FRESNO VAMC REPAIR EXTERIOR FINISHES, BUILDING 1 & OPC

U.S. DEPARTMENT OF VETERANS AFFAIRS

GENERAL NOTES

1- THE INTENT OF THESE CONTRACT DRAWINGS ARE TO PRESCRIBE THE CONSTRUCTION AND COMPLETION OF THE WORK. WHERE THE CONTRACT DRAWINGS DESCRIBE PORTIONS OF THE WORK OR EQUIPMENT IN GENERAL TERMS, BUT NOT IN COMPLETE DETAILS OR REQUIRED HARDWARE OR DEVICES, THE BEST GENERAL PRACTICE SHALL BE FOLLOWED AND ONLY NEW MATERIAL AND WORKMANSHIP OF BEST STANDARD QUALITY SHALL BE USED, UNLESS OTHERWISE SPECIFIED. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, TOOLS, EQUIPMENT AND INCIDENTALS WHICH ARE NECESSARY TO COMPLETE THE WORK IN A SUBSTANTIAL AND WORKMANLIKE WAY.

2- THE CONTRACTORS SHALL VISIT THE SITE PRIOR TO BIDDING AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITION AND THE EXTENT OF THE WORK. THE CONTRACTORS SHALL VERIFY ALL EXISTING CONDITIONS SHOWN ON THE DRAWINGS. REASONABLE ASSUMPTIONS SHALL BE MADE FOR ITEMS NOT CLEARLY VISIBLE AND COST SHALL BE INCLUDED IN THE CONTRACT. WAIVER OF RESPONSIBILITY OR REQUEST FOR ADDITIONAL PAYMENT BASED ON LACK OF KNOWLEDGE OF THE EXISTING CONDITION AT THE SITE SHALL BE NOT ACCEPTED.

3- ALL OF THE CONSTRUCTION WORK INCLUDING MECHANICAL, ELECTRICAL AND PLUMBING SHALL BE PERFORMED BY REGISTERED AND LICENSED CONTRACTORS. EACH CONTRACTOR IS RESPONSIBLE FOR THEIR PART OF CONSTRUCTION WORK FOR CONSTRUCTION MEANS, METHODS, PROCEDURES AND SAFETY OF THE CONSTRUCTION CREW.

4- THE CONTRACTORS SHALL FOLLOW APPLICABLE CODES AND REGULATIONS IN PERFORMING THE CONSTRUCTION WORK INCLUDING THE SAFETY REQUIREMENTS OF THE JOB SITE. NO WORK SHALL BEGIN PRIOR TO ISSUING OF THE BUILDING PERMIT. NOTIFY THE ARCHITECT OF ANY CHANGES MADE ON THE PERMIT PLANS, INCLUDING SUBCONTRACTOR'S PERMITS, PRIOR TO COMMENCEMENT OF THE CONSTRUCTION WORK.

5- ALL EQUIPMENT SHALL BE NEW (UNLESS NOTED OTHERWISE) AND SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION UNLESS NOTED OTHERWISE.

6- THE CONSTRUCTION WORK SHALL BE PERFORMED IN AN OCCUPIED BUILDING, THE CONTRACTOR SHALL AT ALL TIMES KEEP THE NOISE AND DUST DOWN IN ORDER NOT TO DISTURB THE OCCUPANTS. COORDINATE THE WORK WITH RESPECTIVE TENANT AND NOTIFY THEM OF ANY DISRUPTION IN BUILDING SERVICES PRIOR TO SUCH WORK. SCHEDULE THE CONSTRUCTION WORK IN ORDER TO MINIMIZE DISRUPTION TO THE TENANT OPERATION. THE CONTRACTOR SHALL OBTAIN THE TENANT'S APPROVAL OF THE CONSTRUCTION SCHEDULE PRIOR TO THE BEGINNING OF THE CONSTRUCTION WORK.

7- THE CONTRACTORS SHALL BE RESPONSIBLE FOR ALL THE DIMENSIONS AND JOB CONDITIONS. NOTIFY THE ARCHITECT OF ANY DEVIATIONS AND/OR DISCREPANCIES BEFORE ANY CONSTRUCTION OR FABRICATION. CONTRACTORS SHALL NOT OBTAIN DIMENSIONS BY SCALING THE PLANS.

8- THE CONTRACTORS SHALL COORDINATE ALL DETAILS WITH PLANS AND WHERE DETAILS NOT SHOWN ON THE DRAWINGS, IF NECESSARY, PREPARE SHOP DRAWINGS SHOWING COMPLETE DETAILS FOR CONSTRUCTION AND RELATION TO ADJACENT ELEMENTS. THE SHOP DRAWINGS SHALL BE FORWARDED TO THE ARCHITECT FOR REVIEW AND COMMENT.

9- ALL PAINTS, CARPET AND OTHER FINISHES SHALL BE IN ACCORDANCE WITH THE APPLICABLE CODES FOR FLAME SPREAD AND SMOKE DEVELOPMENTS, ETC.

10- WHERE WALLS, FINISHES, ETC. ARE INDICATED TO BE REMOVED, REPAIR AND PREPARE THE REMAINING SURFACES FOR THE NEW FINISHES AND PROVIDE LABOR AND MATERIALS NEEDED FOR A COMPLETE REFINISHING JOB.

11- WHERE ITEMS ARE REQUIRED TO BE RELOCATED, PROVIDE MEANS NEEDED FOR RELOCATION AND COMPLETE REINSTALLATION.

12- IF AN ITEM SPECIFIED IS NOT AVAILABLE IN THE MARKET WITHIN THE TIME FRAME REQUIRED, SUBMIT A SUBSTITUTE TO THE ARCHITECT FOR APPROVAL. SUBSTITUTED ITEM(S) SHALL MEET OR EXCEED THE REQUIREMENTS OF THOSE SPECIFIED, UNLESS NOTED THAT SUBSTITUTIONS ARE NOT ACCEPTABLE.

13- DISPOSE MATERIALS AND ITEMS REMOVED FROM BUILDING OFF SITE AT THE END OF EACH DAY.

14- THE CONTRACTORS IS RESPONSIBLE TO NOTIFY THE LOCAL BUILDING INSPECTION AUTHORITIES FOR INSPECTION, AS REQUIRED, DURING THE CONSTRUCTION. OBTAIN ALL FINAL INSPECTIONS AND APPROVALS PRIOR TO THE SUBSTANTIAL COMPLETION OF THE WORK AND ALL THE APPROVAL NOTICES TO THE OWNER.

15- THE CONTRACTOR SHALL GUARANTEE THAT THE ENTIRE WORK OF THIS CONTRACT BE FREE OF DEFECTS FOR ONE YEAR FROM COMPLETION OF THIS CONTRACT. ANY DEFECT OCCURRING DURING THE GUARANTEE PERIOD SHALL BE CORRECTED AT NO COST TO THE OWNER AND PROMPTLY CORRECTED. FORWARD ALL MANUFACTURER'S WARRANTIES, WHERE APPLICABLE TO THE OWNER.

16- IN CASE OF DISCREPANCIES BETWEEN DIFFERENT PARTS OF PLANS, DETAILS BETWEEN DRAWINGS AND SPECIFICATIONS, THE MOST STRINGENT REQUIREMENTS SHALL APPLY, UNLESS OTHERWISE DETERMINED BY THE ARCHITECT. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PROMPTLY. CONTRACTOR SHALL PROVIDE CREDIT, IF LESS STRINGENT REQUIREMENT SELECTED BY THE ARCHITECT.

17- EXCLUSION OF THE REQUIREMENTS OF THESE DRAWINGS FROM THE CONSTRUCTION CONTRACT IS NOT ACCEPTABLE. REASONABLE ASSUMPTION SHALL BE MADE FOR TIME REQUIRED TO OBTAIN LOCAL PERMITS AND TIME SHALL BE CONSIDERED IN THE CONSTRUCTION SCHEDULE. REQUEST FOR ADDITIONAL TIME FOR OBTAINING REQUIRED PERMITS WILL NOT BE ACCEPTABLE. ALL REQUIRED PERMIT APPLICATIONS AND SUBMITTALS SHALL BE DONE IN A TIMELY FASHION AND IMMEDIATELY AFTER THE AWARD OF THE CONSTRUCTION CONTRACT IN ORDER NOT TO DELAY THE APPROVAL PROCESS.

APPLICABLE CODES

2021 IBC, 2021 INTERNATIONAL BUILDING CODE, PREPARED BY THE
INTERNATIONAL CODE COUNCIL, WASHINGTON, D.C.

CBC 2022, CALIFORNIA BUILDING CODE
ASCE 7-16, SUPPLEMENT 1 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
ACI 318-19, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE

NATIONAL ELECTRICAL SAFETY CODE, ANSI C2

NFPA 10-2021, STANDARD FOR PORTABLE FIRE EXTINGUISHERS
NFPA 13-2021, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
NFPA 14-2021, STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS
NFPA 20-2021, STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS
NFPA 72-2021, NATIONAL FIRE ALARM AND SIGNALING CODE
NFPA 88A-2021, STANDARD FOR PARKING STRUCTURES
NFPA 101-2021, LIFE SAFETY CODE

APPLICABLE STANDARDS

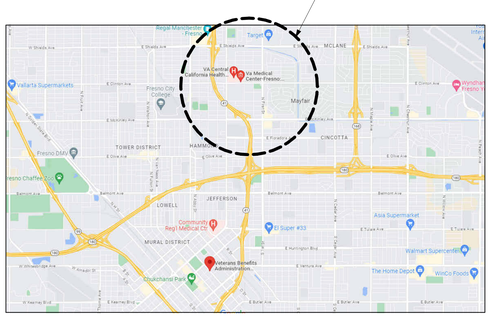
ASCE 7-16, MINIMUM DESIGN LOADS AND ASSOCIATED CRITERIA FOR BUILDINGS AND OTHER STRUCTURES, AMERICAN SOCIETY OF CIVIL ENGINEERS, RESTON, VIRGINIA.

CISPI 310, SPECIFICATION FOR COUPLING FOR USE IN CONNECTION WITH HUBLESS CAST IRON SOIL PIPE AND FITTINGS FOR SANITARY AND STORM DRAIN, WASTE, AND VENT PIPING APPLICATIONS, 2012.

U.S. DEPARTMENT OF VETERANS AFFAIRS, PG-18-3 DESIGN AND CONSTRUCTION PROCEDURES, 2019
U.S. DEPARTMENT OF VETERANS AFFAIRS, H-18-8 SEISMIC DESIGN REQUIREMENTS, 2019
U.S. DEPARTMENT OF VETERANS AFFAIRS, PG-18-10 DESIGN MANUALS.
U.S. DEPARTMENT OF VETERANS AFFAIRS, VA PARKING DESIGN MANUAL, 2016.
U.S. DEPARTMENT OF VETERANS AFFAIRS, PHYSICAL SECURITY DESIGN MANUAL, 2015.
U.S. DEPARTMENT OF VETERANS AFFAIRS VA ARCHITECTURAL DESIGN MANUAL, 2014.
U.S. DEPARTMENT OF VETERANS AFFAIRS, VA HEALING ENVIRONMENTS DESIGN GUIDELINES, 2016.
U.S. DEPARTMENT OF VETERANS AFFAIRS, VA MENTAL HEALTH DESIGN GUIDE, 2017
U.S. DEPARTMENT OF VETERANS AFFAIRS, VA SIGNAGE AND WAYFINDING DESIGN MANUAL, SECTIONS 04 AND 05, 2012.
ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARDS, 2015

NATIONAL ELECTRICAL MANUFACTURER`S ASSOCIATION (NEMA)

PROJECT VICINITY



VICINITY MAP

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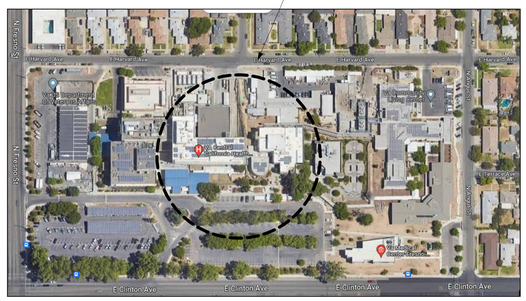
PROJECT SITE



AREA MAP

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SHEET LIST

GENERAL

G000	COVER SHEET
G001	ABBREVIATIONS & SYMBOLS
G002	SCOPE OF WORK NARRATIVE AND ADD ALTERNATES
G003	SCOPE OF WORK - MINIMUM BID QUANTITIES

DEMOLITION

AD100	LEVEL 1 DEMO FLOOR PLAN
AD200	OVERALL DEMO ROOF PLAN
AD308	DEMO-ENLARGED NORTH VESTIBULE ROOF PLAN & ELEV
AD309	DEMO-ENLARGED EAST VESTIBULE ROOF PLAN & ELEV
AD310	DEMO-ENLARGED SOUTH VESTIBULE ROOF PLAN & ELEV
AD502	ROOF - B1 EAST DEMO PLAN
AD503	OPC ROOF DEMO PLAN

ARCHITECTURAL

A100	LEVEL 1 FLOOR PLAN
A200	OVERALL ROOF PLAN
A301	OVERALL NORTH AND EAST ELEVATIONS
A302	OVERALL SOUTH AND WEST ELEVATIONS
A303	ENLARGED EAST ELEVATION
A304	ENLARGED NORTH ELEVATION
A305	ENLARGED PARTIAL SOUTH ELEVATION
A306	ENLARGED WEST ELEVATION
A307	ENLARGED PARTIAL NORTH AND SOUTH ELEVATIONS
A308	NEW-ENLARGED NORTH VESTIBULE PLANS & ELEV.
A309	NEW-ENLARGED EAST VESTIBULE PLANS & ELEV.
A310	NEW-ENLARGED SOUTH VESTIBULE PLANS & ELEV.
A311	NEW - VESTIBULE DETAILS
A312	OPC PENTHOUSE ELEVATIONS
A313	ELEVATOR MACHINE ROOM ELEVATIONS
A314	ENLARGED PARTIAL BLDG 1 SOUTH ELEVATION
A315	EAST WING BUILDING PENTHOUSES
A400	ENLARGED CHAPEL ROOF BRIDGE
A401	ENLARGED CHAPEL ROOF BRIDGE - STAIR DETAILS
A402	CORRIDOR ICRA PLAN
A403	ICRA MATRIX FOR CORRIDOR WORK
A501	BUILDING 1 ROOF PLAN - EAST WING
A502	BUILDING 1 ROOF PLAN - WEST WING
A503	OPC ROOF PLAN
A801	TERRA COTTA/ CONCRETE REPAIR DETAIL
A802	TERRA COTTA/ CONCRETE REPAIR DETAILS CONT.
A803	TERRA COTTA/ CONCRETE REPAIR DETAILS
A804	TERRA COTTA/ CONCRETE REPAIR DETAIL CONT.
A806	STUCCO AND EIFS DETAILS
A807	CONCRETE/ WINDOW SILL REPAIR DETAILS
A808	METAL SUNSHADE DETAILS
A810	STOREFRONT DETAILS - ALT A
A811	STOREFRONT DETAILS - ALT B
A812	OPC WINDOWS - LEVEL 1
A813	OPC WINDOWS - UPPER LEVELS
A820	ROOF DETAILS
A821	ROOF DETAILS
A830	DOOR SCHEDULE

STRUCTURAL

SG.1	STRUCTURAL NOTES AND INDEX SHEET
SG.2	STRUCTURAL SPECIAL INSPECTION NOTES
S2.3	PARTIAL FURRING PLAN - LEVEL 3
SS.1	TYPICAL DETAILS

ELECTRICAL

EG.1	ELECTRICAL COVER SHEET
EP2.1	ELECTRICAL DEMOLITION AND REMODEL PLAN - LEVEL 1
EP2.2	ELECTRICAL REMODEL PLAN - CHAPEL ROOF

MECHANICAL

H0.1	HVAC GENERAL NOTES & SHEET INDEX
H2.1	VESTIBULE PARTIAL FLOOR PLAN

PROJECT INFORMATION

VA PROJECT NO: 570-21-108
APN: 445-270-08
ADDRESS: 2615 CLINTON AVE, FRESNO CA 93703
SITE ACRES: 16.75
BUILDING AREA: 247,860 SF

GOVERNING AGENCY: UNITED STATES OF AMERICA, U.S. DEPT. OF VETERANS AFFAIRS

SCOPE OF WORK: SCOPE OF WORK IS LIMITED TO THE EXTERIOR FINISHES REPAIRS OF THE BUILDING, EXTERIOR GLAZING REPLACEMENT, AND ROOF REPLACEMENT. IT IS ENVISIONED THAT WORK INSIDE THE BUILDING WILL BE LIMITED TO ACCESS TO THE EXTERIOR FACADE. THERE ARE NO CHANGES TO ANY USE WITHIN THE FACILITY.

REFER TO SHEET G002 FOR A DETAILED DESCRIPTION OF THE SCOPE OF WORK AND ADD ALTERNATES.

SCOPE 1 - BUILDING 1 AND OPC ENVELOPE REPAIRS | AREA OF EXTERIOR FACADES: 92,822 SF
SCOPE 2 - BUILDING 1, OPC, OPC 2 GLAZING | AREA OF DISTURBANCE: 1,175 SF
SCOPE 3 - ROOF REPAIR OF LOWER ROOF OF OPC & WEST WING OF BUILDING 1 | AREA OF REPAIR WORK: 20,444 SF
SCOPE 4 - STAIR ACCESS FROM OPC TO BUILDING 1 CHAPEL ROOF | AREA OF DISTURBANCE: 10 SF
SCOPE 5 - REPAIR STOREFRONT NORTH, SOUTH & EAST DEMOLITION VESTIBULE BUILDING 1 | AREA OF REPAIR WORK: 113 SF
SCOPE 6 - OPC BALLAST ROOF DEMOLITION | OPC ROOF AREA REPLACEMENT: 11676 SF
SCOPE 7 - BUILDING 1 WEST WING ROOF, BRIDGE ROOF & CHAPEL ROOF REPLACEMENT | WEST WING BLDG 1 ROOF AREA REPLACEMENT: 16432 SF

BUILDING OCCUPANCY: I-2 HOSPITAL, B - OFFICE, OUTPATIENT CLINIC

CONSTRUCTION TYPE: I-A WITH AUTOMATIC FIRE SPRINKLERS

ALLOWABLE BUILDING AREA: UNLIMITED

ALLOWABLE BUILDING HEIGHT: UNLIMITED

Revisions:	Date:

CONSULTANT

ARCHITECT / ENGINEER OF RECORD

paradigm
Architecture | Engineering | Design-Build
9000 Wessex Place, Suite 202, Louisville, KY 40222
www.paradigmusa.com

STAMP

AARON RUMPLE LICENSED 6510 KANSAS ARCHITECT 1-23-2026

Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
COVER SHEET	100% NOT FOR CONSTRUCTION BID DOCUMENTS	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	570-21-108
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Building Number
		Issue Date: 1-23-2026 / Checked: AR / Drawn: TL	Drawing Number: G000

VA FORM 08 - 6231

Autodesk Docs://FRE2201 - Fresno Repair Exterior Finishes, Building 1 & Outpatient/FRE2201-A - VA Fresno Exterior.rvt

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GENERAL ABBREVIATIONS

Ø DIAMETER
& AND
@ AT
# NUMBER, POUND
± APPROXIMATELY
(E) EXISTING

AB ANCHOR BOLT
ABR ABRASIVE
ABV ABOVE
AC AIR CONDITIONING
ACC ACCESS(IBLE)
ACIP ARCHITECTURAL CAST IN PLACE CONCRETE
ACOUS ACOUSTIC(AL)
ACT ACOUSTICAL CEILING TILE
AD AREA DRAIN
ADH ADHESIVE
ADJ ADJACENT, ADJUSTABLE
AFF ABOVE FINISHED FLOOR
AGGR AGGREGATE
AIB AIR INFILTRATION BARRIER
AL ALUMINUM
ALT ALTERNATE
AP ACCESS PANEL
APC ARCHITECTURAL PRECAST CONCRETE
APPROX APPROXIMATE
ARCH ARCHITECT(URAL)
AVB AIR & VAPOR BARRIER

BD BOARD
BG BUMPER GUARD
BIT BITUMINOUS
BKR BACKER
BLDG BUILDING
BLK BLOCK
BLKG BLOCKING
BLW BELOW
BM BEAM, BENCHMARK
BOT BOTTOM
BR BEDROOM
BRCG BRACING
BRG BEARING
BRK BRICK
BRKT BRACKET
BS BOTH SIDES, BACKSPLASH
BSMT BASEMENT
BTWN BETWEEN

C/C CENTER TO CENTER
CAB CABINET
CB CATCH BASIN, CHALKBOARD, CONTROL BOX
CBP COMPOSITE BUILDING PANEL
CEM CEMENT
CFI CONTRACTOR FURNISHED AND INSTALLED
CFMF COLD FORMED METAL FRAMING
CG CORNER GUARD
CH CEILING HEIGHT
CI CAST IRON
CIP CAST IN PLACE CONCRETE
CJ CONTROL JOINT
CL CENTERLINE, CLOSET
CLG CEILING
CLR CLEAR
CMPTR COMPUTER
CMU CONCRETE MASONRY UNIT
COL COLUMN
COMM COMMUNICATION
COMP COMPRESSIBLE
CONC CONCRETE
CONF CONFERENCE
CONST CONSTRUCTION
CONST JT CONSTRUCTION JOINT
CONT CONTINUOUS
CONTR CONTRACTOR
CONV CONVECTOR
COORD COORDINATE
CORR CORRIDOR, CORRUGATED
CP COMMON PATH (OF TRAVEL)
CPT CARPET
CR CRASH RAIL
CRS COURSE
CS CAST STONE
CSK COUNTERSUNK
CSWK CASEWORK
CT CERAMIC TILE
CTR CENTER
CTS COUNTERTOP SINK
CUB CUBICLE
CUH CABINET UNIT HEATER

D DEPTH
DBL DOUBLE
DEMO DEMOLITION
DEPT DEPARTMENT
DET DETAIL
DF DRINKING FOUNTAIN
DIA DIAMETER
DIM DIMENSION
DISP DISPENSER
DMPF DAMPPROOFING
DN DOWN
DO DITTO
DR DOOR
DS DOWNSPOUT
DW DISHWASHER
DWG DRAWING
DWL DOWEL
DWR DRAWER
DWTR DUMBWAITER

EA EACH
EB EXPANSION BOLT
EF EACH FACE
EIFS EXTERIOR INSULATION & FINISH SYSTEM
EJ EXPANSION JOINT
EL ELEVATION (GRADE, FLOOR)
ELEC ELECTRIC(AL)
ELEV ELEVATION (BLDG), ELEVATOR
EMBMT EMBEDMENT
EMER EMERGENCY
ENCL ENCLOSURE
ENGR ENGINEER(ING)
ENTR ENTRANCE
EP ELECTRICAL PANELBOARD
EQ EQUAL
EQUIP EQUIPMENT
EW EACH WAY
EWC ELECTRIC WATER COOLER
EWS EYE WASH STATION
EXH EXHAUST
EXIST EXISTING
EXP EXPANSION
EXT EXTERIOR
EXTR EXTRUDED

FA FIRE ALARM
FCU FAN COIL UNIT
FD FLOOR DRAIN
FDC FIRE DEPARTMENT CONNECTION
FDN FOUNDATION
FE FIRE EXTINGUISHER
FEC FIRE EXTINGUISHER CABINET
FF FINISH FLOOR
FGB FIBERGLASS FACED SILICONE TREATED GYPSUM CORE SHEATHING BOARD
FGL FIBERGLASS
FH FLATHEAD
FIN FINISH
FL FLASHING
FLDG FOLDING
FLR FLOOR
FLUOR FLUORESCENT
FM FLOOR MAT
FOC FACE OF CONCRETE
FOF FACE OF FINISH
FOM FACE OF MASONRY
FOW FACE OF WALL
FP FROST PROOF
FPRF FIREPROOF(ED)(ING)
FR FRAME
FRT FIRE RETARDANT TREATED
FS FAR SIDE, FULL SIZE
FSFG FIRE SAFING
FSP FIRE STAND PIPE
FT FOOT, FEET
FTG FOOTING
FTR FINNED TUBE RADIATION
FURN FURNITURE
FURR FURRING
FUT FUTURE
FWC FABRIC WALL COVERING
FXTR FIXTURE

GA GAUGE
GALV GALVANIZED
GC GENERAL CONTRACTOR
GFRG GLASS FIBER REINFORCED GYPSUM
GGBFS GROUND GRANULATED BLAST FURNACE SLAG
GL GLASS
GR GRADE
GRC GLASS FIBER REINFORCED CONCRETE
GRL GRILLE
GRTG GRATING
GSF GROSS SQUARE FEET
GSKT GASKET
GWB GYPSUM WALLBOARD
GYP GYPSUM

H HIGH
HC HANDICAPPED
HCT HANDICAPPED ACCESSIBLE TOILET
HD HEAD
HDBD HARDBOARD
HDW HARDWARE
HDWD HARDWOOD
HFS HALF FULL SIZE
HGT HEIGHT
HM HOLLOW METAL
HORIZ HORIZONTAL
HP HIGH POINT, HIGH PRESSURE, HORSE POWER
HR HOUR, HANDRAIL
HVAC HEATING, VENTILATION, AIR CONDITIONING

ID INSIDE DIAMETER
IF INSIDE FACE
IN INCH
INCL INCLUDING
INS INSULATION
INT INTERIOR
INV INVERT

JAN JANITOR
JB JUNCTION BOX
JCT JUNCTION
JST JOIST
JT JOINT

K KIP
KIT KITCHEN
KO KNOCK OUT
KPL KICK PLATE

L LONG
LAB LABORATORY
LAM LAMINATE(D)(ION)
LAT TIE LATERAL TIEBACK FOR APC PANEL
LAV LAVATORY
LB POUND
LIN LINEAR
LKR LOCKER
LL LIVE LOAD, LEAD LINED
LLH LONG LEG HORIZONTAL
LLV LONG LEG VERTICAL
LP LIGHT PROOF, LOW PRESSURE, LOW POINT
LTG LIGHTING
LVR LOUVER

M METER
M MEN'S
MACH MACHINE
MAS MASONRY
MATL MATERIAL
MAX MAXIMUM
MB MARKER BOARD
MBR MEMBER
MDF MEDIUM DENSITY FIBERBOARD
MECH MECHANICAL
MEMB MEMBRANE
MET METAL
MEZZ MEZZANINE
MFR MANUFACTURER
MH MANHOLE OR MANHOLE(ING)
MIFRC MASTIC INTUMESCENT FIRE RESISTIVE COATING
MIN MINIMUM
MIR MIRROR
MISC MISCELLANEOUS
MJ MOVEMENT JOINT (IN MASONRY)
MLDG MOLDING
MLWK MILLWORK
MM MILLIMETER
MO MASONRY OPENING
MSCQ METAL STUD CURTAIN WALL
MTD MOUNTED
MTG MOUNTING
MULL MULLION
MW MINERAL WOOL
MWF MEMBRANE WALL FLASHING

N NORTH
NA NOT APPLICABLE
NF NEAR FACE
NIC NOT IN CONTRACT
NO NUMBER
NOM NOMINAL
NRC NOISE REDUCTION COEFFICIENT
NS NEAR SIDE
NSF NET SQUARE FEET
NTS NOT TO SCALE

OA OVERALL
OC ON CENTER
OD OUTSIDE DIAMETER
OF OUTSIDE FACE
OFCI OWNER FURNISHED CONTRACTOR INSTALLED
OFF OFFICE
OFOI OWNER FURNISHED OWNER INSTALLED
OH OPPOSITE HAND, OVERHEAD
OPNG OPENING
OPP OPPOSITE

PAR PARALLEL
PASS PASSAGE, PASSENGER
PB PUSH BUTTON
PBD PARTICLE BOARD
PC PRECAST (STRUCTURAL)
PED PEDESTAL
PER PERIMETER
PERP PERPENDICULAR
PF PREFABRICATED PANEL
PGBD PEGBOARD
PL PLATE, PROPERTY LINE
PLAM PLASTIC LAMINATE
PLAS PLASTIC
PLAT PLATFORM
PLBG PLUMBING
PLK PLANK
PLWD PLYWOOD
PNEU PNEUMATIC
PNL PANEL
PNT PAINT
PR PAIR
PREFAB PREFABRICATED
PRELIM PRELIMINARY
PSF POUNDS PER SQUARE FOOT
PSI POUNDS PER SQUARE INCH
PT PRESSURE TREATED (FOR MOISTURE)
PTD PAINTED
PTN PARTITION

QT QUARRY TILE

R RISER
RAD RADIUS
RAF RAISED ACCESS FLOOR
RBR RUBBER
RCP REFLECTED CEILING PLAN
RD ROOF DRAIN
REC RECESSED
RECPT RECEPTACLE
RECT RECTANGULAR

REF REFERENCE
REFR REFRIGERATION
REG REGISTER
REINF REINFORCE(D)(ING)(MENT)
REQD REQUIRED
RES RESILIENT
RET RETAINING, RETURN
REV REVISION
RFG ROOFING
RJ RUSTICATION JOINT
RLG RAILING
RM ROOM
RO ROUGH OPENING
RS RESILIENT SHEET
RT RESILIENT TILE
RWC RAIN WATER CONDUCTOR

SAFB SOUND ATTENUATION FIRE BLANKET
SAN SANITARY
SB SPLASH BLOCK
SCHED SCHEDULE
SECT SECTION
SECY SECRETARY
SF SQUARE FEET
SFRM SPRAYED FIRE-RESISTANT MATERIAL
SGL SINGLE
SH SHELF
SHR SHOWER
SHT SHEET(ING)
SHTNG SHEATHING
SIM SIMILAR
SK SINK
SL SEALANT
SMLS SEAMLESS
SP SPACE(ING)
SPEC SPECIFICATION
SPF SPRAY FOAM
SPFI SPRAY POLYURETHANE FOAM INSULATION
SPKR SPEAKER
SPR SPRINKLER
SPD STERILE PROCESSING DEPARTMENT
SQ SQUARE
SR SERVICE RECEPTOR
SS SERVICE SINK
SST STAINLESS STEEL
SSUR SOLID SURFACING
STA STATION
STAGG STAGGERED
STC SOUND TRANSMISSION CLASS
STD STANDARD
STIFF STIFFENER
STL STEEL
STOR STORAGE
STR STRUCTURAL
SUPP SUPPORT
SURF SURFACE
SUSP SUSPENDED
SYM SYMBOL, SYMMETRICAL
SYS SYSTEM

T TREAD, FLUSH MOUNTED TELEPHONE
T&G TONGUE AND GROOVE
TA TOILET ACCESSORIES
TB TACKBOARD, TOWEL BAR
TD TRAVEL DISTANCE
TEL TELEPHONE
TEMP TEMPORARY, TEMPERED
TERR TERRAZZO
THK THICK(NESS)
TOB TOP OF BEAM
TOC TOP OF CURB, CONCRETE
TOP TOP OF PEDESTAL
TOS TOP OF STEEL
TOSL TOP OF SLAB
TOW TOP OF WALL
TR TOILET ROOM
TRANS TRANSITION
TS TUBE STEEL
TV TELEVISION
TYP TYPICAL

UC UNDERCOUNTER
UH UNIT HEATER
UNEX UNEXCAVATED
UNFIN UNFINISHED
UNO UNLESS NOTED OTHERWISE
UR URINAL
UTIL UTILITY

VAR VARIES
VB VAPOR BARRIER
VCT VINYL COMPOSITION TILE
VEN VENEER
VERT VERTICAL
VEST VESTIBULE
VIF VERIFY IN FIELD
VIN VINYL
VOL VOLUME
VP VENEER PLASTER
VT VINYL TILE
VTR VENT THRU ROOF
VWC VINYL WALL COVERING

W WIDE, WOMEN'S
W/ WITH
W/O WITHOUT
WC WATER CLOSET, WHEELCHAIR
WD WOOD
WF WIDE FLANGE
WIN WINDOW
WM WALK OFF MAT
WP WORKING POINT, WATERPROOF(ING), WALL PROTECTION
WR WATER RESISTANT, WASTE RECEPTOR
WS WATER STOP
WSCT WAINSCOT
WT WEIGHT, WINDOW TREATMENT

SYMBOL LEGEND

BRICK
CONCRETE
CONCRETE MASONRY UNIT
CRUSHED STONE
EARTH
GYPSUM WALL BOARD
INSULATION (BATT)
INSULATION (RIGID)
METAL (ALUMINUM)
METAL (STEEL, IRON)
PLYWOOD
WOOD FINISH
WOOD FRAMING & BLOCKING
PROJECT AREA LINE
THIS LINE GENERALLY INDICATES THE AREA WHERE THE WORK OF THIS PROJECT OCCURS; SOME INCIDENTAL WORK MAY OCCUR OUTSIDE THIS LINE.
PROPERTY LINE
1 A — COLUMN REFERENCE GRID
UP — SLOPE UP
DN — SLOPE DOWN
TRUE NORTH / BUILDING NORTH — KEYPLAN COMBINATION NORTH ARROW
N — KEYPLAN COMBINATION NORTH ARROW
FLOOR ELEVATION EL 20'-0"
EXIST WALLS, DOORS (SCREENED)
DEMOLITION WALLS, DOORS (DASHED)
NEW WALLS, DOORS (SOLID)
123.1 — DOOR TAG
6" UNLESS NOTED OTHERWISE
ROOM NAME 123 — ROOM NAME AND NUMBER
G3A 2 G3A — PARTITION TYPE, SEE A4.1

ELEVATION REFERENCES (ARROW INDICATES DIRECTION OF VIEW)
A3.2 1 — EXTERIOR ELEVATION NUMBER A3.2
(SHEET NUMBER NOT REQUIRED IF DETAIL ELEVATION IS ON SAME SHEET)
3 — INTERIOR ELEVATION NUMBER
(DETAIL ELEVATION ON SAME SHEET)
1 A5.1.1 2 3 — MULTIPLE ELEVATION NUMBER A5.1.1
(SHEET NUMBER NOT REQUIRED IF DETAIL ELEVATION IS ON SAME SHEET)
1 A3.3.2 TYP — DETAIL NUMBER; SHEET NUMBER A3.3.2; NOTE

SECTION/DETAIL REFERENCES (ARROW INDICATES DIRECTION OF VIEW)
1 A3.3.1.5 TYP — BUILDING SECTION NUMBER; SHEET NUMBER A3.3.15; NOTE
1 A3.3.1.5 TYP — WALL SECTION NUMBER; SHEET NUMBER A3.3.15; NOTE
1 A3.3.1.5 TYP — PLAN/SECTION DETAIL NUMBER; SHEET NUMBER A3.3.15; NOTE

DETAIL PLAN/ELEVATION (BOX INDICATES AREA OF VIEW)
1 A2.1 — DETAIL NUMBER; SHEET NUMBER

DIMENSION TO FACE
DIMENSION TO CENTERLINE (TYP DIM. TO CENTERLINE OF PTN)
DIMENSION CONTINUES
LIMIT OF WORK
AREA OF REVISION
1 — REVISION
1 — DEMOLITION AND/OR ALTERATION NOTE
WORK POINT, CONTROL POINT, OR DATUM POINT
15 — CASEWORK UTILITY (INDIVIDUAL)
15 — CASEWORK UTILITY (GROUP)
L2 — LOUVER TYPE
W2 — WINDOW TYPE
AP — ACCESS PANEL
EP — ELECTRIC PANEL
FEC — FIRE EXTINGUISHER CABINET
CR — CARD READER
A — ACTUATOR (POWER OPERATOR)
PB — PUSH BUTTON (RELEASE)
SENSORS (DOOR CONTROL)

Revisions:	Date:

CONSULTANT

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

Drawing Title	ABBREVIATIONS & SYMBOLS
Phase	100% NOT FOR CONSTRUCTION BID DOCUMENTS
Project Title	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC
Project Number	570-21-108
Building Number	
Approved: Project Director	
	FULLY SPRINKLERED
Location	2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223
Issue Date	1-23-2026
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Drawn	TL
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BASE BID

1.0 - SCOPE 1 - BUILDING 1 AND OPC ENVELOPE REPAIRS: (SEE A800 SERIES)

REPAIRS ARE IDENTIFIED IN THE FOLLOWING DOCUMENTS:

- FACADE INSPECTION REPORT, "VAMC FRESNO FACADE INSPECTION DRAFT REPORT, DATED JUNE 5, 2009, BY TOLAND-MIZELL ARCHITECTS, INC. AND APPLIED ENGINEERING SOLUTIONS, INC.
- FACADE STUDIES VISN 9, 15,19,20,21, 21, 22, FRESNO VA MEDICAL CENTER, BUILDING 1, FINAL REPORT, DATED 23 SEPTEMBER 2022
- FACADE CONDITION ASSESSMENT, VETERAN AFFAIRS MEDICAL CENTER, 2615 EAST CLINTON AVENUE, FRESNO, CA, TERRACON PROPOSAL NO. PFT226094, BY TERRACON, DATED OCTOBER 13, 2023

SCOPE 1.1 - GENERAL:

BEFORE COMMENCEMENT OF REPAIRS, THE BUILDING ENCLOSURE SHOULD BE THOROUGHLY CLEANED USING NON-ABRASIVE METHODS. CONDUCT TESTS IN NON-CONSPICUOUS AREAS TO CONFIRM THE MOST EFFECTIVE METHOD OF CLEANING PRIOR TO COMMENCING CLEANING OF THE ENTIRE FACADE. CONSULT WITH THE INTERNATIONAL MASONRY INSTITUTE ON CLEANING PRODUCTS AND METHODS. DURING CLEANING OF THE FACADE, CONDUCT A DETAILED EXAMINATION RECORDING AND VERIFYING THE FULL EXTENT OF REPAIRS REQUIRED FOR THE OBSERVED DEFICIENCIES NOTED BELOW.

- AREAS OF REPAIR WORK NOTED IN THESE DOCUMENTS FORM THE BASE BID FOR SCOPE 1.
- DOCUMENT AREAS OF REPAIR NOT IDENTIFIED IN BID DOCUMENTS AND TYPE OF REPAIR REQUIRED PRIOR TO COMMENCING REPAIR WORK. PROVIDE SHOP DRAWINGS TO DOCUMENT AREAS OF ADDITIONAL DAMAGE DISCOVERED DURING CLEANING.
- PROVIDE UNIT COST FOR ADDITIONAL REPAIRS NOT IDENTIFIED IN THESE DOCUMENTS
- THE GOVERNMENT HAS THE OPTION TO AUTHORIZE ADDITIONAL WORK BASED CONDITIONS FOUND DURING THE CLEANING AND INSPECTION PROCESS BASED ON THE UNIT COSTS PROVIDED IN THE CONTRACTORS BID.
- THE GOVERNMENT IS NOT OBLIGATED OR COMMITTED FOR ADDITIONAL WORK DISCOVERED AND DOCUMENTED DURING THE CLEANING AND INSPECTION PHASE OF THE WORK.

1.2 - TERRA COTTA CLADDING: (SEE DETAIL SHEETS A801-A802)

1.2.1 - UNSOUND AND SIGNIFICANTLY CRACKED TERRA COTTA UNITS: UNITS THAT HAVE CRACKED OR EXHIBIT CONSIDERABLE SPALLING AND HAVE BECOME DISLODGED FROM THEIR ANCHORS AND/OR SEPARATED FROM THE SETTING BED BENEATH. REPAIRS:

- REMOVE AND REPLACE UNITS THAT HAVE MULTIPLE CRACKS AND OR LARGE SPALLED SURFACES. MATERIAL OPTIONS FOR REPLACEMENT UNITS INCLUDE TERRA COTTA OR GLASS FIBER REINFORCED CONCRETE (GFRC). FOR REPLACING TERRA COTTA UNITS, FOLLOW THE INTERNATIONAL MASONRY INSTITUTE'S (IMI) GUIDELINES.
- UNITS THAT ARE SUBSTANTIALLY INTACT CAN BE REMOVED AND RESET WITH NEW STAINLESS-STEEL ANCHORS. FOR RESETTING TERRA COTTA UNITS FOLLOW IMI'S GUIDELINES.

1.2.2 – SOUND CRACKED TERRA COTTA UNITS: REPAIR BY STABILIZING-IN-PLACE UNITS THAT EXHIBIT A SINGLE CRACK BUT ARE OTHERWISE SOUND USING ADDITIONAL PINNING AND/OR ANCHORS WITHOUT REMOVING THE UNIT. CRACKS ARE TO BE SEALED EITHER WITH A COATING OR SEALANT. FOR ANCHORING AND PINNING TERRA COTTA UNITS FOLLOW IMI'S GUIDELINES

1.2.3.A - TERRA COTTA SILL SPALL, 1.2.3B TERRA COTTA PANELS SPALLS & 1.2.3C TERRA COTTA COPING STONE SPALL: REPAIRS:

- UNITS AND PANELS THAT ARE SOUND, BUT EXHIBIT LARGE, SPALLED AREAS IN THE FACE OF THE PANELS, REPAIR BY REMOVING AND REPLACING UNITS. MATERIAL OPTIONS FOR REPLACEMENT UNITS INCLUDE TERRA COTTA OR GLASS FIBER REINFORCED CONCRETE (GFRC). FOR REPLACING TERRA COTTA UNITS FOLLOW THE IMI'S GUIDELINES.
- UNITS AND PANELS THAT EXHIBIT SMALL TO MODERATELY SPALLED SURFACES IN THE FACE OF THE PANELS, REPAIR BY USING MORTAR FOR UNGLAZED UNITS; AND FOR GLAZED UNITS TREAT WITH A PROTECTIVE COATING, FOLLOWING THE RECOMMENDATIONS OF THE IMI.

1.2.4 – LOOSE, DETERIORATED AND MISSING MORTAR JOINTS IN TERRA COTTA CLADDING – REPAIRS MORTAR JOINTS BY CLEANING OUT AND CUTTING BACK TO A SUFFICIENT DEPTH FOR TUCK-POINTING. REPAIR PREPARATION AND MORTAR SHOULD FOLLOW THE RECOMMENDATIONS OF IMI. USE MORTAR MIX OF COMPATIBLE WITH TERRA MATERIALS AND EXISTING MORTAR.

1.2.5 - UNSEALED CUTS REPAIR: USE MORTAR TO REPAIR UNSEALED CUTS WHERE CUT DOES NOT ABUT ANOTHER MATERIAL SUCH AS METAL. USE A SEALANT TO SEAL BETWEEN TERRA COTTA UNITS AND OTHER MATERIALS. REPAIR PREPARATION AND MORTAR/SEALANT TYPE SHOULD FOLLOW THE RECOMMENDATIONS OF IMI.

1.2.6 - EFFLORESCENCE AND STAINING IN TERRA COTTA UNITS: BEFORE COMMENCING REPAIR EXAMINE THE ROOT CAUSE OF EFFLORESCENCE AND STAINING TO DETERMINE IF MOISTURE IS DIGRESSING INTO THE CLADDING SYSTEM OR FROM WATER DRIPPING ONTO THE TERRA COTTA SURFACE. ONCE DETERMINED, IMPLEMENT REPAIRS TO WATER INFILTRATION OR SOURCE OF WATER DRIP. REMOVE EFFLORESCENCE AND STAINING FROM THE SURFACE OF THE TERRA COTTA UNITS USING THE LEAST ABRASIVE METHOD TO MAINTAIN THE FINISH OF THE UNITS. REPLACE UNITS IF STAIN CANNOT BE REMOVED. CLEANING PREPARATION METHODS SHALL FOLLOW THE RECOMMENDATIONS OF IMI.

1.2.7 - DETERIORATED OR MISSING SEALANT JOINTS IN TERRA COTTA CLADDING: REPAIR BY REMOVING ALL SEALANTS THAT HAVE LOST ADHESION AND ARE DISPLACED. CLEAN BACK JOINT TO A SUFFICIENT DEPTH TO ALLOW FULL ADHESION OF SEALANT TO SUBSTRATES. USE SUITABLE BACKER MATERIALS TO ALLOW FOR JOINT SEALANT MOVEMENT. USE MANUFACTURER'S PRIMER IF RECOMMENDED. REPAIR PREPARATION AND SEALANT TYPE SHALL FOLLOW THE RECOMMENDATIONS OF IMI.

1.2.8 – EXTERIOR COATING DETERIORATION: REPAIR BY RECOATING TERRA COTTA UNITS AND PANELS BY APPLYING A CLEAR ELECTROMETRIC COATING AFTER CLEANING.

1.3 - STUCCO CLADDING: (SEE DETAIL SHEET A806)

1.3.1 - SPALLS IN STUCCO CLADDING REPAIR: REMOVE SPALLS FROM SURFACE AND PATCH IN ACCORDANCE WITH RECOMMENDATIONS FROM THE PORTLAND CEMENT ASSOCIATION (PCA). PREPARE PATCH AND SURROUNDING SURFACE FOR TEXTURED ELASTOMERIC COATING.

1.3.2 - CRACKS IN STUCCO CLADDING REPAIR: CRACKS LARGER THAT A HAIRLINE SHOULD BE ROUTED OUT AND REPAIRED USING A FILLER IN ACCORDANCE WITH RECOMMENDATIONS FROM PCA. SMALL CRACKS CAN BE SEALED USING A BRUSH GRADE SEALANT. FOR SEALANTS FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR PREPARATION, PRIMERS AND APPLICATION METHODS.

1.3.3 - FAILED FINISHES IN STUCCO CLADDING: REPAIR FINISHES AFTER CORRECTION OF SOURCES OF MOISTURE INGRESS INTO THE WALL ASSEMBLY. TERMINATE STUCCO CLADDING A MINIMUM OF 4 INCHES, BUT NOT GREATER THAT 6 INCHES BY GRADE. FOLLOW RECOMMENDATION OF THE PCA FOR REPAIRS

1.3.4 – STAINS IN STUCCO CLADDING: CLEAN STUCCO CLADDING AND RECOAT WITH FINISHED SURFACE WITH A COLORED ELASTOMERIC COATING.

1.4 - EXPOSED CONCRETE: (SEE DETAIL SHEETS A807)

1.4.1 - CONCRETE SPALLS: REMOVE SPALLS FROM CONCRETE AND CUT BACK CONCRETE UNTIL ALL SURFACES ARE SOUND. REPAIRS TO CONCRETE:

- IF REINFORCEMENT IS EXPOSED DURING REMOVAL, THOROUGHLY REMOVE RUST DOWN TO CLEAN METAL. IF REINFORCEMENT HAS DETERIORATED BEYOND ITS STRUCTURAL CAPACITY, CUT-OUT DETERIORATED REINFORCEMENT, CUT-BACK CONCRETE AROUND SOUND REINFORCEMENT TO FORM AN OVERLAP, AS DETERMINED BY STRUCTURAL ENGINEER, COAT ALL REINFORCEMENT WITH EPOXY COATING, PRIME CONCRETE SURFACES, AND REINSTATE CONCRETE USING A CONCRETE MIX THAT MATCHES OR IS COMPATIBLE WITH THE EXISTING CONCRETE MIX. FOLLOW RECOMMENDATIONS OF THE AMERICAN CONCRETE INSTITUTE FOR REPAIRS AND DETAILS DEVELOPED BY THE STRUCTURAL ENGINEERS. RECOAT NEW CONCRETE REPAIR TO MATCH EXISTING FINISHES.
- SPALLS NOT EXPOSING REINFORCEMENT, ARE TO BE REPAIRED BY PRIMING CONCRETE SURFACES AND REINSTATING CONCRETE REPAIR WITH PLASTER COATING AND PAINT WITH ELASTOMERIC COATING

1.4.2 - CONCRETE CRACKS: ROUTE OUT CRACKS LARGER THAN HAIRLINE IN CONCRETE TO ALLOW INSTALLATION OF SEALANT. REMOVE ANY LOOSE MATERIALS. INSTALL SEALANT. FOLLOW SEALANT MANUFACTURER'S RECOMMENDATIONS FOR PRIMERS, AND SEALANT TYPE.

1.4.3 - DETERIORATED OR MISSING SEALANT: REMOVE FAILED SEALANT FROM JOINTS. CLEAN OUT JOINTS IN CONCRETE, REMOVING ANY LOOSE MATERIAL TO ALLOW INSTALLATION OF NEW SEALANT. INSTALL SEALANT. FOLLOW SEALANT MANUFACTURER FOR PRIMERS AND SEALANT TYPE.

1.4.4 - FAILED CONCRETE COATING: REMOVE AREAS OF FAILED COATINGS DOWN TO BARE CONCRETE. ABRADE SURFACES TO BE RECOATED AND APPLY NEW COATING TO MATCH EXISTING COATING FINISH.

1.5 – FENESTRATION ASSEMBLIES: (SEE DETAIL SHEETS A808)

1.5.1 - CRACKED GLAZING UNITS: CRACKED GLAZING UNITS SHOULD BE REMOVED AND REPLACED WITH NEW INSULATED UNITS MATCHING ADJACENT UNITS FOR COLOR, TRANSLUCENCY AND THERMAL CHARACTERISTICS. PROVIDE NEW BLINDS.

1.5.2 - DETERIORATED AND MISSING SEALANT: REMOVE FAILED SEALANT FROM JOINTS. CLEAN OUT JOINTS IN WINDOW ASSEMBLIES, TO ALLOW INSTALLATION OF NEW SEALANT. INSTALL SEALANT FOLLOWING RECOMMENDATIONS OF SEALANT MANUFACTURER FOR PRIMERS, BACKER MATERIAL AND SEALANT TYPE.

1.5.3 - DETERIORATED AND DISLODGED GASKETS: REMOVE ANY DETERIORATED GASKETS FROM THE WINDOW FRAME AND REPLACE WITH NEW GASKET, SELECTED FOR COMPATIBILITY, SIZE AND DUROMETER TO FORM A COMPLETED SEAL OF THE GLAZING UNITS IN THE FRAMING. WET SEAL REPLACEMENT FOR GASKETS SHOULD NOT BE CONSIDERED. REINSTALL DISLODGED GASKETS IF THE GASKET MAINTAINS THE REQUIRED COMPRESSION UNDER THE COLDEST EXPERIENCED ENVIRONMENT. FOLLOW RECOMMENDATIONS OF GASKET AND WINDOW MANUFACTURER AND AMERICAN ARCHITECTURAL MANUFACTURERS ASSOCIATION (AAMA) FOR GASKET SELECTION, SUBSTRATE PREPARATION, AND INSTALLATION.

1.5.4 – DETERIORATED LOUVERS: REMOVE LOUVER AND REPLACE WITH NEW ALUM STORMPROOF LOUVER WITH SAME FREE AREA CAPACITY.

1.5.5 – DETERIORATED METAL SUNSHADES: REMOVE ALL LOOSE COATINGS FROM SUNSHADES AND DETERIORATED SEALANTS. PREPARE SURFACE TO RECEIVE NEW FINISH. PROTECT ALL SURFACES OF ADJACENT MATERIALS FROM NEW FINISH. APPLY 3 COAT PAINT SYSTEM TO METAL SUNSHADES. INSTALL NEW SEALANT TO JOINTS IN METAL SUNSHADES AND BETWEEN SUNSHADES AND ADJACENT CLADDING.

1.6 - MISCELLANEOUS: (SEE DETAIL SHEETS A809)

1.6.1 - ACTIVE MOISTURE LEAKS: HOSE TEST AREA WHERE ACTIVE MOISTURE LEAKS OCCUR TO DETERMINE THE SOURCE AND EXTENT OF MOISTURE INGRESS. REMOVE CLADDING MATERIALS, MAKE REPAIRS TO CLADDING MATERIAL AND REINSTATE MATERIAL. REPAIR DAMAGED FLASHINGS, MOISTURE BARRIERS AND/OR INTERNAL SEALS. REPLACE MATERIALS AS REQUIRED TO IMPLEMENT REPAIR. RETEST AREA OF LEAKS TO PROVE THE EFFICACY OF THE REPAIR.
USE REPAIR MATERIALS COMPATIBLE WITH ADJACENT MATERIALS TO AVOID FURTHER UNINTENDED DETERIORATION OF MOISTURE BARRIER SYSTEM. FOLLOW THE RECOMMENDATION OF THE CLADDING-SYSTEM'S INDUSTRY ASSOCIATION STANDARDS AND RECOMMENDATIONS.

1.6.2 - ABANDONED ANCHORS: REMOVE ABANDONED ANCHORS FROM CLADDING AND REPAIR THE VOID LEFT BY THE ANCHOR, USING THE REPAIRS NOTED IN 1.2.5 IN TERRA COTTA PANELS AND UNITS FOR UNSEALED CUTS.

1.6.3 - METAL DECK TO TERRA COTTA TRANSITIONS: AT THE LOADING DOCK OF BUILDING 1, REPAIR TRANSITION BETWEEN METAL DECK TO TERRA COTTA CLADDING. REPAIR VOID BY INSTALLING AN INSULTING MATERIAL AND A PAINTED METAL TRANSITION COVER OVER THE INSULATION. SEAL ALL JOINTS IN THE TRANSITION COVER. FINISH OF TRANSITION COVER TO MATCH ADJACENT METAL DECK.

1.6.4 - DAMAGED CLAY TILES: REMOVE AND REPLACE DAMAGED CLAY TILES AT THE ARCADE ON THE SOUTH ELEVATION OF BUILDING 1, TILE SHALL MATCH EXISTING TILE, REGROUT JOINTS.

1.6.5 - EIFS WALL SEPARATION: WHERE EIFS WALL SYSTEM IS FAILING, REMOVE ENTIRE AREA OF EIFS WALL SYSTEM DOWN TO SUBSTRATE. INSPECT SUBSTRATE FOR DAMAGE AND PATCH AND REPAIR SUBSTRATE AS REQUIRED TO INSTALL NEW EIFS SYSTEM WITH INTEGRAL DRAINAGE LAYER, OVER NEW AIR BARRIER. USE INSULATION WITH A THICKNESS TO ALIGN FINISHED FACE OF EIFS SYSTEM WITH SURROUNDING TERRA COTTA PANELS. COLOR AND TEXTURE OF FINISHED EIFS SURFACE SELECTED TO MATCH SURROUNDING TERRA COTTA PANELS.

1.6.6 - CLEAN AND REPAIR METAL AWNING: CLEAN ALL SURFACES OF METAL AWNING TO RECEIVE NEW FINISH. REPAIR OR REPLACE METAL SECTIONS OF AWNING TO RESTORE AWNING TO ITS ORIGINAL SHAPE AND GEOMETRY. PAINT AWING, APPLYING PRIMER AND FINISH COATINGS. FINISH TO MATCH UNDERSIDE OF ADJACENT CANOPY.

1.6.7 - CLEAN & PAINT THE OUTSIDE OF THE ELEVATOR MACHINE ROOM PENTHOUSES: THOROUGHLY CLEAN EXTERIOR STUCCO SURFACE OF THE ELEVATOR MACHINE ROOM PENTHOUSE, REMOVING LOOSE OR PEELING FINISHES DOWN TO SOUND SUBSTRATE OR FULLY ADHERED FINISHES. PAINT BY APPLY PRIMER AND FINISH COAT(S). FINISH TO MATCH EXISTING PENTHOUSE COLOR.

1.6.8 - CLEAN & PAINT METAL PANELS OF OPC LEVEL 1: CLEAN METAL PANEL ABOVE AND BELOW WINDOW. REMOVE ANY LOOSE PAINT. PAINT BY APPLY PRIMER AND FINISH COAT(S). COLOR AND GLOSS TO MATCH EXISTING METAL PANEL FINISH.

2. 0 - SCOPE 2 - BUILDING 1, OPC, OPC2 GLAZING: (SEE A810 SERIES)

2.1.1 REPLACE SINGLE-GLAZED WINDOWS AND STOREFRONT WITH DOUBLE GLAZING:

DEMOLITION: THIS SCOPE OF DEMOLITION WORK INCLUDES THE FOLLOWING: REMOVAL OF THE GLAZING UNITS, FRAMING STOPS IN THE STOREFRONT, AND WINDOW FRAMING. CLEAN AWAY ANY SEALANT AND GASKET MATERIAL FROM THE ALUMINUM FRAMES. REMOVE INTERIOR BLINDS. DISPOSE ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS.

TEMPORARY PROTECTION AND MEASURES: PROVIDE FOR PHASED CONSTRUCTION AND OUT OF HOURS WORK TO LIMIT DISRUPTION FOR THE MEDICAL CENTER'S OPERATIONS. PROVIDE TEMPORARY PROTECTION TO MAINTAIN INTERIOR ENVIRONMENT AND INFECTION CONTROL (ICRA) AS WELL AS INSECT CONTROL, DURING CONSTRUCTION.

NEW WORK: REPLACE OR MODIFY EXISTING STOREFRONT AND WINDOW FRAMING TO ALLOW THE FRAMING TO RECEIVE THE NEW INSULATED GLAZING UNITS. REINFORCE ANCHORAGE IF REQUIRED TO ACCOMMODATE THE ADDITIONAL WEIGHT OF THE NEW GLAZING UNITS. FINISH OF THE ALUMINUM FRAMING SHALL MATCH THE EXISTING FRAMING.

- FOR THE ARCADE STOREFRONT FENESTRATION OF BUILDING 1, NEW OR REFURBISHED FRAMING MEMBERS SHALL RECEIVE A POWDERED-COATED FINISH OR CLEAR ANODIZED FINISH.
- FOR THE OPC WINDOW FRAMES, A BRONZE ANODIZED FINISH OR POWDERED COATED FINISH SHALL BE USED.
- GLAZING UNITS FOR THE BUILDING 1 WILL BE CLEAR HIGH-PERFORMANCE INSULATED UNITS. THE NEW OPC INSULATED WINDOW GLAZING UNITS SHALL BE FABRICATED WITH A BRONZE TINTED OUTER LITE AND A CLEAR INNER LITE TO MATCH THE EXISTING GLAZING ON THE UPPER FLOORS OF THE OPC. PROVIDE BLAST FILM TO ALL NEW UNITS.
- IN BUILDING 1, THE LOWER GLAZING UNIT OF THE ARCADE STOREFRONT, THE BLAST FILM WILL HAVE A WHITE TRANSLUCENT TINT.
- PROVIDE FOR EITHER HORIZONTAL OR VERTICAL BLINDS AT ALL GLAZING OPENINGS TO MATCH EXISTING BLINDS.

2.1.2 - REPLACE EXISTING DOUBLE GLAZED WINDOWS: REPLACE WINDOWS WITH INTEGRAL BLINDS WITH NEW INSULATED GLAZING UNITS AND BLINDS TO MATCH EXISTING

3.0 - SCOPE 3 - ROOF REPAIR OF LOWER ROOF OF OPC & WEST WING BUILDING 1: (SEE A820 SERIES)

SCOPE OF WORK: INCLUDES CLEANING OF ROOF WHERE LEAKS ARE OCCURRING, AND THE REMOVAL OF DEBRIS AND ABANDONED EQUIPMENT. CLEAN ROOF, REMOVING ANY ORGANIC MATERIALS FROM ROOF SURFACE. EXAMINE THE DECK FROM FLOOR BELOW TO DETERMINE THE EXTENT OF LEAKAGE THAT IS OCCURRING AND OBSERVING WHERE THE LEAKAGE EMANATES FROM. REMOVE ROOFING MEMBRANE DOWN TO INSULATION AND FLASHINGS IN THE AREA OF THE ROOF FAILURE. REMOVE COVER BOARD AND INSULATION THAT HAS INCURRED MOISTURE DAMAGE. REMOVE ANY ROOFING MATERIALS THAT EXHIBIT MOLD GROWTH. REPLACE ROOF INSULATION, MAINTAINING PROPER SLOPES TO DRAINS, COVER BOARDS, AND CUT-IN NEW ROOFING MEMBRANE PER MANUFACTURER'S REPAIR DETAILS FOR EXISTING MEMBRANE. RESET ROOF DRAINS IN THE AREA OF THE LEAKAGE, WITH MEMBRANE CLAMPED INTO DRAIN. SECURE DRAIN DOME OR REPLACE DOME IF MISSING. REPLACE FLASHING USING ROOFING MANUFACTURER'S APPROVED MATERIALS. RESEAL AROUND FLASHINGS, ROOFTOP EQUIPMENT, ETC. TO ENSURE AREAS VULNERABLE TO WATER INFILTRATION HAVE BEEN REPAIRED. FLOOD TEST FINISHED WORK TO PROVE EFFICACY OF REPAIR.

TEMPORARY PROTECTION AND MEASURES: REMOVAL SHALL BE DONE IN SECTIONS, COORDINATED WITH INSTALLATION OF NEW REPLACEMENT ROOF SO THAT ONLY A LIMITED PORTION OF THE ROOF IS EXPOSED AT ANY ONE TIME. PROVIDE APPROPRIATE LEVEL OF INFECTION CONTROL (ICRA) DURING CONSTRUCTION.

4.0 - SCOPE 4 - STAIR ACCESS FROM OPC TO BUILDING 1 CHAPEL ROOF: (SEE A400 SERIES & S2.3)

DEMOLITION: THIS SCOPE OF DEMOLITION WORK INCLUDES CUTTING THROUGH THE EXTERIOR WALL OF THE SECOND FLOOR CORRIDOR C-503-14 OF THE LINK BETWEEN OPC AND BUILDING 1, ALONG GRIDLINE B1 BETWEEN GRIDLINES 7 AND 8, FOR AN ACCESS DOOR OPENING AND FOR PLATFORM FRAMING AT COLUMNS B1/7 AND B1/8.

NEW WORK: NEW WORK INCLUDES INSTALLATION OF NEW INSULATED HOLLOW METAL DOOR AND FRAME INTO CORRIDOR C-502-13 EXTERIOR WALL AND WELDING OF HSS GALVANIZED STEEL PLATFORM FRAMING MEMBERS TO BUILDING FRAME AT COLUMNS B1/7 AND B1/8. REPAIR/PATCH EXTERIOR FINISHES AROUND STEEL FRAMING MEMBERS AND DOOR OPENING TO MATCH EXISTING. INSTALL PLATFORM FRAMING FOR ACCESS STAIR OVER THE PARAPET OF THE CHAPEL ROOF. ALL FRAMING WILL BE WELDED HSS OR WIDE-FLANGE MEMBERS, GALVANIZED. THE PLATFORM FLOOR, STAIR TREADS AND STAIR LANDING WILL BE MADE FROM NON-SLIP REINFORCED FIBERGLASS GRATING. STAIR STRINGERS, TOE KICKS WILL BE GALVANIZED PLATE STEEL AND HANDRAIL WILL BE GALVANIZED STEEL PIPE. ACCESS DOOR AND FRAME WILL BE PAINTED TO MATCH EXISTING STUCCO FINISHES.

TEMPORARY PROTECTION AND MEASURES: PROVIDE INFECTION CONTROL BARRIERS (ICRA) AND INSECT CONTROL DEVICES DURING CONSTRUCTION OF ACCESS DOOR IN THE EXTERIOR WALL AND THE EXTERIOR PLATFORMS AND STAIRS.

5.0 - SCOPE 5 - REPAIR STOREFRONT NORTH, SOUTH & EAST DEMOLITION VESTIBULE BUILDING 1: (SEE AD300, A300 & A810 SERIES). THE GENERAL CONCTRACTOR SHALL COORDINATE WITH THE VA COR FOR PHASING OF EACH VESTIBULE CONSTRUCTION TO MAINTAIN AT LEAST TWO OPERATIONAL VESTIBULES FOR THE BUILDING EGRESS.

5.1 - NORTH VESTIBULE: DEMOLITION: FOR THIS SCOPE OF WORK DEMOLITION INCLUDES THE FOLLOWING: REMOVE ATTACHED AIR CURTAIN, SECURITY DEVICES; DOOR DEVICES FROM THE EXISTING EXTERIOR ENCLOSURE, REMOVE EXISTING OUTER SLIDING DOOR; PARTIALLY DEMOLISH THE EXISTING CEILING AROUND EXTERIOR PERIMETER TO ALLOW FOR THE INSTALLATION OF NEW EXTERIOR ENCLOSURE; REMOVE EXTERIOR GLAZING UNITS. REMOVE PORTIONS OF THE CANOPY METAL ROOF DOWN TO STRUCTURAL MEMBERS. SALVAGE AIR CURTAINS AND SECURITY DEVICES FOR REUSE. DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENAARON.RUMPLETS.

TEMPORARY PROTECTION AND MEASURES: PROVIDE FOR PHASED CONSTRUCTION OF ENTRANCE VESTIBULE TO ALWAYS MAINTAIN SAFE EGRESS PATHS FROM THE BUILDING. PROVIDE TEMPORARY ENCLOSURES FOR THE EGRESS PATHS, INFECTION CONTROL (ICRA), INSECT CONTROLS, LIGHTING, AND SIGNAGE DURING CONSTRUCTION. MAINTAIN ALL FIRE PROTECTION AND FIRE ALARM DEVICES.

NEW WORK: REPLACE OR MODIFY EXISTING FRAMING BY INSTALLING PARTIAL MULLIONS, GLAZING STOPS OR REPLACEMENT OF EXISTING ALUMINUM FRAMES TO RECEIVE NEW INSULATED GLAZING UNITS. NEW ALUMINUM FRAMING SHALL HAVE A CLEAR ANODIZED FINISH. FOR VISION AREAS OF GLAZING, PROVIDE CLEAR HIGH-PERFORMANCE INSULATED GLAZING UNITS. PROVIDE OPACIFIED FRITTED GLASS SPANDREL UNITS AT NON-VISION AREAS. INSTALL INSULATION BEHIND SPANDREL GLASS. REBUILD/REPAIR PERIMETER GYPSUM WALLBOARD SOFFIT AND INSTALL NEW ACOUSTICAL CEILING IN VESTIBULE CEILING. PROVIDE NEW AUTOMATIC INSULATED-GLASS SLIDING DOORS, WITH MOTION DETECTION SENSOR. REINSTALL SECURITY DEVICES AND AIR CURTAIN.

5.2 - EAST VESTIBULE: FOLLOW SCOPE OF WORK OUTLINED ABOVE FOR NORTH VESTIBULE, EXCEPT TO REPLACE EXISTING BI-FOLDING DOORS WITH NEW INSULATED GLAZING AUTOMATIC GLASS.

5.2.1 - REPAIR FLASHING BETWEEN CANOPY AND VESTIBULE ROOF: REMOVE EXISTING FLASHING, SALVAGING EXISTING SECTIONS TO RESET. REPLACE ANY SECTION CURRENTLY DAMAGED OR DAMAGED DURING REMOVAL WITH NEW METAL SECTIONS. RESET FLASHING (EXPANSION JOINT COVER), ENSURING PROPER SEALED OVERLAP OF SECTIONS AND SEAL FLASHING TO SUBSTRATES WITH PROPER EMBEDMENT IN COMPATIBLE SEALANT.

5.3 - SOUTH ENTRANCE VESTIBULE: REPLACE EXISTING SLIDING DOORS WITH NEW AUTOMATIC INSULATED GLASS SLIDING DOOR.

ADD ALTERNATE 1
6.0 - SCOPE 6 - OPC BALLAST ROOF REPLACEMENT: (SEE A820 SERIES)

DEMOLITION: FOR THIS SCOPE OF WORK INCLUDES THE REMOVAL OF ALL BALLAST, BUILT-UP ROOFING MEMBRANE, WALK-WAY PADS, SHEATHING/COVER BOARDS, AND INSULATION DOWN TO CONCRETE ROOF DECK, AND REMOVE FLASHINGS AROUND PIPE AND DUCT PENETRATIONS. REMOVE SECTIONS OF ALUMINUM COPING TO ENABLE INSTALLATION OF NEW ROOFING MEMBRANE. SALVAGE UNDAMAGED COPING SECTIONS FOR REINSTALLATION. AT AIR HANDLERS, EXPOSED MECHANICAL EQUIPMENT AND FANS, LIFT EXISTING FLASHING TO ALLOW FOR NEW ROOFING MEMBRANE AND FLASHING TO BE INSTALLED UP TO THE TOP OF THE CURB AROUND AIR HANDLERS, EXPOSED MECHANICAL EQUIPMENT AND FANS. REMOVAL SHALL BE DONE IN SECTIONS, COORDINATED WITH INSTALLATION OF NEW REPLACEMENT ROOF SO THAT ONLY A LIMITED PORTION OF THE ROOF IS EXPOSED AT ONE TIME. PROVIDE PROTECTION FOR INCLEMENT WEATHER OF EXPOSED AREAS DURING REROOFING. REMOVE BIRD PROTECTION TO AREA NORTH OF THE EXISTING PENTHOUSE. THOROUGHLY CLEAN PARAPETS, PENTHOUSE WALLS, EQUIPMENT, AND EXPOSED DUCT WORK ON THE NORTH SIDE OF THE PENTHOUSE, TO REMOVE BIRD EXCREMENT AND SANITIZE AREA AND AIR INTAKES. DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS. PROVIDE FOR APPROPRIATE LEVEL OF INFECTION CONTROL DURING ALL PHASES OF CONSTRUCTION.

NEW WORK: SHALL INCLUDE INSTALLATION OF COMPLETE NEW FULLY ADHERED SINGLE-PLY ROOFING SYSTEM INCLUDING VAPOR BARRIER ON CONCRETE SUBSTRATE, TAPERED ROOF INSULATION, SHEATHING, SINGLE-PLY (MINIMUM 60 MIL THICK) MEMBRANE, WALK-WAY PADS, STAINLESS STEEL FLASHINGS, PREFORMED FLASHINGS FOR PIPE AND DUNNAGE SUPPORT PENETRATIONS, PIPE SUPPORTS, AND DUCT SUPPORTS.

INSTALL NEW BIRD PROTECTION DEVICES AND SCREENS WITH ACCESS DOOR TO AREA IDENTIFIED AROUND EQUIPMENT AND DUCTS ON THE NORTH SIDE OF THE PENTHOUSE. AT THE PARAPET PROVIDE NEW ALUMINUM COPING, FORMED AND PAINTED TO MATCH EXISTING, WHERE REMOVAL OF EXISTING COPING IS NOT SALVAGEABLE. MAINTAIN OPERATION OF ALL MECHANICAL EQUIPMENT, VENTS, AND DEVICES ON ROOF DURING REROOFING.

ADD ALTERNATE 2, 3
7.0 - SCOPE 7 - BUILDING 1 WEST WING ROOF, BRIDGE ROOF & CHAPEL ROOF REPLACEMENT: (SEE A820 SERIES)

ADD ALTERNATE 2: BUILDING 1 WEST WING ROOF REPLACEMENT

7.1 - REPLACE EXISTING ROOFING MATERIAL, ACCESSORIES WITH NEW SINGLE PLY ROOFING SYSTEM AND NEW ACCESSORIES

DEMOLITION: FOR THIS SCOPE OF WORK DEMOLITION INCLUDES THE REMOVAL OF ALL BALLAST, BUILT-UP ROOFING MEMBRANE, WALK-WAY PADS, SHEATHING/COVER BOARDS, AND INSULATION DOWN TO CONCRETE ROOF DECK, AND REMOVE FLASHINGS AROUND PIPE AND DUCT PENETRATIONS. CUT BACK ROOFING AT PARAPETS VERTICALLY UP TO 30 INCHES ABOVE FINISHED ROOF SURFACE, PROTECT THROUGH-WALL FLASHING. AT AIR HANDLERS, EXPOSED MECHANICAL EQUIPMENT, FANS AND EQUIPMENT ROOMS LIFT EXISTING FLASHING TO ALLOW FOR NEW ROOFING MEMBRANE AND FLASHING TO BE INSTALLED UP TO THE TOP OF THE CURB AROUND AIR HANDLERS AND EQUIPMENT ROOMS. REMOVAL SHALL BE DONE IN SECTIONS, COORDINATED WITH INSTALLATION OF NEW REPLACEMENT ROOF SO THAT ONLY A LIMITED PORTION OF THE ROOF IS EXPOSED AT ONE TIME. PROVIDE PROTECTION FOR INCLEMENT WEATHER OF EXPOSED AREAS DURING REROOFING. DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS. PROVIDE FOR APPROPRIATE LEVEL OF INFECTION CONTROL DURING ALL PHASES OF CONSTRUCTION. EXISTING DUNNAGE MAY BE LIFTED AND REMOVED IF NO LONGER REQUIRED BY VA AFTER VERIFICATION WITH VA.

NEW WORK: NEW WORK INCLUDES INSTALLATION OF COMPLETE NEW ROOFING FULLY-ADHERED SINGLE-PLY SYSTEM INCLUDING VAPOR BARRIER ON CONCRETE SUBSTRATE, TAPERED ROOF INSULATION, SHEATHING, SINGLE-PLY (MINIMUM 60 MIL THICK) MEMBRANE, WALK-WAY PADS, STAINLESS STEEL FLASHINGS, PREFORMED FLASHINGS FOR PIPE AND DUNNAGE SUPPORT PENETRATIONS, PIPE SUPPORTS, ETC. AT THE PARAPET PROVIDE NEW STAINLESS STEEL FLASHING AND COUNTER FLASHING AT NEW CUT-IN REGLET AROUND ENTIRE PARAPET TO RECEIVE NEW ROOFING MEMBRANE FLASHING. MAINTAIN OPERATION OF ALL MECHANICAL EQUIPMENT, VENTS, AND DEVICES ON ROOF DURING REROOFING.

AT THE SMALL AIR HANDLING UNIT, IDENTIFIED IN THE DRAWINGS, PROVIDE A NEW GALVANIZED SHEET METAL COVER OVER THE TOP OF THE ENTIRE UNIT. EDGES SHALL BE EXTENDED DOWN OVER THE FACE OF THE UNIT AND ALL SEAMS SHALL BE LAPPED AND SEALED. FASTEN COVER TO UNIT TO TOP OF UNIT OR STRAP DOWN TO PREVENT UPLIFT OF COVER. ALL FASTENERS S

Estimate of Materials

Date: 12/12/2025
VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR
Project: FINISHES BLDG 1 & OPC

ITEM #	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT
	DIV.02	EXISTING CONDITIONS				
1		REMOVE JUNCTION BOX	6	0%	6	EA
2		EXISTING AIR CURTAIN TO BE REMOVED	3	0%	3	EA
3		DEMO INSULATED SLIDING GLASS DOOR	1	0%	1	EA
4		DEMO INSULATED BI- FOLDING GLASS DOOR	1	0%	1	EA
5		REMOVE LIGHTING FIXTURES	1	0%	1	EA
6		DISCONNECT AND REMOVE EXISTING CARD READER	2	0%	2	EA
7		REMOVE CONDUIT	51	0%	51	LF
8		DEMO SPANDREL GLASS	175	0%	175	SF
9		REMOVE COPING	47	0%	47	LF
10		DEMO ALUMINUM FRAMING	278	0%	278	SF
11		REMOVE MULTIPLE-PLY BUILT UP ROOFING SYSTEM	2463	0%	2,463	SF
12		REMOVE BALLAST BUILT-UP ROOFING, SHEATHING COVER BOARDS, AND INSULATION WALK-WAY PADS, DOWN TO CONCRETE DECK	17029	0%	17,029	SF
13		ALLOWANCES FOR MISC. AND SPECIAL CONSTRUCTION	1	0%	1	LS
	DIV.05	METAL				
14		W18X35	49	10%	54	LF
15		W8X10	130	10%	143	LF
16		W10X22 (LO)	80	10%	88	LF
17		CANT. W8X10 (HI)	74	10%	81	LF
18		W10X22 (LO)	78	10%	86	LF
19		C12X20.7	99	10%	109	LF
20		HSS 3X3X1/4	144	10%	158	LF
	DIV.07	THERMAL AND MOISTURE PROTECTION				
21		INSTALL NEW SINGLE-PLY ROOFING	4206	10%	4,626	SF
22		INSTALL NEW SINGLE-PLY ROOFING, INCLUDING INSULATION, SHEATHING AND WALK-WAY PADS	25234	10%	27,758	SF
	DIV.08	OPENINGS				
23		3'-8" WIDTH X 11' HEIGHT GLAZING WINDOW	10	0%	10	EA
24		11'-4" WIDTH X 5'-4" HEIGHT DOUBLE GLAZING WINDOWS	23	0%	23	EA
25		3'-4" WIDTH X 4'-6" HEIGHT SINGLE GLAZING WINDOW	11	0%	11	EA
26		14' WIDTH X 7'-10" HEIGHT NEW INSULATED SLIDING GLASS DOOR	1	0%	1	EA
27		3'-10"WIDTH X 3'-4"HEIGHTLOUVERS	1	0%	1	EA
	DIV.09	FINISHES				
28		CONCRETE SPALLLS	1975	10%	2,173	SF
29		STAINS IN STUCCO CLADDING	487	10%	535	SF
30		STUCCO CRACKS	2270	10%	2,497	SF
31		TERRA COTTRA PANEL CRACKS	12522	10%	13,774	SF
32		TERRA COTTA SILL SPALL	15963	10%	17,559	SF
33		EFFLORESCENCE STAINING AND STAINING IN TERRA COTTA UNITS	2630	10%	2,893	SF
34		ACTIVE MOISTURE LEAK	414	10%	456	SF
35		NEW SPANDREL GLASS	178	10%	195	SF
36		INSTALL NEW GALVANIZED SHEET METAL COVER OVER THE AIR HANDLER. SEAL ALL SEAMS BETWEEN SHEETS AND FASTEN TO TOP OF AHU	117	10%	129	SF
37		LOOSE, DETERIORATED AND MISSING MORTAR JOINTS	348	10%	382	SF
38		DETERIORATED METAL SUNSHADES	410	10%	451	SF
39		REPAIR FLASHING BETWEEN CANOPY AND VESTIBULE ROOF	1432	10%	1,575	SF
40		CONCRETE CRACK	1546	10%	1,701	SF
41		19-W-4 GALVANIZED STEEL GRATING W/ 1" x 1/8" BRG. BARS AT 1 3/16" & WELDED CROSS BARS AT 4" O.C. (LO).	28	10%	31	SF
42		NEW VESTIBULE SLIDING DOOR WITH NEW	1	0%	1	EA
43		SINGLE-GLAZED WINDOWS AND STORE FRONG WITH DOUBLE GLAZING	2	0%	2	EA
44		16' WIDTH X 6'-10"HEIGHTLOUVERS	1	0%	1	EA
45		METAL SUNSHADE	5	0%	5	EA
46		EIFS WALL SEPARATION	8	0%	8	EA
47		PROVIDE NEW ALUMINUM FRAMING	70	10%	77	LF
48		TERRA COTTA PANEL STONE SPALL	584	10%	643	SF
49		CLEAN AND PAINT METAL PANELS OF OPC LVL1	625	10%	688	SF
50		TERRA COTTA PANEL SPALL	1953	10%	2,148	SF
51		STAIRS ACCESS	1	0%	1	LS
52		TERRA COTTRA PANEL CRACKS	5318	10%	5,850	SF

THE LISTED QUANTITIES ARE PROJECT MINIMUM AND TO BE USED AS A GUIDE IN CONJUNCTION WITH THE PROJECT DRAWINGS IN DETERMINING THE SCOPE OF ALL EXTERIOR REPAIR WORK. ALL EXISTING CONDITIONS AND ALL MEASUREMENTS SHOULD BE FIELD VERIFIED BY CONTRACTOR.

Revisions: Date:

CONSULTANT

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STAMP
JASON RUMPLE LICENSED 6510 KANSAS ARCHITECT 1-23-2026

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

Drawing Title: SCOPE OF WORK - MINIMUM BID QUANTITIES
Approved: Project Director
Phase: 100% NOT FOR CONSTRUCTION BID DOCUMENTS
FULLY SPRINKLERED
Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC
Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223
Issue Date: 1-23-2026
Checked: AR
Drawn: TL
Project Number: 570-21-108
Building Number:
Drawing Number: G003

VA FORM 08 - 6231

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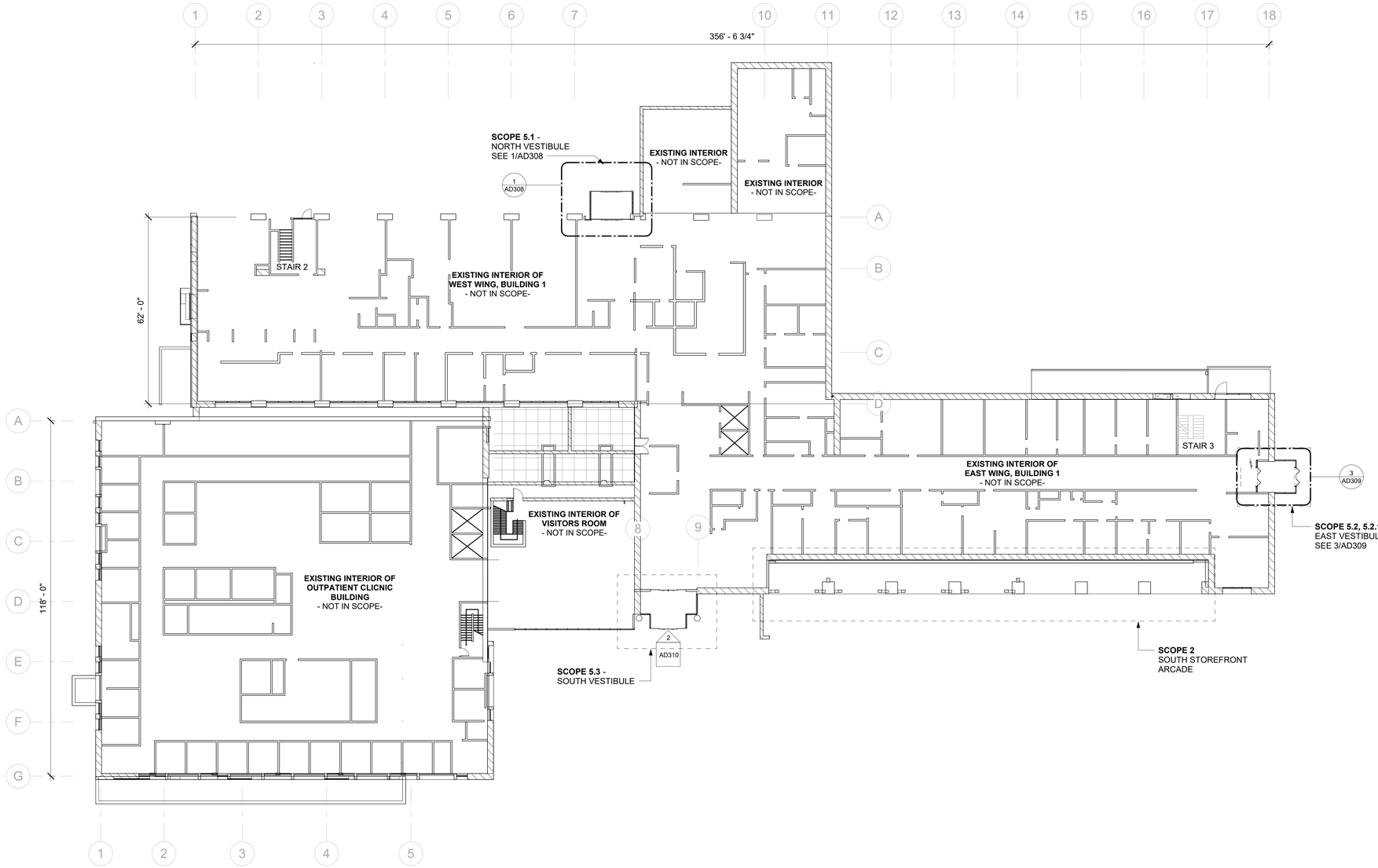
SCOPE 2

BUILDING 1, OPC, OPC2 GLAZING

SCOPE 5

REPAIR STOREFRONT NORTH, SOUTH & EAST DEMOLITION VESTIBULE BUILDING 1



1 LEVEL 1 Copy 1
SCALE: 1/16" = 1'-0"

SCOPE DESCRIPTION

2. 0 - SCOPE 2 - BUILDING 1, OPC, OPC2 GLAZING: (SEE A810 SERIES)

2.1.1 REPLACE SINGLE-GLAZED WINDOWS AND STOREFRONT WITH DOUBLE GLAZING:

DEMOLITION: THIS SCOPE OF DEMOLITION WORK INCLUDES THE FOLLOWING: REMOVAL OF THE GLAZING UNITS. FRAMING STOPS IN THE STOREFRONT, AND WINDOW FRAMING. CLEAN AWAY ANY SEALANT AND GASKET MATERIAL FROM THE ALUMINUM FRAMES. REMOVE INTERIOR BLINDS. DISPOSE ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS.

TEMPORARY PROTECTION AND MEASURES: PROVIDE FOR PHASED CONSTRUCTION AND OUT OF HOURS WORK TO LIMIT DISRUPTION FOR THE MEDICAL CENTER 'S OPERATIONS. PROVIDE TEMPORARY PROTECTION TO MAINTAIN INTERIOR ENVIRONMENT AND INFECTION CONTROL (ICRA) AS WELL AS INSECT CONTROL, DURING CONSTRUCTION.

NEW WORK: REPLACE OR MODIFY EXISTING STOREFRONT AND WINDOW FRAMING TO ALLOW THE FRAMING TO RECEIVE THE NEW INSULATED GLAZING UNITS. REINFORCE ANCHORAGE IF REQUIRED TO ACCOMMODATE THE ADDITIONAL WEIGHT OF THE NEW GLAZING UNITS. FINISH OF THE ALUMINUM FRAMING SHALL MATCH THE EXISTING FRAMING.

- FOR THE ARCADE STOREFRONT FENESTRATION OF BUILDING 1, NEW OR REFURBISHED FRAMING MEMBERS SHALL RECEIVE A POWDERED-COATED FINISH OR CLEAR ANODIZED FINISH.
- FOR THE OPC WINDOW FRAMES, A BRONZE ANODIZED FINISH OR POWDERED COATED FINISH SHALL BE USED.
- GLAZING UNITS FOR THE BUILDING 1 WILL BE CLEAR HIGH-PERFORMANCE INSULATED UNITS. THE NEW OPC INSULATED WINDOW GLAZING UNITS SHALL BE FABRICATED WITH A BRONZE TINTED OUTER LITE AND A CLEAR INNER LITE TO MATCH THE EXISTING GLAZING ON THE UPPER FLOORS OF THE OPC. PROVIDE BLAST FILM TO ALL NEW UNITS.
- IN BUILDING 1, THE LOWER GLAZING UNIT OF THE ARCADE STOREFRONT, THE BLAST FILM WILL HAVE A WHITE TRANSLUCENT TINT.
- PROVIDE FOR EITHER HORIZONTAL OR VERTICAL BLINDS AT ALL GLAZING OPENINGS TO MATCH EXISTING BLINDS.

2.1.2 - REPLACE EXISTING DOUBLE GLAZED WINDOWS: REPLACE WINDOWS WITH INTEGRAL BLINDS WITH NEW INSULATED GLAZING UNITS AND BLINDS TO MATCH EXISTING

5.0 - SCOPE 5 - REPAIR STOREFRONT NORTH, SOUTH & EAST DEMOLITION VESTIBULE BUILDING 1: (SEE AD308, AD309, AD310, A309, A309, A310& A810 SERIES). THE GENERAL CONCTRACTOR SHALL COORDINATE WITH THE VA COR FOR PHASING OF EACH VESTIBULE CONSTRUCTION TO MAINTAIN AT LEAST TWO OPERATIONAL VESTIBULES FOR THE BUILDING EGRESS.

5.1 - NORTH VESTIBULE: DEMOLITION: FOR THIS SCOPE OF WORK DEMOLITION INCLUDES THE FOLLOWING: REMOVE ATTACHED AIR CURTAIN, SECURITY DEVICES; DOOR DEVICES FROM THE EXISTING EXTERIOR ENCLOSURE. REMOVE EXISTING OUTER SLIDING DOOR; PARTIALLY DEMOLISH THE EXISTING CEILING AROUND EXTERIOR PERIMETER TO ALLOW FOR THE INSTALLATION OF NEW EXTERIOR ENCLOSURE; REMOVE EXTERIOR GLAZING UNITS. REMOVE PORTIONS OF THE CANOPY METAL ROOF DOWN TO STRUCTURAL MEMBERS. SALVAGE AIR CURTAINS AND SECURITY DEVICES FOR REUSE. DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS.

TEMPORARY PROTECTION AND MEASURES: MAINTAIN INTERIOR WALLS AND INTERIOR SLIDING GLASS DOORS OF THE VESTIBULE. PROVIDE FOR PHASED CONSTRUCTION OF ENTRANCE VESTIBULE TO ALWAYS MAINTAIN SAFE EGRESS PATHS FROM THE BUILDING. PROVIDE TEMPORARY ENCLOSURES FOR THE EGRESS PATHS, INFECTION CONTROL (ICRA), INSECT CONTROLS, LIGHTING, AND SIGNAGE DURING CONSTRUCTION. MAINTAIN ALL FIRE PROTECTION AND FIRE ALARM DEVICES.

NEW WORK: REPLACE OR MODIFY EXISTING FRAMING BY INSTALLING PARTIAL MULLIONS, GLAZING STOPS OR REPLACEMENT OF EXISTING ALUMINUM FRAMES TO RECEIVE NEW INSULATED GLAZING UNITS. NEW ALUMINUM FRAMING SHALL HAVE A CLEAR ANODIZED FINISH. FOR VISION AREAS OF GLAZING, PROVIDE CLEAR HIGH-PERFORMANCE INSULATED GLAZING UNITS. PROVIDE OPACIFIED FRITTED GLASS SPANDREL UNITS AT NON-VISION AREAS. INSTALL INSULATION BEHIND SPANDREL GLASS. REBUILD/REPAIR PERIMETER GYPSUM WALLBOARD SOFFIT AND INSTALL NEW ACOUSTICAL CEILING IN VESTIBULE CEILING. PROVIDE NEW AUTOMATIC INSULATED-GLASS SLIDING DOORS, WITH MOTION DETECTION SENSOR. REINSTALL SECURITY DEVICES AND AIR CURTAIN.

5.2 - EAST VESTIBULE: FOLLOW SCOPE OF WORK OUTLINED ABOVE FOR NORTH VESTIBULE, EXCEPT TO REPLACE EXISTING BI-FOLDING DOORS WITH NEW INSULATED GLAZING AUTOMATIC GLASS.

5.2.1 - REPAIR FLASHING BETWEEN CANOPY AND VESTIBULE ROOF: REMOVE EXISTING FLASHING, SALVAGING EXISTING SECTIONS TO RESET. REPLACE ANY SECTION CURRENTLY DAMAGED OR DAMAGED DURING REMOVAL WITH NEW METAL SECTIONS. RESET FLASHING (EXPANSION JOINT COVER), ENSURING PROPER SEALED OVERLAP OF SECTIONS AND SEAL FLASHING TO SUBSTRATES WITH PROPER EMBEDMENT IN COMPATIBLE SEALANT.

5.3 - SOUTH ENTRANCE VESTIBULE: REPLACE EXISTING SLIDING DOOR WITH NEW AUTOMATIC INSULATED GLASS SLIDING DOOR.

KEYPLAN

Revisions:	Date:
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Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
LEVEL 1 DEMO FLOOR PLAN	100% NOT FOR CONSTRUCTION BID DOCUMENTS	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	570-21-108
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Building Number
		Issue Date: 1-23-2026 / Checked: AR / Drawn: TL	Drawing Number: AD100

VA FORM 08 - 6231

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SCOPE 3

ROOF REPAIR LOWER ROOF OF OPC & WEST WING BUILDING 1

SCOPE 4

STAIR ACCESS FROM OPC TO BUILDING 1 CHAPEL ROOF

SCOPE 5

REPAIR STOREFRONT NORTH, SOUTH & EAST DEMOLITION VESTIBULE BUILDING 1

DEDUCT ALTERNATE 1

SCOPE 6

OPC BALLAST ROOF DEMOLITION

DEDUCT ALTERNATE 2

SCOPE 7

BUILDING 1 WEST WING ROOF, BRIDGE ROOF & CHAPEL ROOF REPLACEMENT

SCOPE DESCRIPTION

3.0 - SCOPE 3 - ROOF REPAIR OF LOWER ROOF OF OPC & WEST WING BUILDING 1: (SEE A820 SERIES)

SCOPE OF WORK: INCLUDES CLEANING OF ROOF WHERE LEAKS ARE OCCURRING, AND THE REMOVAL OF DEBRIS AND ABANDONED EQUIPMENT. CLEAN ROOF, REMOVING ANY ORGANIC MATERIALS FROM ROOF SURFACE. EXAMINE THE DECK FROM FLOOR BELOW TO DETERMINE THE EXTENT OF LEAKAGE THAT IS OCCURRING AND OBSERVING WHERE THE LEAKAGE EMANATES FROM. REMOVE ROOFING MEMBRANE DOWN TO INSULATION AND FLASHINGS IN THE AREA OF THE ROOF FAILURE. REMOVE COVER BOARD AND INSULATION THAT HAS INCURRED MOISTURE DAMAGE. REMOVE ANY ROOFING MATERIALS THAT EXHIBIT MOLD GROWTH. REPLACE ROOF INSULATION, MAINTAINING PROPER SLOPES TO DRAINS, COVER BOARDS, AND CUT-IN NEW ROOFING MEMBRANE PER MANUFACTURER 'S REPAIR DETAILS FOR EXISTING MEMBRANE. RESET ROOF DRAINS IN THE AREA OF THE LEAKAGE, WITH MEMBRANE CLAMPED INTO DRAIN. SECURE DRAIN DOME OR REPLACE DOME IF MISSING. REPLACE FLASHING USING ROOFING MANUFACTURER'S APPROVED MATERIALS. RESEAL AROUND FLASHINGS, ROOFTOP EQUIPMENT, ETC. TO ENSURE AREAS VULNERABLE TO WATER INFILTRATION HAVE BEEN REPAIRED. FLOOD TEST FINISHED WORK TO PROVE EFFICACY OF REPAIR.

TEMPORARY PROTECTION AND MEASURES: REMOVAL SHALL BE DONE IN SECTIONS, COORDINATED WITH INSTALLATION OF NEW REPLACEMENT ROOF SO THAT ONLY A LIMITED PORTION OF THE ROOF IS EXPOSED AT ANY ONE TIME. PROVIDE APPROPRIATE LEVEL OF INFECTION CONTROL (ICRA) DURING CONSTRUCTION.

4.0 - SCOPE 4 - STAIR ACCESS FROM OPC TO BUILDING 1 CHAPEL ROOF: (SEE A400 SERIES & S2.3)

DEMOLITION: THIS SCOPE OF DEMOLITION WORK INCLUDES CUTTING THROUGH THE EXTERIOR WALL OF THE SECOND FLOOR CORRIDOR C-503-14 OF THE LINK BETWEEN OPC AND BUILDING 1, ALONG GRIDLINE B1 BETWEEN GRIDLINES 7 AND 8, FOR AN ACCESS DOOR OPENING AND FOR PLATFORM FRAMING AT COLUMNS B1/7 AND B1/8.

NEW WORK: NEW WORK INCLUDES INSTALLATION OF NEW INSULATED HOLLOW METAL DOOR AND FRAME INTO CORRIDOR C-502-13 EXTERIOR WALL AND WELDING OF HSS GALVANIZED STEEL PLATFORM FRAMING MEMBERS TO BUILDING FRAME AT COLUMNS B1/7 AND B1/8. REPAIR/PATCH EXTERIOR FINISHES AROUND STEEL FRAMING MEMBERS AND DOOR OPENING TO MATCH EXISTING. INSTALL PLATFORM FRAMING FOR ACCESS STAIR OVER THE PARAPET OF THE CHAPEL ROOF. ALL FRAMING WILL BE WELDED HSS OR WIDE-FLANGE MEMBERS, GALVANIZED. THE PLATFORM FLOOR, STAIR TREADS AND STAIR LANDING WILL BE MADE FROM NON-SLIP REINFORCED FIBERGLASS GRATING. STAIR STRINGERS, TOE KICKS WILL BE GALVANIZED PLATE STEEL AND HANDRAIL WILL BE GALVANIZED STEEL PIPE. ACCESS DOOR AND FRAME WILL BE PAINTED TO MATCH EXISTING STUCCO FINISHES.

TEMPORARY PROTECTION AND MEASURES: PROVIDE INFECTION CONTROL BARRIERS (ICRA) AND INSECT CONTROL DEVICES DURING CONSTRUCTION OF ACCESS DOOR IN THE EXTERIOR WALL AND THE EXTERIOR PLATFORMS AND STAIRS.

5.0 - SCOPE 5 - REPAIR STOREFRONT NORTH, SOUTH & EAST DEMOLITION VESTIBULE BUILDING 1: (SEE AD308, AD309, AD310, A308, A309, A310& A810 SERIES). THE GENERAL CONCTRACTOR SHALL COORDINATE WITH THE VA COR FOR PHASING OF EACH VESTIBULE CONSTRUCTION TO MAINTAIN AT LEAST TWO OPERATIONAL VESTIBULES FOR THE BUILDING EGRESS.

5.1 - NORTH VESTIBULE: DEMOLITION: FOR THIS SCOPE OF WORK DEMOLITION INCLUDES THE FOLLOWING: REMOVE ATTACHED AIR CURTAIN, SECURITY DEVICES; DOOR DEVICES FROM THE EXISTING EXTERIOR ENCLOSURE, REMOVE EXISTING OUTER SLIDING DOOR; PARTIALLY DEMOLISH THE EXISTING CEILING AROUND EXTERIOR PERIMETER TO ALLOW FOR THE INSTALLATION OF NEW EXTERIOR ENCLOSURE; REMOVE EXTERIOR GLAZING UNITS. REMOVE PORTIONS OF THE CANOPY METAL ROOF DOWN TO STRUCTURAL MEMBERS. SALVAGE AIR CURTAINS AND SECURITY DEVICES FOR REUSE. DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS.

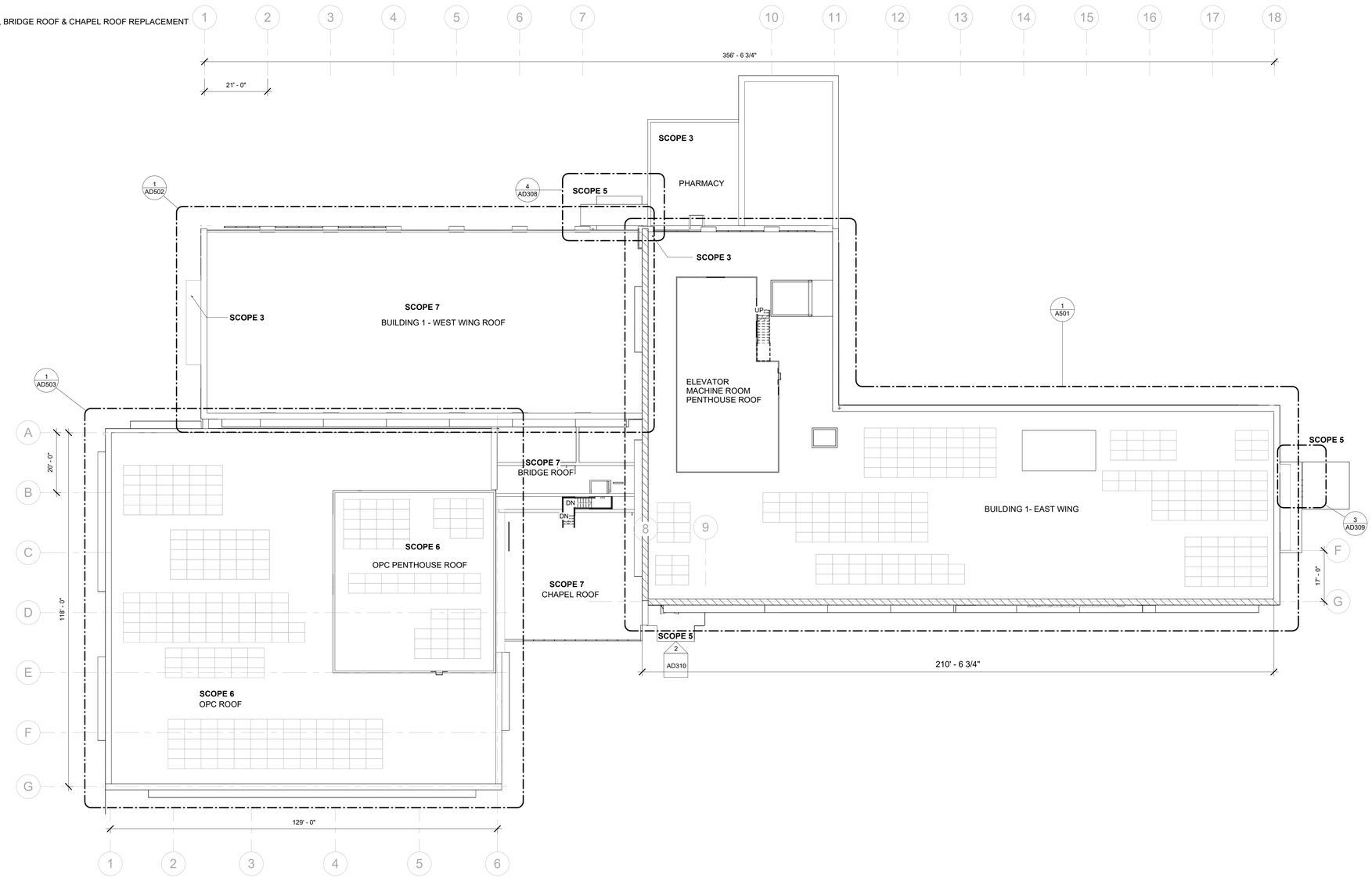
TEMPORARY PROTECTION AND MEASURES: MAINTAIN INTERIOR WALLS AND INTERIOR SLIDING GLASS DOORS OF THE VESTIBULE. PROVIDE FOR PHASED CONSTRUCTION OF ENTRANCE VESTIBULE TO ALWAYS MAINTAIN SAFE EGRESS PATHS FROM THE BUILDING. PROVIDE TEMPORARY ENCLOSURES FOR THE EGRESS PATHS, INFECTION CONTROL (ICRA), INSECT CONTROLS, LIGHTING, AND SIGNAGE DURING CONSTRUCTION. MAINTAIN ALL FIRE PROTECTION AND FIRE ALARM DEVICES.

NEW WORK: REPLACE OR MODIFY EXISTING FRAMING BY INSTALLING PARTIAL MULLIONS, GLAZING STOPS OR REPLACEMENT OF EXISTING ALUMINUM FRAMES TO RECEIVE NEW INSULATED GLAZING UNITS. NEW ALUMINUM FRAMING SHALL HAVE A CLEAR ANODIZED FINISH. FOR VISION AREAS OF GLAZING, PROVIDE CLEAR HIGH-PERFORMANCE INSULATED GLAZING UNITS. PROVIDE OPACIFIED FRITTED GLASS SPANDREL UNITS AT NON-VISION AREAS. INSTALL INSULATION BEHIND SPANDREL GLASS. REBUILD/REPAIR PERIMETER GYPSUM WALLBOARD SOFFIT AND INSTALL NEW ACOUSTICAL CEILING IN VESTIBULE CEILING. PROVIDE NEW AUTOMATIC INSULATED-GLASS SLIDING DOORS, WITH MOTION DETECTION SENSOR. REINSTALL SECURITY DEVICES AND AIR CURTAIN.

5.2 - EAST VESTIBULE: FOLLOW SCOPE OF WORK OUTLINED ABOVE FOR NORTH VESTIBULE, EXCEPT TO REPLACE EXISTING BI-FOLDING DOORS WITH NEW INSULATED GLAZING AUTOMATIC GLASS.

5.2.1 - REPAIR FLASHING BETWEEN CANOPY AND VESTIBULE ROOF: REMOVE EXISTING FLASHING, SALVAGING EXISTING SECTIONS TO RESET. REPLACE ANY SECTION CURRENTLY DAMAGED OR DAMAGED DURING REMOVAL WITH NEW METAL SECTIONS. RESET FLASHING (EXPANSION JOINT COVER), ENSURING PROPER SEALED OVERLAP OF SECTIONS AND SEAL FLASHING TO SUBSTRATES WITH PROPER EMBEDMENT IN COMPATIBLE SEALANT.

5.3 - SOUTH ENTRANCE VESTIBULE: REPLACE EXISTING SLIDING DOOR WITH NEW AUTOMATIC INSULATED GLASS SLIDING DOOR.



1 ROOF - OVERALL Copy 1
SCALE: 1/16" = 1'-0"

6.0 - SCOPE 6 - OPC BALLAST ROOF REPLACEMENT: (SEE A820 SERIES)

DEMOLITION: FOR THIS SCOPE OF WORK INCLUDES THE REMOVAL OF ALL BALLAST, BUILT-UP ROOFING MEMBRANE, WALK-WAY PADS, SHEATHING/COVER BOARDS, AND INSULATION DOWN TO CONCRETE ROOF DECK, AND REMOVE FLASHINGS AROUND PIPE AND DUCT PENETRATIONS. REMOVE SECTIONS OF ALUMINUM COPING TO ENABLE INSTALLATION OF NEW ROOFING MEMBRANE. SALVAGE UNDAMAGED COPING SECTIONS FOR REINSTALLATION. AT AIR HANDLERS, EXPOSED MECHANICAL EQUIPMENT AND FANS, LIFT EXISTING FLASHING TO ALLOW FOR NEW ROOFING MEMBRANE AND FLASHING TO BE INSTALLED UP TO THE TOP OF THE CURB AROUND AIR HANDLERS, EXPOSED MECHANICAL EQUIPMENT AND FANS. REMOVAL SHALL BE DONE IN SECTIONS, COORDINATED WITH INSTALLATION OF NEW REPLACEMENT ROOF SO THAT ONLY A LIMITED PORTION OF THE ROOF IS EXPOSED AT ONE TIME. PROVIDE PROTECTION FOR INCLEMENT WEATHER OF EXPOSED AREAS DURING REROOFING. REMOVE BIRD PROTECTION TO AREA NORTH OF THE EXISTING PENTHOUSE. THOROUGHLY CLEAN PARAPETS, PENTHOUSE WALLS, EQUIPMENT, AND EXPOSED DUCT WORK ON THE NORTH SIDE OF THE PENTHOUSE, TO REMOVE BIRD EXCREMENT AND SANITIZE AREA AND AIR INTAKES. DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS. PROVIDE FOR APPROPRIATE LEVEL OF INFECTION CONTROL DURING ALL PHASES OF CONSTRUCTION.

NEW WORK: SHALL INCLUDE INSTALLATION OF COMPLETE NEW FULLY ADHERED SINGLE-PLY ROOFING SYSTEM INCLUDING VAPOR BARRIER ON CONCRETE SUBSTRATE, TAPERED ROOF INSULATION, SHEATHING, SINGLE-PLY (MINIMUM 60 MIL THICK) MEMBRANE, WALK-WAY PADS, STAINLESS STEEL FLASHINGS, PREFORMED FLASHINGS FOR PIPE AND DUNNAGE SUPPORT PENETRATIONS, PIPE SUPPORTS, AND DUCT SUPPORTS.

INSTALL NEW BIRD PROTECTION DEVICES AND SCREENS WITH ACCESS DOOR TO AREA IDENTIFIED AROUND EQUIPMENT AND DUCTS ON THE NORTH SIDE OF THE PENTHOUSE. AT THE PARAPET PROVIDE NEW ALUMINUM COPING, FORMED AND PAINTED TO MATCH EXISTING, WHERE REMOVAL OF EXISTING COPING IS NOT SALVAGEABLE. MAINTAIN OPERATION OF ALL MECHANICAL EQUIPMENT, VENTS, AND DEVICES ON ROOF DURING REROOFING.

7.0 - SCOPE 7 - BUILDING 1 WEST WING ROOF, BRIDGE ROOF & CHAPEL ROOF REPLACEMENT: (SEE A820 SERIES)

7.1 - REPLACE EXISTING ROOFING MATERIAL, ACCESSORIES WITH NEW SINGLE PLY ROOFING SYSTEM AND NEW ACCESSORIES

DEMOLITION: FOR THIS SCOPE OF WORK DEMOLITION INCLUDES THE REMOVAL OF ALL BALLAST, BUILT-UP ROOFING MEMBRANE, WALK-WAY PADS, SHEATHING/COVER BOARDS, AND INSULATION DOWN TO CONCRETE ROOF DECK, AND REMOVE FLASHINGS AROUND PIPE AND DUCT PENETRATIONS. CUT BACK ROOFING AT PARAPETS VERTICALLY UP TO 30 INCHES ABOVE FINISHED ROOF SURFACE, PROTECT THROUGH-WALL FLASHING. AT AIR HANDLERS, EXPOSED MECHANICAL EQUIPMENT, FANS AND EQUIPMENT ROOMS LIFT EXISTING FLASHING TO ALLOW FOR NEW ROOFING MEMBRANE AND FLASHING TO BE INSTALLED UP TO THE TOP OF THE CURB AROUND AIR HANDLERS AND EQUIPMENT ROOMS. REMOVAL SHALL BE DONE IN SECTIONS, COORDINATED WITH INSTALLATION OF NEW REPLACEMENT ROOF SO THAT ONLY A LIMITED PORTION OF THE ROOF IS EXPOSED AT ONE TIME. PROVIDE PROTECTION FOR INCLEMENT WEATHER OF EXPOSED AREAS DURING REROOFING. DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS. PROVIDE FOR APPROPRIATE LEVEL OF INFECTION CONTROL DURING ALL PHASES OF CONSTRUCTION. EXISTING DUNNAGE MAY BE LIFTED AND REMOVED IF NO LONGER REQUIRED BY VA AFTER VERIFICATION WITH VA.

NEW WORK: NEW WORK INCLUDES INSTALLATION OF COMPLETE NEW ROOFING FULLY-ADHERED SINGLE-PLY SYSTEM INCLUDING VAPOR BARRIER ON CONCRETE SUBSTRATE, TAPERED ROOF INSULATION, SHEATHING, SINGLE-PLY (MINIMUM 60 MIL THICK) MEMBRANE. WALK-WAY PADS, STAINLESS STEEL FLASHINGS, PREFORMED FLASHINGS FOR PIPE AND DUNNAGE SUPPORT PENETRATIONS, PIPE SUPPORTS, ETC. AT THE PARAPET PROVIDE NEW STAINLESS STEEL FLASHING AND COUNTER FLASHING AT NEW CUT-IN REGLET AROUND ENTIRE PARAPET TO RECEIVE NEW ROOFING MEMBRANE FLASHING. MAINTAIN OPERATION OF ALL MECHANICAL EQUIPMENT, VENTS, AND DEVICES ON ROOF DURING REROOFING.

AT THE SMALL AIR HANDLING UNIT, IDENTIFIED IN THE DRAWINGS, PROVIDE A NEW GALVANIZED SHEET METAL COVER OVER THE TOP OF THE ENTIRE UNIT. EDGES SHALL BE EXTENDED DOWN OVER THE FACE OF THE UNIT AND ALL SEAMS SHALL BE LAPPED AND SEALED. FASTEN COVER TO UNIT TO TOP OF UNIT OR STRAP DOWN TO PREVENT UPLIFT OF COVER. ALL FASTENERS SHALL BE STAINLESS STEEL.

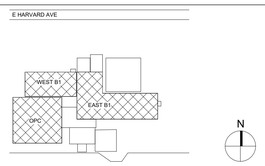
7.2 - REPLACE EXISTING ROOFING MATERIAL, ACCESSORIES WITH NEW SINGLE PLY ROOFING SYSTEM AND NEW ACCESSORIES AT CHAPEL ROOF

DEMOLITION: FOR THIS SCOPE OF WORK INCLUDES THE REMOVAL OF ALL BALLAST, BUILT-UP ROOFING MEMBRANE, WALK-WAY PADS, SHEATHING/COVER BOARDS, AND INSULATION DOWN TO CONCRETE ROOF DECK, AND REMOVE FLASHINGS AROUND PIPE AND DUCT PENETRATIONS. REMOVE SECTIONS OF ALUMINUM COPING TO ENABLE INSTALLATION OF NEW ROOFING MEMBRANE. SALVAGE UNDAMAGED COPING SECTIONS FOR REINSTALLATION. AT AIR HANDLERS, EXPOSED MECHANICAL EQUIPMENT AND FANS, LIFT EXISTING FLASHING TO ALLOW FOR NEW ROOFING MEMBRANE AND FLASHING TO BE INSTALLED UP TO THE TOP OF THE CURB AROUND AIR HANDLERS, EXPOSED MECHANICAL EQUIPMENT AND FANS. REMOVAL SHALL BE DONE IN SECTIONS, COORDINATED WITH INSTALLATION OF NEW REPLACEMENT ROOF SO THAT ONLY A LIMITED PORTION OF THE ROOF IS EXPOSED AT ONE TIME. PROVIDE PROTECTION FOR INCLEMENT WEATHER OF EXPOSED AREAS DURING REROOFING. DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS. PROVIDE FOR APPROPRIATE LEVEL OF INFECTION CONTROL DURING ALL PHASES OF CONSTRUCTION.

NEW WORK: SHALL INCLUDE INSTALLATION OF COMPLETE NEW FULLY ADHERED SINGLE-PLY ROOFING SYSTEM INCLUDING VAPOR BARRIER ON CONCRETE SUBSTRATE, TAPERED ROOF INSULATION, SHEATHING, SINGLE-PLY (MINIMUM 60 MIL THICK) MEMBRANE, WALK-WAY PADS, STAINLESS STEEL FLASHINGS, PREFORMED FLASHINGS FOR PIPE AND DUNNAGE SUPPORT PENETRATIONS, PIPE SUPPORTS, AND DUCT SUPPORTS.

7.2.1 EXPANSION JOINT BETWEEN CHAPEL ROOF AND OPC: REMOVE EXISTING EXPANSION JOINT COVER AND SEALANTS USED TO INSTALL THE EXPANSION JOINT COVER. REPLACE WITH NEW EXPANSION JOINT COVER FORMED FROM 16 GA (MIN. THICKNESS) 304 STAINLESS STEEL SHEET. FORM COVER JOINT TO ACHIEVE THE REQUIRED SEISMIC MOVEMENTS AND WITH PROPER SLOPE OF MINIMUM 5% AWAY FROM THE OPC TO THE CHAPEL ROOF. INSTALL NEW EXPANSION JOINT COVER, ENSURING PROPER SEALED OVERLAP OF SECTIONS AND SEAL COVER JOINT TO SUBSTRATES WITH COUNTER FLASHINGS AND PROPER EMBEDMENT IN COMPATIBLE SEALANT.

KEYPLAN



Revisions:	Date:

CONSULTANT

ARCHITECT / ENGINEER OF RECORD

paradigm
Architecture | Engineering | Design-Build
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www.paradigmusa.com

STAMP: AARON RUMPLER LICENSED 6510 KANSAS ARCHITECT 1-23-2026

Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: OVERALL DEMO ROOF PLAN	Phase: 100% NOT FOR CONSTRUCTION BID DOCUMENTS	Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	Project Number: 570-21-108
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Building Number:
		Issue Date: 1-23-2026 / Checked: AR / Drawn: TL	Drawing Number: AD200

VA FORM 08 - 6231

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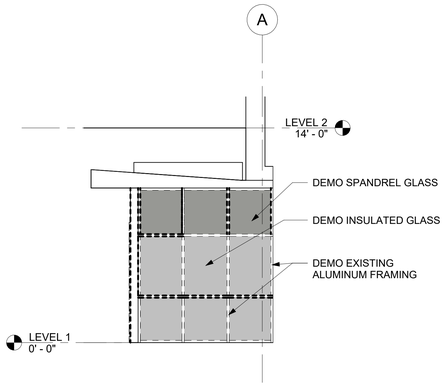
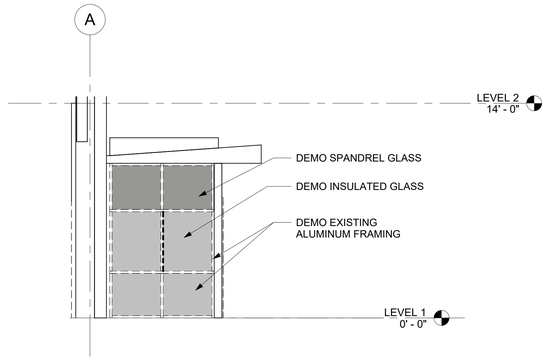
SCOPE 5.1

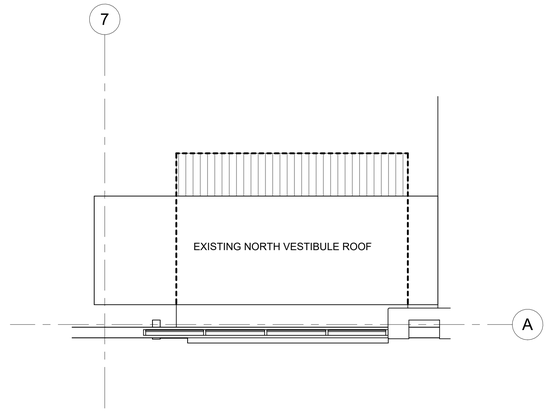
NORTH VESTIBULE



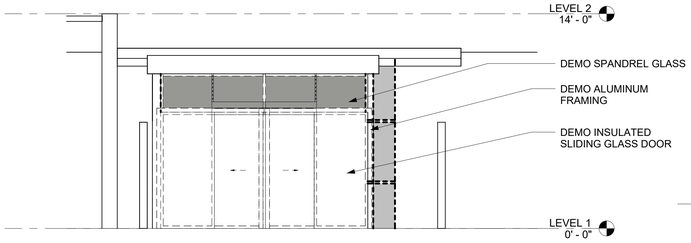
6 DEMO - NORTH VESTIBULE WEST ELEVATION
SCALE: 1/4" = 1'-0"



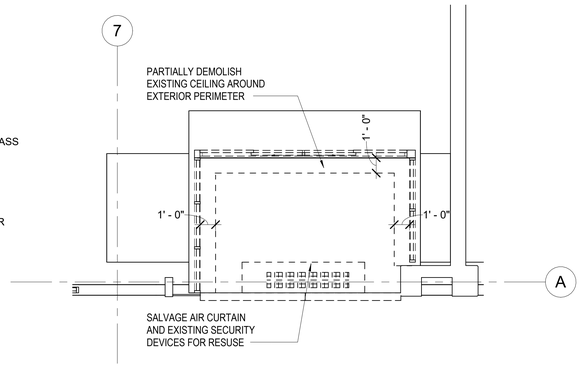
5 DEMO - NORTH VESTIBULE - EAST ELEVATION
SCALE: 1/4" = 1'-0"



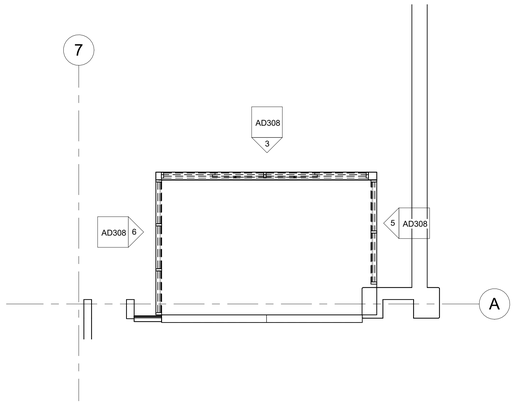
4 DEMO - NORTH VESTIBULE ROOF PLAN
SCALE: 1/4" = 1'-0"



3 DEMO - ENLARGED NORTH VESTIBULE - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



2 DEMO- VESTIBULE RCP
SCALE: 1/4" = 1'-0"



1 DEMO- NORTH VESTIBULE FLOOR PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE VA COR FOR PHASING OF EACH VESTIBULE CONSTRUCTION TO ENSURE FACILITY SCHEDULE AND TO MAINTAIN AT LEAST TWO OPERATIONAL VESTIBULES FOR THE BUILDING EGRESS. EACH VESTIBULE SHALL BE COMPLETED AND OPERATIONAL BEFORE THE NEXT VESTIBULE TO BE IN CONSTRUCTION. THE GC SHALL MAINTAIN CONSTRUCTION FENCE AROUND THE EXTERIOR OF THE VESITBULE FOR SAFETY AT ALL TIMES DURING CONSTRUCTION.
2. REFER TO DRAWINGS G002 FOR DESCRIPTION OF THE SCOPE OF WORK.
3. CONTRACTOR TO FIELD VERIFY ROUGH OPENINGS PRIOR TO DEMOLITION AND CONSTRUCTION OF VESTIBULES.
4. REFER TO MECHANICAL DRAWING "H" SERIES FOR AIR CURTAINS LOCATION TO BE REMOVED AND RE-INSTALLED.
5. ALL GLAZING SHALL BE LAMINATED GLAZING. SHALL BE DOUBLE PANE. EXTERIOR PANELS SHALL BE NON-LAMINATED GLASS. INTERIOR PANELS SHALL BE LAMINATED GLASS. REFER SPECS FOR BLAST RESISTANT WINDOWS. NEW GLAZING PANEL.
6. GLAZING BLAST RESISTANT RATING: LOW

SCOPE DESCRIPTION

5.0 - SCOPE 5 - REPAIR STOREFRONT NORTH, SOUTH & EAST DEMOLITION VESTIBULE BUILDING 1: (SEE AD308, AD309, AD310, A308, A309, A310& A810 SERIES). THE GENERAL CONCTRACTOR SHALL COORDINATE WITH THE VA COR FOR PHASING OF EACH VESTIBULE CONSTRUCTION TO MAINTAIN AT LEAST TWO OPERATIONAL VESTIBULES FOR THE BUILDING EGRESS.

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MATERIALS LEGEND

- GLAZING
- SPANDREL PANELS
- SCUPPER
- TERRA COTTA
- ANCHOR BOLT
- TO BE DEMOED
- ENTIRE AREA OF GLAZING (40 SF)

KEYPLAN

Revisions:	Date:

CONSULTANT

ARCHITECT / ENGINEER OF RECORD

paradigm
Architecture | Engineering | Design-Build
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www.paradigmusa.com

STAMP: AARON RUMPLER LICENSED 6510 KANSAS ARCHITECT 1-23-2026

Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: DEMO-ENLARGED NORTH VESTIBULE ROOF PLAN & ELEV	Phase: 100% NOT FOR CONSTRUCTION BID DOCUMENTS	Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	Project Number: 570-21-108
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Building Number:
		Issue Date: 1-23-2026 / Checked: AR / Drawn: TL	Drawing Number: AD308

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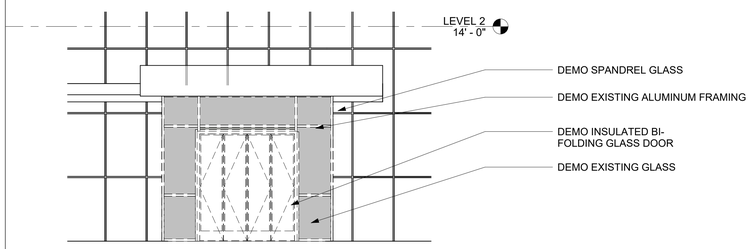
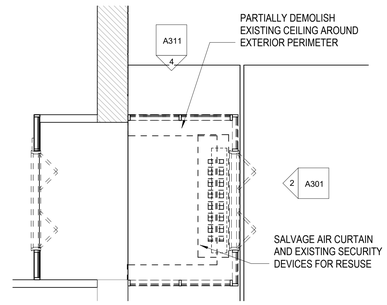
SCOPE 5.2

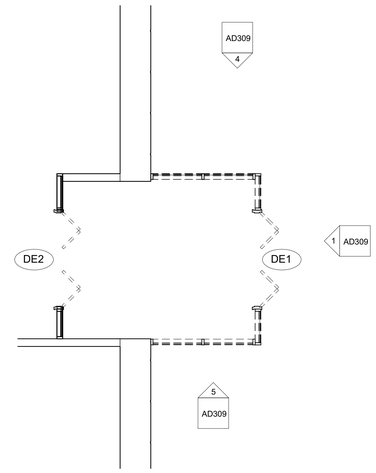
EAST VESTIBULE



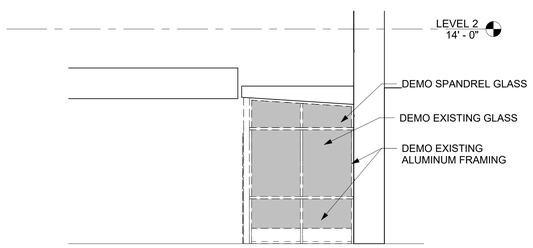
1 DEMO - ENLARGED EAST VESTIBULE - EAST ELEVATION
SCALE: 1/4" = 1'-0"



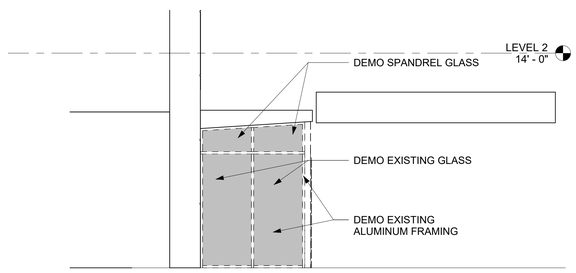
2 DEMO - EAST VESTIBULE RCP
SCALE: 1/4" = 1'-0"



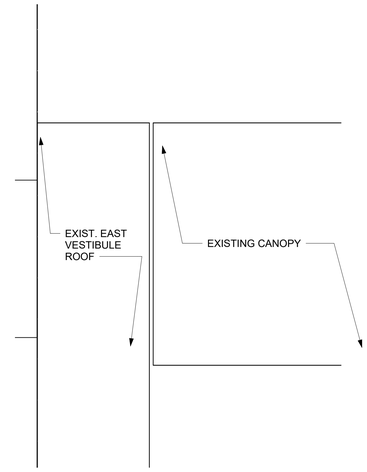
3 DEMO - EAST VESTIBULE FLOOR PLAN
SCALE: 1/4" = 1'-0"



4 DEMO - EAST VESTIBULE - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



5 Elevation 15 - a
SCALE: 1/4" = 1'-0"



6 DEMO - EAST VESTIBULE ROOF PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE VA COR FOR PHASING OF EACH VESTIBULE CONSTRUCTION TO ENSURE FACILITY SCHEDULE AND TO MAINTAIN AT LEAST TWO OPERATIONAL VESTIBULES FOR THE BUILDING EGRESS. EACH VESTIBULE SHALL BE COMPLETED AND OPERATIONAL BEFORE THE NEXT VESTIBULE TO BE IN CONSTRUCTION. THE GC SHALL MAINTAIN CONSTRUCTION FENCE AROUND THE EXTERIOR OF THE VESITBULE FOR SAFETY AT ALL TIMES DURING CONSTRUCTION.
2. REFER TO DRAWINGS G002 FOR DESCRIPTION OF THE SCOPE OF WORK.
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4. REFER TO MECHANICAL DRAWING "H" SERIES FOR AIR CURTAINS LOCATION TO BE REMOVED AND RE-INSTALLED.
5. ALL GLAZING SHALL BE LAMINATED GLAZING. SHALL BE DOUBLE PANE. EXTERIOR PANELS SHALL BE NON-LAMINATED GLASS. INTERIOR PANELS SHALL BE LAMINATED GLASS. REFER SPECS FOR BLAST RESISTANT WINDOWS. NEW GLAZING PANEL.
6. GLAZING BLAST RESISTANT RATING: LOW

SCOPE DESCRIPTION

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5.2 - EAST VESTIBULE: FOLLOW SCOPE OF WORK OUTLINED ABOVE FOR NORTH VESTIBULE, EXCEPT TO REPLACE EXISTING BI-FOLDING DOORS WITH NEW INSULATED GLAZING AUTOMATIC GLASS.

5.2.1 - REPAIR FLASHING BETWEEN CANOPY AND VESTIBULE ROOF: REMOVE EXISTING FLASHING, SALVAGING EXISTING SECTIONS TO RESET. REPLACE ANY SECTION CURRENTLY DAMAGED OR DAMAGED DURING REMOVAL WITH NEW METAL SECTIONS. RESET FLASHING (EXPANSION JOINT COVER), ENSURING PROPER SEALED OVERLAP OF SECTIONS AND SEAL FLASHING TO SUBSTRATES WITH PROPER EMBEDMENT IN COMPATIBLE SEALANT.

MATERIALS LEGEND

- GLAZING
- SPANDREL PANELS
- SCUPPER
- TERRA COTTA
- ANCHOR BOLT
- TO BE DEMOED
- ENTIRE AREA OF GLAZING (40 SF)

KEYPLAN

Revisions:	Date:
.	.

CONSULTANT

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Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	DEMO-ENLARGED EAST VESTIBULE ROOF PLAN & ELEV
Phase	100% NOT FOR CONSTRUCTION BID DOCUMENTS
Project Title	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC
Project Number	570-21-108
Building Number	
Approved: Project Director	
	FULLY SPRINKLERED
Location	2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223
Issue Date	1-23-2026
Checked	AR
Drawn	TL
Drawing Number	AD309

VA FORM 08 - 6231

Autodesk Docs://FRE2201 - Fresno Repair Exterior Finishes, Building 1 & Outpatient/FRE2201-A - VA Fresno Exterior.rvt
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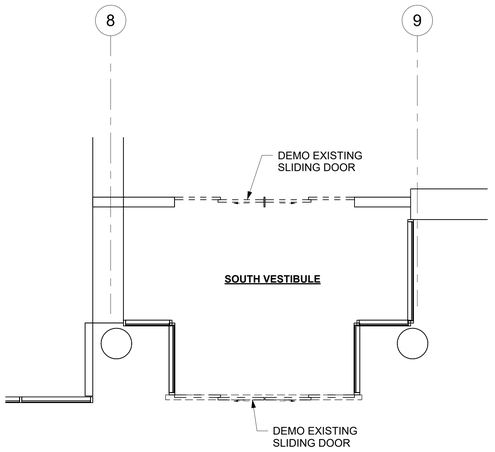
SCOPE 5.3

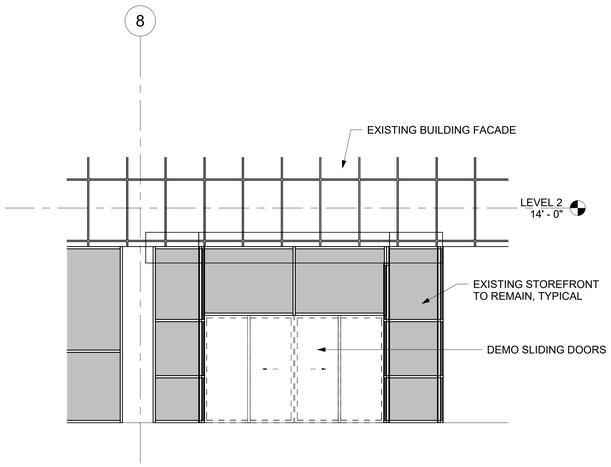
SOUTH VESTIBULE



NOTE: EXISTING STOREFRONT TO REMAIN

1 DEMO - SOUTH VESTIBULE FLOOR PLAN
SCALE: 1/4" = 1'-0"

2 / AD310



2 DEMO - SOUTH VESTIBULE - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

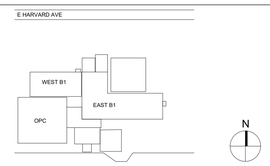
1. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE VA COR FOR PHASING OF EACH VESTIBULE CONSTRUCTION TO ENSURE FACILITY SCHEDULE AND TO MAINTAIN AT LEAST TWO OPERATIONAL VESTIBULES FOR THE BUILDING EGRESS. EACH VESTIBULE SHALL BE COMPLETED AND OPERATIONAL BEFORE THE NEXT VESTIBULE TO BE IN CONSTRUCTION. THE GC SHALL MAINTAIN CONSTRUCTION FENCE AROUND THE EXTERIOR OF THE VESITBULE FOR SAFETY AT ALL TIMES DURING CONSTRUCTION.
2. REFER TO DRAWINGS G002 FOR DESCRIPTION OF THE SCOPE OF WORK.
3. CONTRACTOR TO FIELD VERIFY ROUGH OPENINGS PRIOR TO DEMOLITION AND CONSTRUCTION OF VESTIBULES.
4. REFER TO MECHANICAL DRAWING "H" SERIES FOR AIR CURTAINS LOCATION TO BE REMOVED AND RE-INSTALLED.
5. ALL GLAZING SHALL BE LAMINATED GLAZING. SHALL BE DOUBLE PANE. EXTERIOR PANELS SHALL BE NON-LAMINATED GLASS. INTERIOR PANELS SHALL BE LAMINATED GLASS. REFER SPECS FOR BLAST RESISTANT WINDOWS. NEW GLAZING PANEL.
6. GLAZING BLAST RESISTANT RATING: LOW

SCOPE DESCRIPTION

5.0 - SCOPE 5 - REPAIR STOREFRONT NORTH, SOUTH & EAST DEMOLITION VESTIBULE BUILDING 1: (SEE AD308, AD309, AD310, A308, A309, A310& A810 SERIES). THE GENERAL CONCTRACTOR SHALL COORDINATE WITH THE VA COR FOR PHASING OF EACH VESTIBULE CONSTRUCTION TO MAINTAIN AT LEAST TWO OPERATIONAL VESTIBULES FOR THE BUILDING EGRESS.

5.3 - SOUTH ENTRANCE VESTIBULE: REPLACE EXISTING SLIDING DOORS WITH NEW AUTOMATIC INSULATED GLASS SLIDING DOOR.

KEYPLAN



Revisions:	Date:

CONSULTANT

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AARON RUMPLER LICENSED 6510 KANSAS ARCHITECT 1-23-2026

Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: DEMO-ENLARGED SOUTH VESTIBULE ROOF PLAN & ELEV	Phase: 100% NOT FOR CONSTRUCTION BID DOCUMENTS	Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	Project Number: 570-21-108
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Building Number:
		Issue Date: 1-23-2026 / Checked: AR / Drawn: TL	Drawing Number: AD310

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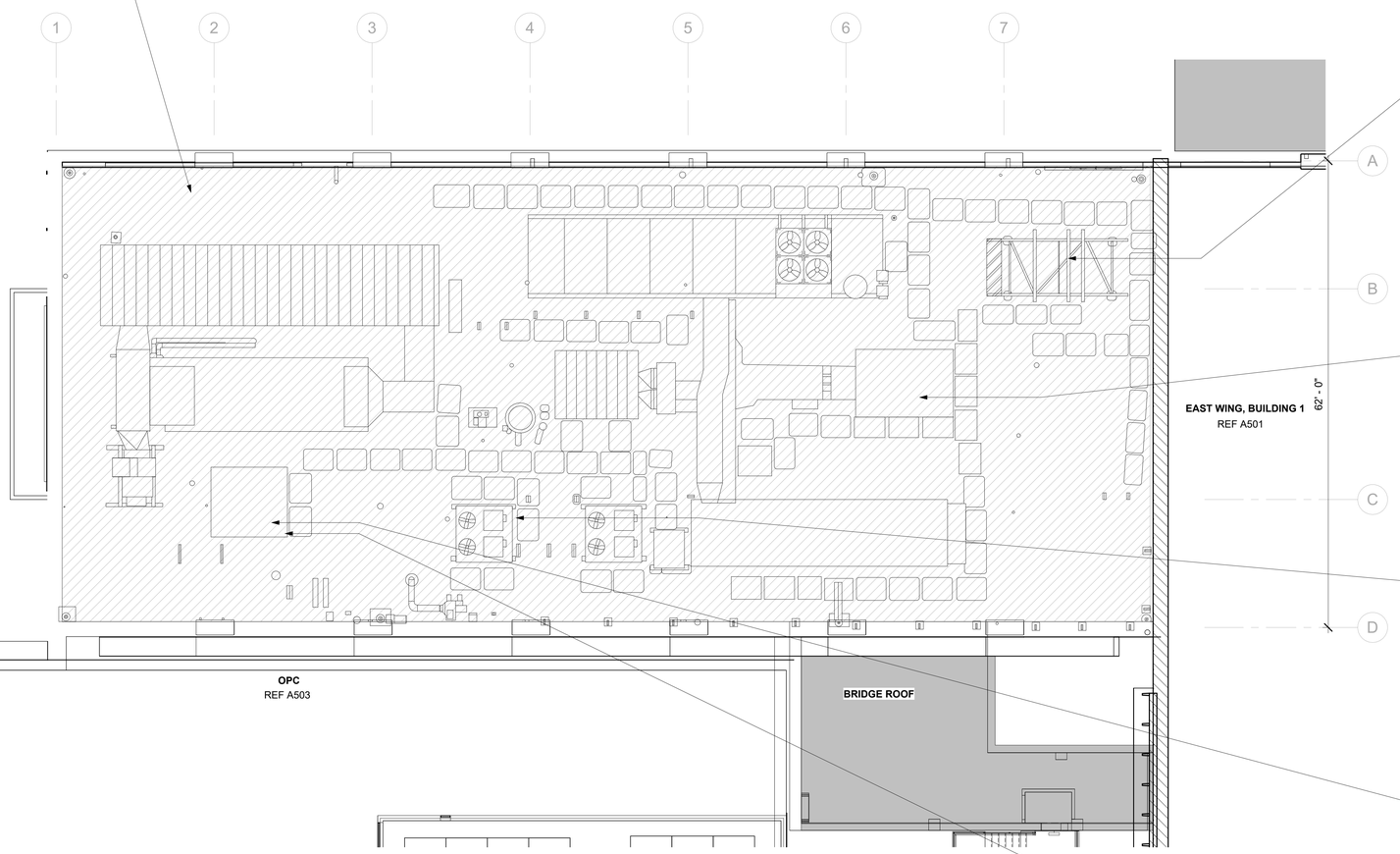
ADD ALTERNATE 2 & 3

SCOPE 7

BUILDING 1 WEST WING ROOF, BRIDGE ROOF & CHAPEL ROOF REPLACEMENT

REMOVE BALLAST BUILT-UP ROOFING, SHEATHING COVER BOARDS, AND INSULATION WALK-WAY PADS, DOWN TO CONCRETE DECK



PIPE RACK WITH AHU IN BACKGROUND

CURB CONDITION AT AHU

TYP. CURB CONDITION AT ROOFTOP CHILLER

ROOFTOP EQUIPMENT ROOM

CURB CONDITION AT EQUIPMENT ROOM

1 ROOF - B1 WEST DEMO
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. PROTECT IN-PLACE ROOFTOP EQUIPMENT DURING CONSTRUCTION.

LEGEND

- ROOF PIPE SUPPORT BLOCKS
- ROOF ANCHOR POINTS
- MUSHROOM EXHAUST FAN
- ROOF VENT CAP
- ROOF STORM DRAIN
- ROOF CAMERA
- ROOF WALKWAY PAD
- MECHANICAL FAN UNIT
- ROOF FAN COOLING UNIT
- UTILITY EXHAUST
- AREA OF WORK. REFER TO SCOPE 7 ON G002

SCOPE DESCRIPTION

7.0 - SCOPE 7 - BUILDING 1 WEST WING ROOF, BRIDGE ROOF & CHAPEL ROOF REPLACEMENT: (SEE A820 SERIES)

7.1 - REPLACE EXISTING ROOFING MATERIAL, ACCESSORIES WITH NEW SINGLE PLY ROOFING SYSTEM AND NEW ACCESSORIES

DEMOLITION: FOR THIS SCOPE OF WORK DEMOLITION INCLUDES THE REMOVAL OF ALL BALLAST, BUILT-UP ROOFING MEMBRANE, WALK-WAY PADS, SHEATHING/COVER BOARDS, AND INSULATION DOWN TO CONCRETE ROOF DECK, AND REMOVE FLASHINGS AROUND PIPE AND DUCT PENETRATIONS. CUT BACK ROOFING AT PARAPETS VERTICALLY UP TO 30 INCHES ABOVE FINISHED ROOF SURFACE. PROTECT THROUGH-WALL FLASHING. AT AIR HANDLERS, EXPOSED MECHANICAL EQUIPMENT, FANS AND EQUIPMENT ROOMS LIFT EXISTING FLASHING TO ALLOW FOR NEW ROOFING MEMBRANE AND FLASHING TO BE INSTALLED UP TO THE TOP OF THE CURB AROUND AIR HANDLERS AND EQUIPMENT ROOMS. REMOVAL SHALL BE DONE IN SECTIONS, COORDINATED WITH INSTALLATION OF NEW REPLACEMENT ROOF SO THAT ONLY A LIMITED PORTION OF THE ROOF IS EXPOSED AT ONE TIME. PROVIDE PROTECTION FOR INCLEMENT WEATHER OF EXPOSED AREAS DURING REROOFING. DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS. PROVIDE FOR APPROPRIATE LEVEL OF INFECTION CONTROL DURING ALL PHASES OF CONSTRUCTION. EXISTING DUNNAGE MAY BE LIFTED AND REMOVED IF NO LONGER REQUIRED BY VA AFTER VERIFICATION WITH VA.

NEW WORK: NEW WORK INCLUDES INSTALLATION OF COMPLETE NEW ROOFING FULLY-ADHERED SINGLE-PLY SYSTEM INCLUDING VAPOR BARRIER ON CONCRETE SUBSTRATE, TAPERED ROOF INSULATION, SHEATHING, SINGLE-PLY (MINIMUM 60 MIL THICK) MEMBRANE, WALK-WAY PADS, STAINLESS STEEL FLASHINGS, PREFORMED FLASHINGS FOR PIPE AND DUNNAGE SUPPORT PENETRATIONS, PIPE SUPPORTS, ETC. AT THE PARAPET PROVIDE NEW STAINLESS STEEL FLASHING AND COUNTER FLASHING AT NEW CUT-IN REGLET AROUND ENTIRE PARAPET TO RECEIVE NEW ROOFING MEMBRANE FLASHING. MAINTAIN OPERATION OF ALL MECHANICAL EQUIPMENT, VENTS, AND DEVICES ON ROOF DURING REROOFING.

AT THE SMALL AIR HANDLING UNIT, IDENTIFIED IN THE DRAWINGS, PROVIDE A NEW GALVANIZED SHEET METAL COVER OVER THE TOP OF THE ENTIRE UNIT. EDGES SHALL BE EXTENDED DOWN OVER THE FACE OF THE UNIT AND ALL SEAMS SHALL BE LAPPED AND SEALED. FASTEN COVER TO UNIT TO TOP OF UNIT OR STRAP DOWN TO PREVENT UPLIFT OF COVER. ALL FASTENERS SHALL BE STAINLESS STEEL.

7.2 - REPLACE EXISTING ROOFING MATERIAL, ACCESSORIES WITH NEW SINGLE PLY ROOFING SYSTEM AND NEW ACCESSORIES AT CHAPEL ROOF

DEMOLITION: FOR THIS SCOPE OF WORK INCLUDES THE REMOVAL OF ALL BALLAST, BUILT-UP ROOFING MEMBRANE, WALK-WAY PADS, SHEATHING/COVER BOARDS, AND INSULATION DOWN TO CONCRETE ROOF DECK, AND REMOVE FLASHINGS AROUND PIPE AND DUCT PENETRATIONS. REMOVE SECTIONS OF ALUMINUM COPING TO ENABLE INSTALLATION OF NEW ROOFING MEMBRANE. SALVAGE UNDAMAGED COPING SECTIONS FOR REINSTALLATION. AT AIR HANDLERS, EXPOSED MECHANICAL EQUIPMENT AND FANS, LIFT EXISTING FLASHING TO ALLOW FOR NEW ROOFING MEMBRANE AND FLASHING TO BE INSTALLED UP TO THE TOP OF THE CURB AROUND AIR HANDLERS, EXPOSED MECHANICAL EQUIPMENT AND FANS. REMOVAL SHALL BE DONE IN SECTIONS, COORDINATED WITH INSTALLATION OF NEW REPLACEMENT ROOF SO THAT ONLY A LIMITED PORTION OF THE ROOF IS EXPOSED AT ONE TIME. PROVIDE PROTECTION FOR INCLEMENT WEATHER OF EXPOSED AREAS DURING REROOFING. DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS. PROVIDE FOR APPROPRIATE LEVEL OF INFECTION CONTROL DURING ALL PHASES OF CONSTRUCTION.

NEW WORK: SHALL INCLUDE INSTALLATION OF COMPLETE NEW FULLY ADHERED SINGLE-PLY ROOFING SYSTEM INCLUDING VAPOR BARRIER ON CONCRETE SUBSTRATE, TAPERED ROOF INSULATION, SHEATHING, SINGLE-PLY (MINIMUM 60 MIL THICK) MEMBRANE, WALK-WAY PADS, STAINLESS STEEL FLASHINGS, PREFORMED FLASHINGS FOR PIPE AND DUNNAGE SUPPORT PENETRATIONS, PIPE SUPPORTS, AND DUCT SUPPORTS.

7.2.1 EXPANSION JOINT BETWEEN CHAPEL ROOF AND OPC: REMOVE EXISTING EXPANSION JOINT COVER AND SEALANTS USED TO INSTALL THE EXPANSION JOINT COVER. REPLACE WITH NEW EXPANSION JOINT COVER FORMED FROM 16 GA (MIN. THICKNESS) 304 STAINLESS STEEL SHEET. FORM COVER JOINT TO ACHIEVE THE REQUIRED SEISMIC MOVEMENTS AND WITH PROPER SLOPE OF MINIMUM 5% AWAY FROM THE OPC TO THE CHAPEL ROOF. INSTALL NEW EXPANSION JOINT COVER, ENSURING PROPER SEALED OVERLAP OF SECTIONS AND SEAL COVER JOINT TO SUBSTRATES WITH COUNTER FLASHINGS AND PROPER EMBEDMENT IN COMPATIBLE SEALANT.

KEYPLAN

Revisions:	Date:

CONSULTANT

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Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
ROOF - B1 EAST DEMO PLAN	100% NOT FOR CONSTRUCTION BID DOCUMENTS	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	570-21-108
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Building Number
		Issue Date: 1-23-2026 / Checked: AR / Drawn: TL	Drawing Number: AD502

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ADD ALTERNATE 1

SCOPE 6

OPC BALLAST ROOF DEMOLITION

ADD ALTERNATE 2 & 3

SCOPE 7

BUILDING 1 WEST WING ROOF, BRIDGE ROOF & CHAPEL ROOF REPLACEMENT

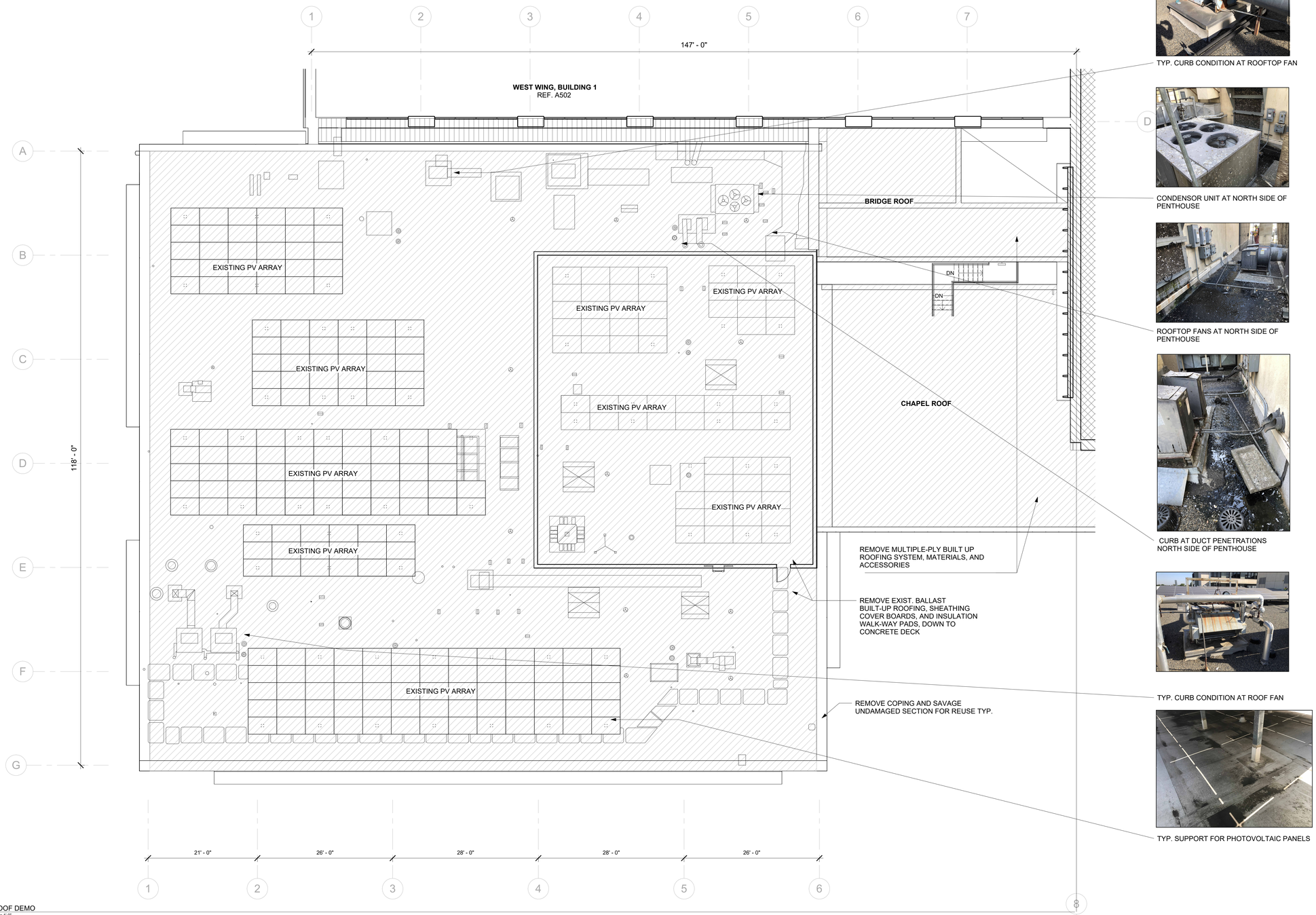
SCOPE DESCRIPTION

6.0 - SCOPE 6 - OPC BALLAST ROOF REPLACEMENT: (SEE A820 SERIES)

DEMOLITION: FOR THIS SCOPE OF WORK INCLUDES THE REMOVAL OF ALL BALLAST, BUILT-UP ROOFING MEMBRANE, WALK-WAY PADS, SHEATHING/COVER BOARDS, AND INSULATION DOWN TO CONCRETE ROOF DECK, AND REMOVE FLASHINGS AROUND PIPE AND DUCT PENETRATIONS. REMOVE SECTIONS OF ALUMINUM COPING TO ENABLE INSTALLATION OF NEW ROOFING MEMBRANE. SALVAGE UNDAMAGED COPING SECTIONS FOR REINSTALLATION. AT AIR HANDLERS, EXPOSED MECHANICAL EQUIPMENT AND FANS, LIFT EXISTING FLASHING TO ALLOW FOR NEW ROOFING MEMBRANE AND FLASHING TO BE INSTALLED UP TO THE TOP OF THE CURB AROUND AIR HANDLERS, EXPOSED MECHANICAL EQUIPMENT AND FANS. REMOVAL SHALL BE DONE IN SECTIONS, COORDINATED WITH INSTALLATION OF NEW REPLACEMENT ROOF SO THAT ONLY A LIMITED PORTION OF THE ROOF IS EXPOSED AT ONE TIME. PROVIDE PROTECTION FOR INCLEMENT WEATHER OF EXPOSED AREAS DURING REROOFING. REMOVE BIRD PROTECTION TO AREA NORTH OF THE EXISTING PENTHOUSE. THOROUGHLY CLEAN PARAPETS, PENTHOUSE WALLS, EQUIPMENT, AND EXPOSED DUCT WORK ON THE NORTH SIDE OF THE PENTHOUSE, TO REMOVE BIRD EXCREMENT AND SANITIZE AREA AND AIR INTAKES. DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS. PROVIDE FOR APPROPRIATE LEVEL OF INFECTION CONTROL DURING ALL PHASES OF CONSTRUCTION.

NEW WORK: SHALL INCLUDE INSTALLATION OF COMPLETE NEW FULLY ADHERED SINGLE-PLY ROOFING SYSTEM INCLUDING VAPOR BARRIER ON CONCRETE SUBSTRATE, TAPERED ROOF INSULATION, SHEATHING, SINGLE-PLY (MINIMUM 60 MIL THICK) MEMBRANE, WALK-WAY PADS, STAINLESS STEEL FLASHINGS, PREFORMED FLASHINGS FOR PIPE AND DUNNAGE SUPPORT PENETRATIONS, PIPE SUPPORTS, AND DUCT SUPPORTS.

INSTALL NEW BIRD PROTECTION DEVICES AND SCREENS WITH ACCESS DOOR TO AREA IDENTIFIED AROUND EQUIPMENT AND DUCTS ON THE NORTH SIDE OF THE PENTHOUSE. AT THE PARAPET PROVIDE NEW ALUMINUM COPING, FORMED AND PAINTED TO MATCH EXISTING, WHERE REMOVAL OF EXISTING COPING IS NOT SALVAGEABLE. MAINTAIN OPERATION OF ALL MECHANICAL EQUIPMENT, VENTS, AND DEVICES ON ROOF DURING REROOFING.



OPC ROOF DEMO
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. PROTECT IN-PLACE ROOFTOP EQUIPMENT DURING CONSTRUCTION.

LEGEND

- ROOF PIPE SUPPORT BLOCKS
- ROOF ANCHOR POINTS
- MUSHROOM EXHAUST FAN
- ROOF VENT CAP
- ROOF STORM DRAIN
- ROOF CAMERA
- ROOF WALKWAY PAD
- MECHANICAL FAN UNIT
- ROOF FAN COOLING UNIT
- UTILITY EXHAUST
- AREA OF WORK. REFER TO SCOPE 7 ON G002

SCOPE DESCRIPTION

7.0 - SCOPE 7 - BUILDING 1 WEST WING ROOF, BRIDGE ROOF & CHAPEL ROOF REPLACEMENT: (SEE A820 SERIES)

7.1 - REPLACE EXISTING ROOFING MATERIAL, ACCESSORIES WITH NEW SINGLE PLY ROOFING SYSTEM AND NEW ACCESSORIES

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7.2 - REPLACE EXISTING ROOFING MATERIAL, ACCESSORIES WITH NEW SINGLE PLY ROOFING SYSTEM AND NEW ACCESSORIES AT CHAPEL ROOF

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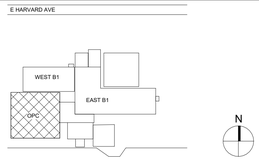
KEYPLAN



Revisions:	Date:

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STAMP

AARON RUMPLER LICENSED 6510 KANSAS ARCHITECT 2026

Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	OPC ROOF DEMO PLAN
Phase	100% NOT FOR CONSTRUCTION BID DOCUMENTS
Project Title	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC
Project Number	570-21-108
Building Number	
Approved: Project Director	
	FULLY SPRINKLERED
Location	2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223
Issue Date	1-23-2026
Checked	AR
Drawn	TL
Drawing Number	AD503

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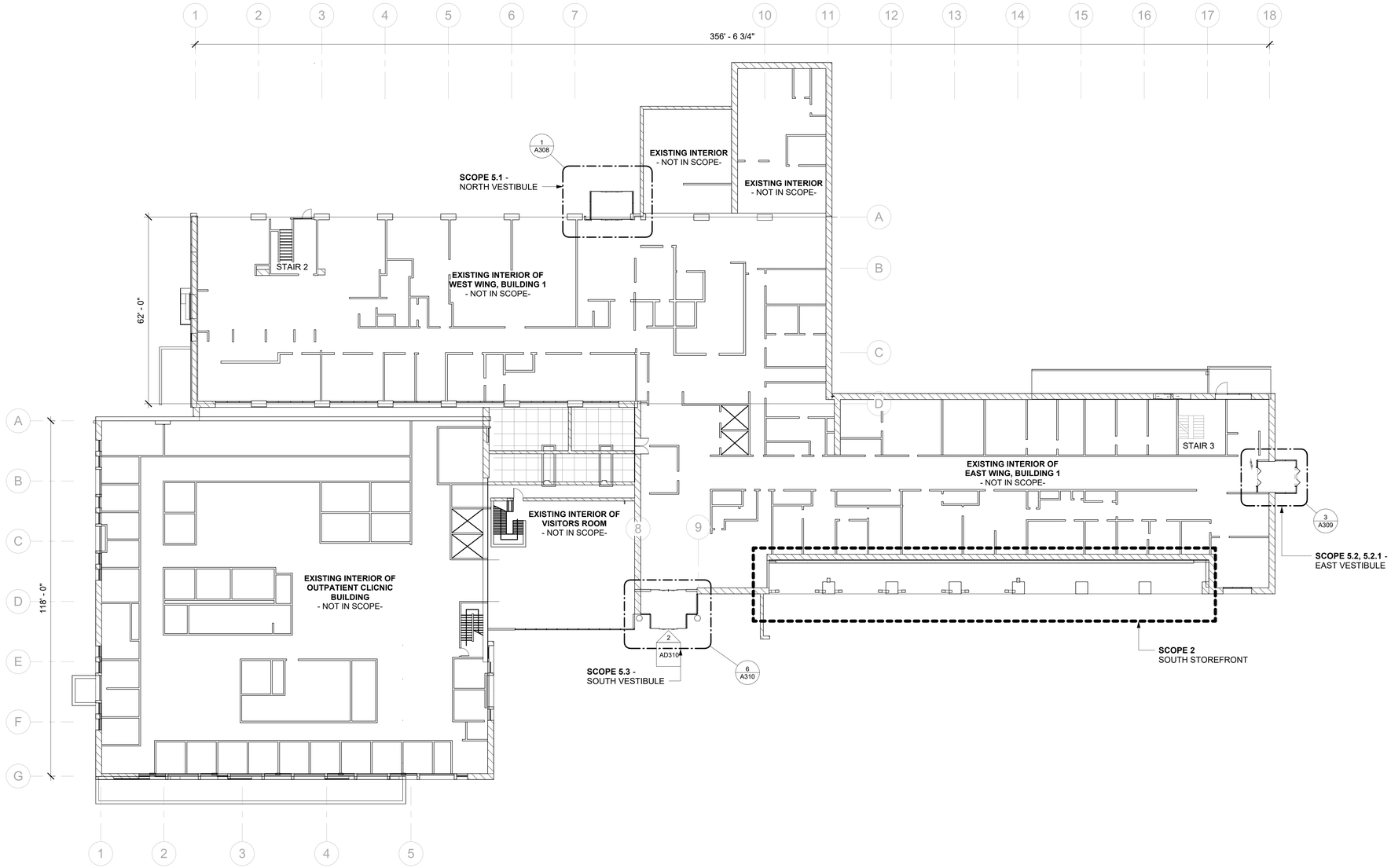
SCOPE 2
BUILDING 1, OPC, OPC2 GLAZING

SCOPE 5
REPAIR STOREFRONT NORTH, SOUTH & EAST DEMOLITION VESTIBULE BUILDING 1



1 LEVEL 1
SCALE: 1/16" = 1'-0"

SCOPE DESCRIPTION

2. 0 - SCOPE 2 - BUILDING 1, OPC, OPC2 GLAZING: (SEE A810 SERIES)

2.1.1 REPLACE SINGLE-GLAZED WINDOWS AND STOREFRONT WITH DOUBLE GLAZING:

DEMOLITION: THIS SCOPE OF DEMOLITION WORK INCLUDES THE FOLLOWING: REMOVAL OF THE GLAZING UNITS, FRAMING STOPS IN THE STOREFRONT, AND WINDOW FRAMING. CLEAN AWAY ANY SEALANT AND GASKET MATERIAL FROM THE ALUMINUM FRAMES. REMOVE INTERIOR BLINDS. DISPOSE ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS.

TEMPORARY PROTECTION AND MEASURES: PROVIDE FOR PHASED CONSTRUCTION AND OUT OF HOURS WORK TO LIMIT DISRUPTION FOR THE MEDICAL CENTER 'S OPERATIONS. PROVIDE TEMPORARY PROTECTION TO MAINTAIN INTERIOR ENVIRONMENT AND INFECTION CONTROL (ICRA) AS WELL AS INSECT CONTROL, DURING CONSTRUCTION.

NEW WORK: REPLACE OR MODIFY EXISTING STOREFRONT AND WINDOW FRAMING TO ALLOW THE FRAMING TO RECEIVE THE NEW INSULATED GLAZING UNITS. REINFORCE ANCHORAGE IF REQUIRED TO ACCOMMODATE THE ADDITIONAL WEIGHT OF THE NEW GLAZING UNITS. FINISH OF THE ALUMINUM FRAMING SHALL MATCH THE EXISTING FRAMING.

- FOR THE ARCADE STOREFRONT FENESTRATION OF BUILDING 1, NEW OR REFURBISHED FRAMING MEMBERS SHALL RECEIVE A POWDERED-COATED FINISH OR CLEAR ANODIZED FINISH.
- FOR THE OPC WINDOW FRAMES, A BRONZE ANODIZED FINISH OR POWDERED COATED FINISH SHALL BE USED.
- GLAZING UNITS FOR THE BUILDING 1 WILL BE CLEAR HIGH-PERFORMANCE INSULATED UNITS. THE NEW OPC INSULATED WINDOW GLAZING UNITS SHALL BE FABRICATED WITH A BRONZE TINTED OUTER LITE AND A CLEAR INNER LITE TO MATCH THE EXISTING GLAZING ON THE UPPER FLOORS OF THE OPC. PROVIDE BLAST FILM TO ALL NEW UNITS.
- IN BUILDING 1, THE LOWER GLAZING UNIT OF THE ARCADE STOREFRONT, THE BLAST FILM WILL HAVE A WHITE TRANSLUCENT TINT.
- PROVIDE FOR EITHER HORIZONTAL OR VERTICAL BLINDS AT ALL GLAZING OPENINGS TO MATCH EXISTING BLINDS.

2.1.2 - REPLACE EXISTING DOUBLE GLAZED WINDOWS: REPLACE WINDOWS WITH INTEGRAL BLINDS WITH NEW INSULATED GLAZING UNITS AND BLINDS TO MATCH EXISTING

5.0 - SCOPE 5 - REPAIR STOREFRONT NORTH, SOUTH & EAST DEMOLITION VESTIBULE BUILDING 1: (SEE AD308, AD309, AD310, A308, A309, A310& A810 SERIES). THE GENERAL CONCTRACTOR SHALL COORDINATE WITH THE VA COR FOR PHASING OF EACH VESTIBULE CONSTRUCTION TO MAINTAIN AT LEAST TWO OPERATIONAL VESTIBULES FOR THE BUILDING EGRESS.

5.1 - NORTH VESTIBULE: DEMOLITION: FOR THIS SCOPE OF WORK DEMOLITION INCLUDES THE FOLLOWING: REMOVE ATTACHED AIR CURTAIN, SECURITY DEVICES; DOOR DEVICES FROM THE EXISTING EXTERIOR ENCLOSURE, REMOVE EXISTING OUTER SLIDING DOOR; PARTIALLY DEMOLISH THE EXISTING CEILING AROUND EXTERIOR PERIMETER TO ALLOW FOR THE INSTALLATION OF NEW EXTERIOR ENCLOSURE; REMOVE EXTERIOR GLAZING UNITS. REMOVE PORTIONS OF THE CANOPY METAL ROOF DOWN TO STRUCTURAL MEMBERS. SALVAGE AIR CURTAINS AND SECURITY DEVICES FOR REUSE. DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS.

TEMPORARY PROTECTION AND MEASURES: MAINTAIN INTERIOR WALLS AND INTERIOR SLIDING GLASS DOORS OF THE VESTIBULE. PROVIDE FOR PHASED CONSTRUCTION OF ENTRANCE VESTIBULE TO ALWAYS MAINTAIN SAFE EGRESS PATHS FROM THE BUILDING. PROVIDE TEMPORARY ENCLOSURES FOR THE EGRESS PATHS, INFECTION CONTROL (ICRA), INSECT CONTROLS, LIGHTING, AND SIGNAGE DURING CONSTRUCTION. MAINTAIN ALL FIRE PROTECTION AND FIRE ALARM DEVICES.

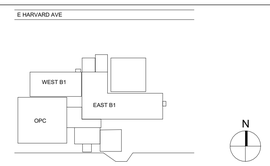
NEW WORK: REPLACE OR MODIFY EXISTING FRAMING BY INSTALLING PARTIAL MULLIONS, GLAZING STOPS OR REPLACEMENT OF EXISTING ALUMINUM FRAMES TO RECEIVE NEW INSULATED GLAZING UNITS. NEW ALUMINUM FRAMING SHALL HAVE A CLEAR ANODIZED FINISH. FOR VISION AREAS OF GLAZING, PROVIDE CLEAR HIGH-PERFORMANCE TEMPERED INSULATED GLAZING UNITS. PROVIDE OPACIFIED FRITTED GLASS SPANDREL UNITS AT NON-VISION AREAS. INSTALL INSULATION BEHIND SPANDREL GLASS. REBUILD/REPAIR PERIMETER GYPSUM WALLBOARD SOFFIT AND INSTALL NEW ACOUSTICAL CEILING IN VESTIBULE CEILING. PROVIDE NEW AUTOMATIC INSULATED-GLASS SLIDING DOORS, WITH MOTION DETECTION SENSOR. REINSTALL SECURITY DEVICES AND AIR CURTAIN.

5.2 - EAST VESTIBULE: FOLLOW SCOPE OF WORK OUTLINED ABOVE FOR NORTH VESTIBULE, EXCEPT TO REPLACE EXISTING BI-FOLDING DOORS WITH NEW INSULATED GLAZING AUTOMATIC GLASS.

5.2.1 - REPAIR FLASHING BETWEEN CANOPY AND VESTIBULE ROOF: REMOVE EXISTING FLASHING, SALVAGING EXISTING SECTIONS TO RESET. REPLACE ANY SECTION CURRENTLY DAMAGED OR DAMAGED DURING REMOVAL WITH NEW METAL SECTIONS. RESET FLASHING (EXPANSION JOINT COVER), ENSURING PROPER SEALED OVERLAP OF SECTIONS AND SEAL FLASHING TO SUBSTRATES WITH PROPER EMBEDMENT IN COMPATIBLE SEALANT.

5.3 - SOUTH ENTRANCE VESTIBULE: REPLACE EXISTING SLIDING DOOR WITH NEW AUTOMATIC INSULATED GLASS SLIDING DOOR.

KEYPLAN



Revisions:	Date:
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Office of Construction & Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: LEVEL 1 FLOOR PLAN
Approved: Project Director
Phase: 100% NOT FOR CONSTRUCTION BID DOCUMENTS
FULLY SPRINKLERED
Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC
Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223
Issue Date: 1-23-2026
Checked: AR
Drawn: TL
Project Number: 570-21-108
Building Number:
Drawing Number: A100

VA FORM 08 - 6231

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SCOPE 3
ROOF REPAIR LOWER ROOF OF OPC & WEST WING BUILDING 1

SCOPE 4
STAIR ACCESS FROM OPC TO BUILDING 1 CHAPEL ROOF

SCOPE 5
REPAIR STOREFRONT NORTH, SOUTH & EAST DEMOLITION VESTIBULE BUILDING 1

ADD ALTERNATE 1
SCOPE 6
OPC BALLAST ROOF DEMOLITION

ADD ALTERNATE 2
SCOPE 7
BUILDING 1 WEST WING ROOF, BRIDGE ROOF & CHAPEL ROOF REPLACEMENT

SCOPE DESCRIPTION

3.0 - SCOPE 3 - ROOF REPAIR OF LOWER ROOF OF OPC & WEST WING BUILDING 1: (SEE A820 SERIES)

SCOPE OF WORK: INCLUDES CLEANING OF ROOF WHERE LEAKS ARE OCCURRING, AND THE REMOVAL OF DEBRIS AND ABANDONED EQUIPMENT. CLEAN ROOF, REMOVING ANY ORGANIC MATERIALS FROM ROOF SURFACE. EXAMINE THE DECK FROM FLOOR BELOW TO DETERMINE THE EXTENT OF LEAKAGE THAT IS OCCURRING AND OBSERVING WHERE THE LEAKAGE EMANATES FROM. REMOVE ROOFING MEMBRANE DOWN TO INSULATION AND FLASHINGS IN THE AREA OF THE ROOF FAILURE. REMOVE COVER BOARD AND INSULATION THAT HAS INCURRED MOISTURE DAMAGE. REMOVE ANY ROOFING MATERIALS THAT EXHIBIT MOLD GROWTH. REPLACE ROOF INSULATION, MAINTAINING PROPER SLOPES TO DRAINS, COVER BOARDS, AND CUT-IN NEW ROOFING MEMBRANE PER MANUFACTURER 'S REPAIR DETAILS FOR EXISTING MEMBRANE. RESET ROOF DRAINS IN THE AREA OF THE LEAKAGE, WITH MEMBRANE CLAMPED INTO DRAIN. SECURE DRAIN DOME OR REPLACE DOME IF MISSING. REPLACE FLASHING USING ROOFING MANUFACTURER'S APPROVED MATERIALS. RESEAL AROUND FLASHINGS, ROOFTOP EQUIPMENT, ETC. TO ENSURE AREAS VULNERABLE TO WATER INFILTRATION HAVE BEEN REPAIRED. FLOOD TEST FINISHED WORK TO PROVE EFFICACY OF REPAIR.

TEMPORARY PROTECTION AND MEASURES: REMOVAL SHALL BE DONE IN SECTIONS, COORDINATED WITH INSTALLATION OF NEW REPLACEMENT ROOF SO THAT ONLY A LIMITED PORTION OF THE ROOF IS EXPOSED AT ANY ONE TIME. PROVIDE APPROPRIATE LEVEL OF INFECTION CONTROL (ICRA) DURING CONSTRUCTION.

4.0 - SCOPE 4 - STAIR ACCESS FROM OPC TO BUILDING 1 CHAPEL ROOF: (SEE A400 SERIES & S2.3)

DEMOLITION: THIS SCOPE OF DEMOLITION WORK INCLUDES CUTTING THROUGH THE EXTERIOR WALL OF THE SECOND FLOOR CORRIDOR C-503-14 OF THE LINK BETWEEN OPC AND BUILDING 1, ALONG GRIDLINE B1 BETWEEN GRIDLINES 7 AND 8, FOR AN ACCESS DOOR OPENING AND FOR PLATFORM FRAMING AT COLUMNS B1/7 AND B1/8.

NEW WORK: NEW WORK INCLUDES INSTALLATION OF NEW INSULATED HOLLOW METAL DOOR AND FRAME INTO CORRIDOR C-502-13 EXTERIOR WALL AND WELDING OF HSS GALVANIZED STEEL PLATFORM FRAMING MEMBERS TO BUILDING FRAME AT COLUMNS B1/7 AND B1/8. REPAIR/PATCH EXTERIOR FINISHES AROUND STEEL FRAMING MEMBERS AND DOOR OPENING TO MATCH EXISTING. INSTALL PLATFORM FRAMING FOR ACCESS STAIR OVER THE PARAPET OF THE CHAPEL ROOF. ALL FRAMING WILL BE WELDED HSS OR WIDE-FLANGE MEMBERS, GALVANIZED. THE PLATFORM FLOOR, STAIR TREADS AND STAIR LANDING WILL BE MADE FROM NON-SLIP REINFORCED FIBERGLASS GRATING. STAIR STRINGERS, TOE KICKS WILL BE GALVANIZED PLATE STEEL AND HANDRAIL WILL BE GALVANIZED STEEL PIPE. ACCESS DOOR AND FRAME WILL BE PAINTED TO MATCH EXISTING STUCCO FINISHES.

TEMPORARY PROTECTION AND MEASURES: PROVIDE INFECTION CONTROL BARRIERS (ICRA) AND INSECT CONTROL DEVICES DURING CONSTRUCTION OF ACCESS DOOR IN THE EXTERIOR WALL AND THE EXTERIOR PLATFORMS AND STAIRS.

5.0 - SCOPE 5 - REPAIR STOREFRONT NORTH, SOUTH & EAST DEMOLITION VESTIBULE BUILDING 1: (SEE AD308, AD309, AD310, A308, A309, A310& A810 SERIES). THE GENERAL CONCTRACTOR SHALL COORDINATE WITH THE VA COR FOR PHASING OF EACH VESTIBULE CONSTRUCTION TO MAINTAIN AT LEAST TWO OPERATIONAL VESTIBULES FOR THE BUILDING EGRESS.

5.1 - NORTH VESTIBULE: DEMOLITION: FOR THIS SCOPE OF WORK DEMOLITION INCLUDES THE FOLLOWING: REMOVE ATTACHED AIR CURTAIN, SECURITY DEVICES; DOOR DEVICES FROM THE EXISTING EXTERIOR ENCLOSURE, REMOVE EXISTING OUTER SLIDING DOOR; PARTIALLY DEMOLISH THE EXISTING CEILING AROUND EXTERIOR PERIMETER TO ALLOW FOR THE INSTALLATION OF NEW EXTERIOR ENCLOSURE; REMOVE EXTERIOR GLAZING UNITS. REMOVE PORTIONS OF THE CANOPY METAL ROOF DOWN TO STRUCTURAL MEMBERS. SALVAGE AIR CURTAINS AND SECURITY DEVICES FOR REUSE. DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS.

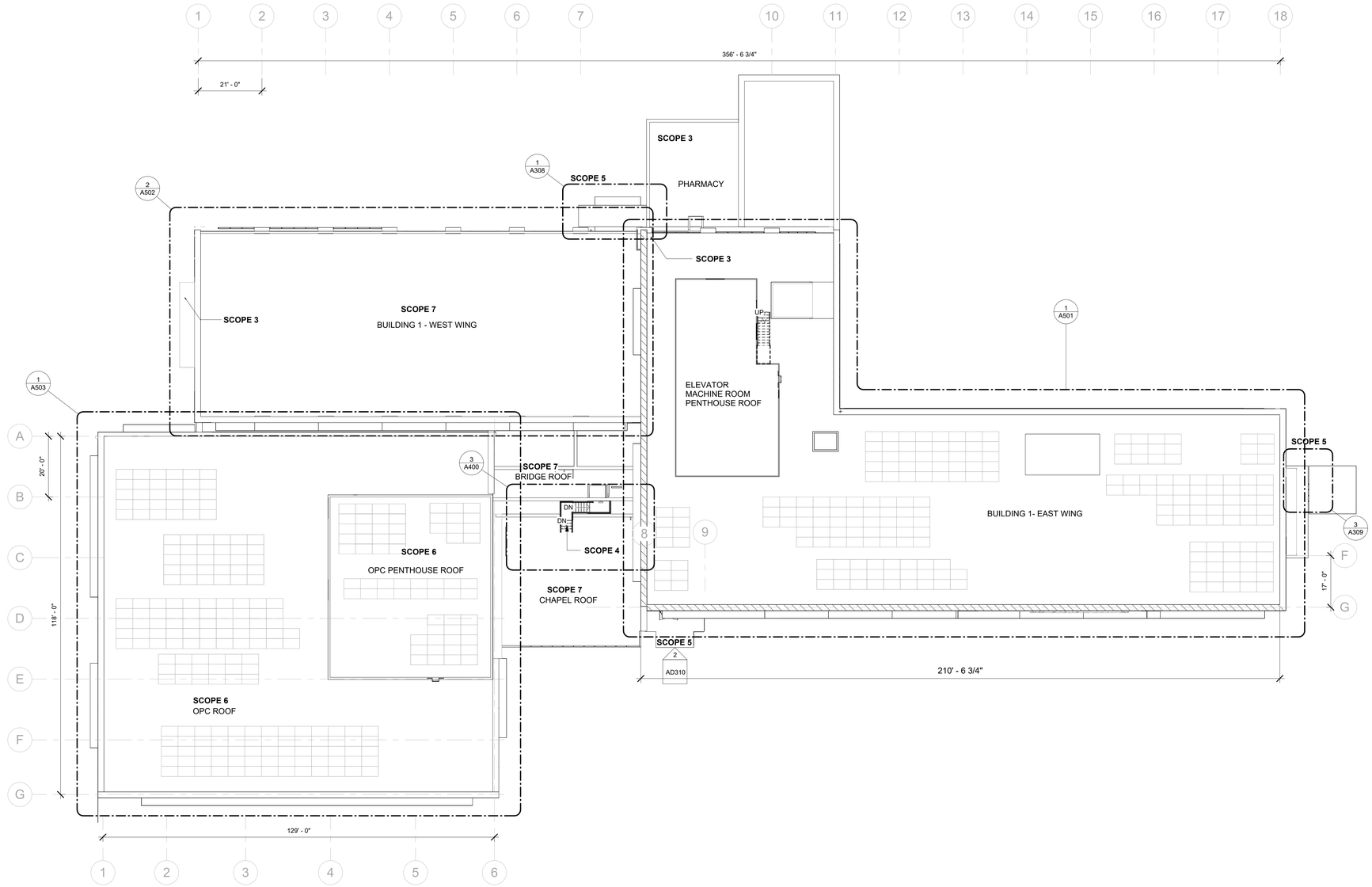
TEMPORARY PROTECTION AND MEASURES: MAINTAIN INTERIOR WALLS AND INTERIOR SLIDING GLASS DOORS OF THE VESTIBULE. PROVIDE FOR PHASED CONSTRUCTION OF ENTRANCE VESTIBULE TO ALWAYS MAINTAIN SAFE EGRESS PATHS FROM THE BUILDING. PROVIDE TEMPORARY ENCLOSURES FOR THE EGRESS PATHS, INFECTION CONTROL (ICRA), INSECT CONTROLS, LIGHTING, AND SIGNAGE DURING CONSTRUCTION. MAINTAIN ALL FIRE PROTECTION AND FIRE ALARM DEVICES.

NEW WORK: REPLACE OR MODIFY EXISTING FRAMING BY INSTALLING PARTIAL MULLIONS, GLAZING STOPS OR REPLACEMENT OF EXISTING ALUMINUM FRAMES TO RECEIVE NEW INSULATED GLAZING UNITS. NEW ALUMINUM FRAMING SHALL HAVE A CLEAR ANODIZED FINISH. FOR VISION AREAS OF GLAZING, PROVIDE CLEAR HIGH-PERFORMANCE INSULATED GLAZING UNITS. PROVIDE OPACIFIED FRITTED GLASS SPANDREL UNITS AT NON-VISION AREAS. INSTALL INSULATION BEHIND SPANDREL GLASS. REBUILD/REPAIR PERIMETER GYPSUM WALLBOARD SOFFIT AND INSTALL NEW ACOUSTICAL CEILING IN VESTIBULE CEILING. PROVIDE NEW AUTOMATIC INSULATED-GLASS SLIDING DOORS, WITH MOTION DETECTION SENSOR. REINSTALL SECURITY DEVICES AND AIR CURTAIN.

5.2 - EAST VESTIBULE: FOLLOW SCOPE OF WORK OUTLINED ABOVE FOR NORTH VESTIBULE, EXCEPT TO REPLACE EXISTING BI-FOLDING DOORS WITH NEW INSULATED GLAZING AUTOMATIC GLASS.

5.2.1 - REPAIR FLASHING BETWEEN CANOPY AND VESTIBULE ROOF: REMOVE EXISTING FLASHING, SALVAGING EXISTING SECTIONS TO RESET. REPLACE ANY SECTION CURRENTLY DAMAGED OR DAMAGED DURING REMOVAL WITH NEW METAL SECTIONS. RESET FLASHING (EXPANSION JOINT COVER), ENSURING PROPER SEALED OVERLAP OF SECTIONS AND SEAL FLASHING TO SUBSTRATES WITH PROPER EMBEDMENT IN COMPATIBLE SEALANT.

5.3 - SOUTH ENTRANCE VESTIBULE: REPLACE EXISTING SLIDING DOOR WITH NEW AUTOMATIC INSULATED GLASS SLIDING DOOR.



1 ROOF - OVERALL
SCALE: 1/16" = 1'-0"

6.0 - SCOPE 6 - OPC BALLAST ROOF REPLACEMENT: (SEE A820 SERIES)

DEMOLITION: FOR THIS SCOPE OF WORK INCLUDES THE REMOVAL OF ALL BALLAST, BUILT-UP ROOFING MEMBRANE, WALK-WAY PADS, SHEATHING/COVER BOARDS, AND INSULATION DOWN TO CONCRETE ROOF DECK, AND REMOVE FLASHINGS AROUND PIPE AND DUCT PENETRATIONS. REMOVE SECTIONS OF ALUMINUM COPING TO ENABLE INSTALLATION OF NEW ROOFING MEMBRANE. SALVAGE UNDAMAGED COPING SECTIONS FOR REINSTALLATION. AT AIR HANDLERS, EXPOSED MECHANICAL EQUIPMENT AND FANS, LIFT EXISTING FLASHING TO ALLOW FOR NEW ROOFING MEMBRANE AND FLASHING TO BE INSTALLED UP TO THE TOP OF THE CURB AROUND AIR HANDLERS, EXPOSED MECHANICAL EQUIPMENT AND FANS. REMOVAL SHALL BE DONE IN SECTIONS, COORDINATED WITH INSTALLATION OF NEW REPLACEMENT ROOF SO THAT ONLY A LIMITED PORTION OF THE ROOF IS EXPOSED AT ONE TIME. PROVIDE PROTECTION FOR INCLEMENT WEATHER OF EXPOSED AREAS DURING REROOFING. REMOVE BIRD PROTECTION TO AREA NORTH OF THE EXISTING PENTHOUSE. THOROUGHLY CLEAN PARAPETS, PENTHOUSE WALLS, EQUIPMENT, AND EXPOSED DUCT WORK ON THE NORTH SIDE OF THE PENTHOUSE, TO REMOVE BIRD EXCREMENT AND SANITIZE AREA AND AIR INTAKES. DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS. PROVIDE FOR APPROPRIATE LEVEL OF INFECTION CONTROL DURING ALL PHASES OF CONSTRUCTION.

NEW WORK: SHALL INCLUDE INSTALLATION OF COMPLETE NEW FULLY ADHERED SINGLE-PLY ROOFING SYSTEM INCLUDING VAPOR BARRIER ON CONCRETE SUBSTRATE, TAPERED ROOF INSULATION, SHEATHING, SINGLE-PLY (MINIMUM 60 MIL THICK) MEMBRANE, WALK-WAY PADS, STAINLESS STEEL FLASHINGS, PREFORMED FLASHINGS FOR PIPE AND DUNNAGE SUPPORT PENETRATIONS, PIPE SUPPORTS, AND DUCT SUPPORTS.

INSTALL NEW BIRD PROTECTION DEVICES AND SCREENS WITH ACCESS DOOR TO AREA IDENTIFIED AROUND EQUIPMENT AND DUCTS ON THE NORTH SIDE OF THE PENTHOUSE. AT THE PARAPET PROVIDE NEW ALUMINUM COPING, FORMED AND PAINTED TO MATCH EXISTING, WHERE REMOVAL OF EXISTING COPING IS NOT SALVAGEABLE. MAINTAIN OPERATION OF ALL MECHANICAL EQUIPMENT, VENTS, AND DEVICES ON ROOF DURING REROOFING.

7.0 - SCOPE 7 - BUILDING 1 WEST WING ROOF, BRIDGE ROOF & CHAPEL ROOF REPLACEMENT: (SEE A820 SERIES)

7.1 - REPLACE EXISTING ROOFING MATERIAL, ACCESSORIES WITH NEW SINGLE PLY ROOFING SYSTEM AND NEW ACCESSORIES

DEMOLITION: FOR THIS SCOPE OF WORK DEMOLITION INCLUDES THE REMOVAL OF ALL BALLAST, BUILT-UP ROOFING MEMBRANE, WALK-WAY PADS, SHEATHING/COVER BOARDS, AND INSULATION DOWN TO CONCRETE ROOF DECK, AND REMOVE FLASHINGS AROUND PIPE AND DUCT PENETRATIONS. CUT BACK ROOFING AT PARAPETS VERTICALLY UP TO 30 INCHES ABOVE FINISHED ROOF SURFACE, PROTECT THROUGH-WALL FLASHING. AT AIR HANDLERS, EXPOSED MECHANICAL EQUIPMENT, FANS AND EQUIPMENT ROOMS LIFT EXISTING FLASHING TO ALLOW FOR NEW ROOFING MEMBRANE AND FLASHING TO BE INSTALLED UP TO THE TOP OF THE CURB AROUND AIR HANDLERS AND EQUIPMENT ROOMS. REMOVAL SHALL BE DONE IN SECTIONS, COORDINATED WITH INSTALLATION OF NEW REPLACEMENT ROOF SO THAT ONLY A LIMITED PORTION OF THE ROOF IS EXPOSED AT ONE TIME. PROVIDE PROTECTION FOR INCLEMENT WEATHER OF EXPOSED AREAS DURING REROOFING. DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS. PROVIDE FOR APPROPRIATE LEVEL OF INFECTION CONTROL DURING ALL PHASES OF CONSTRUCTION. EXISTING DUNNAGE MAY BE LIFTED AND REMOVED IF NO LONGER REQUIRED BY VA AFTER VERIFICATION WITH VA.

NEW WORK: NEW WORK INCLUDES INSTALLATION OF COMPLETE NEW ROOFING FULLY-ADHERED SINGLE-PLY SYSTEM INCLUDING VAPOR BARRIER ON CONCRETE SUBSTRATE, TAPERED ROOF INSULATION, SHEATHING, SINGLE-PLY (MINIMUM 60 MIL THICK) MEMBRANE, WALK-WAY PADS, STAINLESS STEEL FLASHINGS, PREFORMED FLASHINGS FOR PIPE AND DUNNAGE SUPPORT PENETRATIONS, PIPE SUPPORTS, ETC. AT THE PARAPET PROVIDE NEW STAINLESS STEEL FLASHING AND COUNTER FLASHING AT NEW CUT-IN REGLET AROUND ENTIRE PARAPET TO RECEIVE NEW ROOFING MEMBRANE FLASHING. MAINTAIN OPERATION OF ALL MECHANICAL EQUIPMENT, VENTS, AND DEVICES ON ROOF DURING REROOFING.

AT THE SMALL AIR HANDLING UNIT, IDENTIFIED IN THE DRAWINGS, PROVIDE A NEW GALVANIZED SHEET METAL COVER OVER THE TOP OF THE ENTIRE UNIT. EDGES SHALL BE EXTENDED DOWN OVER THE FACE OF THE UNIT AND ALL SEAMS SHALL BE LAPPED AND SEALED. FASTEN COVER TO UNIT TO TOP OF UNIT OR STRAP DOWN TO PREVENT UPLIFT OF COVER. ALL FASTENERS SHALL BE STAINLESS STEEL.

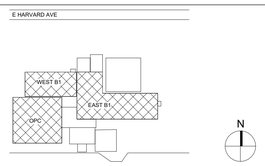
7.2 - REPLACE EXISTING ROOFING MATERIAL, ACCESSORIES WITH NEW SINGLE PLY ROOFING SYSTEM AND NEW ACCESSORIES AT CHAPEL ROOF

DEMOLITION: FOR THIS SCOPE OF WORK INCLUDES THE REMOVAL OF ALL BALLAST, BUILT-UP ROOFING MEMBRANE, WALK-WAY PADS, SHEATHING/COVER BOARDS, AND INSULATION DOWN TO CONCRETE ROOF DECK, AND REMOVE FLASHINGS AROUND PIPE AND DUCT PENETRATIONS. REMOVE SECTIONS OF ALUMINUM COPING TO ENABLE INSTALLATION OF NEW ROOFING MEMBRANE. SALVAGE UNDAMAGED COPING SECTIONS FOR REINSTALLATION. AT AIR HANDLERS, EXPOSED MECHANICAL EQUIPMENT AND FANS, LIFT EXISTING FLASHING TO ALLOW FOR NEW ROOFING MEMBRANE AND FLASHING TO BE INSTALLED UP TO THE TOP OF THE CURB AROUND AIR HANDLERS, EXPOSED MECHANICAL EQUIPMENT AND FANS. REMOVAL SHALL BE DONE IN SECTIONS, COORDINATED WITH INSTALLATION OF NEW REPLACEMENT ROOF SO THAT ONLY A LIMITED PORTION OF THE ROOF IS EXPOSED AT ONE TIME. PROVIDE PROTECTION FOR INCLEMENT WEATHER OF EXPOSED AREAS DURING REROOFING. DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS. PROVIDE FOR APPROPRIATE LEVEL OF INFECTION CONTROL DURING ALL PHASES OF CONSTRUCTION.

NEW WORK: SHALL INCLUDE INSTALLATION OF COMPLETE NEW FULLY ADHERED SINGLE-PLY ROOFING SYSTEM INCLUDING VAPOR BARRIER ON CONCRETE SUBSTRATE, TAPERED ROOF INSULATION, SHEATHING, SINGLE-PLY (MINIMUM 60 MIL THICK) MEMBRANE, WALK-WAY PADS, STAINLESS STEEL FLASHINGS, PREFORMED FLASHINGS FOR PIPE AND DUNNAGE SUPPORT PENETRATIONS, PIPE SUPPORTS, AND DUCT SUPPORTS.

7.2.1 EXPANSION JOINT BETWEEN CHAPEL ROOF AND OPC: REMOVE EXISTING EXPANSION JOINT COVER AND SEALANTS USED TO INSTALL THE EXPANSION JOINT COVER. REPLACE WITH NEW EXPANSION JOINT COVER FORMED FROM 16 GA (MIN. THICKNESS) 304 STAINLESS STEEL SHEET. FORM COVER JOINT TO ACHIEVE THE REQUIRED SEISMIC MOVEMENTS AND WITH PROPER SLOPE OF MINIMUM 5% AWAY FROM THE OPC TO THE CHAPEL ROOF. INSTALL NEW EXPANSION JOINT COVER, ENSURING PROPER SEALED OVERLAP OF SECTIONS AND SEAL COVER JOINT TO SUBSTRATES WITH COUNTER FLASHINGS AND PROPER EMBEDMENT IN COMPATIBLE SEALANT.

KEYPLAN



Revisions:	Date:

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

Drawing Title	OVERALL ROOF PLAN
Approved: Project Director	
Phase	100% NOT FOR CONSTRUCTION BID DOCUMENTS
	FULLY SPRINKLERED
Project Title	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC
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Building Number	
Drawing Number	A200

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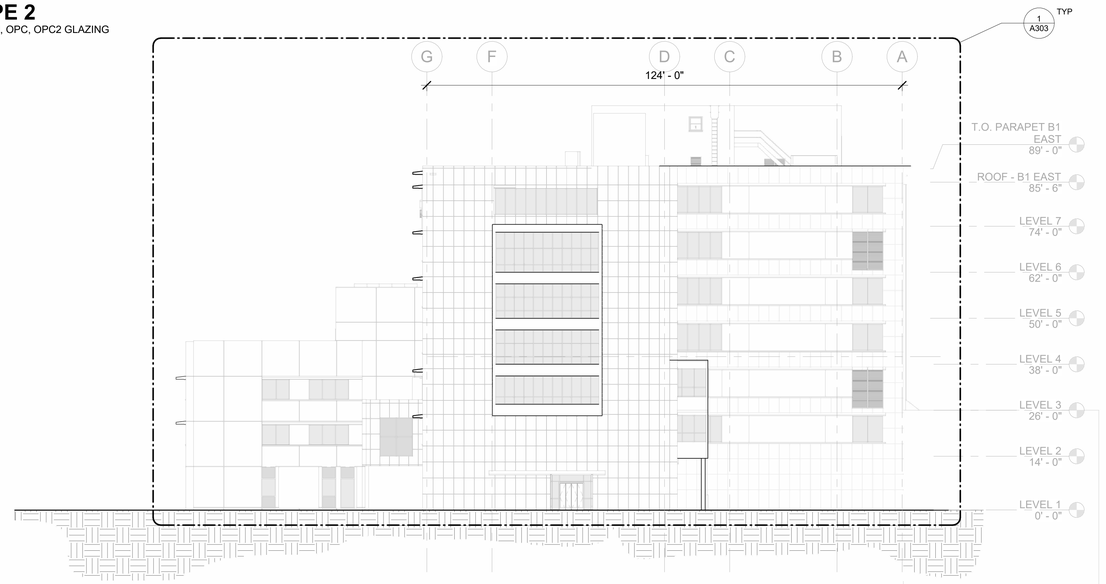
SCOPE 1
BUILDING 1 AND OPC ENVELOPE REPAIRS

SCOPE 2
BUILDING 1, OPC, OPC2 GLAZING



2 OVERALL EAST ELEVATION
SCALE: 1/16" = 1'-0"

1 OVERALL NORTH ELEVATION
SCALE: 1/16" = 1'-0"

OVERALL ELEVATIONS SHOWN FOR REFERENCE ONLY

SCOPE DESCRIPTION

1.0 - SCOPE 1 - BUILDING 1 AND OPC ENVELOPE REPAIRS: (SEE A800 SERIES)

REPAIRS ARE IDENTIFIED IN THE FOLLOWING DOCUMENTS:

- FACADE INSPECTION REPORT, "VAMC FRESNO FACADE INSPECTION DRAFT REPORT, DATED JUNE 5, 2009, BY TOLAND-MIZELL ARCHITECTS, INC. AND APPLIED ENGINEERING SOLUTIONS, INC.
- FACADE STUDIES VISN 9, 15,19,20,21, 21, 22, FRESNO VA MEDICAL CENTER, BUILDING 1, FINAL REPORT, DATED 23 SEPTEMBER 2022
- FACADE CONDITION ASSESSMENT, VETERAN AFFAIRS MEDICAL CENTER, 2615 EAST CLINTON AVENUE, FRESNO, CA, TERRACON PROPOSAL NO. PTT226094, BY TERRACON, DATED OCTOBER 13, 2023

SCOPE 1.1 - GENERAL:
BEFORE COMMENCEMENT OF REPAIRS, THE BUILDING ENCLOSURE SHOULD BE THOROUGHLY CLEANED USING NON-ABRASIVE METHODS. CONDUCT TESTS IN NON-CONSPICUOUS AREAS TO CONFIRM THE MOST EFFECTIVE METHOD OF CLEANING PRIOR TO COMMENCING CLEANING OF THE ENTIRE FACADE. CONSULT WITH THE INTERNATIONAL MASONRY INSTITUTE ON CLEANING PRODUCTS AND METHODS. DURING CLEANING OF THE FACADE, CONDUCT A DETAILED EXAMINATION RECORDING AND VERIFYING THE FULL EXTENT OF REPAIRS REQUIRED FOR THE OBSERVED DEFICIENCIES NOTED BELOW.

1.2 - TERRA COTTA CLADDING: (SEE DETAIL SHEETS A801-A802)
1.2.1 - UNSOUND AND SIGNIFICANTLY CRACKED TERRA COTTA UNITS: UNITS THAT HAVE CRACKED OR EXHIBIT CONSIDERABLE SPALLING AND HAVE BECOME DISLODGED FROM THEIR ANCHORS AND/OR SEPARATED FROM THE SETTING BED BENEATH. REPAIRS:

- REMOVE AND REPLACE UNITS THAT HAVE MULTIPLE CRACKS AND OR LARGE SPALLED SURFACES. MATERIAL OPTIONS FOR REPLACEMENT UNITS INCLUDE TERRA COTTA OR GLASS FIBER REINFORCED CONCRETE (GFRC). FOR REPLACING TERRA COTTA UNITS, FOLLOW THE INTERNATIONAL MASONRY INSTITUTE 'S (IMI) GUIDELINES.
- UNITS THAT ARE SUBSTANTIALLY INTACT CAN BE REMOVED AND RESET WITH NEW STAINLESS-STEEL ANCHORS. FOR RESETTING TERRA COTTA UNITS FOLLOW IMI 'S GUIDELINES.

1.2.2 – SOUND CRACKED TERRA COTTA UNITS: REPAIR BY STABILIZING-IN-PLACE UNITS THAT EXHIBIT A SINGLE CRACK BUT ARE OTHERWISE SOUND USING ADDITIONAL PINNING AND/OR ANCHORS WITHOUT REMOVING THE UNIT. CRACKS ARE TO BE SEALED EITHER WITH A COATING OR SEALANT. FOR ANCHORING AND PINNING TERRA COTTA UNITS FOLLOW IMI'S GUIDELINES.
1.2.3 A - TERRA COTTA SILL SPALL, 1.2.3B TERRA COTTA PANELS SPALLS & 1.2.3C TERRA COTTA COPING STONE SPALL: REPAIRS:

- UNITS AND PANELS THAT ARE SOUND, BUT EXHIBIT LARGE, SPALLED AREAS IN THE FACE OF THE PANELS. REPAIR BY REMOVING AND REPLACING UNITS. MATERIAL OPTIONS FOR REPLACEMENT UNITS INCLUDE TERRA COTTA OR GLASS FIBER REINFORCED CONCRETE (GFRC). FOR REPLACING TERRA COTTA UNITS FOLLOW THE IMI'S GUIDELINES.
- UNITS AND PANELS THAT EXHIBIT SMALL TO MODERATELY SPALLED SURFACES IN THE FACE OF THE PANELS, REPAIR BY USING MORTAR FOR UNGLAZED UNITS; AND FOR GLAZED UNITS TREAT WITH A PROTECTIVE COATING, FOLLOWING THE RECOMMENDATIONS OF THE IMI.

1.2.4 – LOOSE, DETERIORATED AND MISSING MORTAR JOINTS IN TERRA COTTA CLADDING – REPAIRS MORTAR JOINTS BY CLEANING OUT AND CUTTING BACK TO A SUFFICIENT DEPTH FOR TUCK-POINTING. REPAIR PREPARATION AND MORTAR SHOULD FOLLOW THE RECOMMENDATIONS OF IMI. USE MORTAR MIX OF COMPATIBLE WITH TERRA MATERIALS AND EXISTING MORTAR.
1.2.5 - UNSEALED CUTS REPAIR: USE MORTAR TO REPAIR UNSEALED CUTS WHERE CUT DOES NOT ABUT ANOTHER MATERIAL SUCH AS METAL. USE A SEALANT TO SEAL BETWEEN TERRA COTTA UNITS AND OTHER MATERIALS. REPAIR PREPARATION AND MORTAR/SEALANT TYPE SHOULD FOLLOW THE RECOMMENDATIONS OF IMI.
1.2.6 - EFFLORESCENCE AND STAINING IN TERRA COTTA UNITS: BEFORE COMMENCING REPAIR EXAMINE THE ROOT CAUSE OF EFFLORESCENCE AND STAINING TO DETERMINE IF MOISTURE IS DIGRESSING INTO THE CLADDING SYSTEM OR FROM WATER DRIPPING ONTO THE TERRA COTTA SURFACE. ONCE DETERMINED, IMPLEMENT REPAIRS TO WATER INFILTRATION OR SOURCE OF WATER DRIP. REMOVE EFFLORESCENCE AND STAINING FROM THE SURFACE OF THE TERRA COTTA UNITS USING THE LEAST ABRASIVE METHOD TO MAINTAIN THE FINISH OF THE UNITS. REPLACE UNITS IF STAIN CANNOT BE REMOVED. CLEANING PREPARATION METHODS SHALL FOLLOW THE RECOMMENDATIONS OF IMI.
1.2.7 - DETERIORATED OR MISSING SEALANT JOINTS IN TERRA COTTA CLADDING: REPAIR BY REMOVING ALL SEALANTS THAT HAVE LOST ADHESION AND ARE DISPLACED. CLEAN BACK JOINT TO A SUFFICIENT DEPTH TO ALLOW FULL ADHESION OF SEALANT TO SUBSTRATES. USE SUITABLE BACKER MATERIALS TO ALLOW FOR JOINT SEALANT MOVEMENT. USE MANUFACTURER 'S PRIMER IF RECOMMENDED. REPAIR PREPARATION AND SEALANT TYPE SHALL FOLLOW THE RECOMMENDATIONS OF IMI.
1.2.8 – EXTERIOR COATING DETERIORATION: REPAIR BY RECOATING TERRA COTTA UNITS AND PANELS BY APPLYING A CLEAR ELECTROMETRIC COATING AFTER CLEANING.

1.3 - STUCCO CLADDING: (SEE DETAIL SHEET A806)
1.3.1 - SPALLS IN STUCCO CLADDING REPAIR: REMOVE SPALLS FROM SURFACE AND PATCH IN ACCORDANCE WITH RECOMMENDATIONS FROM THE PORTLAND CEMENT ASSOCIATION (PCA). PREPARE PATCH AND SURROUNDING SURFACE FOR TEXTURED ELASTOMERIC COATING.
1.3.2 - CRACKS IN STUCCO CLADDING REPAIR: CRACKS LARGER THAT A HAIRLINE SHOULD BE ROUTED OUT AND REPAIRED USING A FILLER IN ACCORDANCE WITH RECOMMENDATIONS FROM PCA. SMALL CRACKS CAN BE SEALED USING A BRUSH GRADE SEALANT. FOR SEALANTS FOLLOW MANUFACTURER 'S RECOMMENDATIONS FOR PREPARATION, PRIMERS AND APPLICATION METHODS.
1.3.3 - FAILED FINISHES IN STUCCO CLADDING: REPAIR FINISHES AFTER CORRECTION OF SOURCES OF MOISTURE INGRESS INTO THE WALL ASSEMBLY. TERMINATE STUCCO CLADDING A MINIMUM OF 4 INCHES, BUT NOT GREATER THAT 6 INCHES BY GRADE. FOLLOW RECOMMENDATION OF THE PCA FOR REPAIRS.
1.3.4 – STAINS IN STUCCO CLADDING: CLEAN STUCCO CLADDING AND RECOAT WITH FINISHED SURFACE WITH A COLORED ELASTOMERIC COATING.

1.4 - EXPOSED CONCRETE: (SEE DETAIL SHEETS A807)
1.4.1 - CONCRETE SPALLS: REMOVE SPALLS FROM CONCRETE AND CUT BACK CONCRETE UNTIL ALL SURFACES ARE SOUND. REPAIRS TO CONCRETE:

- IF REINFORCEMENT IS EXPOSED DURING REMOVAL, THOROUGHLY REMOVE RUST DOWN TO CLEAN METAL. IF REINFORCEMENT HAS DETERIORATED BEYOND ITS STRUCTURAL CAPACITY, CUT-OUT DETERIORATED REINFORCEMENT, CUT-BACK CONCRETE AROUND SOUND REINFORCEMENT TO FORM AN OVERLAP, AS DETERMINED BY STRUCTURAL ENGINEER, COAT ALL REINFORCEMENT WITH EPOXY COATING, PRIME CONCRETE SURFACES, AND REINSTATE CONCRETE USING A CONCRETE MIX THAT MATCHES OR IS COMPATIBLE WITH THE EXISTING CONCRETE MIX. FOLLOW RECOMMENDATIONS OF THE AMERICAN CONCRETE INSTITUTE FOR REPAIRS AND DETAILS DEVELOPED BY THE STRUCTURAL ENGINEERS. RECOAT NEW CONCRETE REPAIR TO MATCH EXISTING FINISHES.
- SPALLS NOT EXPOSING REINFORCEMENT, ARE TO BE REPAIRED BY PRIMING CONCRETE SURFACES AND REINSTATING CONCRETE REPAIR WITH PLASTER COATING AND PAINT WITH ELASTOMERIC COATING

1.4.2 - CONCRETE CRACKS: ROUTE OUT CRACKS LARGER THAN HAIRLINE IN CONCRETE TO ALLOW INSTALLATION OF SEALANT. REMOVE ANY LOOSE MATERIALS. INSTALL SEALANT. FOLLOW SEALANT MANUFACTURER 'S RECOMMENDATIONS FOR PRIMERS, AND SEALANT TYPE.
1.4.3 - DETERIORATED OR MISSING SEALANT: REMOVE FAILED SEALANT FROM JOINTS. CLEAN OUT JOINTS IN CONCRETE, REMOVING ANY LOOSE MATERIAL TO ALLOW INSTALLATION OF NEW SEALANT. INSTALL SEALANT. FOLLOW SEALANT MANUFACTURER FOR PRIMERS AND SEALANT TYPE.
1.4.4 - FAILED CONCRETE COATING: REMOVE AREAS OF FAILED COATINGS DOWN TO BARE CONCRETE. ABRADE SURFACES TO BE RECOATED AND APPLY NEW COATING TO MATCH EXISTING COATING FINISH.

1.5 – FENESTRATION ASSEMBLIES: (SEE DETAIL SHEETS A808)
1.5.1 - CRACKED GLAZING UNITS: CRACKED GLAZING UNITS SHOULD BE REMOVED AND REPLACED WITH NEW INSULATED UNITS MATCHING ADJACENT UNITS FOR COLOR, TRANSLUCENCY AND THERMAL CHARACTERISTICS.

1.5.2 - DETERIORATED AND MISSING SEALANT: REMOVE FAILED SEALANT FROM JOINTS. CLEAN OUT JOINTS IN WINDOW ASSEMBLIES, TO ALLOW INSTALLATION OF NEW SEALANT. INSTALL SEALANT FOLLOWING RECOMMENDATIONS OF SEALANT MANUFACTURER FOR PRIMERS, BACKER MATERIAL AND SEALANT TYPE.

1.5.3 - DETERIORATED AND DISLODGED GASKETS: REMOVE ANY DETERIORATED GASKETS FROM THE WINDOW FRAME AND REPLACE WITH NEW GASKET, SELECTED FOR COMPATIBILITY, SIZE AND DUROMETER TO FORM A COMPLETED SEAL OF THE GLAZING UNITS IN THE FRAMING. WET SEAL REPLACEMENT FOR GASKETS SHOULD NOT BE CONSIDERED. REINSTALL DISLODGED GASKETS IF THE GASKET MAINTAINS THE REQUIRED COMPRESSION UNDER THE COLDEST EXPERIENCED ENVIRONMENT. FOLLOW RECOMMENDATIONS OF GASKET AND WINDOW MANUFACTURER AND AMERICAN ARCHITECTURAL MANUFACTURERS ASSOCIATION (AAMA) FOR GASKET SELECTION, SUBSTRATE PREPARATION, AND INSTALLATION.

1.5.4 – DETERIORATED LOUVERS: REMOVE LOUVER AND REPLACE WITH NEW ALUM STORMPROOF LOUVER WITH SAME FREE AREA CAPACITY.

1.5.5 – DETERIORATED METAL SUNSHADES: REMOVE ALL LOOSE COATINGS FROM SUNSHADES AND DETERIORATED SEALANTS. PREPARE SURFACE TO RECEIVE NEW FINISH. PROTECT ALL SURFACES OF ADJACENT MATERIALS FROM NEW FINISH. APPLY 3 COAT PAINT SYSTEM TO METAL SUNSHADES. INSTALL NEW SEALANT TO JOINTS IN METAL SUNSHADES AND BETWEEN SUNSHADES AND ADJACENT CLADDING.

1.6 - MISCELLANEOUS:(SEE DETAIL SHEETS A809)

1.6.1 - ACTIVE MOISTURE LEAKS: HOSE TEST AREA WHERE ACTIVE MOISTURE LEAKS OCCUR TO DETERMINE THE SOURCE AND EXTENT OF MOISTURE INGRESS. REMOVE CLADDING MATERIALS, MAKE REPAIRS TO CLADDING MATERIAL AND REINSTATE MATERIAL. REPAIR DAMAGED FLASHINGS, MOISTURE BARRIERS AND/OR INTERNAL SEALS. REPLACE MATERIALS AS REQUIRED TO IMPLEMENT REPAIR. RETEST AREA OF LEAKS TO PROVE THE EFFICACY OF THE REPAIR. USE REPAIR MATERIALS COMPATIBLE WITH ADJACENT MATERIALS TO AVOID FURTHER UNINTENDED DETERIORATION OF MOISTURE BARRIER SYSTEM. FOLLOW THE RECOMMENDATION OF THE CLADDING-SYSTEM 'S INDUSTRY ASSOCIATION STANDARDS AND RECOMMENDATIONS.

1.6.2 - ABANDONED ANCHORS: REMOVE ABANDONED ANCHORS FROM CLADDING AND REPAIR THE VOID LEFT BY THE ANCHOR, USING THE REPAIRS NOTED IN 1.2.5 IN TERRA COTTA PANELS AND UNITS FOR UNSEALED CUTS.

1.6.3 - METAL DECK TO TERRA COTTA TRANSITIONS: AT THE LOADING DOCK OF BUILDING 1, REPAIR TRANSITION BETWEEN METAL DECK TO TERRA COTTA CLADDING. REPAIR VOID BY INSTALLING AN INSULTING MATERIAL AND A PAINTED METAL TRANSITION COVER OVER THE INSULATION. SEAL ALL JOINTS IN THE TRANSITION COVER. FINISH OF TRANSITION COVER TO MATCH ADJACENT METAL DECK.

1.6.4 - DAMAGED CLAY TILES: REMOVE AND REPLACE DAMAGED CLAY TILES AT THE ARCADE ON THE SOUTH ELEVATION OF BUILDING 1, TILE SHALL MATCH EXISTING TILE, REGROUT JOINTS.

1.6.5 - EIFS WALL SEPARATION: WHERE EIFS WALL SYSTEM IS FAILING, REMOVE ENTIRE AREA OF EIFS WALL SYSTEM DOWN TO SUBSTRATE. INSPECT SUBSTRATE FOR DAMAGE AND PATCH AND REPAIR SUBSTRATE AS REQUIRED TO INSTALL NEW EIFS SYSTEM WITH INTEGRAL DRAINAGE LAYER, OVER NEW AIR BARRIER. USE INSULATION WITH A THICKNESS TO ALIGN FINISHED FACE OF EIFS SYSTEM WITH SURROUNDING TERRA COTTA PANELS. COLOR AND TEXTURE OF FINISHED EIFS SURFACE SELECTED TO MATCH SURROUNDING TERRA COTTA PANELS.

1.6.6 - CLEAN AND REPAIR METAL AWNING: CLEAN ALL SURFACES OF METAL AWNING TO RECEIVE NEW FINISH. REPAIR OR REPLACE METAL SECTIONS OF AWNING TO RESTORE AWNING TO ITS ORIGINAL SHAPE AND GEOMETRY. PAINT AWING, APPLYING PRIMER AND FINISH COATINGS. FINISH TO MATCH UNDERSIDE OF ADJACENT CANOPY.

1.6.7 - CLEAN & PAINT THE OUTSIDE OF THE ELEVATOR MACHINE ROOM PENTHOUSES: THOROUGHLY CLEAN EXTERIOR STUCCO SURFACE OF THE ELEVATOR MACHINE ROOM PENTHOUSE, REMOVING LOOSE OR PEELING FINISHES DOWN TO SOUND SUBSTRATE OR FULLY ADHERED FINISHES. PAINT BY APPLY PRIMER AND FINISH COAT(S). FINISH TO MATCH EXISTING PENTHOUSE COLOR.

1.6.8 - CLEAN & PAINT METAL PANELS OF OPC LEVEL 1: CLEAN METAL PANEL ABOVE AND BELOW WINDOW. REMOVE ANY LOOSE PAINT. PAINT BY APPLY PRIMER AND FINISH COAT(S). COLOR AND GLOSS TO MATCH EXISTING METAL PANEL FINISH.

2. 0 - SCOPE 2 - BUILDING 1, OPC, OPC2 GLAZING: (SEE A810 SERIES)

2.1.1 REPLACE SINGLE-GLAZED WINDOWS AND STOREFRONT WITH DOUBLE GLAZING:

DEMOLITION: THIS SCOPE OF DEMOLITION WORK INCLUDES THE FOLLOWING: REMOVAL OF THE GLAZING UNITS, FRAMING STOPS IN THE STOREFRONT, AND WINDOW FRAMING. CLEAN AWAY ANY SEALANT AND GASKET MATERIAL FROM THE ALUMINUM FRAMES. REMOVE INTERIOR BLINDS. DISPOSE ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS.

TEMPORARY PROTECTION AND MEASURES: PROVIDE FOR PHASED CONSTRUCTION AND OUT OF HOURS WORK TO LIMIT DISRUPTION FOR THE MEDICAL CENTER 'S OPERATIONS. PROVIDE TEMPORARY PROTECTION TO MAINTAIN INTERIOR ENVIRONMENT AND INFECTION CONTROL (ICRA) AS WELL AS INSECT CONTROL, DURING CONSTRUCTION.

NEW WORK: REPLACE OR MODIFY EXISTING STOREFRONT AND WINDOW FRAMING TO ALLOW THE FRAMING TO RECEIVE THE NEW INSULATED GLAZING UNITS. REINFORCE ANCHORAGE IF REQUIRED TO ACCOMMODATE THE ADDITIONAL WEIGHT OF THE NEW GLAZING UNITS. FINISH OF THE ALUMINUM FRAMING SHALL MATCH THE EXISTING FRAMING.

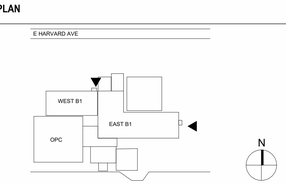
- FOR THE ARCADE STOREFRONT FENESTRATION OF BUILDING 1, NEW OR REFURBISHED FRAMING MEMBERS SHALL RECEIVE A POWDERED-COATED FINISH OR CLEAR ANODIZED FINISH.
- FOR THE OPC WINDOW FRAMES, A BRONZE ANODIZED FINISH OR POWDERED COATED FINISH SHALL BE USED.
- GLAZING UNITS FOR THE BUILDING 1 WILL BE CLEAR HIGH-PERFORMANCE INSULATED UNITS. THE NEW OPC INSULATED WINDOW GLAZING UNITS SHALL BE FABRICATED WITH A BRONZE TINTED OUTER LITE AND A CLEAR INNER LITE TO MATCH THE EXISTING GLAZING ON THE UPPER FLOORS OF THE OPC. PROVIDE BLAST FILM TO ALL NEW UNITS.
- IN BUILDING 1, THE LOWER GLAZING UNIT OF THE ARCADE STOREFRONT, THE BLAST FILM WILL HAVE A WHITE TRANSLUCENT TINT.
- PROVIDE FOR EITHER HORIZONTAL OR VERTICAL BLINDS AT ALL GLAZING OPENINGS TO MATCH EXISTING BLINDS.

2.1.2 - REPLACE EXISTING DOUBLE GLAZED WINDOWS: REPLACE WINDOWS WITH INTEGRAL BLINDS WITH NEW INSULATED GLAZING UNITS AND BLINDS TO MATCH EXISTING

MATERIALS LEGEND

	GLAZING	- - - - -	TO BE DEMOED
	SPANDREL PANELS		ENTIRE AREA OF GLAZING
	SCUPPER	40 SF	
	TERRA COTTA		
(	ANCHOR BOLT		

KEYPLAN



Revisions:	Date:

CONSULTANT

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STAMP
AARON RUMPLER LICENSED 6510 KANSAS ARCHITECT 1-23-2026

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

Drawing Title: OVERALL NORTH AND EAST ELEVATIONS	Phase: 100% NOT FOR CONSTRUCTION BID DOCUMENTS	Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	Project Number: 570-21-108
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Building Number: BLDG1 & OPC
		Issue Date: 1-23-2026 / Checked: AR / Drawn: TL	Drawing Number: A301

VA FORM 08 - 6231

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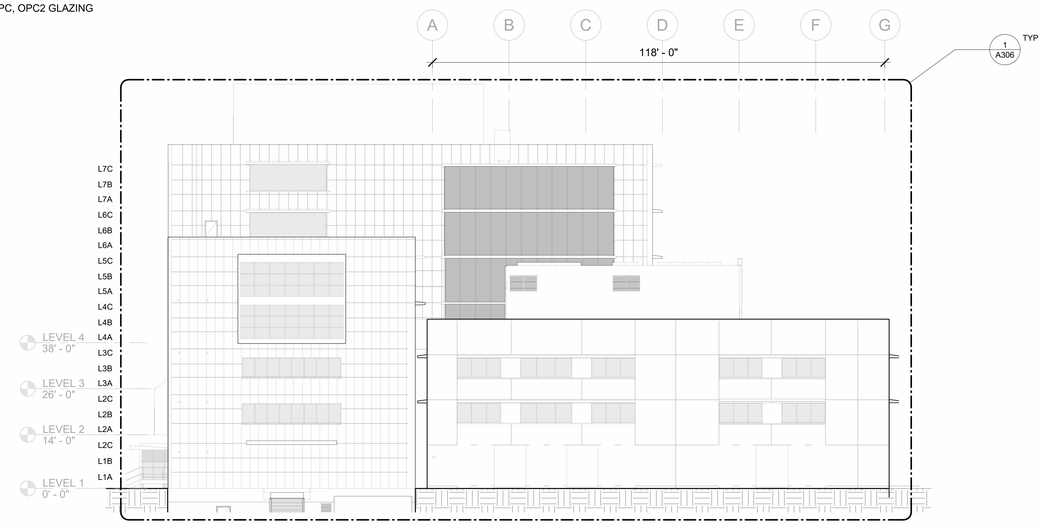
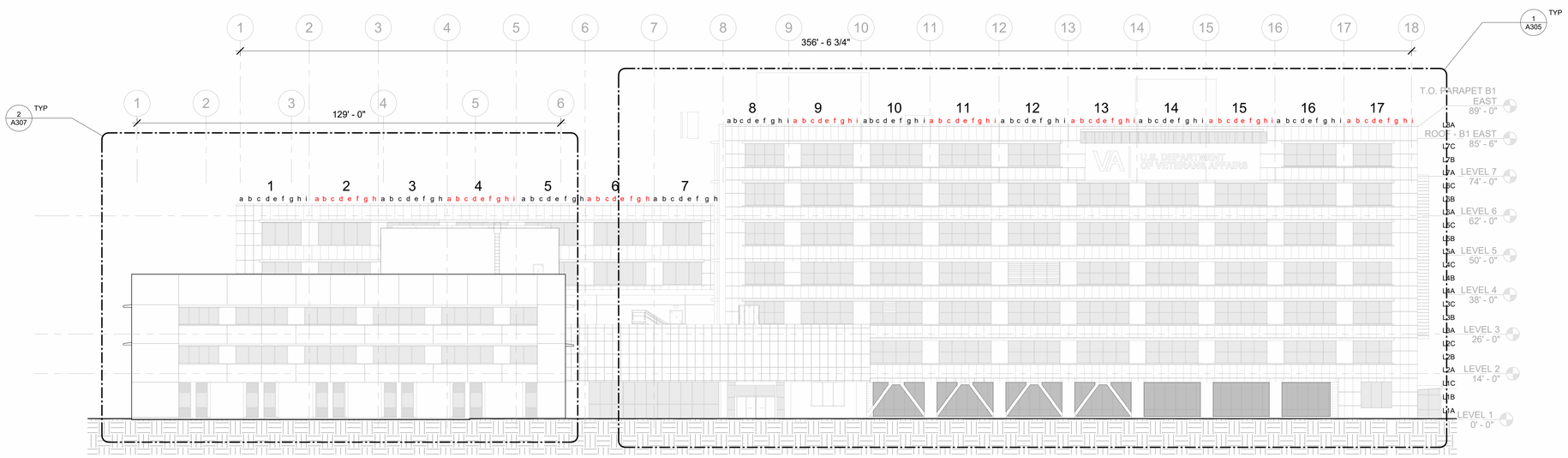
SCOPE 1
BUILDING 1 AND OPC ENVELOPE REPAIRS

SCOPE 2
BUILDING 1, OPC, OPC2 GLAZING



2 OVERALL WEST ELEVATION
SCALE: 1/16" = 1'-0"



1 OVERALL SOUTH ELEVATION
SCALE: 1/16" = 1'-0"

OVERALL ELEVATIONS SHOWN FOR REFERENCE ONLY

SCOPE DESCRIPTION

1.0 - SCOPE 1 - BUILDING 1 AND OPC ENVELOPE REPAIRS: (SEE A800 SERIES)

REPAIRS ARE IDENTIFIED IN THE FOLLOWING DOCUMENTS:
- FACADE INSPECTION REPORT, "VAMC FRESNO FACADE INSPECTION DRAFT REPORT, DATED JUNE 5, 2009, BY TOLAND-MIZELL ARCHITECTS, INC. AND APPLIED ENGINEERING SOLUTIONS, INC.
- FACADE STUDIES VISN 9, 15,19,20,21, 21, 22, FRESNO VA MEDICAL CENTER, BUILDING 1, FINAL REPORT, DATED 23 SEPTEMBER 2022
- FACADE CONDITION ASSESSMENT, VETERAN AFFAIRS MEDICAL CENTER, 2615 EAST CLINTON AVENUE, FRESNO, CA, TERRACON PROPOSAL NO. PTT226094, BY TERRACON, DATED OCTOBER 13, 2023

SCOPE 1.1 - GENERAL:
BEFORE COMMENCEMENT OF REPAIRS, THE BUILDING ENCLOSURE SHOULD BE THOROUGHLY CLEANED USING NON-ABRASIVE METHODS. CONDUCT TESTS IN NON-CONSPICUOUS AREAS TO CONFIRM THE MOST EFFECTIVE METHOD OF CLEANING PRIOR TO COMMENCING CLEANING OF THE ENTIRE FACADE. CONSULT WITH THE INTERNATIONAL MASONRY INSTITUTE ON CLEANING PRODUCTS AND METHODS. DURING CLEANING OF THE FACADE, CONDUCT A DETAILED EXAMINATION RECORDING AND VERIFYING THE FULL EXTENT OF REPAIRS REQUIRED FOR THE OBSERVED DEFICIENCIES NOTED BELOW.

1.2 - TERRA COTTA CLADDING: (SEE DETAIL SHEETS A801-A802)
1.2.1 - UNSOUND AND SIGNIFICANTLY CRACKED TERRA COTTA UNITS: UNITS THAT HAVE CRACKED OR EXHIBIT CONSIDERABLE SPALLING AND HAVE BECOME DISLODGED FROM THEIR ANCHORS AND/OR SEPARATED FROM THE SETTING BED BENEATH. REPAIRS:
- REMOVE AND REPLACE UNITS THAT HAVE MULTIPLE CRACKS AND OR LARGE SPALLED SURFACES. MATERIAL OPTIONS FOR REPLACEMENT UNITS INCLUDE TERRA COTTA OR GLASS FIBER REINFORCED CONCRETE (GFRC). FOR REPLACING TERRA COTTA UNITS, FOLLOW THE INTERNATIONAL MASONRY INSTITUTE 'S (IMI) GUIDELINES.
- UNITS THAT ARE SUBSTANTIALLY INTACT CAN BE REMOVED AND RESET WITH NEW STAINLESS-STEEL ANCHORS. FOR RESETTING TERRA COTTA UNITS FOLLOW IMI 'S GUIDELINES.

1.2.2 – SOUND CRACKED TERRA COTTA UNITS: REPAIR BY STABILIZING-IN-PLACE UNITS THAT EXHIBIT A SINGLE CRACK BUT ARE OTHERWISE SOUND USING ADDITIONAL PINNING AND/OR ANCHORS WITHOUT REMOVING THE UNIT. CRACKS ARE TO BE SEALED EITHER WITH A COATING OR SEALANT. FOR ANCHORING AND PINNING TERRA COTTA UNITS FOLLOW IMI'S GUIDELINES.
1.2.3 A - TERRA COTTA SILL SPALL 1.2.3B TERRA COTTA PANELS SPALLS & 1.2.3C TERRA COTTA COPING STONE SPALL: REPAIRS:
- UNITS AND PANELS THAT ARE SOUND, BUT EXHIBIT LARGE, SPALLED AREAS IN THE FACE OF THE PANELS. REPAIR BY REMOVING AND REPLACING UNITS. MATERIAL OPTIONS FOR REPLACEMENT UNITS INCLUDE TERRA COTTA OR GLASS FIBER REINFORCED CONCRETE (GFRC). FOR REPLACING TERRA COTTA UNITS FOLLOW THE IMI'S GUIDELINES.
- UNITS AND PANELS THAT EXHIBIT SMALL TO MODERATELY SPALLED SURFACES IN THE FACE OF THE PANELS, REPAIR BY USING MORTAR FOR UNGLAZED UNITS; AND FOR GLAZED UNITS TREAT WITH A PROTECTIVE COATING, FOLLOWING THE RECOMMENDATIONS OF THE IMI.

1.2.4 – LOOSE, DETERIORATED AND MISSING MORTAR JOINTS IN TERRA COTTA CLADDING – REPAIRS MORTAR JOINTS BY CLEANING OUT AND CUTTING BACK TO A SUFFICIENT DEPTH FOR TUCK-POINTING. REPAIR PREPARATION AND MORTAR SHOULD FOLLOW THE RECOMMENDATIONS OF IMI. USE MORTAR MIX OF COMPATIBLE WITH TERRA MATERIALS AND EXISTING MORTAR.
1.2.5 - UNSEALED CUTS REPAIR: USE MORTAR TO REPAIR UNSEALED CUTS WHERE CUT DOES NOT ABUT ANOTHER MATERIAL SUCH AS METAL. USE A SEALANT TO SEAL BETWEEN TERRA COTTA UNITS AND OTHER MATERIALS. REPAIR PREPARATION AND MORTAR/SEALANT TYPE SHOULD FOLLOW THE RECOMMENDATIONS OF IMI.
1.2.6 - EFFLORESCENCE AND STAINING IN TERRA COTTA UNITS: BEFORE COMMENCING REPAIR EXAMINE THE ROOT CAUSE OF EFFLORESCENCE AND STAINING TO DETERMINE IF MOISTURE IS DIGRESSING INTO THE CLADDING SYSTEM OR FROM WATER DRIPPING ONTO THE TERRA COTTA SURFACE. ONCE DETERMINED, IMPLEMENT REPAIRS TO WATER INFILTRATION OR SOURCE OF WATER DRIP. REMOVE EFFLORESCENCE AND STAINING FROM THE SURFACE OF THE TERRA COTTA UNITS USING THE LEAST ABRASIVE METHOD TO MAINTAIN THE FINISH OF THE UNITS. REPLACE UNITS IF STAIN CANNOT BE REMOVED. CLEANING PREPARATION METHODS SHALL FOLLOW THE RECOMMENDATIONS OF IMI.
1.2.7 - DETERIORATED OR MISSING SEALANT JOINTS IN TERRA COTTA CLADDING: REPAIR BY REMOVING ALL SEALANTS THAT HAVE LOST ADHESION AND ARE DISPLACED. CLEAN BACK JOINT TO A SUFFICIENT DEPTH TO ALLOW FULL ADHESION OF SEALANT TO SUBSTRATES. USE SUITABLE BACKER MATERIALS TO ALLOW FOR JOINT SEALANT MOVEMENT. USE MANUFACTURER 'S PRIMER IF RECOMMENDED. REPAIR PREPARATION AND SEALANT TYPE SHALL FOLLOW THE RECOMMENDATIONS OF IMI.
1.2.8 – EXTERIOR COATING DETERIORATION: REPAIR BY RECOATING TERRA COTTA UNITS AND PANELS BY APPLYING A CLEAR ELECTROMETRIC COATING AFTER CLEANING.

1.3 - STUCCO CLADDING: (SEE DETAIL SHEET A806)
1.3.1 - SPALLS IN STUCCO CLADDING REPAIR: REMOVE SPALLS FROM SURFACE AND PATCH IN ACCORDANCE WITH RECOMMENDATIONS FROM THE PORTLAND CEMENT ASSOCIATION (PCA). PREPARE PATCH AND SURROUNDING SURFACE FOR TEXTURED ELASTOMERIC COATING.
1.3.2 - CRACKS IN STUCCO CLADDING REPAIR: CRACKS LARGER THAT A HAIRLINE SHOULD BE ROUTED OUT AND REPAIRED USING A FILLER IN ACCORDANCE WITH RECOMMENDATIONS FROM PCA. SMALL CRACKS CAN BE SEALED USING A BRUSH GRADE SEALANT. FOR SEALANTS FOLLOW MANUFACTURER 'S RECOMMENDATIONS FOR PREPARATION, PRIMERS AND APPLICATION METHODS.
1.3.3 - FAILED FINISHES IN STUCCO CLADDING: REPAIR FINISHES AFTER CORRECTION OF SOURCES OF MOISTURE INGRESS INTO THE WALL ASSEMBLY. TERMINATE STUCCO CLADDING A MINIMUM OF 4 INCHES, BUT NOT GREATER THAT 6 INCHES BY GRADE. FOLLOW RECOMMENDATION OF THE PCA FOR REPAIRS.
1.3.4 – STAINS IN STUCCO CLADDING: CLEAN STUCCO CLADDING AND RECOAT WITH FINISHED SURFACE WITH A COLORED ELASTOMERIC COATING.

1.4 - EXPOSED CONCRETE: (SEE DETAIL SHEETS A807)
1.4.1 - CONCRETE SPALLS: REMOVE SPALLS FROM CONCRETE AND CUT BACK CONCRETE UNTIL ALL SURFACES ARE SOUND. REPAIRS TO CONCRETE:
- IF REINFORCEMENT IS EXPOSED DURING REMOVAL, THOROUGHLY REMOVE RUST DOWN TO CLEAN METAL. IF REINFORCEMENT HAS DETERIORATED BEYOND ITS STRUCTURAL CAPACITY, CUT-OUT DETERIORATED REINFORCEMENT, CUT-BACK CONCRETE AROUND SOUND REINFORCEMENT TO FORM AN OVERLAP, AS DETERMINED BY STRUCTURAL ENGINEER, COAT ALL REINFORCEMENT WITH EPOXY COATING, PRIME CONCRETE SURFACES, AND REINSTATE CONCRETE USING A CONCRETE MIX THAT MATCHES OR IS COMPATIBLE WITH THE EXISTING CONCRETE MIX. FOLLOW RECOMMENDATIONS OF THE AMERICAN CONCRETE INSTITUTE FOR REPAIRS AND DETAILS DEVELOPED BY THE STRUCTURAL ENGINEERS. RECOAT NEW CONCRETE REPAIR TO MATCH EXISTING FINISHES.
- SPALLS NOT EXPOSING REINFORCEMENT, ARE TO BE REPAIRED BY PRIMING CONCRETE SURFACES AND REINSTATING CONCRETE REPAIR WITH PLASTER COATING AND PAINT WITH ELASTOMERIC COATING

1.4.2 - CONCRETE CRACKS: ROUTE OUT CRACKS LARGER THAN HAIRLINE IN CONCRETE TO ALLOW INSTALLATION OF SEALANT. REMOVE ANY LOOSE MATERIALS. INSTALL SEALANT. FOLLOW SEALANT MANUFACTURER 'S RECOMMENDATIONS FOR PRIMERS, AND SEALANT TYPE.
1.4.3 - DETERIORATED OR MISSING SEALANT: REMOVE FAILED SEALANT FROM JOINTS. CLEAN OUT JOINTS IN CONCRETE, REMOVING ANY LOOSE MATERIAL TO ALLOW INSTALLATION OF NEW SEALANT. INSTALL SEALANT. FOLLOW SEALANT MANUFACTURER FOR PRIMERS AND SEALANT TYPE.
1.4.4 - FAILED CONCRETE COATING: REMOVE AREAS OF FAILED COATINGS DOWN TO BARE CONCRETE. ABRADE SURFACES TO BE RECOATED AND APPLY NEW COATING TO MATCH EXISTING COATING FINISH.

1.5 – FENESTRATION ASSEMBLIES: (SEE DETAIL SHEETS A808)
1.5.1 - CRACKED GLAZING UNITS: CRACKED GLAZING UNITS SHOULD BE REMOVED AND REPLACED WITH NEW INSULATED UNITS MATCHING ADJACENT UNITS FOR COLOR, TRANSLUCENCY AND THERMAL CHARACTERISTICS.

1.5.2 - DETERIORATED AND MISSING SEALANT: REMOVE FAILED SEALANT FROM JOINTS. CLEAN OUT JOINTS IN WINDOW ASSEMBLIES, TO ALLOW INSTALLATION OF NEW SEALANT. INSTALL SEALANT FOLLOWING RECOMMENDATIONS OF SEALANT MANUFACTURER FOR PRIMERS, BACKER MATERIAL AND SEALANT TYPE.

1.5.3 - DETERIORATED AND DISLODGED GASKETS: REMOVE ANY DETERIORATED GASKETS FROM THE WINDOW FRAME AND REPLACE WITH NEW GASKET, SELECTED FOR COMPATIBILITY, SIZE AND DUROMETER TO FORM A COMPLETED SEAL OF THE GLAZING UNITS IN THE FRAMING. WET SEAL REPLACEMENT FOR GASKETS SHOULD NOT BE CONSIDERED. REINSTALL DISLODGED GASKETS IF THE GASKET MAINTAINS THE REQUIRED COMPRESSION UNDER THE COLDEST EXPERIENCED ENVIRONMENT. FOLLOW RECOMMENDATIONS OF GASKET AND WINDOW MANUFACTURER AND AMERICAN ARCHITECTURAL MANUFACTURERS ASSOCIATION (AAMA) FOR GASKET SELECTION, SUBSTRATE PREPARATION, AND INSTALLATION.

1.5.4 – DETERIORATED LOUVERS: REMOVE LOUVER AND REPLACE WITH NEW ALUM STORMPROOF LOUVER WITH SAME FREE AREA CAPACITY.

1.5.5 – DETERIORATED METAL SUNSHADES: REMOVE ALL LOOSE COATINGS FROM SUNSHADES AND DETERIORATED SEALANTS. PREPARE SURFACE TO RECEIVE NEW FINISH. PROTECT ALL SURFACES OF ADJACENT MATERIALS FROM NEW FINISH. APPLY 3 COAT PAINT SYSTEM TO METAL SUNSHADES. INSTALL NEW SEALANT TO JOINTS IN METAL SUNSHADES AND BETWEEN SUNSHADES AND ADJACENT CLADDING.

1.6 - MISCELLANEOUS:(SEE DETAIL SHEETS A809)

1.6.1 - ACTIVE MOISTURE LEAKS: HOSE TEST AREA WHERE ACTIVE MOISTURE LEAKS OCCUR TO DETERMINE THE SOURCE AND EXTENT OF MOISTURE INGRESS. REMOVE CLADDING MATERIALS, MAKE REPAIRS TO CLADDING MATERIAL AND REINSTATE MATERIAL. REPAIR DAMAGED FLASHINGS, MOISTURE BARRIERS AND/OR INTERNAL SEALS. REPLACE MATERIALS AS REQUIRED TO IMPLEMENT REPAIR. RETEST AREA OF LEAKS TO PROVE THE EFFICACY OF THE REPAIR.
USE REPAIR MATERIALS COMPATIBLE WITH ADJACENT MATERIALS TO AVOID FURTHER UNINTENDED DETERIORATION OF MOISTURE BARRIER SYSTEM. FOLLOW THE RECOMMENDATION OF THE CLADDING-SYSTEM 'S INDUSTRY ASSOCIATION STANDARDS AND RECOMMENDATIONS.

1.6.2 - ABANDONED ANCHORS: REMOVE ABANDONED ANCHORS FROM CLADDING AND REPAIR THE VOID LEFT BY THE ANCHOR, USING THE REPAIRS NOTED IN 1.2.5 IN TERRA COTTA PANELS AND UNITS FOR UNSEALED CUTS.

1.6.3 - METAL DECK TO TERRA COTTA TRANSITIONS: AT THE LOADING DOCK OF BUILDING 1, REPAIR TRANSITION BETWEEN METAL DECK TO TERRA COTTA CLADDING. REPAIR VOID BY INSTALLING AN INSULTING MATERIAL AND A PAINTED METAL TRANSITION COVER OVER THE INSULATION. SEAL ALL JOINTS IN THE TRANSITION COVER. FINISH OF TRANSITION COVER TO MATCH ADJACENT METAL DECK.

1.6.4 - DAMAGED CLAY TILES: REMOVE AND REPLACE DAMAGED CLAY TILES AT THE ARCADE ON THE SOUTH ELEVATION OF BUILDING 1, TILE SHALL MATCH EXISTING TILE, REGROUT JOINTS.

1.6.5 - EIFS WALL SEPARATION: WHERE EIFS WALL SYSTEM IS FAILING, REMOVE ENTIRE AREA OF EIFS WALL SYSTEM DOWN TO SUBSTRATE. INSPECT SUBSTRATE FOR DAMAGE AND PATCH AND REPAIR SUBSTRATE AS REQUIRED TO INSTALL NEW EIFS SYSTEM WITH INTEGRAL DRAINAGE LAYER, OVER NEW AIR BARRIER. USE INSULATION WITH A THICKNESS TO ALIGN FINISHED FACE OF EIFS SYSTEM WITH SURROUNDING TERRA COTTA PANELS. COLOR AND TEXTURE OF FINISHED EIFS SURFACE SELECTED TO MATCH SURROUNDING TERRA COTTA PANELS.

1.6.6 - CLEAN AND REPAIR METAL AWNING: CLEAN ALL SURFACES OF METAL AWNING TO RECEIVE NEW FINISH. REPAIR OR REPLACE METAL SECTIONS OF AWNING TO RESTORE AWNING TO ITS ORIGINAL SHAPE AND GEOMETRY. PAINT AWING, APPLYING PRIMER AND FINISH COATINGS. FINISH TO MATCH UNDERSIDE OF ADJACENT CANOPY.

1.6.7 - CLEAN & PAINT THE OUTSIDE OF THE ELEVATOR MACHINE ROOM PENTHOUSES: THOROUGHLY CLEAN EXTERIOR STUCCO SURFACE OF THE ELEVATOR MACHINE ROOM PENTHOUSE, REMOVING LOOSE OR PEELING FINISHES DOWN TO SOUND SUBSTRATE OR FULLY ADHERERED FINISHES. PAINT BY APPLY PRIMER AND FINISH COAT(S). FINISH TO MATCH EXISTING PENTHOUSE COLOR.

1.6.8 - CLEAN & PAINT METAL PANELS OF OPC LEVEL 1: CLEAN METAL PANEL ABOVE AND BELOW WINDOW. REMOVE ANY LOOSE PAINT. PAINT BY APPLY PRIMER AND FINISH COAT(S). COLOR AND GLOSS TO MATCH EXISTING METAL PANEL FINISH.

2. 0 - SCOPE 2 - BUILDING 1, OPC, OPC2 GLAZING: (SEE A810 SERIES)

2.1.1 REPLACE SINGLE-GLAZED WINDOWS AND STOREFRONT WITH DOUBLE GLAZING:

DEMOLITION: THIS SCOPE OF DEMOLITION WORK INCLUDES THE FOLLOWING: REMOVAL OF THE GLAZING UNITS, FRAMING STOPS IN THE STOREFRONT, AND WINDOW FRAMING. CLEAN AWAY ANY SEALANT AND GASKET MATERIAL FROM THE ALUMINUM FRAMES. REMOVE INTERIOR BLINDS. DISPOSE ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS.

TEMPORARY PROTECTION AND MEASURES: PROVIDE FOR PHASED CONSTRUCTION AND OUT OF HOURS WORK TO LIMIT DISRUPTION FOR THE MEDICAL CENTER 'S OPERATIONS. PROVIDE TEMPORARY PROTECTION TO MAINTAIN INTERIOR ENVIRONMENT AND INFECTION CONTROL (ICRA) AS WELL AS INSECT CONTROL, DURING CONSTRUCTION.

NEW WORK: REPLACE OR MODIFY EXISTING STOREFRONT AND WINDOW FRAMING TO ALLOW THE FRAMING TO RECEIVE THE NEW INSULATED GLAZING UNITS. REINFORCE ANCHORAGE IF REQUIRED TO ACCOMMODATE THE ADDITIONAL WEIGHT OF THE NEW GLAZING UNITS. FINISH OF THE ALUMINUM FRAMING SHALL MATCH THE EXISTING FRAMING.

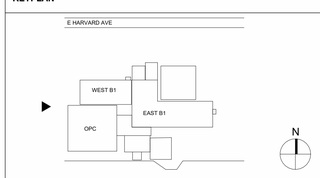
- FOR THE ARCADE STOREFRONT FENESTRATION OF BUILDING 1, NEW OR REFURBISHED FRAMING MEMBERS SHALL RECEIVE A POWDERED-COATED FINISH OR CLEAR ANODIZED FINISH.
- FOR THE OPC WINDOW FRAMES, A BRONZE ANODIZED FINISH OR POWDERED COATED FINISH SHALL BE USED.
- GLAZING UNITS FOR THE BUILDING 1 WILL BE CLEAR HIGH-PERFORMANCE INSULATED UNITS. THE NEW OPC INSULATED WINDOW GLAZING UNITS SHALL BE FABRICATED WITH A BRONZE TINTED OUTER LITE AND A CLEAR INNER LITE TO MATCH THE EXISTING GLAZING ON THE UPPER FLOORS OF THE OPC. PROVIDE BLAST FILM TO ALL NEW UNITS.
- IN BUILDING 1, THE LOWER GLAZING UNIT OF THE ARCADE STOREFRONT, THE BLAST FILM WILL HAVE A WHITE TRANSLUCENT TINT.
- PROVIDE FOR EITHER HORIZONTAL OR VERTICAL BLINDS AT ALL GLAZING OPENINGS TO MATCH EXISTING BLINDS.

2.1.2 - REPLACE EXISTING DOUBLE GLAZED WINDOWS: REPLACE WINDOWS WITH INTEGRAL BLINDS WITH NEW INSULATED GLAZING UNITS AND BLINDS TO MATCH EXISTING

MATERIALS LEGEND

GLAZING	TO BE DEMOED
SPANDREL PANELS	ENTIRE AREA OF GLAZING
SCUPPER	40 SF
TERRA COTTA	
ANCHOR BOLT	

KEYPLAN



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

Drawing Title: OVERALL SOUTH AND WEST ELEVATIONS	Phase: 100% NOT FOR CONSTRUCTION BID DOCUMENTS	Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	Project Number: 570-21-108
			Building Number: BLDG1 & OPC
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Drawing Number: A302
		Issue Date: 1-23-2026 / Checked: AR / Drawn: TL	

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Autodesk Docs://FRE2201 - Fresno Repair Exterior Finishes, Building 1 & Outpatient/FRE2201-A - VA Fresno Exterior.rvt
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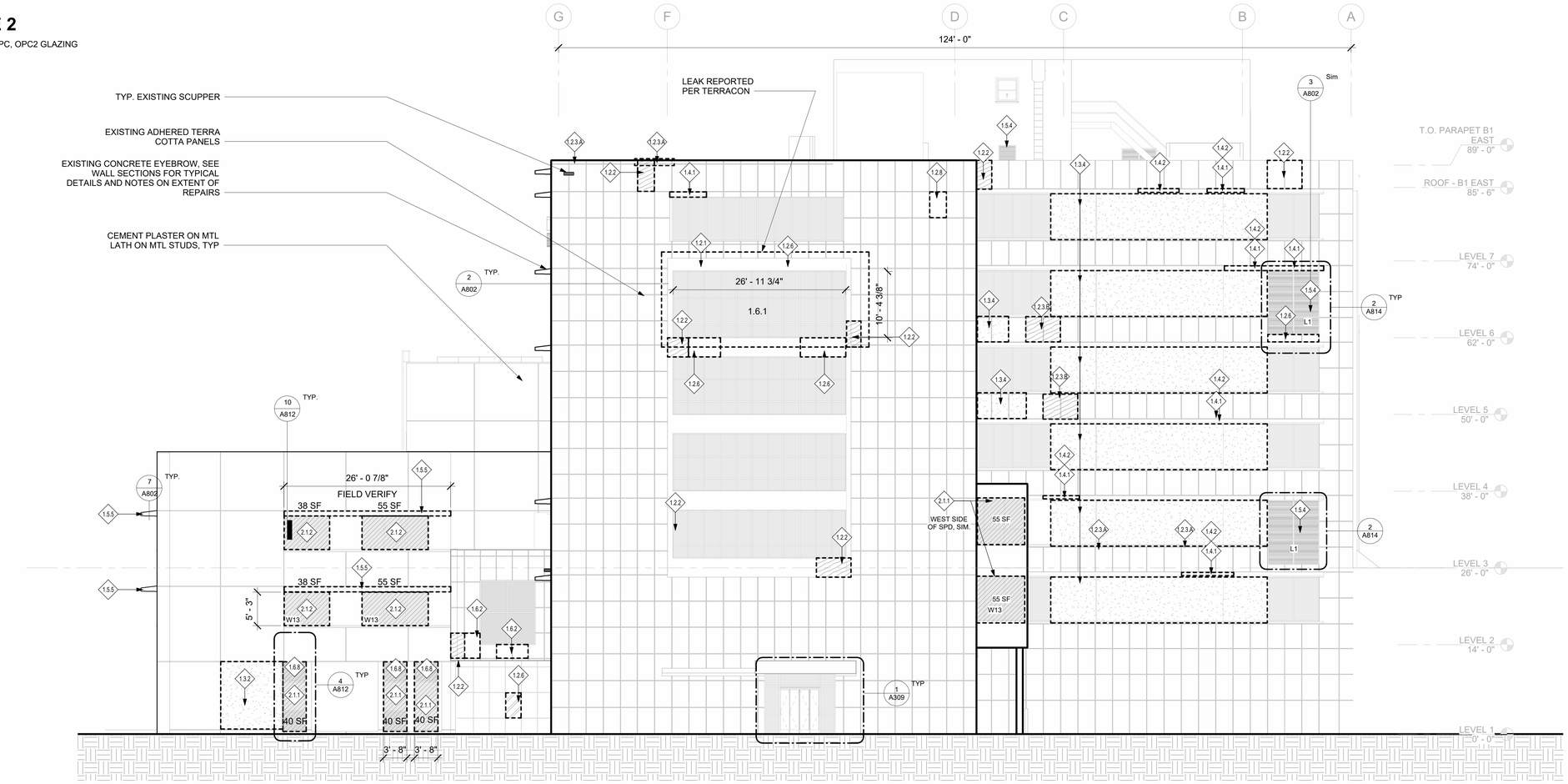
SCOPE 1
BUILDING 1 AND OPC ENVELOPE REPAIRS

SCOPE 5
REPAIR STOREFRONT NORTH, SOUTH & EAST DEMOLITION VESTIBULE BUILDING 1

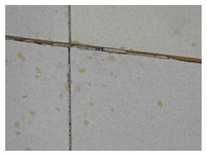
SCOPE 2
BUILDING 1, OPC, OPC2 GLAZING



1 ENLARGED EAST ELEVATION
SCALE: 1/8" = 1'-0"

SPALLED CONCRETE EYEBROWS, TYP.
REF. SCOPE OF WORK 1.4.1 & 1.4.2 ON SHEET G002

SPALLED CONCRETE EYEBROWS, TYP.
REF. SCOPE OF WORK 1.4.1 & 1.4.2 ON SHEET G002



DETERIORATED MORTAR JOINTS
REF. SCOPE OF WORK 1.2.7 ON SHEET G002

CRACKING AND DETERIORATED TERRA COTTA PANELS
REF. SCOPE OF WORK 1.2.1 & 1.2.2 & 1.2.3B ON SHEET G002

GENERAL NOTES:

1. REFER TO SHEET A802 FOR LOUVER DETAILS

KEYNOTES FOR REPAIR WORK

SEE SHEET G002 FOR MASTER LIST OF KEYNOTES AND DESCRIPTION OF REPAIR WORK

- 1.2.1 UNSOUND OR CRACKED TERRA COTTA UNITS & SIGNIFICANTLY CRACKED TERRA COTTA PANELS
- 1.2.2 TERRA COTTRA PANEL CRACKS
- 1.2.3.A TERRA COTTA SILL SPALL
- 1.2.3.B TERRA COTTA PANEL SPALL
- 1.2.6 EFFLORESCENCE STAINING & STAINING IN TERRA COTTA UNITS
- 1.2.8 EXTERIOR COATING DETERIORATION
- 1.3.2 STUCCO CRACKS
- 1.3.4 STAINS IN STUCCO CLADDING
- 1.4.1 CONCRETE SPALLS
- 1.4.2 CONCRETE CRACKS
- 1.5.4 DETERIORATED LOUVERS
- 1.5.5 DETERIORATED METAL SUNSHADES
- 1.6.2 ABANDONED ATTACHMENT ANCHORS
- 1.6.8 CLEAN & PAINT METAL PANELS OF OPC LEVEL 1
- 2.1.1 REPLACE SINGLE-GLAZED WINDOWS AND STOREFRONT WITH DOUBLE GLAZING
- 2.1.2 REPLACE EXISTING DOUBLE GLAZED WINDOWS

MATERIALS LEGEND

- GLAZING
- SPANDREL PANELS
- SCUPPER
- TERRA COTTA
- ANCHOR BOLT
- TO BE DEMOED
- ENTIRE AREA OF GLAZING (40 SF)

KEYPLAN

Revisions:	Date:

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VA U.S. Department of Veterans Affairs

Drawing Title	ENLARGED EAST ELEVATION
Phase	100% NOT FOR CONSTRUCTION BID DOCUMENTS
Project Title	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC
Project Number	570-21-108
Building Number	BLDG1 & OPC
Approved: Project Director	
	FULLY SPRINKLERED
Location	2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223
Issue Date	1-23-2026
Checked	AR
Drawn	TL
Drawing Number	A303

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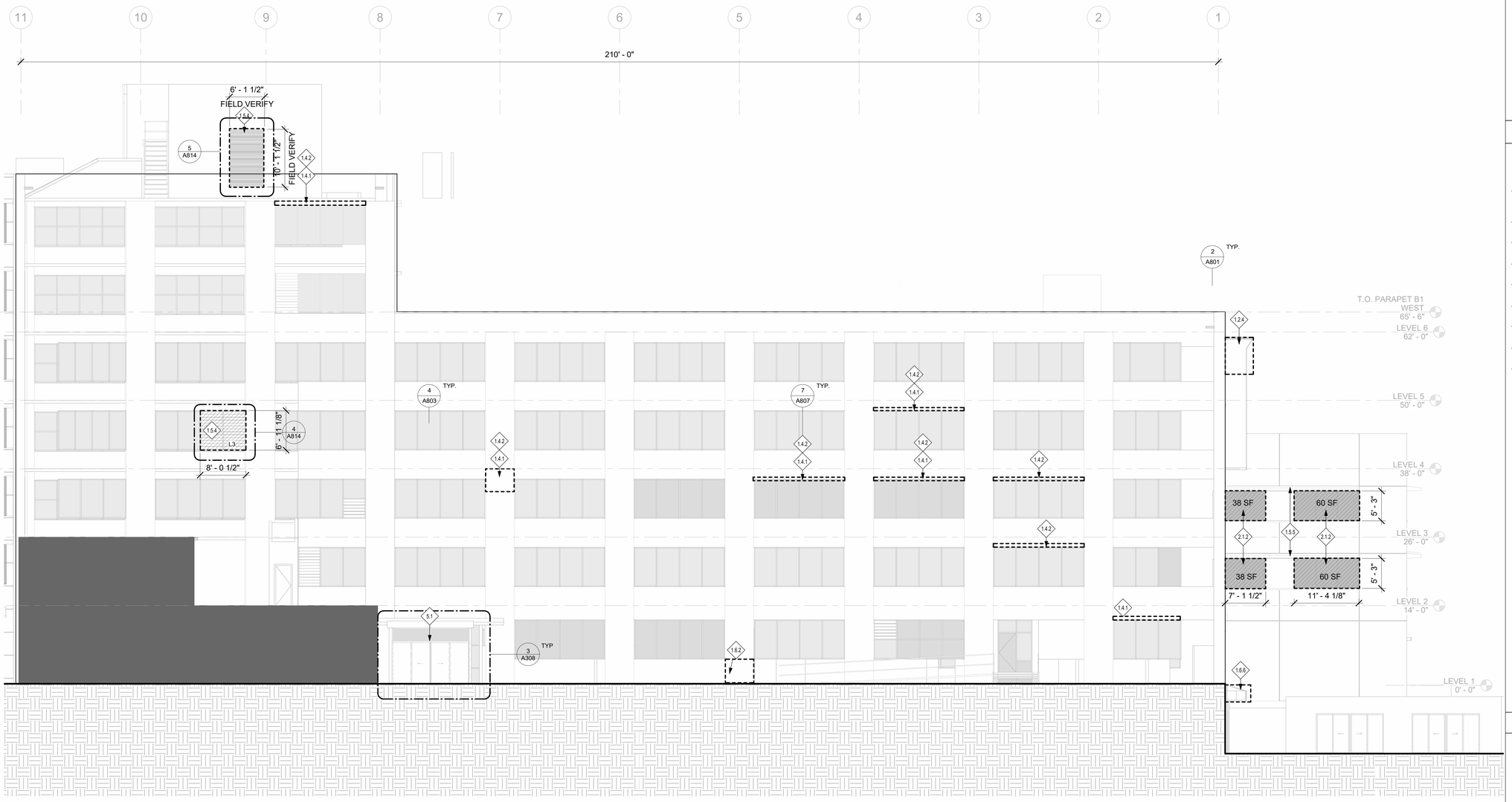
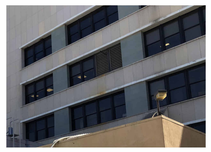
SCOPE 1
BUILDING 1 AND OPC ENVELOPE REPAIRS

SCOPE 2
BUILDING 1, OPC, OPC2 GLAZING

SCOPE 5
REPAIR STOREFRONT NORTH, SOUTH & EAST DEMOLITION VESTIBULE BUILDING 1



1 ENLARGED PARTIAL NORTH ELEVATION
SCALE: 1/8" = 1'-0"



FACADE STAINING FROM LOUVER. NOTE THE PIPE PENETRATION
REF. SCOPE OF WORK 1.2.6 ON SHEET G002

TYP. CRACKING (ARROW) AT STUCCO CLADDING.
REF. SCOPE OF WORK 1.3.2 ON SHEET G002

TYP. SCUPPER AT LEVEL 4 ROOF ABOVE SPD.

TYP. HAIRLINE CRACKING (ARROWS) AT STUCCO CLADDING.
REF. SCOPE OF WORK 1.3.2 ON SHEET G002

GENERAL NOTES:

1. REFER TO SHEET A802 FOR LOUVER DETAILS

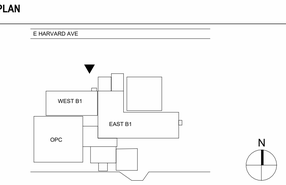
KEYNOTES FOR REPAIR WORK

- 1.2.4 LOOSE, DETERIORATED & MISSING MORTAR JOINTS
- 1.4.1 CONCRETE SPALLS
- 1.4.2 CONCRETE CRACKS
- 1.5.4 DETERIORATED LOUVERS
- 1.5.5 DETERIORATED METAL SUNSHADES
- 1.6.2 ABANDONED ATTACHMENT ANCHORS
- 1.6.6 CLEAN AND REPAIR METAL AWNING
- 2.1.2 REPLACE EXISTING DOUBLE GLAZED WINDOWS
- 5.1 REPLACE EXISTING NORTH VESTIBULE SLIDING DOOR WITH NEW

MATERIALS LEGEND

- GLAZING
- SPANDREL PANELS
- SCUPPER
- TERRA COTTA
- ANCHOR BOLT
- TO BE DEMOED
- ENTIRE AREA OF GLAZING (40 SF)

KEYPLAN



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

Drawing Title	ENLARGED NORTH ELEVATION
Phase	100% NOT FOR CONSTRUCTION BID DOCUMENTS
Approved: Project Director	
	FULLY SPRINKLERED
Project Title	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC
Project Number	570-21-108
Building Number	
Location	2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223
Issue Date	1-23-2026
Checked	AR
Drawn	TL
Drawing Number	A304

VA FORM 08 - 6231

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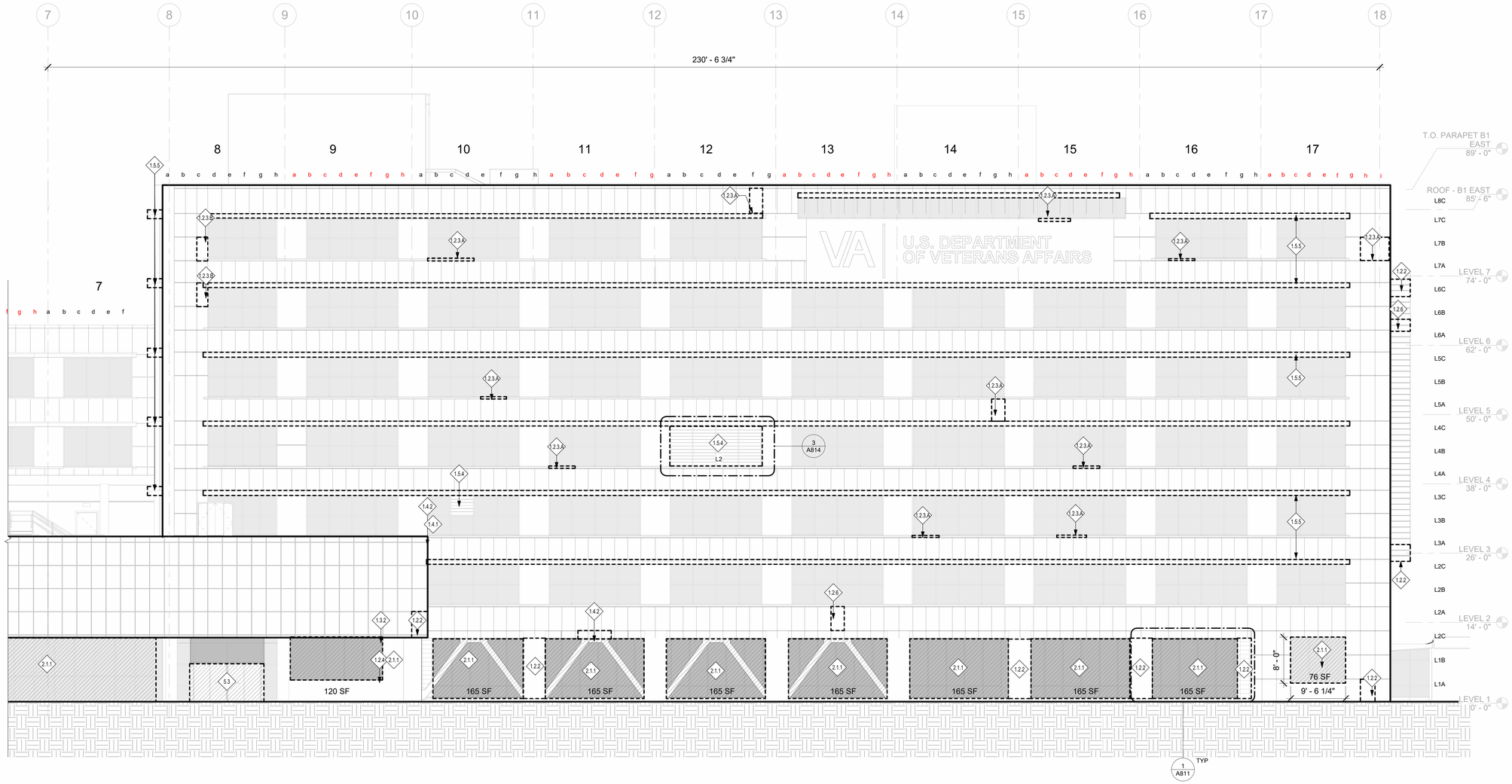
SCOPE 1
BUILDING 1 AND OPC ENVELOPE REPAIRS

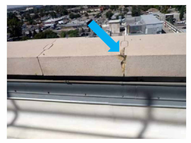
SCOPE 2
BUILDING 1, OPC, OPC2 GLAZING

SCOPE 5
REPAIR STOREFRONT NORTH, SOUTH & EAST DEMOLITION VESTIBULE BUILDING 1

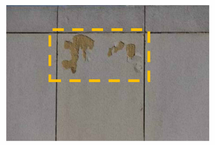


1 ENLARGED PARTIAL SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

TYP. CRACK (ARROW) IN TERRA COTTA UNIT AT SCUPPER.
REF. SCOPE OF WORK 1.2.2 ON SHEET G002



TYP. UNSOUND TERRA COTTA COPING UNIT. NOTE THE SPALL (ARROW).
REF. SCOPE OF WORK 1.2.3.C ON SHEET G002



TYP. GLAZING SPALLS (DASH) AT TERRA COTTA CLADDING.
REF. SCOPE OF WORK 1.2.3.B ON SHEET G002

SEALANT INSTALLED AT MORTAR JOINT (ARROW).
REF. SCOPE OF WORK 1.2.4 ON SHEET G002

GENERAL NOTES:

1. REFER TO SHEET A802 FOR LOUVER DETAILS

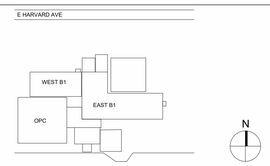
KEYNOTES FOR REPAIR WORK

- 1.2.2 TERRA COTTRA PANEL CRACKS
- 1.2.3.A TERRA COTTA SILL SPALL
- 1.2.3.B TERRA COTTA PANEL SPALL
- 1.2.4 LOOSE, DETERIORATED & MISSING MORTAR JOINTS
- 1.2.6 EFFLORESCENCE STAINING & STAINING IN TERRA COTTA UNITS
- 1.3.2 STUCCO CRACKS
- 1.4.1 CONCRETE SPALLS
- 1.4.2 CONCRETE CRACKS
- 1.5.4 DETERIORATED LOUVERS
- 1.5.5 DETERIORATED METAL SUNSHADES
- 2.1.1 REPLACE SINGLE-GLAZED WINDOWS AND STOREFRONT WITH DOUBLE GLAZING
- 5.3 REPLACE EXISTING SOUTH VESTIBULE SLIDING DOOR WITH NEW

MATERIALS LEGEND

- GLAZING
- SPANDREL PANELS
- SCUPPER
- TERRA COTTA
- ANCHOR BOLT
- TO BE DEMOED
- ENTIRE AREA OF GLAZING (40 SF)

KEYPLAN



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U.S. Department of Veterans Affairs

Drawing Title: ENLARGED PARTIAL SOUTH ELEVATION

Approved: Project Director

Phase: 100% NOT FOR CONSTRUCTION BID DOCUMENTS

FULLY SPRINKLERED

Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC

Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223

Issue Date: 1-23-2026 | Checked: AR | Drawn: TL

Project Number: 570-21-108

Building Number:

Drawing Number: A305

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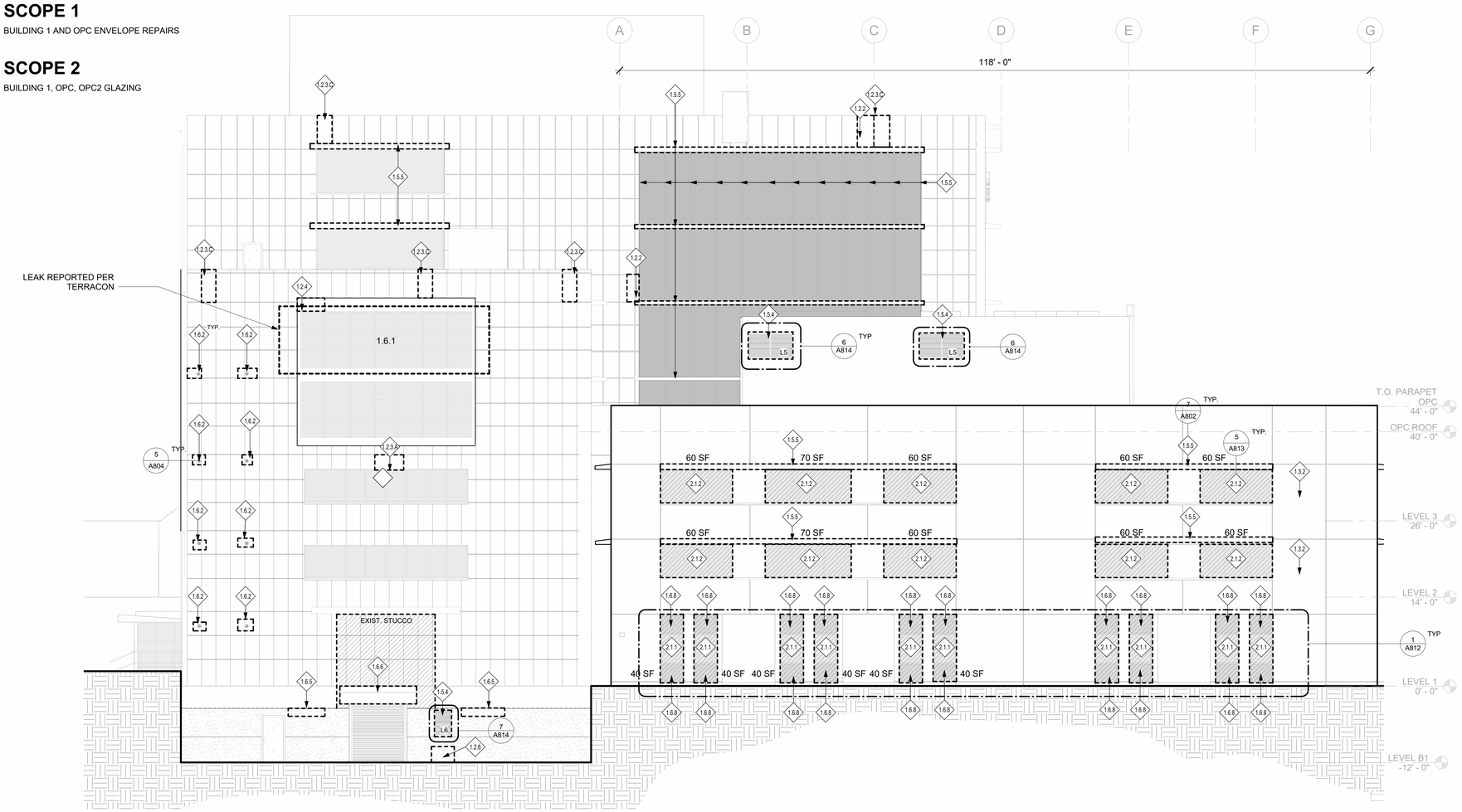
SCOPE 1

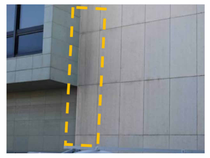
BUILDING 1 AND OPC ENVELOPE REPAIRS

SCOPE 2

BUILDING 1, OPC, OPC2 GLAZING



1 ENLARGED WEST ELEVATION
SCALE: 1/8" = 1'-0"



TYP. STAINING (DASH) ON TERRA COTTA CLADDING.
REF. SCOPE OF WORK 1.2.6 ON SHEET G002

EFFLORESCENCE STAINING (ARROWS) AT TERRA COTTA CLADDING. NOTE GLAZING SPALLS (DASH) ABOVE STAINING.
REF. SCOPE OF WORK 1.2.6 ON SHEET G002

TYP. CRACK (ARROW) IN TERRA COTTA UNIT.
REF. SCOPE OF WORK 1.2.2 ON SHEET G002

TYP. MISSING SEALANT (ARROW) AT TERRA COTTA CLADDING PENETRATION.
REF. SCOPE OF WORK 1.2.7 ON SHEET G002

GENERAL NOTES:

1. REFER TO SHEET A802 FOR LOUVER DETAILS

KEYNOTES FOR REPAIR WORK

- 1.2.2 TERRA COTTRA PANEL CRACKS
- 1.2.3.A TERRA COTTA SILL SPALL
- 1.2.3.C TERRA COTTA COPING STONE SPALL
- 1.2.4 LOOSE, DETERIORATED & MISSING MORTAR JOINTS
- 1.2.6 EFFLORESCENCE STAINING & STAINING IN TERRA COTTA UNITS
- 1.3.2 STUCCO CRACKS
- 1.5.4 DETERIORATED LOUVERS
- 1.5.5 DETERIORATED METAL SUNSHADES
- 1.6.2 ABANDONED ATTACHMENT ANCHORS
- 1.6.5 EIFS WALL SEPARATION
- 1.6.6 CLEAN AND REPAIR METAL AWNING
- 1.6.8 CLEAN & PAINT METAL PANELS OF OPC LEVEL 1
- 2.1.1 REPLACE SINGLE-GLAZED WINDOWS AND STOREFRONT WITH DOUBLE GLAZING
- 2.1.2 REPLACE EXISTING DOUBLE GLAZED WINDOWS

MATERIALS LEGEND

- GLAZING
- SPANDREL PANELS
- SCUPPER
- TERRA COTTA
- ANCHOR BOLT
- TO BE DEMOED
- ENTIRE AREA OF GLAZING (40 SF)

KEYPLAN

Revisions:	Date:

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STAMP: AARON RUMPLER LICENSED 6510 KANSAS ARCHITECT 1-23-2026

Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	ENLARGED WEST ELEVATION
Approved: Project Director	
Phase	100% NOT FOR CONSTRUCTION BID DOCUMENTS
FULLY SPRINKLERED	
Project Title	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC
Location	2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223
Issue Date	1-23-2026
Checked	AR
Drawn	TL
Project Number	570-21-108
Building Number	BLDG1 & OPC
Drawing Number	A306

VA FORM 08 - 6231

Autodesk Docs://FRE2201 - Fresno Repair Exterior Finishes, Building 1 & Outpatient/FRE2201-A - VA Fresno Exterior.rvt

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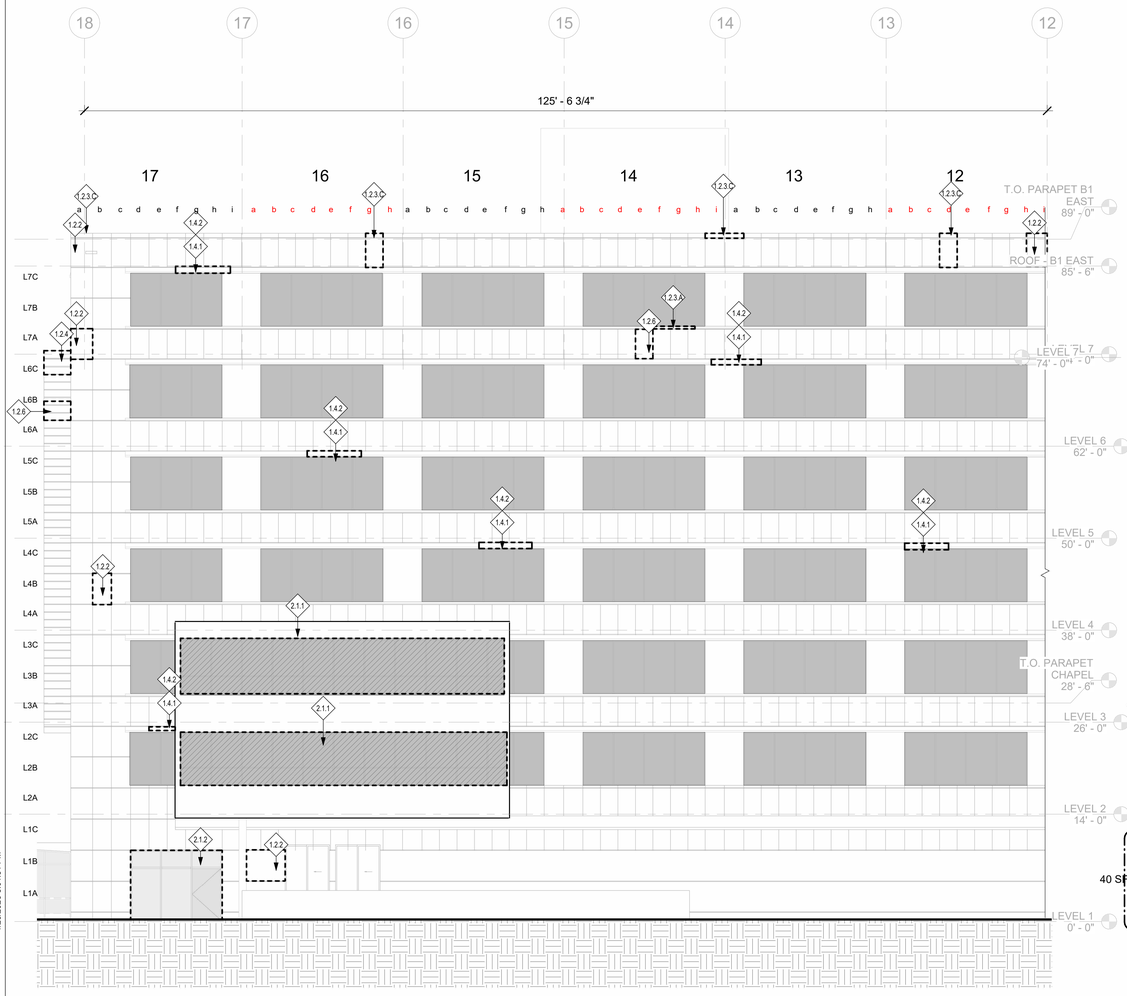
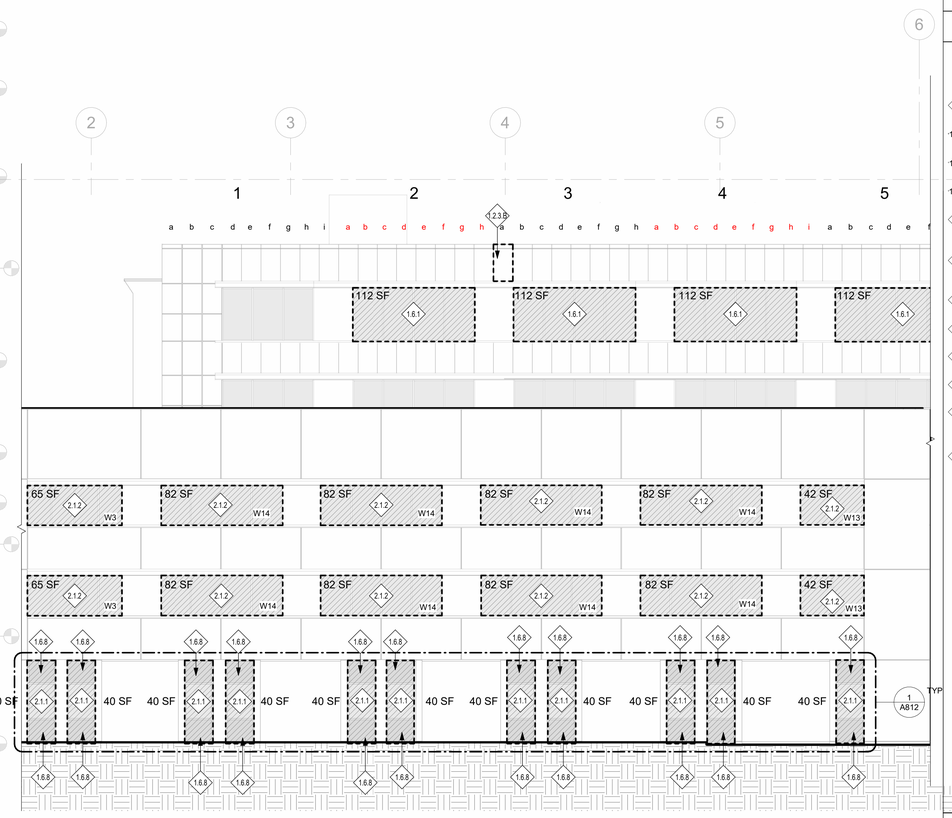
SCOPE 1
BUILDING 1 AND OPC ENVELOPE REPAIRS

SCOPE 2
BUILDING 1, OPC, OPC2 GLAZING



1 ENLARGED PARTIAL NORTH ELEVATION 2
SCALE: 1/8" = 1'-0"



2 ENLARGED PARTIAL SOUTH ELEVATION 2
SCALE: 1/8" = 1'-0"

EXPOSED SPRAY FOAM INSULATION (DASH) AT TRANSITION FROM TERRA COTTA CLADDING TO WINDOW PROTUSION ON NORTH FACADE OF SIM. TO SCOPE OF WORK REF. IN 1.6.3 ON SHEET G002

TYP. CRACKS AT CONCRETE LINTEL. REF. SCOPE OF WORK 1.4.2 ON SHEET G002

TYP. CRACKS AT CONCRETE WINDOWSILL. REF. SCOPE OF WORK 1.4.2 ON SHEET G002

GENERAL NOTES:

1. REFER TO SHEET A802 FOR LOUVER DETAILS

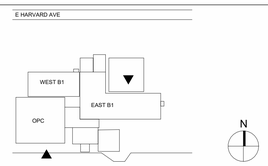
KEYNOTES FOR REPAIR WORK

- 1.2.2 TERRA COTTRA PANEL CRACKS
- 1.2.3.A TERRA COTTA SILL SPALL
- 1.2.3.B TERRA COTTA PANEL SPALL
- 1.2.3.C TERRA COTTA COPING STONE SPALL
- 1.2.4 LOOSE, DETERIORATED & MISSING MORTAR JOINTS
- 1.2.6 EFFLORESCENCE STAINING & STAINING IN TERRA COTTA UNITS
- 1.4.1 CONCRETE SPALLS
- 1.4.2 CONCRETE CRACKS
- 1.6.1 ACTIVE MOISTURE LEAKS
- 1.6.8 CLEAN & PAINT METAL PANELS OF OPC LEVEL 1
- 2.1.1 REPLACE SINGLE-GLAZED WINDOWS AND STOREFRONT WITH DOUBLE GLAZING
- 2.1.2 REPLACE EXISTING DOUBLE GLAZED WINDOWS

MATERIALS LEGEND

- GLAZING
- SPANDREL PANELS
- SCUPPER
- TERRA COTTA
- ANCHOR BOLT
- TO BE DEMOED
- ENTIRE AREA OF GLAZING (40 SF)

KEYPLAN



Revisions:	Date:

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AARON RUMPLE LICENSE 6510 KANSAS ARCHITECT 1-23-2026

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

Drawing Title: ENLARGED PARTIAL NORTH AND SOUTH ELEVATIONS	Phase: 100% NOT FOR CONSTRUCTION BID DOCUMENTS	Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	Project Number: 570-21-108
			Building Number: BLDG1 & OPC
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Drawing Number: A307
		Issue Date: 1-23-2026 / Checked: AR / Drawn: TL	

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Autodesk Docs://FRE2201 - Fresno Repair Exterior Finishes, Building 1 & Outpatient/FRE2201-A - VA Fresno Exterior.rvt
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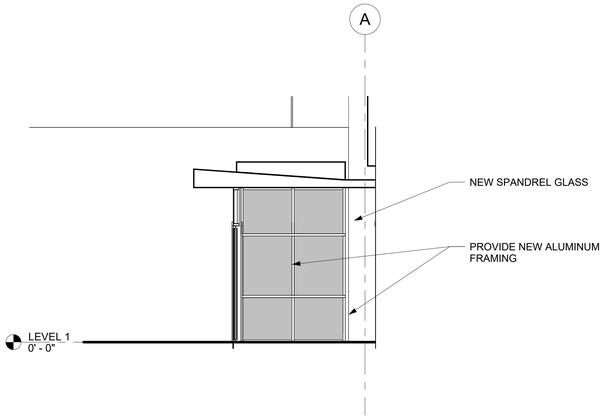
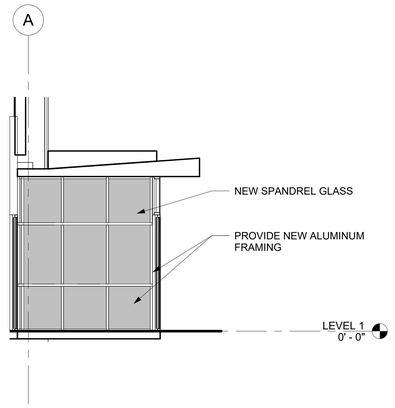
SCOPE 5.1

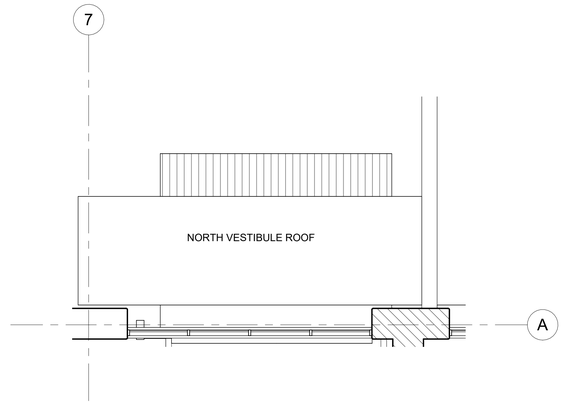
NORTH VESTIBULE



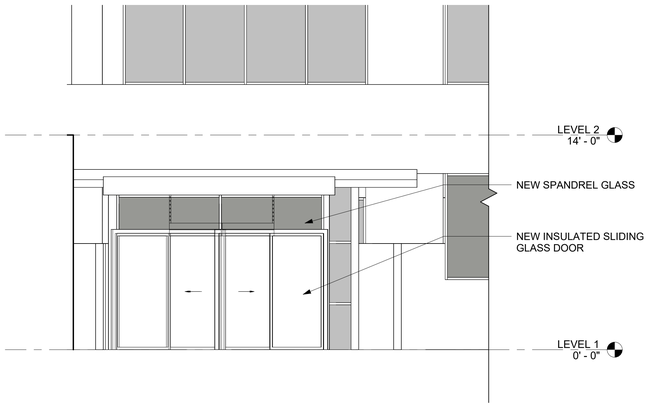
6 NEW - NORTH VESTTIBULE - EAST ELEVATION
SCALE: 1/4" = 1'-0"



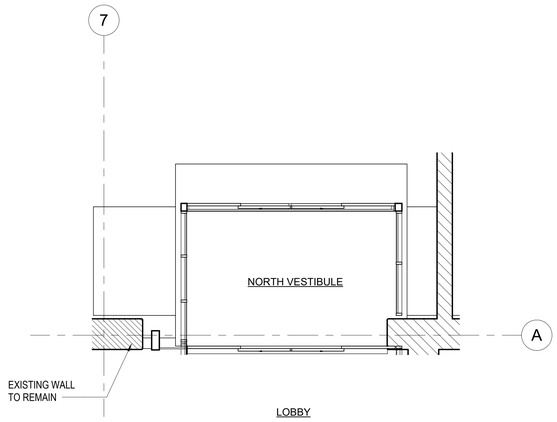
5 NEW - NORTH VESTIBULE - WEST ELEVATION
SCALE: 1/4" = 1'-0"



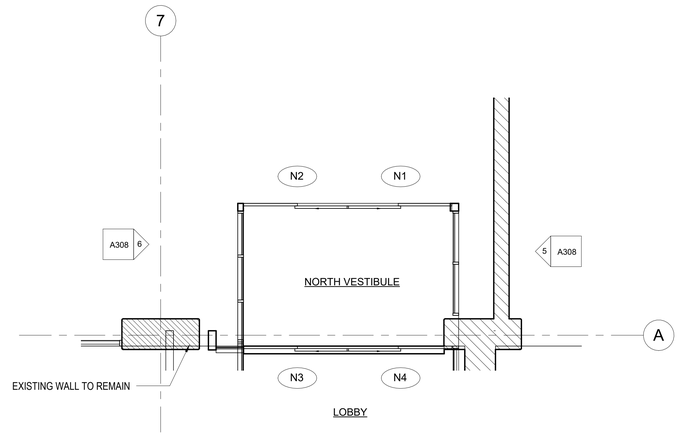
4 NEW - NORTH VESTIBULE ROOF PLAN
SCALE: 1/4" = 1'-0"



3 NEW - ENLARGED NORTH VESTIBULE ELEVATION
SCALE: 1/4" = 1'-0"



2 NEW - VESTIBULE RCP
SCALE: 1/4" = 1'-0"



1 NEW - NORTH VESTIBULE FLOOR PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE VA COR FOR PHASING OF EACH VESTIBULE CONSTRUCTION TO ENSURE FACILITY SCHEDULE AND TO MAINTAIN AT LEAST TWO OPERATIONAL VESTIBULES FOR THE BUILDING EGRESS. EACH VESTIBULE SHALL BE COMPLETED AND OPERATIONAL BEFORE THE NEXT VESTIBULE TO BE IN CONSTRUCTION. THE GC SHALL MAINTAIN CONSTRUCTION FENCE AROUND THE EXTERIOR OF THE VESITBULE FOR SAFETY AT ALL TIMES DURING CONSTRUCTION.
2. REFER TO DRAWINGS G002 FOR DESCRIPTION OF THE SCOPE OF WORK.
3. CONTRACTOR TO FIELD VERIFY ROUGH OPENINGS PRIOR TO DEMOLITION AND CONSTRUCTION OF VESTIBULES.
4. REFER TO MECHANICAL DRAWING "H" SERIES FOR AIR CURTAINS LOCATION TO BE REMOVED AND RE-INSTALLED.
5. ALL GLAZING SHALL BE LAMINATED GLAZING. SHALL BE DOUBLE PANE. EXTERIOR PANELS SHALL BE NON-LAMINATED GLASS. INTERIOR PANELS SHALL BE LAMINATED GLASS. REFER SPECS FOR BLAST RESISTANT WINDOWS. NEW GLAZING PANEL.
6. GLAZING BLAST RESISTANT RATING: LOW

SCOPE DESCRIPTION

5.0 - SCOPE 5 - REPAIR STOREFRONT NORTH, SOUTH & EAST DEMOLITION VESTIBULE BUILDING 1: (SEE AD308, AD309, AD310, A308, A309, A310& A810 SERIES). THE GENERAL CONCTRACTOR SHALL COORDINATE WITH THE VA COR FOR PHASING OF EACH VESTIBULE CONSTRUCTION TO MAINTAIN AT LEAST TWO OPERATIONAL VESTIBULES FOR THE BUILDING EGRESS.

5.1 - NORTH VESTIBULE: DEMOLITION: FOR THIS SCOPE OF WORK DEMOLITION INCLUDES THE FOLLOWING: REMOVE ATTACHED AIR CURTAIN, SECURITY DEVICES; DOOR DEVICES FROM THE EXISTING EXTERIOR ENCLOSURE, REMOVE EXISTING OUTER SLIDING DOOR; PARTIALLY DEMOLISH THE EXISTING CEILING AROUND EXTERIOR PERIMETER TO ALLOW FOR THE INSTALLATION OF NEW EXTERIOR ENCLOSURE; REMOVE EXTERIOR GLAZING UNITS. REMOVE PORTIONS OF THE CANOPY METAL ROOF DOWN TO STRUCTURAL MEMBERS. SALVAGE AIR CURTAINS AND SECURITY DEVICES FOR REUSE. DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS.

TEMPORARY PROTECTION AND MEASURES: MAINTAIN INTERIOR WALLS AND INTERIOR SLIDING GLASS DOORS OF THE VESTIBULE. PROVIDE FOR PHASED CONSTRUCTION OF ENTRANCE VESTIBULE TO ALWAYS MAINTAIN SAFE EGRESS PATHS FROM THE BUILDING. PROVIDE TEMPORARY ENCLOSURES FOR THE EGRESS PATHS, INFECTION CONTROL (ICRA), INSECT CONTROLS, LIGHTING, AND SIGNAGE DURING CONSTRUCTION. MAINTAIN ALL FIRE PROTECTION AND FIRE ALARM DEVICES.

NEW WORK: REPLACE OR MODIFY EXISTING FRAMING BY INSTALLING PARTIAL MULLIONS, GLAZING STOPS OR REPLACEMENT OF EXISTING ALUMINUM FRAMES TO RECEIVE NEW INSULATED GLAZING UNITS. NEW ALUMINUM FRAMING SHALL HAVE A CLEAR ANODIZED FINISH. FOR VISION AREAS OF GLAZING, PROVIDE CLEAR HIGH-PERFORMANCE INSULATED GLAZING UNITS. PROVIDE OPACIFIED FRITTED GLASS SPANDREL UNITS AT NON-VISION AREAS. INSTALL INSULATION BEHIND SPANDREL GLASS. REBUILD/REPAIR PERIMETER GYPSUM WALLBOARD SOFFIT AND INSTALL NEW ACOUSTICAL CEILING IN VESTIBULE CEILING. PROVIDE NEW AUTOMATIC INSULATED-GLASS SLIDING DOORS, WITH MOTION DETECTION SENSOR. REINSTALL SECURITY DEVICES AND AIR CURTAIN.

MATERIALS LEGEND

- GLAZING
- SPANDREL PANELS
- SCUPPER
- TERRA COTTA
- ANCHOR BOLT
- TO BE DEMOED
- ENTIRE AREA OF GLAZING — 40 SF

KEYPLAN

Revisions:	Date:

CONSULTANT

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VA U.S. Department of Veterans Affairs

Drawing Title	NEW-ENLARGED NORTH VESTIBULE PLANS & ELEV.
Phase	100% NOT FOR CONSTRUCTION BID DOCUMENTS
Approved: Project Director	
	FULLY SPRINKLERED
Project Title	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC
Project Number	570-21-108
Building Number	
Location	2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223
Drawing Number	A308
Issue Date	1-23-2026
Checked	AR
Drawn	TL

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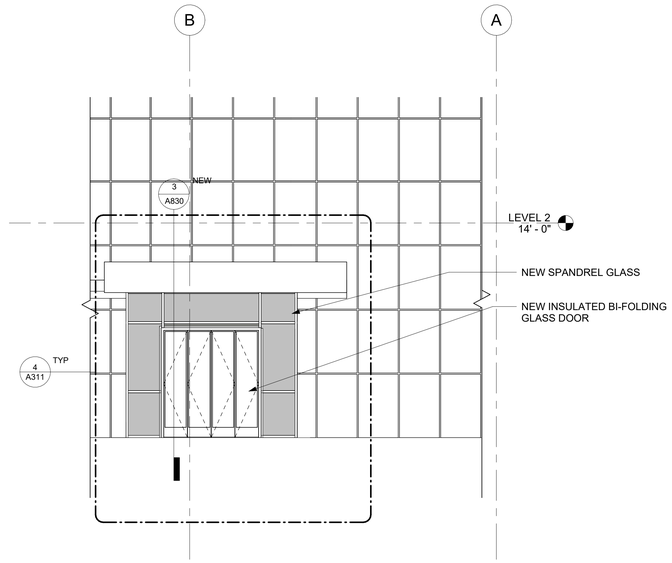
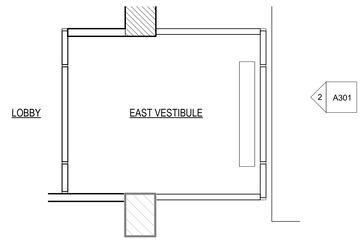
SCOPE 5.2

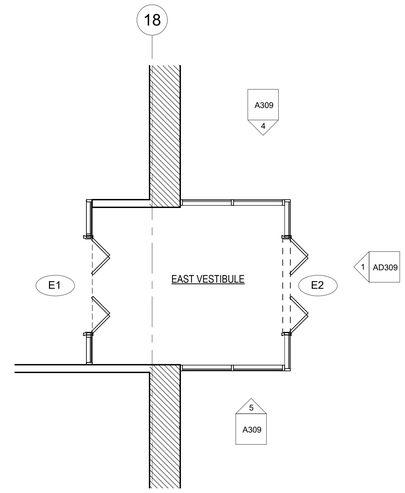
EAST VESTIBULE



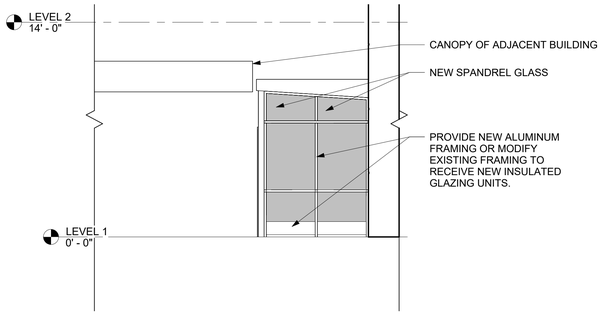
1 NEW - ENLARGED EAST VESTIBULE ELEVATION
SCALE: 1/4" = 1'-0"



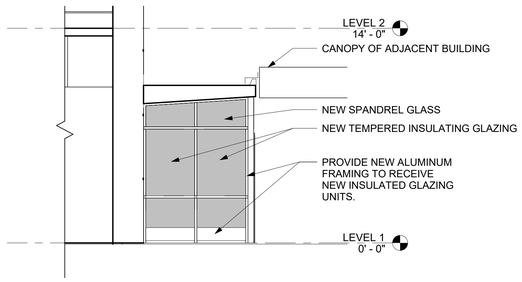
2 NEW - EAST VESTIBULE RCP
SCALE: 1/4" = 1'-0"



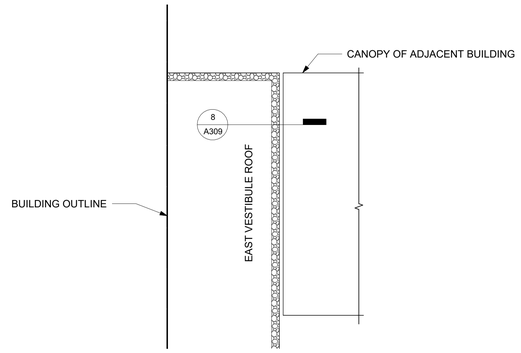
3 NEW - EAST VESTIBULE FLOOR PLAN
SCALE: 1/4" = 1'-0"



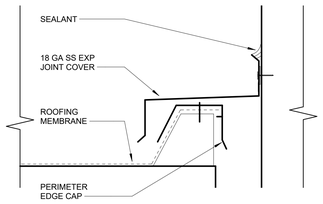
4 NEW - EAST VESTIBULE - NORTH ELEVATION
SCALE: 1/4" = 1'-0"



5 NEW - EAST VESTIBULE - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



6 NEW - EAST VESTIBULE ROOF PLAN
SCALE: 1/4" = 1'-0"



8 EXPANSION JOINT ENLARGED
SCALE: 3" = 1'-0"

GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE VA COR FOR PHASING OF EACH VESTIBULE CONSTRUCTION TO ENSURE FACILITY SCHEDULE AND TO MAINTAIN AT LEAST TWO OPERATIONAL VESTIBULES FOR THE BUILDING EGRESS. EACH VESTIBULE SHALL BE COMPLETED AND OPERATIONAL BEFORE THE NEXT VESTIBULE TO BE IN CONSTRUCTION. THE GC SHALL MAINTAIN CONSTRUCTION FENCE AROUND THE EXTERIOR OF THE VESITBULE FOR SAFETY AT ALL TIMES DURING CONSTRUCTION.
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3. CONTRACTOR TO FIELD VERIFY ROUGH OPENINGS PRIOR TO DEMOLITION AND CONSTRUCTION OF VESTIBULES.
4. REFER TO MECHANICAL DRAWING "H" SERIES FOR AIR CURTAINS LOCATION TO BE REMOVED AND RE-INSTALLED.
5. ALL GLAZING SHALL BE LAMINATED GLAZING. SHALL BE DOUBLE PANE. EXTERIOR PANELS SHALL BE NON-LAMINATED GLASS. INTERIOR PANELS SHALL BE LAMINATED GLASS. REFER SPECS FOR BLAST RESISTANT WINDOWS. NEW GLAZING PANEL.
6. GLAZING BLAST RESISTANT RATING: LOW

SCOPE DESCRIPTION

5.0 - SCOPE 5 - REPAIR STOREFRONT NORTH, SOUTH & EAST DEMOLITION VESTIBULE BUILDING 1: (SEE AD308, AD309, AD310, A308, A309, A310& A810 SERIES). THE GENERAL CONCTRACTOR SHALL COORDINATE WITH THE VA COR FOR PHASING OF EACH VESTIBULE CONSTRUCTION TO MAINTAIN AT LEAST TWO OPERATIONAL VESTIBULES FOR THE BUILDING EGRESS.

5.2 - EAST VESTIBULE: FOLLOW SCOPE OF WORK OUTLINED ABOVE FOR NORTH VESTIBULE, EXCEPT TO REPLACE EXISTING BI-FOLDING DOORS WITH NEW INSULATED GLAZING AUTOMATIC GLASS.

5.2.1 - REPAIR FLASHING BETWEEN CANOPY AND VESTIBULE ROOF: REMOVE EXISTING FLASHING, SALVAGING EXISTING SECTIONS TO RESET. REPLACE ANY SECTION CURRENTLY DAMAGED OR DAMAGED DURING REMOVAL WITH NEW METAL SECTIONS. RESET FLASHING (EXPANSION JOINT COVER), ENSURING PROPER SEALED OVERLAP OF SECTIONS AND SEAL FLASHING TO SUBSTRATES WITH PROPER EMBEDMENT IN COMPATIBLE SEALANT.

MATERIALS LEGEND

- GLAZING
- SPANDREL PANELS
- SCUPPER
- TERRA COTTA
- ANCHOR BOLT
- TO BE DEMOED
- ENTIRE AREA OF GLAZING (40 SF)

KEYPLAN

Revisions:	Date:
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VA U.S. Department of Veterans Affairs

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Approved: Project Director	
Phase	100% NOT FOR CONSTRUCTION BID DOCUMENTS
	FULLY SPRINKLERED
Project Title	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC
Location	2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223
Issue Date	1-23-2026
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Drawing Number	A309

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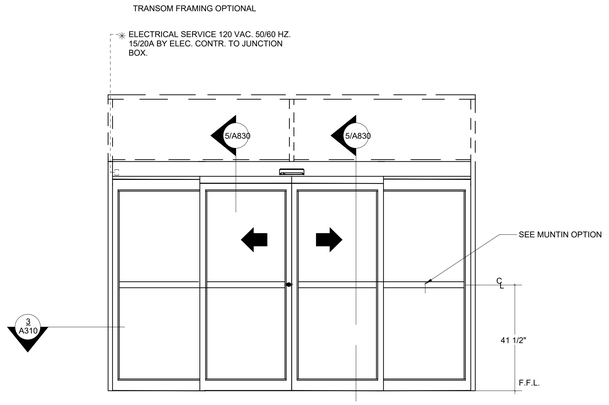
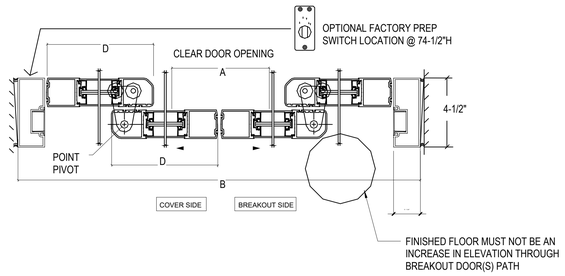
SCOPE 5.3

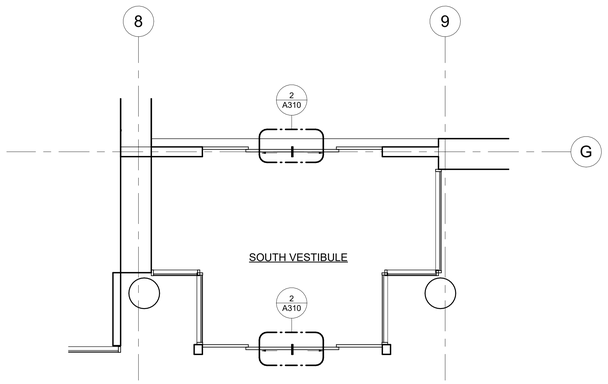
SOUTH VESTIBULE DOORS



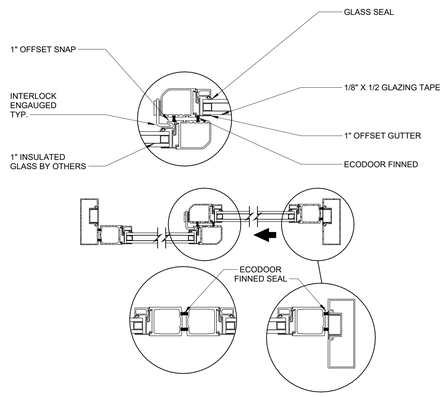
4 ELEVATION
SCALE: 1/2" = 1'-0"



2 DETAILS
SCALE: 3" = 1'-0"



6 NEW - SOUTH VESTIBULE FLOOR PLAN
SCALE: 1/4" = 1'-0"



BI-PART PACKAGE

3 DETAILS
SCALE: 3" = 1'-0"

GENERAL NOTES:

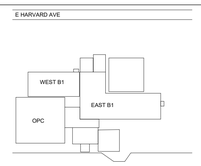
1. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE VA COR FOR PHASING OF EACH VESTIBULE CONSTRUCTION TO ENSURE FACILITY SCHEDULE AND TO MAINTAIN AT LEAST TWO OPERATIONAL VESTIBULES FOR THE BUILDING EGRESS. EACH VESTIBULE SHALL BE COMPLETED AND OPERATIONAL BEFORE THE NEXT VESTIBULE TO BE IN CONSTRUCTION. THE GC SHALL MAINTAIN CONSTRUCTION FENCE AROUND THE EXTERIOR OF THE VESITBULE FOR SAFETY AT ALL TIMES DURING CONSTRUCTION.
2. REFER TO DRAWINGS G002 FOR DESCRIPTION OF THE SCOPE OF WORK.
3. CONTRACTOR TO FIELD VERIFY ROUGH OPENINGS PRIOR TO DEMOLITION AND CONSTRUCTION OF VESTIBULES.
4. REFER TO MECHANICAL DRAWING "H" SERIES FOR AIR CURTAINS LOCATION TO BE REMOVED AND RE-INSTALLED.
5. ALL GLAZING SHALL BE LAMINATED GLAZING. SHALL BE DOUBLE PANE. EXTERIOR PANELS SHALL BE NON-LAMINATED GLASS. INTERIOR PANELS SHALL BE LAMINATED GLASS. REFER SPECS FOR BLAST RESISTANT WINDOWS. NEW GLAZING PANEL.
6. GLAZING BLAST RESISTANT RATING: LOW

SCOPE DESCRIPTION

5.0 - SCOPE 5 - REPAIR STOREFRONT NORTH, SOUTH & EAST DEMOLITION VESTIBULE BUILDING 1: (SEE AD308, AD309, AD310, A308, A309, A310& A810 SERIES), THE GENERAL CONCTRACTOR SHALL COORDINATE WITH THE VA COR FOR PHASING OF EACH VESTIBULE CONSTRUCTION TO MAINTAIN AT LEAST TWO OPERATIONAL VESTIBULES FOR THE BUILDING EGRESS.

5.3 - SOUTH ENTRANCE VESTIBULE: REPLACE EXISTING SLIDING DOOR WITH NEW AUTOMATIC INSULATED GLASS SLIDING DOOR.

KEYPLAN



Revisions:	Date:
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VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
NEW-ENLARGED SOUTH VESTIBULE PLANS & ELEV.	100% NOT FOR CONSTRUCTION BID DOCUMENTS	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	570-21-108
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Building Number
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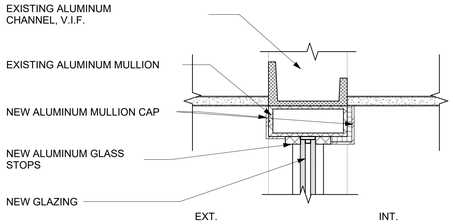
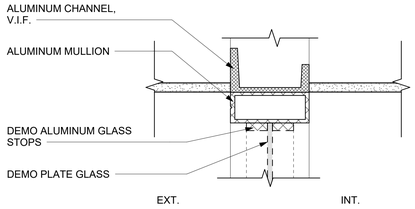
SCOPE 5.1 & 5.2

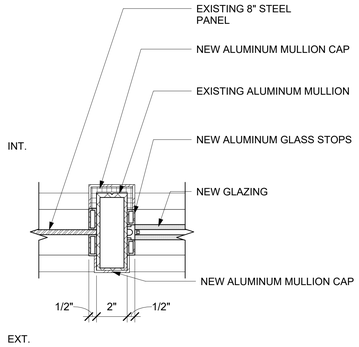
NORTH AND EAST VESTIBULE



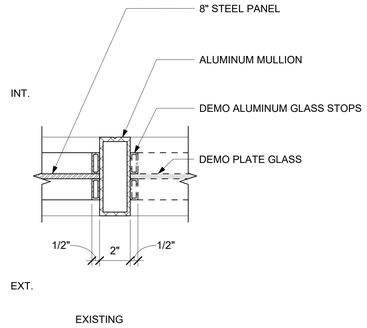
12 NEW TYP. HEAD
SCALE: 3" = 1'-0"



9 EXISTING HEAD
SCALE: 3" = 1'-0"



6 NEW VERTICAL MULLION VEST
SCALE: 3" = 1'-0"



3 EXISTING VERTICAL MULLION
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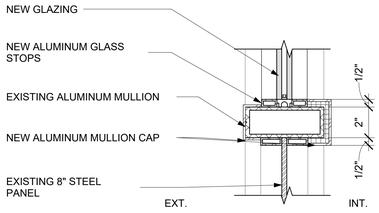
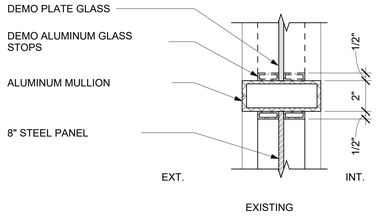
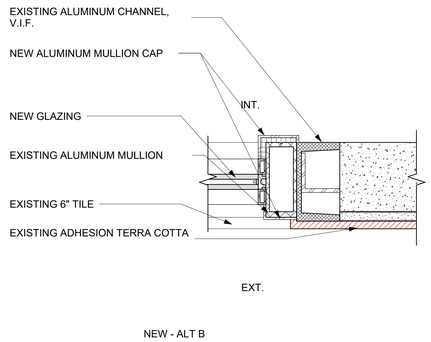


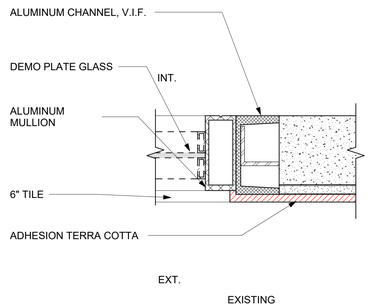
11 NEW HORIZONTAL MULLION
SCALE: 3" = 1'-0"



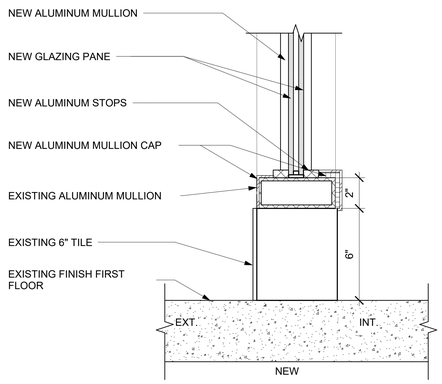
8 EXISTING HORIZONTAL MULLION
SCALE: 3" = 1'-0"



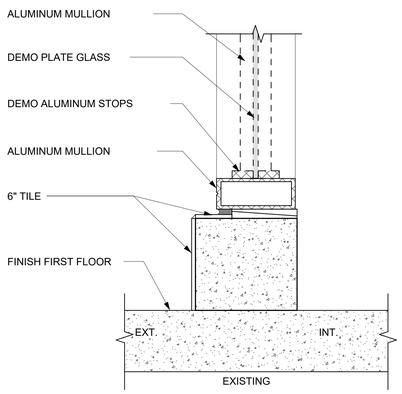
5 NEW JAMB @ A.T.C
SCALE: 3" = 1'-0"



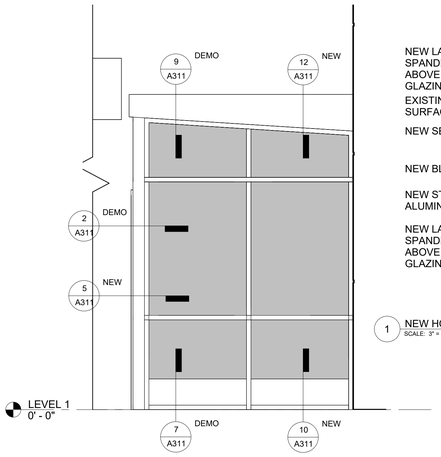
2 EXISTING JAMB @ A.T.C
SCALE: 3" = 1'-0"



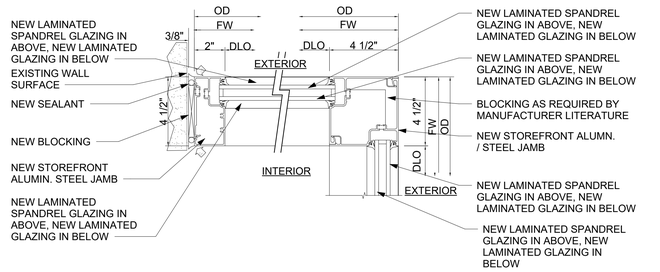
10 NEW TYP. SILL
SCALE: 3" = 1'-0"



7 EXISTING TYP. SILL
SCALE: 3" = 1'-0"



4 EAST VESTIBULE - NORTH ELEVATION
SCALE: 1/2" = 1'-0"



1 NEW HORIZONTAL MULLION
SCALE: 3" = 1'-0"

GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE VA COR FOR PHASING OF EACH VESTIBULE CONSTRUCTION TO ENSURE FACILITY SCHEDULE AND TO MAINTAIN AT LEAST TWO OPERATIONAL VESTIBULES FOR THE BUILDING EGRESS. EACH VESTIBULE SHALL BE COMPLETED AND OPERATIONAL BEFORE THE NEXT VESTIBULE TO BE IN CONSTRUCTION. THE GC SHALL MAINTAIN CONSTRUCTION FENCE AROUND THE EXTERIOR OF THE VESITBULE FOR SAFETY AT ALL TIMES DURING CONSTRUCTION.
2. REFER TO DRAWINGS G002 FOR DESCRIPTION OF THE SCOPE OF WORK.
3. CONTRACTOR TO FIELD VERIFY ROUGH OPENINGS PRIOR TO DEMOLITION AND CONSTRUCTION OF VESTIBULES.
4. REFER TO MECHANICAL DRAWING "H" SERIES FOR AIR CURTAINS LOCATION TO BE REMOVED AND RE-INSTALLED.
5. ALL GLAZING SHALL BE LAMINATED GLAZING. SHALL BE DOUBLE PANE. EXTERIOR PANELS SHALL BE NON-LAMINATED GLASS. INTERIOR PANELS SHALL BE LAMINATED GLASS. REFER SPECS FOR BLAST RESISTANT WINDOWS. NEW GLAZING PANEL.
6. GLAZING BLAST RESISTANT RATING: LOW

SCOPE DESCRIPTION

5.0 - SCOPE 5 - REPAIR STOREFRONT NORTH, SOUTH & EAST DEMOLITION VESTIBULE BUILDING 1: (SEE AD300, A300 & A810 SERIES). THE GENERAL CONCTRACTOR SHALL COORDINATE WITH THE VA COR FOR PHASING OF EACH VESTIBULE CONSTRUCTION TO MAINTAIN AT LEAST TWO OPERATIONAL VESTIBULES FOR THE BUILDING EGRESS.

5.1 - NORTH VESTIBULE: DEMOLITION: FOR THIS SCOPE OF WORK DEMOLITION INCLUDES THE FOLLOWING: REMOVE ATTACHED AIR CURTAIN, SECURITY DEVICES; DOOR DEVICES FROM THE EXISTING EXTERIOR ENCLOSURE, REMOVE EXISTING OUTER SLIDING DOOR; PARTIALLY DEMOLISH THE EXISTING CEILING AROUND EXTERIOR PERIMETER TO ALLOW FOR THE INSTALLATION OF NEW EXTERIOR ENCLOSURE; REMOVE EXTERIOR GLAZING UNITS. REMOVE PORTIONS OF THE CANOPY METAL ROOF DOWN TO STRUCTURAL MEMBERS. SALVAGE AIR CURTAINS AND SECURITY DEVICES FOR REUSE. DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS.

TEMPORARY PROTECTION AND MEASURES: MAINTAIN INTERIOR WALLS AND INTERIOR SLIDING GLASS DOORS OF THE VESTIBULE. PROVIDE FOR PHASED CONSTRUCTION OF ENTRANCE VESTIBULE TO ALWAYS MAINTAIN SAFE EGRESS PATHS FROM THE BUILDING. PROVIDE TEMPORARY ENCLOSURES FOR THE EGRESS PATHS, INFECTION CONTROL (ICRA), INSECT CONTROLS, LIGHTING, AND SIGNAGE DURING CONSTRUCTION. MAINTAIN ALL FIRE PROTECTION AND FIRE ALARM DEVICES.

NEW WORK: REPLACE OR MODIFY EXISTING FRAMING BY INSTALLING PARTIAL MULLIONS, GLAZING STOPS OR REPLACEMENT OF EXISTING ALUMINUM FRAMES TO RECEIVE NEW INSULATED GLAZING UNITS. NEW ALUMINUM FRAMING SHALL HAVE A CLEAR ANODIZED FINISH. FOR VISION AREAS OF GLAZING, PROVIDE CLEAR HIGH-PERFORMANCE INSULATED GLAZING UNITS. PROVIDE OPACIFIED FRITTED GLASS SPANDREL UNITS AT NON-VISION AREAS. INSTALL INSULATION BEHIND SPANDREL GLASS. REBUILD/REPAIR PERIMETER GYPSUM WALLBOARD SOFFIT AND INSTALL NEW ACOUSTICAL CEILING IN VESTIBULE CEILING. PROVIDE NEW AUTOMATIC INSULATED-GLASS SLIDING DOORS, WITH MOTION DETECTION SENSOR. REINSTALL SECURITY DEVICES AND AIR CURTAIN.

5.2 - EAST VESTIBULE: FOLLOW SCOPE OF WORK OUTLINED ABOVE FOR NORTH VESTIBULE, EXCEPT TO REPLACE EXISTING BI-FOLDING DOORS WITH NEW INSULATED GLAZING AUTOMATIC GLASS.

5.2.1 - REPAIR FLASHING BETWEEN CANOPY AND VESTIBULE ROOF: REMOVE EXISTING FLASHING, SALVAGING EXISTING SECTIONS TO RESET. REPLACE ANY SECTION CURRENTLY DAMAGED OR DAMAGED DURING REMOVAL WITH NEW METAL SECTIONS. RESET FLASHING (EXPANSION JOINT COVER), ENSURING PROPER SEALED OVERLAP OF SECTIONS AND SEAL FLASHING TO SUBSTRATES WITH PROPER EMBEDMENT IN COMPATIBLE SEALANT.

MATERIALS LEGEND

- GLAZING
- SPANDREL PANELS
- SCUPPER
- TERRA COTTA
- ANCHOR BOLT
- TO BE DEMOED
- ENTIRE AREA OF GLAZING (40 SF)

KEYPLAN

Revisions:	Date:

CONSULTANT

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Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	NEW - VESTIBULE DETAILS
Phase	100% NOT FOR CONSTRUCTION BID DOCUMENTS
Project Title	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC
Project Number	570-21-108
Building Number	
Approved: Project Director	
	FULLY SPRINKLERED
Location	2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223
Issue Date	1-23-2026
Checked	AR
Drawn	TL
Drawing Number	A311

VA FORM 08 - 6231

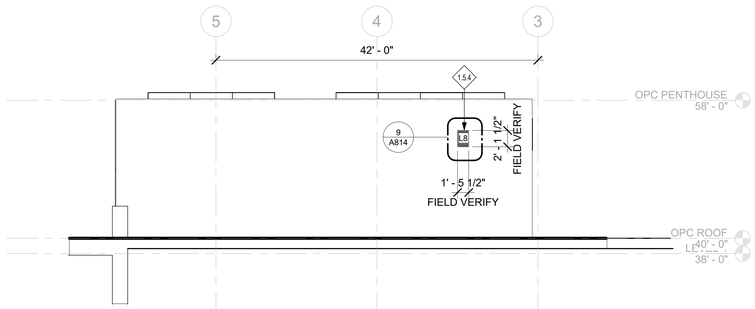
Autodesk Docs://FRE2201 - Fresno Repair Exterior Finishes, Building 1 & Outpatient/FRE2201-A - VA Fresno Exterior.rvt 1/26/2026 5:01:33 PM

SCOPE 1

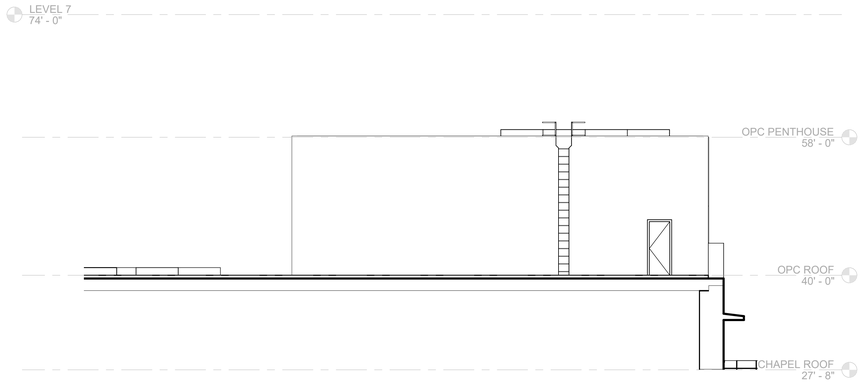
BUILDING 1 AND OPC ENVELOPE REPAIRS

1.5.4 – DETERIORATED LOUVERS: REMOVE LOUVER AND REPLACE WITH NEW ALUM STORMPROOF LOUVER WITH SAME FREE AREA CAPACITY.

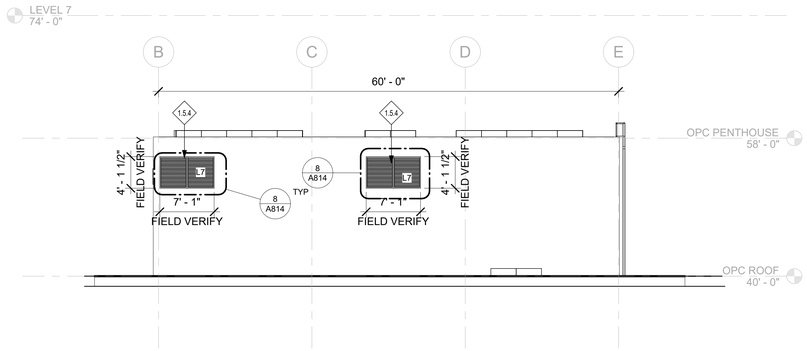
EXISTING BIRD PROTECTION AT NORTH ELEVATION OF OPC PENTHOUSE



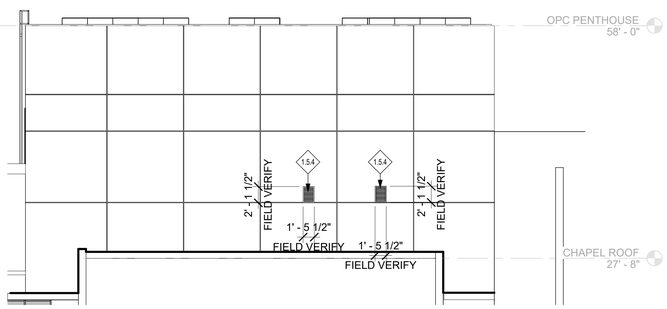
2 OPC PENTHOUSE - NORTH ELEVATION
SCALE: 1/8" = 1'-0"



3 OPC PENTHOUSE - SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



1 OPC PENTHOUSE - WEST ELEVATION
SCALE: 1/8" = 1'-0"



4 OPC PENTHOUSE - EAST ELEVATION
SCALE: 1/8" = 1'-0"

KEYNOTES FOR REPAIR WORK

SEE SHEET G002 FOR MASTER LIST OF KEYNOTES AND DESCRIPTION OF REPAIR WORK

1.5.4 DETERIORATED LOUVERS

SCOPE DESCRIPTION

1.5.4 – DETERIORATED LOUVERS: REMOVE LOUVER AND REPLACE WITH NEW ALUM STORMPROOF LOUVER WITH SAME FREE AREA CAPACITY.

MATERIALS LEGEND

- GLAZING
- SPANDREL PANELS
- SCUPPER
- TERRA COTTA
- ANCHOR BOLT
- TO BE DEMOED
- ENTIRE AREA OF GLAZING (40 SF)

KEYPLAN

Revisions:	Date:

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Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: OPC PENTHOUSE ELEVATIONS	Phase: 100% NOT FOR CONSTRUCTION BID DOCUMENTS	Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	Project Number: 570-21-108
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Building Number:
		Issue Date: 1-23-2026 / Checked: AR / Drawn: TL	Drawing Number: A312

VA FORM 08 - 6231

Autodesk Docs://FRE2201 - Fresno Repair Exterior Finishes, Building 1 & Outpatient/FRE2201-A - VA Fresno Exterior.rvt
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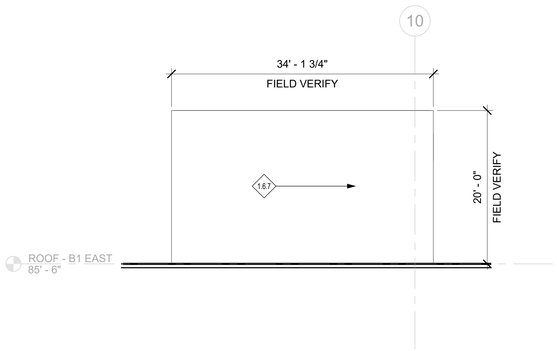
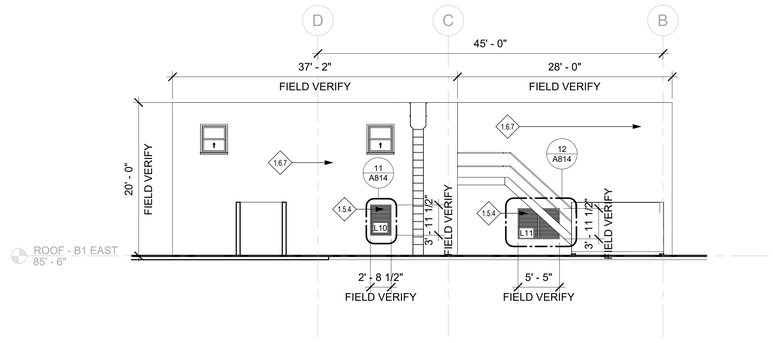
SCOPE 1

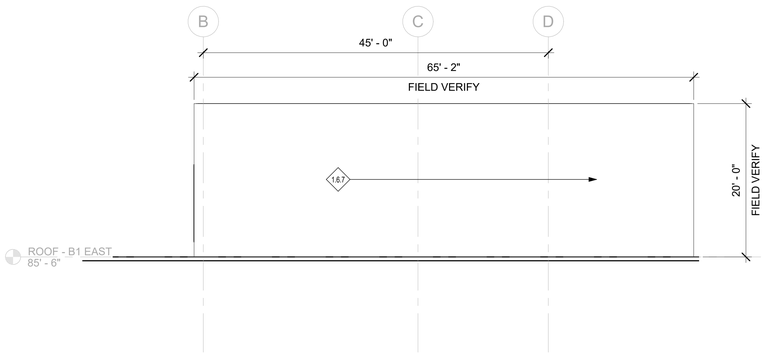
BUILDING 1 AND OPC ENVELOPE REPAIRS



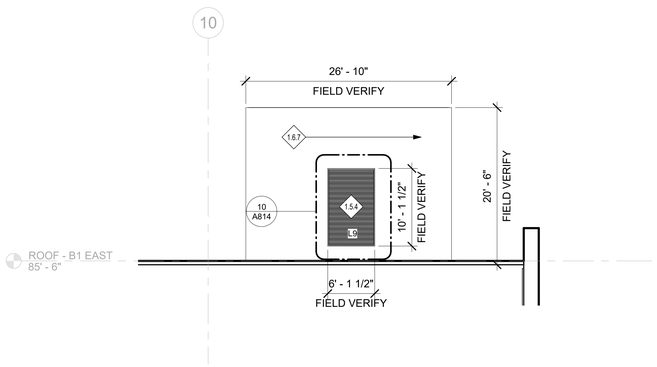
3 ELEVATOR MACHINE ROOM - SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



2 ELEVATOR MACHINE ROOM - EAST ELEVATION
SCALE: 1/8" = 1'-0"



4 ELEVATOR MACHINE ROOM - WEST ELEVATION
SCALE: 1/8" = 1'-0"



1 ELEVATOR MACHINE ROOM - NORTH ELEVATION
SCALE: 1/8" = 1'-0"

SCOPE DESCRIPTION

1.5.4 – DETERIORATED LOUVERS: REMOVE LOUVER AND REPLACE WITH NEW ALUM STORMPROOF LOUVER WITH SAME FREE AREA CAPACITY.

1.6.7 - CLEAN & PAINT THE OUTSIDE OF THE ELEVATOR MACHINE ROOM PENTHOUSES: THOROUGHLY CLEAN EXTERIOR STUCCO SURFACE OF THE ELEVATOR MACHINE ROOM PENTHOUSE, REMOVING LOOSE OR PEELING FINISHES DOWN TO SOUND SUBSTRATE OR FULLY ADHERED FINISHES. PAINT BY APPLY PRIMER AND FINISH COAT(S). FINISH TO MATCH EXISTING PENTHOUSE COLOR.

KEYNOTES FOR REPAIR WORK

SEE SHEET G002 FOR MASTER LIST OF KEYNOTES AND DESCRIPTION OF REPAIR WORK

1.5.4 DETERIORATED LOUVERS

1.6.7 CLEAN & PAINT THE OUTSIDE OF THE ELEVATOR MACHINE ROOM AT ROOF LEVEL

1.5.4 – DETERIORATED LOUVERS: REMOVE LOUVER AND REPLACE WITH NEW ALUM STORMPROOF LOUVER WITH SAME FREE AREA CAPACITY.

1.6.7 - CLEAN & PAINT THE OUTSIDE OF THE ELEVATOR MACHINE ROOM PENTHOUSES: THOROUGHLY CLEAN EXTERIOR STUCCO SURFACE OF THE ELEVATOR MACHINE ROOM PENTHOUSE, REMOVING LOOSE OR PEELING FINISHES DOWN TO SOUND SUBSTRATE OR FULLY ADHERED FINISHES. PAINT BY APPLY PRIMER AND FINISH COAT(S). FINISH TO MATCH EXISTING PENTHOUSE COLOR.

MATERIALS LEGEND

- GLAZING
- SPANDREL PANELS
- SCUPPER
- TERRA COTTA
- ANCHOR BOLT
- TO BE DEMOED
- ENTIRE AREA OF GLAZING (40 SF)

KEYPLAN

Revisions:	Date:

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Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	ELEVATOR MACHINE ROOM ELEVATIONS
Approved: Project Director	
Phase	100% NOT FOR CONSTRUCTION BID DOCUMENTS
	FULLY SPRINKLERED
Project Title	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC
Location	2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223
Issue Date	1-23-2026
Checked	AR
Drawn	TL
Project Number	570-21-108
Building Number	
Drawing Number	A313

VA FORM 08 - 6231

Autodesk Docs://FRE2201 - Fresno Repair Exterior Finishes, Building 1 & Outpatient/FRE2201A - VA Fresno Exterior.rvt
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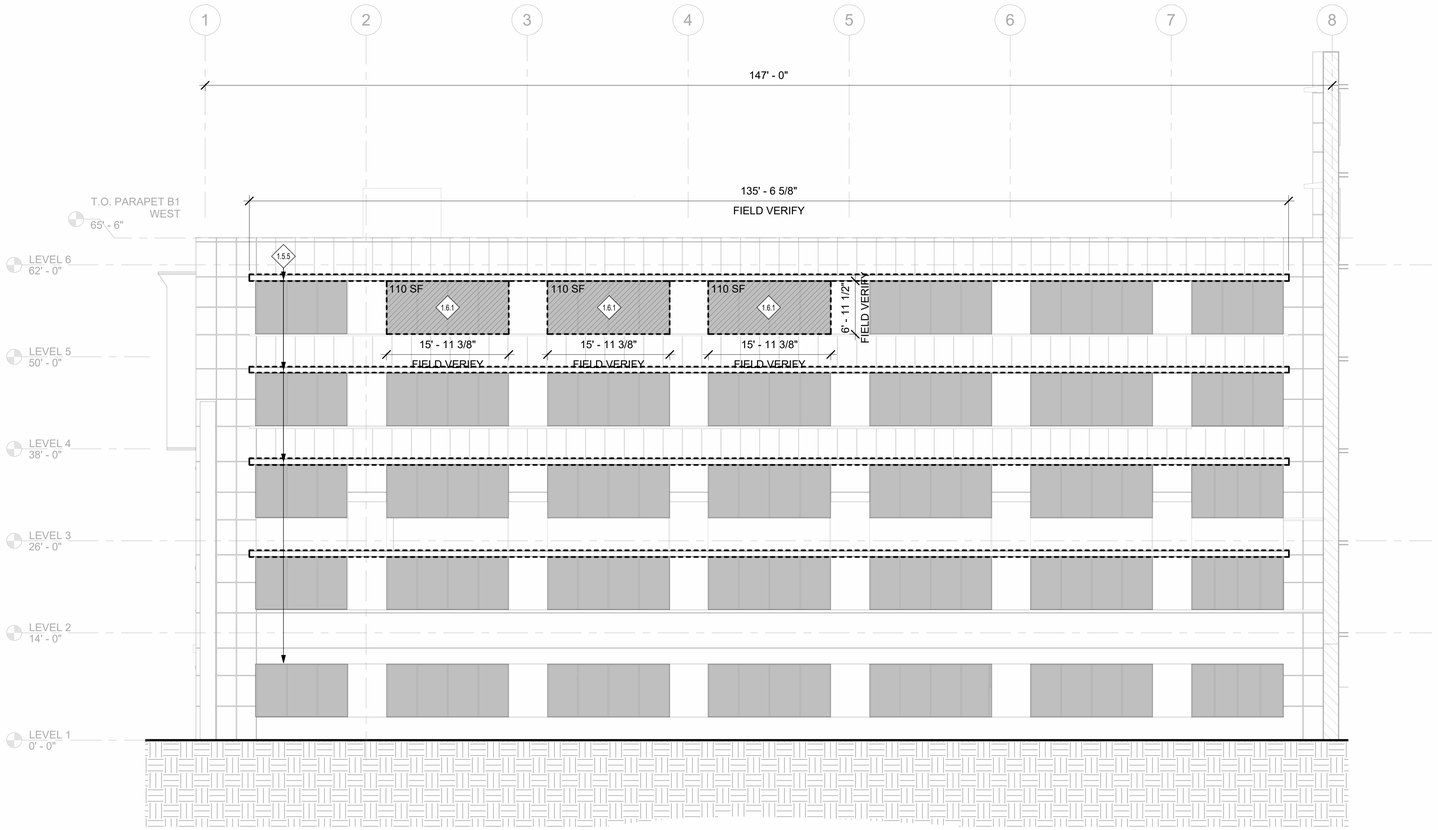
SCOPE 1
BUILDING 1 AND OPC ENVELOPE REPAIRS

SCOPE 2
BUILDING 1, OPC, OPC2 GLAZING



1 BLDG 1 WEST WING - SOUTH ELEVATION
SCALE 1/8" = 1'-0"

KEYNOTES FOR REPAIR WORK

SEE SHEET G002 FOR MASTER LIST OF KEYNOTES AND DESCRIPTION OF REPAIR WORK

1.5.5 DETERIORATED METAL SUNSHADES

1.6.1 ACTIVE MOISTURE LEAKS

SCOPE DESCRIPTION

1.5.5 – DETERIORATED METAL SUNSHADES: REMOVE ALL LOOSE COATINGS FROM SUNSHADES AND DETERIORATED SEALANTS. PREPARE SURFACE TO RECEIVE NEW FINISH. PROTECT ALL SURFACES OF ADJACENT MATERIALS FROM NEW FINISH. APPLY 3 COAT PAINT SYSTEM TO METAL SUNSHADES. INSTALL NEW SEALANT TO JOINTS IN METAL SUNSHADES AND BETWEEN SUNSHADES AND ADJACENT CLADDING.

1.6.1 - ACTIVE MOISTURE LEAKS: HOSE TEST AREA WHERE ACTIVE MOISTURE LEAKS OCCUR TO DETERMINE THE SOURCE AND EXTENT OF MOISTURE INGRESS. REMOVE CLADDING MATERIALS, MAKE REPAIRS TO CLADDING MATERIAL AND REINSTATE MATERIAL. REPAIR DAMAGED FLASHINGS, MOISTURE BARRIERS AND/OR INTERNAL SEALS. REPLACE MATERIALS AS REQUIRED TO IMPLEMENT REPAIR. RETEST AREA OF LEAKS TO PROVE THE EFFICACY OF THE REPAIR.
USE REPAIR MATERIALS COMPATIBLE WITH ADJACENT MATERIALS TO AVOID FURTHER UNINTENDED DETERIORATION OF MOISTURE BARRIER SYSTEM. FOLLOW THE RECOMMENDATION OF THE CLADDING-SYSTEM'S INDUSTRY ASSOCIATION STANDARDS AND RECOMMENDATIONS.

MATERIALS LEGEND

- GLAZING
- SPANDREL PANELS
- SCUPPER
- TERRA COTTA
- ANCHOR BOLT
- TO BE DEMOED
- ENTIRE AREA OF GLAZING (40 SF)

KEYPLAN

Revisions:	Date:

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

Drawing Title: ENLARGED PARTIAL BLDG 1 SOUTH ELEVATION

Approved: Project Director

Phase: 100% NOT FOR CONSTRUCTION BID DOCUMENTS

FULLY SPRINKLERED

Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC

Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223

Issue Date: 1-23-2026 | Checked: AR | Drawn: TL

Project Number: 570-21-108

Building Number:

Drawing Number: A314

VA FORM 08 - 6231

Autodesk Docs://FRE2201 - Fresno Repair Exterior Finishes, Building 1 & Outpatient/FRE2201-A - VA Fresno Exterior.rvt
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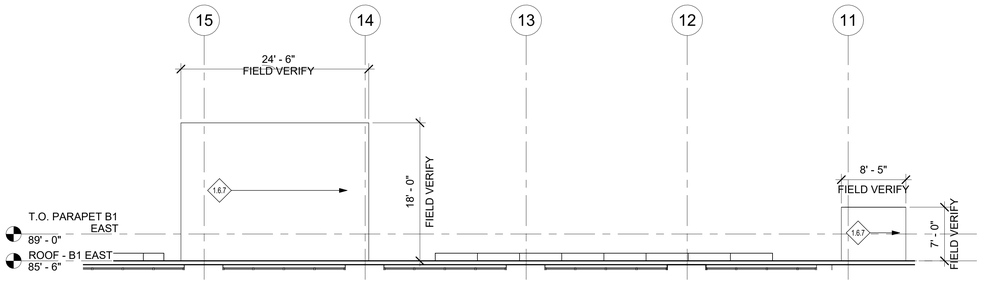
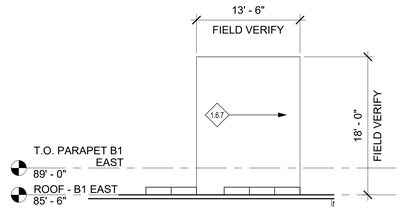
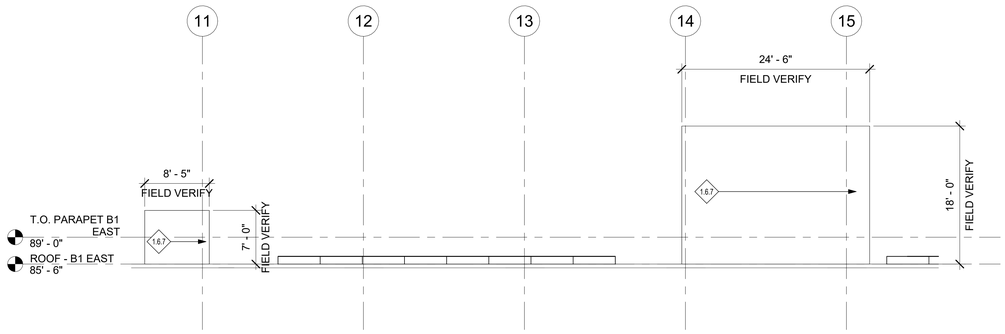


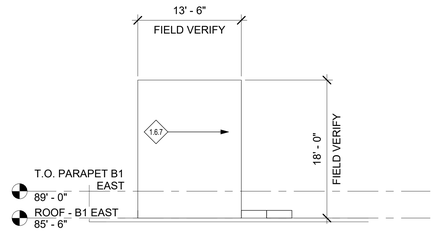
1 EAST WING PENTHOUSE - NORTH ELEVATION
SCALE: 1/8" = 1'-0"



2 EAST WING PENTHOUSE - EAST ELEVATION
SCALE: 1/8" = 1'-0"



3 EAST WING PENTHOUSE - SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



4 EAST WING PENTHOUSE - WEST ELEVATION
SCALE: 1/8" = 1'-0"

KEYNOTES FOR REPAIR WORK

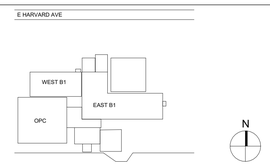
SEE SHEET G002 FOR MASTER LIST OF KEYNOTES AND DESCRIPTION OF REPAIR WORK

1.6.7 CLEAN & PAINT THE OUTSIDE OF THE ELEVATOR MACHINE ROOM AT ROOF LEVEL

SCOPE DESCRIPTION

1.6.7 - CLEAN & PAINT THE OUTSIDE OF THE ELEVATOR MACHINE ROOM PENTHOUSES: THOROUGHLY CLEAN EXTERIOR STUCCO SURFACE OF THE ELEVATOR MACHINE ROOM PENTHOUSE, REMOVING LOOSE OR PEELING FINISHES DOWN TO SOUND SUBSTRATE OR FULLY ADHERED FINISHES. PAINT BY APPLY PRIMER AND FINISH COAT(S). FINISH TO MATCH EXISTING PENTHOUSE COLOR.

KEYPLAN



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Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
EAST WING BUILDING PENTHOUSES	100% NOT FOR CONSTRUCTION BID DOCUMENTS	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	570-21-108
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Building Number
		Issue Date: 1-23-2026 / Checked: AR / Drawn: TL	Drawing Number: A315

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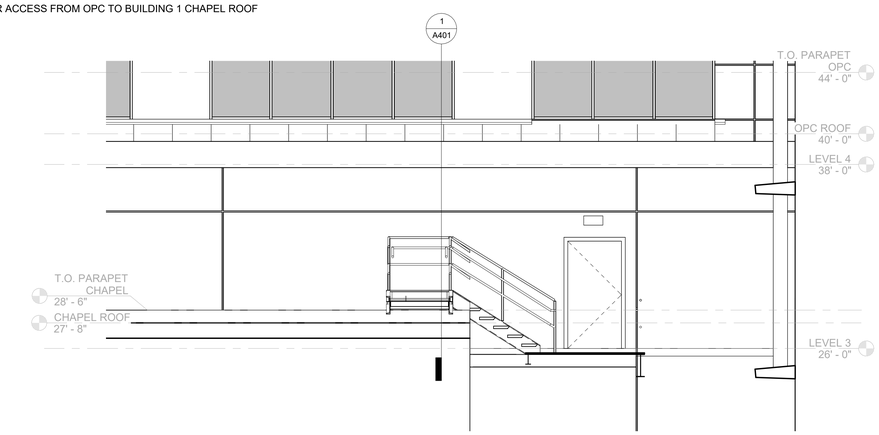
SCOPE 4

STAIR ACCESS FROM OPC TO BUILDING 1 CHAPEL ROOF



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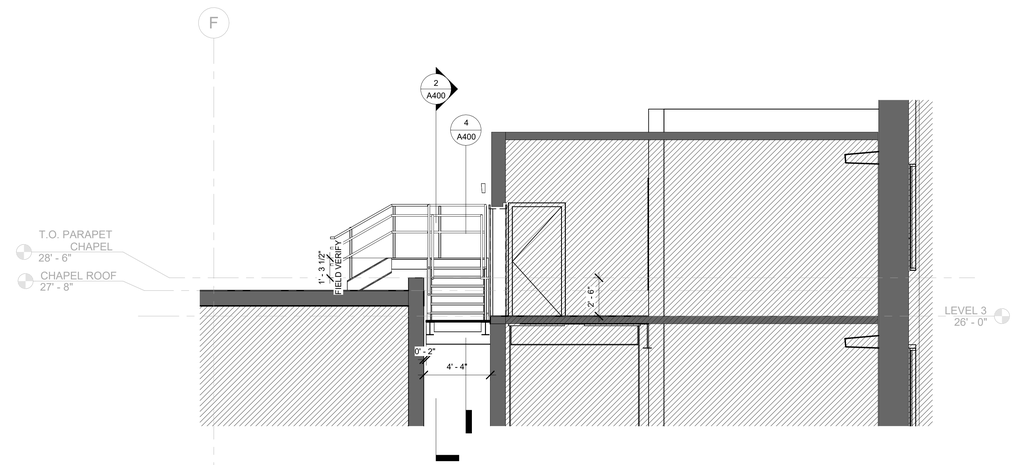
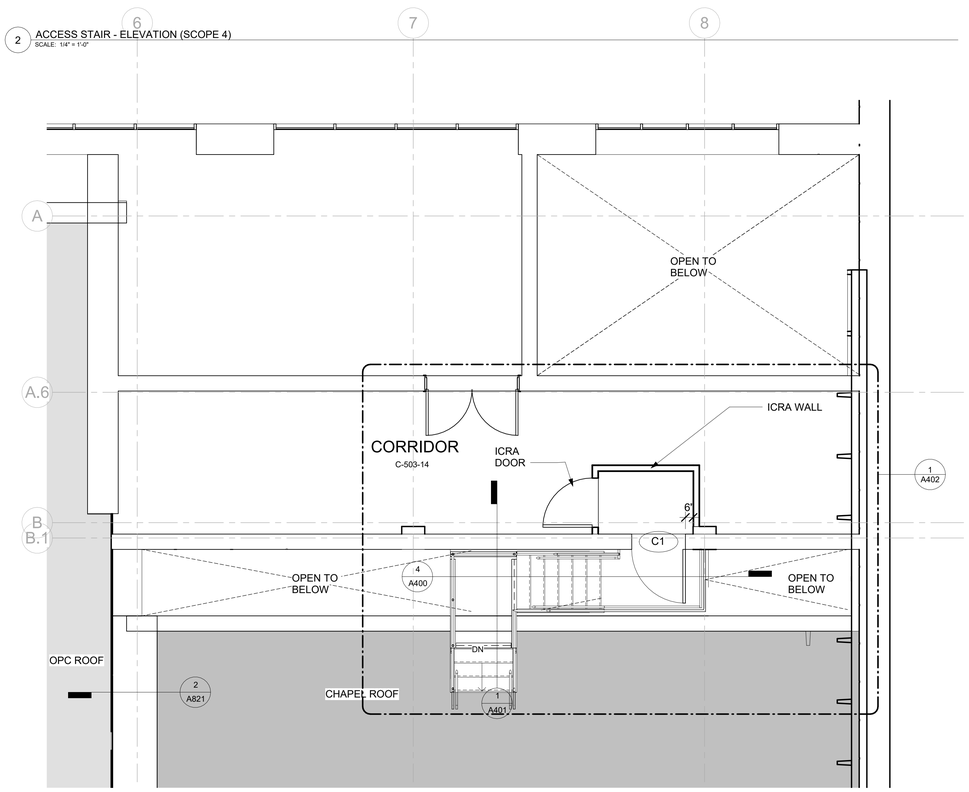
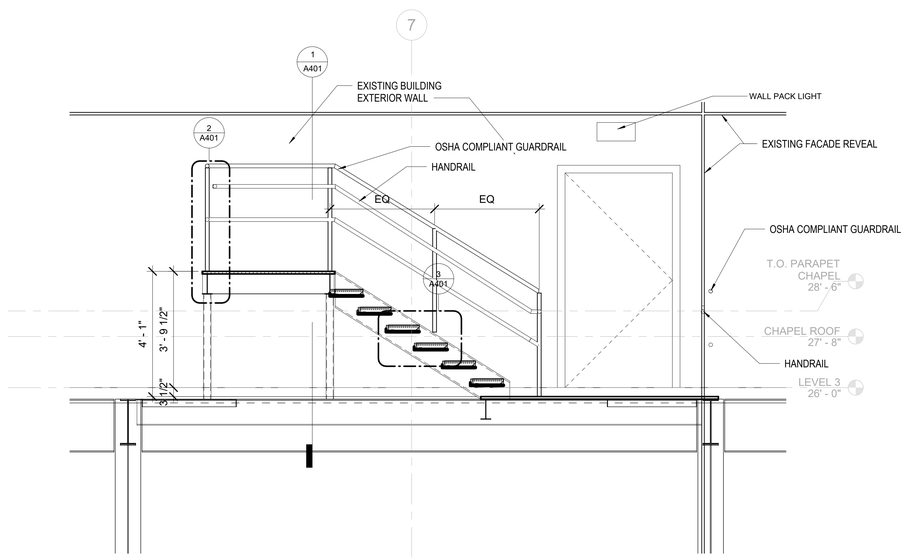
SCALE: 1/4" = 1'-0"



1 ACCESS STAIR - SECTION (SCOPE 4)
SCALE: 1/4" = 1'-0"



3 ACCESS STAIR - FLOORPLAN (SCOPE 4)
SCALE: 1/4" = 1'-0"



4 ACCESS STAIR HANDRAIL DETAIL
SCALE: 1/2" = 1'-0"

SCOPE DESCRIPTION

4.0 - SCOPE 4 - STAIR ACCESS FROM OPC TO BUILDING 1 CHAPEL ROOF (SEEE A400 SERIES & S2.3)

DEMOLITION: THIS SCOPE OF DEMOLITION WORK INCLUDES CUTTING THROUGH THE EXTERIOR WALL OF THE SECOND FLOOR CORRIDOR C-503-14 OF THE LINK BETWEEN OPC AND BUILDING 1. ALONG GRIDLINE B1 BETWEEN GRIDLINES 7 AND 8, FOR AN ACCESS DOOR OPENING AND FOR PLATFORM FRAMING AT COLUMNS B1/7 AND B1/8.

NEW WORK: NEW WORK INCLUDES INSTALLATION OF NEW INSULATED HOLLOW METAML DOOR AND FRAME INTO CORRIDOR C-502-13 EXTERIOR WALL AND WELDING OF HSS GALVAIZED STEEL PLATFORM FRAMMING MEMBERS TO BUILDING FRAME AT COLUMNS B1/7 AND B1/8. REPAIR / PATCH EXTERIOR FINISHES AROUND STEEL FRAMING MEMBERS AND DOOR OPENING TO MATCH EXISTING. INSTALL PLATFORM FRAMING FOR ACCESS STAIR OVER THE PARAPET OF THE CHAPEL ROOF. ALL FRAMING WILL BE WELDED HHS STEEL OR WIDE FLANGE MEMBERS, GALVANIZED. THE PLATFORM FLOOR, STAIR TREADS, AND STAIR LANDING WILL MADE FROM NON-SLIP REINFORCED FIBERGLASS GRATING. STAIR STRINGERS, TOE KICKS, WILL BE GALVANIZED PLATE STEEL AND HANDRAIL WILL BE GALVANIZED STEEL PIPE. ACCESS DOOR AND FRAME WILL BE PAINTED TO MATCH EXISTING STUCCO FINISHES.

TEMPORARY PROTECTION AND MEASURES: PROVIDE INFECTION CONTROL BARRIERS (ICRA) AND INSECT CONTROL DEVICES DURING CONSTRUCTION OF ACCESS DOOR IN THE EXTERIOR WALL AND THE EXTERIOR PLATFORMS AND STAIRS.

KEYPLAN

Revisions:	Date:

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Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
ENLARGED CHAPEL ROOF BRIDGE	100% NOT FOR CONSTRUCTION BID DOCUMENTS	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	570-21-108
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Building Number
		Issue Date: 1-23-2026 / Checked: AR / Drawn: TL	Drawing Number: A400

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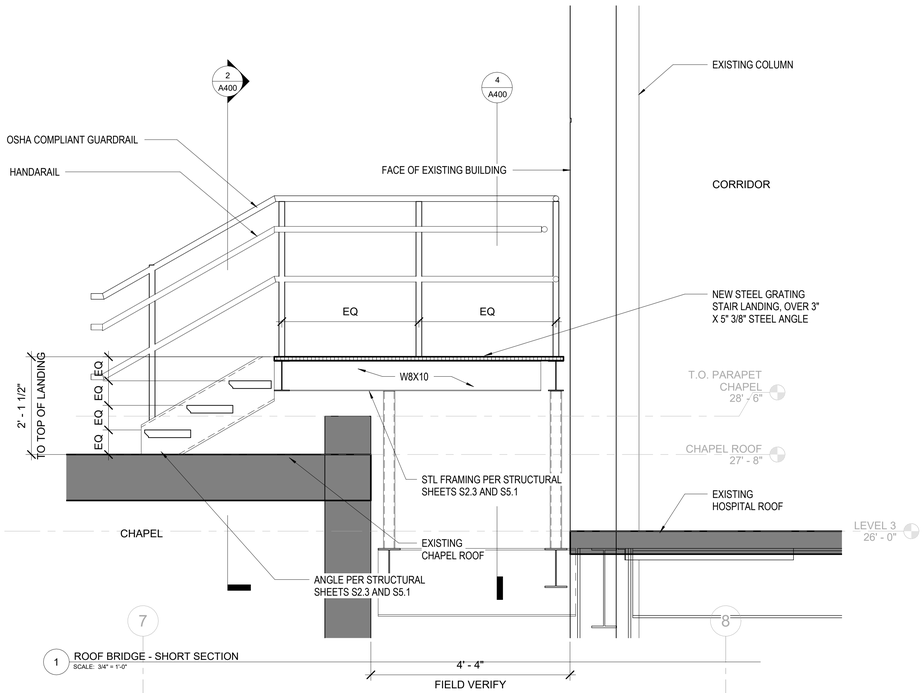
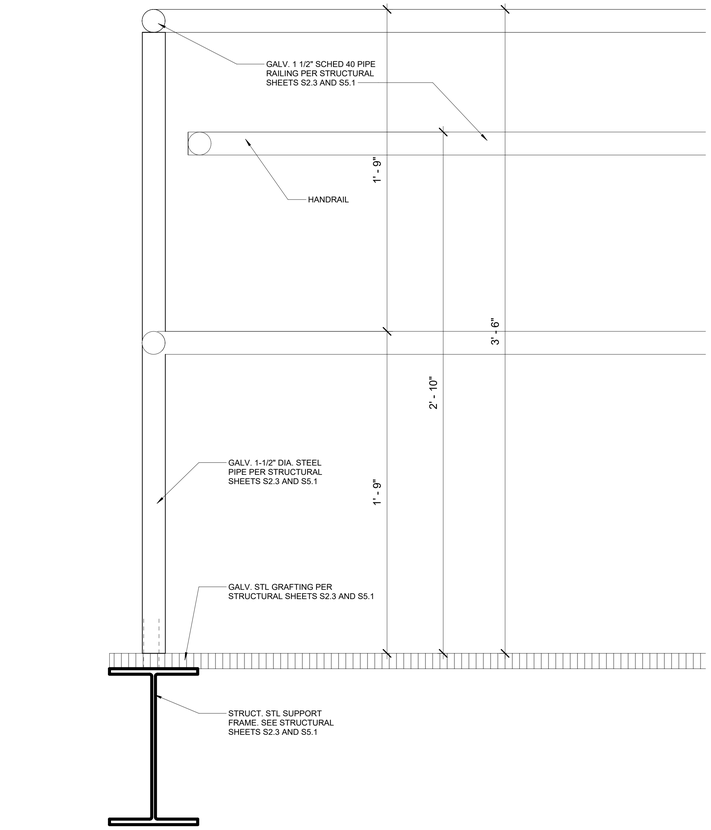
SCOPE 4

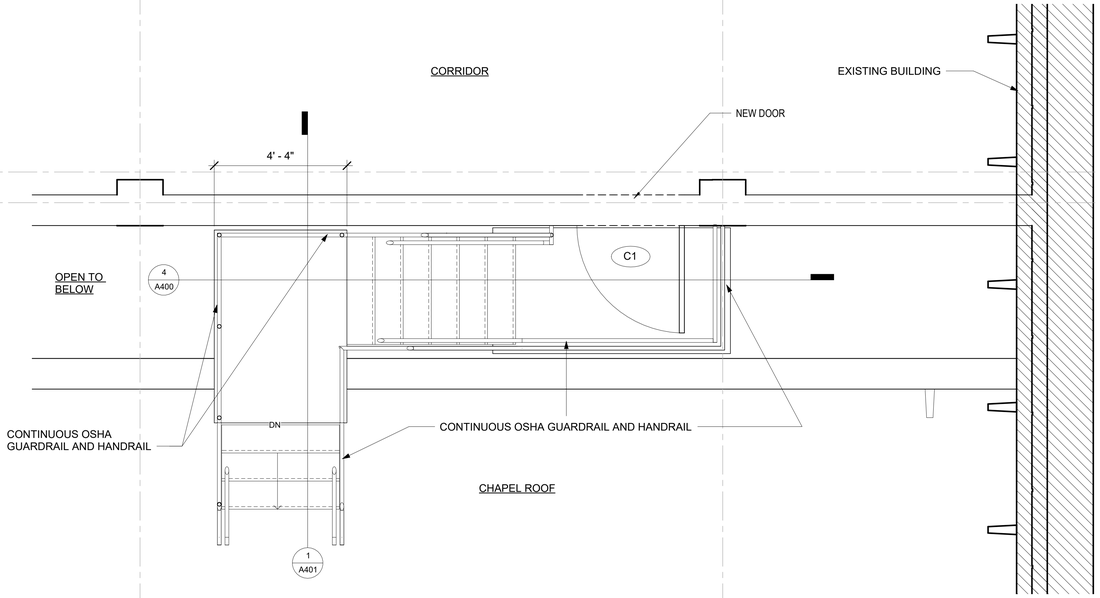
STAIR ACCESS FROM OPC TO BUILDING 1 CHAPEL ROOF



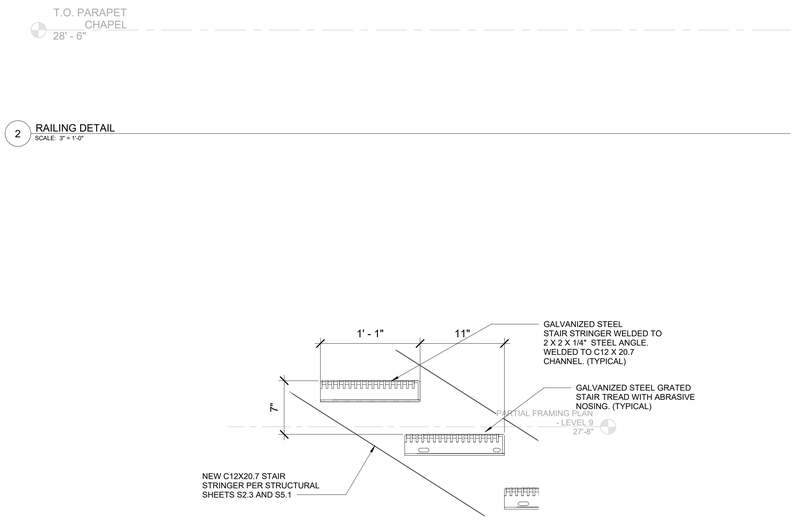
1 ROOF BRIDGE - SHORT SECTION
SCALE: 3/4" = 1'-0"



2 RAILING DETAIL
SCALE: 3" = 1'-0"



4 ACCESS STAIR - ENLARGED FLOORPLAN (SCOPE 4)
SCALE: 1/2" = 1'-0"



3 STAIR DETAIL
SCALE: 1 1/2" = 1'-0"

4.0 - SCOPE 4 - STAIR ACCESS FROM OPC TO BUILDING 1 CHAPEL ROOF (SEEE A400 SERIES & S2.3)

DEMOLITION: THIS SCOPE OF DEMOLITION WORK INCLUDES CUTTING THROUGH THE EXTERIOR WALL OF THE SECOND FLOOR CORRIDOR C-503-14 OF THE LINK BETWEEN OPC AND BUILDING 1. ALONG GRIDLINE B1 BETWEEN GRIDLINES 7 AND 8, FOR AN ACCESS DOOR OPENING AND FOR PLATFORM FRAMING AT COLUMNS B1/7 AND B1/8.

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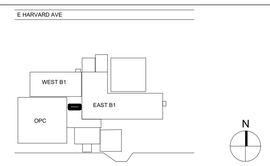
TEMPORARY PROTECTION AND MEASURES: PROVIDE INFECTION CONTROL BARRIERS (ICRA) AND INSECT CONTROL DEVICES DURING CONSTRUCTION OF ACCESS DOOR IN THE EXTERIOR WALL AND THE EXTERIOR PLATFORMS AND STAIRS.

KEYPLAN



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Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED CHAPEL ROOF BRIDGE - STAIR DETAILS

Approved: Project Director

Phase: 100% NOT FOR CONSTRUCTION BID DOCUMENTS

FULLY SPRINKLERED

Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC

Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223

Issue Date: 1-23-2026 | Checked: AR | Drawn: TL

Project Number: 570-21-108

Building Number:

Drawing Number: A401

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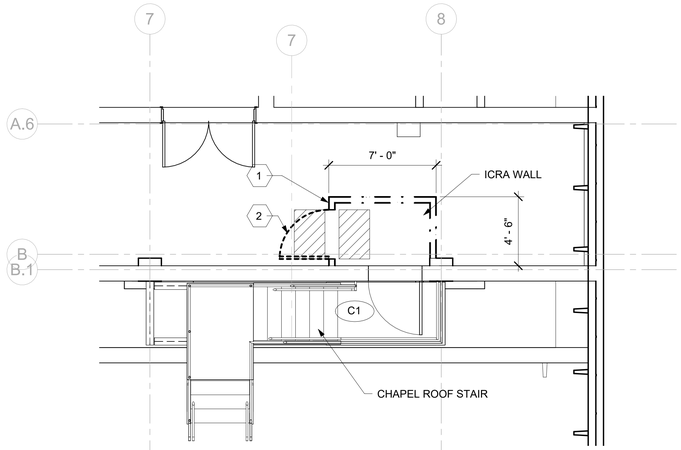

1 CORRIDOR ICRA PLAN
SCALE: 1/4" = 1'-0"

INFECTION AND DUST CONTROL PLAN LEGEND

NOTE: ALL SYMBOLS MAY NOT BE USED

- EXISTING PARTITION TO REMAIN
- EXISTING PARTITION TO BE REMOVED
- EXISTING DOOR & FRAME TO REMAIN
- EXISTING DOOR, FRAME & PARTITION TO BE REMOVED
- EXISTING DOOR & FRAME TO BE REMOVED
- PROVIDE TEMPORARY INFECTION CONTROL / DUST CONTROL
- REMOVE AFTER CONSTRUCTION IS COMPLETE
- DUST MAT (2'-0" X 3'-0")
- EXISTING DOOR, FRAME & PARTITION TO BE REMOVED

PHASING PLAN KEY NOTES

1. CONSTRUCT TEMPORARY WALL. WALL SHALL ACT AS A HAZE / ICRA BARRIER (TYPE A) THROUGHOUT CONSTRUCTION. TEMPORARY DOORWAYS SHALL BE ALLOWED (ZIPPERED POLYETHYLENE SHEET WALLS) PRIOR TO INSTALLATION OF FINAL DOOR FRAMES AND DOORS.
2. CONSTRUCT TEMPORARY DUST PARTITION (TYPE C) WITH ACCESS THROUGH DOORWAY VIA ZIPPED PENNING AT THIS LOCATION BEFORE START OF WORK.

GENERAL CONTRACTOR WORK NOTES

ANY INCIDENTS DURING DEMOLITION AND/OR CONSTRUCTION THAT CAUSES OTHER AREAS TO BECOME CONTAMINATED/DAMAGED AS DETERMINED BY VA HEALTH AND SAFETY OFFICIALS AND/OR CONSULTANTS, WILL REQUIRE CONTRACTOR TO IMMEDIATELY PERFORM ALL NECESSARY WORK/CLEANING/REPLACEMENT OF SUCH AREAS AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE VA CONTRACTING OFFICER THAT THE AFFECTED AREA HAS BEEN RESTORED TO ESTABLISHED STANDARDS.

CONTRACTOR SHALL SUBMIT AN ICRA PLAN SHOWING BARRIER STRUCTURE LOCATION AND TIME REQUIRED FOR CONTINUOUS BARRIER USE. SUBMIT ICRA PLAN AND BARRIER TIME SCHEDULE ALONG WITH OVERALL CONSTRUCTION SCHEDULE (REFER TO SPECIFICATIONS). VA WILL HAVE FINAL APPROVAL OF BARRIER SCHEDULE, SEE VA COR IF DAILY DISASSEMBLY IS REQUIRED TO MAINTAIN VA OPERATIONS.

ICRA BARRIER NOTES

PRIOR TO ANY WORK, CONTRACTOR TO SUBMIT ALL REQUIRED SAFETY, WASTE MANAGEMENT, ICRA AND OTHER FRONT END SUBMITTALS AND PLANS TO COR AND OBTAIN APPROVAL TO PROCEED WITH WORK, REFER TO SPECIFICATIONS FOR MORE INFORMATION.

BARRIE TO BE IMPLEMENTED UNDER DIRECTION OF THESE DRAWINGS AND ACCORDING TO THE COR AND ICRA REVIEW SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO ANY WORK SHOWN WETHER IT BE DEMOLITION OR NEW CONSTRUCTION.

ITEMS OF WORK SUCH AS PAINTING TOUCH UP AND SPOT REPAIRS MAY BE PERFORMED AFTER THE NEW SYSTEMS AND EQUIPMENT WORK IS COMPLETED AND OPERATIONAL.

ICRA INFORMATION SHOWN THIS SHEET DOES NOT CONSTITUTE A COMPLETE BARRIER OR AIRLOCK SYSTEM SUCH AS REQUIRED FOR ASBESTOS ABATEMENT. REFER TO ABATEMENT DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR BARRIERS, AIRLOCKS, AND OTHER SAFETY REQUIREMENTS PRIOR TO START OF ABATEMENT, DEMOLITION OF CONSTRUCTION ACTIVITIES

THIS PROJECT IS ICRA CLASS III MEDIUM RISK

GENERAL INFECTION CONTROL PLAN NOTES

FOR THE PURPOSE OF THE RENOVATION, THE CONSTRUCTION WORK IS CONSIDERED ICRA CLASS III. THE DUST CONTROL PLAN SHALL BE DISTRIBUTED AND REVIEWED BY ALL CONTRACTORS PERFORMING WORK ON THIS CONSTRUCTION PROJECT.

A. EXTERNAL DEMOLITION AND CONSTRUCTION ACTIVITIES
   1. COORDINATE WITH COR TO DETERMINE IF THE IMPACTED AREAS OF THE FACILITY CAN OPERATE TEMPORARILY ON RE-CIRCULATED AIR; IF FEASIBLE, SEAL OFF ADJACENT AIR INTAKES.
   2. IF THIS IS NOT POSSIBLE OR PRACTICAL, CHECK THE LOW - EFFICIENCY FILTER BANKS FREQUENCY AND REPLACE AS NEEDED TO AVOID BUILDUP OF PARTICULATE.
   3. SEAL WINDOWS AND REDUCE WHEREVER POSSIBLE OTHER SOURCES OF OUTSIDE AIR INTRUSION (OPEN DOORS IN STAIRWELLS AND CORRIDORS) ESPECIALLY IN PROTECTIVE ENVIRONMENT (PE) AREAS.

B. INTERNAL DEMOLITION AND CONSTRUCTION ACTIVITIES DUST AND DEBRIS CONTROL
   1. BARRIER SYSTEMS: THE AREA SHALL BE ISOLATED, AS THE PROJECT REQUIRES (FOR ICRA CLASS III AND IV PROJECTS OR AS OTHERWISE DIRECTED BY COR). SMALL, SHORT DURATION PROJECTS GENERATING MINIMAL DUST MAY USE FIRE-RATED PLASTIC SHEETING, BUT SHALL BE SEALED AT FULL CEILING HEIGHT WITH AT LEAST 2-FOOT OVERLAPPING FLAPS FOR ACCESS TO ENTRY. PROJECTS THAT PRODUCE MODERATE TO HIGH LEVELS OF DUST REQURE RIGID, DUST - PROOF, AND FIRE - RATED BARRIER WALLS (E.G. DRYWALL) WITH CAULKED SEAMS FOR A TIGHT SEAL EXTENDING FLOOR TO CEILING. SEAL OFF AND BLOCK RETURN AIR VENTS IF RIGID BARRIERS ARE USED FOR CONTAINMENT. LARGE DUSTY PROJECTS NEED AN VESTIBULE FOR CLOTHING CHANGES AND TOOL STORAGE AND TIGHT PLASTIC SEALS SHALL BE MAINTAINED AT THE FULL PERIMETER F WALLS AND WALL PENETRATIONS. AN INTERIM PLASTIC DUST BARRIER (MINIMUM 4 MIL) MAY BE REQUIRED TO PROTECT THE AREA WHALE THE RIGID IMPERVIOUS BARRIER IS BEING CONSTRUCTED. ANY DUST SHALL BE IMMEDIATELY CLEANED IF TRACKED OUTSIDE OF THE CONSTRUCTION BARRIER. UPON COMPLETION OF THE CONSTRUCTION PROJECT, DUST BARRIERS SHALL BE REMOVED CAREFULLY TO MINIMIZE SPREADING OF DUST AND THE CONTRACTOR SHALL HAVE TEMPORARY DUST PROTECTION IN PLACE BEFORE THE REMOVAL OF A PERMANENT BARRIER. CONTRACTOR PERSONNEL SHALL MONITOR AND PERFORM BARRIER MAINTENANCE AND BE EDUCATED TO NOTICE SIMPLE CLUES SUCH AS ACCUMULATIONS OF VISIBLE DUST EVIDENCED BY FOOTPRINTS, OPEN DOORS WINDOWS EVIDENCED BY PRESENCE OF INSECTS AND FLIES, WET CEILING TILES, ETC.
   2. TRAFFIC CONTROL: DESIGNATE ENTRY AND EXIT PROCEDURES SHALL BE DEFINED. EGRESS SHALL BE FREE OF DEBRIS; DESIGNATED ELEVATORS SHALL BE USED DURING SCHEDULED TIMES: AND ONLY AUTHORIZED PERSONNEL SHALL BE ALLOWED TO ENTER THE CONSTRUCTION ZONE. SIGNAGE SHALL DIRECT PEDESTRIAN TRAFFIC AWAY FROM THE CONSTRUCTION AREA AND MATERIALS.
   3. DEMOLITION DEBRIS: DEBRIS SHALL BE REMOVED IN CARTS WITH TIGHTLY FITTED COVERS, USING DESIGNATED TRAFFIC ROUTES. EFFORTS SHALL BE MADE TO MINIMIZE USE OF ELEVATORS WITH AN EMPHASIS ON TRANSPORT DURING THE LOWEST PERIOD OF ACTIVITY. DEBRIS SHALL BE REMOVED DAILY AND AT TIMES SPECIFIED BY THE VAMC. IF CHUTES ARE USED TO DIRECT DEBRIS OUTSIDE, HIGH EFFICIENCY PARTICULATE AIR (HEPA) FILTERED NEGATIVE AIR MACHINES SHALL BE USED, AND THE CHUTE OPENING SHALL BE SEALED WHEN NOT IN USE. FILTERS SHALL BE BAGGED AND SEALED BEFORE BEING TRANSPORTED OUT OF THE CONSTRUCTION AREA. THE CONTRACTOR SHALL NOT HAUL DEBRIS THROUGH PATIENT CARE AREA WITHOUT PRIOR APPROVAL OF THE VAMC.
   4. EXTERIOR WINDOWS: WINDOWS SHALL BE SEALED TO MINIMIZE INFILTRATION FROM ANY ADJACENT EXCAVATION DEBRIS.

C. VENTILATION AND ENVIRONMENTAL CONTROLS
   1. AIR SYSTEM FLOW: DETERMINE WETHER THE CONSTRUCTION AREA USES FRESH / OUTSIDE OR RE-CIRCULATED AIR; FILTERS SHALL BE ADDED OR RETURN VENTS COVERED AS NEEDED WITH FILTER MATERIAL OR PLASTIC. AIR MUST FLOW FROM CLEAN TO DIRTY AREAS. COORDINATE WITH COR.
   2. NEGATIVE AIR PRESSURE: THE AIR WITHIN THE CONSTRUCTION AREA MUST BE NEGATIVE WITH RESPECT TO SURROUNDING AREAS AND WITH NO DISRUPTION OF AIR SYSTEMS OF ADJACENT AREAS. USE OF THE NEGATIVE AIR PRESSURE SYSTEM WITHIN THE ENCLOSURE TO REMOVE DUST SHALL PASS AIR THROUGH AN INDUSTRIAL GRADE, PORTABLE HEPA FILTER CAPABLE OF FILTRATION RATES OF 300 - 800 CUBIC FEET PER MINUTE (FT3/MIN), OR EXHAUST AIR DIRECTLY TO THE OUTSIDE IF APPROVED BY VAMC. IF EXHAUST MUST BE TIED INTO AN EXHAUST TO A RE-CIRCULATED AIR SYSTEM, A PRE-FILTER AND HEPA FILTER SHALL BE USED BEFORE EXHAUST TO PREVENT CONTAMINATION OF THE DUCTS.
   3. ADJACENT AREAS: THE STATUS OF SEALED PENETRATIONS AND INTACT CEILING SHALL BE VERIFIED DAILY.
   4. AIR EXCHANGE RATES AND PRESSURE RELATIONSHIPS: VAMC AND CONTRACTOR WILL VERIFY AND MAINTAIN PROPER RATES IN CRITICAL AREAS NEAR CONSTRUCTION ACTIVITY AND ENSURE AIR IS NOT BEING RE-CIRCULATED WITHOUT FILTRATION FROM THE CONSTRUCTION AREA ELSEWHERE. VAMC WILL MAKE DETERMINATION ON PROVIDING FOR THE ACCOUNTABILITY AND FREQUENCY OF TESTING AIR PRESSURE THROUGHOUT THE PROJECT. LOGGING DIFFERENTIAL PRESSURE METER MUST BE USED ER VA REQUIREMENTS ICRA TABLE 5 LEVEL III, ITEM 5.
   5. CONTRACTOR SHALL NOT VENT TO OUTSIDE WITHIN 1O FEET OF AN MECHANICAL INTAKE.

D. CONTAMINATION OF PATIENT ROOMS, SUPPLIES, EQUIPMENT AND RELATED AREAS
   1. WORKSITE CLOTHING: CONTRACTOR PERSONNEL CLOTHING SHALL BE FREE OF LOOSE SOIL AND DEBRIS BEFORE LEAVING THE CONSTRUCTION AREA. IF PROTECTIVE APPAREL IS NOT WORN (E.G., OVERALLS, FOOTGEAR AND HEADGEAR) A HEPA - FILTER VACUUM SHALL BE USED TO REMOVE DUST FROM CLOTHING BEFORE LEAVING THE BARRICADE. IF PROTECTIVE APPAREL IS UTILIZED THE CONTRACTOR SHALL CONSTRUCT A SPACE OR ANTEROOM FOR CHANGING CLOTHING AND STORING EQUIPMENT (DESIGNATED AREA). ALL EQUIPMENT, TOOLS, TOOL CARTS, MATERIALS, ETC. TRANSPORTED THROUGH OCCUPIED AREAS SHALL BE MADE FREE FROM DUST CONSTRUCTION ZONE OR WORK AREA.
   2. CONTRACTOR CLEANING: THE CONSTRUCTION ZONE SHALL BE MAINTAINED IN A CLEAN MANNER BY CONTRACTORS AND SWEPT OR HEPA - VACUUMED DAILY OR MORE FREQUENTLY AS NEEDED TO MINIMIZE DUST. ADJACENT AREAS THAT MAY BE IMPACTED BY THE CONSTRUCTION SHALL BE DAMP MOPPED DAILY OR MORE FREQUENTLY AS NEEDED. WALK - OFF MATS WITH TACKY OR ADHESIVE SURFACES SHALL BE UTILIZED TO MINIMIZE TRACKING OF HEAVY DIRT AND DUST FROM CONSTRUCTION AREAS.

REFERENCE DOCUMENT NOTES

REFER TO DEPARTMENT OF VETERANS AFFAIRS "SOP NO. 120/INFS-006" (AVAILABLE FROM COR) FOR ADDITIONAL REQUIREMENTS FOR HAZARD ANALYSIS AND CRITICAL CONTROL POINT (HACCP) PLAN TO BE FOLLOWED BY ALL WORKERS ON SITE.

Revisions:	Date:

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Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	CORRIDOR ICRA PLAN
Approved: Project Director	
Phase	100% NOT FOR CONSTRUCTION BID DOCUMENTS
	FULLY SPRINKLERED
Project Title	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC
Location	2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223
Issue Date	1-23-2026
Checked	AR
Drawn	TL
Project Number	570-21-108
Building Number	
Drawing Number	A402

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INFECTION CONTROL NOTES:

THE PURPOSE OF INFECTION CONTROL PROCEDURES IS TO MINIMIZE THE POTENTIAL FOR THE SPREAD OF INFECTIONS DUE TO DEGRADED AIR QUALITY, ENVIRONMENTAL CONTAMINATION, OR CONTAMINATION OF WATER. IT IS THE POLICY OF THIS MEDICAL CENTER THAT A SYSTEMATIC APPROACH BASED ON ASSESSMENT AND PLANNING WILL EFFECTIVELY MANAGE THE ISSUE OF TRANSMISSION OF INFECTIOUS DISEASES AND THE AGGRAVATION OF ALLERGIES. THE OVERALL APPROACH RELIES ON PRE-CONSTRUCTION ASSESSMENT, MANAGEMENT OF HVAC SYSTEMS, AND AGGRESSIVE USE OF A VARIETY OF BARRIERS. CONTRACTOR IS TO WORK CLOSELY WITH THE VA FACILITY MANAGEMENT SERVICE CENTER, THE INFECTION CONTROL PROGRAM STAFF AND THE SAFETY AND OCCUPATION HEALTH MANAGER TO HAVE IN PLACE A MONITORING PROGRAM TO ASSURE RIGOROUS IMPLEMENTATION OF THE REQUIRED MEASURES, REFER TO PROJECT SPECIFICATIONS.

A. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND COORDINATE ALL INFECTION CONTROL REQUIREMENTS WITH THE DEMOLITION AND NEW CONSTRUCTION. THE CONTRACTOR SHALL REPORT ALL DISCOVERIES TO THE OWNERS' REPRESENTATIVE FOR RESOLUTION PRIOR TO BEGINNING.

B. CONTRACTOR TO INSTALL BARRIERS AND OTHER MEASURES. CONSTRUCTION BARRIER DOOR(S) MUST BE SELF-CLOSING. PROVIDE DUST CONTROL AND CONTAINMENT STICKY MATS ON ALL ACCESS DOORS INTO CONSTRUCTION AREA. ANTE-ROOM REQUIRED AT CONSTRUCTION ENTRY. PROVIDE MANOMETER MONITORS FOR ALL CONSTRUCTION BARRIERS.

C. CONTRACTOR TO DISPOSE OF MATERIALS BEFORE 8:00 AND OR AFTER 4:00 PM UNLESS ARRANGED WITH THE VA TO DISPOSE OF DURING NORMAL HOURS. USE ROUTE AGREED UPON BY ICRA TEAM AND COTR FOR TRANSPORT OF TRANSPORT CONTAINERS THROUGH THE FACILITY. CONTRACTORS CAN ONLY DEVIATE TO NORMAL HOURS WITH THE APPROVAL OF THE INFECTION CONTROL NURSE AND COR DUE TO PARTICULAR CIRCUMSTANCES THAT MAY OBSTRUCT PROGRESS. A CLEAR PLAN WILL HAVE TO BE SUBMITTED AND PRECAUTIONARY INFECTION CONTROL MEASURES IMPLEMENTED.

D. CONTRACTOR TO COVER CARTS AND WEAR BOOTIES WHEN DISPOSING MATERIALS.

E. CONTRACTOR TO CHANGE MATS MULTIPLE TIMES A DAY AS NEEDED AND MOP FLOORS BEHIND THEM MULTIPLE TIMES A DAY.

F. CONTRACTOR TO MAINTAIN CONTINUOUS NEGATIVE AIR PRESSURE WITHIN THE WORK SITE UTILIZING WINDOW EXHAUST FANS STRATEGICALLY LOCATED OR PROVIDED NEGATIVE PRESSURE AIR HEPA UNITS AND EXHAUST TO EXTERIOR OF THE BUILDING. CONTRACTOR TO INCLUDE MONITORING MANOMETER AT ANTEROOM SO THE NEGATIVE PRESSURE CAN BE INSPECTED.

INFECTION CONTROL RISK ASSESSMENT

Infection Control Risk Assessment
Matrix of Precautions for Construction & Renovation

STEP ONE: Using the following table, identify the Type of Construction Project Activity (Type A-D)

TYPE A	**Inspection and Non-Invasive Activities** Includes, but is not limited to: • removal of ceiling tiles for visual inspection only e.g., limited to 1 tile per 50 square feet with limited exposure time. • Limited building system maintenance (e.g., pneumatic tube station, HVAC system, fire suppression system, electrical and carpentry work to include painting without sanding) that does not create dust or debris. • Clean plumbing activity limited in nature.
TYPE B	**Small scale, short duration activities that create minimal dust and debris.** Includes, but is not limited to: • Work conducted above the ceiling (e.g., prolonged inspection or repair of firewalls and barriers, installation of conduit and/or cabling, and access to mechanical and/or electrical chase spaces). • Fan shutdown/startup. • Installation of electrical devices or new flooring that produces minimal dust and debris. • The removal of drywall where minimal dust and debris is created. • Controlled sanding activities (e.g., wet, or dry sanding) that produce minimal dust and debris.
TYPE C	**Large-scale, longer duration activities that create a moderate amount of dust and debris.** Includes, but is not limited to: • Removal of preexisting floor covering, walls, casework, or other building components. • New drywall placement. • Renovation work in a single room. • Non-existing cable pathway or invasive electrical work above ceilings. • The removal of drywall where a moderate amount of dust and debris is created. • Dry sanding where a moderate amount of dust and debris is created. • Work creating significant vibration and/or noise. • Any activity that cannot be completed in a single work shift.
TYPE D	**Major demolition and construction activities** Includes, but is not limited to: • Removal or replacement of building system component(s). • Removal/installation of drywall partitions. • Invasive large-scale new building construction. • Renovation work in two or more rooms.

STEP 1 - Activity Type: TYPE C

STEP TWO: Using the following table, identify the Patient Risk Groups that will be affected. If more than one risk group will be affected, select the higher risk group.

LOW RISK	MEDIUM RISK	HIGH RISK	HIGHEST RISK
Non-patient care areas: • Outbuildings • Office Areas, meeting Rooms • Environmental Services • Prosthetis • Canteen Store • Chapel • Morgue • Elevators • Warehouse • Police • Boiler Plant • Facilities Maintenance Shop	• Respiratory Therpy • Outpatient Clinics • CBOS's • Adult Day Care • Psychiatry • Echocardiography • Physical Therapy • EEG • EKG • Occupational Health • Animal Research Laboratories • Dental Excluding Dental Operating Suites • Canteen Food Areas • Behavorial Health	• Emergency Room • Phlebotomy • Research Laboratories, Laboratories (Patient) • Pharmacy • Post Anesthesia Care Unit • Endoscopy • Surgical Unit • Medical Unit • Community Living Center • Pulmonary, Renal and Infectious Disease Clinic • Sleep Lab • Nuclear Medicine (Building 27) • Any Sterile Supply Room • Radiology/MRI/CT • Logistics Storage • Laundry/Linen Areas	• Dialysis • Cardiac Cath Lab • Sterll Processing and Distribution • Intensive Care Unit • Oncology • Radiation Therapy/Building 26 • Operating Rooms (including Dental Operating Suite) • VIR Suite • Urology Procedure Room • Ophthalmology Procedure Room • Women's Health Procedure Room • Stratton Inn • Microbiology Lab • Pharmacy (USP 797/800 Compounding Areas

STEP 2 - Patient Risk Group: MEDIUM RISK

STEP THREE: Match the Patient Risk Group (Low, Medium, High, Highest) from Step Two with the planned Construction Activity Project Type (A, B, C, D) from Step one using the table to find the Class of Precautions (I, II, III, IV or V) or level of infection control activities required.

Construction Project Type

Patient Risk Group	TYPE A	TYPE B	TYPE C	TYPE D
LOW Risk Group	I	II	II	III
MEDIUM Risk Group	I	II	III	IV
HIGH Risk Group	I	III	IV	V
HIGHEST Risk Group	III	IV	V	V

Infection control permit and approval will be required when Class of Precautions III (Type C) and all Class of Precautions IV or V are necessary.

Environmental conditions that could affect human health, such as sewage, mold, asbestos, gray water and black water will require Class of Precautions IV for LOW and MEDIUM Risk Groups and Class of Precautions V for HIGH and HIGHEST Risk Groups.

*Type C [Medium Risk Groups] and Type D [Low Risk Groups] work areas [Class III precautions] that cannot be sealed and completely isolated from occupied patient care spaces should be elevated to include negative air exhaust requirements as listed in Class IV Precautions.

STEP 3 - Class of Precautions: CLASS III

STEP FOUR: Assess potential risk to areas surrounding the project. Using Table 4, identify the surrounding areas that will be affected and the type of impact that will occur. If more than one risk group will be affected, select the higher risk group using Table 2 - Patient Risk Group.

SURROUNDING AREA ASSESSMENT

Unit Below:	Unit Above:	Unit Lateral:	Unit Behind:	Unit in Front:
Risk Group:	Risk Group:	Risk Group:	Risk Group:	Risk Group:
Contact:	Contact:	Contact:	Contact:	Contact:
Phone:	Phone:	Phone:	Phone:	Phone:
Additional Controls: ☐ Noise ☐ Vibration ☐ Dust Control ☐ Ventilation ☐ Pressurization ☐ Vertical Shafts ☐ Elevator/Stairs	**Additional Controls:** ☐ Noise ☐ Vibration ☐ Dust Control ☐ Ventilation ☐ Pressurization ☐ Vertical Shafts ☐ Elevator/Stairs	**Additional Controls:** ☐ Noise ☐ Vibration ☐ Dust Control ☐ Ventilation ☐ Pressurization ☐ Vertical Shafts ☐ Elevator/Stairs	**Additional Controls:** ☐ Noise ☐ Vibration ☐ Dust Control ☐ Ventilation ☐ Pressurization ☐ Vertical Shafts ☐ Elevator/Stairs	**Additional Controls:** ☐ Noise ☐ Vibration ☐ Dust Control ☐ Ventilation ☐ Pressurization ☐ Vertical Shafts ☐ Elevator/Stairs
System Impacted: ☐ Data ☐ Mechanical ☐ Med Gases ☐ Hot/Cold Water	**System Impacted:** ☐ Data ☐ Mechanical ☐ Med Gases ☐ Hot/Cold Water	**System Impacted:** ☐ Data ☐ Mechanical ☐ Med Gases ☐ Hot/Cold Water	**System Impacted:** ☐ Data ☐ Mechanical ☐ Med Gases ☐ Hot/Cold Water	**System Impacted:** ☐ Data ☐ Mechanical ☐ Med Gases ☐ Hot/Cold Water

Noise & Vibration Mitigation Strategies

☐ Use diamond drills instead of powder-actuated fastners.
☐ Schedule noise-making periods with adjacent spaces.
☐ Use beam clamps instead of shot.
☐ Prefab where possible.
☐ Use tim snips to cut metal studs instead of using a chop saw.
☐ Install metal decking with vent tabs, then use cellar floor deck hangers.
☐ Consider compression style fittings instead of soldering, brazing, or welding.
☐ Wet core drill instead of dry core or percussion.
☐ Instead of jackhammering concrete, use wet diamond saws.
☐ Use HEPA vacuums instead of standard wet/dry vacuums.
☐ Use mechanical joining system sprinkler fittings instead of threaded.
☐ Where fumes are tolerated, use chemical adhesive remover (floor glue) instead of mechanical.
☐ To remove flooring, consider abrasive blasting instead of using a floor scraper.
☐ Use electronic sheers instead of reciprocating saw for ductwork cutting.
☐ Install exterior man/material lifts.

Ventilation & Pressurization Mitigation Strategies

☐ HEPA to exterior.
☐ Install temporary ductwork.
☐ Utilize temporary HVAC equipment.
☐ Vacate the area.
☐ Install temporary partitions.
☐ Use carbon filtration odors.

Impact to Other Systems Mitigation Strategies

☐ Schedule outages.
☐ Provide temporary systems.
☐ Back-feed electrical or medical gases.

Minimum Required Infection Control Precautions by Class | Before and During Work Activity

CLASS I	1. Perform noninvasive work activity as to not block or interrupt patient care. 2. Perform noninvasive work activities in areas that are not directly occupied with patients. 3. Perform noninvasive work activity in a manner that does not create dust. 4. Immediately replace any displaced ceiling tile before leaving the area and/or at end of noninvasive work activity.
CLASS II	1. Perform only limited dust work and/or activities designed for basic facilities and engineering work. 2. Perform limited dust and invasive work following standing precautions procedures approved by the organization. 3. This Class of Precautions must never be used for construction or renovation activities.
CLASS III	1. Provide active means to prevent airborne dust dispersion into the occupied areas. 2. Means for controlling minimal dust dispersion may include hand-held HEPA vacuum devices, polyethylene plastic containment, or isolation of work area by closing room door. 3. Remove or isolate return air diffusers to avoid dust from entering the HVAC system. 4. Remove or isolate the supply air diffusers to avoid positive pressurization of the space, 5. If work area is contained, then it must be neutrally to negatively always pressurized. 6. Seal all doors with tape that will not leave residue. 7. Contain all trash and debris in the work area. 8. Nonporous/smooth and cleanable containers (with a hard lid) must be used to transport trash and debris from the construction areas. These containers must be damp-wiped cleaned and free of visible dust/debris before leaving the contained work area. 9. Install an adhesive (dust collection) mat at entrance of contained work area based on facility policy. Adhesive mats must be changed routinely and when visibly soiled. 10. Maintain clean surroundings when area is not contained by damp mopping or HEPA vacuuming surfaces.
CLASS IV	1. Construct and complete critical barriers meeting NFPA 241 requirements including: Barriers must extend to the ceiling or, if ceiling tile is removed, to the deck above, and all penetrations through the barrier shall meet the appropriate fire rating requirements. 2. All (plastic or hard) barrier construction activities must be completed in a manner that prevents dust release. Plastic barriers must be effectively affixed to ground and ceiling and secure from movement or damage. Apply tape that will not leave a residue to seal gaps between barriers, ceiling or floor. 3. Seal all penetrations in containment barriers, including floors and ceiling, using approved materials (UL schedule firestop if applicable for barrier type). 4. Containment units or environmental containment units (ECUs) approved for Class IV precautions in small areas totally contained by the unit and that has HEPA-filtered exhaust air. 5. Remove or isolate return air diffusers to avoid dust entering the HVAC system. 6. Remove or isolate the supply air diffusers to avoid positive pressurization of the space. 7. Negative airflow pattern must be maintained from the entry point to the anteroom and into the construction area. The airflow must cascade from outside to inside the construction area. The entire construction area must remain negatively pressurized. 8. Maintain negative pressurization of the entire workspace by use of HEPA exhaust air systems directed outdoors. Exhaust discharged directly to the outdoors that is 25 feet or greater from entrances, air intakes and windows does not require HEPA-filtered air. 9. If exhaust is directed indoors, then the system must be HEPA filtered. Prior to start of work, HEPA filtration must be verified by particulate measurement as no less than 99.97% efficiency and must not alter or change airflow/pressure relationships in other areas. 10. Exhaust into shared or recirculating HVAC systems, or other shared exhaust systems (e.g., bathroom exhaust) is not acceptable. 11. Install device on exterior of work containment to continually monitor negative pressurization. To assure proper pressure is continuously maintained, it is recommended that the device(s) have a visual pressure indicator. 12. Contain all trash and debris in the work area. 13. Nonporous/smooth and cleanable containers (with a hard lid) must be used to transport trash and debris from the construction areas. These containers must be damp-wiped cleaned and free of visible dust/debris before leaving the contained work area. 14. Worker clothing must be clean and free of visible dust before leaving the work area. HEPA vacuuming of clothing or use of cover suits is acceptable. 15. Workers must wear shoe covers prior to entry into the work area. Shoe covers must be changed prior to exiting the anteroom to the occupied space (non-work area). Damaged shoe covers must be immediately changed. 16. Install an adhesive (dust collection) mat at entrance of contained work area based on facility policy. Adhesive mats must be changed routinely and when visibly soiled. 17. Consider collection of particulate data during work to monitor and ensure that contaminates do not enter the occupied spaces. Routine collection of particulate samples may be used to verify HEPA filtration efficiencies.
CLASS V	1. Construct and complete critical barriers meeting NFPA 241 requirements including: Barriers must extend to the ceiling, or if ceiling tile is removed, to the deck above, and all penetrations through the barrier shall meet the appropriate fire rating requirements. 2. All (plastic or hard) barrier construction activities must be completed in a manner that prevents dust release. Plastic barriers must be effectively affixed to ground and ceiling and secure from movement or damage. Apply tape that will not leave a residue to seal gaps between barriers, ceiling or floor. 3. Seal all penetrations in containment barriers, anteroom barriers, including floors and ceiling using approved materials (UL schedule firestop if applicable for barrier type). 4. Construct anteroom large enough for equipment staging, cart cleaning, workers. The anteroom must be constructed adjacent to entrance of construction work area. 5. Personnel will be required to wear disposable coveralls at all times during Class V work activities. Disposable coveralls must be removed before leaving the anteroom. 6. Remove or isolate return air diffusers to avoid dust entering the HVAC system. 7. Remove or isolate the supply air diffusers to avoid positive pressurization of the space. 8. Negative airflow pattern must be maintained from the entry point to the anteroom and into the construction area. The airflow must cascade from outside to inside the construction area. The entire construction area must remain negatively pressurized. 9. Maintain negative pressurization of the entire workspace using HEPA exhaust air systems directed outdoors. Exhaust discharged directly to the outdoors that is 25 feet or greater from entrances, air intakes and windows do not require HEPA-filtered air. 10. If exhaust is directed indoors, then the system must be HEPA filtered. Prior to start of work, HEPA filtration must be verified by particulate measurement as no less than 99.97% efficiency and must not alter or change airflow/pressure relationships in other areas. 11. Exhaust into shared or recirculating HVAC systems, or other shared exhaust systems (bathroom exhaust) is not acceptable. 12. Install device on exterior of work containment to continually monitor negative pressurization. To assure proper pressure is continuously maintained, it is recommended that the device(s) have a visual pressure indicator. 13. Contain all trash and debris in the work area. 14. Nonporous/smooth and cleanable containers (with a hard lid) must be used to transport trash and debris from the construction areas. These containers must be damp-wiped cleaned and free of visible dust/debris before leaving the contained work area. 15. Worker clothing must be clean and free of visible dust before leaving the work area anteroom. 16. Workers must wear shoe covers prior to entry into the work area. Shoe covers must be changed prior to exiting the anteroom to the occupied space (non-work area). Damaged shoe covers must be immediately changed. 17. Install an adhesive (dust collection) mat at entrance of contained work area based on facility policy. Adhesive mats must be changed routinely and when visibly soiled. 18. Consider collection of particulate data during work to monitor and ensure that contaminates do not enter the occupied spaces. Routine collection of particulate samples may be used to verify HEPA filtration efficiencies.

Minimum Required Infection Control Precautions | Upon Completion of Work Activity

CLASSES I, II, & III	Cleaning: 1. Perform Clean work areas including all environmental surfaces, high horizontal surfaces, and flooring materials. 2. Check all supply and return air registers for dust accumulation on upper surfaces as well as air diffuser surfaces. HVAC Systems: 1. Remove isolation of HVAC system in areas where work is being performed. Verify that HVAC systems are clean and operational. 2. Verify the HVAC systems meet original airflow and air exchange design specifications.
CLASSES IV & V	Class III (Type C Activities only), IV, and V precautions require inspection and documentation for downgraded ICRA precautions. Construction areas must be inspected by an infection preventionist or designee and engineering representative for discontinuation or downgrading of ICRA precautions. Work Area Cleaning: 1. 1. Clean work areas including all environmental surfaces, high horizontal surfaces, and flooring materials. 2. 2. Check all supply and return air registers for dust accumulation on upper surfaces as well as air diffuser surfaces. Removal of Critical Barriers: 1. Clean Critical barriers must remain in place during all work involving drywall removal, creation of dust and activities beyond simple touch-up work. The barrier may NOT be removed until a work area cleaning has been performed. 2. All (plastic or hard) barrier removal activities must be completed in a manner that prevents dust release. Use the following precautions when removing hard barriers: A. Carefully remove screws and painter tape. B. If dust will be generated during screw removal, use hand-held HEPA vacuum. C. Drywall cutting is prohibited during removal process. D. Clean all stud tracks with HEPA vacuum before removing outer hard barrier E. Use a plastic barrier to enclose area if dust could be generated. Negative Air Requirements: 1. The use of negative air must be designed to remove contaminates from the work area. 2. Negative air devices must always remain operational and in place for a period after completion of dust creating activities to remove contaminants from the work area and before removal of critical barriers. HVAC systems: 1. Upon removal of critical barriers, remove isolation of HVAC system in areas where work is being performed. 2. Verify that HVAC systems are clean and operational. 3. Verify the HVAC systems meets original airflow and air exchange design specifications.

Attachment A: Infection Control Construction Permit		Project No:	
Location of Construction:		Project Start Date:	
Project Coordinator:		Estimated Duration:	
Constractor Performing Work:		Permit Expiration Date:	
Supervisor:		Telephone:	
Permit Request Signature:		Date:	
Permit Authorized Signature:		Date:	

YES	NO	CONSTRUCTION ACTIVITY	YES	NO	INFECTION CONTROL RISK GROUP
☐	☐	TYPE A: Inspection, non-invasive activity.	☐	☐	GROUP 1: LOW RISK
☐	☐	TYPE B: Small scale, short duration.	☐	☐	GROUP 2: MEDIUM RISK
☐	☐	TYPE C: Activity generates moderate to high levels of dust.Requires consecutive work shifts.	☐	☐	GROUP 3: HIGH RISK
☐	☐	TYPE D: Major demolition and construction activities. Requires concesecutive work shifts.	☐	☐	GROUP 4: HIGHEST RISK

Assigned CLASS	**CLASS I** ☐ **CLASS II** ☐ **CLASS III** ☐ **CLASS IV** ☐ **CLASS V** ☐ *See below for mandatory CLASS requirements
CLASS I	1. Perform noninvasive work activity as to not block or interrupt patient care.
	2. Perform noninvasive work activities in areas that are not directly occupied with patients.
	3. Perform noninvasive work activity in a manner that does not create dust.
	4. Immediately replace any displaced ceiling tile before leaving the area and/or at end of noninvasive work activity.
	5. Clean work areas including all environmental surfaces, high horizontal surfaces, and flooring materials.
	6. Check all supply and return air registers for dust accumulation on upper surfaces as well as air diffuser surfaces.
	7. Remove isolation of HVAC system in areas where work is being performed. Verify that HVAC systems are clean and operational.
	8. Verify the HVAC systems meet original airflow and air exchange design specifications.
CLASS II **Implement all activities from CLASS I in addition to:	1. Perform only limited dust work and/or activities designed for basic facilities and engineering work.
	2. Perform limited dust and invasive work following standing precautions procedures approved by the organization.
	3. This Class of Precautions must never be used for construction or renovation activities.
CLASS III **Implement all activities from CLASS I & II in addition to:	1. Provide active means to prevent airborne dust dispersion into the occupied areas.
	2. Means for controlling minimal dust dispersion may include hand-held HEPA vacuum devices, polyethylene plastic containment, or isolation of work area by closing room door.
	3. Remove or isolate return air diffusers to avoid dust from entering the HVAC system.
	4. Remove or isolate the supply air diffusers to avoid positive pressurization of the space.
	5. If work area is contained, then it must be neutrally to negatively pressurized at all times.
	6. Seal all doors with tape that will not leave residue.
	7. Contain all trash and debris in the work area.
	8. Nonporous/smooth and cleanable containers (with a hard lid) must be used to transport trash and debris from the construction areas. These containers must be damp-wiped cleaned and free of visible dust/debris before leaving the contained work area.
	9. Install an adhesive (dust collection) mat at entrance of contained work area based on facility policy. Adhesive mats must be changed routinely and when visibly soiled.
	10. Maintain clean surroundings when area is not contained by damp mopping or HEPA vacuuming surfaces.
	11. Critical barriers must remain in place during all work involving drywall removal, creation of dust and activities beyond simple touch-up work. The barrier may NOT be removed until a work area cleaning has been performed.
	12. All (plastic or hard) barrier removal activities must be completed in a manner that prevents dust release. Use the following precautions when removing hard barriers: Carefully remove screws and painter tape, if dust will be generated during screw removal, use hand-held HEPA vacuum. Drywall cutting is prohibited during removal process. Clean all stud tracks with HEPA vacuum before removing outer hard barrier. Use a plastic barrier to enclose area if dust could be generated.
	13. The use of negative air must be designed to remove contaminates from the work area.
	14. Negative air devices must always remain operational and in place for a period after completion of dust creating activities to remove contaminants from the work area and before removal of critical barriers.
	1. Construct and complete critical barriers meeting NFPA 241 requirements including: Barriers must extend to the ceiling or, if ceiling tile is removed, to the deck above, and all penetrations through the barrier shall meet the appropriate fire rating requirements.
	2. All (plastic or hard) barrier construction activities must be completed in a manner that prevents dust release. Plastic barriers must be effectively affixed to ground and ceiling and secure from movement or damage. Apply tape that will not leave a residue to seal gaps between barriers, ceiling or floor.
	3. Seal all penetrations in containment barriers, including floors and ceiling, using approved materials (UL schedule firestop if applicable for barrier type).
	4. Containment units or environmental containment units (ECUs) approved for Class IV precautions in small areas totally contained by the unit and that has HEPA-filtered exhaust air.
	5. Negative airflow pattern must be maintained from the entry point to the anteroom and into the construction area. The airflow must cascade from outside to inside the construction area. The entire construction area must remain negatively pressurized.
	6. Maintain negative pressurization of the entire workspace by use of HEPA exhaust air systems directed outdoors. Exhaust discharged directly to the outdoors that is 25 feet or greater from entrances, air intakes and windows does not require HEPA-filtered air.
	7. If exhaust is directed indoors, then the system must be HEPA filtered. Prior to start of work, HEPA filtration must be verified by particulate measurement as no less than 99.97% efficiency and must not alter or change airflow/pressure relationships in other areas.
	8. Exhaust into shared or recirculating HVAC systems, or other shared exhaust systems (e.g., bathroom exhaust) is not acceptable.
	9. Install device on exterior of work containment to continually monitor negative pressurization. To assure proper pressure is continuously maintained, it is recommended that the device(s) have a visual pressure indicator.
	10. Worker clothing must be clean and free of visible dust before leaving the work area. HEPA vacuuming of clothing or use of cover suits is acceptable.
	11.Workers must wear shoe covers prior to entry into the work area. Shoe covers must be changed prior to exiting the anteroom to the occupied space (non-work area). Damaged shoe covers must be immediately changed.
	12. Consider collection of particulate data during work to monitor and ensure that contaminates do not enter the occupied spaces. Routine collection of particulate samples may be used to verify HEPA filtration efficiencies.
	1. Construct anteroom large enough for equipment staging, cart cleaning, workers. The anteroom must be constructed adjacent to entrance of construction work area.
	2. Personnel will be required to always wear disposable coveralls during Class V work activities. Disposable coveralls must be removed before leaving the anteroom.

Revisions:	Date:

CONSULTANT

ARCHITECT / ENGINEER OF RECORD

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STAMP: BRYON RUMPLER LICENSED 6510 KANSAS ARCHITECT 1-23-2026

Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

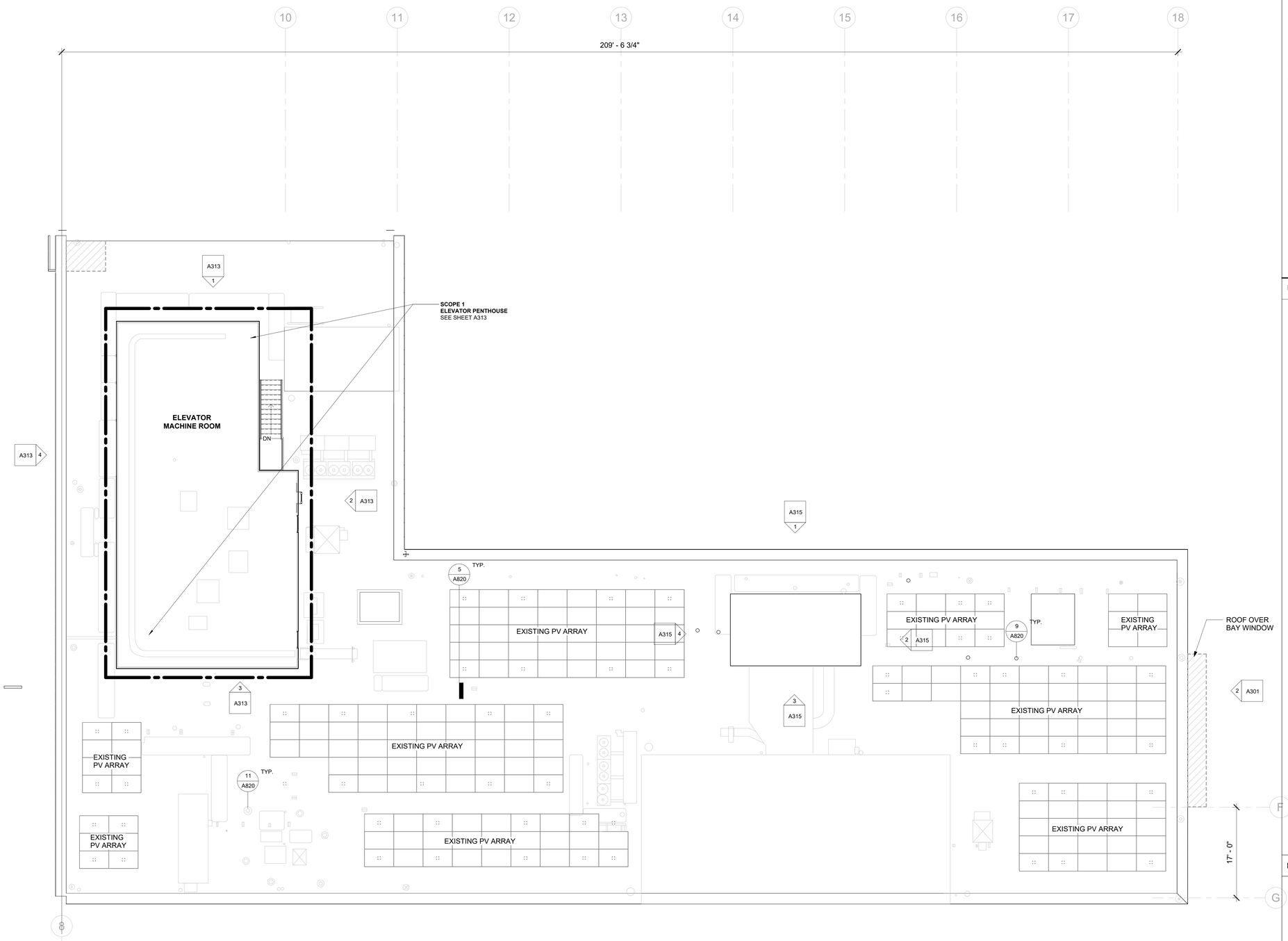
Drawing Title	Phase	Project Title	Project Number
ICRA MATRIX FOR CORRIDOR WORK	100% NOT FOR CONSTRUCTION BID DOCUMENTS	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	570-21-108
			Building Number
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Drawing Number
		Issue Date: 1-23-2026 / Checked: AR / Drawn: TL	A403

VA FORM 08 - 6231

Autodesk Docs://FRE2201 - Fresno Repair Exterior Finishes, Building 1 & Outpatient/FRE2201-A - VA Fresno Exterior.rvt 1/26/2026 5:01:58 PM

SCOPE 3

ROOF REPAIR LOWER ROOF OF OPC & WEST WING BUILDING 1



1 ROOF - B1 EAST
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. ALL ROOFTOP EQUIPMENT LOCATIONS SHOWN ARE APPROXIMATE BASED OFF OF THE INFORMATION AVAILABLE; LOCATIONS OF ROOFTOP EQUIPMENT, PENETRATIONS, AND EQUIPMENT CURBS ARE TO BE VERIFIED IN FIELD PRIOR TO COMMENCEMENT OF ANY ROOFTOP REPAIRS OR ROOFING SYSTEM REPLACEMENTS OUTLINED IN THE SCOPE OF WORK

3.0 - SCOPE 3 - ROOF REPAIR OF LOWER ROOF OF OPC & WEST WING BUILDING 1: (SEE A820 SERIES)

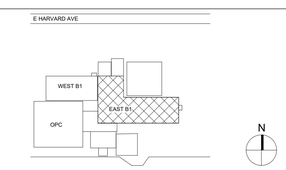
SCOPE OF WORK: INCLUDES CLEANING OF ROOF WHERE LEAKS ARE OCCURRING, AND THE REMOVAL OF DEBRIS AND ABANDONED EQUIPMENT. CLEAN ROOF, REMOVING ANY ORGANIC MATERIALS FROM ROOF SURFACE. EXAMINE THE DECK FROM FLOOR BELOW TO DETERMINE THE EXTENT OF LEAKAGE THAT IS OCCURRING AND OBSERVING WHERE THE LEAKAGE EMANATES FROM. REMOVE ROOFING MEMBRANE DOWN TO INSULATION AND FLASHINGS IN THE AREA OF THE ROOF FAILURE. REMOVE COVER BOARD AND INSULATION THAT HAS INCURRED MOISTURE DAMAGE. REMOVE ANY ROOFING MATERIALS THAT EXHIBIT MOLD GROWTH. REPLACE ROOF INSULATION, MAINTAINING PROPER SLOPES TO DRAINS, COVER BOARDS, AND CUT-IN NEW ROOFING MEMBRANE PER MANUFACTURER'S REPAIR DETAILS FOR EXISTING MEMBRANE. RESET ROOF DRAINS IN THE AREA OF THE LEAKAGE, WITH MEMBRANE CLAMPED INTO DRAIN. SECURE DRAIN DOME OR REPLACE DOME IF MISSING. REPLACE FLASHING USING ROOFING MANUFACTURER'S APPROVED MATERIALS. RESEAL AROUND FLASHINGS, ROOFTOP EQUIPMENT, ETC. TO ENSURE AREAS VULNERABLE TO WATER INFILTRATION HAVE BEEN REPAIRED. FLOOD TEST FINISHED WORK TO PROVE EFFICACY OF REPAIR.

TEMPORARY PROTECTION AND MEASURES: REMOVAL SHALL BE DONE IN SECTIONS, COORDINATED WITH INSTALLATION OF NEW REPLACEMENT ROOF SO THAT ONLY A LIMITED PORTION OF THE ROOF IS EXPOSED AT ANY ONE TIME. PROVIDE APPROPRIATE LEVEL OF INFECTION CONTROL (ICRA) DURING CONSTRUCTION.

LEGEND

- ROOF PIPE SUPPORT BLOCKS
- ROOF ANCHOR POINTS
- ROOF VENT CAP
- ROOF STORM DRAIN
- ROOF MAT PAD
- MECHANICAL FAN UNIT
- ROOF FAN COOLING UNIT
- AREA OF WORK FOR SCOPE 3. REFER TO SHEET G002

KEYPLAN



Revisions:	Date:
.	.

CONSULTANT

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STAMP

AARON RUMPLER LICENSED 6510 KANSAS ARCHITECT 1-23-2026

Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 1 ROOF PLAN - EAST WING

Approved: Project Director

Phase: 100% NOT FOR CONSTRUCTION BID DOCUMENTS

FULLY SPRINKLERED

Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC

Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223

Issue Date: 1-23-2026

Checked: AR

Drawn: TL

Project Number: 570-21-108

Building Number:

Drawing Number: A501

VA FORM 08 - 6231

Autodesk Docs://FRE2201 - Fresno Repair Exterior Finishes, Building 1 & Outpatient/FRE2201-A - VA Fresno Exterior.rvt

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SCOPE 3

ROOF REPAIR LOWER ROOF OF OPC & WEST WING BUILDING 1

ADD ALTERNATE 2 & 3

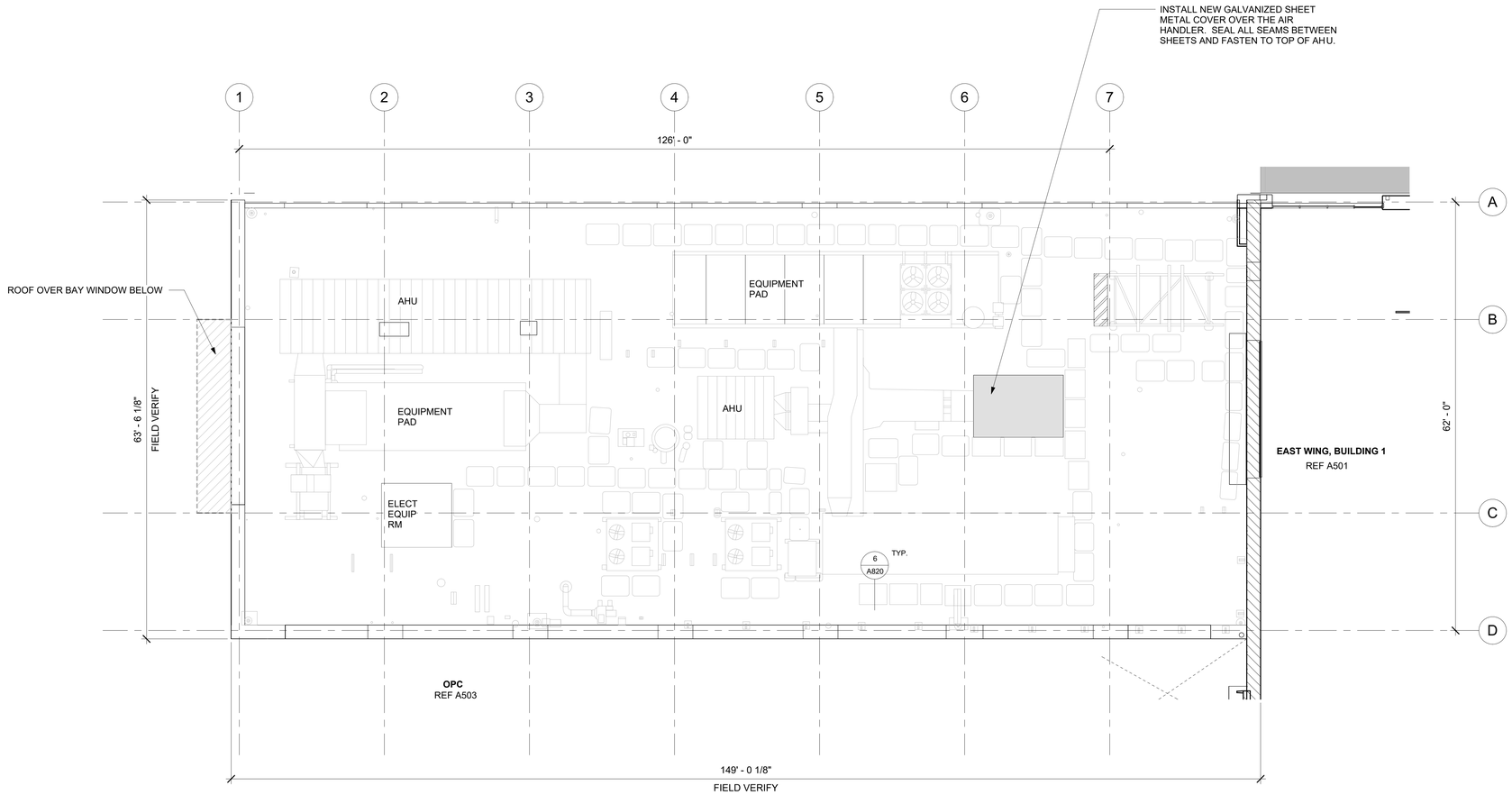
SCOPE 7

BUILDING 1 WEST WING ROOF, BRIDGE ROOF & CHAPEL ROOF REPLACEMENT

3.0 - SCOPE 3 - ROOF REPAIR OF LOWER ROOF OF OPC & WEST WING BUILDING 1: (SEE A820 SERIES)

SCOPE OF WORK: INCLUDES CLEANING OF ROOF WHERE LEAKS ARE OCCURRING, AND THE REMOVAL OF DEBRIS AND ABANDONED EQUIPMENT. CLEAN ROOF, REMOVING ANY ORGANIC MATERIALS FROM ROOF SURFACE. EXAMINE THE DECK FROM FLOOR BELOW TO DETERMINE THE EXTENT OF LEAKAGE THAT IS OCCURRING AND OBSERVING WHERE THE LEAKAGE EMANATES FROM. REMOVE ROOFING MEMBRANE DOWN TO INSULATION AND FLASHINGS IN THE AREA OF THE ROOF FAILURE. REMOVE COVER BOARD AND INSULATION THAT HAS INCURRED MOISTURE DAMAGE. REMOVE ANY ROOFING MATERIALS THAT EXHIBIT MOLD GROWTH. REPLACE ROOF INSULATION, MAINTAINING PROPER SLOPES TO DRAINS, COVER BOARDS, AND CUT-IN NEW ROOFING MEMBRANE PER MANUFACTURER'S REPAIR DETAILS FOR EXISTING MEMBRANE. RESET ROOF DRAINS IN THE AREA OF THE LEAKAGE, WITH MEMBRANE CLAMPED INTO DRAIN. SECURE DRAIN DOME OR REPLACE DOME IF MISSING. REPLACE FLASHING USING ROOFING MANUFACTURER'S APPROVED MATERIALS. RESEAL AROUND FLASHINGS, ROOFTOP EQUIPMENT, ETC. TO ENSURE AREAS VULNERABLE TO WATER INFILTRATION HAVE BEEN REPAIRED. FLOOD TEST FINISHED WORK TO PROVE EFFICACY OF REPAIR.

TEMPORARY PROTECTION AND MEASURES: REMOVAL SHALL BE DONE IN SECTIONS, COORDINATED WITH INSTALLATION OF NEW REPLACEMENT ROOF SO THAT ONLY A LIMITED PORTION OF THE ROOF IS EXPOSED AT ANY ONE TIME. PROVIDE APPROPRIATE LEVEL OF INFECTION CONTROL (ICRA) DURING CONSTRUCTION.



2 ROOF - B1 WEST
SCALE: 1/8" = 1'-0"

7.0 - SCOPE 7 - BUILDING 1 WEST WING ROOF, BRIDGE ROOF & CHAPEL ROOF REPLACEMENT: (SEE A820 SERIES)

7.1 - REPLACE EXISTING ROOFING MATERIAL, ACCESSORIES WITH NEW SINGLE PLY ROOFING SYSTEM AND NEW ACCESSORIES

DEMOLITION: FOR THIS SCOPE OF WORK DEMOLITION INCLUDES THE REMOVAL OF ALL BALLAST, BUILT-UP ROOFING MEMBRANE, WALK-WAY PADS, SHEATHING/COVER BOARDS, AND INSULATION DOWN TO CONCRETE ROOF DECK, AND REMOVE FLASHINGS AROUND PIPE AND DUCT PENETRATIONS. CUT BACK ROOFING AT PARAPETS VERTICALLY UP TO 30 INCHES ABOVE FINISHED ROOF SURFACE, PROTECT THROUGH-WALL FLASHING. AT AIR HANDLERS, EXPOSED MECHANICAL EQUIPMENT, FANS AND EQUIPMENT ROOMS LIFT EXISTING FLASHING TO ALLOW FOR NEW ROOFING MEMBRANE AND FLASHING TO BE INSTALLED UP TO THE TOP OF THE CURB AROUND AIR HANDLERS AND EQUIPMENT ROOMS. REMOVAL SHALL BE DONE IN SECTIONS, COORDINATED WITH INSTALLATION OF NEW REPLACEMENT ROOF SO THAT ONLY A LIMITED PORTION OF THE ROOF IS EXPOSED AT ONE TIME. PROVIDE PROTECTION FOR INCLEMENT WEATHER OF EXPOSED AREAS DURING REROOFING. DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS. PROVIDE FOR APPROPRIATE LEVEL OF INFECTION CONTROL DURING ALL PHASES OF CONSTRUCTION. EXISTING DUNNAGE MAY BE LIFTED AND REMOVED IF NO LONGER REQUIRED BY VA AFTER VERIFICATION WITH VA.

NEW WORK: NEW WORK INCLUDES INSTALLATION OF COMPLETE NEW ROOFING FULLY-ADHERED SINGLE-PLY SYSTEM INCLUDING VAPOR BARRIER ON CONCRETE SUBSTRATE, TAPERED ROOF INSULATION, SHEATHING, SINGLE-PLY (MINIMUM 60 MIL THICK) MEMBRANE, WALK-WAY PADS, STAINLESS STEEL FLASHINGS, PREFORMED FLASHINGS FOR PIPE AND DUNNAGE SUPPORT PENETRATIONS, PIPE SUPPORTS, ETC. AT THE PARAPET PROVIDE NEW STAINLESS STEEL FLASHING AND COUNTER FLASHING AT NEW CUT-IN REGLET AROUND ENTIRE PARAPET TO RECEIVE NEW ROOFING MEMBRANE FLASHING. MAINTAIN OPERATION OF ALL MECHANICAL EQUIPMENT, VENTS, AND DEVICES ON ROOF DURING REROOFING.
AT THE SMALL AIR HANDLING UNIT, IDENTIFIED IN THE DRAWINGS, PROVIDE A NEW GALVANIZED SHEET METAL COVER OVER THE TOP OF THE ENTIRE UNIT. EDGES SHALL BE EXTENDED DOWN OVER THE FACE OF THE UNIT AND ALL SEAMS SHALL BE LAPPED AND SEALED. FASTEN COVER TO UNIT TO TOP OF UNIT OR STRAP DOWN TO PREVENT UPLIFT OF COVER. ALL FASTENERS SHALL BE STAINLESS STEEL.

7.2 - REPLACE EXISTING ROOFING MATERIAL, ACCESSORIES WITH NEW SINGLE PLY ROOFING SYSTEM AND NEW ACCESSORIES AT CHAPEL ROOF

DEMOLITION: FOR THIS SCOPE OF WORK INCLUDES THE REMOVAL OF ALL BALLAST, BUILT-UP ROOFING MEMBRANE, WALK-WAY PADS, SHEATHING/COVER BOARDS, AND INSULATION DOWN TO CONCRETE ROOF DECK, AND REMOVE FLASHINGS AROUND PIPE AND DUCT PENETRATIONS. REMOVE SECTIONS OF ALUMINUM COPING TO ENABLE INSTALLATION OF NEW ROOFING MEMBRANE. SALVAGE UNDAMAGED COPING SECTIONS FOR REINSTALLATION. AT AIR HANDLERS, EXPOSED MECHANICAL EQUIPMENT AND FANS, LIFT EXISTING FLASHING TO ALLOW FOR NEW ROOFING MEMBRANE AND FLASHING TO BE INSTALLED UP TO THE TOP OF THE CURB AROUND AIR HANDLERS, EXPOSED MECHANICAL EQUIPMENT AND FANS. REMOVAL SHALL BE DONE IN SECTIONS, COORDINATED WITH INSTALLATION OF NEW REPLACEMENT ROOF SO THAT ONLY A LIMITED PORTION OF THE ROOF IS EXPOSED AT ONE TIME. PROVIDE PROTECTION FOR INCLEMENT WEATHER OF EXPOSED AREAS DURING REROOFING. DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS. PROVIDE FOR APPROPRIATE LEVEL OF INFECTION CONTROL DURING ALL PHASES OF CONSTRUCTION.

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7.2.1 EXPANSION JOINT BETWEEN CHAPEL ROOF AND OPC: REMOVE EXISTING EXPANSION JOINT COVER AND SEALANTS USED TO INSTALL THE EXPANSION JOINT COVER. REPLACE WITH NEW EXPANSION JOINT COVER FORMED FROM 16 GA (MIN. THICKNESS) 304 STAINLESS STEEL SHEET. FORM COVER JOINT TO ACHIEVE THE REQUIRED SEISMIC MOVEMENTS AND WITH PROPER SLOPE OF MINIMUM 5% AWAY FROM THE OPC TO THE CHAPEL ROOF. INSTALL NEW EXPANSION JOINT COVER, ENSURING PROPER SEALED OVERLAP OF SECTIONS AND SEAL COVER JOINT TO SUBSTRATES WITH COUNTER FLASHINGS AND PROPER EMBEDMENT IN COMPATIBLE SEALANT.

LEGEND

- ROOF PIPE SUPPORT BLOCKS
- ROOF ANCHOR POINTS
- MUSHROOM EXHAUST FAN
- ROOF VENT CAP
- ROOF STORM DRAIN
- ROOF CAMERA
- ROOF WALKWAY PAD
- MECHANICAL FAN UNIT
- ROOF FAN COOLING UNIT
- UTILITY EXHAUST
- AREA OF WORK. REFER TO SCOPE 7 ON G002

Revisions:	Date:

CONSULTANT

ARCHITECT / ENGINEER OF RECORD

paradigm
Architecture | Engineering | Design-Build
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AARON RUMPLER LICENSED 6510 KANSAS ARCHITECT 1-23-2026

Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 1 ROOF PLAN - WEST WING

Approved: Project Director

Phase: 100% NOT FOR CONSTRUCTION BID DOCUMENTS

FULLY SPRINKLERED

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ADD ALTERNATE 1

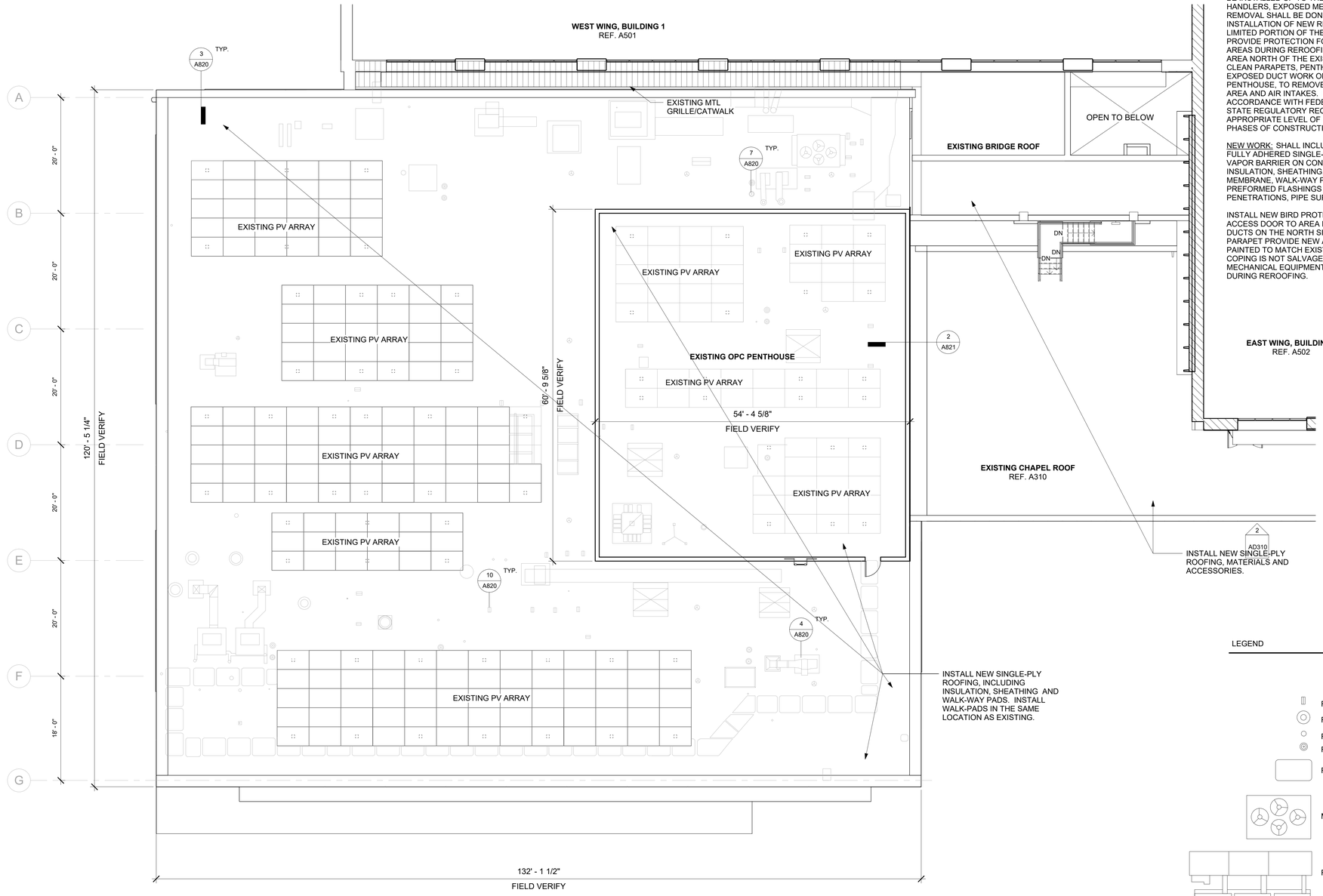
SCOPE 6

OPC BALLAST ROOF DEMOLITION

ADD ALTERNATE 2 & 3

SCOPE 7

BUILDING 1 WEST WING ROOF, BRIDGE ROOF & CHAPEL ROOF REPLACEMENT



1 OPC ROOF
SCALE: 1/8" = 1'-0"

6.0 - SCOPE 6 - OPC BALLAST ROOF REPLACEMENT: (SEE A820 SERIES)

DEMOLITION: FOR THIS SCOPE OF WORK INCLUDES THE REMOVAL OF ALL BALLAST, BUILT-UP ROOFING MEMBRANE, WALK-WAY PADS, SHEATHING/COVER BOARDS, AND INSULATION DOWN TO CONCRETE ROOF DECK, AND REMOVE FLASHINGS AROUND PIPE AND DUCT PENETRATIONS. REMOVE SECTIONS OF ALUMINUM COPING TO ENABLE INSTALLATION OF NEW ROOFING MEMBRANE. SALVAGE UNDAMAGED COPING SECTIONS FOR REINSTALLATION. AT AIR HANDLERS, EXPOSED MECHANICAL EQUIPMENT AND FANS, LIFT EXISTING FLASHING TO ALLOW FOR NEW ROOFING MEMBRANE AND FLASHING TO BE INSTALLED UP TO THE TOP OF THE CURB AROUND AIR HANDLERS, EXPOSED MECHANICAL EQUIPMENT AND FANS. REMOVAL SHALL BE DONE IN SECTIONS, COORDINATED WITH INSTALLATION OF NEW REPLACEMENT ROOF SO THAT ONLY A LIMITED PORTION OF THE ROOF IS EXPOSED AT ONE TIME. PROVIDE PROTECTION FOR INCLEMENT WEATHER OF EXPOSED AREAS DURING REROOFING. REMOVE BIRD PROTECTION TO AREA NORTH OF THE EXISTING PENTHOUSE. THOROUGHLY CLEAN PARAPETS, PENTHOUSE WALLS, EQUIPMENT, AND EXPOSED DUCT WORK ON THE NORTH SIDE OF THE PENTHOUSE, TO REMOVE BIRD EXCREMENT AND SANITIZE AREA AND AIR INTAKES. DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS. PROVIDE FOR APPROPRIATE LEVEL OF INFECTION CONTROL DURING ALL PHASES OF CONSTRUCTION.

NEW WORK: SHALL INCLUDE INSTALLATION OF COMPLETE NEW FULLY ADHERED SINGLE-PLY ROOFING SYSTEM INCLUDING VAPOR BARRIER ON CONCRETE SUBSTRATE, TAPERED ROOF INSULATION, SHEATHING, SINGLE-PLY (MINIMUM 60 MIL THICK) MEMBRANE, WALK-WAY PADS, STAINLESS STEEL FLASHINGS, PREFORMED FLASHINGS FOR PIPE AND DUNNAGE SUPPORT PENETRATIONS, PIPE SUPPORTS, AND DUCT SUPPORTS.

INSTALL NEW BIRD PROTECTION DEVICES AND SCREENS WITH ACCESS DOOR TO AREA IDENTIFIED AROUND EQUIPMENT AND DUCTS ON THE NORTH SIDE OF THE PENTHOUSE. AT THE PARAPET PROVIDE NEW ALUMINUM COPING, FORMED AND PAINTED TO MATCH EXISTING, WHERE REMOVAL OF EXISTING COPING IS NOT SALVAGEABLE. MAINTAIN OPERATION OF ALL MECHANICAL EQUIPMENT, VENTS, AND DEVICES ON ROOF DURING REROOFING.

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- ROOF PIPE SUPPORT BLOCKS
- ROOF ANCHOR POINTS
- ROOF VENT CAP
- ROOF STORM DRAIN
- ROOF MAT PAD
- MECHANICAL FAN UNIT
- ROOF FAN COOLING UNIT
- AREA OF WORK FOR SCOPE 6 AND SCOPE 7. REFER TO SHEET G002

KEYPLAN

Revisions:	Date:

CONSULTANT

ARCHITECT / ENGINEER OF RECORD

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Architecture | Engineering | Design-Build
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STAMP

AARON RUMPLER LICENSED 6510 KANSAS ARCHITECT 1-23-2026

Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	OPC ROOF PLAN
Approved: Project Director	
Phase	100% NOT FOR CONSTRUCTION BID DOCUMENTS
	FULLY SPRINKLERED
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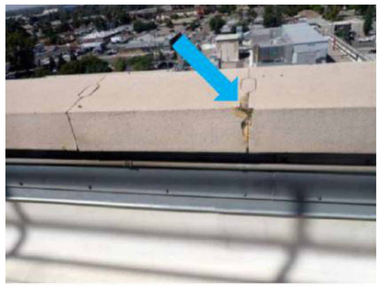
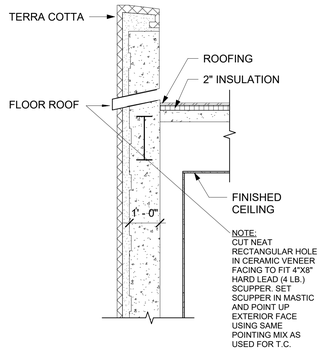


TYP. UNSOUND TERRA COTTA COPING UNIT. NOTE THE SPALL (ARROW).

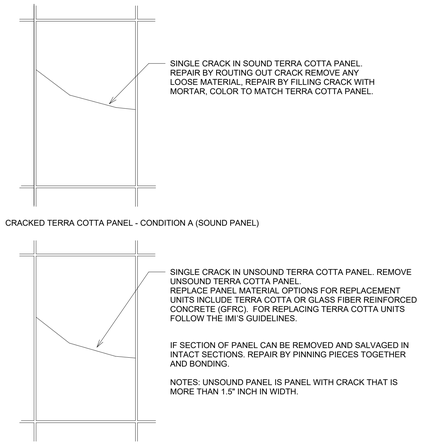
SCOPE 1.2.3C



1 TERRA COTTA PARAPET
SCALE: 1/2" = 1'-0"

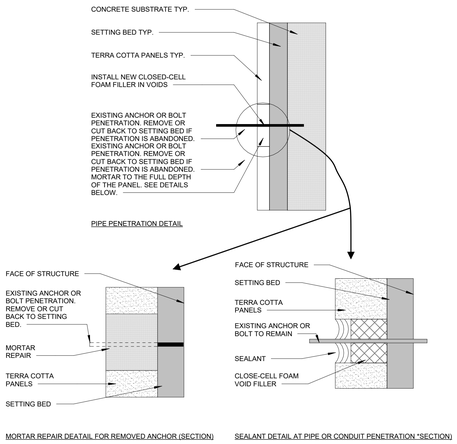
CRACKING AND DETERIORATED TERRA COTTA PANELS

SCOPE 1.2.1, 1.2.2 AND 1.2.3B



2 CRACKED TERRA COTTA PANEL
SCALE: 3/8" = 1'-0"

TYP. MISSING SEALANT (ARROW) AT TERRA COTTA CLADDING PENETRATION.
REF. SCOPE OF WORK 1.2.7



3 TYP. PIPE PENETRATION DETAIL
SCALE: 6" = 1'-0"

NOTES FOR ANCHORING TERRA COTTA:

HORIZONTAL GROOVES - 1"X6" @ 24" VERTICAL CENTERS, UNLESS OTHERWISE NOTED

NO. 6 SOFT GALVANIZED STEEL WIRE LOOP-DOWEL ANCHORS - 12" ON VERTICAL CENTERS, IN VERTICAL LINES GENERALLY BACK OF VERTICAL JOINTS. HORIZONTAL CENTERS 16" MAXIMUM.

1/4" DIAMETER ROUND BLACK STEEL PENCIL RODS PASSED THRU LOOPS OF ANCHORS - DOWEL ENDS OF ANCHORS VENT DOWN AND UNDER RODS TO HOLD RODS AT LEAST 1" OUT FRONT FACE OF CONCRETE. TOP OF PENCIL RODS TO HOOK OVER LOOP OF ANCHOR.

NO. 6 MEDIUM COPPER WIRE LOOSE ANCHORS LET INTO HOLES IN TOP OF TERRA COTTA SLABS AND HOOKED AROUND PENCIL RODS

SCOPE DESCRIPTION

1.2 - TERRA COTTA CLADDING: (SEE DETAIL SHEETS A801-A802)

1.2.1 - UNSOUND AND SIGNIFICANTLY CRACKED TERRA COTTA UNITS: UNITS THAT HAVE CRACKED OR EXHIBIT CONSIDERABLE SPALLING AND HAVE BECOME DISLODGED FROM THEIR ANCHORS AND/OR SEPARATED FROM THE SETTING BED BENEATH. REPAIRS:

- REMOVE AND REPLACE UNITS THAT HAVE MULTIPLE CRACKS AND OR LARGE SPALLED SURFACES. MATERIAL OPTIONS FOR REPLACEMENT UNITS INCLUDE TERRA COTTA OR GLASS FIBER REINFORCED CONCRETE (GFRC). FOR REPLACING TERRA COTTA UNITS, FOLLOW THE INTERNATIONAL MASONRY INSTITUTE'S (IMI) GUIDELINES.
- UNITS THAT ARE SUBSTANTIALLY INTACT CAN BE REMOVED AND RESET WITH NEW STAINLESS-STEEL ANCHORS. FOR RESETTING TERRA COTTA UNITS FOLLOW IMI'S GUIDELINES.

1.2.2 – SOUND CRACKED TERRA COTTA UNITS: REPAIR BY STABILIZING-IN-PLACE UNITS THAT EXHIBIT A SINGLE CRACK BUT ARE OTHERWISE SOUND USING ADDITIONAL PINNING AND/OR ANCHORS WITHOUT REMOVING THE UNIT. CRACKS ARE TO BE SEALED EITHER WITH A COATING OR SEALANT. FOR ANCHORING AND PINNING TERRA COTTA UNITS FOLLOW IMI'S GUIDELINES.

1.2.3.A - TERRA COTTA SILL SPALL, 1.2.3B TERRA COTTA PANELS SPALLS & 1.2.3C TERRA COTTA COPING STONE SPALL: REPAIRS:

- PROVIDE PHOTOGRAPHIC DOCUMENTATION TO VAMC COR WITH EXTENT OF DAMAGE AND REFERENCE LOCATION ON PLANS.
- UNITS AND PANELS THAT ARE SOUND, BUT EXHIBIT LARGE, SPALLED AREAS IN THE TOP OR ROOF SIDE FACE OF THE PANELS, REPAIR BY REMOVING AND REPLACING UNITS. MATERIAL OPTIONS FOR REPLACEMENT UNITS INCLUDE TERRA COTTA OR GLASS FIBER REINFORCED CONCRETE (GFRC). FOR REPLACING TERRA COTTA UNITS FOLLOW THE IMI'S GUIDELINES.
- UNITS AND PANELS THAT EXHIBIT SMALL TO MODERATELY SPALLED SURFACES IN THE IN THE TOP OR ROOF SIDE FACE OF THE PANELS, REPAIR BY USING MORTAR FOR UNGLAZED UNITS; AND FOR GLAZED UNITS TREAT WITH A PROTECTIVE COATING, FOLLOWING THE RECOMMENDATIONS OF THE IMI.
- ANY AND ALL UNITS WITH SPALL AREAS ON THE EXTERIOR FACE OF THE UNIT REPAIR BY REMOVING AND REPLACING UNITS. MATERIAL OPTIONS FOR REPLACEMENT UNITS INCLUDE TERRA COTTA OR GLASS FIBER REINFORCED CONCRETE (GFRC). FOR REPLACING TERRA COTTA UNITS FOLLOW THE IMI'S GUIDELINES.

1.2.7 - DETERIORATED OR MISSING SEALANT JOINTS IN TERRA COTTA CLADDING: REPAIR BY REMOVING ALL SEALANTS THAT HAVE LOST ADHESION AND ARE DISPLACED. CLEAN BACK JOINT TO A SUFFICIENT DEPTH TO ALLOW FULL ADHESION OF SEALANT TO SUBSTRATES. USE SUITABLE BACKER MATERIALS TO ALLOW FOR JOINT SEALANT MOVEMENT. USE MANUFACTURER'S PRIMER IF RECOMMENDED. REPAIR PREPARATION AND SEALANT TYPE SHALL FOLLOW THE RECOMMENDATIONS OF IMI.

Revisions:	Date:

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Approved: Project Director	
	FULLY SPRINKLERED
Location	2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223
Issue Date	1-23-2026
Checked	AR
Drawn	TL
Drawing Number	A801

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Autodesk Docs://FRE2201 - Fresno Repair Exterior Finishes, Building 1 & Outpatient/FRE2201-A - VA Fresno Exterior.rvt
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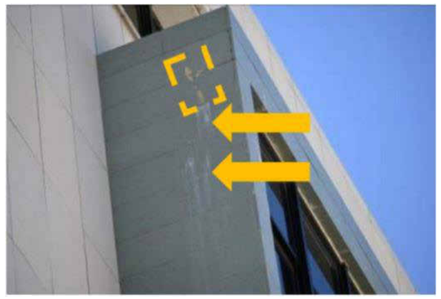
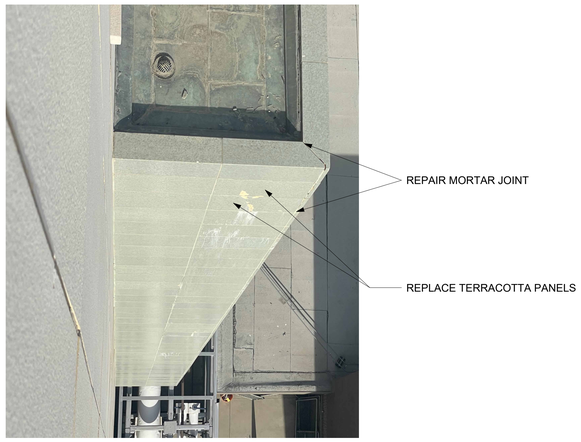
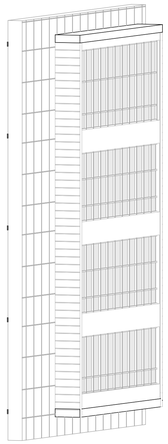


EFFLORESCENCE STAINING (ARROWS) AT TERRA COTTA CLADDING. NOTE GLAZING SPALLS (DASH) ABOVE STAINING. REF. SCOPE OF WORK 1.2.6





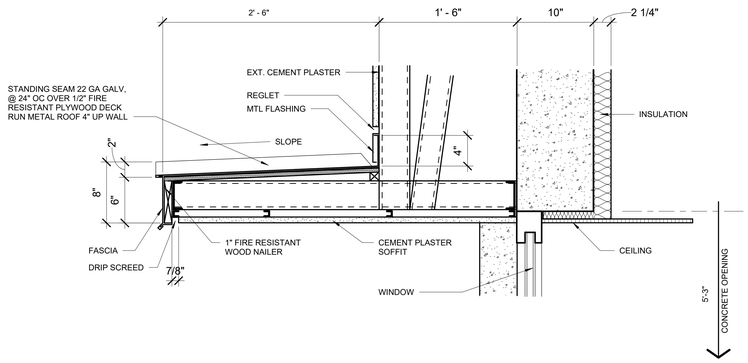
EFFLORESCENCE STAINING

SCOPE DESCRIPTION

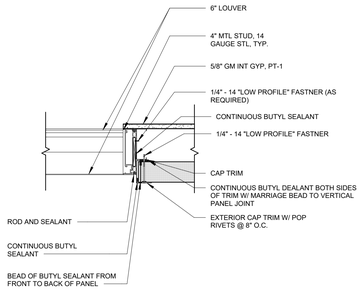
1.2.6 - EFFLORESCENCE AND STAINING IN TERRA COTTA UNITS: BEFORE COMMENCING REPAIR EXAMINE THE ROOT CAUSE OF EFFLORESCENCE AND STAINING TO DETERMINE IF MOISTURE IS DIGRESSING INTO THE CLADDING SYSTEM OR FROM WATER DRIPPING ONTO THE TERRA COTTA SURFACE. ONCE DETERMINED, IMPLEMENT REPAIRS TO WATER INFILTRATION OR SOURCE OF WATER DRIP. REMOVE EFFLORESCENCE AND STAINING FROM THE SURFACE OF THE TERRA COTTA UNITS USING THE LEAST ABRASIVE METHOD TO MAINTAIN THE FINISH OF THE UNITS. REPLACE UNITS IF STAIN CANNOT BE REMOVED. CLEANING PREPARATION METHODS SHALL FOLLOW THE RECOMMENDATIONS OF IMI.

1.5.5 – DETERIORATED METAL SUNSHADES: REMOVE ALL LOOSE COATINGS FROM SUNSHADES AND DETERIORATED SEALANTS. PREPARE SURFACE TO RECEIVE NEW FINISH. PROTECT ALL SURFACES OF ADJACENT MATERIALS FROM NEW FINISH. APPLY 3 COAT PAINT SYSTEM TO METAL SUNSHADES. INSTALL NEW SEALANT TO JOINTS IN METAL SUNSHADES AND BETWEEN SUNSHADES AND ADJACENT CLADDING.

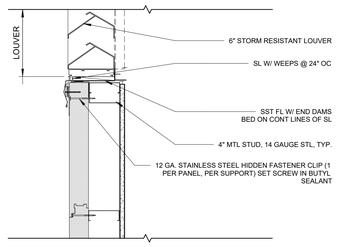
OPC METAL SUNSHADES, TYP.
REF. SCOPE OF WORK 1.5.5



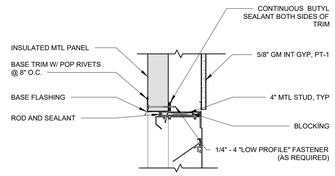
7 OPC SUN SHADE DETAIL
SCALE: 1 1/2" = 1'-0"



5 LOUVER JAMB @ MV-2
SCALE: 1 1/2" = 1'-0"



4 LOUVER SILL @ MV-2
SCALE: 1 1/2" = 1'-0"



3 LOUVER HEAD @ MV-2
SCALE: 1 1/2" = 1'-0"

Revisions:	Date:

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Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: TERRA COTTA/ CONCRETE REPAIR DETAILS CONT.	Phase: 100% NOT FOR CONSTRUCTION BID DOCUMENTS	Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	Project Number: 570-21-108
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Building Number:
		Issue Date: 1-23-2026 / Checked: AR / Drawn: TL	Drawing Number: A802

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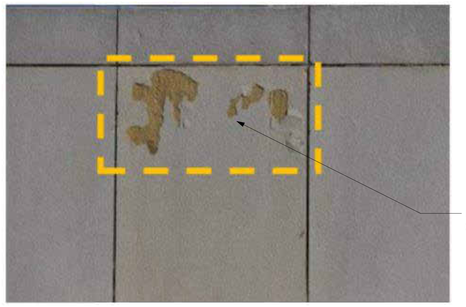
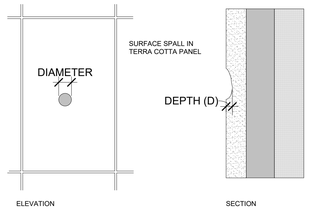


TYP. GLAZING SPALLS (DASH) AT TERRA COTTA CLADDING. REF. SCOPE OF WORK 1.2.3.B

TYP. TERRA COTTA SILL SPALLING AT EDGE OF PANELS REF. 1.2.3.A SCOPE OF WORK



FOR SURFACE SPALLS ON TERRA COTTA PANEL, USE THE FOLLOWING CRITERIA FOR DETERMINING THE METHOD OF REPAIR:

DIAMETER (X)	DEPTH (D)	REPAIR TYPE	COMMENT
X < 1/2"	D < 1/2"	DET X A	
X < 1/2"	D > 1/2"	DET X B	
1/2"<X < 2"	D < 1/2"	DET X A	
1/2"<X < 2"	D > 1/2"	DET X B	
X > 2"	D > 0"	DET Y	FOR MULTIPLE SPALLS LARGER THAN 2" IN DIAMETER, REPLACE PANEL

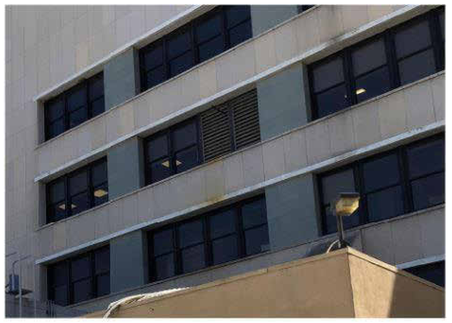
DELTA XA: REMOVE ANY LOOSE TERRA COTTA. APPLY A LOCAL ELASTOMERIC COATING TO SURFACE TO SPALL.

DETAIL XB: REMOVE ANY LOOSE TERRA COTTA. FILL VOID WIHT MORTAR AND APPLY A LOCAL ELASTOMERIC COATING TO SURFACE OF MORTAR REPAIR.

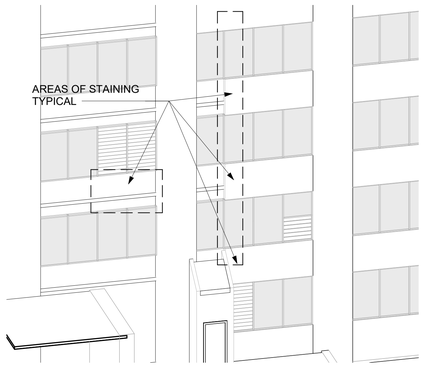
SEE DETAIL FOR TERRA COTTA PANEL REPLACEMENT.

REPAIR DETAIL FOR SURFACE SPALLS ON TERRA COTTA PANEL

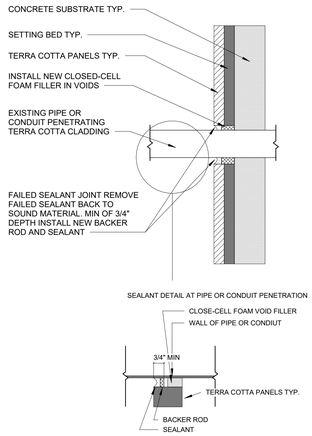
4 TERRA COTTA SPALL REPAIR
SCALE: 1/2" = 1'-0"



FACADE STAINING FROM LOUVER. NOTE THE PIPE PENETRATION REF. SCOPE OF WORK 1.2.6



FACADE STAINING



1 FAILED MORTAR JOINT & SEALANT JOINT DETAIL
SCALE: 1/2" = 1'-0"

SCOPE DESCRIPTION

1.2.3.A - TERRA COTTA SILL SPALL, 1.2.3B TERRA COTTA PANELS SPALLS & 1.2.3C TERRA COTTA COPING STONE SPALL: REPAIRS:

- UNITS AND PANELS THAT ARE SOUND, BUT EXHIBIT LARGE, SPALLED AREAS IN THE FACE OF THE PANELS, REPAIR BY REMOVING AND REPLACING UNITS. MATERIAL OPTIONS FOR REPLACEMENT UNITS INCLUDE TERRA COTTA OR GLASS FIBER REINFORCED CONCRETE (GFRC). FOR REPLACING TERRA COTTA UNITS FOLLOW THE IMI 'S GUIDELINES.
- UNITS AND PANELS THAT EXHIBIT SMALL TO MODERATELY SPALLED SURFACES IN THE FACE OF THE PANELS, REPAIR BY USING MORTAR FOR UNGLAZED UNITS; AND FOR GLAZED UNITS TREAT WITH A PROTECTIVE COATING, FOLLOWING THE RECOMMENDATIONS OF THE IMI.

1.2.6 - EFFLORESCENCE AND STAINING IN TERRA COTTA UNITS: BEFORE COMMENCING REPAIR EXAMINE THE ROOT CAUSE OF EFFLORESCENCE AND STAINING TO DETERMINE IF MOISTURE IS DIGRESSING INTO THE CLADDING SYSTEM OR FROM WATER DRIPPING ONTO THE TERRA COTTA SURFACE. ONCE DETERMINED, IMPLEMENT REPAIRS TO WATER INFILTRATION OR SOURCE OF WATER DRIP. REMOVE EFFLORESCENCE AND STAINING FROM THE SURFACE OF THE TERRA COTTA UNITS USING THE LEAST ABRASIVE METHOD TO MAINTAIN THE FINISH OF THE UNITS. REPLACE UNITS IF STAIN CANNOT BE REMOVED. CLEANING PREPARATION METHODS SHALL FOLLOW THE RECOMMENDATIONS OF IMI.

Revisions:	Date:

CONSULTANT

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Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: TERRA COTTA/ CONCRETE REPAIR DETAILS

Approved: Project Director

Phase: 100% NOT FOR CONSTRUCTION BID DOCUMENTS

FULLY SPRINKLERED

Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC

Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223

Issue Date: 1-23-2026 | Checked: AR | Drawn: TL

Project Number: 570-21-108

Building Number:

Drawing Number: A803

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DETERIORATED MORTAR JOINTS
REF. SCOPE OF WORK 1.2.7

3. Deficiency: Loose Mortar Joints at Panels

   a. Description: Loose mortar is caused by volume changes due to thermal and moisture expansion and contraction in the terra cotta façade and the building. This expansion and contraction is more severe near the parapet levels and most of the noted loose mortar was noted in these areas. It is important that the mortar used to repair this deficiency is compatible with that that of the existing terra cotta. For example, if a mortar of higher strength than the existing terra cotta is used then additional cracks can form when a volume change occurs. The cracking is caused when the higher strength mortar resists the increased stresses and distributes them to the lower strength terra cotta.
   b. Frequency: Typical
   c. Proposed Repair: Re-pointing. Remove loose mortar and re-point with a mortar compatible with terra cotta.
   d. Estimated Repair Cost: (76) Loc x 4LF/Loc x $14.84/LF = $4,512
      Price shown is for cost of work only.
      Refer to Section VIII for Estimate Qualification.

Photograph 37: Loose and Missing Grout At Terra Cotta

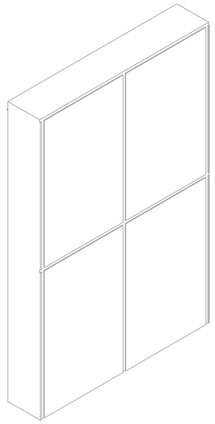
Photograph 38: Loose Mortar Joint at Adhesion Terra Cotta, Panel Sounding Indicates Panel is Adhered

Photograph 39: Loose Mortar at Adhesion Terra Cotta

c. Proposed Repair: Loose or deteriorated mortar should be removed until a sound substrate is reached. Re-point the joint with an appropriate mortar repair material. Ensure that the repair material is compatible with the existing terra cotta panel facade.

Photo 5
Loose and Deteriorated Mortar Joints

Photo 6
Deteriorated Mortar Joints at Adhered Terra Cotta Panels



2 PANEL MORTAR JOINT
SCALE:

NOTES FOR ANCHORING TERRA COTTA:

HORIZONTAL GROOVES - 1"X6" @ 24" VERTICAL CENTERS, UNLESS OTHERWISE NOTED

NO 6 SOFT GALVANIZED STEEL WIRE LOOP-DOWE ANCHORS - 12" ON VERTICAL CENTERS, IN VERTICAL LINES

NOTES FOR ANCHORING TERRA COTTA

HORIZONTAL GROVES - 1" X 6" @ 24" VERTICAL CENTERS. UNLESS OTHERWISE NOTED

NO. 6 SOFT GALVANIZED STEEL WIRE LOOP-DOWEL ANCHORS - 12" ON VERTICAL CENTERS IN VERTICAL LINES GENERALLY BACK OF VERTICAL JOINTS. HORIZONTAL CENTERS - 16" MAXIMUM

1/4" DIAMETER ROUND BLACK STEEL PENCIL RODS PASSED THRU LOOPS OF ANCHORS. DOWEL ENDS OF ANCHORS BENT DOWN AND UNDER RODS TO HOLD RODS AT LEAST 1" OUT FROM FACE OF CONCRETE. TOP OF PENCIL RODS TO HOOK OVER LOOPS OF ANCHORS.

NO. 6 MEDIUM COPPER WIRE LOOSE ANCHORS LET INTO HOLES @ TOP OF TERRA COTTA SLABS AND HOOKED AROUND PENCIL RODS.

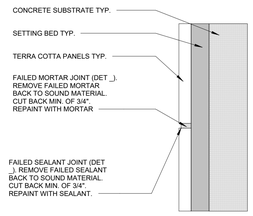
SCOPE DESCRIPTION

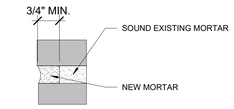
1.2.4 – LOOSE, DETERIORATED AND MISSING MORTAR JOINTS IN TERRA COTTA CLADDING – REPAIRS MORTAR JOINTS BY CLEANING OUT AND CUTTING BACK TO A SUFFICIENT DEPTH FOR TUCK-POINTING. REPAIR PREPARATION AND MORTAR SHOULD FOLLOW THE RECOMMENDATIONS OF IMI. USE MORTAR MIX OF COMPATIBLE WITH TERRA MATERIALS AND EXISTING MORTAR.

1.2.7 - DETERIORATED OR MISSING SEALANT JOINTS IN TERRA COTTA CLADDING: REPAIR BY REMOVING ALL SEALANTS THAT HAVE LOST ADHESION AND ARE DISPLACED. CLEAN BACK JOINT TO A SUFFICIENT DEPTH TO ALLOW FULL ADHESION OF SEALANT TO SUBSTRATES. USE SUITABLE BACKER MATERIALS TO ALLOW FOR JOINT SEALANT MOVEMENT. USE MANUFACTURER'S PRIMER IF RECOMMENDED. REPAIR PREPARATION AND SEALANT TYPE SHALL FOLLOW THE RECOMMENDATIONS OF IMI.

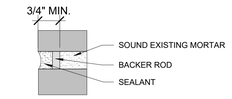
1.6.2 - ABANDONED ANCHORS: REMOVE ABANDONED ANCHORS FROM CLADDING AND REPAIR THE VOID LEFT BY THE ANCHOR, USING THE REPAIRS NOTED IN 1.2.5 IN TERRA COTTA PANELS AND UNITS FOR UNSEALED CUTS.

SEALANT INSTALLED AT MORTAR JOINT (ARROW).
REF. SCOPE OF WORK 1.2.4





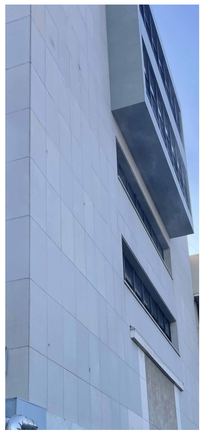
SEALANT DETAIL XA

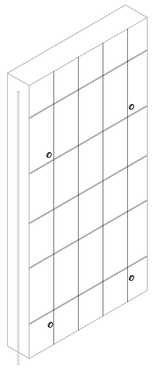


SEALANT DETAIL XB

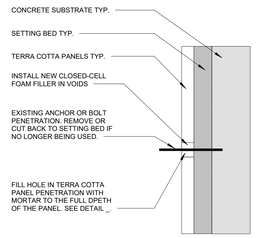
1 PANEL JOINT DETAILS - SEALANT JOINT & MORTAR JOINT
SCALE: 6" = 1'-0"

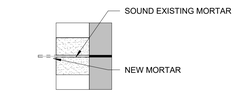
TYP ABANDONED ANCHOR.
REF. SCOPE OF WORK 1.6.2



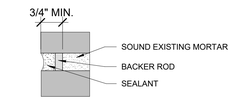


3 ANCHOR BOLT DETAIL
SCALE:





MORTAR REPAIR DETAIL FOR REMOVED ANCHOR



SEALANT DETAIL AT PIPE OR CONDUIT PENETRATION

5 ANCHOR BOLT REPAIR DETAIL
SCALE: 6" = 1'-0"

Revisions:	Date:

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VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
TERRA COTTA/ CONCRETE REPAIR DETAIL CONT.	100% NOT FOR CONSTRUCTION BID DOCUMENTS	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	570-21-108
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Building Number
		Issue Date: 1-23-2026 / Checked: AR / Drawn: TL	Drawing Number: A804

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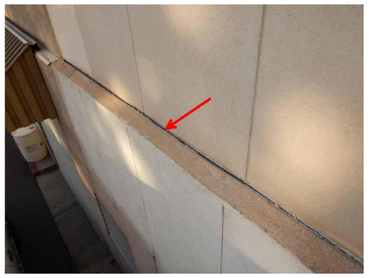
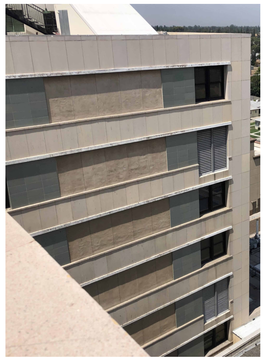
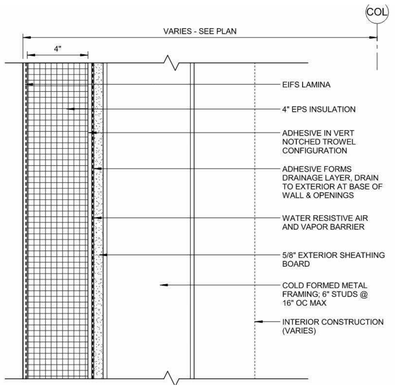
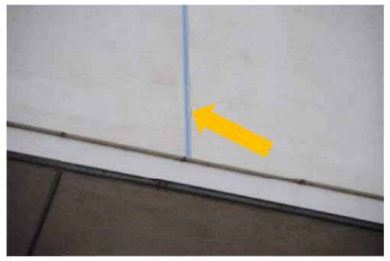


SEPARATION ALONG TOP OF EIFS WALL.
REF. SCOPE OF WORK 1.6.5



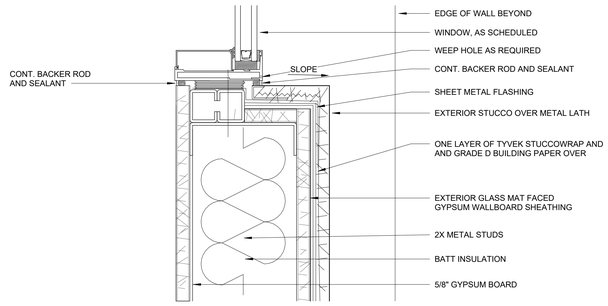


2 EIFS REPAIR SYSTEM DETAIL
SCALE: 3" = 1'-0"



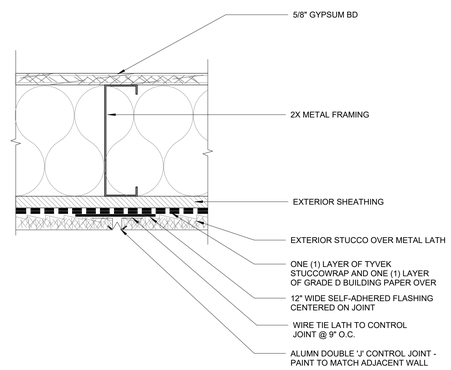
TYP. CRACKING (ARROW) AT STUCCO CLADDING.
REF. SCOPE OF WORK 1.3.2

TYP. HAIRLINE CRACKING (ARROWS) AT STUCCO CLADDING.
REF. SCOPE OF WORK 1.3.2



3 WINDOW SILL DETAIL @ EXTERIOR STUCCO WALL
SCALE: 3" = 1'-0"

CONTROL JOINT AT STUCCO CLADDING.



5 VERTICAL CONTROL JOINT AT EXTERIOR STUCCO
SCALE: 3" = 1'-0"

SCOPE DESCRIPTION

1.3 - STUCCO CLADDING: (SEE DETAIL SHEET A806)

1.3.2 - CRACKS IN STUCCO CLADDING REPAIR: CRACKS LARGER THAT A HAIRLINE SHOULD BE ROUTED OUT AND REPAIRED USING A FILLER IN ACCORDANCE WITH RECOMMENDATIONS FROM PCA. SMALL CRACKS CAN BE SEALED USING A BRUSH GRADE SEALANT. FOR SEALANTS FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR PREPARATION, PRIMERS AND APPLICATION METHODS.

1.6 - MISCELLANEOUS: (SEE DETAIL SHEETS A809)

1.6.5 - EIFS WALL SEPARATION : WHERE EIFS WALL SYSTEM IS FAILING, REMOVE ENTIRE AREA OF EIFS WALL SYSTEM DOWN TO SUBSTRATE. INSPECT SUBSTRATE FOR DAMAGE AND PATCH AND REPAIR SUBSTRATE AS REQUIRED TO INSTALL NEW EIFS SYSTEM WITH INTEGRAL DRAINAGE LAYER, OVER NEW AIR BARRIER. USE INSULATION WITH A THICKNESS TO ALIGN FINISHED FACE OF EIFS SYSTEM WITH SURROUNDING TERRA COTTA PANELS. COLOR AND TEXTURE OF FINISHED EIFS SURFACE SELECTED TO MATCH SURROUNDING TERRA COTTA PANELS.

Revisions:	Date:

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

Drawing Title: STUCCO AND EIFS DETAILS
Approved: Project Director

Phase: 100% NOT FOR CONSTRUCTION BID DOCUMENTS
FULLY SPRINKLERED

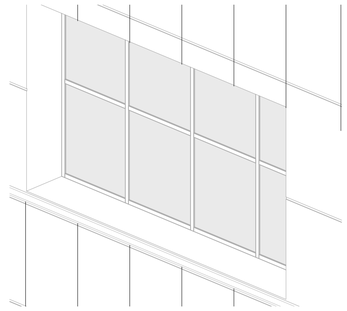
Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC
Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223
Issue Date: 1-23-2026
Checked: AR
Drawn: TL

Project Number: 570-21-108
Building Number:
Drawing Number: A806

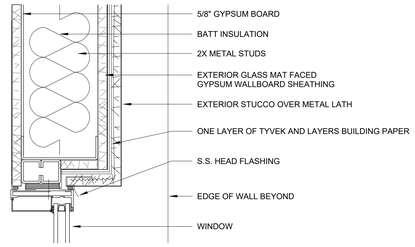
VA FORM 08 - 6231

Autodesk Docs://FRE2201 - Fresno Repair Exterior Finishes, Building 1 & Outpatient/FRE2201-A - VA Fresno Exterior.rvt
1/26/2026 5:02:11 PM

TYP. CRACKS AT CONCRETE WINDOWSILL. REF. SCOPE OF WORK 1.4.2

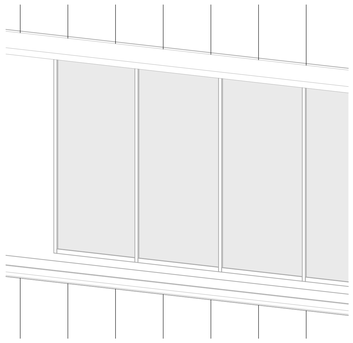


1 CRACKS AT CONCRETE WINDOWSILL
SCALE:

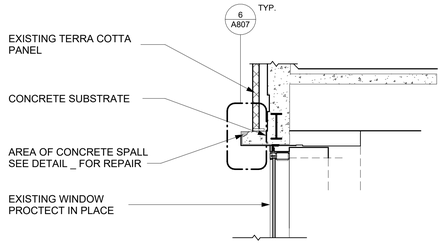


2 STUCCO TO WINDOW HEAD DETAIL
SCALE: 3" = 1'-0"

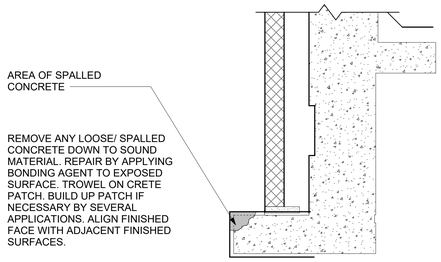
SPALLED CONCRETE EYEBROWS, TYP. REF. SCOPE OF WORK 1.4.1 & 1.4.2



3 SPALLED CONCRETE EYEBROW
SCALE:

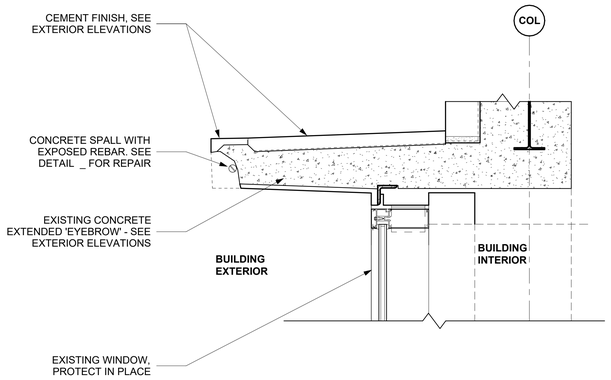


5 CONCRETE EYEBROW SPALL
SCALE: 1/2" = 1'-0"

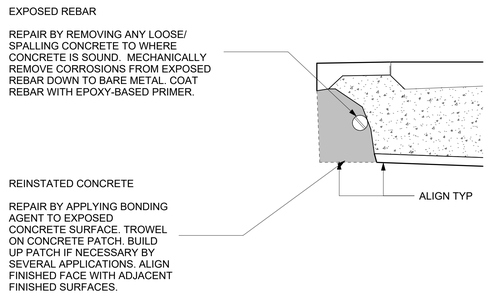


6 CONCRETE EYEBROW SPALL REPAIR
SCALE: 1 1/2" = 1'-0"

SPALLED CONCRETE EYEBROWS, TYP. REF. SCOPE OF WORK 1.4.1 & 1.4.2



4 HEAD DETAIL @ EXTERIOR WINDOW WITH SPALLED CONCRETE AND EXPOSED REBAR
SCALE: 1 1/2" = 1'-0"



7 CONCRETE SPALL WITH EXPOSED REBAR
SCALE: 3" = 1'-0"

SCOPE DESCRIPTION

1.4 - EXPOSED CONCRETE: (SEE DETAIL SHEETS A807)

1.4.1 - CONCRETE SPALLS: REMOVE SPALLS FROM CONCRETE AND CUT BACK CONCRETE UNTIL ALL SURFACES ARE SOUND. REPAIRS TO CONCRETE:

- IF REINFORCEMENT IS EXPOSED DURING REMOVAL, THOROUGHLY REMOVE RUST DOWN TO CLEAN METAL. IF REINFORCEMENT HAS DETERIORATED BEYOND ITS STRUCTURAL CAPACITY, CUT-OUT DETERIORATED REINFORCEMENT, CUT-BACK CONCRETE AROUND SOUND REINFORCEMENT TO FORM AN OVERLAP, AS DETERMINED BY STRUCTURAL ENGINEER, COAT ALL REINFORCEMENT WITH EPOXY COATING, PRIME CONCRETE SURFACES, AND REINSTATE CONCRETE USING A CONCRETE MIX THAT MATCHES OR IS COMPATIBLE WITH THE EXISTING CONCRETE MIX. FOLLOW RECOMMENDATIONS OF THE AMERICAN CONCRETE INSTITUTE FOR REPAIRS AND DETAILS DEVELOPED BY THE STRUCTURAL ENGINEERS. RECOAT NEW CONCRETE REPAIR TO MATCH EXISTING FINISHES.
- SPALLS NOT EXPOSING REINFORCEMENT, ARE TO BE REPAIRED BY PRIMING CONCRETE SURFACES AND REINSTATING CONCRETE REPAIR WITH PLASTER COATING AND PAINT WITH ELASTOMERIC COATING

1.4.2 - CONCRETE CRACKS: ROUTE OUT CRACKS LARGER THAN HAIRLINE IN CONCRETE TO ALLOW INSTALLATION OF SEALANT. REMOVE ANY LOOSE MATERIALS. INSTALL SEALANT. FOLLOW SEALANT MANUFACTURER'S RECOMMENDATIONS FOR PRIMERS, AND SEALANT TYPE.

Revisions:	Date:

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

Drawing Title: CONCRETE/ WINDOW SILL REPAIR DETAILS	Phase: 100% NOT FOR CONSTRUCTION BID DOCUMENTS	Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	Project Number: 570-21-108
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Building Number:
		Issue Date: 1-23-2026 / Checked: AR / Drawn: TL	Drawing Number: A807

VA FORM 08 - 6231

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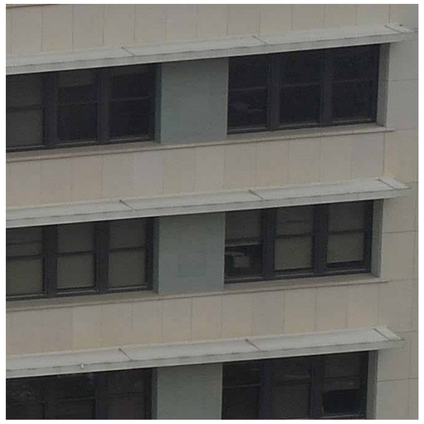
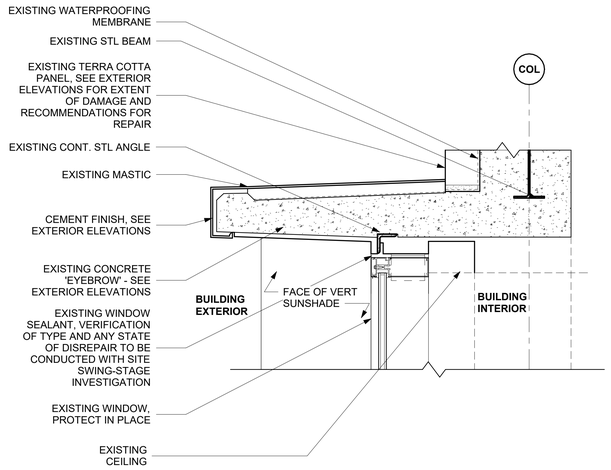
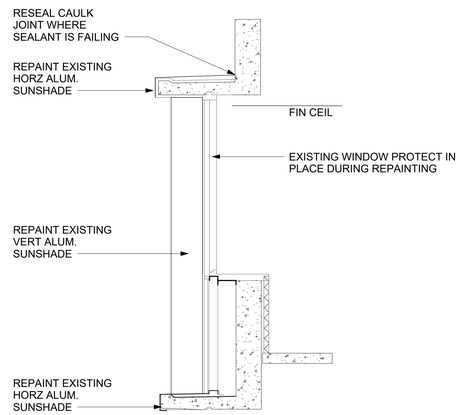


HORIZ. ALUM. SUNSHADES, TYP.
REF. SCOPE OF WORK 1.5.5



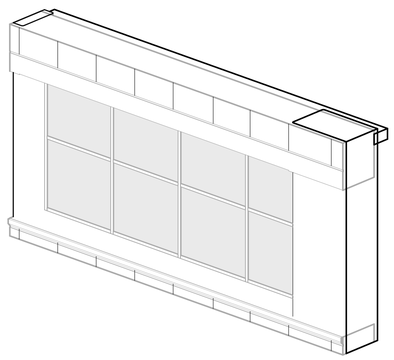
1 TYPICAL HEAD DETAIL @ EXTERIOR WINDOW
SCALE: 1 1/2" = 1'-0"

VERTICAL ALUM. SUNSHADES AT WEST FACE OF EAST WING
REF. SCOPE OF WORK 1.5.5



7 TYP VERTICAL SUNSHADE DETAIL SECTION - RECOATING
SCALE: 1/2" = 1'-0"

DEFECTIVE WINDOW SEALANT AT SOUTH FACE OF EAST WING AT GROUND LEVEL
REF. SCOPE OF WORK 2.1.1



2 BUILDING 1 LOWER WINDOW MISSING SEALANT
SCALE:

SCOPE DESCRIPTION

1.5.5 – DETERIORATED METAL SUNSHADES: REMOVE ALL LOOSE COATINGS FROM SUNSHADES AND DETERIORATED SEALANTS. PREPARE SURFACE TO RECEIVE NEW FINISH. PROTECT ALL SURFACES OF ADJACENT MATERIALS FROM NEW FINISH. APPLY 3 COAT PAINT SYSTEM TO METAL SUNSHADES. INSTALL NEW SEALANT TO JOINTS IN METAL SUNSHADES AND BETWEEN SUNSHADES AND ADJACENT CLADDING.

2. 0 - SCOPE 2 - BUILDING 1, OPC, OPC2 GLAZING: (SEE A810 SERIES)

2.1.1 REPLACE SINGLE-GLAZED WINDOWS AND STOREFRONT WITH DOUBLE GLAZING:

DEMOLITION: THIS SCOPE OF DEMOLITION WORK INCLUDES THE FOLLOWING: REMOVAL OF THE GLAZING UNITS, FRAMING STOPS IN THE STOREFRONT, AND WINDOW FRAMING. CLEAN AWAY ANY SEALANT AND GASKET MATERIAL FROM THE ALUMINUM FRAMES. REMOVE INTERIOR BLINDS. DISPOSE ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS.

TEMPORARY PROTECTION AND MEASURES: PROVIDE FOR PHASED CONSTRUCTION AND OUT OF HOURS WORK TO LIMIT DISRUPTION FOR THE MEDICAL CENTER'S OPERATIONS. PROVIDE TEMPORARY PROTECTION TO MAINTAIN INTERIOR ENVIRONMENT AND INFECTION CONTROL (ICRA) AS WELL AS INSECT CONTROL, DURING CONSTRUCTION.

NEW WORK: REPLACE OR MODIFY EXISTING STOREFRONT AND WINDOW FRAMING TO ALLOW THE FRAMING TO RECEIVE THE NEW INSULATED GLAZING UNITS. REINFORCE ANCHORAGE IF REQUIRED TO ACCOMMODATE THE ADDITIONAL WEIGHT OF THE NEW GLAZING UNITS. FINISH OF THE ALUMINUM FRAMING SHALL MATCH THE EXISTING FRAMING.

- FOR THE ARCADE STOREFRONT FENESTRATION OF BUILDING 1, NEW OR REFURBISHED FRAMING MEMBERS SHALL RECEIVE A POWDERED-COATED FINISH OR CLEAR ANODIZED FINISH.
- FOR THE OPC WINDOW FRAMES, A BRONZE ANODIZED FINISH OR POWDERED COATED FINISH SHALL BE USED.
- GLAZING UNITS FOR THE BUILDING 1 WILL BE CLEAR HIGH-PERFORMANCE INSULATED UNITS. THE NEW OPC INSULATED WINDOW GLAZING UNITS SHALL BE FABRICATED WITH A BRONZE TINTED OUTER LITE AND A CLEAR INNER LITE TO MATCH THE EXISTING GLAZING ON THE UPPER FLOORS OF THE OPC. PROVIDE BLAST FILM TO ALL NEW UNITS.
- IN BUILDING 1, THE LOWER GLAZING UNIT OF THE ARCADE STOREFRONT, THE BLAST FILM WILL HAVE A WHITE TRANSLUCENT TINT.
- PROVIDE FOR EITHER HORIZONTAL OR VERTICAL BLINDS AT ALL GLAZING OPENINGS TO MATCH EXISTING BLINDS.

2.1.2 - REPLACE EXISTING DOUBLE GLAZED WINDOWS: REPLACE WINDOWS WITH INTEGRAL BLINDS WITH NEW INSULATED GLAZING UNITS AND BLINDS TO MATCH EXISTING

Revisions:	Date:

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

Drawing Title: METAL SUNSHADE DETAILS
Approved: Project Director

Phase: 100% NOT FOR CONSTRUCTION BID DOCUMENTS
FULLY SPRINKLERED

Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC
Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223
Issue Date: 1-23-2026
Checked: AR
Drawn: TL

Project Number: 570-21-108
Building Number:
Drawing Number: A808

Autodesk Docs://FRE2201 - Fresno Repair Exterior Finishes, Building 1 & Outpatient/FRE2201-A - VA Fresno Exterior.rvt
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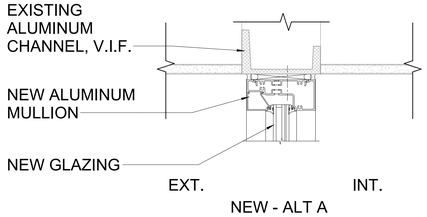
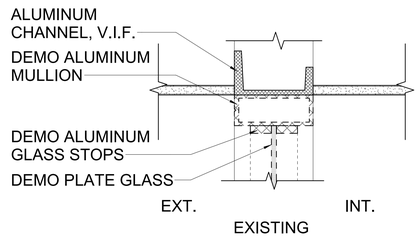


13 HEAD
SCALE: 3" = 1'-0"



10 EXISTING TYP. HEAD
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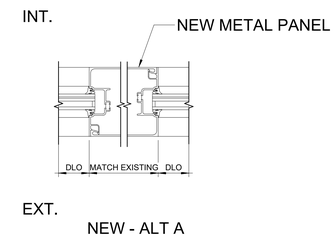

7 METAL PANEL SPAN
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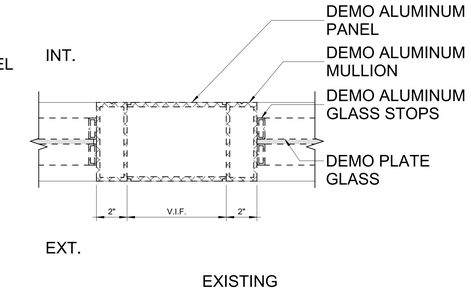

4 METAL PANEL SPAN- ALT A
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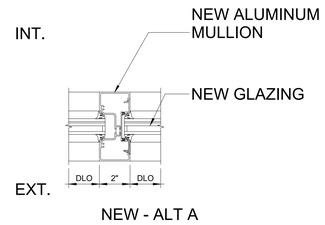
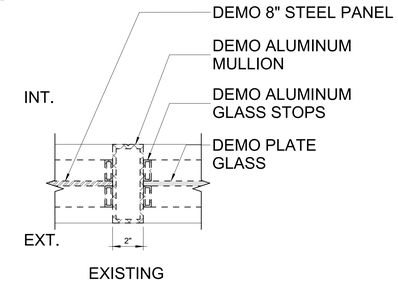


6 VERTICAL MULLION
SCALE: 3" = 1'-0"



3 EXISTING VERTICAL MULLION - ALT A
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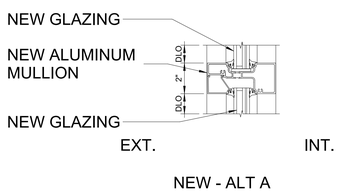

12 HORIZONTAL MULLION
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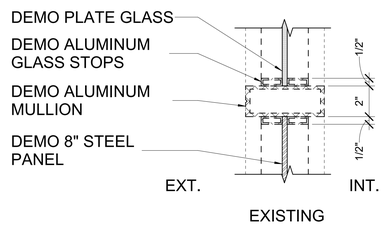

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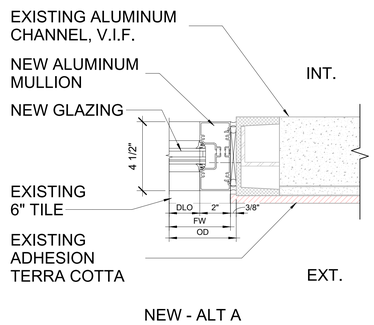

5 JAMB
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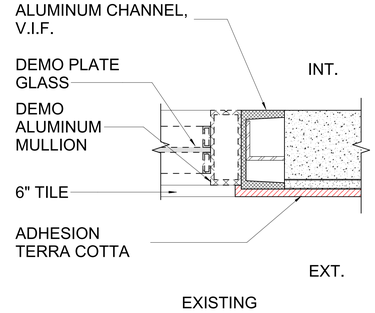

2 EXISTING JAMB @ A.T.C
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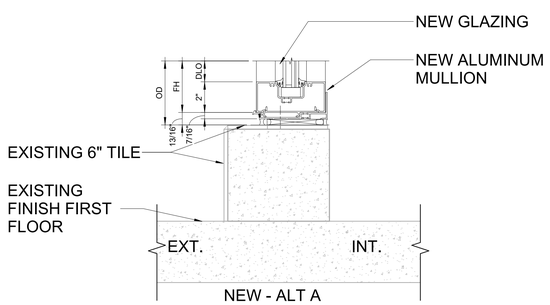

11 SILL
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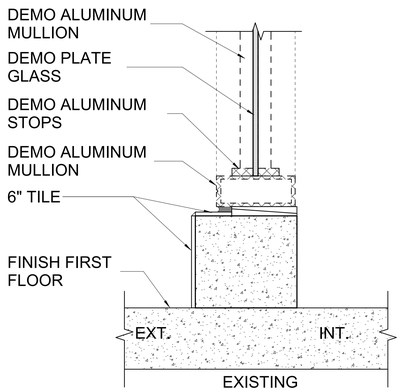

8 EXISTING TYP. SILL
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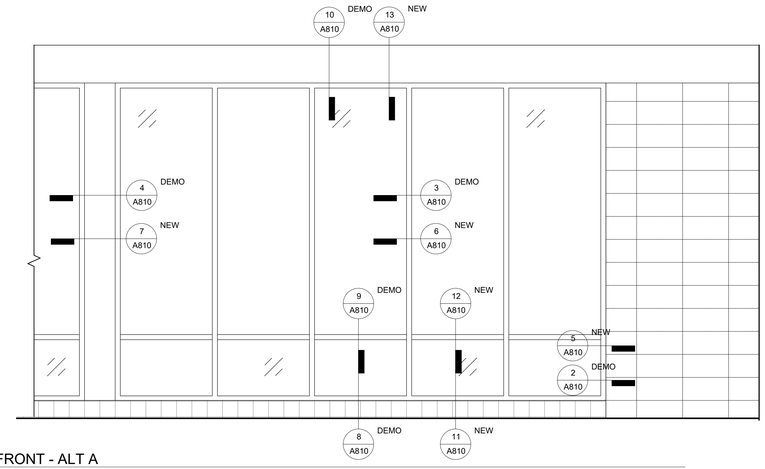

1 STOREFRONT - ALT A
SCALE: 1/2" = 1'-0"

ALTERNATE A NOTES:

ALTERNATE A REPLACES EXISTING ALUMINUM STOREFRONT FRAMING WITH NEW

GENERAL NOTES:

1. CONTRACTOR TO FIELD VERIFY ROUGH OPENINGS PRIOR TO DEMOLITION AND CONSTRUCTION OF VESTIBULES.
2. ALL GLAZING SHALL BE LAMINATED GLAZING. SHALL BE DOUBLE PANE. EXTERIOR PANELS SHALL BE NON-LAMINATED GLASS. INTERIOR PANELS SHALL BE LAMINATED GLASS. REFER SPECS FOR BLAST RESISTANT WINDOWS. NEW GLAZING PANEL.
3. GLAZING BLAST RESISTANT RATING: LOW

Revisions:	Date:

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Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: STOREFRONT DETAILS - ALT A
SOUTH WALL ARCADE STPOREFRONT

Approved: Project Director

Phase: 100% NOT FOR CONSTRUCTION BID DOCUMENTS

FULLY SPRINKLERED

Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC

Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223

Issue Date: 1-23-2026 | Checked: AR | Drawn: TL

Project Number: 570-21-108

Building Number:

Drawing Number: A810

VA FORM 08 - 6231

Autodesk Docs://FRE2201 - Fresno Repair Exterior Finishes, Building 1 & Outpatient/FRE2201-A - VA Fresno Exterior.rvt
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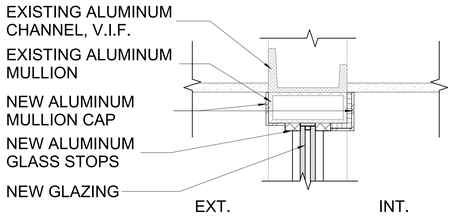
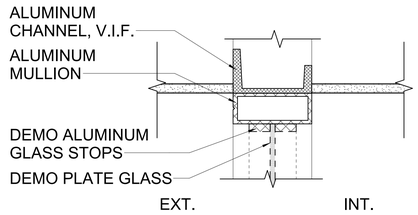


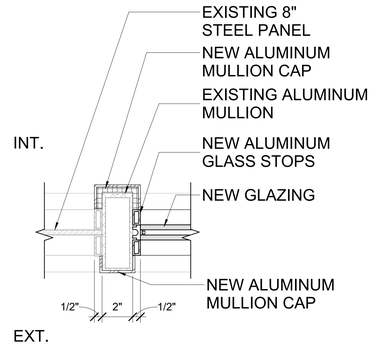
NEW - ALT B

11 NEW TYP. HEAD
SCALE: 3" = 1'-0"



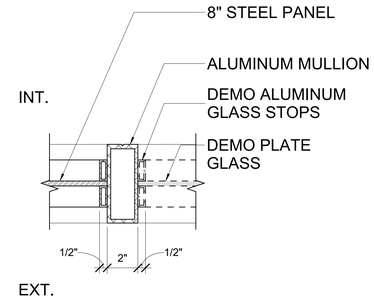
EXISTING

8 EXISTING HEAD
SCALE: 3" = 1'-0"



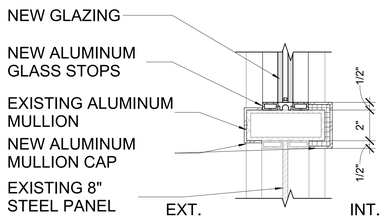
NEW - ALT B

5 NEW VERTICAL MULLION
SCALE: 3" = 1'-0"



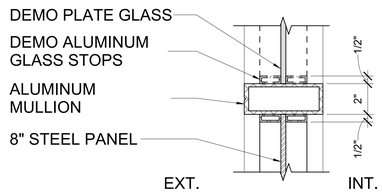
EXISTING

3 EXISTING VERTICAL MULLION
SCALE: 3" = 1'-0"



NEW - ALT B

10 NEW HORIZONTAL MULLION
SCALE: 3" = 1'-0"



EXISTING

7 EXISTING HORIZONTAL MULLION
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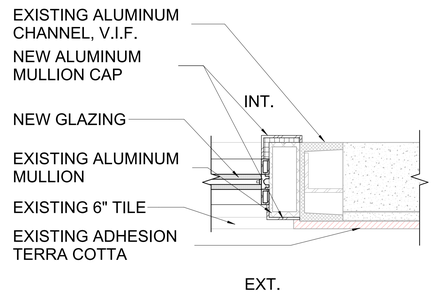
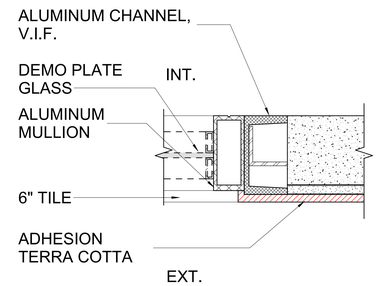


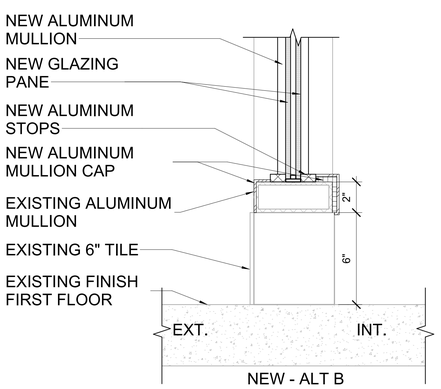
NEW - ALT B

4 NEW JAMB @ A.T.C
SCALE: 3" = 1'-0"



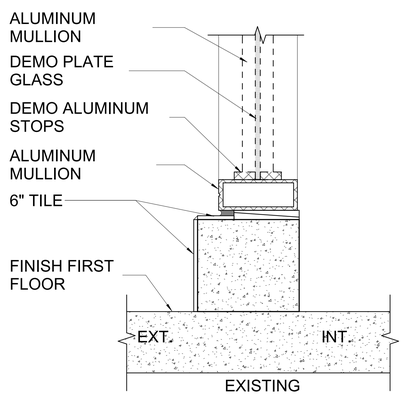
EXISTING

2 EXISTING JAMB @ A.T.C
SCALE: 3" = 1'-0"



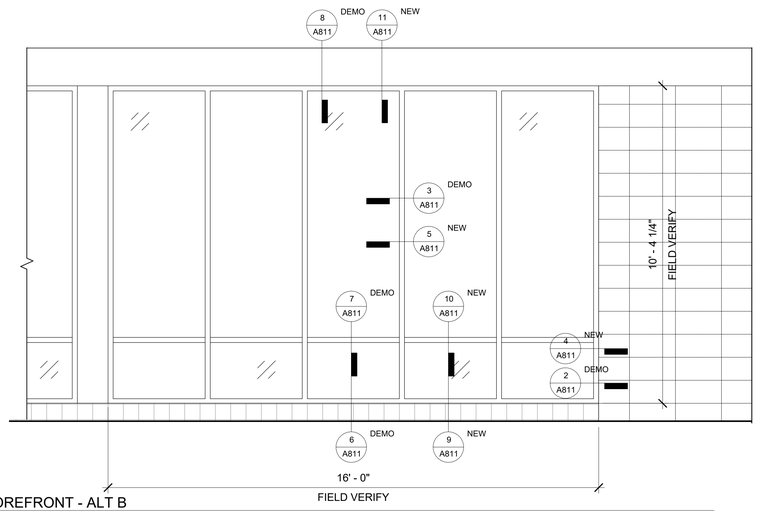
NEW - ALT B

9 NEW TYP. SILL
SCALE: 3" = 1'-0"



EXISTING

6 EXISTING TYP. SILL
SCALE: 3" = 1'-0"



1 STOREFRONT - ALT B
SCALE: 1/2" = 1'-0"

ALTERNATE B NOTES:

ALTERNATE B UTILIZES EXISTING ALUMINUM STOREFRONT FARMING WITH APPLIED MULLION CAPS, SILLS AND HEAD TO RENEW STOREFRONT APPEARANCE

GENERAL NOTES:

1. CONTRACTOR TO FIELD VERIFY ROUGH OPENINGS PRIOR TO DEMOLITION AND CONSTRUCTION OF VESTIBULES.
2. ALL GLAZING SHALL BE LAMINATED GLAZING. SHALL BE DOUBLE PANE. EXTERIOR PANELS SHALL BE NON-LAMINATED GLASS. INTERIOR PANELS SHALL BE LAMINATED GLASS. REFER SPECS FOR BLAST RESISTANT WINDOWS. NEW GLAZING PANEL.
3. GLAZING BLAST RESISTANT RATING: LOW

Revisions:	Date:

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Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: STOREFRONT DETAILS - ALT B
SOUTH WALL ARCADE STOREFRONT

Approved: Project Director

Phase: 100% NOT FOR CONSTRUCTION BID DOCUMENTS

FULLY SPRINKLERED

Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC

Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223

Issue Date: 1-23-2026 | Checked: AR | Drawn: TL

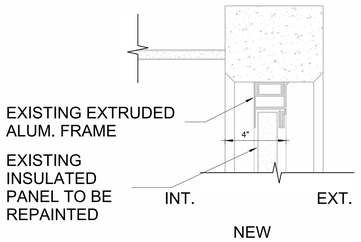
Project Number: 570-21-108

Building Number:

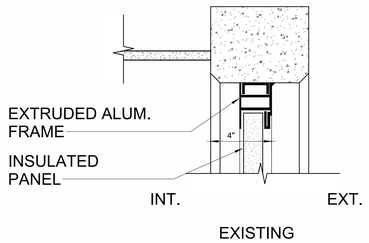
Drawing Number: A811

VA FORM 08 - 6231

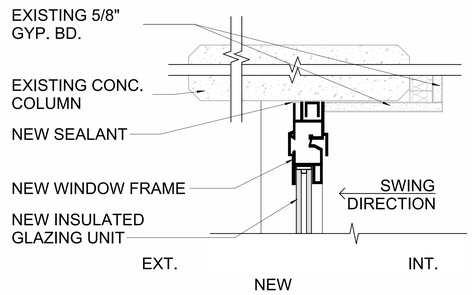
Autodesk Docs://FRE2201 - Fresno Repair Exterior Finishes, Building 1 & Outpatient/FRE2201-A - VA Fresno Exterior.rvt 1/26/2026 5:02:21 PM



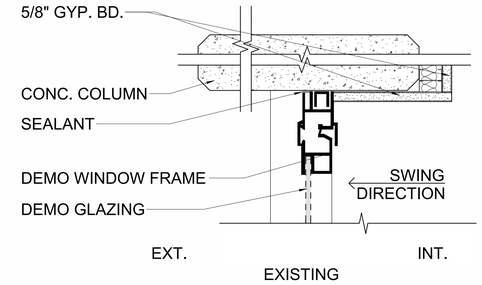
14 OPC - WINDOW HEAD
SCALE: 3" = 1'-0"



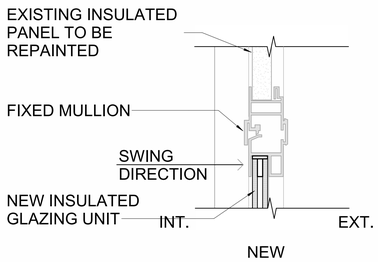
10 OPC - EXISTING WINDOW HEAD
SCALE: 3" = 1'-0"



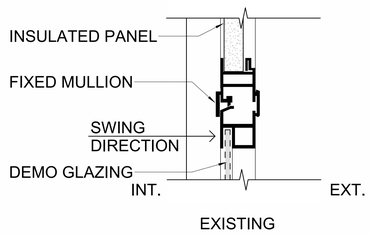
6 OPC - EXISTING WINDOW JAMB @ COL.
SCALE: 3" = 1'-0"



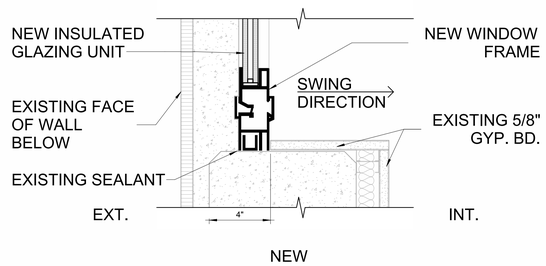
3 OPC - EXISTING WINDOW JAMB @ COL.
SCALE: 3" = 1'-0"



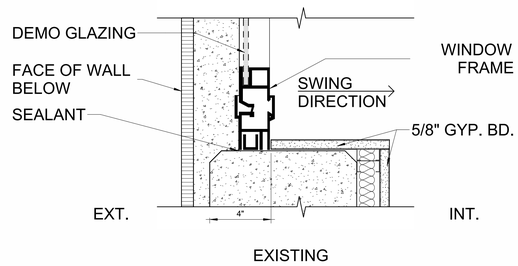
13 OPC - NEW WINDOW MULLION - UPPER
SCALE: 3" = 1'-0"



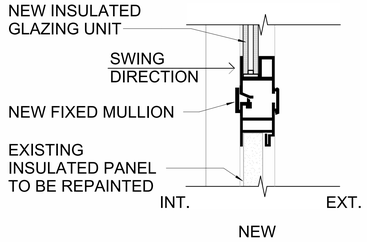
9 OPC - EXISTING WINDOW MULLION - UPPER
SCALE: 3" = 1'-0"



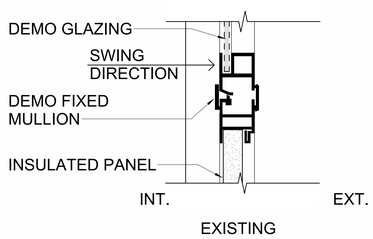
5 OPC - NEW WINDOW JAMB @ WALL
SCALE: 3" = 1'-0"



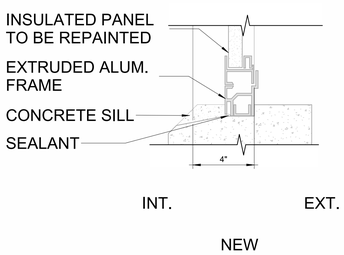
2 OPC - EXISTING WINDOW JAMB @ WALL
SCALE: 3" = 1'-0"



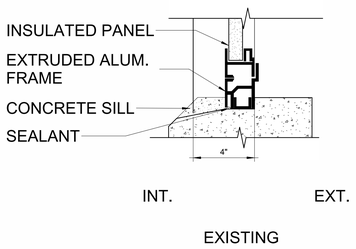
12 OPC - NEW WINDOW MULLION - LOWER
SCALE: 3" = 1'-0"



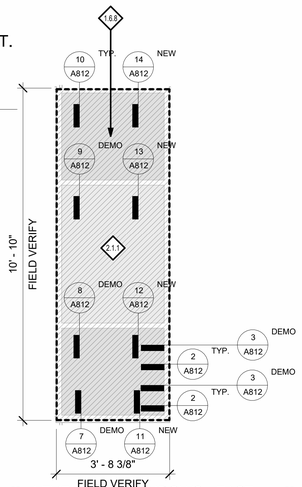
8 OPC - EXISTING WINDOW MULLION - LOWER
SCALE: 3" = 1'-0"



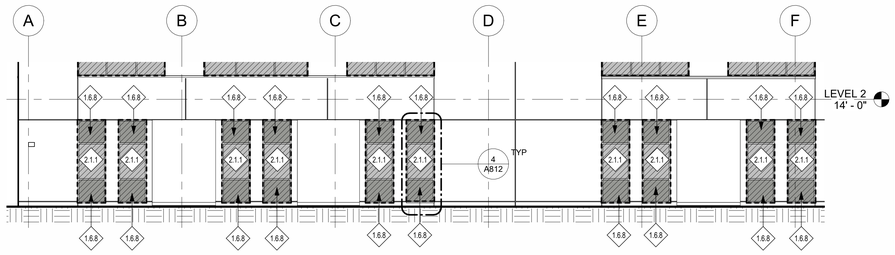
11 OPC - NEW WINDOW SILL
SCALE: 3" = 1'-0"



7 OPC - EXISTING WINDOW SILL
SCALE: 3" = 1'-0"



4 LEVEL 1 OPC WINDOWS - EAST
SCALE: 1/2" = 1'-0"



1 LEVEL 1 OPC WINDOWS
SCALE: 1/8" = 1'-0"

CONTRACTOR TO FIELD VERIFY OPENING DIMENSIONS AND SWING DIRECTIONS

GENERAL NOTES:

1. CONTRACTOR TO FIELD VERIFY ROUGH OPENINGS PRIOR TO DEMOLITION AND CONSTRUCTION OF VESTIBULES.
2. ALL GLAZING SHALL BE LAMINATED GLAZING. SHALL BE DOUBLE PANE. EXTERIOR PANELS SHALL BE NON-LAMINATED GLASS. INTERIOR PANELS SHALL BE LAMINATED GLASS. REFER SPECS FOR BLAST RESISTANT WINDOWS. NEW GLAZING PANEL.
3. GLAZING BLAST RESISTANT RATING: LOW

KEYNOTES FOR REPAIR WORK

1.6.8 CLEAN & PAINT METAL PANELS OF OPC LEVEL 1

2.1.1 REPLACE SINGLE-GLAZED WINDOWS AND STOREFRONT WITH DOUBLE GLAZING

SCOPE DESCRIPTION

1.6 - MISCELLANEOUS: (SEE DETAIL SHEETS A809)

1.6.8 - CLEAN & PAINT METAL PANELS OF OPC LEVEL 1: CLEAN METAL PANEL ABOVE AND BELOW WINDOW. REMOVE ANY LOOSE PAINT. PAINT BY APPLY PRIMER AND FINISH COAT(S). COLOR AND GLOSS TO MATCH EXISTING METAL PANEL FINISH.

2. 0 - SCOPE 2 - BUILDING 1, OPC, OPC2 GLAZING: (SEE A810 SERIES)

2.1.1 REPLACE SINGLE-GLAZED WINDOWS AND STOREFRONT WITH DOUBLE GLAZED INSULATED UNITS:

DEMOLITION: THIS SCOPE OF DEMOLITION WORK INCLUDES THE FOLLOWING: REMOVAL OF THE GLAZING UNITS, FRAMING STOPS IN THE STOREFRONT, AND WINDOW FRAMING. CLEAN AWAY ANY SEALANT AND GASKET MATERIAL FROM THE ALUMINUM FRAMES. REMOVE INTERIOR BLINDS. DISPOSE ALL MATERIALS IN ACCORDANCE WITH FEDERAL REGULATIONS AND LOCAL AND STATE REGULATORY REQUIREMENTS.

TEMPORARY PROTECTION AND MEASURES: PROVIDE FOR PHASED CONSTRUCTION AND OUT OF HOURS WORK TO LIMIT DISRUPTION FOR THE MEDICAL CENTER'S OPERATIONS. PROVIDE TEMPORARY PROTECTION TO MAINTAIN INTERIOR ENVIRONMENT AND INFECTION CONTROL (ICRA) AS WELL AS INSECT CONTROL, DURING CONSTRUCTION.

NEW WORK: REPLACE OR MODIFY EXISTING STOREFRONT AND WINDOW FRAMING TO ALLOW THE FRAMING TO RECEIVE THE NEW INSULATED GLAZING UNITS. REINFORCE ANCHORAGE IF REQUIRED TO ACCOMMODATE THE ADDITIONAL WEIGHT OF THE NEW GLAZING UNITS. FINISH OF THE ALUMINUM FRAMING SHALL MATCH THE EXISTING FRAMING.

- FOR THE ARCADE STOREFRONT FENESTRATION OF BUILDING 1, NEW OR REFURBISHED FRAMING MEMBERS SHALL RECEIVE A POWDERED-COATED FINISH OR CLEAR ANODIZED FINISH.
- FOR THE OPC WINDOW FRAMES, A BRONZE ANODIZED FINISH OR POWDERED COATED FINISH SHALL BE USED.
- GLAZING UNITS FOR THE BUILDING 1 WILL BE CLEAR HIGH-PERFORMANCE INSULATED UNITS. THE NEW OPC INSULATED WINDOW GLAZING UNITS SHALL BE FABRICATED WITH A BRONZE TINTED OUTER LITE AND A CLEAR INNER LITE TO MATCH THE EXISTING GLAZING ON THE UPPER FLOORS OF THE OPC. PROVIDE BLAST FILM TO ALL NEW UNITS.
- IN BUILDING 1, THE LOWER GLAZING UNIT OF THE ARCADE STOREFRONT, THE BLAST FILM WILL HAVE A WHITE TRANSLUCENT TINT.
- PROVIDE FOR EITHER HORIZONTAL OR VERTICAL BLINDS AT ALL GLAZING OPENINGS TO MATCH EXISTING BLINDS.

2.1.2 - REPLACE EXISTING DOUBLE GLAZED WINDOWS: REPLACE WINDOWS WITH INTEGRAL BLINDS WITH NEW INSULATED GLAZING UNITS AND BLINDS TO MATCH EXISTING

Revisions:	Date:

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Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: OPC WINDOWS - LEVEL 1	Phase: 100% NOT FOR CONSTRUCTION BID DOCUMENTS	Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	Project Number: 570-21-108
			Building Number:
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Drawing Number: A812
		Issue Date: 1-23-2026 / Checked: AR / Drawn: TL	

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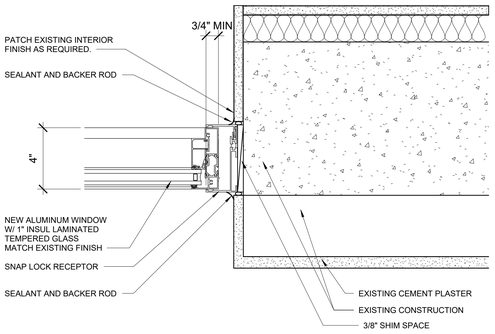
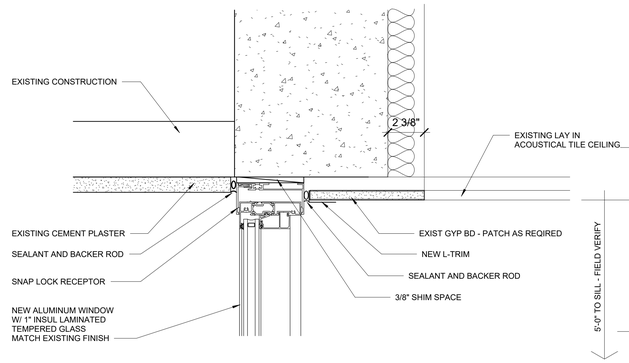
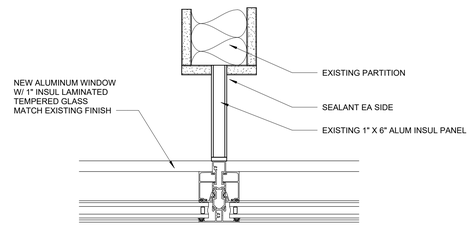


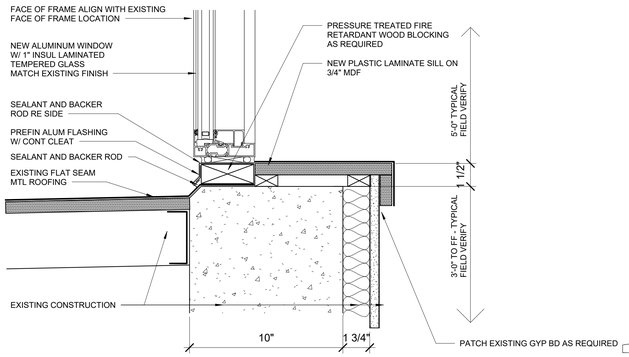
7 OPC - WINDOW JAMB - LVL 2&3
SCALE: 3" = 1'-0"



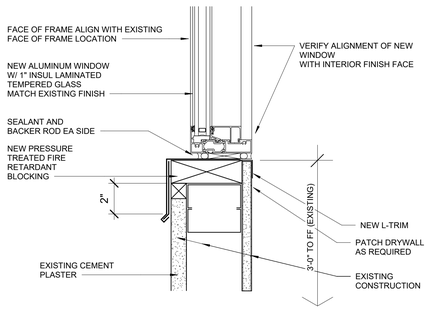
3 OPC - WINDOW HEAD
SCALE: 3" = 1'-0"



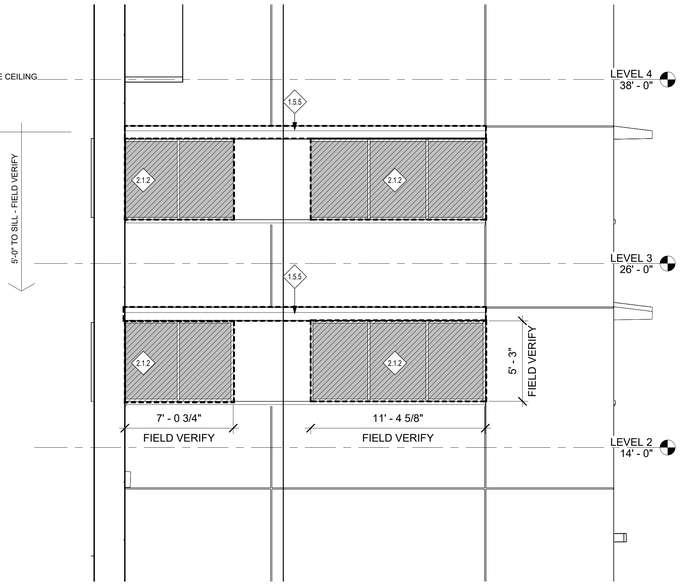
4 OPC - WINDOW MULLION
SCALE: 3" = 1'-0"



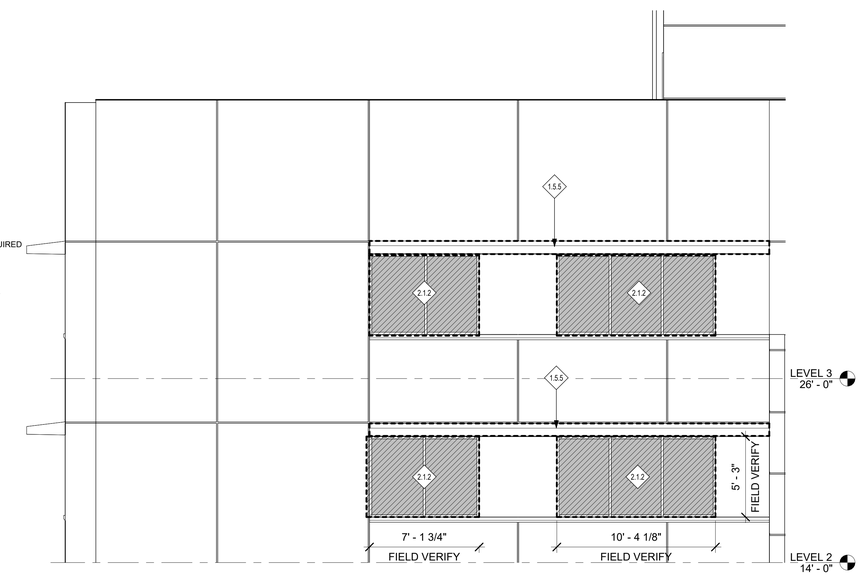
5 OPC - WINDOW SILL 1 - LVL 2&3
SCALE: 3" = 1'-0"



6 OPC - WINDOW SILL 2 - LVL 2&3
SCALE: 3" = 1'-0"



2 UPPER LEVEL OPC WINDOWS - NORTH
SCALE: 1/4" = 1'-0"



1 UPPER LEVEL OPC WINDOWS - EAST
SCALE: 1/4" = 1'-0"

KEYNOTES FOR REPAIR WORK

SEE SHEET G002 FOR MASTER LIST OF KEYNOTES AND DESCRIPTION OF REPAIR WORK

1.5.5 DETERIORATED METAL SUNSHADES

2.1.2 REPLACE EXISTING DOUBLE GLAZED WINDOWS

SCOPE DESCRIPTION

1.5.5 – DETERIORATED METAL SUNSHADES: REMOVE ALL LOOSE COATINGS FROM SUNSHADES AND DETERIORATED SEALANTS. PREPARE SURFACE TO RECEIVE NEW FINISH. PROTECT ALL SURFACES OF ADJACENT MATERIALS FROM NEW FINISH. APPLY 3 COAT PAINT SYSTEM TO METAL SUNSHADES. INSTALL NEW SEALANT TO JOINTS IN METAL SUNSHADES AND BETWEEN SUNSHADES AND ADJACENT CLADDING.

2. 0 - SCOPE 2 - BUILDING 1, OPC, OPC2 GLAZING: (SEE A810 SERIES)

2.1.2 - REPLACE EXISTING DOUBLE GLAZED WINDOWS: REPLACE WINDOWS WITH INTEGRAL BLINDS WITH NEW INSULATED GLAZING UNITS AND BLINDS TO MATCH EXISTING

REFER TO SHEET A403 FOR ICRA REQUIREMENTS FOR WINDOW REPLACEMENT CORRIDOR WORK. PROVIDE ICRA PLAN, SCHEDULE AND PHASING FOR VAMC COR APPROVAL.

Revisions:	Date:
.	.

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Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
OPC WINDOWS - UPPER LEVELS	100% NOT FOR CONSTRUCTION BID DOCUMENTS	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	570-21-108
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Building Number
		Issue Date: 1-23-2026 / Checked: AR / Drawn: TL	Drawing Number: A813

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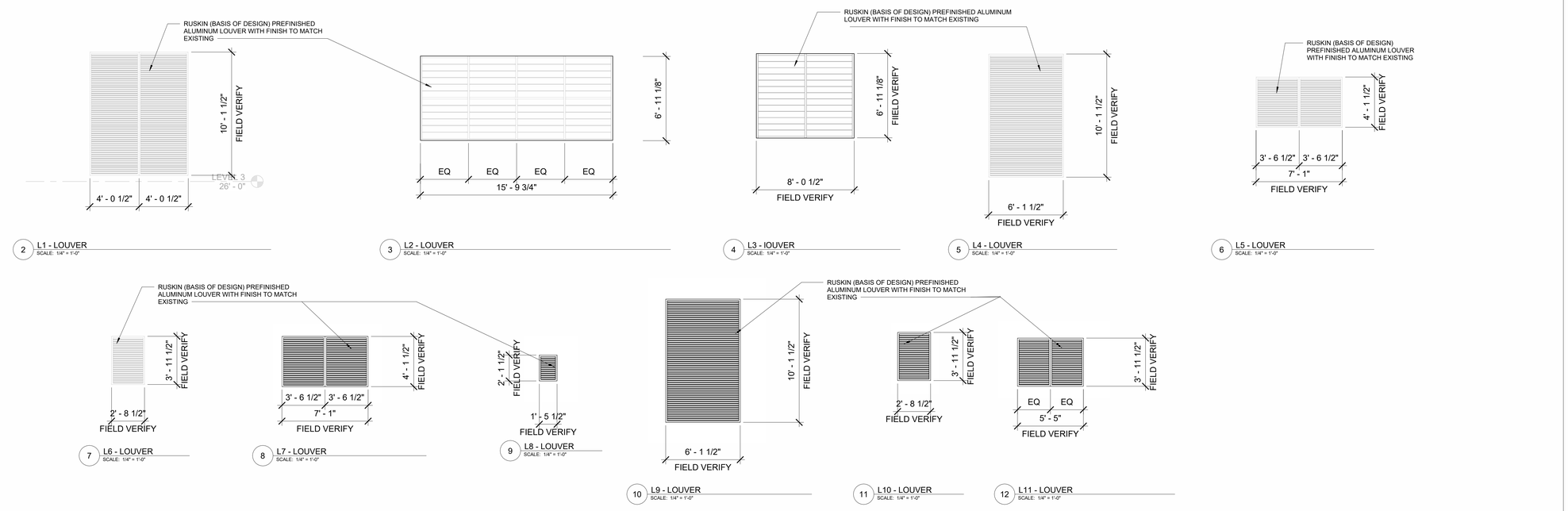

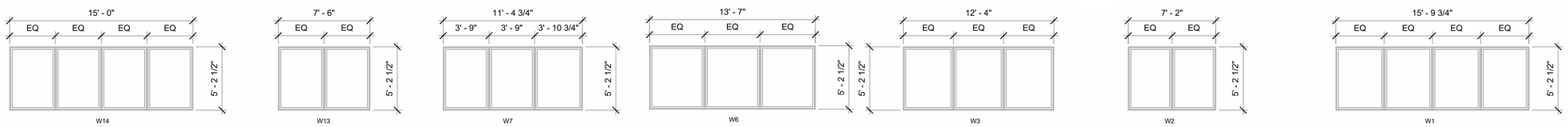

ALL WINDOW FRAMES TO BE THERMALLY BROKEN ALUMINUM WITH FINNISH TO MATCH EXISTING WINDOWS.

WINDOW GLAZING TO BE 1" TEMPERED LAMINATED INSULATING GLASS WITH FINISH TO MATCH EXISTING WINDOWS.

FIELD VERIFY ALL WINDOW OPENINGS AND WINDOW CONFIGURATIONS

PROVIDE NEW BLINDS FOR ALL NEW WINDOWS.

1 OPC - WINDOW TYPES - LVL 2&3
SCALE: 1/4" = 1'-0"

Revisions:	Date:

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AARON RUMPLER LICENSE 6510 KANSAS ARCHITECT 1-23-2026

Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
OPC WINDOWS - UPPER LEVELS - WINDOW TYPES	100% NOT FOR CONSTRUCTION BID DOCUMENTS	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	570-21-108
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Building Number
		Issue Date: 1-23-2026 / Checked: AR / Drawn: TL	Drawing Number: A814

VA FORM 08 - 6231

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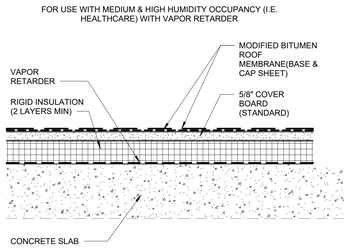
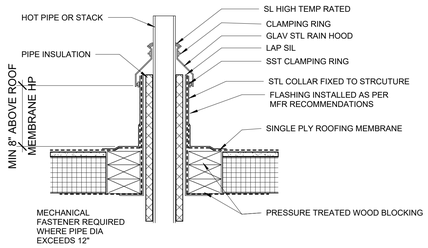
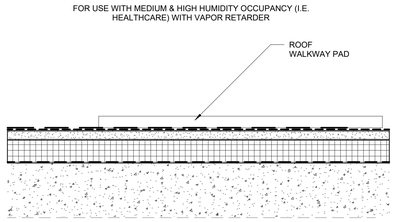


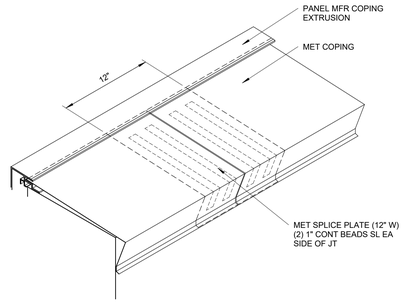
12 MODIFIED BITUMEN ROOF MEMBRANE OVER CONCRETE - REPAIR DETAIL
SCALE: 3" = 1'-0"



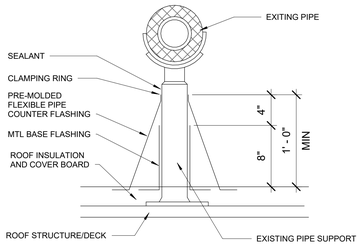
9 COLD PIPE VENT DETAIL
SCALE: 1 1/2" = 1'-0"



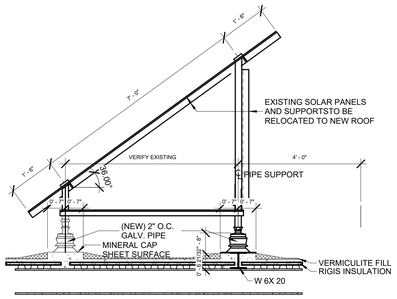
6 WALKWAY MAT PADS
SCALE: 3" = 1'-0"



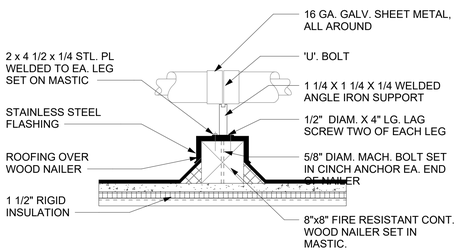
3 TYP. COPING DETAIL @ OPC
SCALE: 1 1/2" = 1'-0"



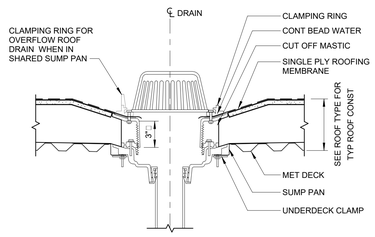
11 ANCHOR POINTS
SCALE: 1 1/2" = 1'-0"



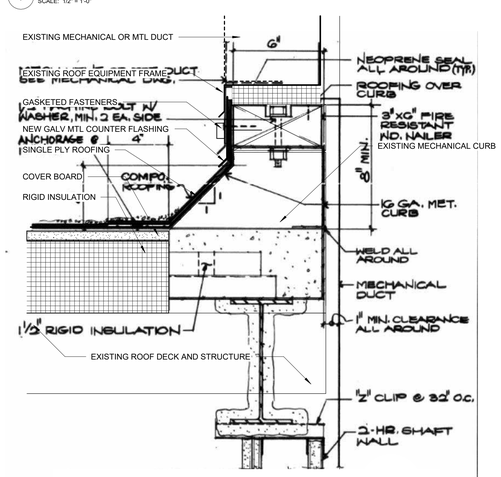
5 SUPPORT FOR PHOTOVOLTAIC PANELS
SCALE: 1/2" = 1'-0"



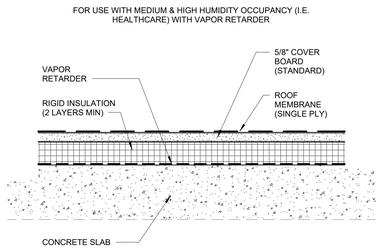
10 ROOF PIPE SUPPORTS
SCALE: 1" = 1'-0"



7 ROOF DRAIN
SCALE: 1 1/2" = 1'-0"



4 ROOF CURB FOR MECHANICAL UNIT
SCALE: 3" = 1'-0"



1 SINGLE PLY ADHERED MEMBRANE OVER CONCRETE
SCALE: 3" = 1'-0"

Revisions:	Date:
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AARON RUMPLER LICENSED 6510 KANSAS ARCHITECT 1-23-2026

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

Drawing Title	Phase	Project Title	Project Number
ROOF DETAILS	100% NOT FOR CONSTRUCTION BID DOCUMENTS	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	570-21-108
			Building Number
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Drawing Number: A820
		Issue Date: 1-23-2026 / Checked: AR / Drawn: TL	

VA FORM 08 - 6231

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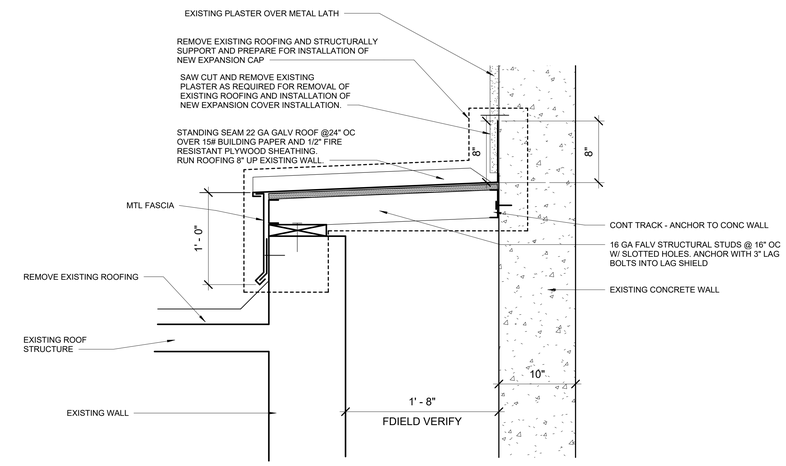
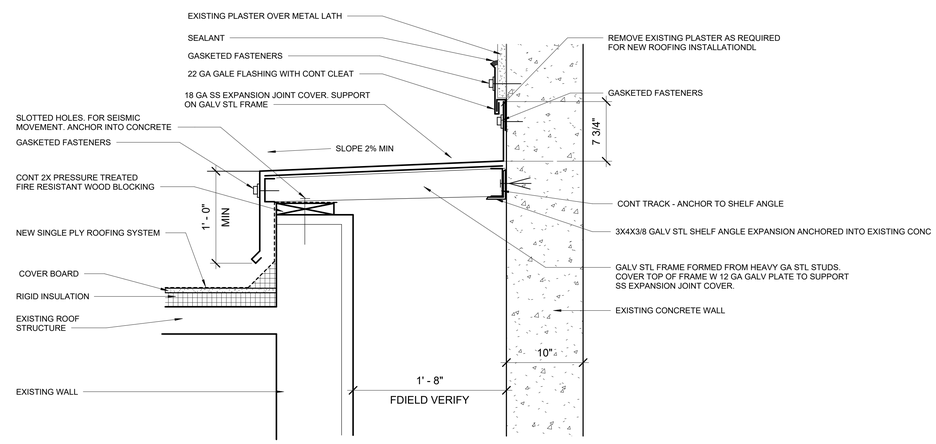


2 SHEET METAL CLOSURE BETWEEN OPC & CHAPEL ROOF - EXISTING
SCALE: 1 1/2" = 1'-0"



1 NEW EXPANSION JOINT COVER BETWEEN OPC & CHAPEL ROOF
SCALE: 1 1/2" = 1'-0"

Revisions:	Date:

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VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
ROOF DETAILS	100% NOT FOR CONSTRUCTION BID DOCUMENTS	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	570-21-108
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Building Number
		Issue Date: 1-23-2026 / Checked: AR / Drawn: TL	Drawing Number: A821

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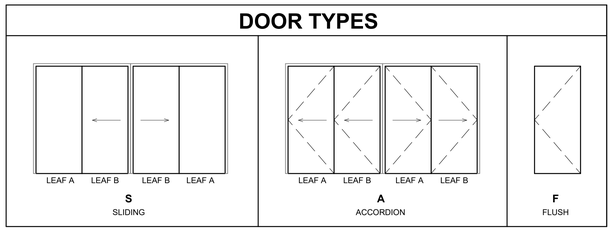
DOOR SCHEDULE							
DOOR NO.	ROUGH WIDTH	ROUGH HEIGHT	DESCRIPTION	FRAME MATERIAL	DOOR MATERIAL	FIRE RATING	COMMENTS
C1	3' - 6"	7' - 0"	FLUSH DOOR	HM	HM	90 MIN	CHAPEL ROOF ACCESS
DE3	5' - 10"	7' - 0"	Sliding Door	AL	AL	N/A	VESTIBULE
DE4	5' - 10"	7' - 0"	Sliding Door	AL	AL	N/A	VESTIBULE
DE5	5' - 10"	7' - 0"	Sliding Door	AL	AL	N/A	VESTIBULE
DE6	5' - 10"	7' - 0"	Sliding Door	AL	AL	N/A	VESTIBULE
E1	6' - 0"	7' - 0"	Accordion Door	AL	AL	N/A	VESTIBULE
E2	6' - 0"	7' - 0"	Accordion Door	AL	AL	N/A	VESTIBULE
N1	6' - 10"	7' - 7"	Sliding Door	AL	AL	N/A	VESTIBULE
N2	6' - 10"	7' - 7"	Sliding Door	AL	AL	N/A	VESTIBULE
N3	6' - 10"	7' - 7"	Sliding Door	AL	AL	N/A	VESTIBULE
N4	6' - 10"	7' - 7"	Sliding Door	AL	AL	N/A	VESTIBULE

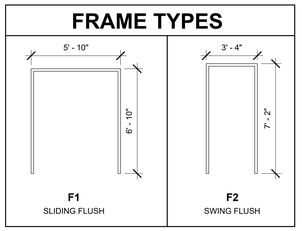
NOTES:

1. CONTRACTOR TO FIELD VERIFY ROUGH OPENINGS OF DOORS PRIOR TO DEMOLITION AND CONSTRUCTION OF VESTIBULES.

DOOR TYPES



FRAME TYPES

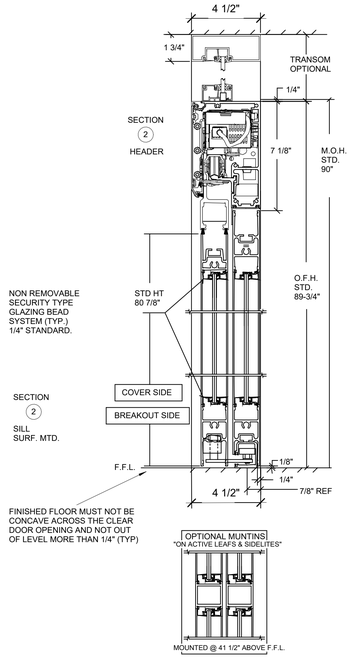


DOOR TYPES ALL GLAZING TEMPERED UNO

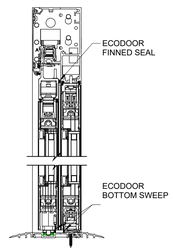
DOOR MATERIAL WD (WOOD); HM (HOLLOW METAL); AL(ALUMINUM); SST (STAINLESS STEEL); MET (METAL); WR (WIRE CAGE); GL (GLASS); AC (ACROVYN)

ATTRIBUTE LL (LEAD LINED); PNL (PANELED); PTCH (PATCH FITTINGS); T&B (TOP & BOTTOM RAILS); DTC (DUTCH); FLDG (FOLD); PKT (POCKET); BARN (BARN); REV (REVOLVING); ICU (INTENSIVE CARE UNIT)

FACE PTD (PAINTED); PF (PRE-FINISHED); PLAM(PLASTIC LAMINATE); CUSTOM



5 ELEVATION
SCALE: 3" = 1'-0"



NOTE:

1. THE U-VALUE PACKAGE CONSISTS OF ALL FEATURES LISTED FOR THE SL500 CONCEALED AND SURFACE APPLIED, NARROW/ MEDIUM/ WIDE STILE, SINGLE SLIDE, AND BIPART CONFIGURATIONS OF BOTH FIXED SIDELITE AND FULL BREAK OUT CONFIGURATIONS.
SEE THE APPROPRIATE TECH MANUAL DRAWINGS FOR STANDARD FEATURES AND OPTIONS AND FOR DIMENSIONAL INFORMATION.
THE U-VALUE OPTION INCLUDES THE BESAM ECODOOR SEAL OPTION.

2. THE U-VALUE DOOR ACCEPTS 1" INSULATED GLASS IN THE SIDELITES AND IN THE ACTIVE LEAVES.

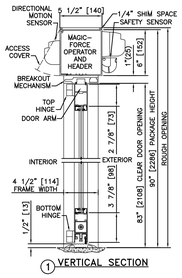
3. INFILTRATION RATING REQUIRES FIELD VERIFICATION OF ALL SEALS AND SEAL ALIGNMENT. ECODOOR SEAL SYSTEM EXCEEDS ASHRAE 90.1 2010 REQUIREMENT FOR INFILTRATION. (0.93 CUFT./MIN/SQFT)

4. OPTIONAL FULL THRESHOLD SHOWN, SEE SL500 DOOR TECH MANUAL DRAWING(S) FOR FLOOR TRACK & RECESSED TRACK OPTIONS.

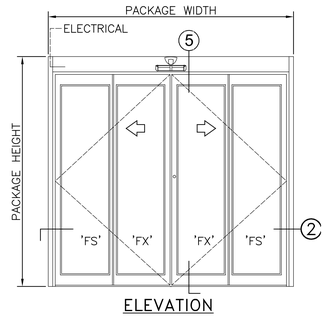
5. GLASS SELECTION MUST MEET THE SPECIFICATION OUTLINED ON THE PRODUCT NFRC "U" RATING CERTIFICATION. NFRC TEST DOCUMENTATION AVAILABLE ON REQUEST.

6. 1" INSULATED GLASS SPECIFICATION FOR U-VALUE RATING OF 0.64BTU/HR*FT2*F (EXCEEDS ASHRAE 90.1-2010 FOR ZONES 1 THRU 8.), REFER TO TEST DOCUMENTATION.

4 ELEVATION
SCALE: 1 1/2" = 1'-0"

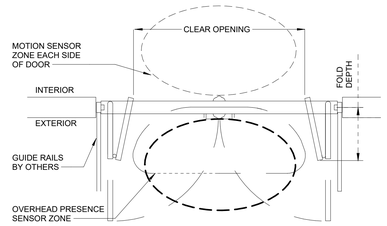


1 VERTICAL SECTION



1 ELEVATION
SCALE: 1" = 1'-0"

3 ELEVATION
SCALE: 1 1/2" = 1'-0"



2 ELEVATION
SCALE: 1" = 1'-0"

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Drawing Title	Phase	Project Title	Project Number
DOOR SCHEDULE	100% NOT FOR CONSTRUCTION BID DOCUMENTS	VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	570-21-108
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Building Number
		Issue Date: 1-23-2026 / Checked: AR / Drawn: TL	Drawing Number: A830

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VA FORM 08 - 6231

COLD FORMED METAL FRAMING NOTES

1. INSTALLATION OF ALL COLD FORMED METAL FRAMING (CFMF) SHALL BE IN STRICT ACCORDANCE WITH AISI "SPECIFICATIONS FOR DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS" AND MANUFACTURER'S RECOMMENDATIONS.
2. ALL CFMF SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
   - STUD SECTIONS & TRACK (12, 14 & 16 GAUGE) ASTM A653/SS, GRADE 50, CLASS 1
   - STUD SECTIONS & TRACK (18 GAUGE) ASTM A653/SS, GRADE 33
   - SLP-TRK, BRIDGING, BLOCKING, ZEE-CLIPS & MISC. ASTM A653/SS, GRADE 50, CLASS 1
   - ALL OTHER CFMF (18 GAUGE & THINNER) ASTM A653/SS, GRADE 33 (16 GAUGE & THICKER) ASTM A653/SS, GRADE 50, CLASS 1
3. ALL CFMF TO BE HOT-DIP GALVANIZED FOR A MINIMUM G60 COATING.
4. ALL CFMF, SHALL CONFORM TO THE FOLLOWING MINIMUM GROSS CROSS SECTIONAL REQUIREMENTS OF TABLE A (SEE TYPICAL DETAILS FOR INTERIOR PARTITION WALL DETAILS):

TABLE A - COLD FORMED METAL FRAMING PROPERTIES

		REF. GAUGE	THICK. (IN)	Ix (IN^4)	Sx (IN^3)
A)	TYPICAL WALL C-STUDS - BASED ON SSMA ICC ER-494 3P				
	362S162-43	18	0.0428	0.710	0.392
	362S162-54	16	0.0538	0.873	0.481
	400S162-43	18	0.0428	0.892	0.446
	400S162-54	16	0.0538	1.098	0.549
	600S162-43	18	0.0428	2.316	0.772
	600S162-54	16	0.0538	2.860	0.953
	600S200-54	16	0.0538	3.319	1.106
	800S162-43	18	0.0428	4.633	1.158
	800S162-54	16	0.0538	5.736	1.434
	800S200-54	16	0.0538	6.573	1.643
B)	SINGLE C-STUD JAMBS (ONLY WHERE SPECIFIED) -BASED ON CEMCE ICC ESR-3016				
	362S300-68	14	0.0677	1.756	0.969
	400S300-68	14	0.0677	2.195	1.098
	400S300-97	12	0.0966	3.007	1.504
	600S300-68	14	0.0677	5.534	1.845
	600S300-97	12	0.0966	7.639	2.546
	800S300-68	14	0.0677	10.758	2.690
	800S300-97	12	0.0966	14.913	3.728
C)	TYPICAL TRACK SECTIONS - BASED ON SSMA ICC ER-4943				
	362T200-43	18	0.0428	0.808	0.427
	362T200-54	16	0.0538	1.024	0.536
	400T200-43	18	0.0428	1.002	0.482
	400T200-54	16	0.0538	1.288	0.604
	600T200-43	18	0.0428	2.494	0.809
	600T200-54	16	0.0538	3.145	1.015
	800T200-43	18	0.0428	4.887	1.197
	800T200-54	16	0.0538	6.152	1.501
	3-5/8" SLP-TRK	16	0.0566	0.325	0.110
D)	SLIP TRACK SECTIONS -BASED ON SLIP TRACK SYSTEMS ICC ESR-1042				
	3-5/8" SLP-TRK	16	0.0566	0.325	0.110
	4" SLP-TRK	16	0.0566	0.335	0.111
	6" SLP-TRK	16	0.0566	0.378	0.111
	8" SLP-TRK	16	0.0566	0.407	0.112

5. A MINIMUM OF TWO STUDS SHALL BE PROVIDED AT THE EDGES OF ALL WALL OPENINGS, UNO
6. ALL CFMF MULTIPLE STUD MEMBERS SHALL BE CONNECTED BY MECHANICAL MEANS AT 16" O.C. MAX, AT EACH FACE OF THE STUD FLANGES, UNO
7. TOP & BOTTOM TRACK MEMBER THICKNESS SHALL BE AT LEAST EQUAL TO THE TYPICAL WALL STUD MEMBER THICKNESS.
8. CONNECTION OF ALL CFMF MEMBERS SHALL BE MADE PRIOR TO INSTALLATION OF GYPSUM WALLBOARD.
9. TYPICAL SCREW PATTERN FOR ATTACHMENT OF GYPSUM SHEATHING TO CFMF SHALL BE 6" O.C. EDGE AND 8" O.C. FIELD. SCREWS SHALL BE GALVANIZED.
10. NO DEAD LOAD OR LIVE LOAD SHALL BE DIRECTLY IMPOSED ON WALL TRACK OR RUNNER UNLESS SPECIFICALLY DESIGNED & DETAILED.
11. FRAMING MEMBERS SHALL BE INSTALLED ALIGN AND PLUMB.
12. SPLICES IN FRAMING MEMBERS (BUILT-UP HEADERS, JAMBS, WALL STUDS & JOISTS) SHALL NOT BE PERMITTED UNLESS SPECIFIED.
13. ALL SHEET METAL SCREWS (SMS), SHALL PENETRATE THRU CONNECTED MEMBERS AND HAVE A MINIMUM OF 3-THREADS EXPOSED, OR 1/4", WHICHEVER IS GREATER.
14. BOTH FLANGES OF STUDS SHALL BE CONNECTED TO THE TOP AND BOTTOM TRACK WITH MINIMUM OF (2) #10 SMS AT EACH CONNECTION.
15. THE CONTRACTOR IS PROHIBITED FROM USING TORCHES TO CUT, OR BURN HOLES IN CFMF TRACK, STUDS OR JOISTS.
16. ALL WELDS AND OTHER CONNECTIONS SHALL BE TOUCHED UP USING ZRC GALVANIZING PAINT (SEE SPECIFICATIONS).
17. FOR ADDITIONAL REQUIREMENTS SEE THE PROJECT'S PLANS AND THE SPECIFICATIONS.

ABBREVIATIONS

A.B.	ANCHOR BOLT	HK.	HOOK
ACI	AMERICAN CONCRETE INSTITUTE ADJUSTMENT	HOR	HORIZONTAL
ADJMT	ADDITIONAL	HP	HIGH POINT
ADDTL.	ANCHOR	I.E.	INVERT ELEVATION
ANCH	ARCHITECTURAL	I.F.	INSIDE FACE
ARCH	AMERICAN SOCIETY FOR TESTING AND MATERIALS	INCL.	INCLUSIVE
ASTM	BUILDING	INS.	INSULATION
BLDG.	BLOCKING	JST.	JOIST
BLKG	BEAM	JT	JOINT
BM	BENCHMARK	K.	KIPS (1000 LB.)
BMK.	BOTTOM	KSF	KIPS PER SQUARE FOOT
BOT	BASEPLATE	KSI	KIPS PER SQUARE INCH
BPL	BRACING	L.L.	LIVE LOAD
BRCG.	BEARING	LLH	LONG LEG HORIZONTAL
BRG	BRICK	LLV	LONG LEG VERTICAL
BRK.	BRACKET	L.P.	LOW POINT
BRKT.	BOTH SIDE (USED W/ REINF)	LSH	LONG SIDE HORIZONTAL
B.S.	BRICK SHELF	LW.	LIGHT WEIGHT
B.S.	BASEMENT	MAS.	MASONRY
BSMT.	BOTH WAYS	MAX	MAXIMUM
B.W.	CANTILEVER	MECH	MECHANICAL
CANT	CONTROL JOINT	MET.	METAL
C.J.	CENTERLINE	MFR	MANUFACTURER
CL.	CLEAR	MIN	MINIMUM
CLR.	CONCRETE MASONRY UNIT	NO.	NUMBER
CMU	COLUMN	NS	NEAR SIDE
COL.	COMPRESSIBLE	N-S	NORTH-SOUTH
COMP.	CONCRETE	O.C.	ON CENTER
CONC.	CONNECTION	O.F.	OUTSIDE FACE
CONN	CONSTRUCTION	OPNG.	OPENING
CONST	CONTINUOUS	OPP.HD.	OPPOSITE HAND
CONT.	CONTRACTOR	P.A.F.	POWDER ACTUATED FASTENER
CONTR.	COORDINATE	PC.	PRECAST
COORD	CORIPLED	P.C.	PRECAST CONCRETE
CR.	DOUBLE	PCF	POUNDS PER CUBIC FOOT
DBL.	DETAIL	PED.	PEDESTAL
DET	DEVELOPMENT	PENET.	PENETRATION
DEVELOP.	DIAGONAL	PL	PLATE
DIAG	DECK	PLUMB.	PLUMBING
DK.	DEAD LOAD	PLWD.	PLYWOOD
D.L.	DOWN	PMF	PREMOLDED FILLER
DN.	DITTO	PNL.	PANEL
DO	DRAWING	PREM.	PREMOLDED
DWG	DOWEL	PSI	POUNDS PER SQUARE INCH
DWL.	EACH	PSF	POUNDS PER SQUARE FOOT
EA.	EACH FACE	REINF	REINFORCING
E.F.	ELEVATION	REQD.	REQUIRED
EL	ELECTRICAL	RET.	RETAINING
ELEC.	ELEVATOR	REV.	REVISION
ELEV.	EMBEDMENT	RF.	ROOF
EMBED	EDGE OF	R.O.	ROUGH OPENING
E.O.	EQUAL	SCHED	SCHEDULE
EQ.	EAST SIDE	SECT.	SECTION
E.S.	ETCETERA	SPAN.	SPANDREL
ETC.	EACH WAY	SPEC.	SPECIFICATIONS
E.W.	EAST-WEST	STAGG.	STAGGERED
E-W	EXISTING	STD.	STANDARD
EXIST	EXPANSION	STIFF	STIFFENER
EXP	EXPANSION JOINT	STL	STEEL
EXP JT	FOUNDATION	SUPP.	SUPPORT
FDN.	FINISH	TEMP.	TEMPORARY
FIN	FLANGE	T.O.C.	TOP OF CONCRETE
FLG	FLOOR	TOL.	TOLERANCE
FLR.	FRAMING	T.O.P.	TOP OF PEDESTAL
FRMG.	FAR SIDE	T.O.S.	TOP OF STEEL
FS	FOOTING	T.O.W.	TOP OF WALL
FTG.	GALVANIZED	TYP.	TYPICAL
GALV.	CONSTRUCTION MANAGER	UNO	UNLESS NOTED OTHERWISE
G.C.	GRANULAR	V.	VERTICAL (USED W/ REINF)
GRAN.	GRADE BEAM	VERT	VERTICAL
GR BM	HORIZONTAL (USED W/ REINF)	(VIF)	VERIFY IN FIELD
H.		WD.	WOOD
		W.P.	WORK POINT
		W.S.	WATER STOP
		W.W.F.	WELDED WIRE FABRIC

POST INSTALLED ANCHORS IN CONCRETE

1. GENERAL REQUIREMENTS FOR ANCHORS IN CONCRETE:

- WHEN INSTALLING DRILLED-IN ANCHORS AND/OR POWER ACTUATED FASTENERS IN EXISTING NON-PRESTRESSED REINFORCED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. WHEN INSTALLING THEM INTO EXISTING PRESTRESSED CONCRETE (PRE- OR POST-TENSIONED), LOCATE THE PRESTRESSED TENDONS BY USING A NON-DESTRUCTIVE METHOD PRIOR TO INSTALLATION. EXERCISE EXTREME CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE TENDONS DURING INSTALLATION. MAINTAIN A MINIMUM CLEARANCE OF ONE INCH BETWEEN THE REINFORCEMENT AND THE DRILLED-IN ANCHOR AND/OR POWER ACTUATED FASTENER.
- LOCATE REINFORCEMENT AND CONFIRM FINAL ANCHOR LOCATIONS PRIOR TO FABRICATING PLATES, MEMBERS, OR OTHER STEEL ASSEMBLIES ATTACHED WITH ANCHORS.
- IF REINFORCEMENT IS ENCOUNTERED DURING DRILLING, ABANDON AND SHIFT THE HOLE LOCATION TO AVOID THE REINFORCEMENT. PROVIDE A MINIMUM OF 2 ANCHOR DIAMETERS OR 1", WHICHEVER IS LARGER, OF SOUND CONCRETE BETWEEN THE ANCHOR OR DOWEL AND THE ABANDONED HOLE. FILL THE ABANDONED HOLE WITH NON-SHRINK GROUT. IF THE ANCHOR OR DOWEL MAY NOT BE SHIFTED AS NOTED ABOVE, THE SEOR WILL DETERMINE A NEW LOCATION.
- THREADED ROD OR REINFORCEMENT EPOXY ADHESIVE ANCHORS SHALL BE STRAIGHT, AND FREE OF MILL SCALE, RUST, MUD, OIL, AND OTHER COATINGS THAT MAY IMPAIR THE BOND WITH ADHESIVE.
- REINFORCING BARS MUST NOT BE BENT AFTERINSTALLATION, EXCEPT AS SET FORTH IN ACI 318, SECTION 7.3.2, WITH THE ADDITIONAL CONDITION; THAT THE REINFORCING BARS MUST BE BENT COLD, AND HEATING OF REINFORCING BARS TO FACILITATE FIELD BENDING IS STRICTLY PROHIBITED.

2. ANCHOR REQUIREMENTS:

ALL FIELD INSTALLED MECHANICAL ANCHORS SHALL BE FURNISHED AS FOLLOWS, UNO:

- WEDGE EXPANSION ANCHORS: HILTI KB-TZ2 ICC-ESR 4266.
- EPOXY ADHESIVE ANCHORS: HILTI-HY 200 PER ICC ESR-3187, UNO.
- THREADED ROD: A193 GR B7 WITH A563 GR DH HEAVY HEX NUTS & F436 WASHERS, UNO. ONLY WHERE SPECIFIED: A36 WITH A563 GR A NUTS AND ANSI B18.22.1, TYPE A WASHERS. FOR STAINLESS STEEL APPLICATIONS, FURNISH F593 CW1 OR F593 CW2 RODS WITH F594 NUTS AND F436 WASHERS.
- REBAR DOWELS: A615 GR 60, UNO.
- POWDER ACTUATED FASTENERS: HILTI X-U NAIL PER ICC ESR-2269.
- SCREW ANCHORS: HILTI KH-EZ PER ICC ESR-3027.
- PROVIDE STAINLESS STEEL ANCHORS (SS) FOR EXTERIOR USE OR WHEN EXPOSED TO WEATHER, PROVIDE ZINC COATED CARBON STEEL ANCHORS AT ALL OTHER LOCATIONS, UNO.

STRUCTURAL STEEL NOTES

1. STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED, AND ERECTED BY AN APPROVED AND LICENSED FABRICATOR, IN ACCORDANCE WITH THE AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS (LATEST EDITION), AND WITH CHAPTER 22 OF CBC 2022.
2. ALL STRUCTURAL STEEL SHALL CONFORM TO THE ASTM DESIGNATION AS INDICATED BELOW (UNO):

ALL WF SHAPES & WT SHAPES	A992, GRADE 50
ANGLES, CHANNELS	A36
CONNECTION PLATES, AND MISC STEEL (UNO)	A36
DRAG CONNECTION PLATES	ASTM A572, GRADE 50
PIPE COLUMNS	A53, GRADE B
HSS SECTIONS	A500, GRADE B, 46KSI
HIGH STRENGTH BOLTS	A325 / A490
ANCHOR BOLTS IN CONCRETE	ASTM F1554, 36KSI
HIGH STRENGTH FOUNDATION ANCHOR BOLTS FOR MOMENT FRAMES AND BRACE FRAMES	ASTM F1554, 55KSI
GRAVITY COLUMN BASE PLATES	A36
CONTINUITY PLATES, DOUBLER PLATES , BASE PLATES FOR MOMENT FRAMES AND BRACE FRAMES, AND STIFFENER PLATES CONNECTED TO BASE PLATES	ASTM A572, GRADE 50

3. THE STRUCTURAL STEEL FABRICATOR SHALL FURNISH ALL STEEL SHOP DRAWINGS TO THE ARCHITECT AND THE STRUCTURAL ENGINEERS FOR REVIEW AND APPROVAL.
4. BOLT HOLES USED IN STEEL SHALL BE 1/16" LARGER IN DIAMETER THAN NOMINAL SIZE OF BOLT USED, EXCEPT AS NOTED.
5. ALL STRUCTURAL STEEL SURFACES THAT ARE ENCASED IN CONCRETE, OR MASONRY, SPRAY ON FIREPROOFING, OR ARE ENCASED BY BUILDING FINISH, SHALL BE LEFT UNPAINTED.
6. ALL WELDING IS TO BE DONE BY CERTIFIED WELDERS USING E70XX ELECTRODES (UNO). ALL WELDS SHALL BE IN CONFORMITY WITH THE PROJECT SPECIFICATIONS AND THE CODE FOR WELDING IN BUILDING CONSTRUCTION (AWS D1.1 LATEST REVISION) OF THE AMERICAN WELDING SOCIETY. SEE SPECIAL INSPECTION SECTION FOR WELDING INSPECTION REQUIREMENTS.
7. WELD LENGTHS CALLED FOR ON PLANS ARE THE NET EFFECTIVE LENGTH REQUIRED. WHERE FILLET WELD SYMBOL IS GIVEN WITHOUT INDICATION OF SIZE, USE MINIMUM SIZE WELDS AS SPECIFIED IN AISC MANUAL OF STEEL CONSTRUCTION 14TH EDITION, TABLE J2.4.
8. ALL STRUCTURAL STEEL AND MISCELLANEOUS METAL EXPOSED TO THE OUTSIDE ATMOSPHERE AND NOT RECEIVING INTRUMESCENT PAINT SHALL BE HOT DIP GALVANIZED AFTER FABRICATION.
9. THE USE OF E7DT-4 WELDING WIRE IS NOT ALLOWED FOR ANY APPLICATION.
10. FOR ARCHITECTURAL EXPOSED STRUCTURAL STEEL (AESS) SPECIFIED ON THE DRAWINGS REFER TO THE "AISC CODE OF STANDARD PRACTICE."
11. WRITTEN WELDING PROCEDURE SPECIFICATIONS (WPS) PER THE RECOMMENDATIONS OF THE AMERICAN WELDING SOCIETY (AWS) SHALL BE DEVELOPED BY THE FABRICATOR/ERECTOR AND SUBMITTED FOR REVIEW TO THE STRUCTURAL ENGINEER PRIOR TO ANY WELDING OF THE STRUCTURAL STEEL THE WELDING PROCEDURES SHALL INCLUDE ALL THE WELDED JOINTS AND CONFIGURATIONS TO BE USED ON THIS PROJECT ONLY. WPS WHICH ARE RELEVANT TO THIS PROJECT SHALL BE SUBMITTED. ALL WELDED JOINTS SHALL BE PRE-QUALIFIED PER AWS OR BE QUALIFIED BY TEST PER AWS. A PROCEDURE QUALIFICATION RECORD (PQR) SHALL BE INCLUDED WITH THE WPS IF THE WELDING PROCEDURE OR JOINT IS QUALIFIED BY TESTING. THE ELECTRODE MANUFACTURER AND PRODUCT/TRADE NAME SHALL BE IDENTIFIED IN THE WPS IN ADDITION TO THE AWS ELECTRODE CLASSIFICATION NAME. A COPY OF THE ELECTRODE MANUFACTURER'S TECHNICAL DATA SHEETS WITH THE RECOMMENDED WELDING PARAMETERS SHALL BE SUBMITTED WITH THE WPS.
12. ALL WELD FILLER MATERIALS SHALL HAVE A MINIMUM CHARPY V-NOTCH (CVN) VALUE OF 20 FT-LBS AT A TEMPERATURE OF 0ºF. IN ADDITION, COMPLETE JOINT PENETRATION WELD FILLER SHALL PROVIDE A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 40 FT.-LBS AT 70ºF.
13. 100% ULTRASONIC TESTING FOR ALL COMPLETE PENETRATION GROOVE WELDS.
14. WELDING, QUALITY CONTROL, QUALITY ASSURANCE, INSPECTION AND TESTING OF ALL SPECIAL CONCENTRIC BRACE FRAMES AND SPECIAL MOMENT RESISTING FRAMES SHALL CONFORM WITH CHAPTER J FROM AISC 341-16 AND WELDING PROVISIONS AWS D1.8.
15. PROVIDE NATURAL CAMBER UP, UNLESS NOTED OTHERWISE, EXCEPT AT CANTILEVERS. AT CANTILEVERS PROVIDE CAMBER SUCH THAT TIP OF CANTILEVERS IS ABOVE THE FINAL ELEVATION.
16. SPLICE MEMBERS ONLY WHERE INDICATED.
17. STRUCTURAL STEEL TO CONFORM TO THE SPECIFICATIONS.
18. WHEN WELDS FROM WEB DOUBLER PLATES OR CONTINUITY PLACES OCCUR IN THE K-AREA OF ROLLED STEEL COLUMNS, THE K-AREA ADJACENT TO THE WELDS SHALL BE INSPECTED AFTER FABRICATION AS REQUIRED BY THE ENFORCEMENT AGENCY, USING APPROVED NONDESTRUCTIVE METHODS CONFORMING TO AWS D1.8. THE K-AREA IS DEFINED IN WIDE FLANGE SHAPES TO BE THE AREA OF THE WEB IMMEDIATELY ADJACENT TO THE FLANGE, EXTENDING FROM THE FILLET TO A POINT APPROXIMATELY 1-1/2" BEYOND THE POINT OF TANGENCY BETWEEN THE FILLET AND THE WEB.
19. COMPOSITE BEAMS: CONNECT SLAB TO BEAM WITH 3/4"Ø WELDED STUD SHEAR CONNECTORS. EXTEND 1-1/2" MINIMUM ABOVE TOP OF METAL DECK (STUD LENGTH SHALL BE 4" MIN AT 6 1/4" TOTAL DECK HEIGHT & 3 1/2" AT 4 1/2" TOTAL DECK HEIGHT)
20. THE STRUCTURAL STEEL CONTRACTOR SHALL VERIFY IN THE FIELD BY A SURVEY ALL EXISTING CONDITIONS CONNECTED WITH HIS WORK INCLUDING ANCHOR BOLT AND LEVELING PLATE LOCATIONS PRIOR TO ORDERING ANY MATERIAL OR COMMENCEMENT OF ANY WORK.
21. THE STRUCTURAL STEEL CONTRACTOR SHALL PROVIDE SATISFACTORY BRACING OF THE NEW STEEL FRAME UNTIL ALL NEW FRAMING AND THE METAL DECK IS ERECTED AND FINAL CONNECTIONS ARE COMPLETE AND THE CONCRETE SLABS ON METAL DECK ARE PLACED.
22. THE STRUCTURAL STEEL CONTRACTOR SHALL PROVIDE SATISFACTORY BRACING OF THE NEW STEEL FRAME UNTIL ALL NEW FRAMING AND THE METAL DECK IS ERECTED AND FINAL CONNECTIONS ARE COMPLETE AND THE CONCRETE SLABS ON METAL DECK ARE PLACED.
23. ALL STRUCTURAL STEEL MEMBERS, I.E. SHELF ANGLES, CHANNELS, ETC., WHICH DIRECTLY SUPPORT THE ARCHITECTURAL BUILDING SKIN SHALL BE FABRICATED AND ERECTED TO WITHIN 3/16" OF THE THEORETICAL SUPPORT POSITION SHOWN ON THE CONTRACT DOCUMENTS. ALL SUCH MEMBERS WHICH BUTT SHALL HAVE THE SAME POSITION AT THE BUTT LINE TO INSURE A CONTINUOUS SURFACE FOR SUPPORT ACROSS THE BUTT LINE.
24. ALL SHIMS USED IN POSITIONING THE STRUCTURAL STEEL FOR SUPPORTING THE ARCHITECTURAL BUILDING SKIN SHALL BE FULL BEARING STEEL FINGER SHIMS AND UPON FINAL ALIGNMENT ALL SUCH SHIMS SHALL BE TACK WELDED TOGETHER AS WELL AS TO THE CONFINING STEEL TOP AND BOTTOM.
25. ALL STRUCTURAL STEEL DIRECTLY EXPOSED TO THE WEATHER SHALL BE HOT DIPPED GALVANIZED AND TOUCHED UP WITH ZRC WHERE ABRADED OR AFTER WELDING (SEE SPECIFICATIONS).
26. MAIN SUPPORT MEMBERS FOR THE METAL DECK ARE SHOWN ON THE CONTRACT DRAWINGS. DURING PREPARATION, SUBMISSION, AND REVIEW OF SHOP DRAWINGS ANY ADDITIONAL SUPPORT OR ATTACHMENT DETAILS REQUIRED TO ESTABLISH THE METAL DECK AT THE REQUIRED ELEVATION SHALL BE PROVIDED BY THE STRUCTURAL STEEL CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
27. STRUCTURAL STEEL ERECTOR: NOTE THAT SEQUENCE OF ERECTION TO BE COORDINATED AS REQUIRED FOR AREAS SUPPORTED BY CANTILEVERS. ALL MOMENT CONNECTIONS AND/OR OTHER CONNECTIONS FOR CANTILEVERED FRAMING SHALL HAVE TEMPORARY BRACING AND SUPPORT OF CANTILEVER FRAMING UNTIL ALL FINAL CONNECTIONS ARE COMPLETED AND INSPECTED BY THE TESTING AND INSPECTION AGENCY, AND THE RESULTS ACCEPTED PRIOR TO ERECTING FRAMING SUPPORTED BY THE CANTILEVER ENDS.
28. WELD ACCESS HOLE SHALL BE GROUND SMOOTH TO A SURFACE ROUGHNESS VALUE NOT TO EXCEED 500 MICRO INCH; AND SHALL BE FREE OF NOTCHES AND GOUGES.

GENERAL NOTES

1. THE CONSTRUCTION MANAGER SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE SITE BEFORE ORDERING ANY MATERIALS AND BEGINNING ANY WORK, THE CONSTRUCTION MANAGER SHALL FIELD SURVEY AND ESTABLISH THE EXISTING BUILDING DIMENSIONS WHERE NEW CONSTRUCTION ABUTS EXISTING BUILDINGS. THIS FIELD SURVEY SHALL INCLUDE, BUT SHALL NOT BE LIMITED TO THE FOLLOWING: DIMENSIONS OF EXISTING BUILDING FACE INCLUDING ALL FENESTRATIONS, PROJECTIONS, ETC, PLUMBNESS OF WALLS, FLOOR AND ROOF ELEVATIONS, AND ALL OTHER PERTINENT DIMENSIONS. THIS FIELD SURVEY SHALL BE FOR THE USE BY ALL CONTRACTORS AND SHALL BE SUBMITTED TO THE OWNER AND ENGINEER FOR RECORD ONLY.
2. THE CONSTRUCTION MANAGER SHALL BE RESPONSIBLE FOR ALL WORK AND COORDINATION INVOLVED TO PROVIDE ALL OPENINGS SHOWN ON THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS. CONSTRUCTION MANAGER SHALL PROVIDE FRAMING AND ALL CONNECTIONS AND COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS. (NOTE - NOT ALL OPENINGS ARE SHOWN ON THE STRUCTURAL DRAWINGS.)
3. ALL CONTRACTORS SHALL BE RESPONSIBLE TO INSURE PROPER STORAGE OF MATERIAL IS MAINTAINED SO AS NOT TO CAUSE OVERLOADING OF THE EXISTING OR NEW STRUCTURE DURING PERFORMANCE OF THIS WORK. CONSTRUCTION MANAGER TO COORDINATE.
4. ALL CONTRACTORS SHALL VERIFY AND/OR ESTABLISH ALL EXISTING CONDITIONS AND DIMENSIONS AT THE SITE BEFORE ORDERING ANY MATERIAL AND COMMENCEMENT OF ANY WORK.
5. IF THE EXISTING CONDITIONS DO NOT PERMIT THE INSTALLATION OF THE WORK IN ACCORDANCE WITH THE DETAILS AS SHOWN, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY AND PROVIDE A SKETCH OF THE CONDITION WITH HIS PROPOSED MODIFICATION TO THE DETAILS GIVEN ON THE CONTRACT DOCUMENTS. THE FINAL INSTALLATION SHALL BE DONE AS REQUIRED BY THE ENGINEER, AT NO ADDITIONAL COST TO THE OWNER.
6. ALL STRUCTURAL STEEL ANGLES ATTACHED TO THE STRUCTURAL STEEL TO SUPPORT THE ARCHITECTURAL BUILDING SKIN MATERIALS (PRECAST PANEL SYSTEM, METAL PANEL SYSTEM WINDOW WALL SYSTEM, SKYLIGHT SYSTEM, AND MASONRY, ETC.) NOT PART OF EACH WALL SYSTEM SHOWN ON STRUCTURAL AND/OR ARCHITECTURAL DRAWINGS ARE TO BE PROVIDED UNDER THE METAL FABRICATIONS SECTION 05500 OF THE SPECIFICATIONS. CONTRACTOR MUST COORDINATE DETAILS SHOWN ON STRUCTURAL DRAWINGS WITH ARCHITECTURAL DRAWINGS. CONSTRUCTION MANAGER SHALL BE RESPONSIBLE TO ASSIGN WHO FURNISHES AND INSTALLS ALL SUCH SUPPORTING ANGLES SHOWN ON THE DRAWINGS AND REQUIRED BY THE RESPECTIVE SUBCONTRACTORS AND/OR TRADES.
7. THE CONTRACTOR SHALL VERIFY ALL OPENINGS SHOWN ON THE STRUCTURAL DRAWINGS WITH THE DIMENSIONS AND LOCATIONS SHOWN ON THE ARCHITECTURAL DRAWINGS AS WELL AS DRAWINGS OF OTHER TRADES PRIOR TO CONSTRUCTION.
8. THE CONTRACTOR TO COORDINATE ALL RELATED TRADE ACTIVITY REGARDING SHUT DOWNS, RE-ROUTING, TEMPORARY INSTALLATION, ETC. NECESSARY FOR THIS INSTALLATION WITH OWNER'S REPRESENTATIVE.
9. THE CONSTRUCTION MANAGER SHALL ESTABLISH SPECIFIC MEANS AND METHODS FOR INSTALLATION AND SHALL COORDINATE THE WORK FOR ALL CONTRACTORS AND COMPLY WITH OWNER'S REQUIREMENTS.
10. THE CONSTRUCTION MANAGER SHALL COORDINATE THE LOCATION AND DIMENSIONS OF ELEVATOR PITS, WALLS, ETC. AND OPENINGS WITH ELEVATOR MANUFACTURER (TYPICAL).
11. COORDINATE WITH EQUIPMENT MANUFACTURERS FOR EXACT SIZE, LOCATION, ETC. OF PITS, CAST-IN ITEMS, WALLS, ETC. BEFORE LAYOUT, ORDERING ANY MATERIAL OR COMMENCEMENT OF ANY WORK.
12. CONTRACTORS RESPONSIBLE FOR THE CONSTRUCTION OF A WIND OR SEISMIC FORCE RESISTING SYSTEM/COMPONENT LISTED IN THE STATEMENT OF SPECIAL INSPECTION SHALL SUBMIT A WRITTEN STATEMENT OF RESPOINSIBILITY TO LADBS INSPECTORS AND THE OWNER PRIOR TO COMMENCEMENT OF WORK ON SUCH SYSTEM OR COMPONENT.
13. CONTINOUS SPECIAL INSPECTION BY A REGISTERED DEPUTY INSPECTOR IS REQUIRED FOR FIELD WELDING, POST INSTALLED ADHESIVE ANCHORS INSTALLED HORIZONTALLY OR UPWARDLY INCLINED TO RESIST SUSTAINED TENSION LOADS, SHOTCRETE PLACEMENT, CONCRETE STRENGTH F'C > 2500 PSI, SPRAYED ON FIREPROOFING, ENGINEERED MASONRY, HIGH-LIFT GROUTING, HIGH LOAD DIAPHRAGMS AND SPECIAL MOMENT-RESISTING CONCRETE FRAMES, AND HELICAL PILE FOUNDATIONS.
14. SPECIAL ACTIVITY INSPECTION IS REQUIRED FOR (BUILDINGS 5 STORIES OR 60' IN HEIGHT) (BUILDINGS OVER 50,000 SQ. FT. OF GROUND FLOOR AREA) (BUILDINGS OVER 200,000 SQ. FT. OF TOTAL FLOOR AREA).

STRUCTURAL DRAWING INDEX

SG.1 STRUCTURAL NOTES AND INDEX SHEET
SG.2 STRUCTURAL SPECIAL INSPECTION NOTES

S2.3 PARTIAL FRAMING PLAN - LEVEL 3

S5.1 TYPICAL DETAILS

DESIGN LOADS - CBC 2022, IBC 2021

DESIGN LIVE LOADS

MAINTENANCE STAIR	50 PSF

LATERAL LOADS - WIND

WIND LOAD DESIGN PARAMETERS:

BASIC WIND SPEED	V = 105 MPH
WIND LOAD IMPORTANCE FACTOR	I = 1
WIND EXPOSURE	C
INTERNAL PRESSURE COEFFICIENT	GCpi = ± 0.18

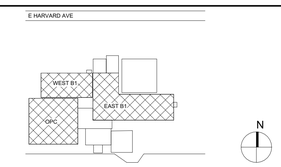
LATERAL LOADS - SEISMIC

SEISMIC LOAD INFORMATION FOR MAIN LATERAL FORCE RESISTING SYSTEM: (PER CBC 2022)

SEISMIC IMPORTANCE FACTOR	I = 1.5
SEISMIC COMPONENT IMPORTANCE FACTOR	Ip = 1.5
SEISMIC RISK CATEGORY	II
SITE CLASS	D
SEISMIC DESIGN CATEGORY	D
SHORT-PERIOD MAPPED MCE SPECTRAL RESPONSE ACCEL	Ss = 0.584
1-SECOND MAPPED MCE SPECTRAL RESPONSE ACCEL	S1 = 0.227
SHORT-PERIOD DESIGN SPECTRAL RESPONSE ACCEL	Sds = 0.519
1-SECOND DESIGN SPECTRAL RESPONSE ACCEL	Sd1 = N/A

GENERAL NOTES

KEYPLAN



Revisions:	Date:

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VA U.S. Department of Veterans Affairs

Drawing Title: STRUCTURAL NOTES AND INDEX SHEET

Approved: Project Director

Phase: 100% NOT FOR CONSTRUCTION BID DOCUMENTS

FULLY SPRINKLERED

Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC

Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223

Issue Date: 1-23-2026

Checked: TM

Drawn: AR

Project Number: 570-21-108

Building Number:

Drawing Number: SG.1

VA FORM 08 - 6231

Autodesk Docs://FRE2201 - Fresno Repair Exterior Finishes, Building 1 & Outpatient/FRE2201-S - VA Fresno Exterior.rvt

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COLD-FORMED STEEL FRAMING

		FREQUENCY	REFERENCED STANDARD
1.	DURING WELDING OPERATIONS OF ELEMENTS OF THE WIND/SEISMIC-FORCE -RESISTING SYSTEM.	PERIODIC	CBC 1705.12.2
2.	SCREW ATTACHEMENT, BOLTING, ANCHORING, AND OTHER FASTENING OF COMPONENTS WITHIN WIND/SEISMIC-FORCE-RESISTING SYSTEM, INCLUDING SHEAR WALLS, BRACES, DIAPHRAGMS, COLLECTORS, (DRAG STRUTS), BRACES, SHEAR PANELS, & HOLD DOWNS.	PERIODIC	

EXCEPTION:
SPECIAL INSPECTION ARE NOT REQUIRED FOR FOR COLD FORMED STEEL LIGHT-FRAME SHEAR WALLS, AND DIAPHRAGMS, INCLUDING SCREW INSTALLATION, BOLTING, ANCHORING, AND OTHER FASTENING OF OTHER COMPONENTS OF THE SEISMIC-FORCE-RESISTING SYSTEM, WHERE EITHER OF THE FOLLOWING APPLIES:

1. THE SHEATHING IS GYPSUM BOIARD OR FIBERBOARD.
2. THE SHEATHING IS WOOD STRUCTURAL PANEL OR STEEL SHEETS ON ONLY ONE SIDE OF THE SHEAR WALL, SHEAR PANEL OR DIAPHRAGM ASSEMBLY AND THE FASTENER SPACING OF THE SHEATHING IS MORE THAN 4 INCHES (102 mm) ON CENTER.

POST-INSTALLED ANCHORS

		FREQUENCY	REFERENCED STANDARD
1.	INSPECT EPOCY ANCHORS AND EXPANSION ANCHORS INSTALLED IN HARDENED CONCRETE OR MASONRY	CONTINUOUS	PRODUCT ICC-ES REPORT

STEEL CONSTRUCTION

TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD	CBC REFERENCE A
1. MATERIAL IDENTIFICATION AND TESTING OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS:				
A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	—	X	RCSC: 1.5, AISC 360: A3.3, J3.1 AND APPLICABLE ASTM MATERIAL STANDARDS	2202.1
B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	—	X	RCSC: 1.5 & 2.1; AISC 360: A3.3 & N3.2	—
C. TESTING OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS.	—	—	RCSC: 7.2, APPLICABLE ASTM MATERIAL STANDARDS	1705.2.6, 2213.1
2. INSPECTION OF HIGH-STRENGTH BOLTING:				
A. SNUG-TIGHT JOINTS.	—	X	RCSC: 7-9, AISC 360: J3.1, J3.2, M2.5 & N5.6	1705.2.6, 2204.2
B. PRETENSIONED AND SLIP-CRITICAL JOINTS USING TURN-OF-NUT WITH MATCHMARKING, TWIST-OFF BOLT OR DIRECT TENSION INDICATOR METHODS OF INSTALLATION	—	X		
C. PRETENSIONED AND SLIP-CRITICAL JOINTS USING TURN-OF-NUT WITHOUT MATCHMARKING OR CALIBRATED WRENCH METHODS OF INSTALLATION.	X	—		
3. MATERIAL IDENTIFICATION AND TESTING OF STRUCTURAL STEEL AND COLD-FORMED STEEL DECK:				
A. FOR STRUCTURAL STEEL, IDENTIFICATION MARKINGS TO CONFORM TO AISC 360.	—	X	AISC 360: A3.1	2202.1
B. FOR OTHER STEEL, IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	—	X	APPLICABLE ASTM MATERIAL STANDARDS	2202.1
C. MANUFACTURER'S CERTIFIED TEST REPORTS.	—	X	AISC 360: A3.1& N3.2	—
D. TESTING OF UNIDENTIFIED STEEL.	—	—	APPLICABLE ASTM MATERIAL STANDARDS	2202.1
4. MATERIAL IDENTIFICATION OF WELDING CONSUMABLES AND TESTING OF WELDED ELEMENTS:				
A. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS.	—	X	AISC 360, A3.5 & N3.2 AND APPLICABLE AWS A5 DOCUMENTS	—
B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	—	X	AISC 360: N3.2	—
C. NONDESTRUCTIVE TESTING OF WELDED JOINTS.	—	—	AISC 360: N5.5	—
5. INSPECTION OF WELDING:				
A. STRUCTURAL STEEL AND COLD-FORMED STEEL DECK:				
1. COMPLETE AND PARTIAL JOINT PENETRATION GROOVE WELDS	X	—	AISC 360: J2, M2.4, & M4.5, AWS D1.1 AWS D1.8	1705.2.1, 1705.2.5
2. MULTIPASS FILLET WELDS.	X	—		
3. SINGLE-PASS FILLET WELDS > 5/16"	X	—		
4. PLUG AND SLOT WELDS.	X	—		
5. SINGLE-PASS FILLET WELDS ≤ 5/16"	—	X		
6. FLOOR AND ROOF DECK WELDS.	—	X	AWS D1.3, SDI QA/QC	1705.2.1, 1705.2.2 1705.2.5
7. END-WELDED STUDS.	—	X	AWS D1.1	1705.2.5, 2213.2, 2212.6.2
8. WELDED SHEET STEEL FOR COLD-FORMED FRAMING MEMBERS	—	X	AWS D1.3	1705.2.5, 1705.2.4.1
B. REINFORCING STEEL				TABLE 1705.3, ITEM 2
6. INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE:				
A. DETAILS SUCH AS BRACING AND STIFFENING.	—	X	AISC 360: N5.8	1705.2.1
B. MEMBER LOCATIONS.	—	X		
C. APPLICATION OF JOINT DETAILS AT EACH CONNECTION.	—	X		

FOR SI: 1 INCH = 25.4 MM.
A. WHERE APPLICABLE, SEE ALSO SECTION 1705A.13, SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.

STEEL FABRICATORS

		FREQUENCY	REFERENCED STANDARD
1.	INSPECTION OF WELDING:		CBC SECTION 1704.2.5
	A. STRUCTURAL STEEL (AISC CERTIFIED FOR CONVENTIONAL STEEL BUILDING)	PERIODIC	
	B. STEEL JOIST/ JOIST GIRDERS (SJI MEMBER)		
	C. STEEL ROOF DECK (SDI MEMBER)		
	D. PRECAST CONCERETE WALL PANELS (PCI GROUP C MANUFACTURER WITH C3 CERTIFICATION)		
	E. LOAD BEARING CONCRETE MASONRY (NCMA MEMBER)		
2.	WHEN SPECIAL INSPECTION ARE REQUIRED BY BUILDING OFFICIAL:		CBC SECTION 1704.2.5
	A. FABRICATION AND IMPPLEMENTATION PROCEDURES: THE SPECIAL INSPECTOR SHALL VERIFY THAT THE FABRICATOR MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES THAT PROVIDES A BASIS FOR INSPECTION, CONTROL OF THE WORKMANSHIP, AND THE FABRICATOR'S ABILITY TO CONFORM TO APPROVED CONSTRUCTION DOCUMENTS AND REFERENCED STANDARDS. THE SPECIAL INSPECTOR SHALL REVIEW THE PROCEDURES FOR COMPLETENESS AND ADEQUACY REALATIVE TO THE CODE REQUIREMENTS FOR THE FABRICATOR'S SCOPE OF WORK.	PERIODIC	
3.	WHEN SPECIAL INSPECTION ARE NOT REQUIRED BY BUILDING OFFICIAL:		CBC SECTION 1704.2.5
	A. UPON COMPLETION OF FABRICATION, THE APPROVED FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE BUILDING OFFICIAL STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.	PERIODIC	

STRUCTURAL OBSERVATION NOTES

STRUCTURAL OBSERVATION PROGRAM AND DESIGNATION OF THE STRUCTURAL OBSERVER

PROJECT ADDRESS: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223
DESCRIPTION OF WORK: MAINTENANCE STAIR
OWNER: Veterans Affairs ARCHITECT: PARADIGM ENGINEER: MOON TREE LLC

STRUCTURAL OBSERVATION
(ONLY CHECKED ITEMS ARE REQUIRED)

FIRM OR INDIVIDUAL TO BE RESPONIBLE FOR THE STRUCTURAL OBSERVATION:

NAME: DAVID R. WALTON PHONE: 918-427-7166 OKLAHOMA REGISTRATION: PE 24030

FOUNDATION	WALL	FRAME	DIAPHRAGM
☐ FOOTING, STEM WALL, PIERS	☐ CONCRETE	☐ STEEL MOMENT FRAME	☐ CONCRETE
☐ MAT FOUNDATION	☐ MASONRY	☐ STEEL BRACED FRAME	☐ STEEL DECK
☐ CASSION, PILES, GRADE BEAMS	☐ WOOD	☐ CONCRETE MOMENT FRAME	☐ WOOD
☐ STEPP'G/RETAIN'G FOUNDATION HILLSIDE SPECIAL ANCHORS	☑ METAL STUD WALLS	☐ MASONRY WALL FRAME	☐ DIAGONAL STRAP BRACING
☐ EQUIPMENT SEISMIC ANCHORAGE:	☐ OTHERS:	☑ OTHERS:	☑ GRATING

1. STRUCTURAL OBSERVATIONS BY AN INDEPENDENT ENGINEER OR THE ENGINEER OF RECORD SHALL BE MADE IN ACCORDANCE WITH SECTION 1704 OF THE CALIFORNIA BUILDING CODE AT THE EXPENSE OF THE OWNER TO REVIEW THE CONSTRUCTION OF THE PROJECT. STRUCTURAL OBSERVATION IS THE VISUAL OBSERVATION OF THE ELEMENTS AND CONNECTIONS OF THE STRUCTURAL SYSTEMS AT SIGNIFICANT CONSTRUCTION STAGES, AND THE COMPLETED STRUCTURE FOR GENERAL CONFORMANCE TO THE APPROVED PLANS AND SPECIFICATIONS. STRUCTURAL OBSERVATION DOES NOT WAIVE THE RESPONSIBILITY FOR THE INSPECTIONS REQUIRED OF THE BUILDING INSPECTOR OR THE DEPUTY INSPECTOR.
2. THE OWNER SHALL EMPLOY THE CIVIL OR STRUCTURAL ENGINEER OR THE ARCHITECT OF RECORD OR THEIR DESIGNATED AGENT TO PERFORM THE STRUCTURAL OBSERVATION.
3. EVIDENCE OF EMPLOYMENT SHALL BE PROVIDED BY THE OWNER BY THE BUILDING INSPECTOR BEFORE THE FIRST SITE VISIT.
4. WHEN A PRE-CONSTRUCTION MEETING IS REQUIRED, IT SHALL BE ATTENDED BY THE GENERAL CONTRACTOR, APPROPRIATE SUBCONTRACTORS, AND DEPUTY INSPECTORS. THE MAJOR STRUCTURAL ELEMENTS AND CONNECTIONS WHICH REQUIRE STRUCTURAL OBSERVATION WILL BE IDENTIFIED. A RECORD OF THE MEETING SHALL BE INCLUDED IN THE FIRST OBSERVATION REPORT.
5. REQUIRED OBSERVATIONS ARE TO OCCUR AT THE FOLLOWING STAGES OF CONSTRUCTION AS A MINIMUM, FOR EACH BUILDING OR STRUCTURE AS APLICABLE. NOTIFY THE ENGINEER 72 HOURS PRIOR TO EACH OBSERVATION.

REQUIRED IF CHECKED		ITEMS
	A.	PRECONSTRUCTION MEETING SHALL BE ATTENDED BY THE STRUCTURAL OBSERVER OF RECORD.
	B.	PRIOR TO THE PLACEMENT OF CONCRETE FOR THE FIRST FOUNDATION POUR.
	C.	PRIOR TO THE PLACEMENT OF CONCRETE IN WALL FORMS.
	D.	UPON COMPLETION OF WELDING AT STEEL MOMENT FRAMES.
●	E.	UPON COMPLETED ERECTION OF STRUCTURAL STEEL.
	F.	AFTER NAILING OF ALL PLYWOOD SHEAR WALLS AND ALL HOLDOWNS, DRAGS, STRAPS ARE IN PLACE, AND PRIOR TO COVERING ANY OF THE SHEAR WALLS.
	G.	AFTER NAILING OF FLOOR PLYWOOD DIAPHRAGM(S); PRIOR TO COVERING.
	H.	AFTER NAILING OF ROOF PLYWOOD DIAPHRAGM(S); PRIOR TO COVERING.
	I.	PRIOR TO ROOFING OR PLACEMENT OF CONCRETE FILL OVER METAL DECK ROOFS OR FLOORS.
●	J.	FINAL WALK THROUGH UPON COMPLETION OF ALL STRUCTURAL ASPECTS OF THE PROJECT PRIOR TO ARCHITECTURAL FINIISHES INCLUDING ROOFING.
	K.	NO STRUCTURAL OBSERVATION REQUIRED.

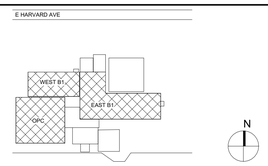
6. A REPORT PREPARED ON DEPARTMENT FORMS OR FORMS PREPARED BY THE ENGINEER OR ARCHITECT OF RECORD FOR EACH SIGNIFICANT STAGE OF CONSTRUCTION OBSERVED, SHALL BE LEFT AT THE CONSTRUCTION SITE FOR THE CONTRACTOR TO FORWARD TO THE BUILDING INSPECTOR. THE FORMS SHALL BE WET SIGNED AND SEALED BY THE RESPONSIBLE STRUCTURAL OBSERVER, ONE SIGNED COPY OF THE REPORT SHALL BE PROVIDED TO THE OWNER, CONTRACTOR, AND DEPUTY INSPECTOR, AS REQUESTED.
7. A FINAL OBSERVATION REPORT SHALL BE SUBMITTED WHICH SHOWS THAT ALL OBSERVED DEFICIENCIES WERE RESOLVED AND THE STRUCTURAL SYSTEM GENERALLY CONFORMS TO THE APPROVED PLANS AND SPECFICATIONS.
8. IF THE OWNER ELECTS TO CHANGE THE STRUCTURAL OBSERVER OF RECORD, THE OWNER SHALL;
   A. NOTIFY BUILDING INSPECTOR IN WRITING BEFORE THE NEXT INSPECTION.
   B. CALL AN ADDITIONAL CONTSRUCTION MEETING, AND FURNISH THE REPACEMENT STRUCTURAL OBSERVER WITH A COPY OF PREVIOUS OBSERVER'S REPORT.
   C. THE NEW OBSERVER SHALL BE RESPONSIBLE FOR APPROVAL OF THE CORRECTION OF ALL THE ORIGINAL OBSERVED NOTED DEFICIENCIES.
9. THE ENGINEER OR ARCHITECT OF RECORD SHALL DEVELOP ALL CHANGES TO THE STRUCTURAL SYSTEMS AT THE CONTRACTOR'S EXPENSE.

STATEMENT OF SPECIAL INSPECTIONS

1. THE OWNER OR REGISTERED DESIGN PROFESSIONAL OF RECORD WILL EMPLOY THE SERVICES OF ONE OR MORE SPECIAL INSPECTORS TO PROVIDE SPECIAL INSPECTIONS DURING CONSTRUCTION FOR THE ITEMS IN THE SPECIAL INSPECTION TABLE BELOW.
2. THE SPECIAL NSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL RESPONSIBLE FOR THE DESIGN OF THE STRUCTURE, FOR INSPECTION OF PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.
3. DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR:
   A. THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS. THE INSPECTOR MAY NOT ALTER, MODIFY, ENLARGE, OR WAIVE ANY OF THE REQUIREMENTS OF THE DOCUMENTS.
   B. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, THE PROFESSIONAL OF RECORD, AND THE CONTRACTOR. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THEN, IF UNCORRECTED, SUBMIT A COMPLETE LIST OF ALL DISCREPANCIES ON A WEEKLY BASIS TO THE OWNER, THE BUILDING OFFICIAL, AND THE PROFESSIONAL OF RECORD UNTIL ALL CORRECTIONS HAVE BEEN COMPLETED.
   C. THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND THE APPLICABLE WORKMNANSHIP PROVCISIONS OF THE CODE.
4. WHERE SPECIAL INSPECTION REQUIREMENTS DUPLICATE THE REQUIREMNTS OF SPECIFIED QUALITY ASSURANCE TESTING, DUPLICATE INSPECTIONS SHALL NOT BE REQUIRED.
5. OBSERVATIONS OR SITE VISITS PERFORMED BY THE ENGINEER OR ARCHITECT DO NOT CONSTITUTE SPECIAL INSPECTIONS.
6. THE CONTRACTOR SHALL PROVIDE ADEQUATE NOTIFICATION OF SCHEDULE OF WORK REQUIRING INSPECTION OR TESTING TO THE SPECIAL INSPECTION TO ALLOW COORDINATION.
7. THE MATERIALS, SYSTEMS, COMPONENTS AND WORK REQUIRED TO HAVE SPECIAL INSPECTION OR TESTING ARE OUTLINED ON THESE DRAWINGS ALONG WITH THE TYPE AND EXTENT OF EACH INSPECTION AND TEST AND WHETHER IT IS CONTINUOUS OR PERIODIC IN NATURE. IF IT IS NOT INDICATED OTHERWISE, INSPECTION SHALL BE CONTINUOUS.
8. CONTRACTORS RESPONSIBLE FOR THE CONSTRUCTION OF A WIND OR SEISMIC-FORCE-RESISTING/COMPONENT LISTED IN THE STATEMENT OF SPECIAL INSPECTION SHALL HAVE A WRITTEN STATEMENT OF RESPONSIBILITY TO THE LADBS INSPECTORS AND OWNER PRIOR TO THE COMMENCEMENT OF WORK ON SUCH SYSTEM OR SUCH SYSTEM OF COMPONENT PER SECTION 1704.4..
9. CONTINUOUS SPECIAL INSPECTION BY REQUIRED DEPUTY INSPECTOR IS REQUIRED FOR FIELD WELDING, POST-INSTALLED ADHESSIVE ANCHORS INSTALLED HORIZONTALLY OR UPWARDLY INCLINED TO RESIST SUSTAINED TENSION LOADS, SHOTCRETE PLACEMENT, CONCRETE STRENGTH F'c > 25000 PSI, SPRAYED-ON FIREPROOFING, ENGINEERED MASONRY, HIGH-LIFT GROUTING, HIGH LOAD DIAPHRAGMS, SPECIAL MOMENT-RESISTING CONCRETE FRAMES, AND HELLICAL PILE FOUNDATIONS.

GENERAL NOTES

KEYPLAN



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Drawing Title: STRUCTURAL SPECIAL INSPECTION NOTES
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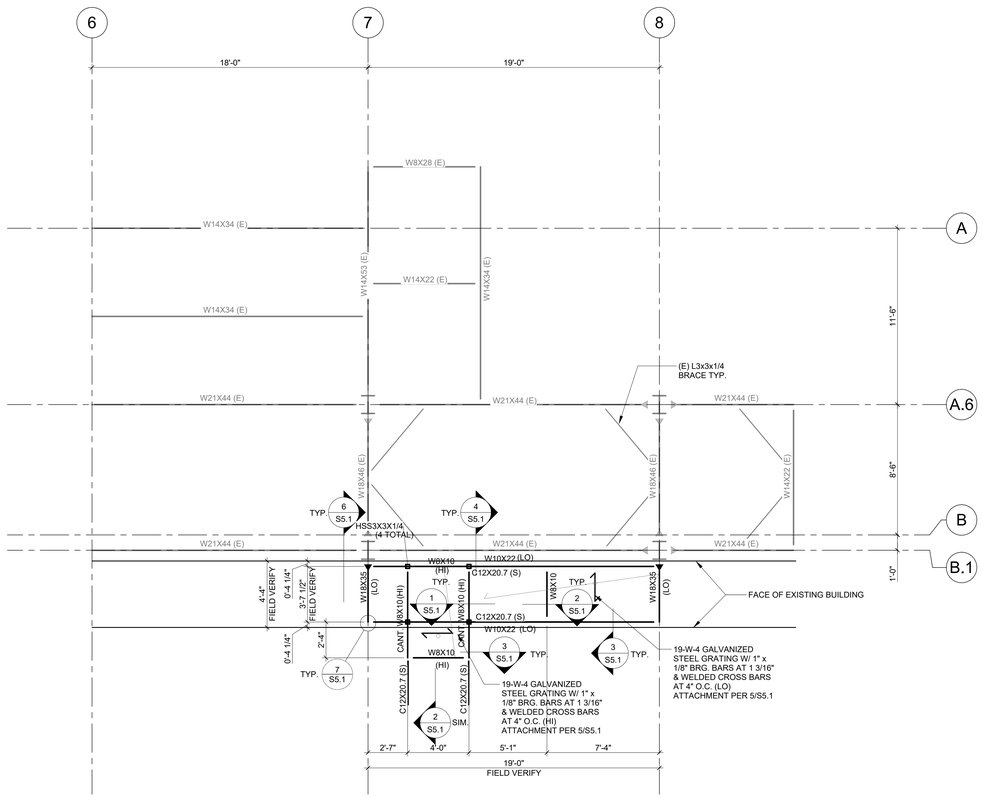
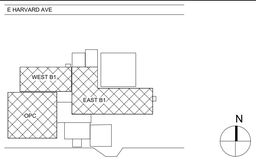


1 PARTIAL FRAMING PLAN - LEVEL 3
SCALE: 1/4" = 1'-0"

GENERAL NOTES

KEYPLAN



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Drawing Title: PARTIAL FRAMING PLAN - LEVEL 3

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Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC

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Issue Date: 1-23-2026

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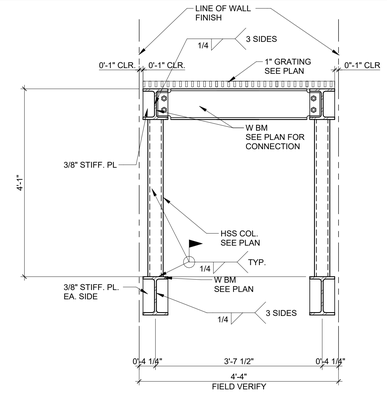
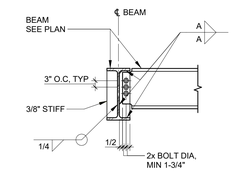
BEAM CONNECTION SCHEDULE						
BEAM SIZE	SHEAR PLATE THICKNESS	BOLTS			WELD	LRFD STRENGTH CAPACITY (KIPS)
		No.	DIA	TYPE	"A"	
W8, W10	5/16"	2	7/8"	A325N	1/4"	26.1
W12, W14	5/16"	3	7/8"	A325N	1/4"	39.1
W16, W18	1/2"	4	7/8"	A325N	5/16"	57.7
W21	1/2"	5	7/8"	A325N	5/16"	72.2
W24	1/2"	6	7/8"	A325N	3/8"	86.6
W27	5/8"	7	7/8"	A325N	3/8"	101
W30	5/8"	8	7/8"	A325N	3/8"	115
W33, W36	5/8"	9	1"	A325N	3/8"	130

NOTES:
1. THIS SCHEDULE APPLIES TO GRAVITY LOAD BEAMS.
2. FILLET WELDS INDICATED FOR SHEAR PLATE WELDING SHALL BE REPLACED WITH FULL PENETRATION GROOVE WELDS WHERE SKEWED BEAM CONNECTION WITH ANGLES SMALLER THAN 60° (BETWEEN BEAM AND GIRDER) OCCUR. TYPICAL UNO

8 TYPICAL DETAIL - BEAM CONNECTION SCHEDULE
SCALE: 3/4" = 1'-0"

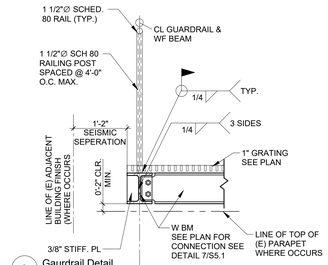


4 LANDING DETAIL
SCALE: 3/4" = 1'-0"

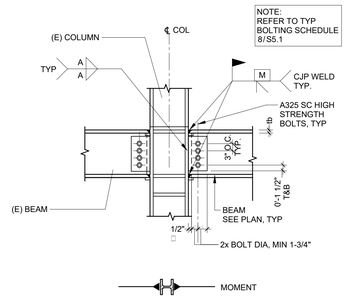


NOTE:
1. PROVIDE FULL DEPTH CONNECTION PLATE @ CONNECTIONS WHERE BEAMS OCCUR ONE ONLY AND @ ALL MOMENT FRAMES, BRACE FRAMES & DRAG BEAMS.
2. REFER TO BEAM CONN SCHEDULE AT 8/S5.1

7 TYPICAL DETAIL - ONE-SIDED BEAM TO BEAM CONNECTION
SCALE: 3/4" = 1'-0"

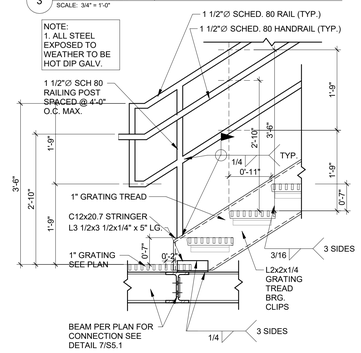


3 Gaurdrail Detail
SCALE: 3/4" = 1'-0"



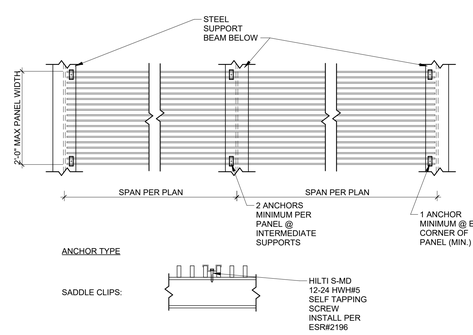
NOTE:
REFER TO TYP BOLTING SCHEDULE 8/S5.1

6 TYPICAL DETAIL - BEAM TO COLUMN MOMENT CONNECTION AT FLANGE
SCALE: 3/4" = 1'-0"

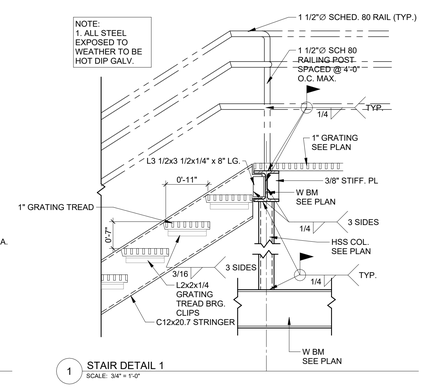


NOTE:
1. ALL STEEL EXPOSED TO WEATHER TO BE HOT DIP GALV.

2 STAIR DETAIL 2
SCALE: 3/4" = 1'-0"



5 Typical Grating Attachment
SCALE: 3/4" = 1'-0"

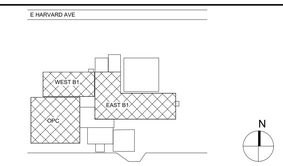


NOTE:
1. ALL STEEL EXPOSED TO WEATHER TO BE HOT DIP GALV.

1 STAIR DETAIL 1
SCALE: 3/4" = 1'-0"

GENERAL NOTES

KEYPLAN



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GENERAL ABBREVIATIONS

@	AT	IMC	INTERMEDIATE METAL CONDUIT
A	AMPERE	INV	INVERT
ABV	ABOVE	JB	JUNCTION BOX
AF	AMP FRAME	JUNC	JUNCTION
AFC	ABOVE FINISHED CEILING	KVA	KILOVOLT-AMPERE
AFF	ABOVE FINISHED FLOOR	KW	KILOWATT
AFG	ABOVE FINISHED GRADE	KWH	KILOWATT-HOUR
AIC	AMPERE INTERRUPTING CURRENT	LA	LIGHTNING SURGE ARRESTER
AL	ALUMINUM	LCP	LOCAL CONTROL PANEL
ALT	ALTERNATE	LIM	LINE ISOLATION MONITOR
AM	AMMETER	LO	LUGS ONLY
AMP	AMPERE	LS	LIMIT SWITCH
ANNUN	ANNUNCIATOR	LT	LIGHT
ANT	ANTENNA	LTG	LIGHTING
ARCH	ARCHITECT	LV	LOW VOLTAGE
AS	AMMETER SWITCH	MAX	MAXIMUM
AT	AMP TRIP	MC	MECHANICAL CONTRACTOR
ATC	AUTOMATIC TEMPERATURE CONTROL	MCB	MAIN CIRCUIT BREAKER
ATS	AUTOMATIC TRANSFER SWITCH	MCC	MOTOR CONTROL CENTER
AUX	AUXILIARY	MCP	MOTOR CIRCUIT PROTECTOR
AWG	AMERICAN WIRE GAUGE	MCS	MOLDED CASE SWITCH
BD	BUS DUCT	ME	MODIFY EXISTING
BIL	BASIC IMPULSE LEVEL	MFR	MANUFACTURER
BKBD	BACKBOARD	MIN	MINIMUM
BKR	BREAKER	MO	MECHANICALLY OPERATED
C	CONDUIT	MLO	MAIN LUGS ONLY
CAB	CABINET	MTD	MOUNTED
C/B	CIRCUIT BREAKER	MTS	MANUAL TRANSFER SWITCH
CBL	CABLE	MV	MEDIUM VOLTAGE
CC	CASEWORK CONTRACTOR	N	NEW
CDT	CONDUIT	NAC	NOTIFICATION APPLIANCE CIRCUIT
CKT	CIRCUIT	NEC	NATIONAL ELECTRIC CODE
CLG	CEILING	NC	NORMALLY CLOSED
CONN	CONNECTION	NIC	NOT IN CONTRACT
CONST	CONSTRUCTION	NO	NORMALLY OPEN
CONT	CONTINUOUS	NTS	NOT TO SCALE
CONTR	CONTRACTOR	OC	ON CENTER
CPT	CONTROL POWER TRANSFORMER	OCB	OIL CIRCUIT BREAKER
CRT	CATHODE-RAY TUBE	OCP	OVERCURRENT PROTECTION
CT	CURRENT TRANSFORMER	OD	OUTSIDE DIMENSION
CU	COPPER	P	POLE
DEMO	DEMOLITION	PB	PULL BOX
DE	DUAL ELEMENT	PC	PLUMBING CONTRACTOR
DC	DIRECT CURRENT	PF	POWER FACTOR
DIA	DIAMETER	PH	PHASE
DIC	DICTATION	PL	PILOT LIGHT
DISC	DISCONNECT	PNL	PANEL
DIST	DISTRIBUTION	PRI	PRIMARY
DWG	DRAWING	PS	PULL STATION
DP	DISTRIBUTION PANEL	PSI	POUNDS PER SQUARE INCH
E	EMERGENCY	PT	POTENTIAL TRANSFORMER
EA	EACH	PWR	POWER
ER	EXISTING RELOCATED	RCVR	RECEIVER
EDP	ELECTRICAL DATA PROCESSING	RE	REMOVE EXISTING
EGC	EQUIPMENT GROUNDING CONDUCTOR	REQ	REQUIRED
ELEC	ELECTRICAL	REX	RELOCATE EXISTING
ELEV	ELEVATOR	SEC	SECONDARY
EMT	ELECTRICAL METALLIC TUBING	SLC	SIGNALING LINE CIRCUIT
ENCL	ENCLOSURE	SLD	SINGLE LINE DIAGRAM
EO	ELECTRICALLY OPERATED	SLV	SLEEVE
EPO	EMERGENCY POWER SHUTDOWN	SPEC	SPECIFICATION
ER	EXISTING RELOCATED	SS	SUBSTATION
EQUIP	EQUIPMENT	ST	SHUNT TRIP
EWC	ELECTRIC WATER COOLER	STD	STANDARD
EX	EXISTING TO REMAIN	STR	STARTER
F	FUSED	SW	SWITCH
F/A	FIRE ALARM	SWGR	SWITCHGEAR
FBO	FURNISHED BY OWNER	SYS	SYSTEM
FD	FEEDER DUCT	TEL	TELEPHONE
FDR	FEEDER	TEMP	TEMPERATURE
FHC	FIRE HOSE CABINET	TERM	TERMINAL
FI	FILM ILLUMINATOR	TV	TELEVISION
FL	FLOOR	TYP	TYPICAL
FLUOR	FLUORESCENT	UC	UNDERCOUNTER
FS	FLOW SWITCH	U/F	UNFUSED
FUT	FUTURE	UL	UNDERWRITERS' LABORATORY
G	GROUND OR BOND CONDUCTOR	UON	UNLESS OTHERWISE NOTED
GA	GAUGE	UV	UNDER VOLTAGE
GEC	GROUNDING ELECTRODE CONDUCTOR	V	VOLT
GC	GENERAL CONTRACTOR	VFD	VARIABLE FREQUENCY DRIVE
GFCI	GROUND FAULT CIRCUIT INTERRUPTOR	VM	VOLTMETER
GFI	GROUND FAULT INTERRUPTER	VS	VOLTMETER SWITCH
GFSC	GROUND FAULT SENSING RELAY	W	WATT
GND	GROUND	WP	WEATHERPROOF
GSC	SYSTEM CIRCUIT GROUND CONDUCTOR	XDR	TRANSDUCER
HID	HIGH INTENSITY DISCHARGE	XFMR	TRANSFORMER
HOA	HAND-OFF-AUTOMATIC	XFR	TRANSFER
HP	HORSEPOWER	XMTR	TRANSMITTER
HT	HEIGHT	XP	EXPLOSION-PROOF
HV	HIGH VOLTAGE	XPDR	TRANSPONDER
HVAC	HEATING, VENTILATION, AIR CONDITIONING		
ID	INSIDE DIMENSION		
ILL	ILLUMINATION		

WIRING DEVICES AND BOXES

- SINGLE RECEPTACLE
- DUPLEX RECEPTACLE SPLIT WIRED
- DUPLEX RECEPTACLE
  - 5 / XX — INDICATES CIRCUIT AT PANELBOARD
  - (FUNCTION)
    - TR - TAMPER RESISTANT
    - EP - EXPLOSION PROOF
    - NE - NON-EXPLOSION PROOF ENCLOSED
    - IG - ISOLATED GROUND
    - C - PARTIALLY OR FULLY CONTROLLED BY LOCAL OCCUPANCY SENSOR
    - FLS - CONTROLLED RECEPTACLE TIED TO FIRE & LIFE SAFETY SYSTEM
    - USB - COMBINATION DUPLEX WITH 2 USB-C PORTS
- QUADRUPLEX RECEPTACLE
- GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLE
- GROUND FAULT CIRCUIT INTERRUPTER QUADRUPLEX RECEPTACLE
- SPECIAL PURPOSE RECEPTACLE
  - XX — INDICATES NEMA TYPE
- DUPLEX RECEPTACLE - CEILING MOUNTED
- SPECIAL PURPOSE RECEPTACLE - CEILING MOUNTED
  - XX — INDICATES NEMA TYPE
- X — FLOOR BOX IN SLAB WITH POWER DEVICE(S). REFER TO FLOOR DEVICE SCHEDULE FOR SPECIFICATION TYPE ('X') AND CONDUIT.
- COUNTERTOP MOUNTED RECEPTACLE WITH DEVICE AS SHOWN
- POKE-THROUGH FLOOR OUTLET WITH DEVICE AS SHOWN
- X — POKE-THROUGH FLOOR OUTLET WITH POWER DEVICE(S). REFER TO FLOOR DEVICE SCHEDULE FOR SPECIFICATION TYPE ('X') AND CONDUIT.
- P / J / C — POWER CONNECTION TO SYSTEM FURNITURE - FLOOR, WALL, OR POLE. 'C' INDICATES CONTROLLED. REFER TO FURNITURE WHIP CONNECTIONS WIRING DETAILS.
- R — R — DROP CORD REEL OUTLET - CEILING OR WALL MOUNTED
- B — B — OUTLET BOX WITH BLANK COVER
- J — J — RECESSED JUNCTION BOX - CEILING OR WALL MOUNTED
- J — J — SURFACE MOUNTED JUNCTION BOX - CEILING OR WALL MOUNTED
- PB — PULL BOX WITH SYSTEM AS INDICATED
- PUSH BUTTON
- B — DOORBELL
- BUZZER
- MOTOR BY DIV. 23
- T — LOW VOLTAGE TRANSFORMER
- POWER POLE
- PUSH PLATE SWITCH FOR AUTOMATIC DOOR OPENER

MOUNTING HEIGHTS

STANDARD MOUNTING HEIGHTS

9" BELOW FINISHED CEILING OR 10'-0" AFF	WALL-MOUNTED CLOCKS AND PROGRAM BELLS (LOWEST OF TWO HEIGHTS OR AS SHOWN ON ARCHITECTURAL DETAILS)
10'-0"	BATTERY LIGHTING UNITS AND REMOTE WALL MOUNTED LIGHT HEADS (OR 1'-0" BELOW FINISHED CEILING TO TOP OF UNIT)
8'-6"	PENDANT HUNG INDUSTRIAL AND STRIP LUMINAIRES
7'-6"+	TELEVISION OUTLET AND SERVICE RECEPTACLE FOR SHELF MOUNTED TV IN BEDROOMS
7'-6"	TOP OF BACK MOUNTED WALL EXIT LUMINARIES (NOT MOUNTED ABOVE DOORS) AND FA AUDIBLE (ONLY)
CENTERED ABOVE DOOR OR WINDOW OPENING	WARNING AND SIGNALING LUMINAIRES/SIGNS
6'-8" OR 6" BELOW FINISHED CEILING	ILLUMINATED FIRE SIGNALS OR COMBINATION AUDIBLE/VISUAL (LOWEST OF THE TWO HEIGHTS TO BOTTOM OF LENS)
6'-6"	TOP OF FLUSH AND SURFACE MOUNTED ELECTRICAL LIGHTING OR POWER PANELBOARDS AND TELEPHONE CABINETS
6'-0"	TOP OF HIGHEST ELECTRICAL SAFETY DISCONNECT SWITCHES, MAGNETIC STARTERS, CONTACTORS, AND FA PANELS
5'-0"	FA ANNUNCIATION (TOP OF BOX)
3'-8"	WALL-MOUNTED WIREWAY
3'-8"	FIRE ALARM PULL STATIONS
3'-6"	ELECTRICAL RECEPTACLES FOR REFRIGERATORS, FREEZERS, AND VENDING MACHINES (18" FOR UNDER COUNTER)
3'-6"	WALL-MOUNTED TELEPHONES AND PAY STATIONS (3'-6" AT ADA LOCATIONS)
3'-6"	WALL-MOUNTED ELECTRICAL DEVICES, LIGHTING SWITCHES, OCCUPANCY SENSORS, AND MANUAL MOTOR STARTERS
3'-0"	CARD READERS
18"	ELECTRICAL RECEPTACLES, TELEVISION OUTLETS, AND VOICE/DATA OUTLETS
6"	ELECTRICAL AND DATA CONNECTIONS TO SYSTEMS FURNITURE
0'-0"	FINISHED FLOOR

NOTES:

1. THE ABOVE MOUNTING HEIGHTS SHALL BE ADHERED TO UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE ON THE DRAWINGS OR SPECIFICATIONS. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL MOUNTING HEIGHT REQUIREMENTS.
2. MOUNTING HEIGHTS TO CENTER OF OUTLETS UNLESS OTHERWISE NOTED. IN MASONRY CONSTRUCTION THE ABOVE MOUNTING HEIGHTS SHALL BE USED FOR REFERENCE TO NEAREST BLOCK OR BRICK COURSING.
3. A + SYMBOL BESIDE A DEVICE INDICATES DEVICE MOUNTED ABOVE COUNTER OR CASEWORK. REFER TO ARCHITECTURAL AND CASEWORK DETAILS FOR ACTUAL ELEVATION.
4. GENERALLY, ALL DEVICES INSTALLED SHALL COMPLY WITH THE REACH REQUIREMENTS CONTAINED IN THE CBC.

WIRING AND RACEWAYS

- BRANCH CIRCUIT WIRING IN OR BELOW FLOOR CONSTRUCTION
- BRANCH CIRCUIT WIRING CONCEALED IN WALL OR ABOVE CEILING CONSTRUCTION
- BRANCH CIRCUIT WIRING RUN EXPOSED
- E — EMERGENCY SYSTEM BRANCH CIRCUIT WIRING
- #10 / 5 — BRANCH CIRCUIT WIRING TO PANEL
  - CIRCUIT WIRE SIZE. #12 AWG DEFAULT
  - CIRCUIT NUMBER AT PANELBOARD
- CONDUIT RISE
- CONDUIT DROP
- CONDUIT FLOOR TO FLOOR
- CONDUIT STUBBED OUT OR INTO HUNG CEILING SPACE
- THROUGH WALL CONDUIT SEALANT FITTING
- A1 — POWER FEEDER WITH IDENTIFYING DESIGNATION
- SURFACE MOUNTED MULTI-OUTLET RACEWAY (DUAL COMPARTMENT) PROVIDE K-BOX CONNECTIONS AND CONDUIT FOR POWER AND DATA DATA CONDIOT TO BE 1-1/4" MINIMUM
- W — SURFACE MOUNTED WIREWAY
- CT — RACEWAY SYSTEM
  - (INDICATES TYPE OF RACEWAY)
    - CT - CABLE TRAY
    - WW - WIREWAY
    - CF - CELLULAR FLOOR SYSTEM
    - UF - UNDERFLOOR DUCT
    - TD - TRENCH DUCT
    - WD - WALL DUCT
- UNDERFLOOR TRENCH DUCT JUNCTION BOX

CIRCUIT PROTECTION / DISCONNECT

- M — DISCONNECT AND/OR MOTOR PROTECTION BY DIV. 23
- CIRCUIT BREAKER
- MCS — MOLDED CASE SWITCH
- UNFUSED SAFETY DISCONNECT SWITCH
- XX — FUSED SAFETY DISCONNECT SWITCH
  - (INDICATES FUSE TYPE)
  - DE - DUAL ELEMENT (DEFAULT)
  - CL - CURRENT LIMITING TIME DELAY
- EMERGENCY POWER SHUTDOWN STATION (EPO)
- G / S — EMERGENCY GENERATOR POWER SHUTDOWN STATION

LUMINAIRES

- EXTERIOR LUMINAIRE - POLE MOUNTED
- EXTERIOR LUMINAIRE - WALL MOUNTED
- EXTERIOR DIRECTIONAL FLOOD LUMINAIRE - MOUNTED ON POLE, BUILDING OR AT GRADE
- EXTERIOR BOLLARD
- a / 5 — LUMINAIRE - NUMBER INDICATES CIRCUIT; LETTER INDICATES SWITCH LEG
- a / b — INDICATES LUMINAIRE WITH A,B SWITCHING
- PENDANT MOUNTED LINEAR LUMINAIRE
- DOWNLIGHT - SURFACE OR RECESSED
- WALLWASHER
- PENDANT LUMINAIRE
- INDUSTRIAL LUMINAIRE - STRIPS AND CHANNELS
- WALL MOUNTED OR UNDERCOUNTER LUMINAIRE
- WALL SCONCE
- TRACK SYSTEM WITH DOWNLIGHT OR FLOOD LIGHTING
- PERIMETER SYSTEMS OR COVES
- NIGHT LIGHT OR STEP LIGHT
- INTERIOR DIRECTIONAL FLOOD LUMINAIRE
- WARNING LIGHT - CEILING OR WALL MOUNTED
- EXIT LUMINAIRE - CEILING OR WALL MOUNTED
- EM — EMERGENCY BATTERY UNIT
- E — INDICATES LUMINAIRE ON EMERGENCY CIRCUIT

CONTROL DEVICES

- S_X — TOGGLE SWITCH (SINGLE POLE UNLESS OTHERWISE NOTED)
  - (FUNCTION)
    - a, b, c - INDICATES SWITCHLEG
    - 2 - DOUBLE POLE SINGLE THROW
    - 3 - THREE WAY
    - 4 - FOUR WAY
    - D - DIMMING
    - LX - LOW VOLTAGE (X INDICATES # OF SELECTOR BUTTONS)
    - LM - LOW VOLTAGE MASTER SWITCH
    - OC - OCCUPANCY SENSOR
    - PC - PHOTOCELL
    - BP - BYPASS TIMER
    - M - MANUAL MOTOR STARTER WITH THERMAL OVERLOAD PROTECTION
    - V - VARIABLE SPEED CONTROL
    - 3P - SINGLE POLE, 3 POSITION, CENTER OFF MOMENTARY CONTACT SWITCH
    - CO - SINGLE POLE, CENTER OFF MOMENTARY CONTACT SWITCH
    - P - WITH PILOT LIGHT
    - LT - LIGHTED TOGGLE (LIGHTED WHEN LOAD IS OFF)
    - E - INDICATES EMERGENCY CIRCUIT AND LIGHTED TOGGLE

  PROVIDE BACKBOX AND 3/4" CONDUIT UP TO ACCESSIBLE CEILING SPACE FOR ALL LOW VOLTAGE WALL-MOUNTED SWITCHES.
- PC — PHOTOCELL
- CEILING MOUNTED OCCUPANCY SENSOR
- D_S — DOOR SWITCH

GENERAL NOTES

1. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND REQUIREMENTS OF ELECTRICAL WORK. EXACT LOCATIONS OF EQUIPMENT MUST BE COORDINATED AND OBTAINED FROM THE ARCHITECTURAL DRAWINGS OR THE ARCHITECT. FOR EXACT LOCATIONS OF LUMINAIRES, REFER TO THE REFLECTED CEILING PLANS.
2. GENERAL MOUNTING HEIGHTS ARE INDICATED IN THE "MOUNTING HEIGHTS" SCHEDULE. ALL MOUNTING HEIGHTS SHALL BE COORDINATED WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN. OUTLETS NOT INDICATED ON THE ARCHITECTURAL ELEVATIONS SHALL BE COORDINATED WITH THE ARCHITECT.
3. DIMENSIONS MARKED ± ARE TO BE VERIFIED IN THE FIELD. THOSE MARKED N.T.S. ARE SHOWN NOT TO SCALE. ALL OTHERS SHOULD BE CHECKED WITH OTHER TRADE DRAWINGS AND VERIFIED BY THE CONTRACTOR.
4. FOR MOUNTING HEIGHT OF UNDERCOUNTER LUMINAIRES AND OTHER TASK LIGHTING, REFER TO ARCHITECTURAL DRAWINGS.
5. CONTRACTOR SHALL VERIFY ALL DOOR SWINGS BEFORE INSTALLING SWITCH BOXES.
6. ELECTRICAL CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF SUSPENDED AND/OR SURFACE MOUNTED LUMINAIRES IN MECHANICAL AND STORAGE AREAS WITH OTHER TRADES PRIOR TO ROUGH-IN AND INSTALLATION.
7. REFER TO HEATING, VENTILATING, AIR-CONDITIONING AND PLUMBING SECTIONS OF THE SPECIFICATIONS AND MECHANICAL EQUIPMENT COORDINATION SCHEDULES FOR REQUIRED CONTROL WIRING OF MECHANICAL EQUIPMENT.
8. UNLESS INDICATED OTHERWISE, ALL PANELS, CABINETS AND THE LIKE IN ELECTRIC CLOSETS OR EQUIPMENT ROOMS ARE TO BE MOUNTED ON STRUCTURAL CHANNEL FRAMING WHICH SHALL BE SECURED TO STRUCTURAL FLOOR AND CEILING SLABS.
9. A GROUNDING CONDUCTOR SHALL BE INSTALLED IN ALL BRANCH CIRCUITS AND FEEDER CIRCUITS SIZED AS INDICATED ON THE DRAWINGS OR PER THE CEC WHERE NOT IDENTIFIED.
10. ALL BRANCH CIRCUITS SHALL HAVE DEDICATED NEUTRAL CONDUCTORS TO COMPLY WITH THE REQUIREMENTS IN SECTION 210.4(B) OF THE CEC.
11. NO MORE THAN 9 CURRENT-CARRYING CONDUCTORS SHALL BE PERMITTED TO BE INSTALLED WITHIN A SINGLE RACEWAY. NEUTRALS ARE CONSIDERED CURRENT-CARRYING. CONTRACTOR SHALL DE-RATE CONDUCTORS FOR THE NUMBER OF CURRENT-CARRYING CONDUCTORS PLUS 2(I.E. DE-RATE FOR 8-CONDUCTORS FOR THREE 120V CIRCUITS).
12. THE SMALLEST SIZE CONDUCTORS PERMITTED ARE NO. 12 AWG, UNLESS OTHERWISE NOTED. A SINGLE BRANCH CIRCUIT SHALL BE 2#12, 1#12G, 3/4"C. MINIMUM. BRANCH CIRCUITS RATED 20 AMPERES, 120-208 VOLTS AND MORE THAN 100 CIRCUIT FEET FROM PANELBOARD SHALL BE #10 AWG MINIMUM (MORE THAN 150 FEET AWAY SHALL BE #8 AWG). BRANCH CIRCUITS RATED 20 AMPERES, 208 VOLTS+ AND MORE THAN 150 CIRCUIT FEET FROM PANELBOARD SHALL BE #10 AWG (MORE THAN 250 FEET AWAY SHALL BE #8 AWG).
13. THE ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT, BOXES, AND 120V CONNECTIONS TO ACCOMMODATE THE LOW VOLTAGE SYSTEMS FOR THE PROJECT. THE SYSTEMS INCLUDE SECURITY/ACCESS CONTROL, BMS, EMS, AND FIRE ALARM. REFER TO ARCHITECTURAL DRAWINGS FOR SECURITY AND ACCESS CONTROL DEVICE LOCATIONS. REFER TO MECHANICAL DRAWINGS FOR BMS AND EMS.
14. ALL BRANCH CIRCUIT HOME RUNS ARE TO BE INSTALLED IN CONDUIT.
15. UNLESS OTHERWISE NOTED, ALL ELECTRICAL EQUIPMENT PROVIDED INCLUDING, BUT NOT LIMITED TO, SWITCHBOARDS, PANELBOARDS, TRANSFORMERS, ALL BUSSING TERMINALS, AND OTHER ACCESSORIES INVOLVED IN MAKING COMPLETE ELECTRICAL CONNECTIONS SHALL BE COPPER-BASED. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
16. PROVIDE 120V POWER TO ALL POWERED DOORS PER THE DOOR HARDWARE SCHEDULE. INCLUDE BACKBOXES AND CONDUIT AS REQUIRED FOR ANY LOW VOLTAGE COMPONENTS.
17. THE ELECTRICAL CONTRACTOR SHALL PROVIDE EXPANSION FITTINGS IN ALL RACEWAYS CROSSING SEISMIC OR EXPANSION JOINTS. REFER TO STRUCTURAL DRAWINGS FOR EXACT LOCATION OF JOINTS.
18. THE ELECTRICAL CONTRACTOR SHALL PROVIDE SUPPORT FOR ALL FIXTURES AND ELECTRICAL EQUIPMENT TO COMPLY WITH THE SEISMIC REQUIREMENTS OF THE BUILDING CODE AND ALL LOCAL ORDINANCES.
19. WHERE THERE IS A CONFLICT BETWEEN THE FLOOR PLANS, DETAILS, SCHEDULES, DIAGRAMS, OR SPECIFICATIONS, THE MORE STRINGENT CRITERIA SHALL APPLY.

SHEET INDEX

Electrical	
EG.1	ELECTRICAL COVER SHEET
EP2.1	ELECTRICAL DEMOLITION AND REMODEL PLAN - LEVEL 1
EP2.2	ELECTRICAL REMODEL PLAN - CHAPEL ROOF

Revisions:	Date:

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STATE OF TEXAS — Construction — DONALD LOBBY — 11/20/2025 — 80489 — LICENSED — PROFESSIONAL ENGINEER

Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL COVER SHEET

Approved: Project Director

Phase: 100% BID DOCUMENTS

FULLY SPRINKLERED

Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC

Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223

Issue Date: 1-23-2026 | Checked: TM | Drawn: AR

Project Number: 570-21-108

Building Number:

Drawing Number: EG.1

VA FORM 08 - 6231

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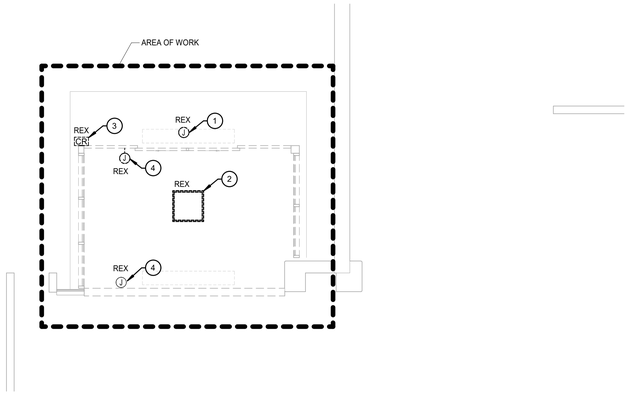
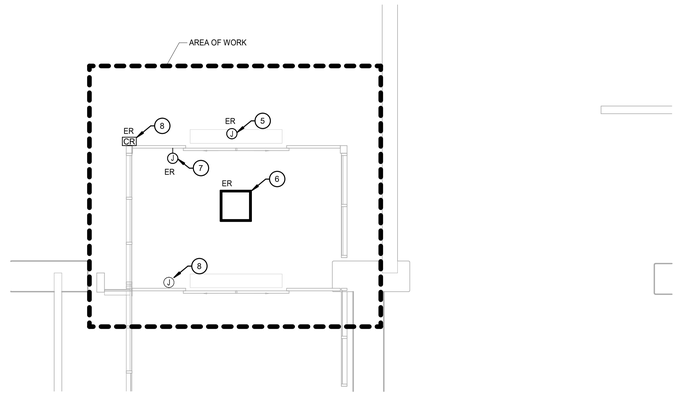
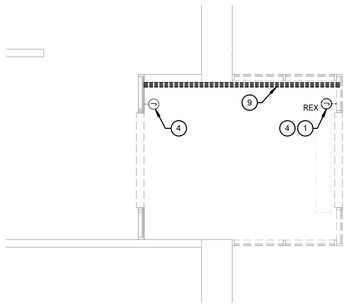


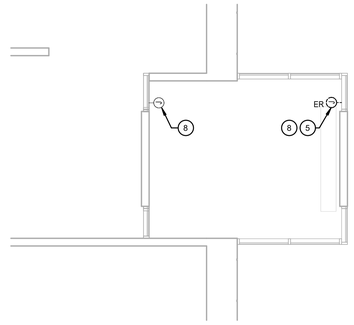
1 ELECTRICAL DEMOLITION PLAN - LEVEL 1 - NORTH VESTIBULE
SCALE: 1/4" = 1'-0"



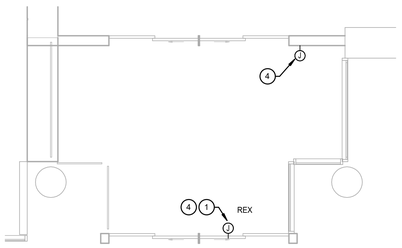
2 ELECTRICAL REMODEL PLAN - LEVEL 1 - NORTH VESTIBULE
SCALE: 1/4" = 1'-0"



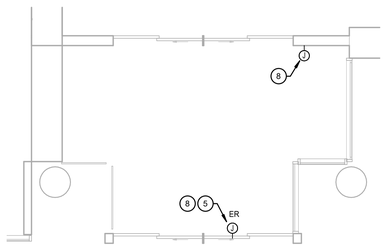
3 ELECTRICAL DEMOLITION PLAN - LEVEL 1 - EAST VESTIBULE
SCALE: 1/4" = 1'-0"



4 ELECTRICAL REMODEL PLAN - LEVEL 1 - EAST VESTIBULE
SCALE: 1/4" = 1'-0"



5 ELECTRICAL DEMOLITION PLAN - LEVEL 1 - SOUTH VESTIBULE
SCALE: 1/4" = 1'-0"



6 ELECTRICAL REMODEL PLAN - LEVEL 1 - SOUTH VESTIBULE
SCALE: 1/4" = 1'-0"

GENERAL NOTES

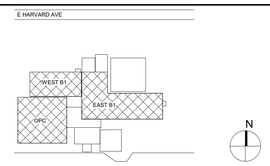
GENERAL NOTES:

1. UNLESS OTHERWISE NOTED, ALL ELECTRICAL EQUIPMENT AND WIRING SHOWN IN A DARK DASHED LINE IS DEMOLITION WORK AND ALL ELECTRICAL EQUIPMENT AND WIRING SHOWN IN A LIGHT SOLID LINE IS EXISTING TO REMAIN.
2. DEMOLITION WORK SHOWN ON THIS PLAN SHALL NOT INTERFERE WITH THE OPERATION OF OTHER BUILDING SYSTEMS. IF A DISRUPTION IN SERVICE IS REQUIRED DURING DEMOLITION, CONTRACTOR SHALL NOTIFY OWNER AND DETERMINE APPROPRIATE SHUT-DOWN TIMING TO ENSURE ANY SHUT DOWN DOES NOT AFFECT CRITICAL FACILITY OPERATIONS.
3. ALL EXISTING CONDUITS AND CONDUCTORS, SUPPORT BOXES, ETC. SHALL BE REMOVED WHERE SERVING EXISTING TO BE REMOVED EQUIPMENT.
4. ELECTRICAL EQUIPMENT THAT ARE SITUATED OUTSIDE THE AREA OF WORK LINE MAY BE INVOLVED IN THE ALTERATION WORK.
5. FOR ALTERATION WORK IN THIS AREA, COORDINATE THIS PLAN WITH NEW WORK PLAN(S).
6. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND SECTIONS FOR EXACT LOCATION OF CEILING MOUNTED LUMINAIRES.
7. ALL ELECTRICAL EQUIPMENT, DEVICES , OR WIRING SHOWN IN A DASHED DARK LINEWEIGHT IS EXISTING TO BE REMOVED.
8. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL COMPONENTS INCLUDING SENSORS, MODULES, RELAYS, POWER PACKS, ETC. TO RECONNECT ALL LIGHTING CONTROLS BACK TO FULL FUNCTIONALITY.
9. ALL EMERGENCY FIXTURES, EXCLUDING EXIT SIGNS, ARE TO BE CONTROLLED ALONG WITH THE NORMAL POWER LIGHT FIXTURES. EMERGENCY FIXTURES ARE TO MAINTAIN EXISTING FUNCTIONALITY OF UL924 RELAY IN EXISTING LIGHT FIXTURES.

KEY NOTES:

1. DISCONNECT AND REMOVE EXISTING EXTERIOR DOOR AIR CURTAIN. STORE AIR CURTAIN IN A SAFE LOCATION DURING CONSTRUCTION FOR FUTURE RE-INSTALLATION. THE EXISTING POWER CIRCUIT AND CONTROLS SHALL BE PULLED BACK AND CAPPED OFF IN THE NEAREST SAFE JUNCTION BOX DURING CONSTRUCTION.
2. DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE. STORE LIGHT FIXTURE IN A SAFE LOCATION DURING CONSTRUCTION FOR FUTURE RE-INSTALLATION. THE EXISTING POWER CIRCUIT AND CONTROLS SHALL BE PULLED BACK AND CAPPED OFF IN THE NEAREST SAFE JUNCTION BOX DURING CONSTRUCTION.
3. DISCONNECT AND REMOVE EXISTING CARD READER. STORE CARD READER IN A SAFE LOCATION DURING CONSTRUCTION FOR FUTURE RE-INSTALLATION. THE EXISTING POWER CIRCUIT AND CONTROLS SHALL BE PULLED BACK AND CAPPED OFF IN THE NEAREST SAFE JUNCTION BOX DURING CONSTRUCTION. THE EXISTING LOW VOLTAGE CABLING SHALL BE COILED BACK TO A SAFE LOCATION DURING CONSTRUCTION FOR FUTURE RE-INSTALLATION.
4. DISCONNECT AND REMOVE EXISTING SLIDING DOOR. STORE SLIDING DOOR IN A SAFE LOCATION DURING CONSTRUCTION FOR FUTURE RE-INSTALLATION. THE EXISTING POWER CIRCUIT AND CONTROLS SHALL BE PULLED BACK AND CAPPED OFF IN THE NEAREST SAFE JUNCTION BOX DURING CONSTRUCTION.
5. RECONNECT EXISTING CAPPED POWER CIRCUIT AND CONTROLS TO THE RE-INSTALLED EXTERIOR DOOR AIR CURTAIN. EXTEND CONDUIT AND CAPPED WIRES AS REQUIRED. THERE ARE NO LOAD CHANGES TO THE CIRCUIT, NOR THE PANEL.
6. RECONNECT EXISTING CAPPED POWER CIRCUIT AND CONTROLS TO THE RE-INSTALLED LIGHT FIXTURE. EXTEND CONDUIT AND CAPPED WIRES AS REQUIRED. THERE ARE NO LOAD CHANGES TO THE CIRCUIT, NOR THE PANEL.
7. RECONNECT EXISTING CAPPED POWER CIRCUIT AND CONTROLS TO THE RE-INSTALLED CARD READER. EXTEND CONDUIT AND CAPPED WIRES AS REQUIRED. THE COILED LOW VOLTAGE CABLES SHALL BE UNCOILED BACK TO THE CARD READER LOCATION FOR RE-INSTALLATION.THERE ARE NO LOAD CHANGES TO THE CIRCUIT, NOR THE PANEL.
8. RECONNECT EXISTING CAPPED POWER CIRCUIT AND CONTROLS TO THE RE-INSTALLED SLIDING DOOR. EXTEND CONDUIT AND CAPPED WIRES AS REQUIRED. THERE ARE NO LOAD CHANGES TO THE CIRCUIT, NOR THE PANEL.
9. REMOVE EXISTING CONDUIT. CONTRACTOR TO VERIFY CONDUIT IS NOT ACTIVE PRIOR TO DEMOLITION.

KEYPLAN



Revisions:	Date:
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Drawing Title: ELECTRICAL DEMOLITION AND REMODEL PLAN - LEVEL 1	Phase: 100% BID DOCUMENTS	Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	Project Number: 570-21-108
			Building Number:
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Drawing Number: EP2.1
		Issue Date: 1-23-2026 / Checked: TM / Drawn: AR	

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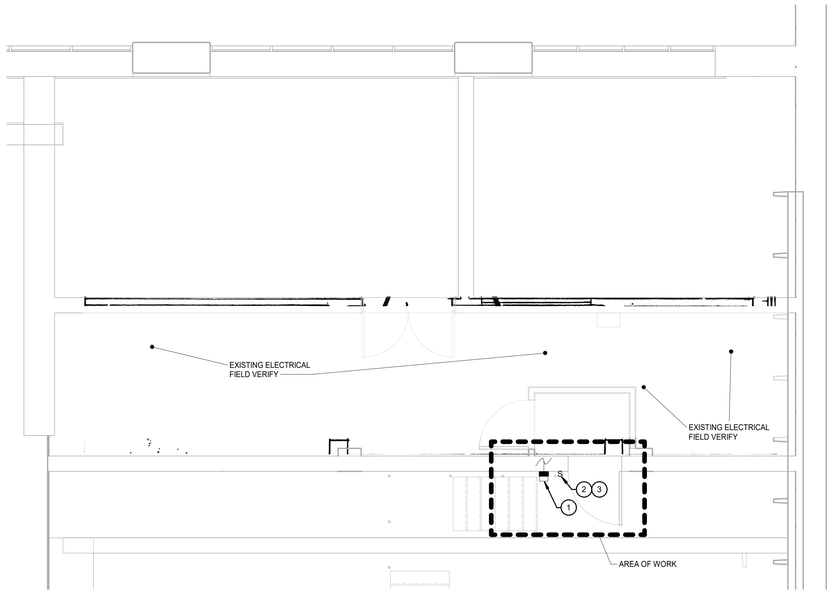


1 ELECTRICAL REMODEL PLAN - CHAPEL ROOF
SCALE: 1/4" = 1'-0"

EXTERIOR LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	LAMP/SOURCE NO.	LAMP/SOURCE TYPE	LAMP/SOURCE WATTS	VOLTAGE	MOUNTING	NOTES
W1	WALL MOUNTED AREA LIGHTING FIXTURE (1550L)	LITHONIA	WPX1-LED-P1-40K-MVOLT-DBLXD	–	11W 1550L 4000K	11W	UNV	SURFACE	

PANEL "3NHA"
VOLTAGE 277/480V, 3 Ø 4 W.
MAIN BREAKER ☐ SIZE
LUGS ONLY ■ SIZE 225A
FEEDER SIZE SEE "1-5A"

LOCATION 3RD FLOOR ELECT RM.
TOP FEED ☐
BOTTOM FEED ■
MOUNTING SURFACE
TRIM FINISH

REMARKS	WATTS A	WATTS B	WATTS C	L	R	M			L	R	M	WATTS A	WATTS B	WATTS C	REMARKS
SICU & RECOVERY	2650			16			1	20A/1P 20A/1P 2	12			2400			CORRIDORS
		2775		26			3		18				3600		
DENTAL SURG & REC.			2300	4			5		8					2400	DENTAL & OFFICE
PROSTHETIC LAB.	1700			17			7		8			1800			
DENTAL OPERATORY		3600		12			9		6				800		
SPARE			480			1	11	20A 20A 12		1				267	SPARE
	480						13	— — 14				267			
		480					15	3P 3P 16					267		
SPARE			480			1	17	20A 20A/1P 18	9	1				1100	PENTHOUSE
	480						19	— 20	16			1600			DENTAL OFFICE
		480					21	3P 22	12				1150		AUDIOLOGY-SPEECH
SPARE							23	20A/1P 24							SPARE
							25	26							
							27	28							
							29	30							
SPACE							31	32							SPACE
							33	34							
							35	36							
							37	38							
							39	40							
							41	42							
TOTALS	5310	7335	3,200									6067	5817	3767	

PHASE TOTALS: A 11377 B 18152 C 7027, PANEL TOTAL: 31,556 WATTS, CURRENT: 37.9 AMPS, 225 AMP BUS

PANEL TOTAL 31,556 + L.C.L. 6969 = 38,525 WATTS; CURRENT: 46.2 AMPS; FEEDER

GENERAL NOTES

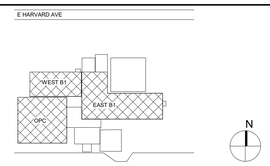
GENERAL NOTES:

1. UNLESS OTHERWISE NOTED, ALL ELECTRICAL EQUIPMENT AND WIRING SHOWN IN A DARK DASHED LINE IS DEMOLITION WORK AND ALL ELECTRICAL EQUIPMENT AND WIRING SHOWN IN A LIGHT SOLID LINE IS EXISTING TO REMAIN.
2. DEMOLITION WORK SHOWN ON THIS PLAN SHALL NOT INTERFERE WITH THE OPERATION OF OTHER BUILDING SYSTEMS. IF A DISRUPTION IN SERVICE IS REQUIRED DURING DEMOLITION, CONTRACTOR SHALL NOTIFY OWNER AND DETERMINE APPROPRIATE SHUT-DOWN TIMING TO ENSURE ANY SHUT DOWN DOES NOT AFFECT CRITICAL FACILITY OPERATIONS.
3. ALL EXISTING CONDUITS AND CONDUCTORS, SUPPORT BOXES, ETC. SHALL BE REMOVED WHERE SERVING EXISTING TO BE REMOVED EQUIPMENT.
4. ELECTRICAL EQUIPMENT THAT ARE SITUATED OUTSIDE THE AREA OF WORK LINE MAY BE INVOLVED IN THE ALTERATION WORK.
5. FOR ALTERATION WORK IN THIS AREA, COORDINATE THIS PLAN WITH NEW WORK PLAN(S).
6. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND SECTIONS FOR EXACT LOCATION OF CEILING MOUNTED LUMINAIRES.
7. ALL ELECTRICAL EQUIPMENT, DEVICES , OR WIRING SHOWN IN A DASHED DARK LINEWEIGHT IS EXISTING TO BE REMOVED.
8. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL COMPONENTS INCLUDING SENSORS, MODULES, RELAYS, POWER PACKS, ETC. TO RECONNECT ALL LIGHTING CONTROLS BACK TO FULL FUNCTIONALITY.
9. ALL EMERGENCY FIXTURES, EXCLUDING EXIT SIGNS, ARE TO BE CONTROLLED ALONG WITH THE NORMAL POWER LIGHT FIXTURES. EMERGENCY FIXTURES ARE TO MAINTAIN EXISTING FUNCTIONALITY OF UL924 RELAY IN EXISTING LIGHT FIXTURES.

REMODEL KEY NOTES:

1. TIE EXTERIOR WALL PACK INTO CLOSEST FIXTURE ON CIRCUIT 3NHA-4. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION.
2. PROVIDE BYPASS TIMER SWITCH. SWITCH SHALL TURN ON LIGHT FIXTURE FOR A DURATION OF 2 HOURS. LIGHT FIXTURE TO BLINK AT 2 MINUTES PRIOR TO TIME EXPIRATION.
3. PROVIDE BUBBLE COVER FOR BYPASS TIMER SWITCH.

KEYPLAN



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VA U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL REMODEL PLAN - CHAPEL ROOF
Approved: Project Director
Phase: 100% BID DOCUMENTS
FULLY SPRINKLERED
Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC
Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223
Issue Date: 1-23-2026
Checked: TM
Drawn: AR
Project Number: 570-21-108
Building Number
Drawing Number: EP2.2

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GENERAL ABBREVIATIONS

AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AFS	AIR FLOW MEASURING STATION
AHU	AIR HANDLING UNIT
AL	ACOUSTIC LINING
AP	ACCESS PANEL
ATC	AUTOMATIC TEMPERATURE CONTROL
AVB	AIR VOLUME CONTROL BOX
BD	BAROMETRIC DAMPER
BDD	BACKDRAFT DAMPER
BFP	BACKFLOW PREVENTER
BHP	BRAKE HORSEPOWER
BSC	BIO SAFETY CABINET
BTU	BRITISH THERMAL UNITS
BTUH	BTU'S PER HOUR
CC	COOLING COIL
CD	CEILING DIFFUSER
CDR	CEILING DIFFUSER, ROUND
CFM	CUBIC FEET PER MINUTE
CL	CENTERLINE
CVE	CONSTANT VOLUME EXHAUST
CVR	CONSTANT VOLUME RETURN
CVS	CONSTANT VOLUME SUPPLY
DB	DRY BULB
DIA	DIAMETER
DFD	DYNAMIC FIRE DAMPER WITH ACCESS DOOR
DN	DOWN
DPT	DIFFERENTIAL PRESSURE TRANSMITTER
DV	DRAIN VALVE
EA	EXHAUST AIR
EAC	EXHAUST AIR CONTROLLER
EAT	ENTERING AIR TEMPERATURE
EF	EXHAUST FAN
EG	EXHAUST GRILLE
EJ	EXPANSION JOINT
EJB	EXPANSION JOINT, BELLOWS TYPE
EJO	EXPANSION JOINT, OFFSET TYPE
EL	ELEVATION
ER	EXHAUST REGISTER
ERV	EXHAUST ROOF VENTILATOR
ESP	EXTERNAL STATIC PRESSURE
ET	ELEPHANT TRUNK
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
°F	DEGREE FAHRENHEIT
FC	FLEXIBLE CONNECTION
FCU	FAN COIL UNIT
F.D.	FLOOR DRAIN
FD	FIRE DAMPER WITH ACCESS DOOR
FH	FUME HOOD
FHE	FUME HOOD EXHAUST
FOB	FLAT ON BOTTOM
FOT	FLAT ON TOP
F&T	FLOAT & THERMOSTATIC TRAP
FPM	FEET PER MINUTE
FTR	FINNED TUBE RADIATION
FZP	FREEZE PROTECTION PUMP
GAL	GALLONS
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GR	GRILLE
GRV	GRAVITY ROOF VENT
HC	HEATING COIL
HP	HORSEPOWER
HX	HEAT EXCHANGER
INF	INFILTRATION
LAT	LEAVING AIR TEMPERATURE
LB	POUND
LF	LINEAR FEET
LFD	LAMINAR AIRFLOW DIFFUSER
LLD	LINEAR LOUVER DIFFUSER
LLG	LINEAR LOUVER GRILLE
LSD	LINEAR SLOT DIFFUSER
LSG	LINEAR SLOT GRILLE
LVD	LINEAR VARIABLE VOLUME DIFFUSER
LVG	LINEAR VARIABLE VOLUME GRILLE
LWT	LEAVING WATER TEMPERATURE
MBH	THOUSAND BTU'S PER HOUR
MOD	MOTOR OPERATED DAMPER
(N)	NEW
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OAI	OUTSIDE AIR INTAKE
PD	PANEL DIFFUSER
PFD	PERFORATED FACE DIFFUSER
PFG	PERFORATED FACE GRILLE
PHC	PREHEAT COIL
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
RA	RETURN AIR
RG	RETURN GRILLE
RFG	RECTANGULAR FILTER GRILLE
RH	RELATIVE HUMIDITY
RHC	REHEAT COIL
RPM	REVOLUTIONS PER MINUTE
RR	RETURN REGISTER
SA	SUPPLY AIR
SAC	SUPPLY AIR CONTROLLER
SAT	SOUND ATTENUATOR
SD	SMOKE DAMPER WITH ACCESS DOOR
SD/FD	COMBINATION SMOKE/FIRE DAMPER WITH ACCESS DOOR
SG	SUPPLY GRILLE
SP	STATIC PRESSURE
SR	STATIC REGISTER
SS	STAINLESS STEEL
SV	STEAM VENT
TG	TRANSFER GRILLE
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
UH	UNIT HEATER
UTR	UP THRU ROOF
V	VENT
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VI	VIBRATION ISOLATOR
VVE	VARIABLE VOLUME EXHAUST
VVF	VARIABLE VOLUME FAN POWERED
VVR	VARIABLE VOLUME RETURN
VVS	VARIABLE VOLUME SUPPLY

PIPING SYMBOLS

	AIR OR STEAM VENT
Ø	DIAMETER
	DIRECTION OF FLOW
	EXPANSION JOINT, BELLOWS
	EXPANSION JOINT, OFFSET
	EXPANSION LOOP
	FLEXIBLE CONNECTION
M	FLOW METER
DPT	DIFFERENTIAL PRESSURE TRANSMITTER
	PIPE ANCHOR
	PIPE GUIDE
	PITCH OF PIPE, DOWN
	PRESSURE GAUGE AND VALVE
P/T	PRESSURE / TEMPERATURE PLUG
	REDUCER, CONCENTRIC
	REDUCER, ECCENTRIC STRAIGHT CROWN
	REDUCER, ECCENTRIC STRAIGHT INVERT
	RISER OR ELBOW DOWN
	RISER UP AND DOWN ELBOW UP
	STEAM TRAP
	STRAINER
	STRAINER W/GATE VALVE W/NIPPLE & CAP
	THERMOMETER
	THERMOMETER WELL
T	THERMOSTAT
	UNION OR FLANGED CONNECTION
	VALVE, AUTOMATIC FLOW CONTROL
	VALVE, BALANCING
	VALVE, CHECK
NS	VALVE, CHECK NON-SLAM
	VALVE, DRAIN W/NIPPLE & CAP
	VALVE, NEEDLE
	VALVE, PRESSURE REGULATING
	VALVE, RELIEF (SAFETY)
	VALVE, SHUT-OFF
	VALVE, SHUT-OFF LOCK SHIELD
	VALVE, SOLENOID
	VALVE, THROTTLING
	VALVE, THREE-WAY CONTROL
	VALVE, TRIPLE DUTY
	VALVE, TWO-WAY CONTROL

ALTERATION/DEMOLITION SYMBOLS

	POINT OF CONNECTION, NEW TO EXISTING
	TERMINATION OF DEMOLITION, REMOVAL
(E)	EXISTING TO REMAIN
(E)	EXISTING TO REMAIN
(R)	EXISTING TO BE REMOVED
(R)	EXISTING TO BE REMOVED
(RE)	RELOCATE EXISTING
(ER)	EXISTING RELOCATED

PIPING NOMENCLATURE

BB	BOILER BLOW DOWN
CH D	CHEMICAL FEED
CHW F R	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CWR	CONDENSER WATER RETURN (TO TOWER)
CWS	CONDENSER WATER SUPPLY (FROM TOWER)
CZR	CONTROLLED ZONE RETURN
CZS	CONTROLLED ZONE SUPPLY
D	DRAIN LINEBOILER BLOW DOWN
DTR	DUAL TEMPERATURE RETURN
DTS	DUAL TEMPERATURE SUPPLY
FOF	FUEL OIL FILL
FOG	FUEL OIL GAUGE
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY
FOV	FUEL OIL VENT
FW	BOILER FEED WATER
G	GAS
GR	GLYCOL RETURN
GS	GLYCOL SUPPLY
HPC	HIGH PRESSURE CONDENSATE
HPS	HIGH PRESSURE STEAM
HRR	HEAT RECOVERY RETURN
HRS	HEAT RECOVERY SUPPLY
HTWR	HIGH TEMPERATURE WATER RETURN
HTWS	HIGH TEMPERATURE WATER SUPPLY
HWR	HEATING WATER RETURN
HWS	HEATING WATER SUPPLY
LCHWR	LOW TEMPERATURE CHILLED WATER RETURN
LCHWS	LOW TEMPERATURE CHILLED WATER SUPPLY
LPC	LOW PRESSURE CONDENSATE
LPS	LOW PRESSURE STEAM
MPC	MEDIUM PRESSURE CONDENSATE
MPS	MEDIUM PRESSURE STEAM
MU	MAKE-UP WATER (FROM DOMESTIC COLD WATER)
PCHWR	PRIMARY CHILLED WATER RETURN
PCHWS	PRIMARY CHILLED WATER SUPPLY
PC	PUMPED CONDENSATE
RG	REFRIGERANT HOT GAS
RHR	REHEAT WATER RETURN
RHS	REHEAT WATER SUPPLY
RL	REFRIGERANT LIQUID
RS	REFRIGERANT SUCTION
SCHWR	SECONDARY CHILLED WATER RETURN
SCHWS	SECONDARY CHILLED WATER SUPPLY
V	VENT, ATMOSPHERIC

BRANCH CONNECTIONS IN DOUBLE-LINE DUCTWORK

	RECTANGULAR PROPORTIONAL SPLIT
	BRANCH OFF BOTTOM 45° BOOT CONNECTION
	BRANCH OFF TOP 45° BOOT CONNECTION
	BRANCH OFF SIDE 45° BOOT CONNECTION
	BRANCH OFF SIDE CONICAL BELL MOUTH

AIR DISTRIBUTION, GENERAL SYMBOLS & NOMENCLATURE

	TRANSFER DUCT, SEE DETAIL
	TRANSFER DUCT, SEE DETAIL W/RETURN/TRANSFER GRILLE
	TRANSFER DUCT, SEE DETAIL W/RETURN/TRANSFER GRILLE
	AIR CUSHION, 12" LONG MIN.
	AIR CUSHION, 12" LONG MIN.
	VOLUME DAMPER
	DAMPER (TYPE AS INDICATED; BD, BDD, MOD, FD, SD/FD, VD, ETC.)
Ø	DIAMETER
L	DOOR LOUVER (FREE AREA IN SQ. FEET)
U	DOOR UNDERCUT
D	DUCT DROP (SLOPING)
	DUCT DROP (90°)
R	DUCT RISE (SLOPING)
	DUCT RISE (90°) (RISE AND DROP IN DIRECTION OF AIR FLOW)
	TRANSFER AIR
D D	DUCT MOUNTED SMOKE DETECTOR
	FLEXIBLE CONNECTION
	FLEXIBLE DUCTWORK
	FLEXIBLE DUCTWORK
	HUMIDIFIER (DUCT MOUNTED)
	HUMIDIFIER (DUCT MOUNTED)
H	HUMIDISTAT
T	THERMOSTAT
	DUCT TRANSITION (RECTANGULAR TO RECTANGULAR)
	DUCT TRANSITION (RECTANGULAR TO ROUND)
AFS	AIRFLOW MEASURING STATION
AFS	AIRFLOW MEASURING STATION

EQUIPMENT IDENTIFICATION

AHU 1

- SYMBOL OR TYPE (SEE SCHEDULE OR SPECIFICATIONS)
- IDENTIFICATION NUMBER (SEE SCHEDULE)

A	FINNED TUBE RADIATION TYPE (SEE SCHEDULE OR SPECIFICATIONS)
3.4	HEATING MBH
2'-0"	APPROXIMATE LENGTH OF ELEMENT

BRANCH CONNECTIONS IN SINGLE-LINE DUCTWORK

B	RECTANGULAR PROPORTIONAL SPLIT OFF BOTTOM
	RECTANGULAR PROPORTIONAL SPLIT OFF SIDE
T	RECTANGULAR PROPORTIONAL SPLIT OFF TOP
	BRANCH OFF SIDE
	BRANCH OFF TOP
	BRANCH OFF BOTTOM
	RECTANGULAR PROPORTIONAL SPLIT

AIR DISTRIBUTION, GENERAL SYMBOLS & NOMENCLATURE

22 x 10	RECTANGULAR DUCT (FIRST NUMBER INDICATES PLAN DIMENSION, SECOND NUMBER INDICATES DEPTH)
22 x 10	FLAT OVAL DUCT
12" Ø	ROUND DUCT (12" Ø DIAMETER)
	RADIUS ELBOW (NO TURNING VANES)
	HARD ELBOW (WITH TURNING VANES)
	DUCT TRANSITION (RECTANGULAR TO RECTANGULAR)
	DUCT TRANSITION (RECTANGULAR TO ROUND)
	RECTANGULAR SUPPLY DUCT UP
	RECTANGULAR SUPPLY DUCT DOWN
22x10 B / 14x10 T	DUCT INDICATION FOR STACKING T= TOP; B= BOTTOM
22x10 T / 14x10 B	DUCT INDICATION FOR STACKING T= TOP; B= BOTTOM
	VOLUME DAMPER
	DAMPER (TYPE AS INDICATED; BD, BDD, MOD, FD, SD/FD, ETC.)
	SPLITTER DAMPER
T/H	TEMP / HUMID SENSOR (DUCT MOUNTED)
AV	AUDIO VISUAL ALARM

AIR DEVICE DESIGNATION

( ) 8X8 CD-1 (3-3/4)

250 - 2W

- QUANTITY (IF MORE THAN ONE)
- CONNECTION SIZE, SINGLE DIMENSION INDICATES ROUND CONNECTION. FOR RECTANGULAR NECK, FIRST DIMENSION IS THE PLAN HORIZONTAL DIMENSION.
- TYPE IDENTIFICATION (SEE SCHEDULE)
- NO. & SIZE OF SLOTS (TYPE LPD ONLY)
- BLOW DIRECTION WHERE APPLICABLE (TYPE CD 4-WAY UNLESS NOTED OTHERWISE); (TYPE LPD 2-WAY UNLESS NOTED OTHERWISE)
- AIR QUANTITY - CFM

8X14	FLEXIBLE BRANCH DUCT CONNECTION TO DIFFUSER. CONICAL BELL MOUTH OR SQUARE/ROUND BOOT FITTING WITH VOLUME DAMPER.
LFD-1 300	ROUND INLET CONNECTION TO LAMINAR FLOW DIFFUSER (CFM INDICATED)
14X10	BRANCH DUCT CONNECTION TO DIFFUSER WITH VOLUME DAMPER.
	SQUARE INLET CONNECTION TO DIFFUSER
	SUPPLY DIFFUSER
	DIFFUSER (WITH BLANK-OFF) 3-WAY
	REGISTER OR GRILLE (EXHAUST, RETURN, TRANSFER)

DRAWING INDEX

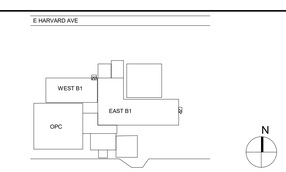
H0.1	HVAC GENERAL NOTES & SHEET INDEX
H2.1	VESTIBULE PARTIAL FLOOR PLANS

GENERAL NOTES

General Notes

1. DUE TO THE SMALL SCALE OF THE DRAWINGS, ALL WORK REQUIRED IS NOT SHOWN ON THE FLOOR PLANS AND CERTAIN WORK IS SHOWN ON FLOW DIAGRAMS, RISER DIAGRAMS AND DETAILS. INCLUDE ALL REQUIRED WORK SHOWN ON PLANS, RISER DIAGRAMS, FLOW DIAGRAMS AND DETAILS.
2. LOCATE ALL PIPING IN OR AT CEILING UNLESS OTHERWISE INDICATED. BRANCH RUNOUTS TO TERMINAL UNITS AND REHEAT COILS SHALL BE MINIMUM 3/4 INCH UNLESS NOTED OTHERWISE.
3. PIPING, DUCTWORK AND EQUIPMENT FOREIGN TO ELECTRICAL EQUIPMENT ROOM, OR SIMILAR ROOM HOUSING ELECTRICAL EQUIPMENT (TELEPHONE/DATA, ELEVATOR MACHINE ROOM), IS NOT PERMITTED TO BE INSTALLED IN THESE SPACES.
4. PROVIDE PIPING ISOLATION VALVES IN ACCESSIBLE LOCATIONS, AS CLOSE TO MAIN RISERS AND BRANCH TAKE-OFFS AS POSSIBLE.
5. PIPING AND DUCTWORK DRAWINGS ARE DIAGRAMMATIC AND MAY NOT INDICATE ALL OFFSETS, TRANSITIONS AND FITTINGS. PROVIDE ADDITIONAL OFFSETS, TRANSITIONS AND FITTINGS AS REQUIRED TO COORDINATE WITH OTHER TRADES.
6. FOR ALL DUCT AND PIPE PENETRATIONS THROUGH INTERIOR NON-RATED FULL HEIGHT PARTITIONS (PARTITIONS EXTENDING TO STRUCTURE), EXTEND INSULATION THROUGH PENETRATION. MAINTAIN COMPLETE VAPOR SEAL.

KEYPLAN



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Office of Construction & Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: HVAC GENERAL NOTES & SHEET INDEX	Phase: 100% BID DOCUMENTS	Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC	Project Number: 570-21-108
			Building Number:
Approved: Project Director	FULLY SPRINKLERED	Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223	Drawing Number: H0.1
		Issue Date: 1-23-2026 / Checked: DL / Drawn: AR	

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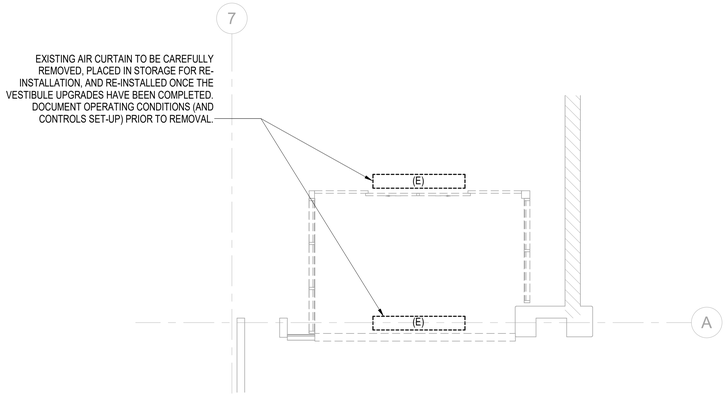
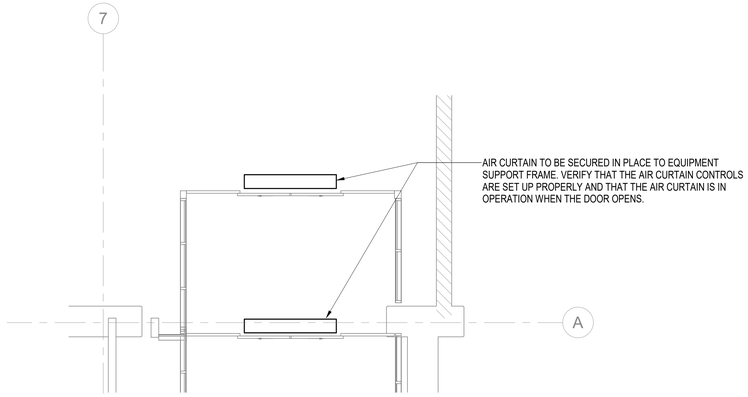
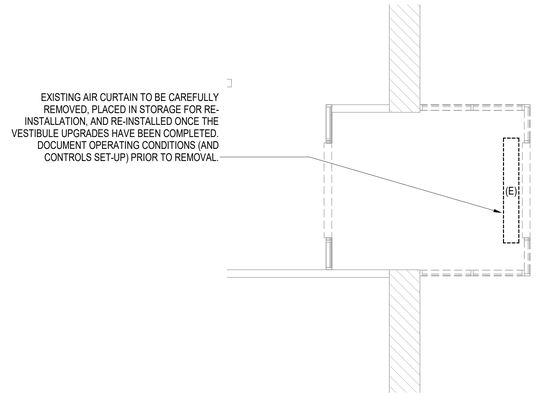


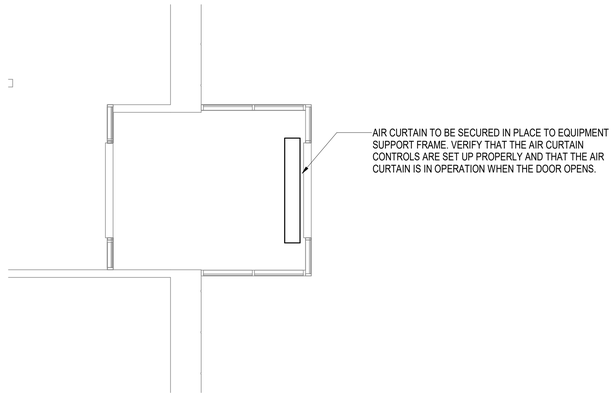
1 DEMOLITION - NORTH VESTIBULE FLOOR PLAN
SCALE: 1/4" = 1'-0"



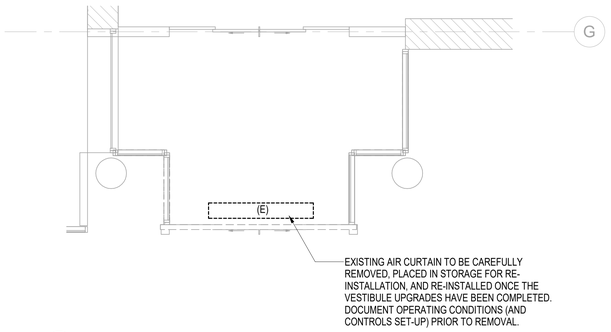
2 NEW - NORTH VESTIBULE FLOOR PLAN
SCALE: 1/4" = 1'-0"



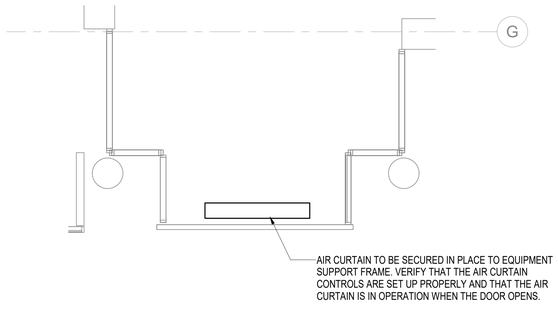
3 DEMOLITION - EAST VESTIBULE FLOOR PLAN
SCALE: 1/4" = 1'-0"



4 NEW - EAST VESTIBULE FLOOR PLAN
SCALE: 1/4" = 1'-0"



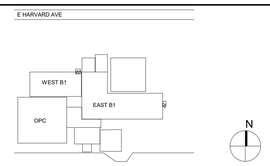
5 DEMOLITION - SOUTH VESTIBULE FLOOR PLAN
SCALE: 1/4" = 1'-0"



6 NEW - SOUTH VESTIBULE FLOOR PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES

KEYPLAN



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VA U.S. Department of Veterans Affairs

Drawing Title: VESTIBULE PARTIAL FLOOR PLANS

Approved: Project Director

Phase: 100% BID DOCUMENTS

FULLY SPRINKLERED

Project Title: VA CENTRAL CALIFORNIA HEALTH CARE SYSTEM REPAIR EXTERIOR FINISHES BLDG 1 & OPC

Project Number: 570-21-108

Building Number:

Location: 2615 EAST CLINTON AVENUE FRESNO, CA 93703-2223

Issue Date: 1-23-2026

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