| | St. Cloud VA |

Health Care System

10/28/2022 - ISSUE FOR 100 % CONSTRUCTION DOCUMENTS

| DATE: | | DATE: | APPROVED: INFECTION CONTROL NURSE DATE: | | DRAWING TITLE STRUCTURAL BUILDING ELEVATIONS | PF C E | REIJECT TITLE CONSTRUC BUILDING 4 | CT PACT (FIRST FI | CLINIC LOOR | DATE: 10/28/22 PLOT SCALE |] <i> </i> / A |
|-------|------------------------|-----------|---|----|---|--------------|---|-----------------------|----------------|---------------------------------|---------------------|
| | | | | | APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR DATE: | - - B | BUILDING No | CHECKED BY | DRAWN | PREJECT NEL 656-400 | VA |
| | APPROVED: DIRECTOR FMS | DATE: | APPROVED: SAFETY MANAGER DATE: | E; | | | 4 LICATION ST. C ST. C | LOUD VA | HCS N 56303 | DWG. DF | |

| HEET NOTES |
|---|
| URE ALL CONFLICTS FOR INSTALLATION DDIFY EXISTING IS INCLUDED IN BID |
| (FIELD VERIFY SIZE) PER KEYNOTE 9 |
| |
| Y NOTES (#) |
| VERTICAL BAR IN EACH CELL. DOWEL (EPOXY ADHESIVE RE500) TO |
| EL SHIMS AT 1/4 POINTS AND GROUT FULL LENGTH OF LINTEL WITH |
| NTS 3 @ 16" O.C. W/ ADDITIONAL (2)-3/4"Ø KWIK BOLT 3 BELOW EACH |
| |
| IU. REMOVE EXISTING STONE SILL WHEN PRESENT PRIOR TO |
| 8X8 (E). GROUT EXISTING CELL AND NEW SOLID. PLACE 1-#5 IN |
| AT 16" C/C, MIN. 5" EMBED. TO SUPPORT BRICK VENEER ABOVE REQUIRED. REFER TO S203 FOR CONCEPTUAL SHORING. |
| ND 4" CMU. |
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| DATE: | APPROVED: SERVICE LINE DIRECTOR DATE: | APPROVED: INFECTION CONTROL NURSE DATE: | DRAWING TITLE STRUCTURAL - BUILDING SECTIONS & DETAILS | PREJECT TITLE CONSTRUCT PACT CLINIC BUILDING 4 FIRST FLOOR | DATE: 10/28/22 PLOT SCALE | |
|-------|--|---|--|--|---------------------------------|----|
| | APPROVED: PROJECTS SECTION MANAGER DATE: | | APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR | | PREJECT NE. 656-400 | VA |
| | APPROVED: DIRECTOR FWS DATE: | APPREIVED: SAFETY MANAGER DATE: | | BUILDING NO 4 | drawing nei. S201 | |
| | | | | ST. CLOUD VAHCS | DWG. OF | |

| <text></text> |
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| IN SHT. SOZI |
| Yes PENNESS: SUBBRITISMORING PROCEDURE SEALED BY MN PE FOR PROTEING |
| |
| PENINGS. SUBMIT SHORING PROCEDURE SEALED BY MN PE FOR E (NORTH) OF EXISTING BUILDING. |
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CONTRACTOR NOTE: CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID TO ENSURE ALL CONFLICTS FOR INSTALLATION OF NEW WORK HAS BEEN IDENTIFIED AND ANY WORK REQUIRED TO MODIFY EXISTING IS INCLUDED IN BID

PREJECT TITLEDATE:CONSTRUCT PACT CLINIC10/28/22BUILDING 4 FIRST FLOORPLOT SCALE PROJECT NO. 656-400 DATE: BUILDING No CHECKED BY DRAWN DRAWING NO. S202 APPREIVED: HEALTH CARE SYSTEM DIRECTOR DATE: LOCATION ST. CLOUD VAHCS ST. CLOUD, MN 56303 DWG. DF

