

RENOVATION TO EXTERIOR, BUILDING 27

Jefferson Barracks, Saint Louis County, MO

Trivers

ARCHITECT OF RECORD
MO STATE CERTIFICATE
OF AUTHORITY # 00549

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OWNER: STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR

PROJECT
MANAGEMENT: DEPARTMENT OF THE MISSOURI
NATIONAL GUARD
OFFICE OF THE ADJUTANT GENERAL
FACILITIES MANAGEMENT OFFICE



Building 27 Jefferson Barracks
27 Sherman Avenue
St. Louis, MO 63125

DESIGNER: TRIVERS ASSOCIATES
KPFF, INC

PROJECT NUMBER: T2335-01

SITE NUMBER: 6303 - JEFFERSON BARRACKS

SHEET NUMBER:

G-000

06.11.2025

PROJECT GENERAL NOTES

- STANDARDS & REGULATIONS**
- CONTRACTOR SHALL PERFORM ALL WORK IN CONFORMANCE W/ APPLICABLE BUILDING CODES, LOCAL, STATE & FEDERAL ORDINANCES & APPLICABLE REGULATORY AGENCIES. STANDARDS REFERENCED BY THE WRITTEN REQUIREMENTS OF THESE AUTHORITIES ARE IN FORCE UNLESS OTHERWISE NOTED AMENDED BY THESE DOCUMENTS.
 - CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS & RELEASES REQUIRED FOR THE WORK & OCCUPANCY. COPIES OF PERMITS, AGENCY APPROVALS & RELEASE FORMS SHALL BE PROVIDED TO THE OWNER & ARCHITECT WITHIN 10 DAYS OF RECEIPT. CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY CONDITIONS SET BY AUTHORITIES HAVING JURISDICTION DELAYING RELEASE OF PERMITS OR APPROVALS
 - IF REQUIRED, CONTRACTOR SHALL FILE NOTICE OF INTENT W/ THE ENVIRONMENTAL PROTECTION AGENCY (EPA).
 - CONTRACTOR SHALL COMPLY W/ U.I. OR ANOTHER AGENCY RECOGNIZED BY AUTHORITIES HAVING JURISDICTION OF THIS PROJECT. FOR FIRE-RATED ASSEMBLY STANDARDS & TESTING, NOTIFY THE ARCHITECT IMMEDIATELY OF CONDITIONS THAT ALTER THE FIRE-RATING PERFORMANCE OF THE ASSEMBLY.
 - CONTRACTOR SHALL OBTAIN & COORDINATE ALL REQUIRED INSPECTIONS IN ACCORDANCE W/ AUTHORITIES HAVING JURISDICTION, UNLESS OTHERWISE INDICATED.
 - UPON DISCOVERY OF UNANTICIPATED HAZARDOUS MATERIALS, CONTRACTOR IS TO CEASE WORK, INFORM THE OWNER & CONTACT THE ARCHITECT IMMEDIATELY.

ADMINISTRATION OF THE WORK

- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE MEANS, METHODS & SEQUENCES OF CONSTRUCTION.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SAFETY OF ALL CONSTRUCTION PERSONNEL & AUTHORIZED VISITORS.
- CONTRACTOR SHALL BECOME FULLY ACQUAINTED W/ CONDITIONS RELATED TO THE WORK. ANY KNOWN DISCREPANCIES BETWEEN THE DOCUMENTS & ACTUAL CONDITIONS SHALL BE REPORTED TO THE ARCHITECT FOR RESOLUTION PRIOR TO PROCEEDING W/ WORK RELATED TO THE DISCREPANCY.
- CONTRACTOR SHALL REMOVE & PROPERLY DISPOSE OF ALL CONSTRUCTION & DEMOLITION DEBRIS. CONTRACTOR SHALL OBTAIN APPROVAL OF OWNER (& BUILDING OWNER, IF APPLICABLE) FOR DETAILS RELATED TO REMOVAL OF TRASH, INCLUDING SUCH ISSUES AS PATH OF TRAVEL, USE OF STAIRS & ELEVATORS, REMOVAL OF WINDOWS, LOCATION OF CHUTES & DUMPSTERS, ETC., PRIOR TO REMOVAL OF DEBRIS. CONTRACTOR SHALL CLEAN & REPAIR ANY DAMAGES TO EXISTING SYSTEMS SOILED OR DAMAGED BY DEBRIS REMOVAL PROCESS. IF CLEANING & REPAIR DOES NOT RETURN SYSTEM(S) TO ORIGINAL CONDITION, CONTRACTOR SHALL INSTALL NEW SYSTEM(S).
- CONTRACTOR SHALL BECOME FAMILIAR W/ & COMPLY W/ OWNER'S (OR BUILDING OWNER'S) PROCEDURES FOR MAINTAINING A SECURE SITE & BUILDING.
- EACH INSTALLER SHALL EXAMINE SUBSTRATE CONDITION AND/OR SITE CONDITIONS WHICH AFFECT THE QUALITY OF EACH PRODUCT TO BE INSTALLED. IF ANY CONDITIONS EXIST WHICH WILL HAVE A DETRIMENTAL EFFECT ON THE QUALITY OF THE INSTALLATION, THE INSTALLER SHALL IMMEDIATELY NOTIFY THE CONTRACTOR. INSTALLER SHALL NOT PROCEED UNTIL THE UNSATISFACTORY CONDITIONS ARE CORRECTED. INSTALLATION SHALL SIGNIFY ACCEPTANCE OF THE CONDITIONS.
- CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS ON SITE AT ALL TIMES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING COORDINATION EFFORTS OF ALL SUBCONTRACTORS.
- ALL FIRE SAFETY SYSTEMS (i.e., AUTOMATIC SPRINKLERS, FIRE ALARM, EMERGENCY POWER & LIGHTING, SMOKE CONTROL, FIRE DAMPERS, LABEL DOORS, ETC.) SHALL REMAIN IN OPERATION TO THE MAXIMUM EXTENT POSSIBLE. IF SYSTEMS ARE TAKEN OUT OF OPERATION DURING CONSTRUCTION WORKING HOURS, THE SYSTEMS SHALL BE PLACED BACK INTO SERVICE DURING NON-CONSTRUCTION HOURS. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- CONTRACTOR SHALL NOT CLOSE CEILING UNTIL ARCHITECT HAS AN OPPORTUNITY TO INSPECT ALL WORK WHICH WILL BE CONCEALED BY CEILING. CONTRACTOR SHALL NOTIFY ARCHITECT AT LEAST TWO WEEKS PRIOR TO CLOSE-UP.
- CONTRACTOR SHALL LAU OUT WORK AS SOON AS POSSIBLE. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT FOR RESOLUTION PRIOR TO PROCEEDING W/ THE WORK IN QUESTION.
- CONTRACTOR SHALL COOPERATE W/ THE OWNER'S COMMUNICATION WIRING. INSTALLERS NEED TO INSTALL WIRING IN CONCEALED LOCATIONS SUCH AS WALLS OR CEILING PLENUMS. COOPERATION SHALL INCLUDE NOTIFICATION OF SCHEDULE FOR CLOSE-UP IN ORDER TO PROVIDE INSTALLER SUFFICIENT TIME TO COMPLETE INSTALLATION.

USE OF CONSTRUCTION DOCUMENTS

- CONTRACTOR SHALL NOT SCALE DRAWINGS; ONLY WRITTEN DIMENSIONS OR KEYED NOTES SHALL BE USED. CONTACT ARCHITECT IF CLARIFICATION OR ADDITIONAL INFORMATION IS REQUIRED.
- INFORMATION REGARDING EXISTING SITE CONDITIONS, WHICH ARE SHOWN ON THESE DRAWINGS ARE BASED UPON INFORMATION FURNISHED TO THE ARCHITECT BY THE OWNER AND/OR PERCEIVED CONDITION IN THE FIELD. THE INFORMATION IS NOT INTENDED TO GUARANTEE EXACT CONDITIONS BEFORE WORK IS STARTED. NOTIFY THE ARCHITECT IF ANY DISCREPANCIES ARE FOUND.
- THE DRAWINGS ARE SCHEMATIC IN NATURE. MODIFICATIONS IN DUCTS, PIPING, CONDUIT & WIRING MAY BE REQUIRED TO ACCOMMODATE ACTUAL FIELD CONDITIONS.
- DRAWINGS SHALL NOT BE REPRODUCED FOR SUBMITTALS. DRAWINGS OR PORTIONS OF DRAWINGS USED FOR SUBMITTALS WILL BE REJECTED & RETURNED TO THE CONTRACTOR.
- DIMENSIONS ARE AS FOLLOWS UNLESS NOTED OTHERWISE: A) TO FINISH FACE OF PARTITION OR EXTERIOR WALL. B) TO CENTERLINE OF COLUMNS & DOORS. C) TO TOP OF STRUCTURAL FLOOR. D) TO BOTTOM OF FINISHED CEILING.

DEFINITIONS

- "ALIGN" AS USED IN THESE DOCUMENTS SHALL MEAN TO ACCURATELY LOCATE & FINISH FACES IN THE SAME PLANE; AND/OR TO INSTALL NEW CONSTRUCTION ADJACENT TO EXISTING CONSTRUCTION W/O ANY VISIBLE JOINTS OR SURFACE IRREGULARITIES.
- "CLEAR" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION IS NOT ADJUSTABLE W/O THE APPROVAL OF THE ARCHITECT, CLEAR DIMENSIONS ARE TYPICALLY TO FINISH FACE.
- "MAXIMUM" or "MAX." AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION IS SLIGHTLY ADJUSTABLE BUT MAY NOT VARY TO A DIMENSION OR QUANTITY GREATER THAN THAT SHOWN W/O APPROVAL OF THE ARCHITECT.
- "MINIMUM" or "MIN." AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION IS SLIGHTLY ADJUSTABLE BUT MAY NOT VARY TO A DIMENSION OR QUANTITY LESS THAN THAT SHOWN W/O APPROVAL OF THE ARCHITECT.
- "TYP" OR "TYPICAL" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION OR DIMENSION IS THE SAME OR REPRESENTATIVE FOR SIMILAR CONDITIONS THROUGHOUT.
- "±" AS USED IN THESE DOCUMENTS SHALL MEAN THE DIMENSION OR QUANTITY IS SLIGHTLY ADJUSTABLE TO ACCOMMODATE ACTUAL CONDITIONS.

MATERIALS

- ALL DISSIMILAR METAL MATERIALS SHALL BE ISOLATED W/ A NON-METALLIC SEPARATOR.
- ALL MATERIALS USED IN AIR DISTRIBUTION/RETURN PLENUMS SHALL BE RATED FOR SUCH USE AND AS REQUIRED BY LOCAL BUILDING CODE AUTHORITIES.
- ALL MATERIALS USED IN FIRE-RATED ASSEMBLIES SHALL BE APPROVED BY U.I. OR OTHER RECOGNIZED STANDARD FOR USE IN SUCH ASSEMBLIES.
- ALL STEEL PRODUCTS USED IN THE EXTERIOR WALLS SHALL BE STAINLESS OR GALVANIZED. ALL EXTERIOR STEEL SHALL BE GALVANIZED UNLESS NOTED OR SPECIFIED OTHERWISE.
- ALL SHEET METAL FLASHING SHALL ALLOW FOR THERMAL MOVEMENT OF THE MATERIAL W/O DEFLECTION & OILCANNING.

DEMOLITION GENERAL NOTES

GENERAL REQUIREMENTS

- A PORTION OF THE SELECTIVE DEMOLITION WORK IS DEFINED BY THESE GENERAL NOTES. NOT ALL ELEMENTS TO BE REMOVED SHOWN. CONTRACTOR SHALL VERIFY THE EXTENT OF EXISTING CONDITIONS. CONTRACTOR SHALL VISIT THE SITE & INSPECT EXISTING CONDITIONS.
- CONTRACTOR SHALL DETERMINE THE EXTENT & QUANTITIES OF DEMOLITION WORK REQUIRED TO ACCOMPLISH RESULTS AS SPECIFIED BY GENERAL & KEYED NOTES. CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT/ PRESERVE ITEMS WHICH ARE INDICATED TO REMAIN. CONTRACTOR SHALL REMOVE & PROPERLY DISPOSE OF ALL DEMOLITION DEBRIS. CONTRACTOR SHALL OBTAIN APPROVAL OF OWNER FOR DETAILS RELATED TO REMOVAL OF TRASH, INCLUDING SUCH ISSUES AS PATH OF TRAVEL, USE OF STAIRS & ELEVATORS, REMOVAL OF WINDOWS, LOCATION OF CHUTES & DUMPSTERS, ETC. PRIOR TO REMOVAL OF DEBRIS. CONTRACTOR SHALL CLEAN/ REPAIR ANY DAMAGES TO EXISTING ITEMS & OR SYSTEM WHICH ARE TO REMAIN. ITEMS SOILED OR DAMAGED BY DEBRIS REMOVAL PROCESS ARE REQUIRED TO BE REPAIRED TO ORIGINAL CONDITION.
- ALL FIRE SAFETY SYSTEMS (I.E. AUTOMATIC SPRINKLERS, FIRE ALARM, EMERGENCY POWER & LIGHTING, SMOKE CONTROL, FIRE DAMPERS, LABEL DOORS, ETC.) SHALL REMAIN IN OPERATION TO THE MAXIMUM EXTENT POSSIBLE. IF SYSTEMS ARE TAKEN OUT OF OPERATION DURING DEMOLITION WORKING HOURS, THE SAFETY SYSTEMS SHALL BE PLACED BACK INTO SERVICE DURING NON-CONSTRUCTION HOURS.
- CONTRACTOR SHALL BECOME FAMILIAR W/ & COMPLY W/ OWNERS PROCEDURES FOR MAINTAINING A SECURE SITE BUILDING DURING DEMOLITION.

EXISTING STAIRS

- PROTECT/ PRESERVE ALL EXISTING STAIRS, STEEL RUNNERS, WOOD HAND RAILING & STEEL PICKETS, U.N.O.

EXISTING DOORS

- PROTECT/PRESERVE ALL EXTERIOR & INTERIOR DOORS, FRAMES, & TRIM, TO REMAIN U.N.O.

EXISTING WINDOWS

- PROTECT & PRESERVE ALL EXISTING WINDOWS & CASINGS U.N.O.

EXISTING SIGNAGE

- PROTECT & PRESERVE ALL EXISTING SIGNAGE BUILDING SIGNAGE NOT TO BE REPLACED U.N.O.

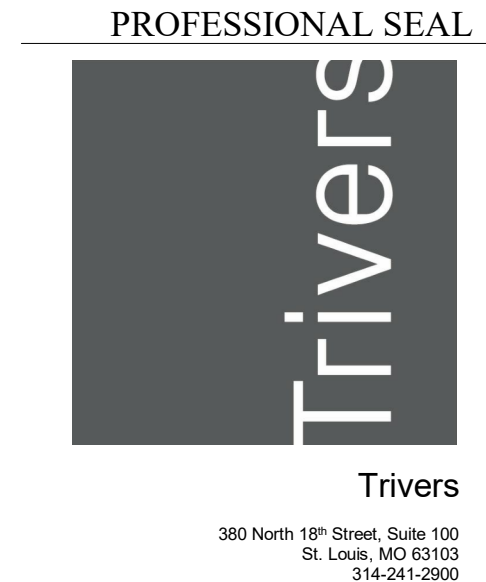
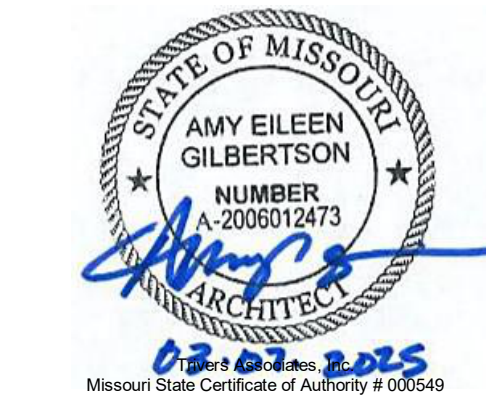
ABBREVIATIONS

A AB ACB AFF AGGR ALT ALUM(N) AP APC APPROX ARCH ARF	ANCHOR BOLT ACOUSTIC CEILING BAFFLE ABOVE FINISHED FLOOR ALTERNATE CEILING ACCESS PANEL ACOUSTICAL PANEL CEILING APPROXIMATE ARCHITECT ARCHITECTURAL FINISH	B BD BLDG BO BOS BRG BTWN BUR BW	BOARD BUILDING BOTTOM OF BOOTS/ST STEEL BEARING BETWEEN BUILT UP ROOFING BOTH WAYS	C C CIP CON(C) CJ CLR CMU CNTR COL CONN CONSTR CONT COORD CTR	CENTERLINE CAST IN PLACE CONCRETE CONTROL JOINT CEILING CLEAR CONCRETE MASONRY UNIT COUNTER COLUMN CONNECTION CONSTRUCTION CONTINUOUS COORDINATE CENTER	D DEG DEMO DET / DTL DGL DIA DIAG DN DR FR DS DWG	DEGREE DEMOLISH DETAIL DECORATIVE GLASS DIAMETER DIAGONAL DOWN DOOR FRAME DOWNSPOUT DRAWING	E E EA EIFS EJ EL ELEC ELEV EMER ENCLOSURE ENTR EQ EQUIP EW EXC EXIST EXP EXPD EXT EXT GR	EAST EACH EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELEVATION ELECTRICAL ELEVATOR EMERGENCY ENCLOSURE ENTRANCE EQUAL EQUIPMENT EACH WAY EXCAVATE EXISTING EXPANSION EXPPOSED EXTERIOR EXISTING GRADE	F FA FD FDC FDTN FE FEC FGL FHC FIN FIN FLR FLL FLM FLMT FLR FLUOR FOB FOC FOP FOS FP FRTW FS FSTNR FT FTG FURN FURN FURR FUT FV	FIRE ALARM FLOOR DRAIN FIRE DEPARTMENT CONNECTION FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FIBERGLASS FIRE HOSE CONNECTION FINISH FINISH FLOOR FLOW LINE FILM FLUSH MOUNT FLOOR FLUORESCENT FACE OF BRICK FACE OF CONCRETE FACE OF FINISH FACE OF STUD FIRE PROTECTION FIRE RETARDANT TREATED WOOD FULL SIZE FASTENER FOOT OR FEET FOOTING FURNISH FURRING FUTURE FIELD VERIFY	G GA GALV GB GC GLAZ GR GR BM	GAUGE GALVANIZED GRAB BAR GENERAL CONTRACTOR GLAZING GRADE GRADE BEAM	G GRTG GYP GYP BD	GRATING GYPSUM GYPSUM BOARD	H HB HC HCP HD HDBD HDW HWDW HM HMD HMDRL HR HT HT TRD HVAC	HOSE BIB HOLLOW CORE HANDICAPPED HEAVY DUTY HARDBOARD HARDWARE HARDWOOD HOLLOW METAL HOLLOW METAL DOOR HANDRAIL HOUR HEIGHT HEAT TREATED (GLASS) HEATING, VENTILATION, AND AIR CONDITIONING	I ID INFO INST INSUL INT	INSIDE DIAMETER INFORMATION INSTALL INSULATION INTERIOR	J JAN JNT JST	JANITOR JOINT JOIST	K KIT	KITCHEN	L LAB LAD LAM LAV LD LDBRG LF LIN LNO LMST LT LT GA LNG LT WT LV LVR LVT	LABORATORY LADDER LAMINATE LAVATORY LINEAR DIFFUSER LOAD BEARING DIAMETER LINEAR LINOLEUM LIMESTONE LIGHT LIGHT GAUGE LIGHTING LIGHT WEIGHT LOW VOLTAGE LOUVER LUXURY VINYL TILE	M MAN MATL MAX MB MCT MD MECH MEMB MEZZ MF MFR MIN MIR MISC MIT MLDG MO MR MRT MTD MTL MULL MOVBL MWP	MANUAL MATERIAL MAXIMUM METAL BASE METAL CEILING TILE METAL DECK MECHANICAL MEMBRANE MEZZANINE MILL FINISH MANUFACTURER MANHOLE MINIMUM MIRROR MISCELLANEOUS MITER MOULDING MASONRY OPENING MOISTURE RESISTANT MARBLE THRESHOLD MOUNTED METAL MULLION MOVABLE MEMBRANE WATERPROOF	N N NA NAT NCOMBL NIC NO NOM NTS	NORTH NOT APPLICABLE NATURAL NON COMBUSTIBLE NOT IN CONTRACT NUMBER NOMINAL NOT TO SCALE	O OC OD OFGI OFOI OQL OH OPNG OPP OPR ORD ORN	ON CENTER OUTSIDE DIAMETER OWNER FURNISH / GENERAL CONTRACTOR INSTALLED OWNER FURNISH / OWNER INSTALLED OBSCURE GLASS OVERHEAD OPENING OPPOSITE OPERABLE OVERFLOW ROOF DRAIN ORNAMENTAL	P PLM PLAS PLUMB PLYWID POL PORC PR PRCST PREFIN PRT PAINT PTN Q	PLASTIC LAMINATE PLASTER PLUMBING PLYWOOD POLISHED PORCELAIN PAIR PRECAST PREFINISHED PRESSURE TREATED PAINT PARTITION	Q QTF QTR QTY QTZ	QUARRY TILE FLOOR QUARTER QUANTITY QUARTZ	R R RB RCP RD RGD INS REC REF / RE REINF REQD RESIL RFG RFQ RM RND RO RS RTF	RADIUS RESILIENT BASE REFLECTED CEILING PLAN ROOF DRAIN RIGID INSULATION RECESSED REFER TO REINFORCED REQUIRED RESILIENT ROOFING ROOM ROUND ROUGH OPENING RESILIENT SHEET RUBBER FLOOR TILE	S S SBSTR SC SCHED SD SDG SECT SGD SHT SIM SPEC(S) SQ SS STAGG STD STIF STL STN(S) STO STRUC SST SUB FL SYNTH	SOUTH SUBSTRATE SOLID CORE SCHEDULE SMOKE DETECTOR SIDING SECTION SLIDING GLASS DOOR SHEET SIMILAR SPECIFICATIONS SQUARE SOLID SURFACE STAGGERED STANDARD STIFFENER STEEL STONE STRUCTURAL STAINLESS STEEL SUB FLOOR SYNTHETIC	T T & B TER T & G THK TLB TLF TLW TMPD TOP TOP TOW TPO TR TRF TYP	TOP AND BOTTOM TERMINOLOGY TOUNGE AND GROOVE THICK TILE, BASE TILE, FLOOR TILE, WALL TEMPERED TOP OF TOP OF PARAPET TOP OF WALL TREAD TREAD TURF TYPICAL	U UNEX U.N.O. UP	UNEXCAVATED UNLESS NOTED OTHERWISE UPHOLSTERY	V VAR VCT VERT VIF VNR VR VRFY	VARIES VINYL COMPOSITION TILE VERTICAL VERIFY IN FIELD VENEER VAPOR RETARDER VERIFY	W W WB WC WCLR WD WDC WDF WDW WLD WLP W/O WP WR WT WPM WW	WEST WOOD BASE WATER CLOSET WATER COOLER WOOD WOOD CEILING WOOD FLOORING WINDOW WELDED WALL PROTECTION WITHOUT WORKING POINT WEATHER RESISTANT WINDOW TREATMENT WATERPROOF MEMBRANE WALLCOVERING
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PROJECT KEYNOTES	
KEYNOTE	KEYNOTE DESCRIPTION
03 01 30 SCP	REPAIR SPALLED CONCRETE AT PILASTER; RE: STRUCT.
03 01 30 SCR	REPAIR SPALLED CONCRETE AND EXPOSED REBAR; RE: STRUCT.
04 03 10 BMC	CLEAN SILL
04 03 23.BMG	GRIND JOINTS AND REPOINT BRICK AT PREVIOUS REPAIRS AND FILL MORTAR LOSS. CLEAN STAIN.
04 03 23.BMR	REMOVE WOOD ON FACE OF BRICK AND REPAIR HOLES FROM ANCHORS
04 03 23.CMR	CHIMNEY MORTAR LOSS. MASON TO REVIEW INTERIOR WYTHE CONDITION. IF MORTAR LOSS PRESENT ON INTERIOR WYTHE OF CHIMNEY, RECONSTRUCT EXTENT SHOWN IN ELEVATION. IF MORTAR LOSS LIMITED TO EXTERIOR WYTHE, REPOINT IN PLACE.
04 03 23.EDB	REMOVE EXISTING DARK-COLOR BRICK AND REPLACE WITH BRICK TO MATCH BUILDING. REPOINT.
04 03 23.GJS	RE-GROUT VERTICAL JOINT IN WATERCOURSE STONE
04 03 23.HPR	REMOVE EXISTING HOLE. PATCH AND REPLACE WITH BRICK TO MATCH ADJACENT. CLEAN ALL PATCH MATERIAL FROM FACE OF BRICK TO REMAIN.
04 03 23.RAO	REPAIR CRACK IN GRANITE WATERCOURSE STONE WITH DISPERSED HYDRATED LIME INJECTED MORTAR.
04 03 23.RAS	REPOINT MORTAR AT EXTERIOR ASHLAR STONE
04 03 23.RBB	REPLACE BROKEN BRICK WITH BRICK TO MATCH ADJACENT
04 03 23.RBI	REPOINT MORTAR AT PERIMETER OF BRICK INFILL
04 03 23.RBM	REPLACE BRICK AND MORTAR LOSS. RE: STRUCT.
04 03 23.REC	REPOINT MORTAR AT EXTERIOR BRICK CORNER
04 03 23.RLM	REMOVE DELAMINATED MORTAR PARGE AND REPOINT JOINTS
04 03 23.RMB	REPOINT MORTAR AT EXISTING BRICK. REPLACE CRACKED OR BROKEN BRICKS WITH NEW BRICKS WITH NEW BRICK TO MATCH ADJACENT.
06 20 13.FBB	RESECCURE BEAD BOARD HANGING DOWN AT NORTH END
06 20 13.FBS	RESECCURE BEAD BOARD SAGGING AT NORTH END
06 20 13.GBP	GAP AND SEPARATION OF DECK BOARD AND EDGE PIECE. REPLACE; RE: STRUCT.
06 20 13.HDB	DECK BOARD WITH KNOT HOLE; REPLACE
06 20 13.MWD	MOSS GROWTH AND WATER DAMAGE AT SMALL SPLIT IN BOARD; REPLACE; RE: STRUCT.
06 20 13.NBD	NOTCHED BOARD AT DECK EDGE. SLIGHTLY SOFT WOOD. CONSOLIDATE WITH EPOXY PRIOR TO REPAINTING
06 20 13.NSO	DECK BOARDS NOTCHED AND SOFT AT BOTTOM SURFACE AT OVERHANG; REPLACE
06 20 13.NWD	REPLACE DECK BOARDS WITH SPLIT/NOTCH AND WATER DAMAGE AT EDGES; RE: STRUCT.
06 20 13.NWP	SMALL NOTCH AND SOFT WOOD IN DECK BOARD BEHIND POST
06 20 13.SED	SPLIT ALONG EDGE OF DECK BOARD SOFT WOOD; REPLACE; RE: STRUCT.
06 20 13.SFB	REPAIR AND REPAINT FASCIA BOARD; RE: STRUCT.
06 20 13.SMG	SOFT/MOIST WOOD AT DECK BOARD OVERHANG WITH MOSS GROWING AT END GRAIN; REPLACE; RE: STRUCT.
06 20 13.SSE	SPONGY AT END OF DECK BOARD AND SOFT ALONG EDGE OF DECK BOARD; REPLACE
06 20 13.SSF	FASCIA BOARD SPLITTING AND A LITTLE SOFT AT TEH END; REPLACE; RE: STRUCT.
06 20 13.SWB	SPLIT ACROSS WIDTH OF DECK BOARD; REPLACE
06 20 13.SWP	DECK BOARD SOFT ALONG WEST SIDE OF PILASTER; REPLACE; RE: STRUCT.
06 20 13.SWW	DECK WOOD SOFT AND WET AT EDGE OF BOARD REPLACE; RE: STRUCT.
06 20 13.WDR	REPLACE WOOD BEAD BOARD
06 20 13.BBU	REPLACE UNEVEN BEAD BOARD SOUTH OF POST
06 20 23.BEP	REPLACE BROKEN DECK EDGE AT PILASTER
06 20 23.BES	REPLACE BROKEN DECK ALONG EDGE, ADJACENT DECK OARD IS NOTCHED AND SPLIT AT END
06 20 23.BNW	REPLACE BROKEN AND DAMAGED BEAD BOARD
06 20 23.BSP	DECK BOARD IS MOIST AND SPLIT AROUND PILASTER. REPLACE; RE: STRUCT.
06 20 23.BSS	REPLACE DRY-ROT DECK BOARDS; RE: STRUCT.
06 20 23.BXE	REPLACE DECK BOARD SPLIT ALONG EDGE
06 20 23.CHP	CHECKING AT POST, TYP. CONSOLIDATE WITH EPOXY PRIOR TO RE-PAINTING
06 20 23.DBS	DECK BOARD EDGES ARE SOFT AT OVERHANG; REPLACE; RE: STRUCT.
06 20 23.DRP	DECK BOARD ROTTING AT POST ATTACHMENT. REPLACE; RE: STRUCT.
06 20 23.EBB	END OF DECK BOARD IS BROKEN. REPLACE; RE: STRUCT.
06 20 23.EBS	EDGE OF DECK BOARD SPLIT OFF AND WOOD IS SOFT. REPLACE; RE: STRUCT.
06 20 23.GLS	REPLACE DECK BOARDS. DECKING NOT LEVEL AT POST AND SOFT TO THE WEST
06 20 23.HBP	HEAVE IN DECK BOARDS AT RAILING POST. REPLACE; RE: STRUCT.
06 20 23.MNS	MOSS GROWTH AND NOTCH AT BOARD SURFACE; REPLACE
06 20 23.MSW	MOIST/SOFT WOOD EXTENDING FROM EDGE AT BOARD. REPLACE; RE: STRUCT.
06 20 23.NEB	WOOD DECKING NOTCHED AT END, SOFT AND MOIST AT BOTTOM SURFACE. REPLACE; RE: STRUCT.
06 20 23.NOM	END OF BOARD IS SPLIT AND WOOD IS SOFT AT BOTTOM SURFACE; REPLACE
06 20 23.NSE	SEVERAL DECK BOARDS WITH NOTCHED AND SPLIT ENDS. SOFT AT OVERHANG, ROTTED AND MISSING SECTION AT ONE BOARD; REPLACE
06 20 23.ONS	REPLACE DRY ROT DECK BOARD
06 20 23.RPB	REPLACE ROTTED STAIR TREADS AT RAILING POST
06 20 23.SMR	DECKING MISSING WHERE RAIL ATTACHES TO DECK; REPLACE; RE: STRUCT.
06 20 23.SMT	SOFT AND MOIST DOKING; REPLACE; RE: STRUCT.
06 20 23.SNH	SPLITTING, NOTCHED ENDS IN DECKING; REPLACE; RE: STRUCT.
06 20 23.SPE	ROTTED DECKING FROM RAILING POST BASE TO EDGE OF DECK; REPLACE; RE: STRUCT.
06 20 23.SRS	DECK BOARD SOFT WITH ROT AT END OF UNDERSIDE, LIGHT SPLITTING AT TOP; REPLACE; RE: STRUCT.
06 20 23.SWN	SOFT DECK WOOD. LARGE NOTCH ALONG EDGE, POSSIBLE INSECT DAMAGE TO THE SOUTH; REPLACE; RE: STRUCT.
06 20 23.TBD	TRIM AT POST BASE IS WATER DAMAGED; REPLACE
06 20 23.TPS	TRIM PIECE SEPARATION; REPLACE
06 20 23.UGR	REPLACE UNEVEN BOARDS
06 20 23.WBB	REPLACE WATER DAMAGED BEARD BOARD
06 20 23.WBS	REPLACE WATER DAMAGED DECK BOARD
06 20 23.WDS	WOOD DECK IS DAMP AND SLIGHTLY SOFT. REPLACE; RE: STRUCT.
06 20 23.WEM	REPLACE WATER DAMAGED BOARD
06 20 23.WPM	REPLACE DAMAGED BOARD DECKING
06 20 23.WSM	REPLACE DAMAGED WOOD DECKING
06 20 23.WSP	REPLACE WOOD DECKING
06 20 23.WSR	WATER DAMAGED STAIR TREADS; REPLACE; RE: STRUCT.
06 20 23.WUN	REPLACE DECKING BOARDS
06 20 23.XAJ	SPLITTING AT 2X12 JOIST; REPLACE; RE: STRUCT.
06 20 23.XSB	REPLACE SPLIT AND SAGGING BEAD BOARD
07 11 00.DGC	CONNECTIONS AT DOWNSPOUTS AND GUTTERS TO BE CHECKED FOR SOUNDNESS AND REPAIRED/REPLACED, TYP.
07 11 00.DGR	REPLACE MISSING SECTION OF DOWNSPOUT/GUTTER
07 11 00.RMF	REPLACE MISSING METAL FASCIA TRIM TO MATCH EXISTING
07 92 00.ODM	RECAULK OPEN JOINT BETWEEN DECK AND TRIM MOULDING AT WALL
09 91 13.LMG	REMOVE LIGHT MOSS GROWTH ON DECK SURFACE BETWEEN BOARDS PIOR TO REPAINTING
09 91 13.MAG	TYPICAL MOLD AND ALGAE GROWTH; CLEAN PRIOR TO REPAINTING
09 91 13.MBE	MOSS GROWTH BETWEEN BOARD EDGES; CLEAN PRIOR TO REPAINTING
09 91 13.MLB	AT METAL LOUVER BELOW WINDOW SILL REMOVE MESH CLEAN AND PAINT. COVER WITH NEW MESH.
09 91 13.PDF	PREP AND REPAINT HOLLOW METAL DOOR AND FRAME. REMOVE AND REPLACE PERIMETER SEALANT.
09 91 13.PML	PREP AND REPAINT METAL LOUVER. REMOVE AND REPLACE PERIMETER SEALANT.
09 91 13.RMM	TYPICAL MOSS AND MOLD GROWTH; CLEAN PRIOR TO REPAINTING
09 91 13.RPB	RAIL POST BASE TO BE CLEANED AND PAINTED FOR REUSE; RE: STRUCT.
09 91 13.TMG	TYPICAL MOLD GROWTH AT EDGE OF DECK. CLEAN PRIOR TO REPAINTING

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STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT, DESIGN
AND CONSTRUCTION

RENOVATION TO EXTERIOR,
BUILDING 27

FACILITY
JEFFERSON BARRACKS,
ST. LOUIS COUNTY,
MISSOURI

PROJECT # T2335-01

SITE # 6303

FACILITY #

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

ISSUE DATE: 06.11.2025

CAD DWG FILE: _____
DRAWN BY: CS
CHECKED BY: AG
DESIGNED BY: JW

SHEET TITLE:

GENERAL NOTES
& DRAWING
ORGANIZATION

SHEET NUMBER:

G-001

06.11.2025

STRUCTURAL GENERAL NOTES

DIVISION 1 - GENERAL REQUIREMENTS

- CONSTRUCTION MEANS AND METHODS
 - CONTRACTOR AND SUBS SHALL NOT SCALE DRAWINGS FOR PURPOSES OF CONSTRUCTION. NOTIFY ARCHITECT OF ANY DIMENSIONAL DISCREPANCIES FOUND BETWEEN DISCIPLINES.
 - CONTRACTOR AGREES THAT CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF THE WORK, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD OWNER AND STRUCTURAL ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF OWNER OR STRUCTURAL ENGINEER.
 - THE CONTRACT DOCUMENTS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INCLUDE THE METHOD OF CONSTRUCTION. CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, PROTECTION OF SUBGRADE FROM FREEZING CONDITIONS, BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, TEMPORARY STRUCTURES, AND PARTIALLY COMPLETED WORK. OBSERVATION VISITS TO THE SITE BY STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS.
 - KPFF CONSULTING ENGINEERS SHALL NOT HAVE CONTROL OVER OR CHARGE OF AND SHALL NOT BE RESPONSIBLE IN ANY WAY FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, OR FOR SAFETY OR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH ANY CONSTRUCTION ACTIVITIES, SINCE THESE ARE SOLELY CONTRACTOR'S RESPONSIBILITY UNDER THE CONTRACT.
 - KPFF CONSULTING ENGINEERS SHALL NOT BE RESPONSIBLE FOR CONTRACTOR'S SCHEDULE OR FAILURES TO CARRY OUT ANY CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. KPFF CONSULTING ENGINEERS SHALL NOT HAVE CONTROL OVER OR CHARGE OF ACTIONS OF CONTRACTOR, SUBCONTRACTOR, OR ANY OF THEIR AGENTS, OR EMPLOYEES, OR ANY OTHER PERSONS PERFORMING PORTIONS OF ANY CONSTRUCTION ACTIVITIES.
 - THE STRUCTURE IS STABLE ONLY IN ITS COMPLETED FORM. TEMPORARY SUPPORTS WHICH MAY BE REQUIRED FOR STABILITY OF THE STRUCTURE DURING ALL INTERMEDIATE STAGES OF CONSTRUCTION SHALL BE DETERMINED, FURNISHED, AND INSTALLED BY THE CONTRACTOR.
- SUBMITTALS
 - SUBMITTALS PREPARED BY SUBCONTRACTORS SHALL BE REVIEWED BY CONTRACTOR PRIOR TO SUBMITTING TO ARCHITECT.
 - REPRODUCTION OF STRUCTURAL DRAWINGS SHALL BE IN ACCORDANCE WITH AISC CODE OF STANDARD PRACTICE.
 - CONTRACTOR SHALL VERIFY THE STRUCTURALLY SUPPORTED EQUIPMENT WEIGHTS, OPENING SIZES, AND LOCATIONS INDICATED ON THE STRUCTURAL DRAWINGS WITH DOCUMENTS FROM OTHER DISCIPLINES AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
 - CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING SIZE, METHOD OF ANCHORAGE, WEIGHT, OPENINGS, AND LOCATIONS OF EQUIPMENT NOT INDICATED ON THE STRUCTURAL DRAWINGS PRIOR TO ORDERING FOR REVIEW BY STRUCTURAL ENGINEER TO DETERMINE ADEQUACY OF THE STRUCTURE.
 - ALL SUBMITTALS REVIEWED BY STRUCTURAL ENGINEER ARE REVIEWED FOR GENERAL CONFORMANCE WITH DESIGN CONCEPT ONLY AND DOES NOT RELIEVE THE FABRICATOR/VENDOR OF RESPONSIBILITY FOR CONFORMANCE WITH DESIGN DRAWINGS AND SPECIFICATIONS, ALL OF WHICH HAVE PRIORITY OVER SUBMITTALS.
 - SUBMITTALS SHALL BE REVIEWED WITHIN 10 WORKING DAYS AFTER BEING RECEIVED BY STRUCTURAL ENGINEER.
- QUALITY REQUIREMENTS
 - REFERENCE TO STANDARD SPECIFICATIONS OR CODES OF ANY TECHNICAL SOCIETY, ORGANIZATION, OR ASSOCIATION OR TO CODES OF LOCAL OR STATE AUTHORITIES, SHALL MEAN THE STANDARDS IN EFFECT AS OF DATE OF THE CONTRACT DOCUMENTS, UNLESS OTHERWISE NOTED.
 - CONTRACT DOCUMENTS SHALL GOVERN IN THE EVENT OF A CONFLICT WITH STANDARD SPECIFICATIONS OR CODES OF ANY TECHNICAL SOCIETY, ORGANIZATION, OR ASSOCIATION.
 - NO PROVISION OF ANY REFERENCED STANDARD SPECIFICATION OR CODE, WHETHER OR NOT SPECIFICALLY INCORPORATED BY REFERENCE IN THE CONTRACT DOCUMENTS, SHALL BE EFFECTIVE TO CHANGE THE DUTIES AND RESPONSIBILITIES OF OWNER, ARCHITECT, STRUCTURAL ENGINEER, CONTRACTOR, OR ANY OF THEIR CONSULTANTS, AGENTS, OR EMPLOYEES FROM THOSE SET FORTH IN THE CONTRACT DOCUMENTS. NOR SHALL IT BE EFFECTIVE TO ASSIGN TO STRUCTURAL ENGINEER OR ANY OF STRUCTURAL ENGINEER'S CONSULTANTS, AGENTS, OR EMPLOYEES ANY DUTY OR AUTHORITY TO SUPERVISE OR DIRECT THE FURNISHING OR PERFORMANCE OF THE WORK OR ANY DUTY OR AUTHORITY TO UNDERTAKE RESPONSIBILITIES CONTRARY TO THE PROVISIONS OF THE CONTRACT DOCUMENTS.
 - ALL OMISSIONS AND CONFLICTS WITHIN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
 - CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS AT THE JOB SITE. ANY DISCREPANCIES BETWEEN THE CONDITIONS FOUND AND THOSE INDICATED IN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
 - NO PIPES, CONDUITS, SLEEVES, DUCTS, CHASES, ETC. SHALL BE PLACED WITHIN STRUCTURAL WALLS, BEAMS, SLABS OR COLUMNS NOR SHALL ANY STRUCTURAL MEMBERS BE CUT FOR PIPES, DUCTS, ETC., UNLESS SPECIFICALLY NOTED. NOTIFY STRUCTURAL ENGINEER WHEN DOCUMENTS BY OTHER DISCIPLINES SHOW OPENINGS, POCKETS, CONDUITS, PIPES, SLEEVES, ETC. NOT INDICATED IN THE STRUCTURAL DRAWINGS, BUT ARE LOCATED IN STRUCTURAL MEMBERS. CONTRACTOR SHALL OBTAIN PRIOR APPROVAL FROM STRUCTURAL ENGINEER FOR INSTALLATION OF SUCH PIPES, DUCTS, CHASES, ETC.
 - DETAILS LABELED "TYPICAL" ON THE STRUCTURAL DRAWINGS APPLY TO ALL SITUATIONS OCCURRING ON PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE LOCATIONS SPECIFICALLY INDICATED. WHERE A DETAIL IS NOT INDICATED, THE DETAIL SHALL BE THE SAME AS FOR OTHER SIMILAR CONDITIONS.
 - THE DESIGN RESPONSIBILITY OF THE ELEMENTS LISTED BELOW IS BEING DELEGATED TO A SPECIALTY STRUCTURAL ENGINEER HIRED BY THE CONTRACTOR. THE DESIGNATED ELEMENTS SHALL BE DESIGNED IN ACCORDANCE WITH THE GOVERNING BUILDING CODE, LOCAL AMENDMENTS, AND SPECIFIC REQUIREMENTS IN THE CONTRACT DOCUMENTS BY AN ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED. SUBMITTALS SHALL BE SEALED BY THE RESPONSIBLE LICENSED ENGINEER. THE FOLLOWING ELEMENTS AND THEIR CONNECTIONS TO PRIMARY STRUCTURE SHALL BE DESIGNED BY A SPECIALTY STRUCTURAL ENGINEER.
 - EXCAVATION SUPPORT
 - TEMPORARY BRACING AND SHORING
 - UNDERPINNING OF EXISTING CONSTRUCTION, IF REQUIRED
 - SUPPORT AND SEISMIC BRACING OF MECHANICAL, ELECTRICAL PLUMBING, AND FIRE PROTECTION (ME/PE/F) SYSTEMS COMPONENTS
 - DO NOT SUPPORT SYSTEMS FROM STEEL ROOF DECK
 - POWDER ACTUATED FASTENERS INSTALLED IN CONCRETE SHALL NOT BE USED TO RESIST SEISMIC LOADS
 - ROOFTOP EQUIPMENT SUPPORT CURBS AND THEIR CONNECTIONS TO SUPPORTING STRUCTURE
 - HANDRAILS AND GUARDRAILS
 - PRE-ENGINEERED FLOOR AND ROOF TRUSSES
 - ROOF SAFETY TIE-OFF SYSTEMS AND THEIR ATTACHMENT TO STRUCTURE
 - WINDOW SYSTEMS AND THEIR ATTACHMENT TO STRUCTURE
- STRUCTURAL SPECIAL INSPECTIONS
 - SPECIAL INSPECTIONS SHALL BE IN ACCORDANCE WITH THE GOVERNING BUILDING CODE AND THE STATEMENT OF SPECIAL INSPECTIONS ON SHEET S-103.

DESIGN CRITERIA:

- THE STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE ICC INTERNATIONAL BUILDING CODE AND INTERNATIONAL EXISTING BUILDING CODE, 2021 EDITION AS REFERENCED BY THE DEPARTMENT OF DEFENSE UNIFIED FACILITIES CRITERIA UFC 1-200-01 CHANGE 3, 26 FEBRUARY 2024, WORK ASSOCIATED WITH PROJECT SCOPE IS ALIGNED WITH IIBC 2021 REPAIR CHAPTER.
 - BUILDING RISK CATEGORY IV.
 - GRAVITY LOADS:
 - UNIFORM ROOF LIVE LOADS:
 - LIVE LOAD: 20 PSF (REDUCED AS ALLOWED BY THE BUILDING CODE)
 - SNOW LOAD:
 - GROUND SNOW LOAD: 20 PSF
 - FLAT ROOF SNOW LOAD: 24 PSF, MIN
 - SNOW EXPOSURE FACTOR: 0.9
 - SNOW IMPORTANCE FACTOR: 1.2
 - SNOW THERMAL FACTOR: 1.0
 - SLOPE FACTOR: 1.0
 - RAIN INTENSITY: 3.2 IN/HR
 - UNIFORM FLOOR LIVE LOADS
 - CORRIDORS - 1ST FLOOR 100 PSF
 - CORRIDORS - ABOVE THE 1ST FLOOR 80 PSF
 - EXTERIOR BALCONIES 100 PSF
 - MECHANICAL ROOMS 150 PSF
 - OFFICES 50 PSF + PARTITIONS
 - PUBLIC ROOMS 100 PSF
 - STAIRS 100 PSF
 - STORAGE 125 PSF
 - CONCENTRATED FLOOR LIVE LOADS
 - LOADS ARE DISTRIBUTED OVER AN AREA OF 2-1/2 SQ. FT., UNLESS NOTED OTHERWISE.

#4 BARS	33"	#8 BARS	81"
#5 BARS	41"	#9 BARS	91"
#6 BARS	49"	#10 BARS	102"
 - OFFICES BUILDINGS 2000 LB
 - STAIRS 300 LB (OVER 4 SQ. IN.)
 - CONCENTRATED LATERAL LIVE LOADS
 - HANDRAIL ASSEMBLIES:
 - TOP RAIL: 200 LB OR 50 LB/FT APPLIED NON-CONCURRENTLY IN ANY DIRECTION.
 - INTERMEDIATE RAILS, BALUSTERS, FILLER PANELS, ETC.: 50 PSF APPLIED NON-CONCURRENTLY WITH THE TOP RAIL LOAD.
- LATERAL LOADS:
 - WIND DESIGN DATA
 - BASIC WIND SPEED:
 - ULTIMATE DESIGN WIND SPEED, V_{ult} : 118 MPH
 - NOMINAL DESIGN WIND SPEED, V_{50} : 92 MPH
 - EXPOSURE: C
 - ENCLOSURE CLASSIFICATION: ENCLOSED BUILDING
 - INTERNAL PRESSURE COEFFICIENT: +0.18
 - COMPONENTS AND CLADDING DESIGN WIND PRESSURE
 - EARTHQUAKE DESIGN DATA (EXISTING BUILDING)
 - SEISMIC IMPORTANCE FACTOR: 1.5
 - MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS: $S_s=0.473$, $S_1=0.167$
 - SITE CLASSIFICATION: D (DEFAULT)
 - DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS: $S_{DS}=0.448$, $S_1=0.252$
 - SEISMIC DESIGN CATEGORY: D
- ME/PE/FP AND SYSTEM SUPPORTS
 - ME/PE/FP WORK IS EXCLUDED FROM PROJECT TASK WORK ORDER.
- EXISTING STRUCTURE
 - SIZES AND LOCATIONS OF EXISTING STRUCTURE HAVE BEEN PROVIDED FOR REFERENCE ONLY. ALL EXISTING SIZES AND LOCATIONS ARE TAKEN FROM THE EXISTING DESIGN DRAWINGS THAT WERE PROVIDED TO THE DESIGN TEAM IN ADDITION TO APPROXIMATE FIELD NOTES AND DO NOT REPRESENT AS-BUILT CONDITIONS.
 - THE CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS OF THE EXISTING STRUCTURE PRIOR TO STARTING FABRICATION.
 - THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY THE DESIGN TEAM OF ANY DISCREPANCIES PRIOR TO STARTING CONSTRUCTION.
 - THE EXISTING STRUCTURE MAY REQUIRE TEMPORARY SHORING AND BRACING WHILE PERFORMING MODIFICATIONS ON THE EXISTING STRUCTURE.
 - THE CONTRACTOR SHALL HIRE AN ENGINEER TO INVESTIGATE WHERE ANY TEMPORARY SHORING/BRACING IS REQUIRED AND TO DESIGN THIS SHORING/BRACING
 - THE ENGINEER SHALL BE LICENSED TO PERFORM THE WORK IN THE JURISDICTION WHERE THE WORK IS TO BE PERFORMED.

DIVISION 3 - CONCRETE

- REINFORCING
 - GENERAL
 - REINFORCING STEEL SHALL BE ASTM A615, GRADE 60, DEFORMED BARS, UNLESS NOTED OTHERWISE. WELDING OF ASTM A615, GRADE 60 REINFORCING IS NOT ALLOWED.
 - ALL REINFORCING BARS SHALL BE DETAILED, FABRICATED, SUPPORTED, AND PLACED IN ACCORDANCE WITH ACI 301 AND CRSI'S "MANUAL OF STANDARD PRACTICE", UNLESS NOTED OTHERWISE.
 - REINFORCING, INCLUDING DOWELS, SHALL BE SECURELY TIED AND CAST WITH THE LOWER MEMBER. PLACING REINFORCING AFTER CONCRETE HAS BEEN PLACED IS NOT PERMITTED.
 - FIELD BENDING OF REINFORCING PARTIALLY EMBEDDED IN CONCRETE IS NOT ALLOWED UNLESS SPECIFICALLY NOTED IN THE STRUCTURAL DOCUMENTS OR APPROVED BY STRUCTURAL ENGINEER.
 - PROVIDE DOWELS FROM FOUNDATION THE SAME GRADE, SIZE, AND NUMBER AS VERTICAL WALL OR COLUMN REINFORCING, UNLESS NOTED OTHERWISE.
 - PROVIDE CORNER BARS TO MATCH HORIZONTAL REINFORCING AT CORNERS AND INTERSECTIONS.
 - ADHESIVE FOR REINFORCING DOWELS INTO EXISTING CONCRETE SHALL BE HILTI HIT-HY 200 V3 SYSTEM (ICC-ESR-4868). MINIMUM EMBEDMENT LENGTH SHALL BE 12 BAR DIAMETERS UNLESS NOTED OTHERWISE. ALTERNATE WILL BE ACCEPTED ONLY IF A SIGNED AND SEALED ENGINEERING ANALYSIS IS PROVIDED FOR THE ALTERNATE. REINFORCING STEEL USED WITH THE ADHESIVE SYSTEM SHALL CONFORM TO ASTM A615, UNLESS NOTED OTHERWISE. ALL REINFORCING SHALL BE CLEAN, OIL FREE, AND CLEAN OF ALL LOOSE MATERIALS.
 - MECHANICAL COUPLERS SHALL BE UNI-AXIAL TYPE CAPABLE OF DEVELOPING 125% OF THE SPECIFIED YIELD STRENGTH OF THE BAR IN TENSION. SPLICES MADE USING MECHANICAL COUPLERS SHALL BE STAGGERED BY TWICE THE LENGTH OF THE COUPLER.
 - ALL REINFORCING SHALL BE CONTACT LAP SPLICED OR DOWELED AS FOLLOWS:

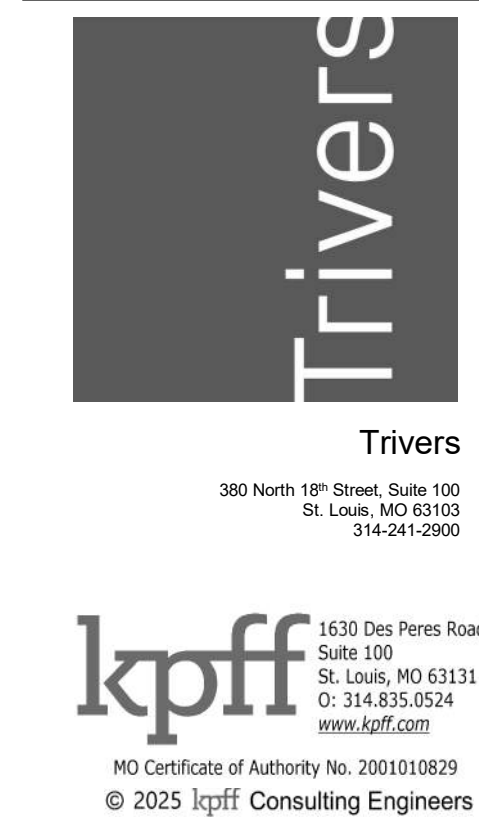
#3 BARS	25"	#7 BARS	71"
#4 BARS	33"	#8 BARS	81"
#5 BARS	41"	#9 BARS	91"
#6 BARS	49"	#10 BARS	102"
 - WALLS
 - PROVIDE #5 AT 12" O.C. HORIZONTAL AND VERTICAL IN EACH FACE OF ALL WALLS 10" AND THICKER.
 - PROVIDE #5 AT 12" O.C. HORIZONTAL AND VERTICAL AT CENTER OF ALL WALLS 8" AND THINNER, UNLESS NOTED OTHERWISE.
 - BEAMS
 - PROVIDE 2-#5 STIRRUP SPACERS IN ALL BEAMS.
 - SLABS
 - PROVIDE SLAB BOLSTERS, HIGH CHAIRS, AND #5 SUPPORT BARS AS NECESSARY TO MAINTAIN PROPER PLACEMENT OF REINFORCING.
 - PROVIDE 2-#5 TOP X 5'-0" DIAGONALS AT CORNERS OF OPENINGS AND RE-ENTRANT CORNERS, UNLESS NOTED OTHERWISE.
- CAST-IN-PLACE CONCRETE
 - REINFORCED CONCRETE SHALL BE NORMAL WEIGHT AND HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI.
 - ALL CONCRETE TO HAVE THE FOLLOWING UNIT WEIGHTS (+/- 3 PCF)
 - NORMAL WEIGHT CONCRETE: PLASTIC = 145 PCF
 - ALL CONCRETE EXPOSED TO FREEZING AND THAWING AND DEICER CHEMICALS SHALL HAVE 6% (+1%/-1.5%) AIR ENTRAINMENT. DO NOT AIR ENTRAIN CONCRETE TO BE TROWEL FINISHED.
 - PROVIDE CONCRETE COVER FOR REINFORCING AS FOLLOWS:
 - CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH 3"
 - CONCRETE EXPOSED TO EARTH OR WEATHER 2"
 - CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:

SLABS AND WALLS	3/4"
BEAMS AND COLUMNS	1-1/2"
 - INTERFACE OF CONSTRUCTION JOINTS SHALL BE ROUGHENED TO A FULL AMPLITUDE OF 1/4". SURFACE OF CONSTRUCTION JOINTS SHALL BE CLEAN AND FREE OF LAITANCE. IMMEDIATELY BEFORE NEW CONCRETE IS PLACED, CONSTRUCTION JOINTS SHALL BE WETTED AND STANDING WATER REMOVED.
- CONCRETE REPAIR
 - CRACK REPAIR: PROVIDE A PRESSURE INJECTED POLYACRYLIC RESIN, WITH LOW VISCOSITY PRIOR TO CURING.
 - CONCRETE PATCHING:
 - PROVIDE CEMENTITIOUS EPOXY RESIN BONDING PRIMER WITH REINFORCEMENT CORROSION INHIBITOR.
 - PROVIDE CEMENTITIOUS NON-SAG PATCHING MORTAR
 - 28 DAY COMPRESSIVE STRENGTH 5,000 PSI (MIN)
 - 28 DAY SHRINKAGE 1X1X11-1/4" 0.05%
 - FREEZE-THAW STABILITY AT 300 CYCLES 98%
 - LIMIT INSTALLATION LIFTS TO MANUFACTURE SPECIFICATIONS REQUIREMENTS.

DIVISION 6 - WOOD

- ROUGH CARPENTRY
 - GENERAL
 - ALL LIGHT FRAMED WOOD CONSTRUCTION SHALL BE FASTENED IN ACCORDANCE WITH ICC 2021 INTERNATIONAL BUILDING CODE TABLE 2304.10.2 FASTENING SCHEDULE.
 - ALL LUMBER IN DIRECT CONTACT WITH WATER, SOIL, CONCRETE, MASONRY, OR PERMANENTLY EXPOSED TO WEATHER SHALL BE PRESSURE TREATED LUMBER.
 - ALL WOOD SHALL BE STORED ON SITE TO PREVENT WARPING, CUPPING, BOWING, CROOKING, AND TWISTING. USE ONLY MATERIAL THAT IS STRAIGHT. ALL WOOD SHALL BE HELD OFF THE GROUND WITH SACRIFICIAL DUNNAGE BLOCKS.
 - WOOD CONNECTORS SHALL BE INSTALLED TO PREVENT WOOD FROM SPLITTING OR OTHERWISE DAMAGING EITHER MEMBER.
 - STANDARD CUT WASHERS SHALL BE USED UNDER BOLT HEADS AND NUTS BEARING AGAINST WOOD.
 - ALL MEMBER SIZES GIVEN IN THE DRAWINGS ARE NOMINAL DIMENSIONS.
 - ALL LUMBER IS TO BE GRADE STAMPED AND IS TO CONTAIN GRADING AGENCY, MILL NUMBER OR NAME, GRADE OF LUMBER, SPECIES OR SPECIES GROUPING OR COMBINATION DESIGNATION, AND RULES UNDER WHICH GRADED, WHERE APPLICABLE.
 - LUMBER SHALL BE PROTECTED FROM THE ELEMENTS UNTIL SUCH TIME IT IS USED IN CONSTRUCTION.
 - MATERIAL
 - SAWN LUMBER SHALL BE GRADE STAMPED VISUALLY GRADED WITH MAXIMUM 19% MOISTURE CONTENT AND SHALL MEET THE MINIMUM STRESS REQUIREMENTS PER NDS-2018 "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" INCLUDING SUPPLEMENT.
 - ALL MEMBERS SHALL MEET STRENGTH REQUIREMENTS IN NDS-2018 "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION".
 - JOISTS, RAFTERS, NAILERS, AND BEARING PLATES SHALL BE SOUTHERN YELLOW PINE (SYP) NO. 2 OR BETTER, UNLESS NOTED OTHERWISE.
 - WOOD JOISTS SHALL BEAR ON THE FULL WIDTH OF SUPPORTING MEMBERS (STUD WALLS, BEAMS, NAILERS, ETC.) UNLESS NOTED OTHERWISE.
 - PROVIDE 1X4 LET-IN BRIDGING, OR CODE APPROVED METAL BRIDGING AT MIDSPAN OF ALL WOOD JOISTS. SPACE LINES OF BRIDGING AT 9'-0" O.C. MAXIMUM.
 - BUILT-UP AND SOLID WOOD POSTS SHALL BE SOUTHERN YELLOW PINE (SYP) NO. 1 OR BETTER UNLESS NOTED OTHERWISE.
 - USE 6X6 COLUMNS AS SHOWN ON PLANS. BUILT-UP SECTIONS OF 2X STUDS SHALL NOT BE SUBSTITUTED FOR SOLID POSTS AND VICE-VERSA.
 - NEW/REPLACEMENT DECK BOARDS TO BE CEDAR KILN DRIED WITH MAXIMUM 19% MOISTURE CONTENT. PROFILE TO MATCH EXISTING DECK BOARD IN WIDTH AND DEPTH.
 - REFERENCE ARCHITECTURAL FOR EXTERIOR NON-STRUCTURAL WOOD TRIM, DECKING AND PANEL FASTENERS.
 - CONNECTORS AND FASTENERS
 - ALL FASTENERS IN CONTACT WITH PRESSURE TREATED OR FIRE-RETARDANT TREATED LUMBER OR USED IN EXTERIOR CONDITION SHALL BE GALVANIZED OR STAINLESS STEEL.
 - METAL CONNECTORS AND ASSOCIATED FASTENERS SHALL MEET THE FOLLOWING MINIMUM STANDARDS:
 - CONNECTORS ASTM A653 G90
 - BOLTS ASTM A307 (GALV IF REQUIRED)
 - ANCHOR RODS ASTM F1554 GR58 (GALV IF REQUIRED)
 - NAILS AND STAPLES ASTM F1667 WITH A153 (GALV IF REQUIRED)
 - STAINLESS STEEL SCREWS ASTM 304 OR 316
 - FASTENERS UTILIZING DISSIMILAR MATERIALS ARE PROHIBITED.
 - POWDER DRIVEN FASTENERS SHALL COMPLY WITH ESR-1538. FASTENER INSTALLATION SHALL BE IN ACCORDANCE WITH THE BUILDING CODE AND THE MANUFACTURER'S RECOMMENDATIONS. FASTENER HEADS SHALL BE INSTALLED NOMINALLY FLUSH WITH THE OUTER PLY OF THE CONNECTION. SHEATHING AND SUPPORT FRAMING DAMAGED BY OVERDRIVEN FASTENERS SHALL BE REMOVED AND REPLACED.
 - ALUMINUM FASTENERS AND FLASHING SHALL NOT BE IN CONTACT WITH PRESSURE TREATED LUMBER.
 - SUBJECT TO COMPLIANCE WITH THE PROJECT REQUIREMENTS, WOOD CONNECTORS, JOIST HANGERS, POST CAPS AND BASES, HOLD-DOWNS, AND RELATED HARDWARE SHALL BE MANUFACTURED BY ONE OF THE FOLLOWING:
 - SIMPSON STRONG-TIE COMPANY, INC. PLEASANTON, CA.
 - MITEK USA, INC. MINNEAPOLIS, MN.
 - CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S LATEST RECOMMENDATIONS FOR INSTALLATION OF CONNECTION HARDWARE.
 - ALL BEAMS AND JOISTS NOT BEARING ON SUPPORTING MEMBERS SHALL BE FRAMED WITH SIMPSON JOIST HANGERS OR APPROVED EQUIVAL. USE TYPE LU FOR SINGLE 2XS, TYPE LUS FOR DOUBLE 2XS, AND TYPE ITS FOR T/J'S. THE CONNECTORS SHALL BE INSTALLED USING FASTENERS SPECIFIED BY THE MANUFACTURER AS REQUIRED FOR THE HANGER TYPE.
 - REFERENCE ARCHITECTURAL FOR EXTERIOR NON-STRUCTURAL WOOD TRIM, DECKING AND PANEL FASTENERS.
 - STAINLESS STEEL SCREWS SHALL BE USED AT ALL CEDAR BOARD AND WOOD CONSOLIDENT/PATCHING COMPOUND INSTALLATION LOCATIONS.
 - WOOD REPAIR
 - WOOD CONSOLIDENT TO CONSISTS OF EPOXY LIQUID RESIN AND HARDENER.
 - TENSILE STRENGTH: 550 PSI (MIN)
 - COMPRESSIVE STRENGTH 1450 PSI (MIN)
 - FLEXURAL STRENGTH 800 PSI (MIN)
 - WOOD EPOXY TO CONSIST OF A LIGHT-WEIGHT EPOXY ADHESIVE SYSTEM INCLUDING RESIN PAST AND HARDENER PASTE.
 - TENSILE STRENGTH 550 PSI (MIN)
 - COMPRESSIVE STRENGTH 1450 PSI (MIN)
 - NEW ANCHORS INSTALLED WITHIN WOOD REPAIR SYSTEM TO BE STAINLESS STEEL ASTM 304 OR 316.

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



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OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT, DESIGN
AND CONSTRUCTION

RENOVATION TO EXTERIOR,
BUILDING 27

FACILITY
JEFFERSON BARRACKS,
ST. LOUIS COUNTY,
MISSOURI

PROJECT # T2335-01
SITE # 6303
FACILITY #

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 06.11.2025

CAD DWG FILE:
DRAWN BY: AMM
CHECKED BY: JAC
DESIGNED BY: JAC

SHEET TITLE:
GENERAL NOTES

SHEET NUMBER:

S-101

06.11.2025

SPECIAL INSPECTION TABLES

STATEMENT OF STRUCTURAL SPECIAL INSPECTIONS

GENERAL
The Owner shall engage and employ a qualified special inspection agency or agencies to conduct special inspections of structural work as required by chapter 17 of the 2021 International Building Code and as delineated below. Agencies that are considered qualified and acceptable to act as special inspectors will be those acceptable to the building official of the jurisdiction that grants the building permit and the owner.

SPECIAL INSPECTION REPORT REQUIREMENTS
Special Inspectors shall keep records of inspections. The special inspector shall furnish inspection reports to the Building Official, Owner, Architect, Structural Engineer, and Contractor. Reports shall indicate that the structural work inspected was done in conformance to approved Contract Documents. Discrepancies shall be brought to the immediate attention of the Contractor for correction. If the discrepancies are not corrected, the discrepancies shall be brought to the attention of the Building Official, Owner, Architect, and Structural Engineer prior to the completion of that phase of work. A final report of inspections documenting required special inspections of structural work and correction of any discrepancies noted in the inspections shall be submitted at a point in time agreed upon by the Owner and the Building Official prior to the start of work.

REQUIRED SPECIAL INSPECTIONS
The following types of structural work require special inspections. Refer to individual Specification Sections for specific testing and inspecting requirements. Continuous inspection is the full-time observation of work by a qualified special inspector who is present in the area where the work is being performed. Periodic special inspection is the part-time or intermittent observation of work by a qualified special inspector who is present in the area where the work has been or is being performed and at the completion of the work.

CONCRETE CONSTRUCTION

SPECIAL INSPECTION ITEM	TYPE OF INSPECTION		REMARKS
	CONTINUOUS	PERIODIC	
1. Inspection of steel reinforcement, including size, quantity and placement.		X	
2. Reinforcing bar welding:			
a. Verify weldability of reinforcing bars other than ASTM A706.		X	
b. Inspect single-pass fillet welds, maximum 5/16"		X	
c. Inspect all other welds.	X		
3. Inspection of anchor rods, headed bolts, headed studs, shear stud shear reinforcing and other embedded items prior to and during placement of concrete.	X		
4. Inspection of anchors installed in hardened concrete.			
5. Verification of use of required design mixture.		X	
6. Testing of slump, air content, and temperature of concrete at the time fresh concrete is sampled to fabricate specimens for strength tests.	X		Frequency of test per specifications.
7. Inspection of concrete placement, including conveying and depositing.	X		
8. Inspection of curing procedures and maintenance of curing temperatures.		X	
9. Inspection of prestressed concrete:			
a. Application of prestressing forces.	X		
b. Grouting of bonded prestressing tendons in the seismic force resisting system.	X		
10. Erection of precast concrete members.		X	
11. Verification of concrete strength before removal of shores and forms from beams and slabs.		X	
12. Inspect formwork for shape, location and dimensions of the concrete member being formed.		X	
13. Verification that approved shop drawings are being used on site.		X	

WOOD CONSTRUCTION

SPECIAL INSPECTION ITEM	TYPE OF INSPECTION		REMARKS
	CONTINUOUS	PERIODIC	
1. Inspection of field gluing operations of elements of wind and seismic force resisting systems.	X		
2. Verification of nailing, bolting, anchoring and other means of attachment within the wind and seismic force resisting systems.		X	
3. Verification of all other connections.		X	
4. Verification of the use of proper materials. Materials shall be identified by the certifying trade labels or grade stamps.		X	
5. Verification of member sizes. Note any warped, cupped, twisted or damaged members.		X	
6. Verification of the use of treated wood members. In addition, verify connectors used in contact with treated members meet the proper finish requirements.		X	
7. Review of pre-engineered trusses. Note that trusses were fabricated per a certified manufacturer, proper storage methods, bracing installed per approved shop drawings, sheathing attachment and connectors.		X	Additional inspections per "Wood Trusses" table
8. Inspection of fabrication process of other prefabricated wood structural elements and assemblies. Verification of the use of proper materials, member sizes and connections.		X	

POST INSTALLED ANCHORS TO CONCRETE AND MASONRY

SPECIAL INSPECTION ITEM	TYPE OF INSPECTION		REMARKS
	CONTINUOUS	PERIODIC	
1. Use of proper anchor system and manufacturer.		X	
2. Review of installer's qualifications including certification by anchor manufacturer.		X	* See Note 1
3. Anchor installation process.			* See Note 2
4. Verification of supporting material's condition.		X	
5. Proof testing as outlined in general notes.		X	
6. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads.	X		
7. Mechanical anchors and adhesive anchors not defined in Note 6.		X	
* Remark Notes: 1. Inspector shall be familiar with anchor manufacturer's written installation procedure and ESR report. 2. Refer to manufacturer's ESR for type of inspection periodic vs. continuous.			

WELDED STEEL CONSTRUCTION

SPECIAL INSPECTION ITEM	TYPE OF INSPECTION		REMARKS
	PERFORM FOR EACH STEEL ELEMENT	OBSERVE ON A RANDOM BASIS	
1. Inspection tasks prior to welding:			
a. Welding procedure specifications (WPS) available.	X		
b. Manufacturer certifications for welding consumables available.	X		
c. Material identification (type/grade).		X	
d. Welder identification system.		X	
e. Fit-up of groove welds (including joint geometry): <ul style="list-style-type: none">Joint preparationDimensions (alignment, root opening, root face, bevel)Cleanliness (condition of steel surfaces)Tacking (tack weld quality and location)Backing type and fit (if applicable)		X	
f. Configuration and finish of access holes.		X	
g. Fit-up of fillet welds: <ul style="list-style-type: none">Dimensions (alignment, gaps at root)Cleanliness (condition of steel surfaces)Tacking (tack weld quality and location)		X	
h. Check welding equipment.		X	
2. Inspection tasks during welding:			
a. Use of qualified welders.		X	
b. Control and handling of welding consumables: <ul style="list-style-type: none">PackagingExposure control		X	
c. No welding over cracked tack welds.		X	
d. Environmental conditions: <ul style="list-style-type: none">Wind speed within limitsPrecipitation and temperature		X	
e. WPS followed: <ul style="list-style-type: none">Settings on welding equipmentTravel speedSelected welding materialsShielding gas type/flow ratePreheat appliedInterpass temperature maintained (min/max)Proper position (F, V, H, OH)		X	
f. Welding techniques: <ul style="list-style-type: none">Interpass and final cleaningEach pass within profile limitationsEach pass meets quality requirements		X	
3. Inspection tasks after welding:			
a. Welds cleaned.		X	
b. Size, length and location of welds.	X		
c. Welds meet visual acceptance criteria: <ul style="list-style-type: none">Crack prohibitionWeld/base-metal fusionCrater cross sectionWeld profilesWeld sizeUndercutPorosity	X		
d. Arc strikes.	X		
e. Visually inspect the web k-area for cracks within 3" of doubler plates, continuity plates and stiffeners welded in the k-area.	X		
f. Placement of reinforcing or contouring fillet welds (if required).	X		
g. Backing removed and weld tabs removed (if required).	X		
h. Repair activities.	X		
i. Document acceptance or rejection of welded joint or member.	X		

LIST OF ABBREVIATIONS

ABOVE FINISH FLOOR ADDITIONAL ALTERNATE ANCHOR, ANCHORAGE ANCHOR ROD ANTHONY POWER BEAM APPROXIMATE ARCHITECT ARCHITECTURALLY EXPOSED STRUCTURAL STEEL	AFF ADDNL ALT ANCH AR APB APPROX ARCH AESS	LAMINATED STRAND LUMBER LAMINATED VENEER LUMBER LIGHT LIVE LOAD LOCATION LONG LONG LEG HORIZONTAL LONG LEG OUT LONG LEG VERTICAL LONG SIDE VERTICAL LONG SIDE HORIZONTAL OR LONG SLOTTED HOLE(S) LOW POINT	LSL LVL LT LL LOC LG LLH LLO LLV LSV LSH LP
BACK TO BACK BALANCE BASEMENT BEAM BEARING BENT BETWEEN BLOCKING BOTTOM BOTTOM OF BOTTOM OF CONCRETE BOTTOM OF METAL DECK BOTTOM OF PIER BOTTOM OF WALL BRICKLEDGE BRIDGING BUILDING	BB BAL BSMT BM BRG BT BTWN BLKW BOT B/ BND BP BW BL BRDG BLDG	MANUFACTURER MASONRY MAXIMUM MECHANICAL MEZZANINE MIDDLE MIDDLE STRIP MINIMUM MISCELLANEOUS	MFR RSF MAX MECH MEZZ MID MS MIN MISC
CAMBER CANTILEVER CAST IN PLACE CENTER CENTER TO CENTER CENTERLINE CLEAR COLD-FORMED COLD-FORMED METAL FRAMING COLD-FORMED STEEL COLUMN, COLUMNS COLUMN STRIP CONCRETE CONCRETE MASONRY UNIT CONNECT CONNECTION CONSTRUCTION CONSTRUCTION JOINT OR CONTROL JOINT CONTINUE, CONTINUOUS CONTRACTOR COORDINATE CURTAIN WALL	c OR C CANT CIP CTR CC CL CLR CF CFMF CFS COL CS CONC CMU CONN CONX CONST CJ CONT CONTR COORD CW	ON CENTER OPENING OPEN WEB TRUSS OPPOSITE OPPOSITE HAND ORDINARY CONCENTRICALLY BRACED FRAME ORDINARY MOMENT FRAME OUT TO OUT OUT OF PLANE OUTSIDE DIAMETER OUTSIDE FACE OVERSIZED HOLE(S)	oc OPNG OWT OPP OPPHD OCBF OMF OO OOP OD O.F. OVH
DEAD LOAD DEGREE DETAIL DIAGONAL DIAMETER DIAMETER OF REBAR DOWEL DOWN DRAWING	DL DEG DTL DIAG DIA DB DWL DN DWG	PARALLEL STRANDED LUMBER PIER CAP, PILE CAP PLASTER PLACES PLATE PLUMBING PLYWOOD POINT POST-TENSIONED POUND PER SQUARE FOOT POUND PER SQUARE INCH POWDER ACTUATED FASTENER PRECAST PRE-ENGINEERED METAL BUILDING PRE-ENGINEERED WOOD TRUSS PREFABRICATED PRESSURE TREATED LUMBER	PSL PC PLC PLCS PL PLMB PLYWD PT P-T PSF PSI PAF P/C PEMB PWT PREFAB PTL
EACH EACH END EACH FACE EACH SIDE EACH WAY ECCENTRICALLY BRACED FRAME EDGE NAILING EDGE OF SLAB ELECTRICAL ELEVATION ELEVATOR EMBEDMENT ENGINEER ENGINEER OF RECORD EQUAL EXISTING EXPANSION EXPANSION JOINT EXTERIOR	EA EE EF ES EW EBF EN EOS ELEC EL ELEV EMBED, EMB ENG EOR EQ EXIST OR (E) EXP EJ EXT	QUANTITY RADIUS REFER, REFERENCE REINFORCING OR REINFORCEMENT REQUIRED ROOF TOP UNIT	QTY RAD REF REINF REQD RTU
FABRICATOR FACE OF BRICK FAR FACE FAR SIDE FIELD VERIFY FINISH, FINISHED FIRE TREATED FLANGE FLOOR FLOOR DRAIN FOOTING FOUNDATION FUTURE	FAB FOB FF FS FV FIN FFE F.T. FLG FLR FD FTG FDN FUT OR (F)	SCHEDULE SECTION SEISMIC LOAD RESISTING SYSTEM SHEAR WALL SHEATHING SHEET SHEET METAL SHORT LEG OUT SHORT SIDE HORIZONTAL OR SHORT SLOTTED HOLE(S) SIMILAR SLAB ON GROUND SLIP CRITICAL SPACE SPECIAL SPECIAL CONCENTRICALLY BRACED FRAME SPECIAL MOMENT FRAME SPECIFICATIONS SQUARE STAINLESS STEEL STANDARD STEEL STIFFENER STRUCTURAL STRUCTURAL ENGINEER OF RECORD SYMMETRICAL	SCHED SECT SLRS SW SHTHG SHT SHTMTL SLO SSH SIM SOG SC SPA SP SCBF SBF SPEC SQ SS STD STL STIFF STRUC
GALVANIZED GAUGE GENERAL GIRDER TRUSS GLUE-LAMINATED BEAM GRADE GRADE BEAM	GALV ga, GA GEN GT GLB GR GB	THICK, THICKNESS THREAD, THREADED TIE BEAM TO BE REMOVED TOP & BOTTOM TOP OF TOP OF CONCRETE TOP OF FOOTING TOP OF MASONRY TOP OF PIER, PILASTER TOP OF PIER CAP, PILE CAP TOP OF STEEL TOP OF WALL TREAD TYPICAL	THK OR T THD TB TBR T&B T/ TC TF TM TP TPC TS TW T OR TR TYP
HANGER HEADED HEADER HEIGHT HIGH POINT HOLLOW CLAY TILE HOOK HORIZONTAL	HGR HD HDR HTR HP HCT HCK HOR	UNLESS NOTED OTHERWISE	UNO
INFORMATION INSIDE DIAMETER INSIDE FACE INTERIOR INTERMEDIATE MOMENT FRAME	INFO ID I.F. INT IMF	VERTICAL BRACE VERTICAL, VERTICALLY VERIFY IN FIELD	VB VT OR VERT VIF
JOINT JOIST JOIST SUBSTITUTE	JT JST JS	WELDED WIRE REINFORCING WINDOW WITH WOOD WORKING POINT WATERSTOP, WATERSEAL	WWR WDW w/ WD WP WS
KIP, KIPS KNEE BRACE	k OR K KB	X-BRACING	X-BR

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OFFICE OF
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DIVISION OF FACILITIES
MANAGEMENT, DESIGN
AND CONSTRUCTION

RENOVATION TO EXTERIOR,
BUILDING 27

FACILITY
JEFFERSON BARRACKS,
ST. LOUIS COUNTY,
MISSOURI

PROJECT # T2335-01
SITE # 6303
FACILITY #

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

ISSUE DATE: 06.11.2025

CAD DWG FILE: _____
DRAWN BY: AMM
CHECKED BY: JAC
DESIGNED BY: JAC

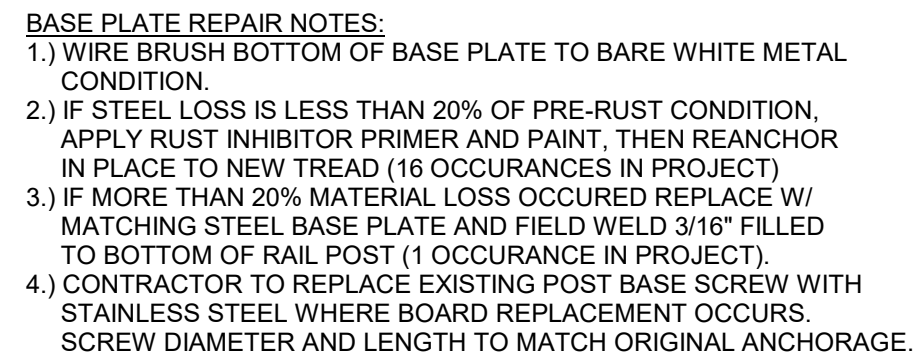
SHEET TITLE:

SPECIAL
INSPECTIONS
AND
ABBREVIATIONS

SHEET NUMBER:

S-102

06.11.2025



BAR DIAMETER TABLE		
BAR SIZE	NOMINAL DIAMETER (IN)	MINIMUM ALLOWABLE DIAMETER (IN)
#2	0.250	0.217
#3	0.375	0.325
#4	0.500	0.433
#5	0.625	0.541
#6	0.750	0.650
#7	0.875	0.758
#8	1.000	0.866
#9	1.128	0.977
#10	1.270	1.100

- 1) **NOTES:**
- 1) Remove all loose and all deteriorated concrete on surface.
- 2) Chip out perimeter of patch area 3/4" beyond spalled surface.
- 3) Do not cut existing reinforcing steel.
- 4) If rebar is exposed remove concrete a minimum of 3/4" behind existing reinforcing steel.
- 5) Mechanically clean steel (Sandblast or wire brush) to white metal condition to remove corrosion.
- 6) After cleaning rebar, measure diameter at narrowest point. If section loss is greater than 25% add new reinforcing to match original, see BAR DIAMETER TABLE on this sheet.
- 7) Chip concrete surface to obtain a fractured surface profile of $\sim 1/4$ - $1/4$ ".
- 8) Minimum depth of patch to be 3/4".
- 9) Substrate should be saturated surface dry (SSD) with no standing water during application.
- 10) Apply cementitious epoxy resin bonding primer to substrate, per manufacturer's specifications.
- 11) While bonding primer is curing, apply cementitious non-sag patching mortar. For applications greater than manufacturer's depth limitation, apply cementitious non-sag patching mortar in lifts. Score the top surface of each lift. Allow preceding lift to reach a final set. Repeat steps 7-10.
- 12) Work shall include furnishing all materials, labor, tools and equipment to patch Horizontal, Vertical, and Overhead surfaces.

#10 X 3" DECK SCREWS @ 16" OC,
COUNTERSINK HEAD 1/4" AND
APPLY WOOD EPOXY AT
SCREW HEAD

#10 X 3" STAINLESS STEEL DECK
SCREWS @ EA FLOOR JOIST,
COUNTERSINK 1/4" AND APPLY
WOOD EPOXY

REPLACE END DAMAGED DECK
BOARD W/ NEW 2X4 CEDAR DECK
BOARD MILLED TO MATCH FIELD
PROFILE IN DEPTH AND WIDTH

REPLACE EXISTING FASCIA
BOARD W/ NEW MATCHING
PROFILE CEDAR BOARD

(E) JOIST HANGER

(E) 2X JOIST FRAMING

#8 X 2 1/2" STAINLESS STEEL
DECK SCREWS @ 12" OC
COUNTERSINK HEAD 1/4" AND
APPLY WOOD EPOXY AT
SCREW HEAD

EXISTING KNOT OPENING

APPLY WOOD CONSOLIDANT AND WOOD EPOXY

(2) #8 X 2 1/2" STAINLESS STEEL SCREWS

Diagram illustrating the repair of a deck board:

- NEW 2X4 CEDAR DECK BOARD, TO MATCH PROFILE OF PREVIOUS BOARD MILLED TO MATCH FIELD PROFILE IN DEPTH AND WIDTH
- 1/8" TO 1/4" GAP, TYP
- TRIM OFF TONGUE PROFILE OF ADJACENT REMAINING BOARD
- (E) NAIL TO REMAIN INTACT
- (E) DECK BOARD BEYOND TO REMAIN INTACT, TYP
- (E) 2X FLOOR JOIST FRAMING
- (2) #10 X 3" STAINLESS STEEL DECK SCREW PER FLOOR JOIST (EXTERIOR RATED), COUNTERSUNK 1/4", FILL TOP W/ WOOD EPOXY.

Diagram illustrating a vertical check in a wood post. The diagram shows a cross-section of a wood post with a vertical crack (check) running through it. The crack is labeled "EXISTING VERTICAL CHECK". The wood post is labeled "EXISTING WOOD POST". A note points to the crack, labeled "NOTE 3".

ROT REPAIR:

- 1.) REMOVE ALL FIBER ROT EXTENT.
- 2.) DRILL 1/8" DIA X 2" HOLES @ 4" OC AROUND PERIMETER OF ROT EDGE.
- 3.) APPLY WOOD CONSOLIDANT.
- 4.) APPLY WOOD EPOXY INTO VOID.
- 5.) SAND SURFACE AFTER 3 HOURS.
- 6.) APPLY EXTERIOR PRIMER AND PAINT PER ARCH REQ'S.

EXISTING DECK BOARD

EXISTING FACIA BOARD

DRILL HOLES

ROT EXTENT

3/4" MIN SAWCUT -
EXTENT OF DAMAGE

COLUMN PLAN

SURFACE CRACK AT
SOUND CONCRETE -
NOTE 3

POXY HOOKS INTO EXIST COL WITH REBAR ADHESIVE

#4 STIRRUPS TO REPLACE DAMAGED (E) BEAM STIRRUPS @ 6"oc. WHEN STIRRUPS MATERIAL LOSS > 25% (GR 40, FIELD BEND)

REPAIR MATERIAL

HORIZONTAL BARS TO REMAIN INTACT IF MATERIAL LOSS < 25%. CONTACT CONTRACTING OFFICER IF VERTICAL REINFORCING MATERIAL LOSS EXCEEDS 25% FOR FURTHER REVIEW

(E) STIRRUP

45 DEG TYP

12" TYP

BEAM PLAN

(E) SLAB

(E) SOUND REINF

SEE LAP SCHEDULE EACH END TYPICAL

DAMAGED AREA OF REBAR

ENLARGE REPAIR AREA AS REQD FOR LAP SPLICE

(N) REBAR IS SHOWN ABOVE FOR CLARITY, IT IS TO BE CONTACT LAP SPLICED & LOCATED IN THE SAME HORIZ PLANE AS (E) REBAR

FV

Trivers

Trivers

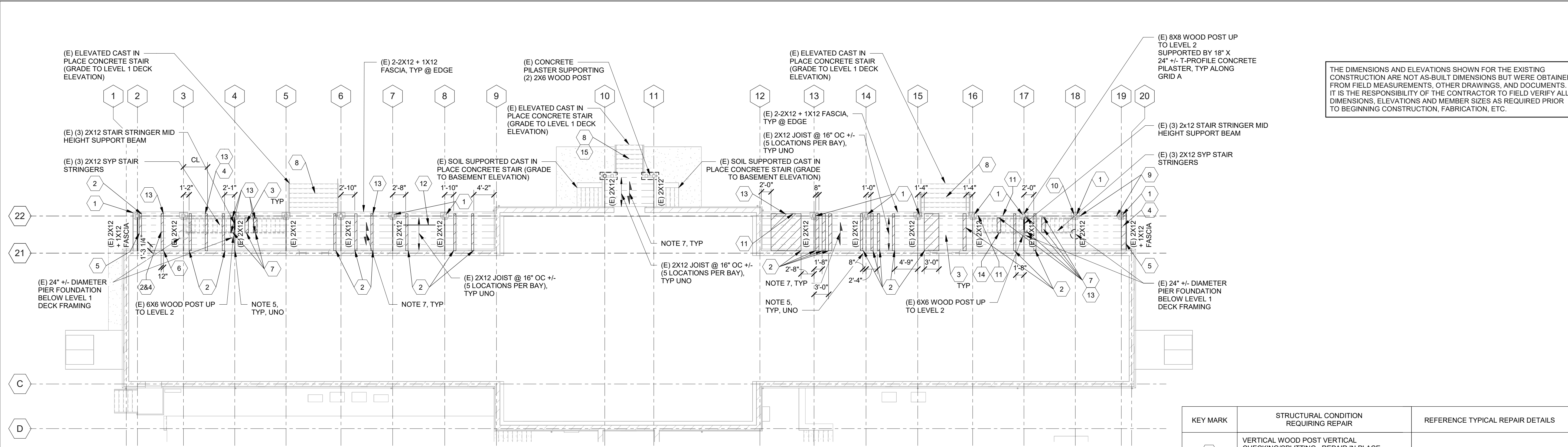
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06.11.2025



1
S-201

LEVEL 1 FRAMING PLAN
3/32" = 1'-0"

- NOTES:
1. TOP OF LEVEL 1 DECK = -8" +/- BELOW TOP OF BUILDING LEVEL 1 ELEVATION.
 2. LEVEL 1 BUILDING ELEVATION = 4'-0" +/- ABOVE NORTHERN ELEVATION GRADE.
 3. SCOPE ON THIS SHEET IS LIMITED TO THE NORTHERN WOOD PORCH/STAIR SYSTEMS AND THREE NORTHERN EXTERIOR GRADE TO LEVEL 1 CONCRETE STAIRS. (INTERIOR BUILDING EXTENT IS BEYOND THE SCOPE OF THIS DOCUMENT).
 4. REFER TO ARCHITECTURAL DRAWINGS FOR MASONRY ENVELOPE RESTORATION DOCUMENTATION.
 5. EXISTING MASONRY BEARING POCKET.
 6. VISUALLY OBSERVED WOOD JOIST AND POST FRAMING CONSIST OF PRESSURE TREATED SOUTHERN YELLOW PINE WITH GALVANIZED SIMPSON HANGERS.
 7. EXISTING DECK BOARD CONSIST OF TONGUE AND GROOVE DECK BOARDS.
 8. WHERE RAIL POST ATTACHMENT OCCURS AT DECK BOARD REQUIRING REPLACEMENT, CONTRACTOR TO TEMPORARILY DETACH RAIL BASE AND RE-ANCHOR AFTER DECKING INSTALLATION USING ORIGINAL ATTACHMENT ANCHOR METHOD. REFER TO S/S-103 FOR BALANCE OF RAIL POST REPAIR INFORMATION.

KEY MARK	STRUCTURAL CONDITION REQUIRING REPAIR	REFERENCE TYPICAL REPAIR DETAILS
1	VERTICAL WOOD POST VERTICAL CHECKING/SPLITTING. REPAIR IN PLACE. (NOTE: REPAIR IS FOR AESTHETICS AND MOISTURE MANAGEMENT PURPOSES ONLY)	1/S-103
2	WOOD FLOOR DECKING ROT OR DETERIORATION. REPLACE FULL BOARD.	2/S-103
3	DECK BOARD KNOT HOLE. INFILL TO REDUCE TRIPPING HAZARD. CONTRACTOR TO FIELD VERIFY QUANTITIES.	3/S-103
4	HEAVE IN DECK BOARDS. REMOVE AND REPLACE BOARDS. ENSURE NICKEL GAP (1/8" TO 1/4") IS PRESENT DURING REPLACEMENT - TRIM AS REQUIRED.	2/S-103
5	DECK EDGE BOARD SEPARATION. REMOVE AND REPLACE EDGE FACIA BOARD AND END DECK BOARD.	4/S-103
6	DECK BOARD TO TRIM JOINT SEPARATION. AFTER DECK BOARD REPLACEMENT, APPLY WOOD EPOXY FILLER IF JOINT REMAINS AND REPAINT.	2/S-103 - (FOR DECK BOARD REPLACEMENT)
7	REPLACE DAMAGED STAIR TREAD AT RAIL POST BASE ATTACHMENTS, TYP	5/S-103
8	CONCRETE STAIR BEAM AND SLAB REBAR DETERIORATION WITH CONCRETE COVER DELAMINATION - BOTTOM SIDE OF SYSTEM RESTORATION OR REPLACEMENT IS REQUIRED.	8/S-103, 9/S-103, 10/S-103, 11/S-103 AND 12/S-103
9	FACIA BOARD PARALLEL TO GRAIN SPLITTING AND ROT. FILL WITH WOOD EPOXY, SAND AND THEN REPAINT.	6/S-103
10	AESTHETIC REPAIR: CORNER SPALL IN EXISTING CONCRETE PILASTER. REPAIR IN PLACE WITH PATCHING MORTAR, THEN REPAINT.	7/S-103 AND 8/S-103
11	FACIA BOARD PARALLEL TO GRAIN SPLITTING AND DETERIORATION. REPLACE FACIA BOARD FOR BAY LENGTH.	
12	EXISTING JOIST DAMAGED. PROVIDE NEW 2X12 SYP NO. 1 PRESSURE TREATED SCABBED JOIST w/ (3) ROWS 10D NAILS (GALV) @ 6" OC	
13	RAIL POST BASE MATERIAL LOSS < 20%. POST BASE TO BE CLEANED AND PAINTED FOR REUSE	5/S-103
14	RAIL POST BASE MATERIAL LOSS > 20%. POST BASE REQUIRES REPLACEMENT	5/S-103
15	TOP OF STEEP PROFILE DETERIORATION	12/S-103

- NOTES:
- 1.) CONTRACTOR TO RESERVE COST CONTINGENCY FOR ADDITIONAL DETERIORATION IF UNFORSEEN CONDITIONS ARE UNCOVERED DURING DECK BOARD REPLACEMENT.
 - 2.) AFTER COMPONENT REPLACEMENT IS COMPLETED AND PRESSURE-WASHED WOOD HAS DRIED, EXTERIOR RATED PRIMER AND PAINT SHALL BE APPLIED TO ALL EXISTING WOOD SURFACES PER ARCHITECTURAL REQUIREMENTS.
 - 3.) REFER TO ARCHITECTURAL DRAWINGS FOR CEILING DECK TONGUE AND GROOVE REPAIR AND REPLACEMENT REQUIREMENTS.
 - 4.) POWER WASH DECK BOARDS (600 PSI MAXIMUM PRESSURE) TO REMOVE ALL ORGANIC MATERIAL PRIOR TO RESTORATION WORK.
 - 5.) REFER TO ARCHITECTURAL DRAWINGS FOR CEILING AND TRIM REPAIR WORK.

THE DIMENSIONS AND ELEVATIONS SHOWN FOR THE EXISTING CONSTRUCTION ARE NOT AS-BUILT DIMENSIONS BUT WERE OBTAINED FROM FIELD MEASUREMENTS, OTHER DRAWINGS, AND DOCUMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS, ELEVATIONS AND MEMBER SIZES AS REQUIRED PRIOR TO BEGINNING CONSTRUCTION, FABRICATION, ETC.

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CARPENTER
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ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT, DESIGN
AND CONSTRUCTION

RENOVATION TO EXTERIOR,
BUILDING 27

FACILITY
JEFFERSON BARRACKS,
ST. LOUIS COUNTY,
MISSOURI

PROJECT # T2335-01
SITE # 6303
FACILITY #

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 06.11.2025

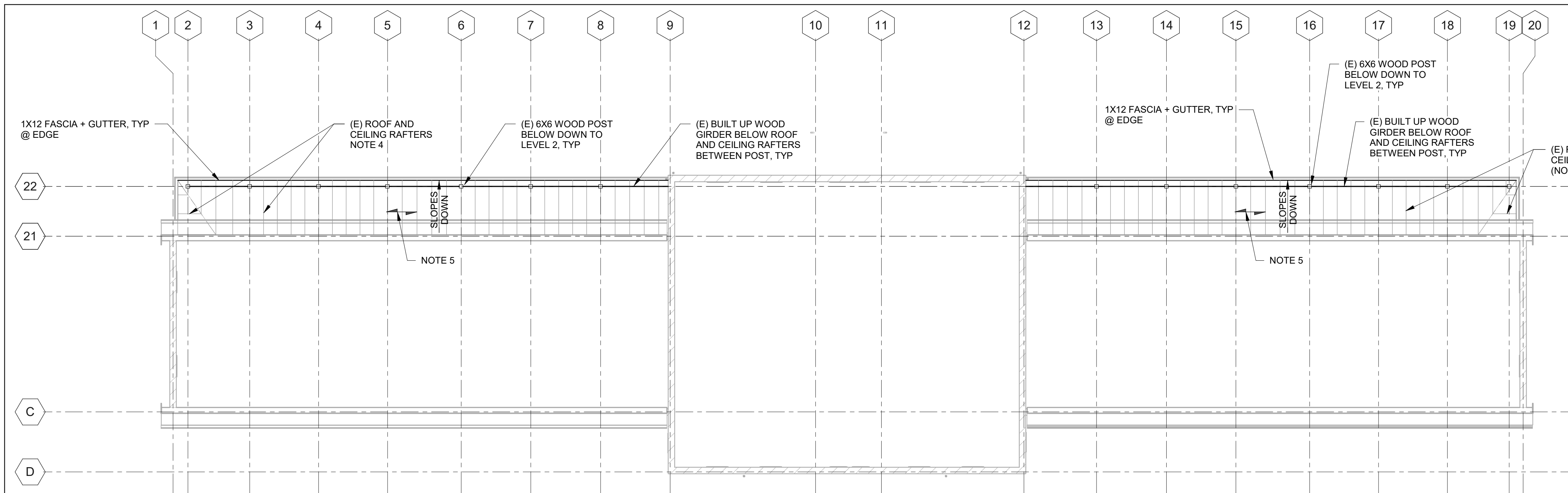
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DRAWN BY: AMM
CHECKED BY: JAC
DESIGNED BY: JAC

SHEET TITLE:
LEVEL 1
FRAMING PLAN

SHEET NUMBER:

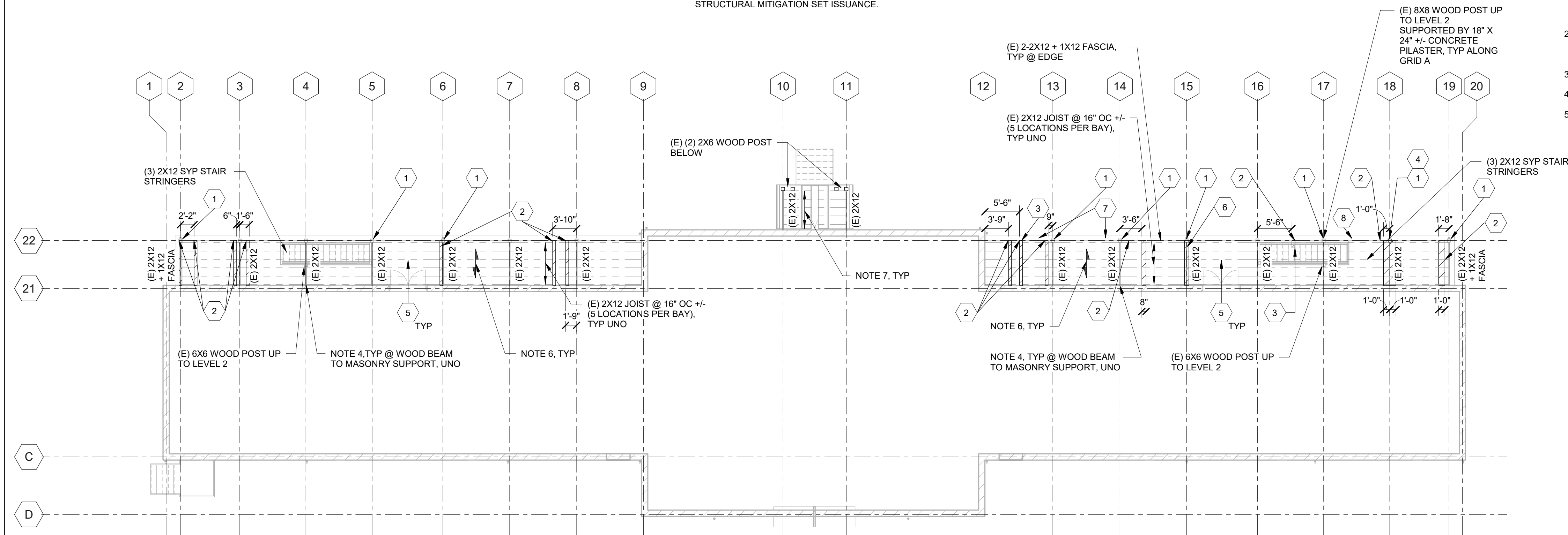
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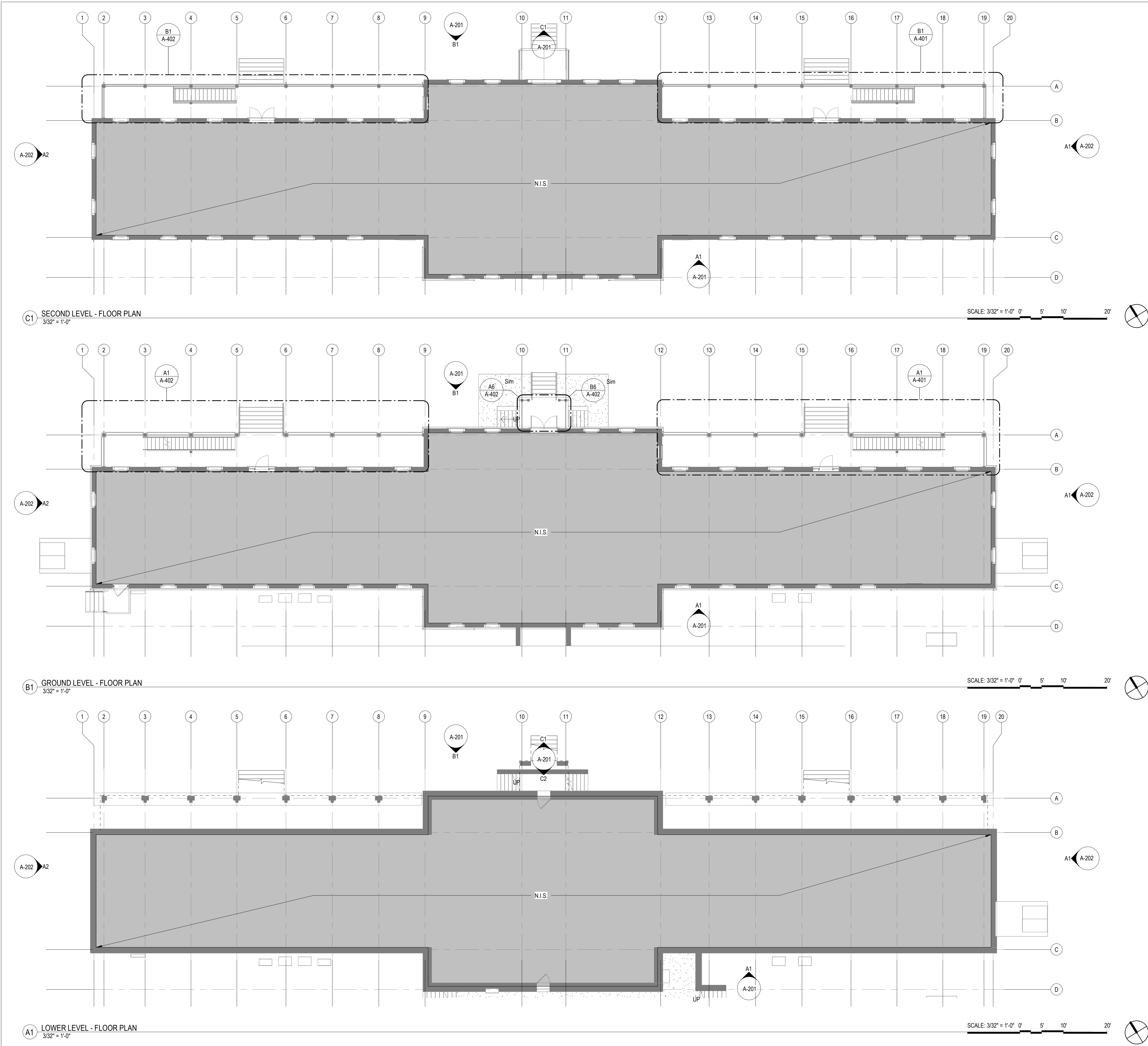


KEY MARK	STRUCTURAL CONDITION REQUIRING REPAIR	REFERENCE TYPICAL REPAIR DETAILS
1	VERTICAL WOOD POST VERTICAL CHECKING/SPLITTING. REPAIR IN PLACE. (NOTE: REPAIR IS FOR AESTHETICS AND MOISTURE MANAGEMENT PURPOSES ONLY)	1/S-103
2	WOOD FLOOR DECKING END ROT. REPLACE FULL BOARD.	2/S-103
3	RAIL POST BASE MATERIAL LOSS < 20%. POST BASE TO BE CLEANED AND PAINTED FOR REUSE	5/S-103
4	COLUMN BASE TRIM DETERIORATED. REPLACE IN PLACE.	SEE ARCH
5	DECK BOARD KNOT HOLE. INFILL TO REDUCE TRIPPING HAZARD. CONTRACTOR TO FIELD VERIFY QUANTITIES.	3/S-103
6	HEAVE IN DECK BOARDS. REMOVE AND REPLACE BOARDS. ENSURE NICKEL GAP (1/8" TO 1/4") IS PRESENT DURING REPLACEMENT - TRIM AS REQUIRED.	2/S-103
7	FACIA BOARD PARALLEL TO GRAIN SPLITTING AND DETERIORATION. REPLACE FACIA BOARD FOR BAY LENGTH.	
8	FACIA BOARD PARALLEL TO GRAIN SPLITTING AND ROT. FILL WITH WOOD EPOXY, SAND AND THEN REPAINT.	6/S-103

- 1) VISUAL ACCESS TO AREAS OF FLOOR FRAMING AND ROOF STRUCTURE WERE LIMITED. CONTRACTOR TO RESERVE COST CONTINGENCY FOR ADDITIONAL DETERIORATION IF UNFORSEEN CONDITIONS ARE UNCOVERED DURING DECK BOARD REPLACEMENT.
- 2) AFTER COMPONENT REPLACEMENT IS COMPLETED AND PRESSURE-WASHED WOOD HAS DRIED, EXTERIOR RATED PRIMER AND PAINT SHALL BE APPLIED TO ALL EXISTING WOOD SURFACES PER ARCHITECTURAL REQUIREMENTS.
- 3) REFER TO ARCHITECTURE FOR CEILING DECK TONGUE AND GROOVE REPAIR AND REPLACEMENT REQUIREMENTS.
- 4) POWER WASH DECK BOARDS (600 PSI MAXIMUM PRESSURE) TO REMOVE ALL ORGANIC MATERIAL PRIOR TO RESTORATION WORK.
- 5) REFER TO ARCHITECTURE FOR CEILING AND TRIM REPAIR WORK.



- NOTES:
1. TOP OF LEVEL 2 DECK = 13'-6" +/- ABOVE LEVEL 1.
 2. SCOPE ON THIS SHEET IS LIMITED TO THE NORTHERN WOOD PORCH/STAIR SYSTEMS. (INTERIOR BUILDING EXISTENCE IS BEYOND THE SCOPE OF THIS DOCUMENT).
 3. REFER TO ARCHITECTURAL DRAWINGS FOR MASONRY ENVELOPE RESTORATION DOCUMENTATION.
 4. EXISTING MASONRY BEARING POCKET.
 5. VISUALLY OBSERVED WOOD JOIST AND POST FRAMING CONSIST OF PRESSURE TREATED SOUTHERN YELLOW PINE WITH GALVANIZED SIMPSON HANGERS.
 6. EXISTING DECK BOARD CONSIST OF TONGUE AND GROVE DECK BOARDS.
 7. EXISTING GABLE END OF WOOD RAFTERS AND DECK BOARD w/ 1X T&G WOOD CEILING.
 8. WHERE RAIL POST ATTACHMENT OCCURS AT DECK BOARD REQUIRING REPLACEMENT, CONTRACTOR TO TEMPORARILY DETACH RAIL BASE AND RE-ANCHOR AFTER DECKING INSTALLATION USING ORIGINAL ATTACHMENT ANCHOR METHOD. REFER TO 5/5-103 FOR BALANCE OF RAIL POST REPAIR INFORMATION.
 9. REFER TO SHEET S-201 FOR STAIR TREAD AND STAIR POST REPAIR REFERENCES FROM LEVEL 1 TO LEVEL 2.



FLOOR PLAN LEGEND	
SYMBOL	DESCRIPTION
	EXISTING, NOT IN PROJECT SCOPE
	EXISTING PARTITION
	EXISTING DOOR TO REMAIN

- GENERAL NOTES**
- DRAWINGS INDICATE APPROXIMATE LOCATION AND EXTENT OF REQUIRED REPAIRS. CONTRACTOR SHALL FIELD VERIFY QUANTITY OF WORK PRIOR TO SUBMITTING BID AND CONTACT OWNER REPRESENTATIVE IN CASE OF CONFLICTING CONDITIONS.
 - ALL SURFACES SHALL BE PREPARED AS REQUIRED TO RECEIVE SPECIFIED FINISH AS RECOMMENDED BY MANUFACTURER. CONTRACTOR SHALL INSPECT SURFACES TO RECEIVE FINISHES AND TAKE STEPS TO CORRECT UNFAVORABLE CONDITIONS BEFORE PROCEEDING WITH THE WORK.
 - THE FOLLOWING NORTH-FACING PORCH ELEMENTS ARE TO BE CLEANED AND REPAINTED. PAINT COLORS ARE TO MATCH EXISTING:
A. METAL HANDRAILS
B. WOOD TREADS AND RISERS
C. WOOD POSTS/COLUMNS AND TRIM
D. WOOD FLOOR DECK BOARDS
E. WOOD BEAD-BOARD CEILINGS
F. WOOD FASCIA BOARDS AND TRIM
 - GUTTER AND DOWNSPOUT DRAINS TO BE CLEARED OF ANY WASTE AND DEBRIS
 - ALL EXISTING BRICK, GRANITE WATER COARSE STONE, AND LIMESTONE ASHLAR BASE TO BE CLEANED. EXISTING METAL ELEMENTS EMBEDDED AND ATTACHED TO BRICK TO BE CLEANED. GENERAL MASONRY CLEANING TO BE INCLUDED AS ALTERNATE 01 - SEE SPECIFICATION SECTION 01 2300.
 - AT ALL EXISTING METAL LOUVER VENTS LOCATED BELOW WINDOW SILLS, REMOVE WIRE MESH, CLEAN AND PREP. PRIME AND PAINT. INSTALL NEW 1/4" X 1/4" WIRE MESH OVER VENT WITH NON-CORROSIVE FASTENERS.
 - SEE SHEETS A-403 AND A-404 FOR ILLUSTRATIONS OF EXISTING CONDITIONS RELATED TO KEYED NOTE REPAIRS.

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



Trivers Associates, Inc.
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OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT, DESIGN
AND CONSTRUCTION

RENOVATION TO EXTERIOR,
BUILDING 27

FACILITY
JEFFERSON BARRACKS,
ST. LOUIS COUNTY,
MISSOURI

PROJECT # T2335-01
SITE # 6303
FACILITY #

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 06.11.2025

CAD DWG FILE: _____
DRAWN BY: CS
CHECKED BY: AG
DESIGNED BY: JW

SHEET TITLE:

KEY PLANS -
LEVEL 2, LEVEL
1, BASEMENT

SHEET NUMBER:

A-101

06.11.2025

1. DRAWINGS INDICATE APPROXIMATE LOCATION AND EXTENT OF REQUIRED REPAIRS. CONTRACTOR SHALL FIELD VERIFY QUANTITY OF WORK PRIOR TO SUBMITTING BID AND CONTACT OWNER REPRESENTATIVE IN CASE OF CONFLICTING CONDITIONS.
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3. THE FOLLOWING NORTH-FACING PORCELAIN ELEMENTS ARE TO BE CLEANED AND REPAIRED. PAINT COLORS ARE TO MATCH EXISTING:
 - A. METAL HANDRAILS
 - B. WOOD TREADS AND RISERS
 - C. WOOD POSTS/COLUMNS AND TRIM
 - D. WOOD FLOOR DECK BOARDS
 - E. WOOD BEAD-BOARD CEILINGS
 - F. WOOD FASCIA BOARDS AND TRIM
4. GUTTER AND DOWNSPOUT DRAINS TO BE CLEARED OF ANY WASTE AND DEBRIS
5. ALL EXISTING BRICK, GRANITE WARE COARSE STONE, AND LIMESTONE ASHLE BASE TO BE CLEANED. EXISTING METAL ELEMENTS EMBEDDED AND ATTACHED TO BRICK TO BE CLEANED. GENERAL MASONRY CLEANING TO BE INCLUDED AS ALTERNATE 01 - SEE SPECIFICATION SECTION 01 2300.
6. AT ALL EXISTING METAL LOUVER VENTS LOCATED BELOW WINDOW SILLS, REMOVE WIRE MESH, CLEAN AND PREP, PRIME AND PAINT. INSTALL NEW 1/4" X 1/4" WIRE MESH OVER LOUVER VENTS USING NON-CORROSIVE FASTENERS.
7. SEE SHEETS A-403 AND A-404 FOR ILLUSTRATIONS OF EXISTING CONDITIONS RELATED TO KEYED NOTE REPAIRS.

AREA OF BRICK/MORTAR TO BE REPAIRED - SEE KEYNOTES

AREA OF STONE/MORTAR TO BE REPAIRED - SEE KEYNOTES

KEYNOTE	KEYNOTE DESCRIPTION
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04 03 23.BMG	GRIND JOINTS AND REPOINT BRICK AT PREVIOUS REPAIRS AND FILL MORTAR LOSS. CLEAN STAIN.
04 03 23.CMR	CHIMNEY MORTAR LOSS. MASON TO REVIEW INTERIOR WYTHE CONDITION. IF MORTAR LOSS PRESENT ON INTERIOR WYTHE OF CHIMNEY, RECONSTRUCT EXTENT SHOWN IN ELEVATION. IF MORTAR LOSS LIMITED TO EXTERIOR WYTHE, REPOINT IN PLACE.
04 03 23.EDB	REMOVE EXISTING DARK-COLOR BRICK AND REPLACE WITH BRICK TO MATCH BUILDING. REPOINT.
04 03 23.HPR	REMOVE EXISTING HOLE. PATCH AND REPLACE WITH BRICK TO MATCH ADJACENT. CLEAN ALL PATCH MATERIAL FROM FACE OF BRICK TO REMAIN.
04 03 23.RAS	REPOINT MORTAR AT EXTERIOR ASHLAR STONE.
04 03 23.RBB	REPLACE BROKEN BRICK WITH BRICK TO MATCH ADJACENT
04 03 23.RBI	REPOINT MORTAR AT PERIMETER OF BRICK SILL
04 03 23.RBM	REPLACE BRICK AND MORTAR LOSS, RE-STRUCT.
04 03 23.REC	REPOINT MORTAR AT EXTERIOR BRICK CORNER
04 03 23.RLM	REMOVE DELAMINATED MORTAR PARGE AND REPOINT JOINTS
04 03 23.RMB	REPOINT MORTAR AT EXISTING BRICK. REPLACE CRACKED OR BROKEN BRICKS WITH NEW BRICKS WITH NEW BRICK TO MATCH ADJACENT.
06 20 13.SFB	REPAIR AND REPOINT FASCIA BOARD; RE-STRUCT.
07 71 00.DGC	CONNECTIONS AT DOWNSPOUTS AND GUTTERS TO BE CHECKED FOR SOUNDNESS AND REPAIRED/REPLACED, TYP.
07 71 00.DGR	REPLACE MISSING SECTION OF DOWNSPOUT/GUTTER.
09 91 13.MLB	AT METAL LOUVER BELOW WINDOW SILL. REMOVE MESH CLEAN AND PAINT. COVER WITH NEW MESH.
09 91 13.PDF	PREP AND REPAINT HOLLOW METAL DOOR AND FRAME. REMOVE AND REPLACE PERIMETER SEALANT.
09 91 13.PML	PREP AND REPAINT METAL LOUVER. REMOVE AND REPLACE PERIMETER SEALANT.

RENOVATION TO EXTERIOR
BUILDING 27

PROJECT # T2335-01
SITE # 6303
FACILITY #

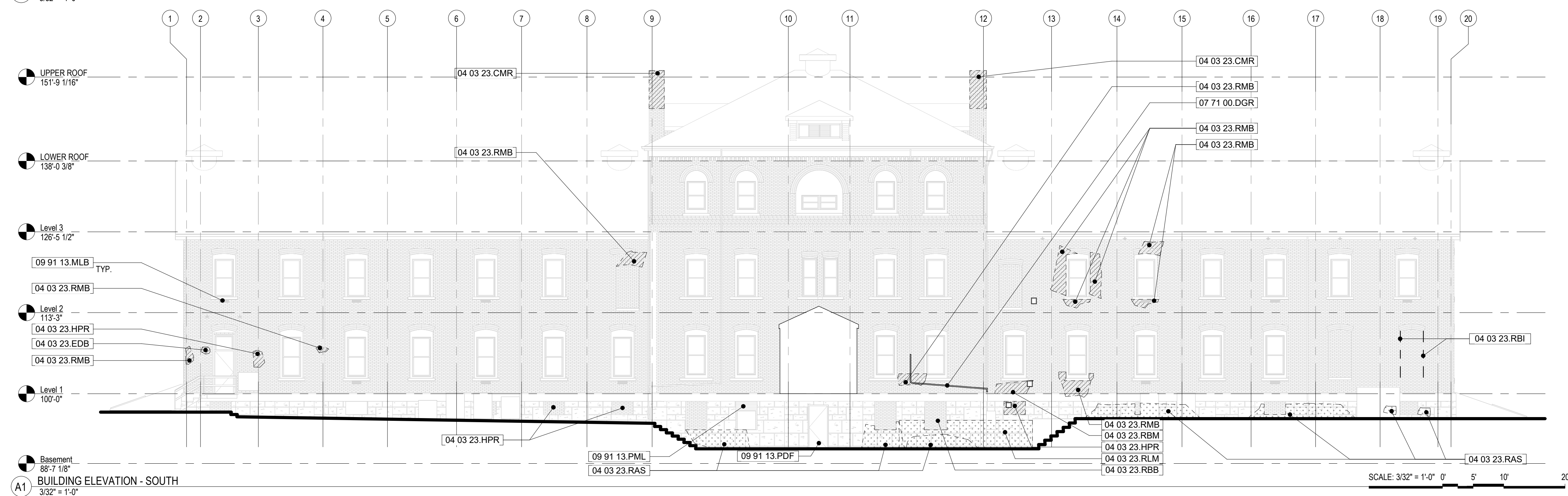
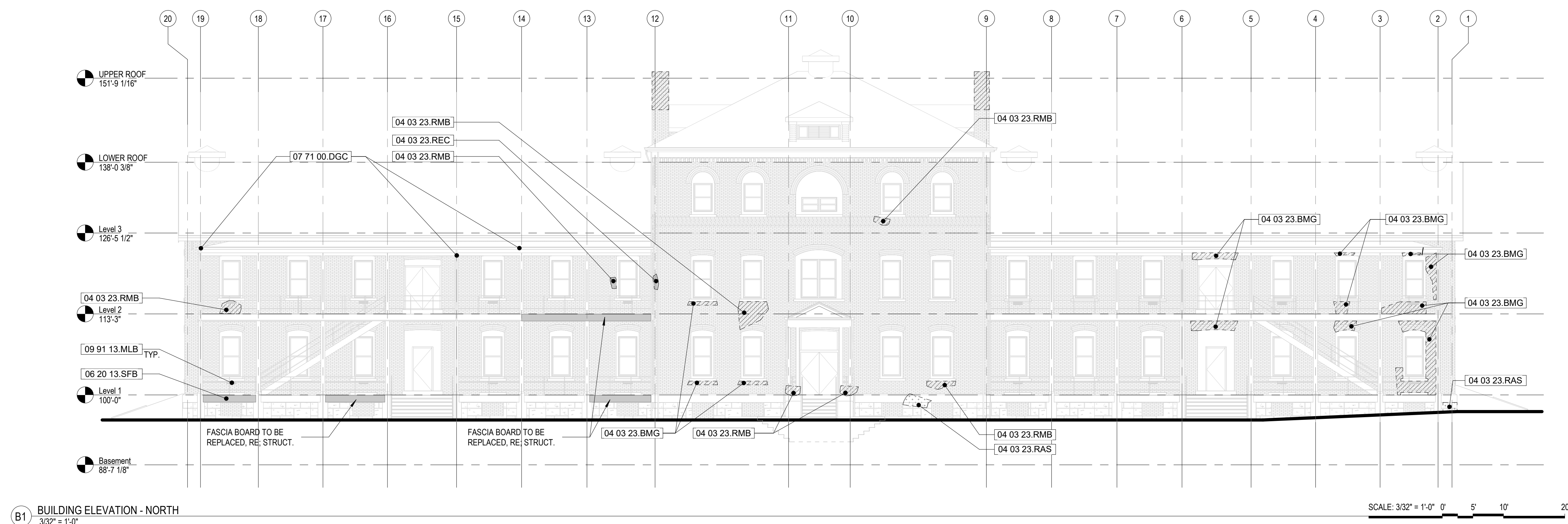
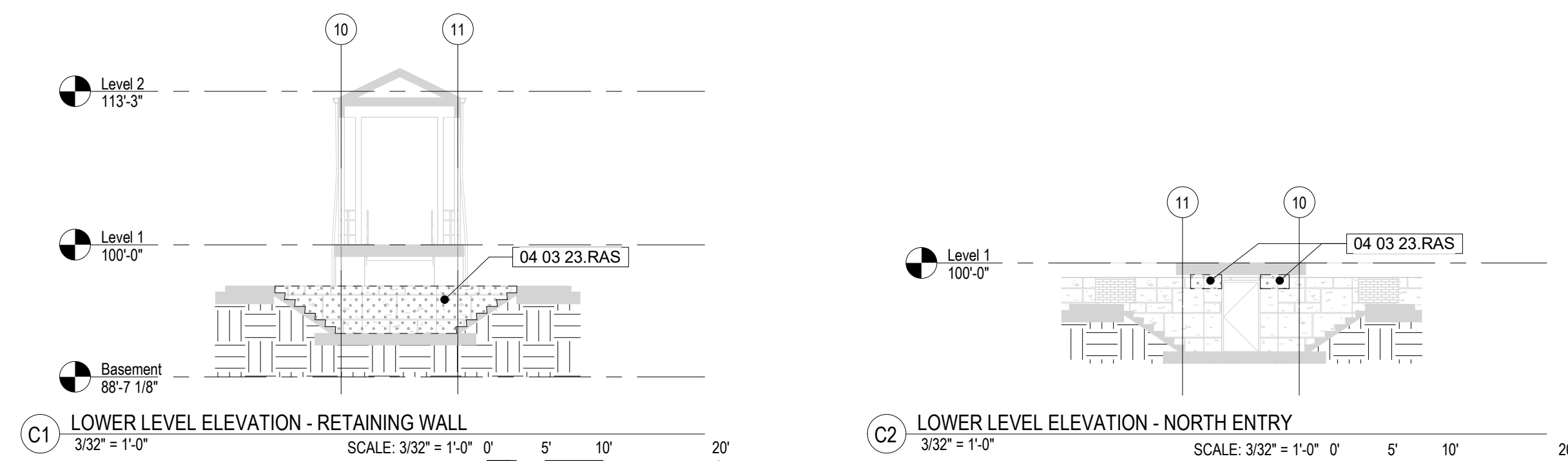
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DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 06.11.2025

CAD DWG FILE: _____
 DRAWN BY: Author
 CHECKED BY: Checker
 DESIGNED BY: Designer

NORTH, SOUTH, AND RETAINING WALL ELEVATIONS

A-201

06.11.2025



- GENERAL NOTES
1.

DRAWINGS INDICATE APPROXIMATE LOCATION AND EXTENT OF REQUIRED REPAIRS. CONTRACTOR SHALL FIELD VERIFY QUANTITY OF WORK PRIOR TO SUBMITTING BID AND CONTACT OWNER REPRESENTATIVE IN CASE OF CONFLICTING CONDITIONS.
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3.

THE FOLLOWING NORTH-FACING PORCH ELEMENTS ARE TO BE CLEANED AND REPAINTED. PAINT COLORS ARE TO MATCH EXISTING:

A.

METAL HANDRAILS

B.

WOOD TREADS AND RISERS

C.

WOOD POSTS/COLUMNS AND TRIM

D.

WOOD FLOOR DECK BOARDS

E.

WOOD BEAD-BOARD CEILINGS

F.

WOOD FASCIA BOARDS AND TRIM

4.

GUTTER AND DOWNSPOUT DRAINS TO BE CLEARED OF ANY WASTE AND DEBRIS

5.

ALL EXISTING BRICK, GRANITE WATER COARSE STONE, AND LIMESTONE ASHLAR BASE TO BE CLEANED. EXISTING METAL ELEMENTS EMBEDDED AND ATTACHED TO BRICK TO BE CLEANED. GENERAL MASONRY CLEANING TO BE INCLUDED AS ALTERNATE 01 - SEE SPECIFICATION SECTION 01 2300.

6.

AT ALL EXISTING METAL LOUVER VENTS LOCATED BELOW WINDOW SILLS, REMOVE WIRE MESH, CLEAN AND PREP, PRIME AND PAINT. INSTALL NEW 1/4" X 1/4" WIRE MESH OVER VENT WITH NON-CORROSIVE FASTENERS.

7.

SEE SHEETS A-403 AND A-404 FOR ILLUSTRATIONS OF EXISTING CONDITIONS RELATED TO KEYED NOTE REPAIRS.
- REPAIRS LEGEND
- AREA OF BRICK/MORTAR TO BE REPAIRED - SEE KEYNOTES

AREA OF STONE/MORTAR TO BE REPAIRED - SEE KEYNOTES

AREA OF METAL FASCIA TRIM TO BE REPAIRED - SEE KEYNOTES

MORTAR LOSS AT EDGE OF BRICK INFILL TO BE REPAIRED - SEE KEYNOTES

SPECIFIC CRACK LOCATIONS FOR ANY TYPE OF MASONRY
- KEYNOTE LEGEND
- | KEYNOTE | KEYNOTE DESCRIPTION |
|--------------|--|
| 04 03 10.BMC | CLEAN SILL |
| 04 03 23.BMG | GRIND JOINTS AND REPOINT BRICK AT PREVIOUS REPAIRS AND FILL MORTAR LOSS. CLEAN STAIN. |
| 04 03 23.BMR | REMOVE WOOD ON FACE OF BRICK AND REPAIR HOLES FROM ANCHORS |
| 04 03 23.CMR | CHIMNEY MORTAR LOSS. MASON TO REVIEW INTERIOR WYTHE CONDITION. IF MORTAR LOSS PRESENT ON INTERIOR WYTHE OF CHIMNEY, RECONSTRUCT EXTENT SHOWN IN ELEVATION. IF MORTAR LOSS LIMITED TO EXTERIOR WYTHE, REPOINT IN PLACE. |
| 04 03 23.GJS | RE-GROUT VERTICAL JOINT IN WATERCOURSE STONE |
| 04 03 23.RAO | REPAIR CRACK IN GRANITE WATERCOURSE STONE WITH DISPERSED HYDRATED LIME INJECTED MORTAR. |
| 04 03 23.RAS | REPOINT MORTAR AT EXTERIOR ASHLAR STONE |
| 04 03 23.RBI | REPOINT MORTAR AT PERIMETER OF BRICK INFILL |
| 04 03 23.RMB | REPOINT MORTAR AT EXISTING BRICK. REPLACE CRACKED OR BROKEN BRICKS WITH NEW BRICKS WITH NEW BRICK TO MATCH ADJACENT. |
| 07 71 00.DGR | REPLACE MISSING SECTION OF DOWNSPOUT/GUTTER |
| 07 71 00.RMF | REPLACE MISSING METAL FASCIA TRIM TO MATCH EXISTING |
| 09 91 13.MLB | AT METAL LOUVER BELOW WINDOW SILL REMOVE MESH CLEAN AND PAINT. COVER WITH NEW MESH. |
- STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR
- STATE OF MISSOURI

AMY EILEEN GILBERTSON

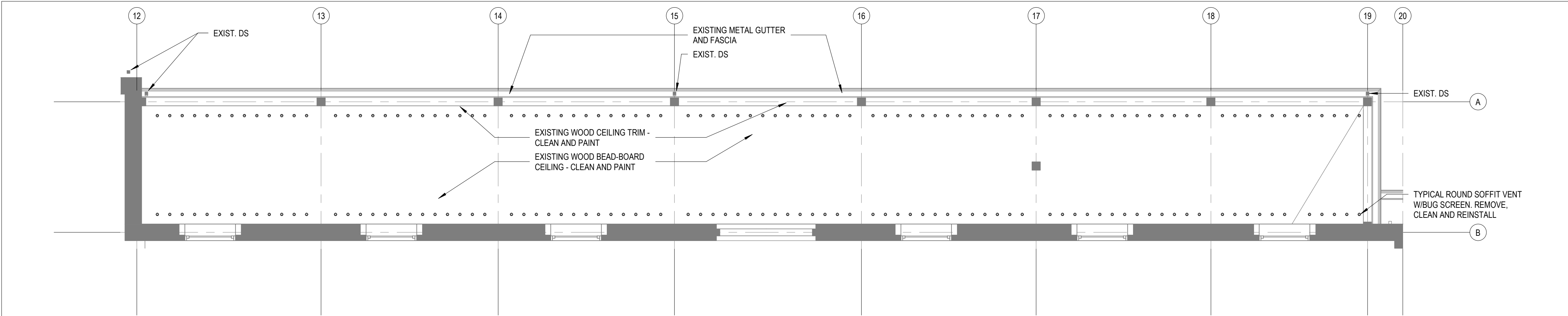
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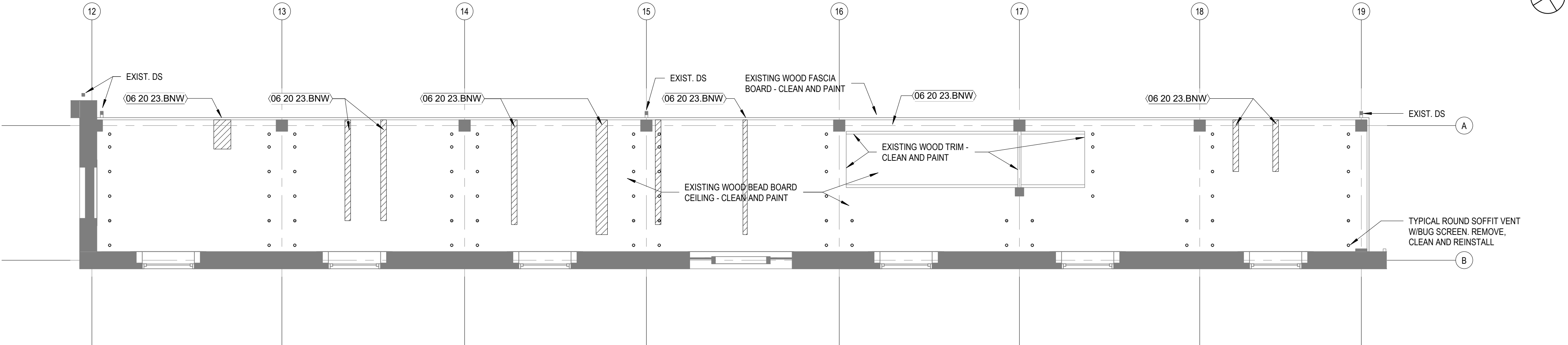
TRIVERS ASSOCIATES, INC.

MISSOURI STATE CERTIFICATE OF AUTHORITY # 000549

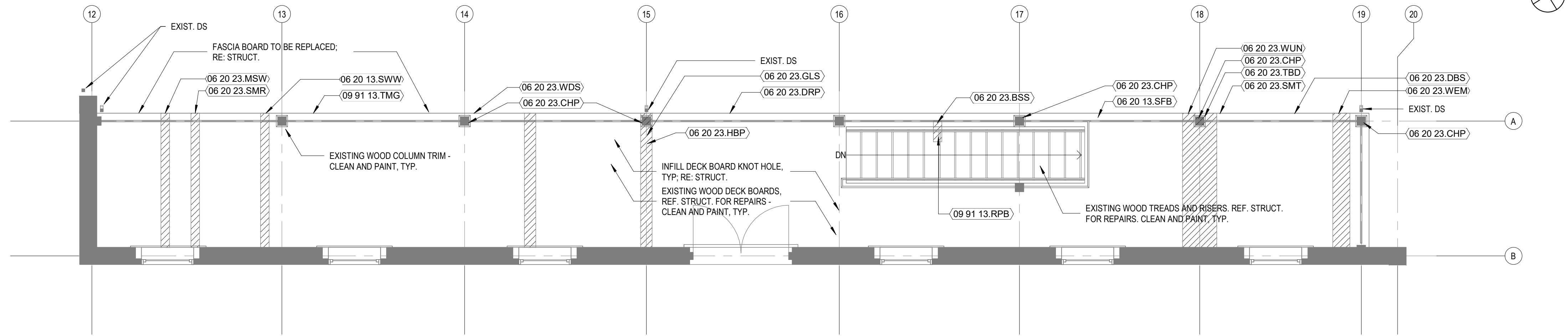
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- Trivers
- 380 North 18th Street, Suite 100
St. Louis, MO 63103
314-241-2900
- OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT, DESIGN
AND CONSTRUCTION
- RENOVATION TO EXTERIOR,
BUILDING 27
- FACILITY
JEFFERSON BARRACKS,
ST. LOUIS COUNTY,
MISSOURI
- PROJECT # T2335-01
SITE # 6303
FACILITY #
- REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 06.11.2025
- CAD DWG FILE:
DRAWN BY: CS
CHECKED BY: AG
DESIGNED BY: JW
- SHEET TITLE:
- EAST AND WEST
BUILDING
ELEVATIONS
- SHEET NUMBER:
- A-202
- 06.11.2025
-
- A1 BUILDING ELEVATION - EAST
3/32" = 1'-0"
- SCALE: 3/32" = 1'-0" 0' 5' 10' 20'
-
- A2 BUILDING ELEVATION - WEST
3/32" = 1'-0"
- SCALE: 3/32" = 1'-0" 0' 5' 10' 20'



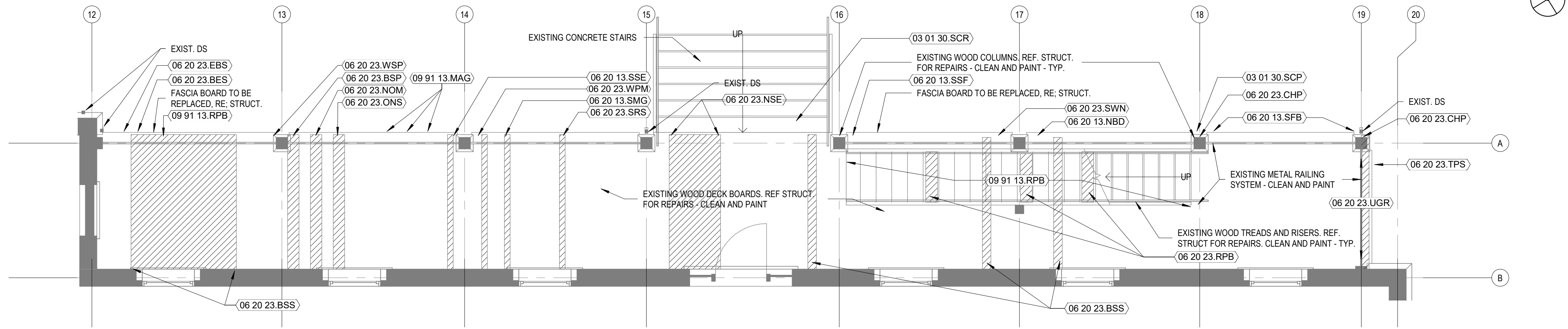
D1 REFLECTED CEILING PLAN - LEVEL 2 EAST PORCH
1/4" = 1'-0"



C1 REFLECTED CEILING PLAN - LEVEL 1 EAST PORCH
1/4" = 1'-0"



B1 PLAN - LEVEL 2 EAST PORCH
1/4" = 1'-0"



A1 PLAN - LEVEL 1 EAST PORCH
1/4" = 1'-0"

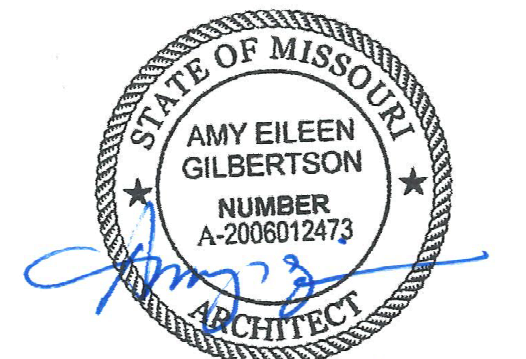
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- SEE SHEETS A-403 AND A-404 FOR ILLUSTRATIONS OF EXISTING CONDITIONS RELATED TO KEYED NOTE REPAIRS.

KEYNOTE LEGEND

KEYNOTE	KEYNOTE DESCRIPTION
03 01 30.SCP	REPAIR SPALLED CONCRETE AT PILASTER; RE: STRUCT.
03 01 30.SCR	REPAIR SPALLED CONCRETE AND EXPOSED REBAR; RE: STRUCT.
06 20 13.NBD	NOTCHED BOARD AT DECK EDGE, SLIGHTLY SOFT WOOD, CONSOLIDATE WITH EPOXY PRIOR TO REPAINTING
06 20 13.SFB	REPAIR AND REPAINT FASCIA BOARD; RE: STRUCT.
06 20 13.SMG	SOFT/MOIST WOOD AT DECK BOARD OVERHANG WITH MOSS GROWING AT END GRAIN, REPLACE; RE: STRUCT.
06 20 13.SSE	SPONGY AT END OF DECK BOARD AND SOFT ALONG EDGE OF DECK BOARD; REPLACE
06 20 13.SSF	FASCIA BOARD SPLITTING AND A LITTLE SOFT AT TEH END, REPLACE; RE: STRUCT.
06 20 13.SWW	DECK WOOD SOFT AND WET AT EDGE OF BOARD REPLACE; RE: STRUCT.
06 20 23.BES	REPLACE BROKEN DECK ALONG EDGE, ADJACENT DECK OARD IS NOTCHED AND SPLIT AT END
06 20 23.BNW	REPLACE BROKEN AND DAMAGED BEAD BOARD
06 20 23.BSP	DECK BOARD IS MOIST AND SPLIT AROUND PLASTER, REPLACE; RE: STRUCT.
06 20 23.BSS	REPLACE DRY-ROT DECK BOARDS; RE: STRUCT.
06 20 23.CHP	CHECKING AT POST, TYP. CONSOLIDATE WITH EPOXY PRIOR TO RE-PAINTING
06 20 23.DBS	DECK BOARD EDGES ARE SOFT AT OVERHANG. REPLACE; RE: STRUCT.
06 20 23.DRP	DECK BOARD ROTTING AT POST ATTACHMENT. REPLACE; RE: STRUCT.
06 20 23.EBS	EDGE OF DECK BOARD SPLIT OFF AND WOOD IS SOFT. REPLACE; RE: STRUCT.
06 20 23.GLS	REPLACE DECK BOARDS, DECKING NOT LEVEL AT POST AND SOFT TO THE WEST
06 20 23.HBP	HEAVE IN DECK BOARDS AT RAILING POST. REPLACE; RE: STRUCT.
06 20 23.MSW	MOIST/SOFT WOOD EXTENDING FROM EDGE AT BOARD. REPLACE; RE: STRUCT.
06 20 23.NOM	END OF BOARD IS SPLIT AND WOOD IS SOFT AT BOTTOM SURFACE; REPLACE
06 20 23.NSE	SEVERAL DECK BOARDS WITH NOTCHED AND SPLIT ENDS, SOFT AT OVERHANG, ROTTED AND MISSING SECTION AT ONE BOARD; REPLACE
06 20 23.ONS	REPLACE DRY ROT DECK BOARD
06 20 23.RPB	REPLACE ROTTED STAIR TREADS AT RAILING POST
06 20 23.SMR	DECKING MISSING WHERE RAIL ATTACHES TO DECK; REPLACE; RE: STRUCT.
06 20 23.SMT	SOFT AND MOIST DCKING; REPLACE. RE: STRUCT.
06 20 23.SRS	DECK BOARD SOFT WITH ROT AT END OF UNDERSIDE, LIGHT SPLITTING AT TOP; REPLACE; RE: STRUCT.
06 20 23.SWN	SOFT DECK WOOD, LARGE NOTCH ALONG EDGE, POSSIBLE INSECT DAMAGE TO THE SOUTH, REPLACE; RE: STRUCT.
06 20 23.TBD	TRIM AT POST BASE IS WATER DAMAGED; REPLACE
06 20 23.TPS	TRIM PIECE SEPARATION; REPLACE
06 20 23.UGR	REPLACE UNEVEN BOARDS
06 20 23.WDS	WOOD DECK IS DAMP AND SLIGHTLY SOFT, REPLACE; RE: STRUCT.
06 20 23.WEM	REPLACE WATER DAMAGED BOARD
06 20 23.WPM	REPLACE DAMAGED BOARD DECKING
06 20 23.WSP	REPLACE WOOD DECKING
06 20 23.WUN	REPLACE DECKING BOARDS
09 11 13.MAG	TYPICAL MOLD AND ALGAE GROWTH; CLEAN PRIOR TO REPAINTING
09 11 13.RPB	RAIL POST BASE TO BE CLEANED AND PAINTED FOR REUSE; RE: STRUCT.
09 11 13.TMG	TYPICAL MOLD GROWTH AT EDGE OF DECK; CLEAN PRIOR TO REPAINTING

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



06.11.25
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PROFESSIONAL SEAL



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RENOVATION TO EXTERIOR,
BUILDING 27

FACILITY
JEFFERSON BARRACKS,
ST. LOUIS COUNTY,
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PROJECT # T2335-01
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CAD DWG FILE:
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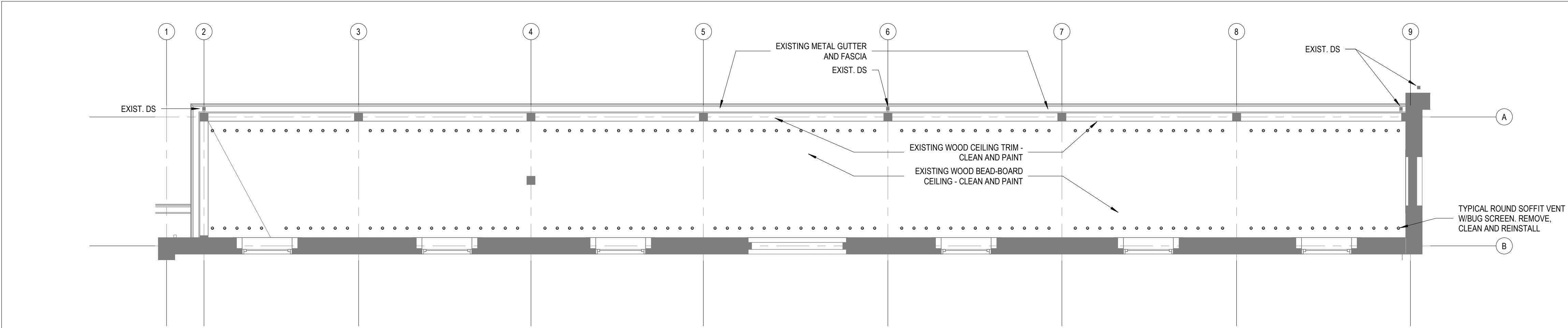
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DECK

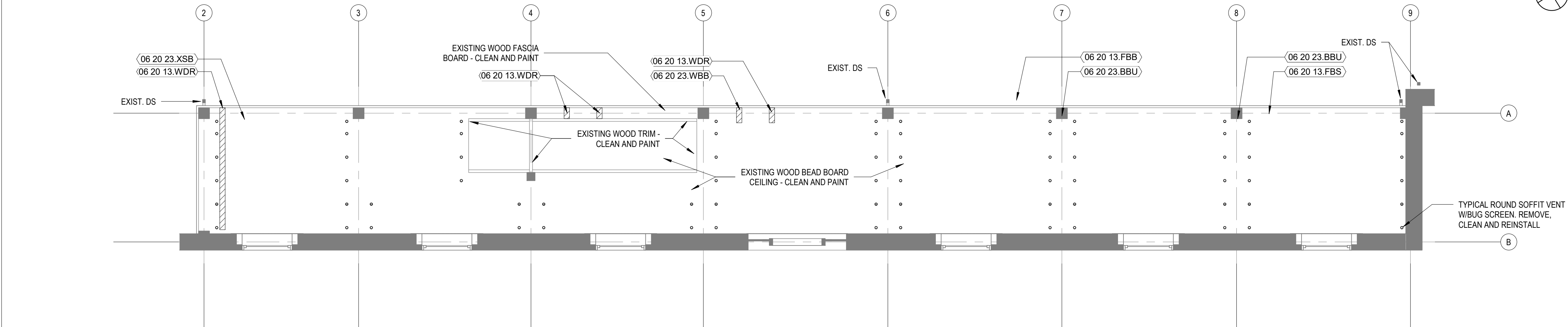
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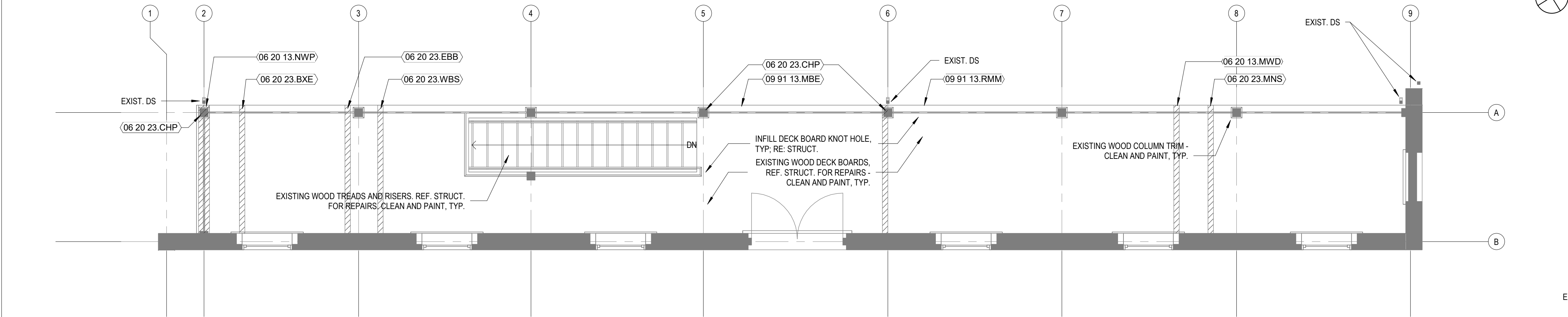
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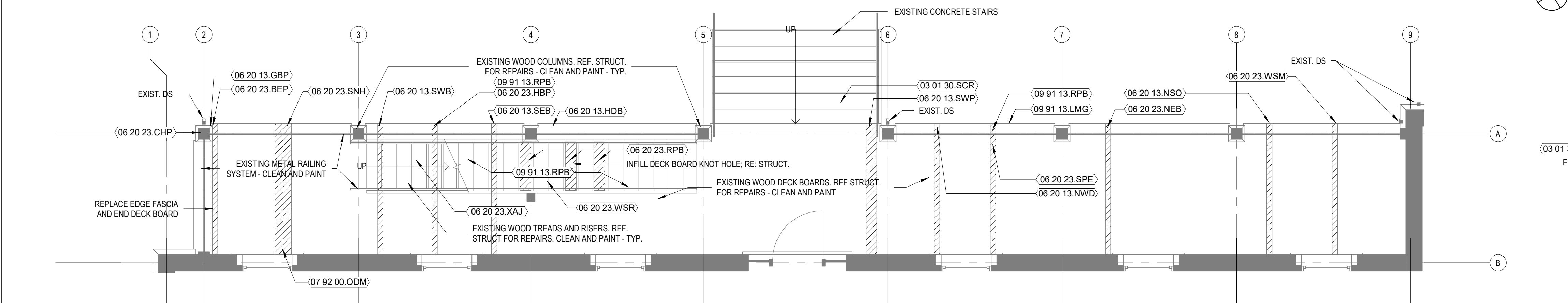
D1 REFLECTED CEILING PLAN - LEVEL 2 WEST PORCH
1/4" = 1'-0"



C1 REFLECTED CEILING PLAN - LEVEL 1 WEST PORCH
1/4" = 1'-0"



B1 PLAN - LEVEL 2 WEST PORCH
1/4" = 1'-0"

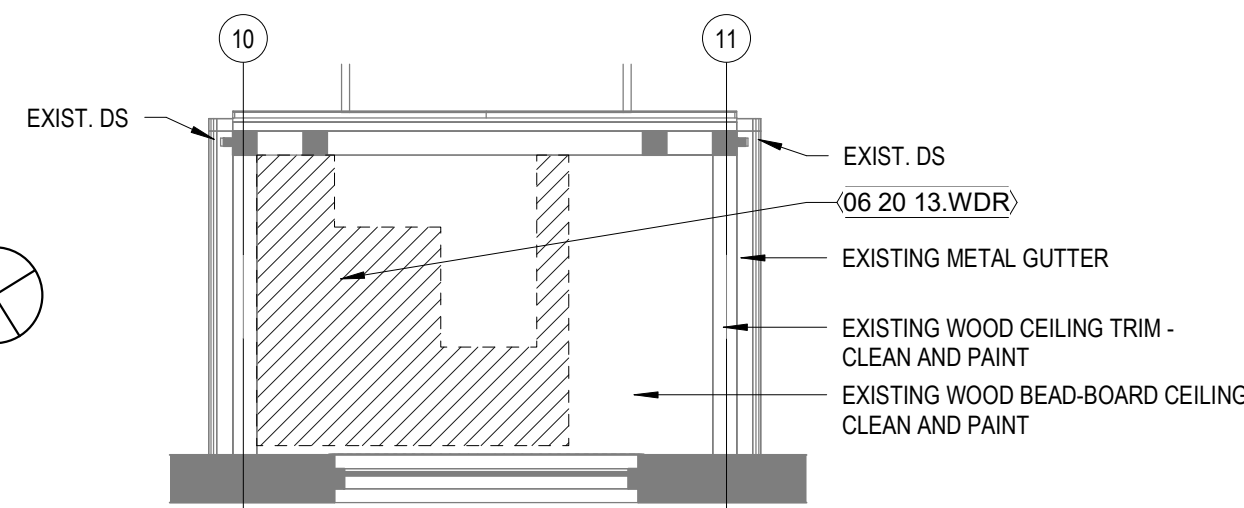


A1 PLAN - LEVEL 1 WEST PORCH
1/4" = 1'-0"

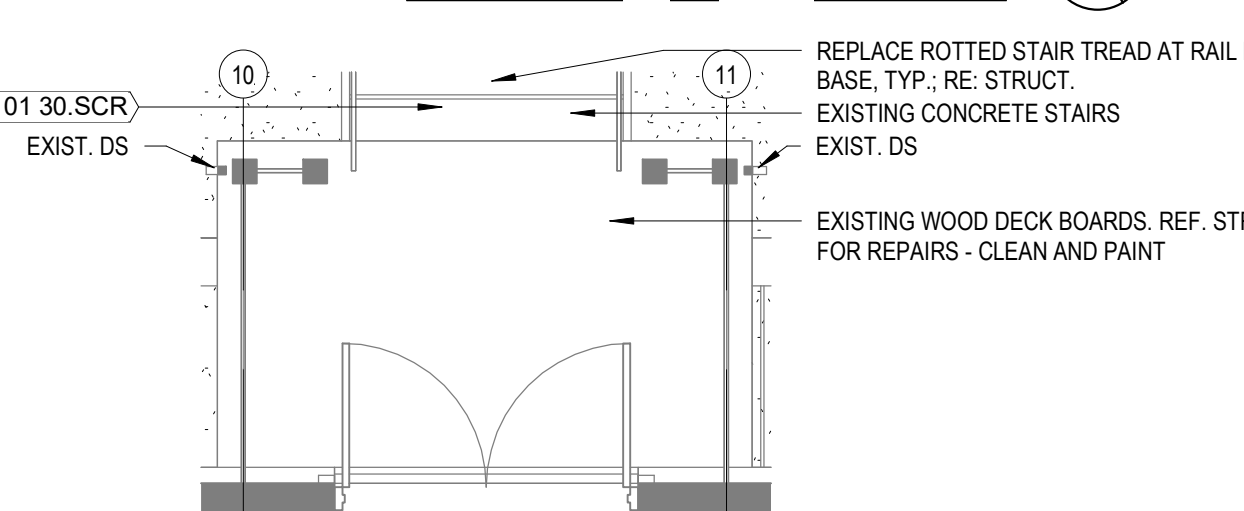
- GENERAL NOTES**
- DRAWINGS INDICATE APPROXIMATE LOCATION AND EXTENT OF REQUIRED REPAIRS. CONTRACTOR SHALL FIELD VERIFY QUANTITY OF WORK PRIOR TO SUBMITTING BID AND CONTACT OWNER REPRESENTATIVE IN CASE OF CONFLICTING CONDITIONS.
 - ALL SURFACES SHALL BE PREPARED AS REQUIRED TO RECEIVE SPECIFIED FINISH AS RECOMMENDED BY MANUFACTURER. CONTRACTOR SHALL INSPECT SURFACES TO RECEIVE FINISHES AND TAKE STEPS TO CORRECT UNFAVORABLE CONDITIONS BEFORE PROCEEDING WITH THE WORK.
 - THE FOLLOWING NORTH-FACING PORCH ELEMENTS ARE TO BE CLEANED AND REPAINTED. PAINT COLORS ARE TO MATCH EXISTING.
 - METAL HANDRAILS
 - WOOD TREADS AND RISERS
 - WOOD POSTS/COLUMNS AND TRIM
 - WOOD FLOOR DECK BOARDS
 - WOOD BEAD-BOARD CEILINGS
 - WOOD FASCIA BOARDS AND TRIM
 - GUTTER AND DOWNSPOUT DRAINS TO BE CLEARED OF ANY WASTE AND DEBRIS
 - ALL EXISTING BRICK, GRANITE WATER COARSE STONE, AND LIMESTONE ASHLAR BASE TO BE CLEANED. EXISTING METAL ELEMENTS EMBEDDED AND ATTACHED TO BRICK TO BE CLEANED. GENERAL MASONRY CLEANING TO BE INCLUDED AS ALTERNATE 01 - SEE SPECIFICATION SECTION 01 2300.
 - AT ALL EXISTING METAL LOUVER VENTS LOCATED BELOW WINDOW SILLS, REMOVE WIRE MESH, CLEAN AND PREP, PRIME AND PAINT. INSTALL NEW 1/4" X 1/4" WIRE MESH OVER VENT WITH NON-CORROSIVE FASTENERS.
 - SEE SHEETS A-403 AND A-404 FOR ILLUSTRATIONS OF EXISTING CONDITIONS RELATED TO KEYED NOTE REPAIRS.

KEYNOTE LEGEND	
KEYNOTE	KEYNOTE DESCRIPTION

03 01 30.SCR	REPAIR SPALLED CONCRETE AND EXPOSED REBAR; RE-STRUCT.
06 20 13.FBB	RESECURE BEAD BOARD HANGING DOWN AT NORTH END
06 20 13.FBS	RESECURE BEAD BOARD SAGGING AT NORTH END
06 20 13.GBP	GAP AND SEPARATION OF DECK BOARD AND EDGE PIECE. REPLACE; RE-STRUCT.
06 20 13.HDB	DECK BOARD WITH KNOT HOLE. REPLACE
06 20 13.MWD	MOSS GROWTH AND WATER DAMAGE AT SMALL SPLIT IN BOARD. REPLACE; RE-STRUCT.
06 20 13.NSO	DECK BOARDS NOTCHED AND SOFT AT BOTTOM SURFACE AT OVERHANG. REPLACE
06 20 13.NWD	REPLACE DECK BOARDS WITH SPLIT/NOTCH AND WATER DAMAGE AT EDGES. RE-STRUCT.
06 20 13.NWP	SMALL NOTCH AND SOFT WOOD IN DECK BOARD BEHIND POST
06 20 13.SEB	SPLIT ALONG EDGE OF DECK BOARD SOFT WOOD; REPLACE. RE-STRUCT.
06 20 13.SWB	SPLIT ACROSS WIDTH OF DECK BOARD; REPLACE
06 20 13.SWP	DECK BOARD SOFT ALONG WEST SIDE OF PILASTER. REPLACE; RE-STRUCT.
06 20 13.WDR	REPLACE WOOD BEAD BOARD
06 20 23.BBU	REPLACE UNEVEN BEAD BOARD SOUTH OF POST
06 20 23.BEP	REPLACE BROKEN DECK EDGE AT PILASTER
06 20 23.BXE	REPLACE DECK BOARD SPLIT ALONG EDGE
06 20 23.CHP	CHECKING AT POST. TYP. CONSOLIDATE WITH EPOXY PRIOR TO RE-PAINTING
06 20 23.EBB	END OF DECK BOARD IS BROKEN. REPLACE; RE-STRUCT.
06 20 23.HBP	HEAVE IN DECK BOARDS AT RAILING POST. REPLACE; RE-STRUCT.
06 20 23.MNS	MOSS GROWTH AND NOTCH AT BOARD SURFACE. REPLACE
06 20 23.NEB	WOOD DECKING NOTCHED AT END, SOFT AND MOIST AT BOTTOM SURFACE. REPLACE. RE-STRUCT.
06 20 23.RPB	REPLACE ROTTED STAIR TREADS AT RAILING POST
06 20 23.SNH	SPLITTING, NOTCHED ENDS IN DECKING. REPLACE. RE-STRUCT.
06 20 23.SPE	ROTTED DECKING FROM RAILING POST BASE TO EDGE OF DECK. REPLACE. RE-STRUCT.
06 20 23.WBB	REPLACE WATER DAMAGED BEARD BOARD
06 20 23.WBS	REPLACE WATER DAMAGED DECK BOARD
06 20 23.WSM	REPLACE DAMAGED WOOD DECKING
06 20 23.WSR	WATER DAMAGED STAIR TREADS; REPLACE. RE-STRUCT.
06 20 23.XAJ	SPLITTING AT 2X12 JOIST. REPLACE. RE-STRUCT.
06 20 23.XSB	REPLACE SPLIT AND SAGGING BEAD BOARD
07 92 00.ODM	RECAULK OPEN JOINT BETWEEN DECK AND TRIM MOLDING AT WALL
09 91 13.LMG	REMOVE LIGHT MOSS GROWTH ON DECK SURFACE BETWEEN BOARDS PRIOR TO REPAINTING
09 91 13.MBE	MOSS GROWTH BETWEEN BOARD EDGES; CLEAN PRIOR TO REPAINTING
09 91 13.RMM	TYPICAL MOSS AND MOLD GROWTH; CLEAN PRIOR TO REPAINTING
09 91 13.RPB	RAIL POST BASE TO BE CLEANED AND PAINTED FOR REUSE. RE-STRUCT.



B6 REFLECTED CEILING PLAN - LEVEL 1 PORCH
1/4" = 1'-0"



A6 ENLARGED PLAN - LEVEL 1 PORCH
1/4" = 1'-0"

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



Trivers Associates, Inc.
Missouri State Certificate of Authority # 000549
PROFESSIONAL SEAL



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380 North 18th Street, Suite 100
St. Louis, MO 63103
314-241-2900

OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT, DESIGN
AND CONSTRUCTION

RENOVATION TO EXTERIOR,
BUILDING 27

FACILITY
JEFFERSON BARRACKS,
ST. LOUIS COUNTY,
MISSOURI

PROJECT # T2335-01
SITE # 6303
FACILITY #

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 06.11.2025

CAD DWG FILE:
DRAWN BY: CS
CHECKED BY: AG
DESIGNED BY: JW

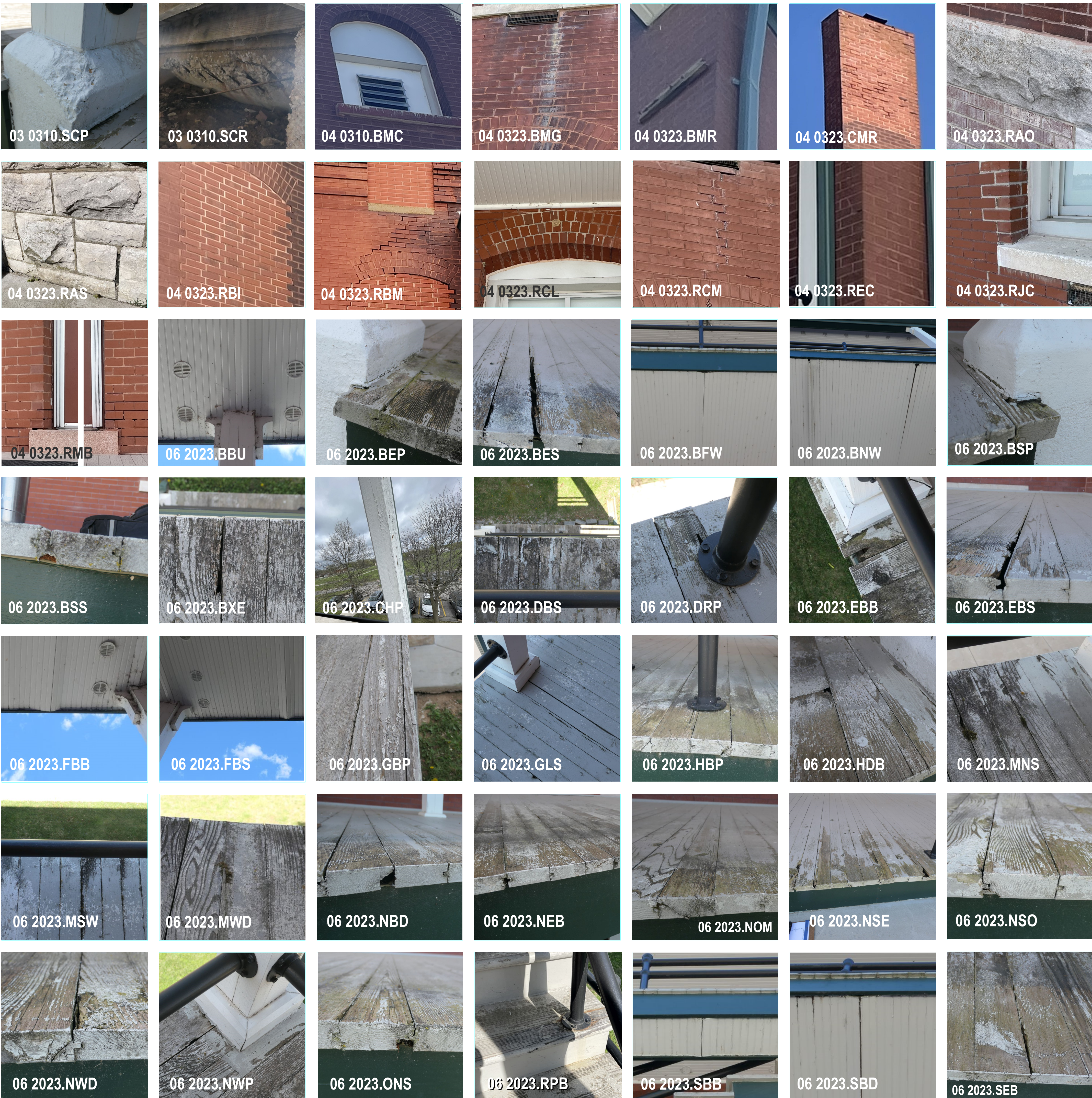
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ENLARGED
PLANS - WEST
DECK AND
FRONT PORCH

SHEET NUMBER:

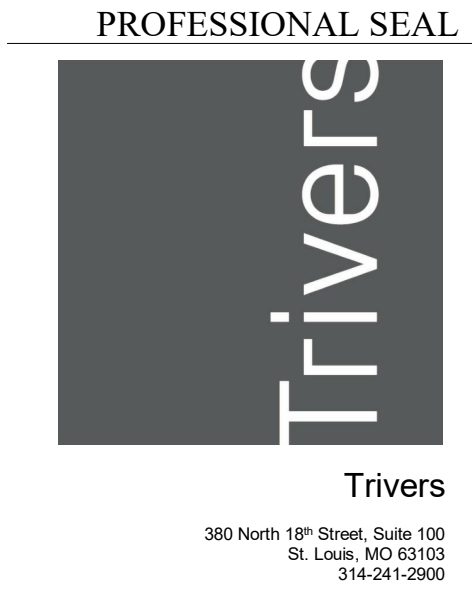
A-402

06.11.2025



PROJECT KEYNOTES	
KEYNOTE	KEYNOTE DESCRIPTION
03 01 30.SCP	REPAIR SPALLED CONCRETE AT PILASTER; RE: STRUCT.
03 01 30.SCR	REPAIR SPALLED CONCRETE AND EXPOSED REBAR; RE: STRUCT.
04 03 10.BMC	CLEAN SILL
04 03 23.BMG	GRIND JOINTS AND REPOINT BRICK AT PREVIOUS REPAIRS AND FILL MORTAR LOSS. CLEAN STAIN.
04 03 23.BMR	REMOVE WOOD ON FACE OF BRICK AND REPAIR HOLES FROM ANCHORS
04 03 23.CMR	CHIMNEY MORTAR LOSS. MASON TO REVIEW INTERIOR WYTHE CONDITION. IF MORTAR LOSS PRESENT ON INTERIOR WYTHE OF CHIMNEY, RECONSTRUCT EXTENT SHOWN IN ELEVATION. IF MORTAR LOSS LIMITED TO EXTERIOR WYTHE, REPOINT IN PLACE.
04 03 23.EDB	REMOVE EXISTING DARK-COLOR BRICK AND REPLACE WITH BRICK TO MATCH BUILDING. REPOINT.
04 03 23.GJS	RE-GROUT VERTICAL JOINT IN WATERCOURSE STONE
04 03 23.HPR	REMOVE EXISTING HOLE. PATCH AND REPLACE WITH BRICK TO MATCH ADJACENT. CLEAN ALL PATCH MATERIAL FROM FACE OF BRICK TO REMAIN.
04 03 23.RAO	REPAIR CRACK IN GRANITE WATERCOURSE STONE WITH DISPERSED HYDRATED LIME INJECTED MORTAR.
04 03 23.RAS	REPOINT MORTAR AT EXTERIOR ASHLAR STONE
04 03 23.RBB	REPLACE BROKEN BRICK WITH BRICK TO MATCH ADJACENT
04 03 23.RBI	REPOINT MORTAR AT PERIMETER OF BRICK INFILL
04 03 23.RBM	REPLACE BRICK AND MORTAR LOSS, RE: STRUCT.
04 03 23.REC	REPOINT MORTAR AT EXTERIOR BRICK CORNER
04 03 23.RLM	REMOVE DELAMINATED MORTAR PARGE AND REPOINT JOINTS
04 03 23.RMB	REPOINT MORTAR AT EXISTING BRICK. REPLACE CRACKED OR BROKEN BRICKS WITH NEW BRICKS WITH NEW BRICK TO MATCH ADJACENT.
06 20 13.FBB	RESECURE BEAD BOARD HANGING DOWN AT NORTH END
06 20 13.FBS	RESECURE BEAD BOARD SAGGING AT NORTH END
06 20 13.GBP	GAP AND SEPARATION OF DECK BOARD AND EDGE PIECE. REPLACE; RE: STRUCT.
06 20 13.HDB	DECK BOARD WITH KNOT HOLE; REPLACE
06 20 13.MWD	MOSS GROWTH AND WATER DAMAGE AT SMALL SPLIT IN BOARD. REPLACE; RE: STRUCT.
06 20 13.NBD	NOTCHED BOARD AT DECK EDGE, SLIGHTLY SOFT WOOD. CONSOLIDATE WITH EPOXY PRIOR TO REPAINTING
06 20 13.NSO	DECK BOARDS NOTCHED AND SOFT AT BOTTOM SURFACE AT OVERHANG; REPLACE
06 20 13.NWD	REPLACE DECK BOARDS WITH SPLIT/NOTCH AND WATER DAMAGE AT EDGES; RE: STRUCT.
06 20 13.NWP	SMALL NOTCH AND SOFT WOOD IN DECK BOARD BEHIND POST
06 20 13.SEB	SPLIT ALONG EDGE OF DECK BOARD SOFT WOOD. REPLACE; RE: STRUCT.
06 20 13.SFB	REPAIR AND REPAINT FASCIA BOARD; RE: STRUCT.
06 20 13.SMG	SOFT/MOIST WOOD AT DECK BOARD OVERHANG WITH MOSS GROWING AT END GRAIN. REPLACE; RE: STRUCT.
06 20 13.SSE	SPONGY AT END OF DECK BOARD AND SOFT ALONG EDGE OF DECK BOARD; REPLACE.
06 20 13.SSF	FASCIA BOARD SPLITTING AND A LITTLE SOFT AT TEH END. REPLACE; RE: STRUCT.
06 20 13.SWB	SPLIT ACROSS WIDTH OF DECK BOARD; REPLACE
06 20 13.SWP	DECK BOARD SOFT ALONG WEST SIDE OF PILASTER. REPLACE; RE: STRUCT.
06 20 13.SWW	DECK WOOD SOFT AND WET AT EDGE OF BOARD REPLACE; RE: STRUCT.
06 20 13.WDR	REPLACE WOOD BEAD BOARD
06 20 23.BBU	REPLACE UNEVEN BEAD BOARD SOUTH OF POST
06 20 23.BEP	REPLACE BROKEN DECK EDGE AT PILASTER
06 20 23.BES	REPLACE BROKEN DECK ALONG EDGE. ADJACENT DECK OARD IS NOTCHED AND SPLIT AT END
06 20 23.BNW	REPLACE BROKEN AND DAMAGED BEAD BOARD
06 20 23.BSP	DECK BOARD IS MOIST AND SPLIT AROUND PILASTER. REPLACE; RE: STRUCT.
06 20 23.BSS	REPLACE DRY-ROT DECK BOARDS; RE: STRUCT.
06 20 23.BXE	REPLACE DECK BOARD SPLIT ALONG EDGE
06 20 23.CHP	CHECKING AT POST, TYP. CONSOLIDATE WITH EPOXY PRIOR TO RE-PAINTING
06 20 23.DBS	DECK BOARD EDGES ARE SOFT AT OVERHANG. REPLACE; RE: STRUCT.
06 20 23.DRP	DECK BOARD ROTTING AT POST ATTACHMENT. REPLACE; RE: STRUCT.
06 20 23.EBB	END OF DECK BOARD IS BROKEN. REPLACE; RE: STRUCT.
06 20 23.EBS	EDGE OF DECK BOARD SPLIT OFF AND WOOD IS SOFT. REPLACE; RE: STRUCT.
06 20 23.GLS	REPLACE DECK BOARDS. DECKING NOT LEVEL AT POST AND SOFT TO THE WEST
06 20 23.HBP	HEAVE IN DECK BOARDS AT RAILING POST. REPLACE; RE: STRUCT.
06 20 23.MNS	MOSS GROWTH AND NOTCH AT BOARD SURFACE. REPLACE
06 20 23.MSW	MOIST/SOFT WOOD EXTENDING FROM EDGE AT BOARD. REPLACE; RE: STRUCT.
06 20 23.NEB	WOOD DECKING NOTCHED AT END. SOFT AND MOIST AT BOTTOM SURFACE. REPLACE; RE: STRUCT.
06 20 23.NOM	END OF BOARD IS SPLIT AND WOOD IS SOFT AT BOTTOM SURFACE. REPLACE
06 20 23.NSE	SEVERAL DECK BOARDS WITH NOTCHED AND SPLIT ENDS. SOFT AT OVERHANG, ROTTED AND MISSING SECTION AT ONE BOARD; REPLACE
06 20 23.ONS	REPLACE DRY ROT DECK BOARD
06 20 23.RPB	REPLACE ROTTED STAIR TREADS AT RAILING POST
06 20 23.SMR	DECKING MISSING WHERE RAIL ATTACHES TO DECK. REPLACE; RE: STRUCT.
06 20 23.SMT	SOFT AND MOIST DCKING; REPLACE; RE: STRUCT.
06 20 23.SNH	SPLITTING, NOTCHED ENDS IN DECKING. REPLACE; RE: STRUCT.
06 20 23.SPE	ROTTED DECKING FROM RAILING POST BASE TO EDGE OF DECK; REPLACE; RE: STRUCT.
06 20 23.SRS	DECK BOARD SOFT WITH ROT AT END OF UNDERSIDE, LIGHT SPLITTING AT TOP; REPLACE; RE: STRUCT.
06 20 23.SWN	SOFT DECK WOOD. LARGE NOTCH ALONG EDGE, POSSIBLE INSECT DAMAGE TO THE SOUTH. REPLACE; RE: STRUCT.
06 20 23.TBD	TRIM AT POST BASE IS WATER DAMAGED; REPLACE
06 20 23.TPS	TRIM PIECE SEPARATION; REPLACE
06 20 23.UGR	REPLACE UNEVEN BOARDS
06 20 23.WBB	REPLACE WATER DAMAGED BEARD BOARD
06 20 23.WBS	REPLACE WATER DAMAGED DECK BOARD
06 20 23.WDS	WOOD DECK IS DAMP AND SLIGHTLY SOFT. REPLACE; RE: STRUCT.
06 20 23.WEM	REPLACE WATER DAMAGED BOARD
06 20 23.WPM	REPLACE DAMAGED BOARD DECKING
06 20 23.WSM	REPLACE DAMAGED WOOD DECKING
06 20 23.WSP	REPLACE WOOD DECKING
06 20 23.WSR	WATER DAMAGED STAIR TREADS; REPLACE; RE: STRUCT.
06 20 23.WUN	REPLACE DECKING BOARDS
06 20 23.XAJ	SPLITTING AT 2X12 JOIST; REPLACE; RE: STRUCT.
06 20 23.XSB	REPLACE SPLIT AND SAGGING BEAD BOARD
07 71 00.DGC	CONNECTIONS AT DOWNSPOUTS AND GUTTERS TO BE CHECKED FOR SOUNDNESS AND REPAIRED/REPLACED. TYP
07 71 00.DGR	REPAIR MISSING SECTION OF DOWNSPOUT/GUTTER
07 71 00.RMF	REPLACE MISSING METAL FASCIA TRIM TO MATCH EXISTING
07 92 00.ODM	RECAULK OPEN JOINT BETWEEN DECK AND TRIM MOULDING AT WALL
09 91 13.LMG	REMOVE LIGHT MOSS GROWTH ON DECK SURFACE BETWEEN BOARDS PIOR TO REPAINTING
09 91 13.MAG	TYPICAL MOLD AND ALGAE GROWTH; CLEAN PRIOR TO REPAINTING
09 91 13.MBE	MOSS GROWTH BETWEEN BOARD EDGES; CLEAN PRIOR TO REPAINTING
09 91 13.MLB	AT METAL LOUVER BELOW WINDOW SILL REMOVE MESH CLEAN AND PAINT. COVER WITH NEW MESH.
09 91 13.PDF	PREP AND REPAINT HOLLOW METAL DOOR AND FRAME. REMOVE AND REPLACE PERIMETER SEALANT.
09 91 13.PML	PREP AND REPAINT METAL LOUVER. REMOVE AND REPLACE PERIMETER SEALANT.
09 91 13.RMM	TYPICAL MOSS AND MOLD GROWTH; CLEAN PRIOR TO REPAINTING
09 91 13.RPB	RAIL POST BASE TO BE CLEANED AND PAINTED FOR REUSE; RE: STRUCT.
09 91 13.TMG	TYPICAL MOLD GROWTH AT EDGE OF DECK; CLEAN PRIOR TO REPAINTING

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT, DESIGN
AND CONSTRUCTION

RENOVATION TO EXTERIOR,
BUILDING 27

FACILITY
JEFFERSON BARRACKS,
ST. LOUIS COUNTY,
MISSOURI

PROJECT # T2335-01
SITE # 6303
FACILITY #

REVISION: _____
DATE: _____
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DATE: _____

ISSUE DATE: 06.11.2025

CAD DWG FILE: _____
DRAWN BY: CS
CHECKED BY: AG
DESIGNED BY: JW

SHEET TITLE:
DETAIL PHOTOS

SHEET NUMBER:

A-403

06.11.2025

