SAMUEL S. STRATTON
DEPARTMENT OF VETERANS AFFAIRS
MEDICAL CENTER

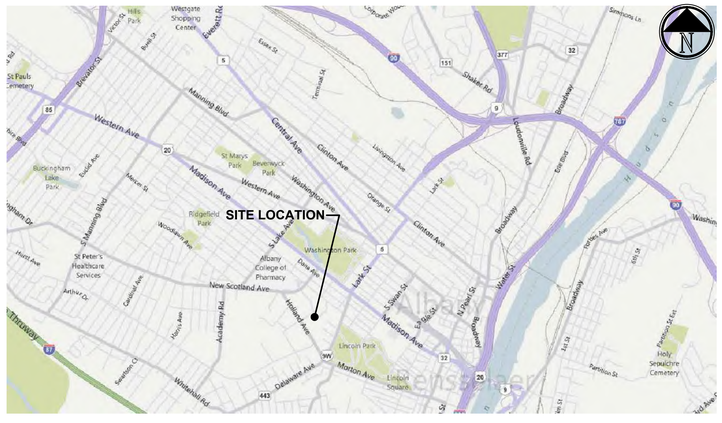
ALBANY, N.Y. 12208

PROJECT TITLE:

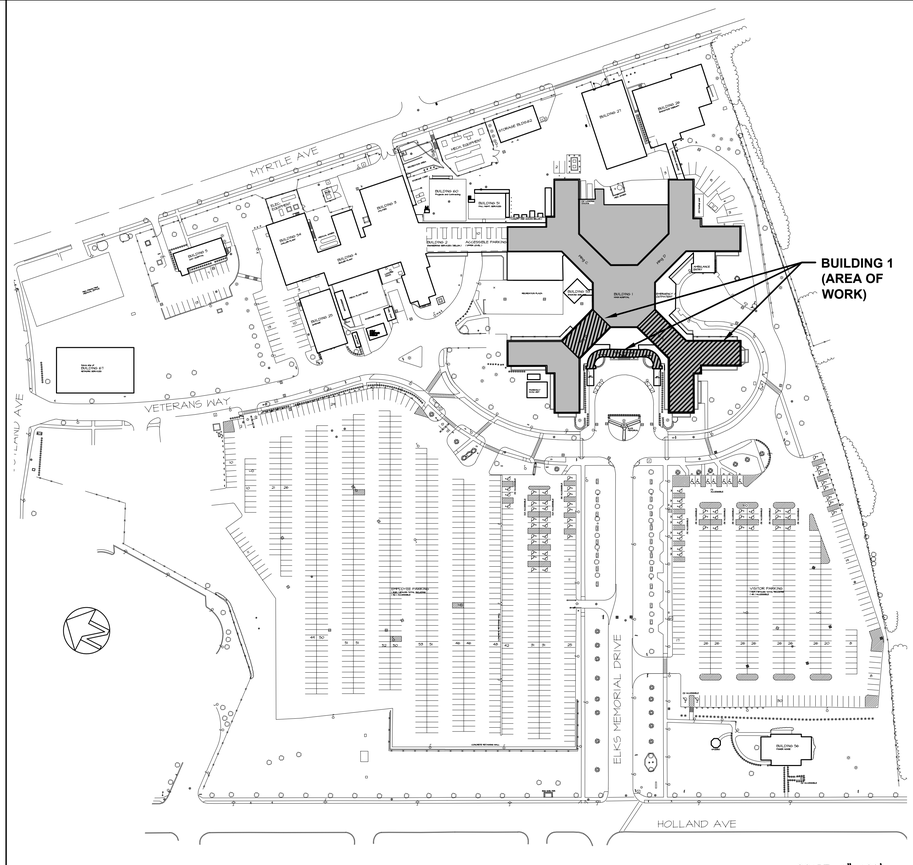
FACADE
A WING REPAIRS, B–WING CHAPEL AREA & CORE ENTRANCE ROOF REPAIRS

PROJECT NO. 528A8–21–812

LOCATION MAP



SITE PLAN

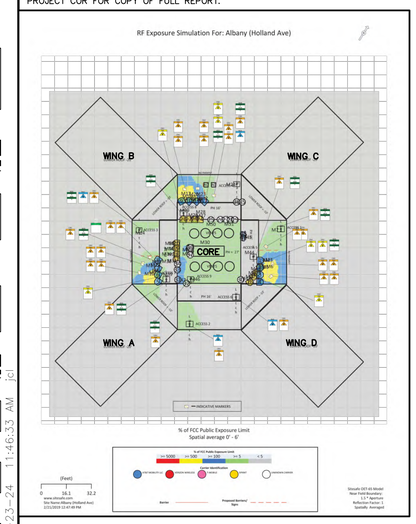


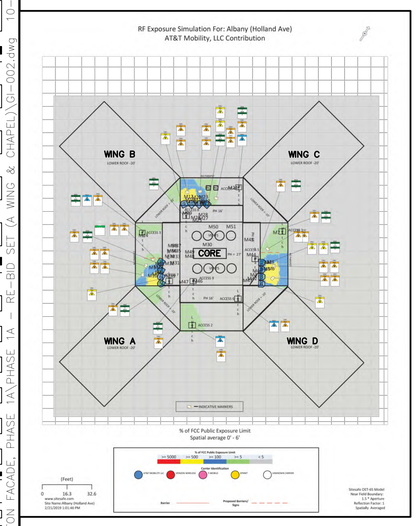
LEGEND:

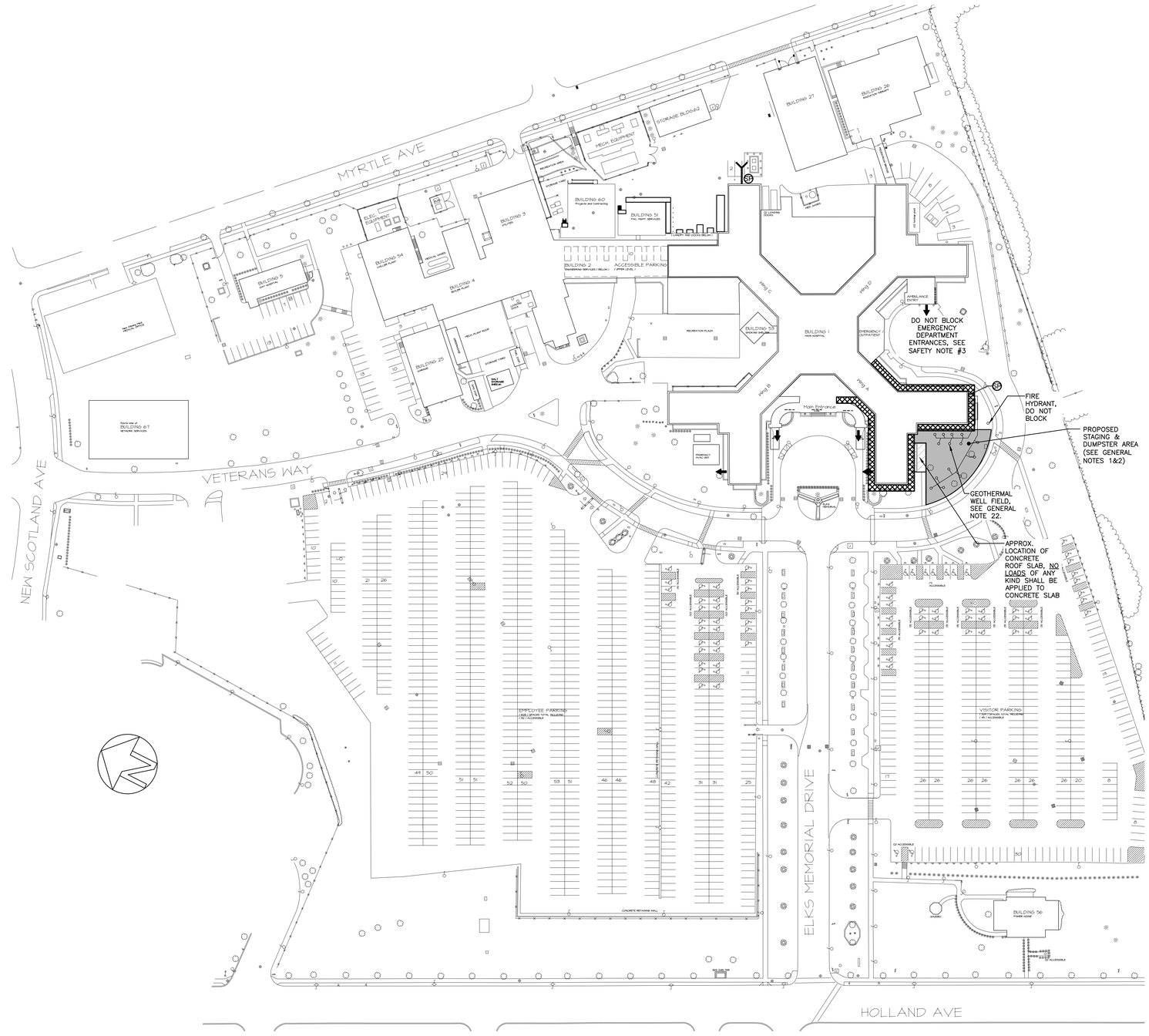
- BRIDGING (SHALL REMAIN IN PLACE BELOW THE SCAFFOLDING WHILE IN USE)
- AREA WHERE SUSPENDED SCAFFOLDING OR ROOF MOUNTED PLATFORMS (FLOORS 3 AND UP) SHOULD BE USED FOR CLEANING.
- STANDPIPE
- FIRE DEPARTMENT SIAMESE CONNECTION (DO NOT BLOCK)
- PROPOSED STAGING AREA
- DOOR OPENING TO REMAIN OPERATIONAL AT ALL TIMES. EGRESS FROM A & B WING BASEMENTS TO BE MAINTAINED AT ALL TIMES TO THE ADJACENT AREAWAYS AND STAIRS.

REFERENCE RADIO FREQUENCY EXPOSURE MAPS (NTS):

FROM SITE SAFE REPORT DATED 2-21-19 FOR 113 HOLLAND AVENUE ALBANY, NY. CONTACT PROJECT COR FOR COPY OF FULL REPORT.







1 **SITE SAFETY & PROPOSED STAGING PLAN**
SCALE: 1"=60'-0"

SAFETY NOTES:

1. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, RULES & REGULATIONS FOR THE DEMOLITION AND CONSTRUCTION OPERATIONS ON A HIGH RISE BUILDING.
2. ACCESS TO THE A ROOF OF BUILDING #1 IS LOCATED AT THE 11th & 12th FLOOR LEVELS WITH AN ELEVATION OF APPROXIMATELY 216' & 228'.
3. THE CONTRACTOR SHALL PROVIDE ALL SIDEWALK BRIDGING AND SAFETIES REQUIRED FOR PROPER PROTECTION OF ALL WALKWAYS AND DRIVEWAYS. SUCH BRIDGING SHALL BE HEAVY DUTY BRIDGING (300 PSF CAPACITY) WITH LIGHTS. ENTRANCES IN THE EMERGENCY DEPARTMENT AREA NEEDS TO BE KEPT OPEN AND AVAILABLE FOR EMERGENCY VEHICLES, VANS & PEDESTRIANS AT ALL TIMES. CONTRACTOR WILL NOT BE PERMITTED TO STORE ANYTHING WITHIN THIS AREA. ALL WORK TO COMPLY WITH ALL FEDERAL, STATE, & LOCAL LAWS AND REGULATIONS AS WELL AS OSHA REQUIREMENTS. BRIDGING & SCAFFOLDING SHOP DRAWING SUBMISSION SHALL INCLUDE A STRUCTURAL DESIGN, SIGNED & SEALED BY A CERTIFIED STRUCTURAL ENGINEER LICENSED IN THE STATE OF NEW YORK.
4. PRIOR TO START OF CONSTRUCTION, CONTRACTOR TO PROVIDE TO VA CONTRACTING OFFICER'S REPRESENTATIVE (COR) AND VA SAFETY REPRESENTATIVE A COMPLETE AND DETAILED CONSTRUCTION PLAN INCLUDING: CONSTRUCTION PHASING PLAN, CONSTRUCTION SCHEDULE, SAFETY PLAN WITH FALL PROTECTION SHOWING ALL SAFETY MEASURES BEING TAKEN TO PROTECT AREAS AND PEOPLE BELOW AREAS OF WORK. CONSTRUCTION PLAN TO BE APPROVED BY VA PRIOR TO START OF WORK.
5. CONSTRUCTION PLAN TO ALSO INCLUDE INSTALLATION DETAILS OF SCAFFOLDING AND BRIDGING PLANS. INSTALLATION DETAILS TO BE CERTIFIED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF NEW YORK.
6. THE CONTRACTOR SHALL COMPLY WITH ALL REGULATIONS CONCERNING OSHA STANDARD 1926.500 "FALL PROTECTION". THE CONTRACTOR IS FURTHER ADVISED THAT NOT ALL BUILDINGS HAVE PARAPETS, BUT ALL BUILDINGS/ROOF AREAS HAVE FALL PROTECTION.
7. CONTRACTOR TO SUPPLY AND USE ALL "PERSONAL FALL ARREST SYSTEMS" AS REQUIRED BY 29 CFR 1926.
8. CONTRACTOR TO HAVE ON SITE AT ALL TIMES DURING CONSTRUCTION, A "SAFETY MONITOR" PERSON TO ACT AS OUTLINED IN OSHA "FALL PROTECTION SYSTEMS AND PRACTICES" STANDARD 1926.502. MONITOR TO WORK WITH VA COR AND SAFETY OFFICE AND COORDINATE ALL SAFETY ACTIVITIES.
9. CHUTES ARE NOT TO BE USED FOR THE REMOVAL OF MATERIAL FROM THE ROOFTOP.
10. PROVIDE REFLECTIVE VINYL SIGNAGE FOR ALL FIRE DEPARTMENT CONNECTIONS FOR THE DURATION OF THE PROJECT. SIGNAGE TO NOTE "DO NOT BLOCK" "FIRE DEPARTMENT CONNECTION".
11. CONTRACTOR SHALL PROVIDE SAFETY & CONSTRUCTION SIGNS PER THE VA REQUIREMENTS DESCRIBED IN SPECIFICATION SECTION 01 00 00. ALL SIGNAGE TO BE REVIEWED AS PART OF THE SAFETY PLAN.
12. LOCAL BARRIERS WILL BE USED WHEN SCISSOR LIFTS ARE EMPLOYED. ALL BARRIERS SHALL BE SUBMITTED TO THE ENGINEER & VA FOR APPROVAL.
13. CONTRACTOR MUST PROTECT ALL EXISTING VEGETATION DURING EACH PHASE OF WORK BY AN APPROVED VA METHOD. REFER TO SPECIFICATION 01 00 00 FOR FURTHER INFORMATION.
14. REFER TO ADDITIONAL SCAFFOLDING NOTES ON PAGE AS-601.

GENERAL NOTES:

1. FINAL LOCATION FOR STAGING SHALL BE COORDINATED WITH THE VA COR PRIOR TO START OF ANY WORK.
2. CONTRACTOR MUST PROVIDE TEMPORARY FENCING AROUND STORAGE AND WORKING AREAS PER VA GUIDELINES & STANDARDS.
3. COORDINATE WITH THE VA FOR MAXIMUM AVAILABLE AREAS FOR CONTRACTOR TRAILERS AND MATERIAL STORAGE. CONTRACTOR TO MINIMIZE SPACE AND DURATION OF USE OF THESE SPACES AS MUCH AS POSSIBLE.
4. ANY DISTURBANCE TO TRAFFIC FLOW IN PARKING LOT AT THE VA CAMPUS, INCLUDING LIFTING OF EQUIPMENT OR MATERIAL, MUST TAKE PLACE AFTER 5 PM AND BEFORE 6:30 AM, MONDAY THROUGH FRIDAY, OR AT ANY TIME ON WEEKENDS. MINOR MATERIAL DELIVERIES AND REMOVALS MAY TAKE PLACE DURING NORMAL BUSINESS HOURS BY USE OF THE VA APPROVED ELEVATORS.
5. CONTRACTOR TO SUPPLY AND MAINTAIN DUMPSTERS FOR CONSTRUCTION DEBRIS.
6. USE OF VA DUMPSTERS OR COMPACTOR IS NOT ALLOWED.
7. PROVIDE TARP; DUMPSTERS TO BE COVERED AT ALL TIMES.
8. DUMPSTERS TO BE REMOVED/REPLACED WITHIN 24 HOURS OF REACHING MAXIMUM ALLOWABLE CAPACITY. ALL DISPOSAL FEES BY THE CONTRACTOR.
9. PROVIDE WARNING SIGNS IN AREA OF DUMPSTERS AND AS DIRECTED BY VA.
10. PROVIDE NETTING AND BRIDGING TO PROTECT ALL AREAS INCLUDING BUT NOT LIMITED TO THE FOLLOWING: WALKWAYS, EQUIPMENT ON LOWER ROOF AREAS, AREAWAYS, ETC. THAT ARE BELOW THE LIFT AREAS OR WORKING AREAS. ALL HVAC UNITS, INCLUDING BUT NOT LIMITED TO UNITS WITH INTAKES OR FANS BLOWING UPWARDS, SHALL BE PROTECTED FROM ANY FALLING DEBRIS WITH BRIDGING AND AREA PROTECTION SHALL NOT BLOCK OR RESTRICT THE AIR FLOW OF ANY EQUIPMENT.
11. CONTRACTOR SHALL SUBMIT MOTORIZED HOIST/TOWER ELEVATOR PLAN TO VA FOR REVIEW & APPROVAL.
12. EXISTING ELEVATORS AT BUILDING 1 PROVIDES ACCESS UP TO FLOOR 11. ALL MATERIALS MUST BE TRANSPORTED THROUGH STAIRWELL ABOVE THIS LEVEL. PROVIDE ESTIMATE FOR THE USE OF TOWER ELEVATOR FOR TRANSPORTING OF MATERIAL TO ROOFTOP LEVEL.
13. ALL OUTSIDE LIFTS OF EQUIPMENT OR MATERIAL TO BE PERFORMED DURING THE HOURS AFTER 5:00 PM AND BEFORE 6:30 AM, MONDAY THROUGH FRIDAY, OR DURING THE WEEKEND.
14. ALL SUSPENDED SCAFFOLDING SYSTEMS, LIFTS AND LOAD PLACED ON THE ROOF SHALL NOT EXCEED 40 PSF. LIFTS REQUIRE ADDITIONAL WEIGHT WAIVER SHALL BE COORDINATED AND THE ACTUAL LOCATION OF PLACEMENT BE DEFINED WITH A NEW WEIGHT LIMIT/RESTRICTION.
15. PRIOR TO STARTING WORK, SUBMIT FOR VA APPROVAL DETAILED SCHEDULE INDICATING ALL WORK THAT MAY AFFECT THE OWNER'S USE OF THE FACILITY, INCLUDING UTILITY SHUT DOWNS, NOISE GENERATING ACTIVITIES, OPERATIONS IMPACTING TRAFFIC PATTERNS, AND AREAS AFFECTING PATIENT PRIVACY.
16. PROTECT ALL EXISTING COMPONENTS TO BE LEFT IN PLACE, INCLUDING PAVING, LANDSCAPING AND OTHER SITE COMPONENTS. MAINTAIN A WEATHER-TIGHT ENCLOSURE OVER THE OCCUPIED SPACE BENEATH THE WORK AREA AT ALL TIMES.
17. TRAFFIC ALONG VETERANS WAY MUST ALWAYS HAVE AT LEAST 1 LANE OPEN AT ALL TIMES FOR EMERGENCY VEHICLE ACCESS. IF DOWN TO 1 LANE EVEN FOR A VERY SHORT PERIOD OF TIME, FLAG PERSONS MUST DIRECT TRAFFIC ON BOTH ENDS OF THE CLOSURE AS WELL AS THE VISITOR'S PARKING LOT ENTRANCE.
18. PEDESTRIAN AND VEHICULAR TRAFFIC TO BE MAINTAINED AT ALL TIMES AT THE MAIN ENTRANCE. DO NOT IMPACT PICK-UP OR DROP-OFF OPERATIONS AT ANY TIMES.
19. USE OF NOISE & VIBRATION EMITTING POWER TOOLS MAY BE USED DURING THE HOURS OF 7:30-5:00PM, MONDAY – FRIDAY, WITHIN NOISE & VIBRATION LIMITS SPECIFIED BY THE VA. PERMISSION MUST BE REQUESTED AT LEAST 72 HOURS IN ADVANCE & APPROVAL AUTHORIZED BEFORE USE OF ANY SUCH EQUIPMENT.
20. VA COR OR SAFETY OFFICER CAN STOP THE USE OF NOISE & VIBRATION EMITTING POWER TOOLS AT ANY TIME IF THE NOISE & VIBRATION IMPACTS ANY HOSPITAL FUNCTION. IF THIS OCCURS, WORK MUST BE PERFORMED OFF HOURS, BY USE OF HAND TOOLS OR AT AN ALTERNATE TIME AS APPROVED BY VA COR OR SAFETY OFFICER.
21. UTILITY HOOK-UPS, PERSONNEL ACCESS AND WORKING AREAS AROUND THE DECONTAMINATION TRAILER CANNOT BE BLOCKED AT ANY TIME. NO ILSM (INTERIM LIFE SAFETY MEASURES) WILL BE ISSUED FOR ANY PERIOD OF TIME TO BLOCK ACCESS TO THE TRAILER.
22. THE AREA INDICATED AS A GEOTHERMAL WELL FIELD SERVES THE 4A CLC PROJECT AND THERE SHALL BE LIMITED SURFACE LOADS TO THIS AREA DURING THE CONSTRUCTION PHASE. THIS AREA MAY BE USED FOR LIMITED MATERIAL STORAGE WITH PERMISSION BY THE VA COR.
23. SMOKING IS PROHIBITED ON THE VA MEDICAL CENTER PROPERTY, INCLUDING PARKING LOTS AND STORAGE AREAS. 'SMOKING' INCLUDES THE USE OF ELECTRONIC CIGARETTES AND CIGARS.
24. RADIO FREQUENCY FIELDS (RADIATION ZONES) ARE LOCATED ON MULTIPLE ROOF AREAS ABOVE THE 12TH FLOOR. CONTRACTOR AND EMPLOYEES MUST FOLLOW GUIDELINES FOR WORKING IN RADIO FREQUENCY ENVIRONMENTS.
25. PERMISSION FOR RADIO FREQUENCY EMITTING EQUIPMENT SHUT DOWN MUST BE REQUESTED AT LEAST 72 HOURS IN ADVANCE FOR COORDINATION WITH EQUIPMENT OWNER. NOTIFICATION OF EQUIPMENT SHUTDOWN & SHUTDOWN APPROVAL AUTHORIZATION MUST BE ISSUED BEFORE WORK MAY BE DONE IN MARKED HAZARDOUS AREAS. SEE MAP OF HAZARDOUS RADIO FREQUENCY AREAS DWG 1-GI-002. CONTACT VA FOR FULL SITE SAFE REPORT AND CONSULT WITH VA FOR ANY WORK BEING PERFORMED ABOVE THE 12TH FLOOR.

100% CONSTRUCTION DOCUMENTS

Revisions	Date

CONSULTANTS:

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570 | 824-6340 info@edpons.com edpons.com

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ISSUED 1992; EXP. 9/25

ARCHITECT/ENGINEERS:

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

FELLENZER ENGINEERING LLP www.fellp.com
FE PROJECT NO: 17-103/23-030
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t 845-343-1481; fx 855-320-8735
181 Church St., Suite 100, Poughkeepsie, NY 12601
t 845-454-9704; fx 855-320-8735

Drawing Title	GENERAL CONTRACTUAL: SITE SAFETY + PROPOSED STAGING PLAN
Approved Engineering Manager	DEPT OF VETERANS AFFAIRS NETWORK CONTRACTING OFFICE 2 2875 UNION ROAD, SUITE 3500 CHEEKTOWAGA, NY 14227
Project Title	VA STRATTON FACADE A WING REPAIRS
Location	ALBANY, NY
Date	10-25-24
Checked	JDF
Drawn	SRB, SLB
Project Number	528A8-21-812
Building Number	1
Drawing Number	GI-002
Dwg.	2 of 20

Office of Construction and Facilities Management

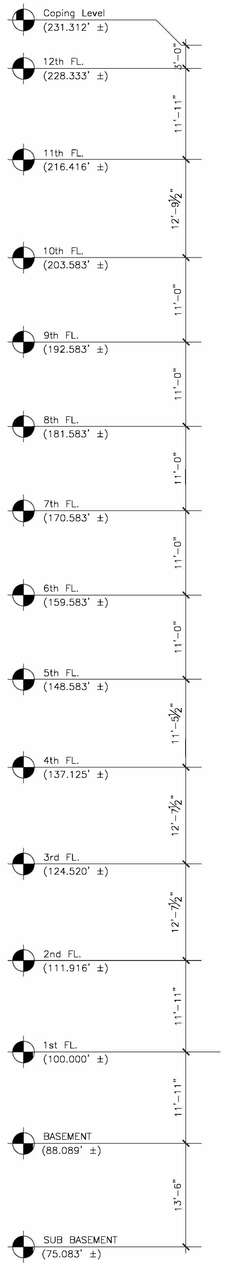
Department of Veterans Affairs

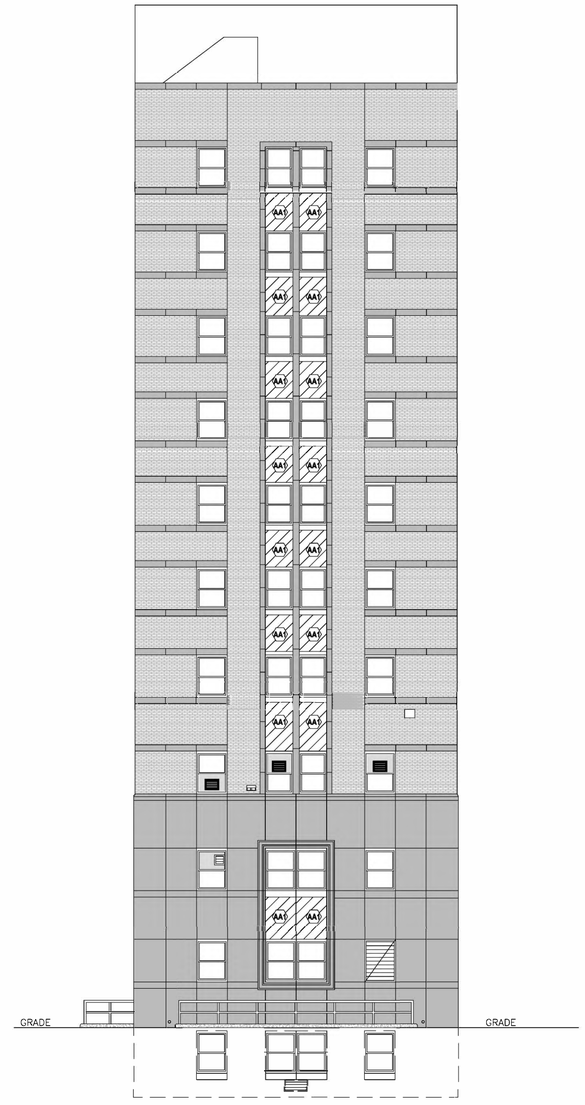
VA FORM 08-6231

F:\2023\23-030 VA STRATTON FACADE, PHASE 1A PHASE 1A - RE-BID SET (A WING & CHAPEL)\GI-002.dwg 10-23-24 11:46:33 AM jcl

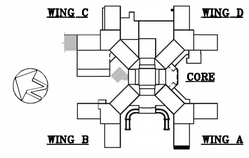
ASBESTOS AWARENESS KEYNOTES

AA1 STONE PANEL ADHESIVE IS PRESUMED ASBESTOS CONTAINING MATERIAL (PACM). DURING THE COURSE OF THE WORK, THE ADJACENT MORTAR & SEALANT REMOVAL AT THE LIMESTONE BANDS SHALL NOT DISTURB THE UNDERLYING PANEL ADHESIVE. NO DISTURBANCE OF STONE PANELS IS SCHEDULE, BUT IF ANY DISTURBANCE OCCURS, THE CONTRACTOR SHALL IMMEDIATELY STOP WORK, VACATE THE WORK AREA AND CONTACT THE ENVIRONMENTAL CONSULTANT.





1 **ELEVATION A-3**
SCALE: 1/8"=1'-0"



GENERAL NOTES:

1. REFERENCE SHEETS AS-102 FOR KEYED NOTES FOR COORDINATING ARCHITECTURAL SCOPE ON ELEVATION A-3..

100% CONSTRUCTION DOCUMENTS

Revisions	Date

CONSULTANTS:

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REGISTERED ARCHITECT PAUL RICHARD JACKSON 027811 STATE OF NEW YORK
REGISTRATION EXPIRES: 08/31/2026

ARCHITECT/ENGINEERS:

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

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Drawing Title: A-WING ELEVATIONS A-3 ASBESTOS AWARENESS

Approved Engineering Manager: DEPT OF VETERANS AFFAIRS NETWORK CONTRACTING OFFICE 2 2875 UNION ROAD, SUITE 3500 CHEEKTOWAGA, NY 14227

Project Title: VA STRATTON FACADE A WING REPAIRS

Location: ALBANY, NY

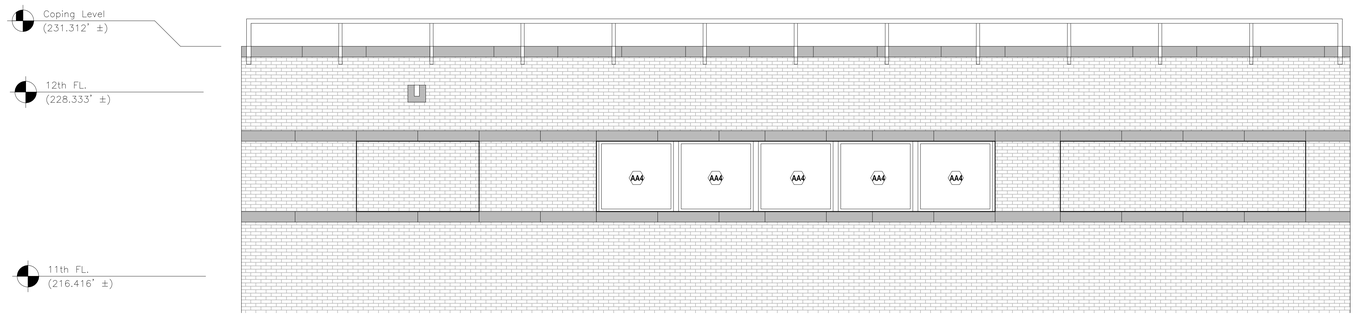
Date	Checked	Drawn
10/25/24	JF	AEHA

Project Number: 528A8-21-812
Building Number: 1
Drawing Number: HA-100
Dwg. 3 of 26

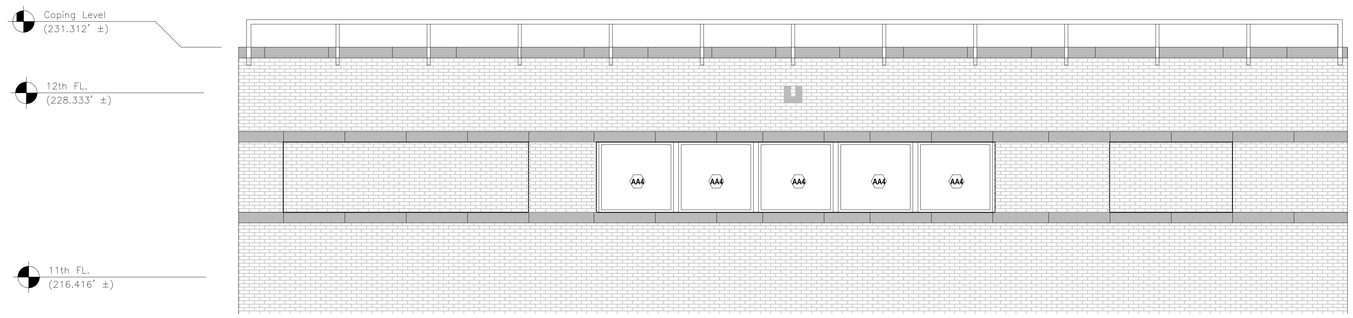
Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231

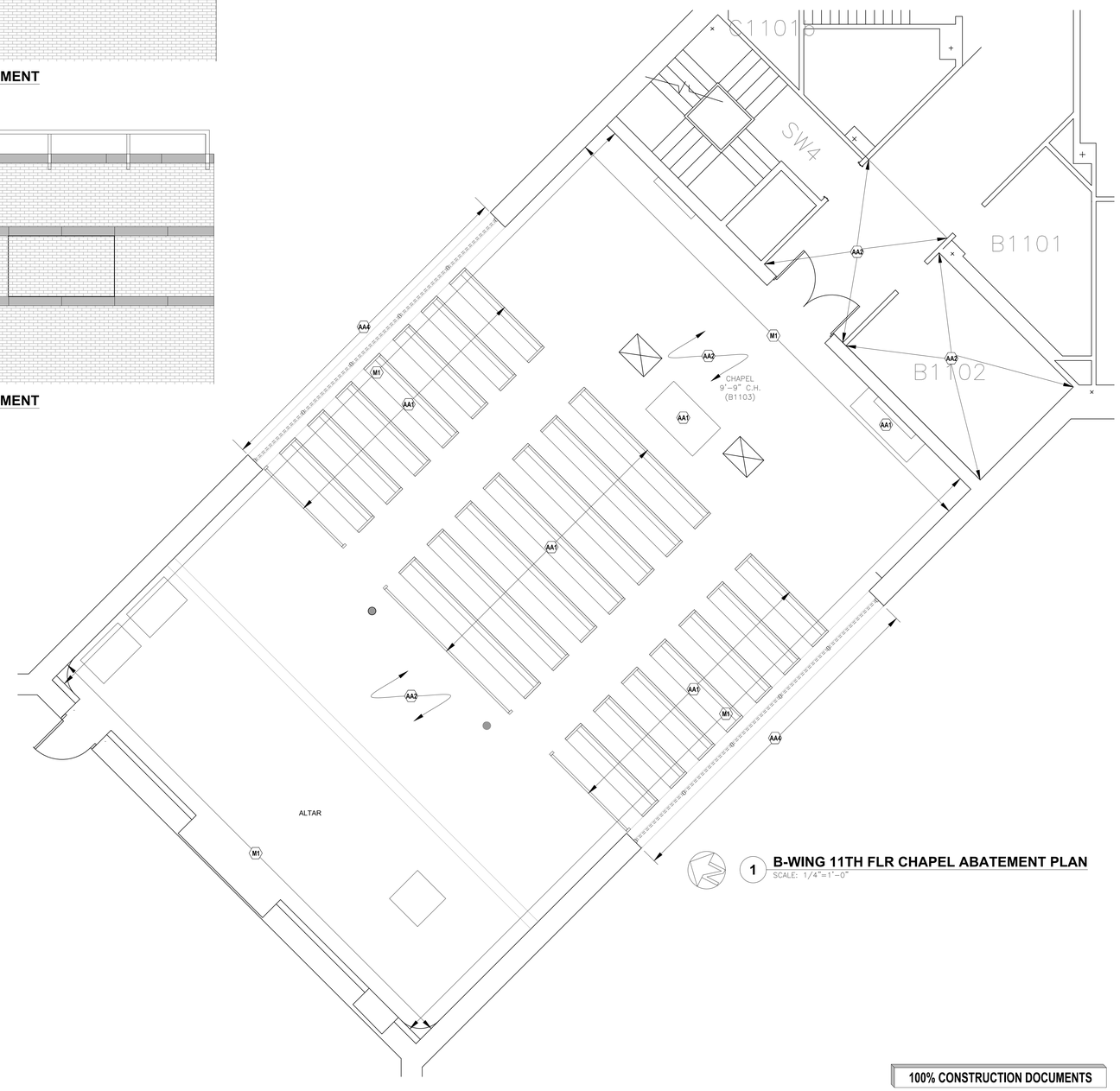
X:\DistrStation_0011\2203E132\Homes\public\Project Files\Adelaide\Stratton VA - Facade Repairs 1A - FE - VA\Abatement Plans & Specs\Drawing Files\Sheet Files\AA-101 THRU AA-103 (A WING FACADE).dwg 8-21-24 10:05:43 AM pchec



2 **B-WING 11TH FLR CHAPEL NORTH ELEVATION ABATEMENT**
SCALE: 1/4"=1'-0"



3 **B-WING 11TH FLR CHAPEL SOUTH ELEVATION ABATEMENT**
SCALE: 1/4"=1'-0"



1 **B-WING 11TH FLR CHAPEL ABATEMENT PLAN**
SCALE: 1/4"=1'-0"

GENERAL MOLD REMEDIATION NOTES & GUIDELINES

Guidelines for Remediating Building Material with Mold Growth Caused by Clean Water*

Material or Furnishing Affected	Cleanup Methods	Personal Protective equipment	Containment
SMALL - Total Surface Area Affected Less Than 10 square feet (ft2)			
Books and papers	3	Minimum N-95 respirator, gloves, and goggles	None Required
Carpet and backing	1,3		
Concrete or Cinder Block	1,3		
Hard Surface, Porous Flooring (linoleum, ceramic tile, vinyl)	1,2,3		
Non-Porous, hard surfaces (plastics, metals)	1,2,3		
Upholstered Furniture & Drapes	1,3		
Wallboard (drywall & gypsum board)	3		
Wood Surfaces	1,2,3		
MEDIUM - Total Surface Area Affected Between 10 and 100 square feet (ft2)			
Books and papers	3	Limited or Full Use Professional Judment, consider potential for remediator exposeure and size of contaminated area	Limited Use professional judgement, consider potential for remediator/occupant exposure and size of contaminated area
Carpet and backing	1,3,4		
Concrete or Cinder Block	1,3		
Hard Surface, Porous Flooring (linoleum, ceramic tile, vinyl)	1,2,3		
Non-Porous, hard surfaces (plastics, metals)	1,2,3		
Upholstered Furniture & Drapes	1,3,4		
Wallboard (drywall & gypsum board)	3,4		
Wood Surfaces	1,2,3		
LARGE - Total Surface Area Affected Greater than 100 square feet (ft2) or potential for Increased Occupant or Remediator Exposure during Remediation Estimated to be Significant			
Books and papers	3	Full Use Professional Judment, consider potential for remediator exposeure and size of contaminated area	Full Use professional judgement, consider potential for remediator/occupant exposure and size of contaminated area
Carpet and backing	1,3,4		
Concrete or Cinder Block	1,3		
Hard Surface, Porous Flooring (linoleum, ceramic tile, vinyl)	1,2,3,4		
Non-Porous, hard surfaces (plastics, metals)	1,2,3		
Upholstered Furniture & Drapes	1,3,4		
Wallboard (drywall & gypsum board)	3,4		
Wood Surfaces	1,2,3,4		

*USE PROFESSIONAL JUDGMENT TO DETERMINE PRUDENT LEVELS OF PERSONAL PROTECTIVE EQUIPMENT AND CONTAINMENT FOR EACH SITUATION, PARTICULARLY AS THE REMEDIATION SITE SIZE INCREASES AND THE POTENTIAL FOR EXPOSURE AND HEALTH EFFECTS RISES. ASSESS THE NEED FOR INCREASED PERSONAL PROTECTIVE EQUIPMENT, IF, DURING THE REMEDIATION, MORE EXTENSIVE CONTAMINATION IS ENCOUNTERED THAN WAS EXPECTED. THESE GUIDELINES ARE FOR DAMAGE CAUSED BY CLEAN WATER. IF YOU KNOW OR SUSPECT THAT THE WATER SOURCE IS CONTAMINATED WITH SEWAGE, OR CHEMICAL OR BIOLOGICAL POLLUTANTS, THEN THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REQUIRES PPE AND CONTAINMENT. AN EXPERIENCED PROFESSIONAL SHOULD BE CONSULTED IF YOU AND/OR YOUR REMEDIATORS DO NOT HAVE EXPERTISE IN REMEDIATING CONTAMINATED WATER SITUATIONS.

CLEANUP METHODS
METHOD 1: WET VACUUM (IN THE CASE OF POROUS MATERIALS, SOME MOLD SPORES/FRAGMENTS WILL REMAIN IN THE MATERIAL BUT WILL NOT GROW IF THE MATERIAL IS COMPLETELY DRIED). STEAM CLEANING MAY BE AN
ALTERNATIVE FOR CARPETS AND SOME UPHOLSTERED FURNITURE.

METHOD 2: DAMP-WIPE SURFACES WITH PLAIN WATER OR WITH WATER AND DETERGENT SOLUTION (EXCEPT WOOD–USE WOOD FLOOR CLEANER); SCRUB AS NEEDED.

METHOD 3: HIGH-EFFICIENCY PARTICULATE AIR (HEPA) VACUUM AFTER THE MATERIAL HAS BEEN THOROUGHLY DRIED. DISPOSE OF THE CONTENTS OF THE HEPA VACUUM IN WELL-SEALED PLASTIC BAGS.

METHOD 4: DISCARD - REMOVE WATER-DAMAGED MATERIALS AND SEAL IN PLASTIC BAGS WHILE INSIDE OF CONTAINMENT, IF PRESENT. DISPOSE OF AS NORMAL WASTE. HEPA VACUUM AREA AFTER IT IS DRIED.

PERSONAL PROTECTIVE EQUIPMENT (PPE)
MINIMUM: GLOVES, N-95 RESPIRATOR, GOGGLES/EYE PROTECTION

LIMITED: GLOVES, N-95 RESPIRATOR OR HALF-FACE RESPIRATOR WITH HEPA FILTER, DISPOSABLE OVERALLS, GOGGLES/EYE PROTECTION

FULL: GLOVES, DISPOSABLE FULL BODY CLOTHING, HEAD GEAR, FOOT COVERINGS, FULL-FACE RESPIRATOR WITH HEPA FILTER

CONTAINMENT
LIMITED: USE POLYETHYLENE SHEETING CEILING TO FLOOR AROUND AFFECTED AREA WITH A SLIT ENTRY AND
COVERING FLAP; MAINTAIN AREA UNDER NEGATIVE PRESSURE WITH HEPA FILTERED FAN UNIT. BLOCK SUPPLY AND RETURN AIR VENTS WITHIN CONTAINMENT AREA.

FULL: USE TWO LAYERS OF FIRE-RETARDANT POLYETHYLENE SHEETING WITH ONE AIRLOCK CHAMBER. MAINTAIN AREA UNDER NEGATIVE PRESSURE WITH HEPA FILTERED FAN EXHAUSTED OUTSIDE OF BUILDING. BLOCK SUPPLY AND RETURN AIR VENTS WITHIN CONTAINMENT AREA.

TABLE DEVELOPED FROM LITERATURE AND REMEDIATION DOCUMENTS INCLUDING *BIOAEROSOLS: ASSESSMENT ANDCONTROL* (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS, 1999) AND *IICRC S500, STANDARD AND REFERENCE GUIDE FOR PROFESSIONAL WATER DAMAGE RESTORATION* (INSTITUTE OF INSPECTION, CLEANING AND RESTORATION, 1999); SEE RESOURCES LIST FOR MORE INFORMATION.)

ASBESTOS ABATEMENT KEYNOTES

		QTY
AA1	REMOVE ANCHORING DEVICES AND REMOVE / DECONTAMINATE PEWS AND OTHER ITEMS ANCHORED THROUGH ASBESTOS CONTAINING FLOOR TILE OF ALL ACM. STORE CHURCH PEWS, KNEELERS, PULPIT, ALTAR AND ALL SIMILAR FIXED FURNISHINGS IN LOCATION DETERMINED BY VA.	TYP. FOR 150 SQ. FT.
AA2	REMOVE AND DISPOSE OF FLOOR TILE & MASTIC ON CONCRETE FLOOR.	TYP. FOR 2,050 SQ. FT.
AA3	NOT USED	
AA4	PRIOR TO ANY WINDOW REPLACEMENT WORK COMMENCING, REMOVE EXISTING STAINED GLASS PANELS AND STORE FOR RE-INSTALLATION. REMOVE & DISPOSE OF EXTERIOR PERIMETER PACM CAULKING AND EXISTING WINDOW SYSTEMS WITH PACM GLAZING COMPOUND.	TYP. FOR 120 LIN FT. CAULK & 180 LIN. FT. GLAZING COMPOUND

GENERAL ASBESTOS ABATEMENT NOTES

1. ALL ASBESTOS CONTAINING MATERIALS (ACM) AND PRESUMED ASBESTOS CONTAINING MATERIALS (PACM) SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH THE SPECIFICATION AND APPLICABLE REGULATIONS. PERSONNEL HOLDING CURRENT NEW YORK STATE DEPARTMENT OF LABOR (NYSDOL) ASBESTOS HANDLER'S CERTIFICATES SHALL PERFORM THE WORK. ADDITIONALLY, THE CONTRACTOR MUST EMPLOY NYSDOL CERTIFIED SUPERVISORS TO BE ON THE WORK SITE FOR ALL ABATEMENT ACTIVITIES. THE CONTRACTOR MUST BE CURRENTLY LICENSED BY THE NYSDOL. ALL CERTIFICATES AND LICENSES ARE TO BE READILY AVAILABLE FOR VERIFICATION BY THE VETERANS AFFAIRS MEDICAL CENTER (VAMC).
2. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL ASBESTOS-CONTAINING MATERIALS AND ASBESTOS-CONTAMINATED MATERIALS WITHIN THE SPECIFIED AREAS. ALL ASBESTOS ABATEMENT WORK SHALL BE PERFORMED PRIOR TO THE COMMENCEMENT OF ANY OTHER WORK UNLESS NOTED OTHERWISE
3. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL QUANTITIES OF ASBESTOS-CONTAINING MATERIALS.
4. CONTRACTOR IS RESPONSIBLE FOR PRECLEANING ANY EXISTING ASBESTOS CONTAMINATION, DUST AND DEBRIS WITHIN THE REMOVAL AREAS.
5. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF BUILDING FINISHES. THE CONTRACTOR SHALL REPAIR ANY AND ALL DAMAGES CAUSED BY ABATEMENT ACTIVITIES OR HIS PERSONNEL.
6. CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE SCOPE OF WORK UNDER THIS CONTRACT.
7. THE WORK WILL BE PHASED TO ACCOMMODATE THE VAMC FACILITY REQUIREMENTS. WORK MAY HAVE TO BE PERFORMED OFF-HOURS, WEEKENDS AND AT NIGHT AT NO ADDITIONAL COST TO THE VAMC.
8. THE PROJECT SHALL BE FILED AS A LARGE PROJECT WITH THE NYSDOL AND USEPA.

MOLD REMEDIATION KEYNOTES

		QTY
M1	REMOVE AND DISPOSE OF MOLD ON WALLS.	400 sq. ft.

MOLD WORK NOTES:

CHAPEL
1. ESTABLISH CONTAINMENT OF THE CHAPEL AFTER ASBESTOS ABATEMENT IS COMPLETE.
2. INSTALL AIRLOCK TO ENTRANCE OF CONTAINMENT STRUCTURE AND UTILIZE AN AIR EXCHANGE UNIT (NEGATIVE PRESSURE), EXHAUSTING TO THE EXTERIOR OF THE BUILDING PRIOR TO MOLD ABATEMENT.
3. REMOVAL OF WALLPAPER TO EXPOSE MOLD AFFECTED AREAS.
4. ALL AREAS WITHIN THE CHAPEL WILL HAVE A THOROUGH CLEANING WITH AN EPA APPROVED ANTI-MICROBIAL DISINFECTANT THROUGHOUT CONTAINMENT AREA LIMITED TO: WALLS

100% CONSTRUCTION DOCUMENTS

Revisions:	Date

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REGISTERED ARCHITECT PAUL RICHARD CORSO 027811 STATE OF NEW YORK
REGISTRATION EXPIRES: 08/31/2026

ARCHITECT/ENGINEERS:

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

FELLENZER ENGINEERING LLP www.fellp.com
FE PROJECT NO.: 17-103/23-030
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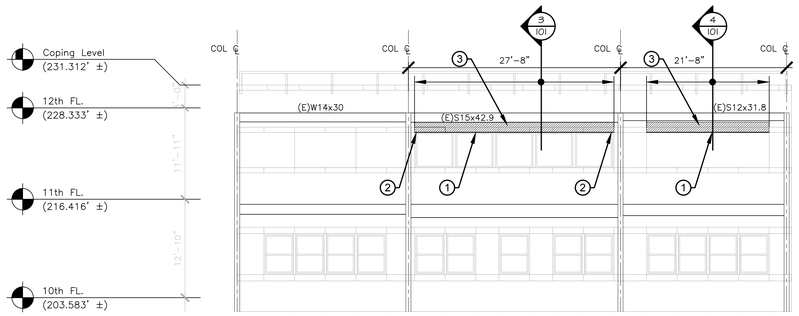
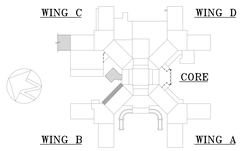
Drawing Title	B-WING PARTIAL 11TH ASBESTOS ABATEMENT PLAN, ELEVATIONS AND MOLD REMEDIATION
Project Title	VA STRATTON FACADE A WING REPAIRS
Project Number	528A8-21-812
Building Number	1
Approved Engineering Manager	DEPT OF VETERANS AFFAIRS NETWORK CONTRACTING OFFICE 2 2875 UNION ROAD, SUITE 3500 CHEEKTOWAGA, NY 14227
Location	ALBANY, NY
Drawing Number	HA-101
Date	10/25/24
Checked	JF
Drawn	AEHA
Dwg.	4 of 26

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231

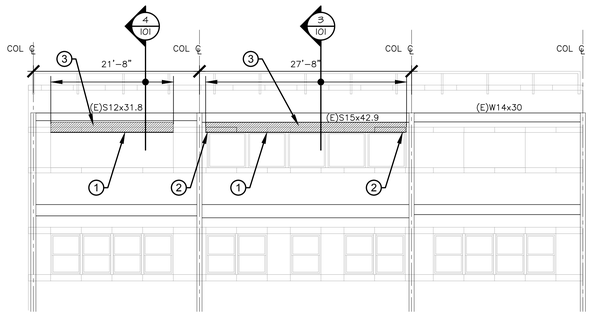


1 ELEVATION B-1
SCALE: 1/8"=1'-0"

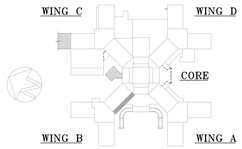


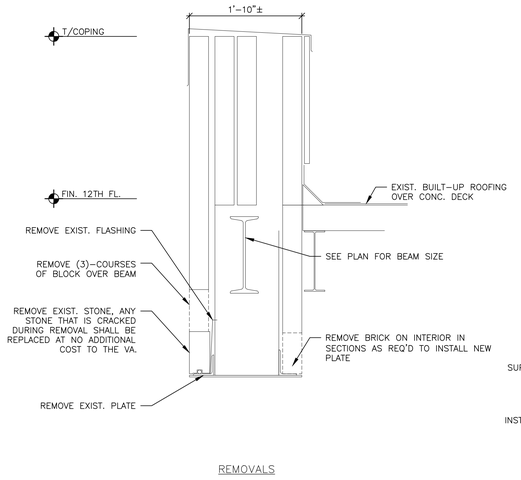
KEY NOTES:

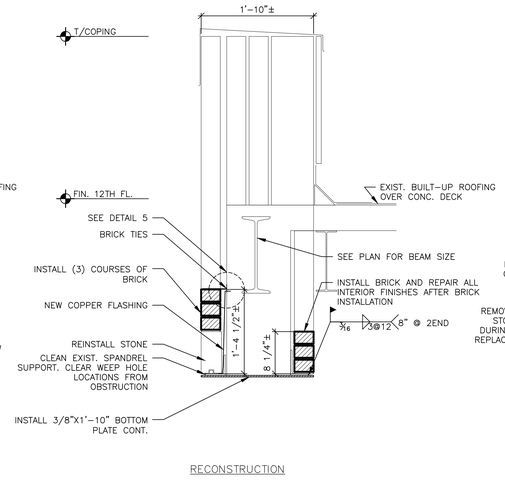
1. INSTALL 3/8"X1'-10" BOTTOM PLATE CONT.
2. REINSTALL STONE TO MATCH EXISTING.
3. INSTALL NEW BRICK OVER WINDOW TO MATCH EXISTING.
4. SEE DRAWING AS-301 FOR ADDITIONAL INFORMATION NOT SHOWN HERE



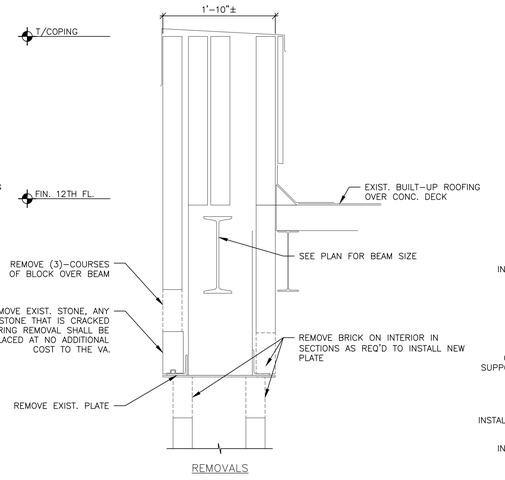
2 ELEVATION B-10
SCALE: 1/8"=1'-0"

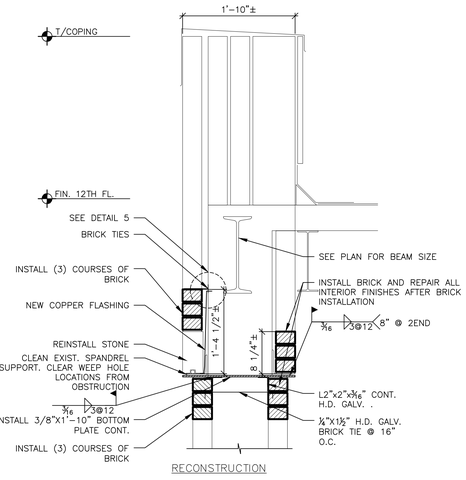




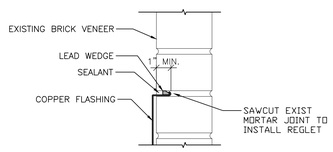


3 SECTION AT PARAPET WALL ABOVE CHAPEL
SCALE: 1"=1'-0"





4 SECTION AT BRICK INFILL
SCALE: 1"=1'-0"



5 FLASHING DETAIL
SCALE: 3"=1'-0"

100% CONSTRUCTION DOCUMENTS

Revisions:	Date

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ARCHITECT/ENGINEERS:

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Drawing Title: B-WING ELEVATIONS B-1 & B-10

Approved- Engineering Manager: DEPT OF VETERANS AFFAIRS, NETWORK CONTRACTING OFFICE 2, 2875 UNION ROAD, SUITE 3500, CHEEKTOWAGA, NY 14227

Project Title: VA STRATTON FACADE A WING REPAIRS

Location: ALBANY, NY

Date: 10/25/24 | Checked: JDF | Drawn: SRB, SLB

Project Number: 528A8-21-812

Building Number: 1

Drawing Number: SS-101

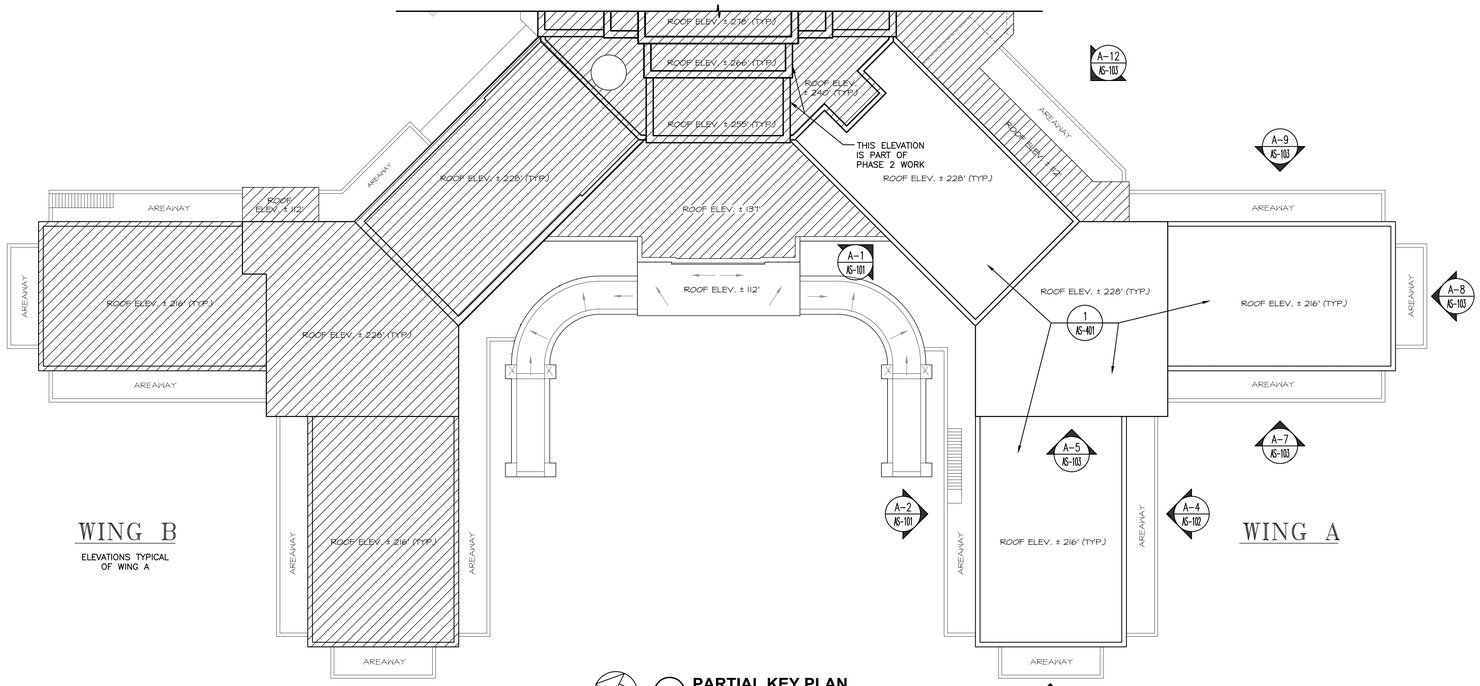
Dwg. 5 of 26

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

three inches = one foot · one and one half inches = one foot · one inch = one foot · three quarters inch = one foot · one half inch = one foot · three eighths inch = one foot · one quarter inch = one foot · one eighth inch = one foot
I:\Projects\2023 Projects\23148 FE-23-030 - VA Chapel Windows Repairs\Revit-CAD\23-030 - VA Stratton Phase 1A R1.dwg 10-25-24 05:54:53 AM User



1 **PARTIAL KEY PLAN**
N.T.S.

2 **OVERHEAD VIEW**
N.T.S.

GENERAL NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ALL DIMENSIONS ON THESE PLANS AGAINST FIELD CONDITIONS PRIOR TO CONSTRUCTION AND THE REPORT ANY DISCREPANCIES TO THE VA. ALL DIMENSIONS AND LOCATIONS AS-INDICATED ON THE DRAWINGS SHALL BE CONSIDERED AS REASONABLY CORRECT BUT IT SHALL BE UNDERSTOOD THAT THEY ARE SUBJECT TO MODIFICATION AS MAY BE NECESSARY OR DESIRABLE AT THE TIME OF INSTALLATION TO MEET ANY UNFORESEEN OR OTHER CONDITION.
2. ALL WORK PERFORMED SHALL COMPLY WITH APPLICABLE VA CODES AND STANDARDS, INCLUDING BUT NOT LIMITED TO VA DIRECTIVES AND DESIGN MANUALS, NYS BUILDING CODE (NYSBC), NFPA 101 LIFE SAFETY CODE AND OSHA STANDARDS.
3. CONTRACTOR OR ANY SUBCONTRACTOR DOING ANY WORK UNDER THIS CONTRACT SHALL CARRY LIABILITY AND PROPERTY DAMAGE INSURANCE AGAINST ACCIDENTS OF ALL KINDS AND SHALL FURNISH OWNER WITH CERTIFICATES OF INSURANCE. INSURANCE POLICY SHALL HAVE NO EXCLUSION FOR OVERSPRAY. GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL CARRY LIABILITY INSURANCE FOR OVERSPRAY TO COVER, BUT NOT BE LIMITED TO, VA AND ALL EMPLOYEES, PATIENTS, VISITORS AND THEIR PROPERTIES.
4. DO NOT SCALE DRAWINGS, CONTRACTOR SHALL NOTIFY VA OF ANY DISCREPANCIES IN DIMENSIONS BETWEEN EXISTING CONDITIONS.
5. DETAILS SHOWN ARE TYPICAL: SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
6. CONTRACTOR SHALL PROVIDE AND INSTALL ALL COMPONENTS INDICATED ON DETAIL SHEETS, PLANS, SPECIFICATIONS AND ALL PERTINENT EQUIPMENT REQUIRED FOR A COMPLETE AND WORKABLE SYSTEM.
7. ANY DIRECT OR INDIRECT DAMAGE THAT IS DONE TO PUBLIC OR PRIVATE PROPERTY RESULTING FROM ANY ACT, OMISSION, NEGLECT, OR MISCONDUCT, THE CONTRACTOR SHALL RESTORE THE DAMAGED PROPERTY TO A CONDITION EQUAL TO ITS ORIGINAL CONSTRUCTION OR INSTALLATION CONDITION BEFORE THE DAMAGE AT NO ADDITIONAL COST TO THE GOVERNMENT. REPAIR, REBUILD, OR RESTORE PROPERTY AS DIRECTED OR MAKE GOOD SUCH DAMAGE IN AN ACCEPTABLE MANNER TO THE VA.
8. PRIOR TO STARTING WORK, CONTRACTOR SHALL SUBMIT FOR CONTRACTING OFFICERS REPRESENTATIVE (COR) APPROVAL A DETAILED SCHEDULE INDICATING ALL WORK THAT MAY AFFECT THE OWNERS USE OF THE FACILITY, SUCH AS SHUT DOWNS, NOISE GENERATING CONSTRUCTION ACTIVITIES, USE OF THE SERVICE ELEVATORS, ETC. ANY FACADE WORK THEY MAY IMPACT PATIENT PRIVACY SHALL PROVIDE PATIENT AREA VISIBILITY PROTECTION.
9. IT IS THE INTENTION THAT THESE SPECIFICATIONS, AND DRAWINGS ACCOMPANYING SAME, SHALL PROVIDE FOR THE FURNISHING AND INSTALLING OF THE ARCHITECTURAL & STRUCTURAL SYSTEMS COMPLETE AS SPECIFIED AND SHOWN. ANY WORK SHOWN ON THE DRAWINGS AND NOT PARTICULARLY DESCRIBED IN THE SPECIFICATIONS OR VICE VERSA, OR ANY WORK CHANGES WHICH MAY BE EVIDENTLY NECESSARY TO COMPLETE THE INSTALLATION SHALL BE FURNISHED BY THE CONTRACTOR.
10. THE EXISTING FACILITY WILL REMAIN IN OPERATION DURING THE WORK. ENSURE SAFE PASSAGE OF ALL PERSONS AROUND WORK AREAS. ERECT BARRIERS AS REQUIRED AND/OR AS DIRECTED BY THE COR. MAINTAIN ALL REQUIRED EGRESS ROUTES. DO NOT LIMIT VA USE OF THE FACILITY WITHOUT VA PRIOR APPROVAL.
11. PROTECT EQUIPMENT AND MATERIALS AGAINST PHYSICAL DAMAGE. PLACE EQUIPMENT IN FIRST CLASS OPERATING CONDITION, OR RETURN TO SOURCE OF SUPPLY FOR REPAIR OR REPLACEMENT, AS DETERMINED BY RESIDENT ENGINEER. PROTECT EQUIPMENT DURING CONSTRUCTION AGAINST ENTRY OF FOREIGN MATTER TO THE INSIDE AND CLEAN BOTH INSIDE AND OUTSIDE BEFORE OPERATION AND PAINTING.
12. CONTRACTOR TO SUPPLY WALL PADDING AND PROTECTIVE FLOOR MATTING DURING ELEVATOR USE. ELEVATORS CAN BE "LOCKED OUT" FOR USE IN TRANSPORTING A SIGNIFICANT SHIPMENT OF MATERIALS. ELEVATORS ARE USED FOR PATIENT TRANSPORT, SO THE LOCK-OUT MUST BE COMPLETED (INCLUDING CLEANING) PRIOR TO 8:00 AM. AT COMPLETION OF USE; ELEVATOR SHALL BE CLEANED OF ALL CONSTRUCTION DEBRIS AND DUST, THE WALLS AND CEILING SHALL BE HAND WIPED AND THE FLOOR SHALL BE MOPPED USING AN APPROPRIATE SURFACE CLEANER AND THE ELEVATOR RETURNED TO VA FOR USE. COORDINATE "LOCK-OUT" WITH VA COR AT LEAST 24 HRS IN ADVANCE.
13. IT IS THE INTENT OF THESE PLANS AND SPECIFICATIONS TO PROVIDE ALTERATIONS AND/OR NEW CONSTRUCTION AS INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS TO PROVIDE COMPLETE NEW SYSTEMS IN EVERY RESPECT, CAPABLE OF OPERATING AS DESIGNED. IT IS NOT INTENDED THAT EVERY FITTING, MINOR DETAIL OR FEATURE BE SHOWN ON DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DETAIL NECESSARY FOR COMPLETION OF THESE SYSTEMS IN ACCORDANCE WITH GOOD PRACTICE.
14. CONTRACTOR SHALL PROVIDE AN ALLOWANCE FOR AN ADDITIONAL $50,000 FOR ANY ADDITIONAL REPAIRS/ REPLACEMENTS FOUND DURING CONSTRUCTION. CONTRACTOR SHALL PROVIDE A SCHEDULE OF VALUES WITH UNIT PRICES FOR THE FOLLOWING ITEMS TO BE REVIEWED AND APPROVED BY VA COR & ENGINEER. REPAIR ITEMS:
    - REPOINTING BRICK – SQ. FT.
    - PATCH CONCRETE – SQ. FT.
    - PATCH STONE – SQ. FT.
    - REMOVE & REPLACE CAULKING – LFT.
    - REMOVE & REPLACE MORTAR – LFT.
    - REPLACE STONE UNIT – EA.
    - REPLACE MASONRY (BRICK) – SQ. FT.
    - REPLACE LIMESTONE LINTEL – EA.

FACADE CLEANING (KEYED NOTES 60, 61 & 62)
CLEANING BRICKWORK / MASONRY PROCEDURE:

PROCEDURE WILL BE TO PRE CLEAN THE ALGAE & DIRT BUILDUP (KEYED NOTE 60) & CORROSION STAINING (KEYED NOTE 61) BEFORE THE GENERAL FACADE CLEANING (KEYED NOTE 62).

PRIOR TO CLEANING:
- PROTECT ADJACENT MATERIALS AND DEVICES THAT MAY BE DAMAGED BY CLEANING.
- ENSURE THAT DURING THE CLEANING PROCESS THAT WINDOWS, DOORS, AIR CONDITIONERS & VENTS ARE CLOSED/COVERED TO PREVENT ANY AIRBORNE DEBRIS FROM ENTERING THE FACILITY. DUST SHALL BE MINIMIZED. ALL MECHANICAL LOUVERS SHALL BE FITTED WITH A DUCT SNORKEL TO MAINTAIN CURRENT AIR FLOWS DURING THE CLEANING PROCESS. REFER TO DETAILS & SPECS FOR MORE INFORMATION.
- TEST CLEANING METHOD AND MATERIALS ON A 4 SQ.FT. AREA, INCONSPICUOUS AREA FOR APPROVAL BY VA & ENGINEER.

FOR ALL CLEANING METHODS:
- TO BE REVIEWED BY VA GEMS COORDINATOR. PROVIDE THE VA GEMS COORDINATOR WITH A COPY OF PLAN(S) FOR DISPOSAL OF HAZARDOUS WASTE MATERIALS, INCLUDING A CURRENT PERMIT(S) OR LICENSE(S) FOR THE PROJECT DISPOSAL COMPANY, DISPOSAL SITE AND TRANSPORTERS.
- THE CLEANING METHODS AND MATERIALS MUST BE PART OF THE OVERALL HAZARD ANALYSIS AND SPECIFY APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.
- SELECT THE GENTLEST EFFECTIVE CLEANING METHOD
- DO NOT USE UN-BUFFERED MURIATIC ACID
- DO NOT USE HYDROFLUORIC ACID
- DO NOT USE COMPRESSED AIR TO CLEAN OUT BRICK MORTAR OR CONCRETE REPAIRS, VACUUM OR HAND REMOVE EXCESS MORTAR OR CONCRETE DUST AND DEBRIS.
- CLEAN FROM THE TOP OF WALL SECTION TO THE BOTTOM
- FOR CONSISTENT RESULTS, DO NOT OVERLAP AREAS BEING CLEANED
- PROVIDE A METHOD FOR CONTAINMENT AND DISPOSAL OF CONTAMINATED RUNOFF FROM THE CLEANING OPERATION. LEGALLY DISPOSE EFFLUENT AND CONTAMINATED MATERIALS OFF-SITE. THE CONTRACTOR OR SUBCONTRACTOR IS TO PERFORM ALL CLEANING AND CONTROL OF CONTAMINATED WATER PER STATE & FEDERAL REGULATIONS WHICH PROHIBIT DISCHARGES OF POLLUTANTS TO BODIES OF WATER, AND SHALL CAPTURE CLEANING PRODUCT RUNOFF AND RINSE WATER TO ASSURE NO DISCHARGE OF A NON-STORM WATER DISCHARGE AND/OR NO DISCHARGE OF POLLUTANTS TO THE EXISTING SEWER OR STORM SYSTEMS.
- NO OPEN BUCKETS OF CORROSIVE MATERIAL SHALL BE PERMITTED ON SCAFFOLDING. MIX SUCH MATERIALS ON THE GROUND, ROOF, OR THROUGH AN ANTE SYSTEM.

PRESSURIZED WATER CLEANING:
- LOW PRESSURE SPRAYING IS ACCEPTABLE WITH APPROVED SAFEGUARDS.
- DETERMINE APPROPRIATE WATER PRESSURE, NOZZLE TYPE AND DISTANCE BETWEEN WALL AND NOZZLE BY TRIAL CLEANING; MAINTAIN CONSISTENTLY THROUGHOUT CLEANING
- SATURATE THE AREA TO BE CLEANED AND BRICKWORK BELOW WITH WATER PRIOR TO APPLYING CLEANING SOLUTION, AND KEEP WET UNTIL FINAL RINSE.
- APPLY CLEANING SOLUTION BY BRUSH ONLY.
- DO NOT USE HIGH PRESSURE TO APPLY CORROSIVE CLEANING MATERIAL OR ANY OTHER CLEANING SOLUTION.
- DO NOT ALLOW CLEANING SOLUTION TO DRY ON BRICKWORK
- THOROUGHLY RINSE USING A LOW WATER PRESSURE HAVING A MAXIMUM PRESSURE OF 200 TO 300 PSI WITH A 25° FAN-SHAPED TIP
- THE USE OF A HIGHER PRESSURE (NO MORE THAN 1,000 PSI AND NO CLOSER THAN 3' AWAY FROM STRUCTURE) MAY BE USED WITH PERMISSION FROM THE VA COR AND VA SAFETY OFFICER. THE USE OF HIGHER PRESSURE WILL ONLY BE ALLOWED ON THE BRICK, MASONRY AND CONCRETE SURFACES AS IT WILL DAMAGE OTHER SURFACES SUCH AS THE LIMESTONE. ALL SURROUNDING AREAS MUST BE PROTECTED AT ALL TIMES.

WINDOW CLEANING:
- CLEAN WINDOW SURFACES AFTER PROTECTION IS REMOVED.

PERFORMANCE SPECIFICATION:

PRODUCTS LISTED BELOW WERE APPROVED & USED ON PRIOR PHASES OF WORK. CONTRACTOR MAY SUBMIT ON ANOTHER PRODUCT, THAT ARE EQUAL TO OR BETTER TO THESE SPECIFICATIONS, FOR APPROVAL PRIOR TO WORK. IF AN ALTERNATE IS PROVIDED, THE CONTRACTOR MUST PROVIDE A TEST SAMPLE THAT MEETS OR EXCEEDS THE REQUIREMENT OF PRIOR PHASES.

- PRODUCT D2 BIOLOGICAL SOLUTION WAS USED FOR THE OVERALL BUILDING PRE-WASH AS DEFINED ON DRAWINGS AS KEYED NOTE 62.
- PROSOCO 766 LIMESTONE & MASONRY PRE-WASH WAS USED ON HEAVIER STAINED AREAS AS DEFINED ON DRAWINGS AS KEYED NOTE 60.
- PROSOCO 800 STAIN REMOVER WAS USED ON RUST (METALLIC) STAINS AS DEFINED ON DRAWINGS AS KEYED NOTE 61.
- PROSOCO SURE KLEAN – REVEAL WAS USED AS A CLEANER ON STAINED STONE AREAS.
- PROSOCO ENVIRO KLEAN – REKLAIM WAS USED AS A CEANER ON STAINED STONE AREAS.
- EACOCHEM ONERESTORE RESTORATION DETERGENT WAS USED ON BRICK AND LIMESTONE AS AN OVERALL CLEANER.

SPECIAL INSPECTION:
SPECIAL INSPECTIONS SHALL BE PERFORMED PER SPECIFICATION 014535. ALL INSPECTIONS SHALL BE MADE IN ACCORDANCE WITH CHAPTER 17 OF THE 2020 NY BUILDING CODE, BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES TMS 402-11/ASCI 530-13/ASCE 5-11, LEVEL B AND LEVEL C QUALITY ASSURANCE FOR RISK CATEGORY IV STRUCTURES AND THE DEPARTMENT'S SPECIAL INSPECTION RULE.

THE FOLLOWING INSPECTIONS ARE REQUIRED:

INSPECTION TYPE – CODE REF.:

STRUCTURAL – MASONRY CONSTRUCTION – BC 1705.4
TMS 402-11/ASCI 530-13/ASCE 5-11 TABLE 3.1.2 AND 3.1.3.

SPECIAL INSPECTION MUST BE PERFORMED IN ALL PARAPET AREAS AND IN AREAS CONFORMING TO SPECIFICATIONS OF DIVISION 04 MASONRY.

PATIENT RISK GROUP FOR "TYPE D" CONSTRUCTION

MAJOR DEMOLITION AND CONSTRUCTION PROJECTS
- ACTIVITIES THAT REQUIRE CONSECUTIVE WORK SHIFTS
- REQUIRES HEAVY DEMOLITION OR REMOVAL OF A COMPLETE CABLING SYSTEM
- NEW CONSTRUCTION

LOW RISK GROUP	Class III / IV
MEDIUM RISK GROUP	Class IV
HIGH RISK GROUP	Class IV
HIGHEST RISK GROUP	Class IV

NOTES:
1. CONTRACTOR SHALL PROVIDE REQUIRED INFECTION CONTROL PRECAUTIONS AS SHOWN IN CHART FOR ALL WORK TO BE DONE UNDER THIS PROJECT.
2. IF AREA OF WORK IS IN QUESTION, COORDINATE WITH VA REPRESENTATIVE FOR CLASSIFICATION OF AREA.

CONSTRUCTION PHASING PLAN
30 WEEKS TOTAL

DURATION	DESCRIPTION
Weeks 1-6	Submittals
Week 7	Mobilization
Weeks 8-11	PHASE 1 (A-Wing Parapet)
Weeks 12-15	PHASE 2 (A-Wing Roof)
Weeks 16-18	PHASE 3 (A-Wing Cleaning & Repairs - AS-101)
Weeks 19-22	PHASE 4 (A-Wing Cleaning & Repairs - AS-102 & AS-103)
Week 23-24	PHASE 5 (Core Entrance Area Roof)
Weeks 25-29	PHASE 6 (B-Wing 11th Floor Chapel Area)
Week 30	Project Closeout: Including: Closeout Documents, demobilization, etc.

Project Duration: 210 Days

Notes:
1. Certain activities may be combined for expediency.
2. All phasing and work is subject to the owner occupancy schedule.
3. All work needs to be coordinated with the COR in advance.
4. There will be no re-mobilization cost permitted. All work must be completed in allotted time frame.
5. Refer to spec section 01 32 16.15 for more information on Project Scheduling Requirements.

Description of Required Infection Control Precautions by Class

	During Construction Project	Upon Completion of
Class III	1. Remove or isolate HVAC system in area where work is being done to prevent contamination of duct system.	1. Do not remove barriers from work area until completed project is inspected by the owner's Safety Department and Infection Control Department, and thoroughly cleaned by the owner's Environmental Services Department.
	2. Complete all critical barriers, i.e., sheetrock, plywood, plastic, to seal area from non-work area or implement control cube method (cart with plastic covering and sealed connection to work site with HEPA vacuum for vacuuming prior to exit) before construction begins.	2. Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction.
	3. Maintain negative air pressure within work site utilizing HEPA equipped air filtration units.	3. Vacuum work area with HEPA filtered vacuums.
	4. Contain construction waste before transport in tightly covered containers.	4. Wet mop area with disinfectant.
	5. Cover transport receptacles or carts. Tape covering unless solid lid.	5. Remove isolation of HVAC system in areas where work is being performed.
	6. All personnel entering work site are required to wear shoe covers. Shoe covers must be changed each time the worker exits the work area.	
	7. Do not remove barriers from work area until completed project is inspected by the owner's Safety Section and Infection Control Department, and thoroughly cleaned by the owner's Environment Services Department.	
Class IV	1. Remove or isolate HVAC system in area where work is being done to prevent contamination of duct system.	1. Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction.
	2. Complete all critical barriers, i.e., sheetrock, plywood, plastic, to seal area from non-work area or implement control cube method (cart with plastic covering and sealed connection to work site with HEPA vacuum for vacuuming prior to exit) before construction begins.	2. Contain construction waste before transportation in tightly covered containers.
	3. Maintain negative air pressure within work site utilizing HEPA equipped air filtration units.	3. Cover transport receptacles or carts. Tape covering unless solid lid.
	4. Contain construction waste before transport in tightly covered containers.	4. Vacuum work area with HEPA filtered vacuums.
	5. Cover transport receptacles or carts. Tape covering unless solid lid.	5. Wet mop area with disinfectant.
	6. All personnel entering work site are required to wear shoe covers. Shoe covers must be changed each time the worker exits the work area.	6. Remove isolation of HVAC system in areas where work is being performed.
	7. Do not remove barriers from work area until completed project is inspected by the owner's Safety Section and Infection Control Department, and thoroughly cleaned by the owner's Environment Services Department.	

ABBREVIATIONS

AC	AIR CONDITIONING UNIT
ACT	ACOUSTIC CEILING TILE
A.F.F.	ABOVE FINISHED FLOOR
AL	ALUMINUM
CAT.	CATALOG
CFM	CUBIC FEET PER MINUTE
CG	CEILING GRILLE
CLG	CEILING
CMU	CONCRETE MASONRY UNIT
DN.	DOWN
DWG	DRAWING
EA	EACH
E.C.	ELECTRICAL CONTRACTOR
ELEC.	ELECTRICAL
EQUIP.	EQUIPMENT
EXIST	EXISTING
FLR	FLOOR
FR	FIRE RESISTANT
FT	FEET OR FOOT
G.C.	GENERAL CONTRACTOR
GYB	GYPSUM BOARD
H.C.	HVAC CONTRACTOR
HDR	HEADER
LF	LINEAR FEET
MAX.	MAXIMUM
MIN.	MINIMUM
MTD	MOUNTED
MTG	MOUNTING
N.I.C.	NOT IN CONTRACT
NOM.	NOMINAL
NTS	NOT TO SCALE
O.C.	ON CENTER
PSF	POUNDS PER SQUARE FT.
PSI	POUNDS PER SQUARE IN.
P.T.	PRESSURE TREATED
REQ.	REQUIRED
RM.	ROOM
R.O.	ROUGH OPENING
SCHED.	SCHEDULE
SECT.	SECTION
SPEC.	SPECIFICATION
SYS.	SYSTEM
TYP.	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
VIF	VERIFY IN FIELD

ARCHITECTURAL LINE TYPES

EXISTING TO BE REMOVED
EXISTING TO REMAIN
NEW BEAM
NEW CONCRETE
NEW MILLWORK

LEGEND

INDICATES SECTION LETTER
INDICATES DRAWING NUMBER WHERE LOCATED
INDICATES ROOF AREAS NOT IN SCOPE
POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
POINT OF DISCONNECT
WINDOW TAG

100% CONSTRUCTION DOCUMENTS

Revisions	Date

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181 Church St., Suite 100, Poughkeepsie, NY 12601
t 845-454-9704; fx 855-320-8735

Drawing Title: PARTIAL KEY PLAN, PHASING NOTES, ICRA + GENERAL NOTES

Project Title: VA STRATTON FACADE A WING REPAIRS

Project Number: 528A8-21-812

Building Number: 1

Approved Engineering Manager: DEPT OF VETERANS AFFAIRS, NETWORK CONTRACTING OFFICE 2, 2875 UNION ROAD, SUITE 3500, CHEEKTOWAGA, NY 14227

Location: ALBANY, NY

Date: 10-25-24 | Checked: JDF | Drawn: SRB, SLB

Drawing Number: AS-001
Dwg. 6 of 20

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231

F:\2023\23-030 VA STRATTON FACADE, PHASE IA\PHASE IA - RE-BID SET (A WING & CHAPEL)\AS-001.dwg 10-23-24 11:46:36 AM jci

QUOTATION & REPAIR:

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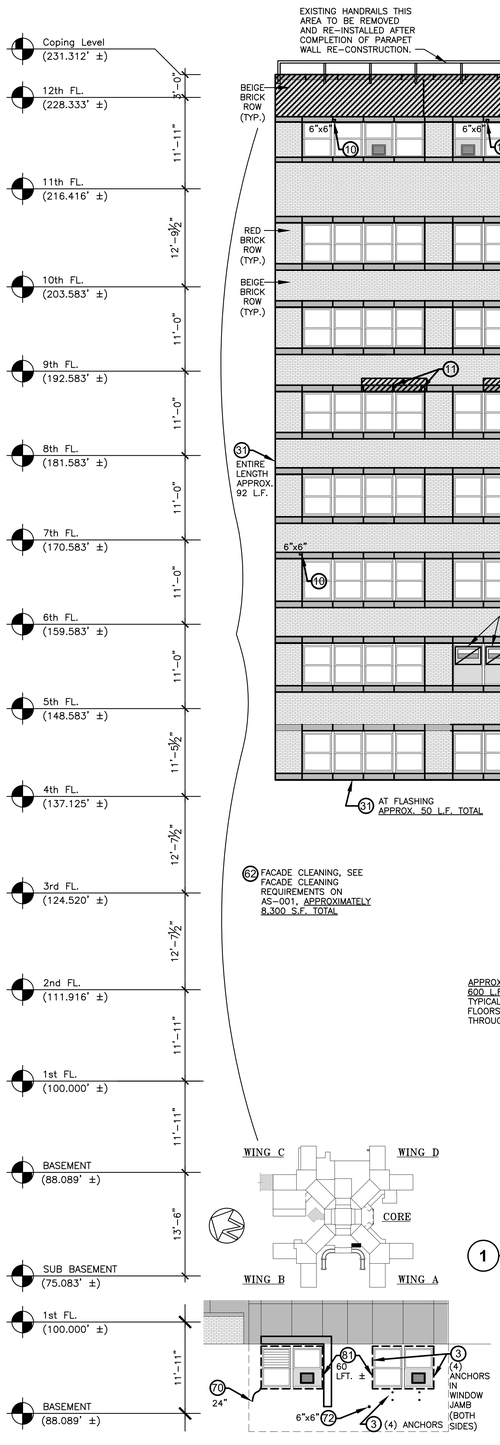
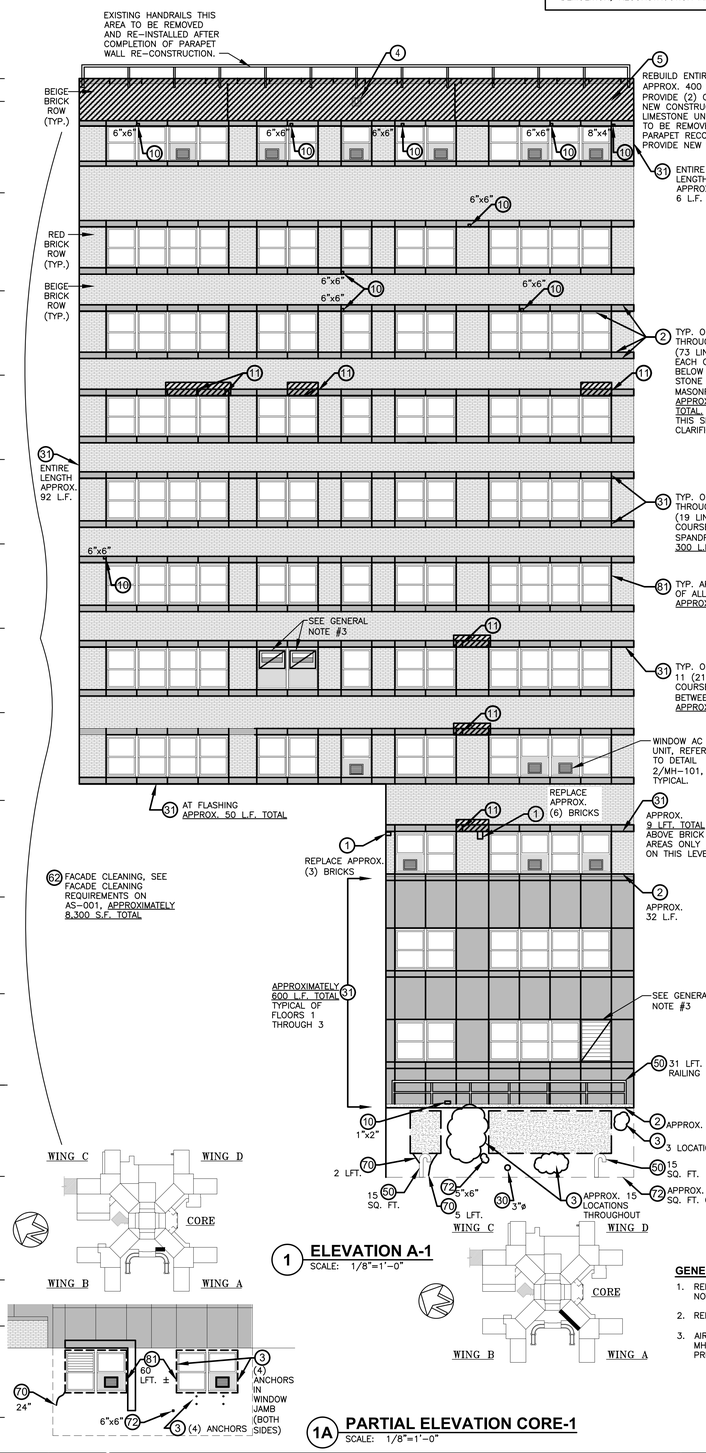
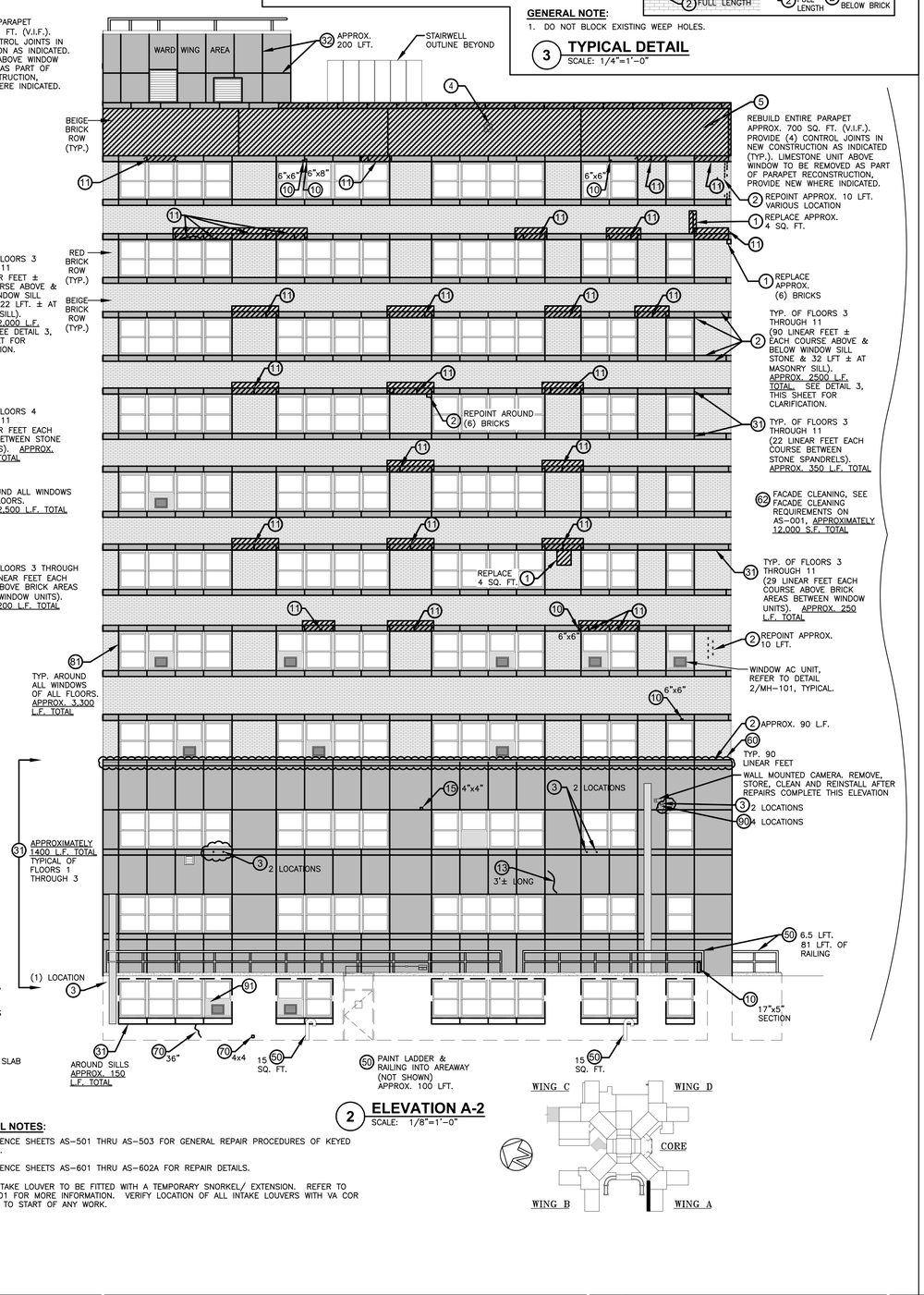




1 **ELEVATION A-1**
SCALE: 1/8"=1'-0"

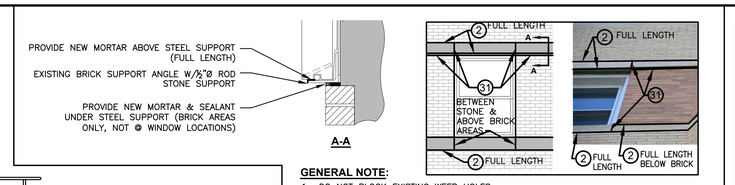


2 **ELEVATION A-2**
SCALE: 1/8"=1'-0"

1A **PARTIAL ELEVATION CORE-1**
SCALE: 1/8"=1'-0"

GENERAL NOTES:

1. REFERENCE SHEETS AS-501 THRU AS-503 FOR GENERAL REPAIR PROCEDURES OF KEYED NOTES.
2. REFERENCE SHEETS AS-601 THRU AS-602A FOR REPAIR DETAILS.
3. AIR INTAKE LOUVER TO BE FITTED WITH A TEMPORARY SNORKEL/ EXTENSION. REFER TO MH-101 FOR MORE INFORMATION. VERIFY LOCATION OF ALL INTAKE LOUVERS WITH VA COR PRIOR TO START OF ANY WORK.



GENERAL NOTE:

1. DO NOT BLOCK EXISTING WEEP HOLES.

3 **TYPICAL DETAIL**
SCALE: 1/4"=1'-0"

KEYED NOTE LEGEND

	REPAIR PROCEDURE & DETAILS	DESCRIPTION
MASONRY		
1	1/AS-501 & 1/AS-602	REPLACE CRACKED, BROKEN OR SPALLED MASONRY
2	2/AS-501 & 2/AS-602	REPOINT OPEN MASONRY JOINTS, STEP CRACKS OR UNBOUNDED & MISSING MORTAR
3	3/AS-501	REMOVE ABANDONED ANCHORS/FASTENERS & FILL VOID
4	4/AS-501 & 8A, 8B & 8C/AS-602	PROVIDE NEW SCUPPER
5	5/AS-501 & 9 & 9A/AS-602	REMOVE & REBUILD PARAPET WALL & BRICK VENEER
STONE		
10	10/AS-501 & 6/AS-602	PATCH STONE UNIT
11	11/AS-501 & 7/AS-602	REPLACE STONE UNIT & BRICK
12		NOT USED
13	13/AS-501 & 16/AS-602	PATCH CRACKED STONE UNIT
14		NOT USED
15	15/AS-501 & 16/AS-602	REPAIR SPALLED STONE OR INSUFFICIENT PAST STONE REPAIR
SEALANT		
30	30/AS-501 & 10-12/AS-602	REPLACE OR ADD NEW SEALANT
31	31/AS-501 & 3/AS-602	REMOVE & REPLACE MORTAR & SEALANT
32	32/AS-501 & 3A/AS-602	REMOVE & REPLACE BACKER ROD & SEALANT
LINTELS / SHELF ANGLES		
41	41/AS-502 & 4,5&13/AS-602	RESET DISPLACED LINTEL
42	42/AS-502 & 5&6/AS-602A	DAMAGED / CORRODED LINTEL AND PLATE STEEL FILLER STRIP
METAL WORK		
50	50/AS-502	CLEAN & REPAINT CORROSION AT EXPOSED METAL ELEMENTS (COLUMNS, STAIRS & LADDERS, RAILINGS, ETC.)
51		REPLACE LOUVER WITH ALUMINUM
CLEANING		
60	60/AS-502	CLEAN ALGAE & DIRT BUILDUP
61	61/AS-502	CLEAN CORROSION STAINING ON SURFACE
62	62/AS-502	GENERAL FACADE CLEANING
CONCRETE		
70	70/AS-502	SEAL CRACKS IN EXPOSED CONCRETE IN LIGHT WELLS
71		NOT USED.
72	72/AS-502	REPAIR SPALLED CONCRETE DUE TO REINFORCEMENT DETERIORATION
WINDOWS		
80		NOT USED.
81	81/AS-502	REPLACE WINDOW SEALANT, MISSING OR INSUFFICIENT
MISCELLANEOUS		
90	90/AS-502	SEAL ROUND ANCHORS
91	91/AS-502 & 15/AS-602	REMOVE PLYWOOD AROUND A/C UNIT
92	92/AS-502	REMOVE STAINLESS STEEL WIREWAY AND REPLACE WITH NEW AFTER STONE SEALANT INSTALLED
ROOF		
100	100/AS-502 & 4&7/AS-603	ROOF REPAIR AREA
101	101/AS-502 & 11/AS-603	REPAIR PITCH POCKET
102		NOT USED
103	103/AS-502 & 3,4&7/AS-603	REPAIR PONDING AREAS ON ROOF
ROOF EQUIPMENT		
110	110/AS-502 & 10/AS-603	REPAIR ROOF DRAIN OF CORROSION & DETERIORATION
111	111/AS-502 & 3-5/AS-604	AIR TERMINAL / CABLING / GROUNDING IS DAMAGED / BROKEN OR MISSING, PROVIDE NEW

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Revisions	Date

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Drawing Title	A-WING ELEVATIONS A-1 + A-2
Project Title	VA STRATTON FACADE A WING REPAIRS
Project Number	528A8-21-812
Building Number	1
Approved Engineering Manager	DEPT OF VETERANS AFFAIRS NETWORK CONTRACTING OFFICE 2 2875 UNION ROAD, SUITE 3500 CHEEKTOWAGA, NY 14227
Location	ALBANY, NY
Date	10-25-24
Checked	JDF
Drawn	SRB, SLB
Drawing Number	AS-101
Dwg.	7 of 20

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231

QUOTATION & REPAIR:

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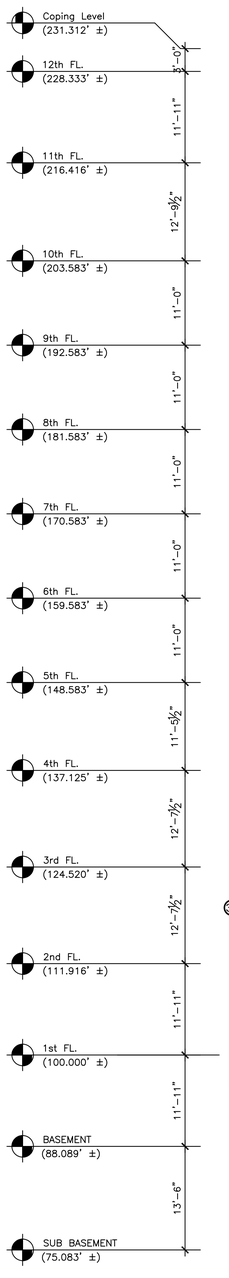
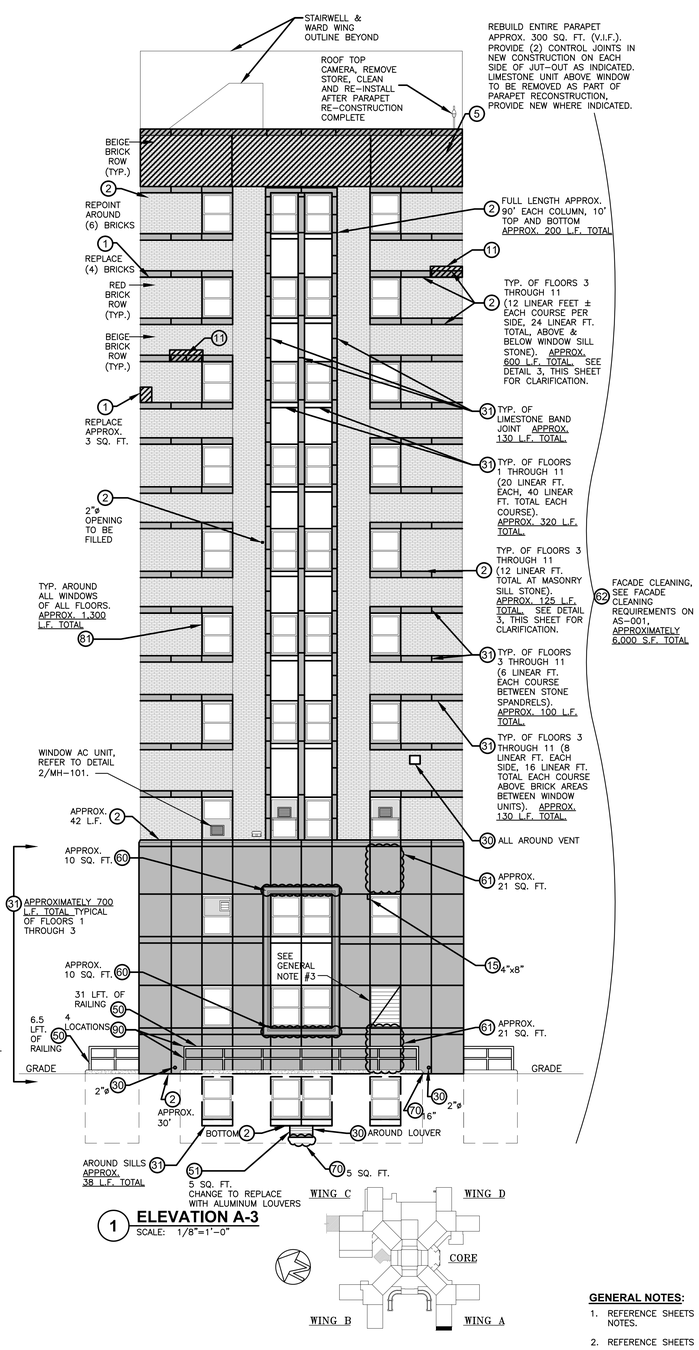
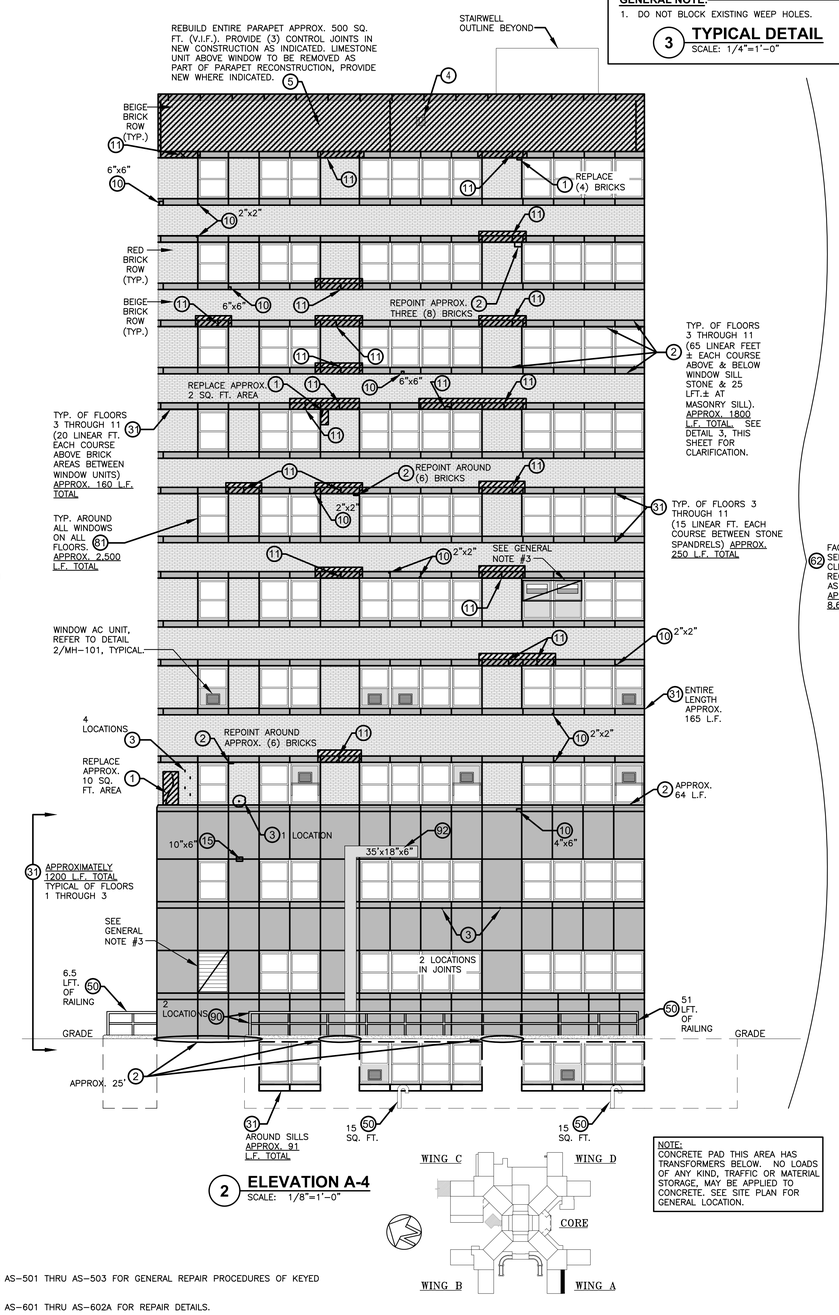


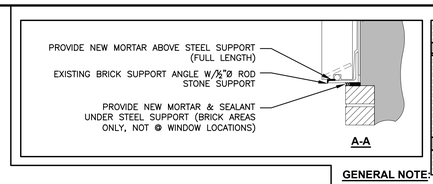


1 **ELEVATION A-3**
SCALE: 1/8"=1'-0"



2 **ELEVATION A-4**
SCALE: 1/8"=1'-0"

NOTE:
CONCRETE PAD THIS AREA HAS TRANSFORMERS BELOW. NO LOADS OF ANY KIND, TRAFFIC OR MATERIAL STORAGE, MAY BE APPLIED TO CONCRETE. SEE SITE PLAN FOR GENERAL LOCATION.



GENERAL NOTE:

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3 **TYPICAL DETAIL**
SCALE: 1/4"=1'-0"

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3	3/AS-501	REMOVE ABANDONED ANCHORS/FASTENERS & FILL VOID
4	4/AS-501 & 8A, 8B & 8C/AS-602	PROVIDE NEW SCUPPER
5	5/AS-501 & 9 & 9A/AS-602	REMOVE & REBUILD PARAPET WALL & BRICK VENEER
STONE		
10	10/AS-501 & 6/AS-602	PATCH STONE UNIT
11	11/AS-501 & 7/AS-602	REPLACE STONE UNIT & BRICK
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Drawing Title: A-WING ELEVATIONS A-3 + A-4

Project Title: VA STRATTON FACADE A WING REPAIRS

Project Number: 528A8-21-812

Building Number: 1

Approved Engineering Manager: DEPT OF VETERANS AFFAIRS NETWORK CONTRACTING OFFICE 2 2875 UNION ROAD, SUITE 3500 CHEEKTOWAGA, NY 14227

Location: ALBANY, NY

Date: 10-25-24 | Checked: JDF | Drawn: SRB, SLB

Drawing Number: AS-102
Dwg. 8 of 20

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231

F:\2023\23-030 VA STRATTON FACADE, PHASE IA\PHASE IA - RE-BID SET (A WING & CHAPEL)\AS-101 THRU 1-AS-103 (A WING FACADE).dwg 10-23-24 11:46:50 AM jcl

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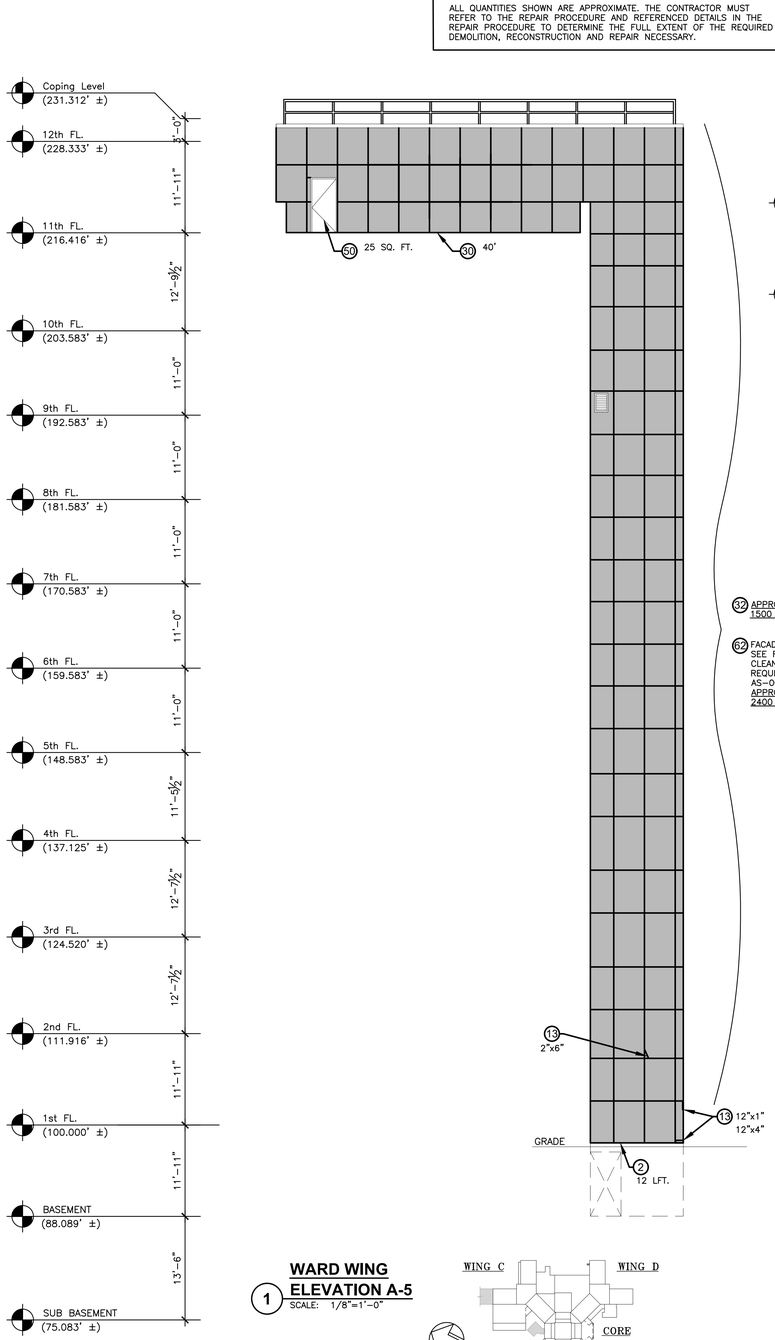
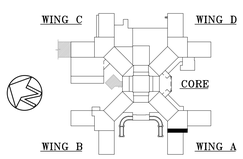
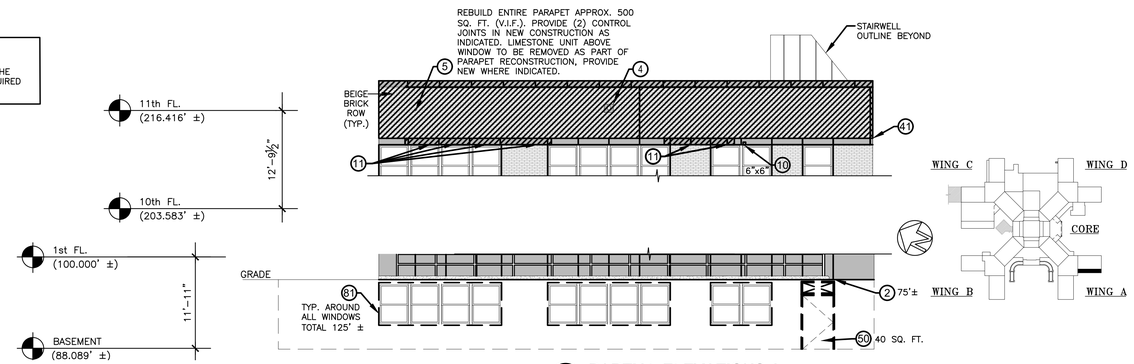


1 WARD WING ELEVATION A-5

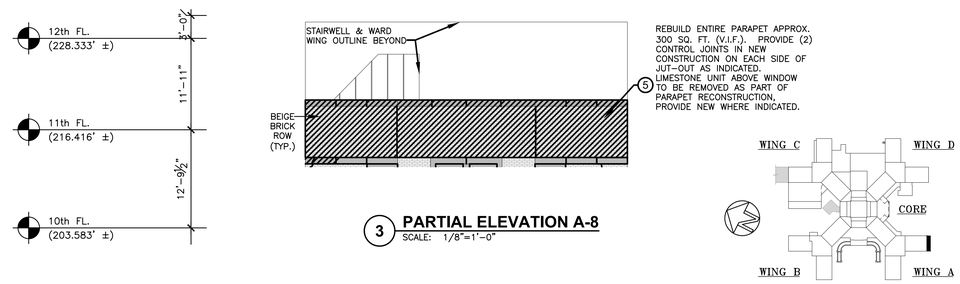
SCALE: 1/8"=1'-0"





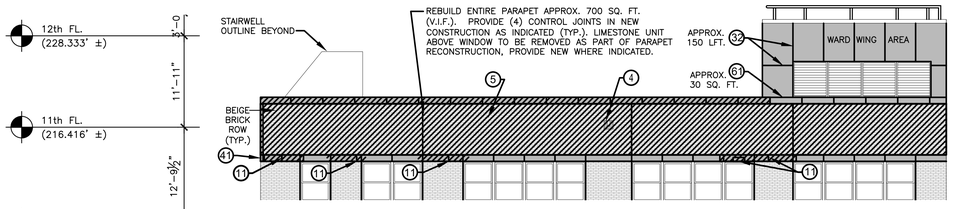
2 PARTIAL ELEVATIONS A-7

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



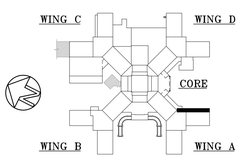
3 PARTIAL ELEVATION A-8

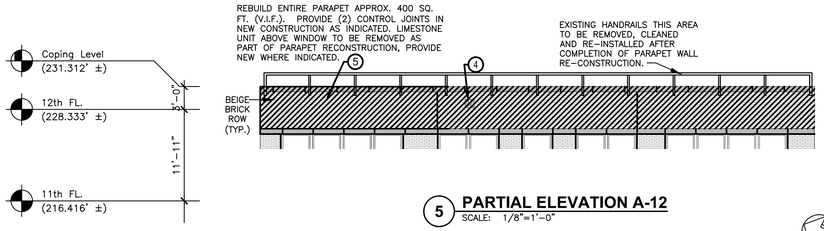
SCALE: 1/8"=1'-0"



4 PARTIAL ELEVATION A-9

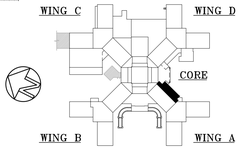
SCALE: 1/8"=1'-0"





5 PARTIAL ELEVATION A-12

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



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MASONRY		
1	1/AS-501 & 1/AS-602	REPLACE CRACKED, BROKEN OR SPALLED MASONRY
2	2/AS-501 & 2/AS-602	REPOINT OPEN MASONRY JOINTS, STEP CRACKS OR UNBOUNDED & MISSING MORTAR
3	3/AS-501	REMOVE ABANDONED ANCHORS/FASTENERS & FILL VOID
4	4/AS-501 & 8A, 8B & 8C/AS-602	PROVIDE NEW SCUPPER
5	5/AS-501 & 9 & 9A/AS-602	REMOVE & REBUILD PARAPET WALL & BRICK VENEER
STONE		
10	10/AS-501 & 6/AS-602	PATCH STONE UNIT
11	11/AS-501 & 7/AS-602	REPLACE STONE UNIT & BRICK
12		NOT USED
13	13/AS-501 & 16/AS-602	PATCH CRACKED STONE UNIT
14		NOT USED
15	15/AS-501 & 16/AS-602	REPAIR SPALLED STONE OR INSUFFICIENT PAST STONE REPAIR
SEALANT		
30	30/AS-501 & 10-12/AS-602	REPLACE OR ADD NEW SEALANT
31	31/AS-501 & 3/AS-602	REMOVE & REPLACE MORTAR & SEALANT
32	32/AS-501 & 3A/AS-602	REMOVE & REPLACE BACKER ROD & SEALANT
LINTELS / SHELF ANGLES		
41	41/AS-502 & 4,5&13/AS-602	RESET DISPLACED LINTEL
42	42/AS-502 & 5&6/AS-602A	DAMAGED / CORRODED LINTEL AND PLATE STEEL FILLER STRIP
METAL WORK		
50	50/AS-502	CLEAN & REPAINT CORROSION AT EXPOSED METAL ELEMENTS (COLUMNS, STAIRS & LADDERS, RAILINGS, ETC.)
51		REPLACE LOUVER WITH ALUMINUM
CLEANING		
60	60/AS-502	CLEAN ALGAE & DIRT BUILDUP
61	61/AS-502	CLEAN CORROSION STAINING ON SURFACE
62	62/AS-502	GENERAL FACADE CLEANING
CONCRETE		
70	70/AS-502	SEAL CRACKS IN EXPOSED CONCRETE IN LIGHT WELLS
71		NOT USED.
72	72/AS-502	REPAIR SPALLED CONCRETE DUE TO REINFORCEMENT DETERIORATION
WINDOWS		
80		NOT USED.
81	81/AS-502	REPLACE WINDOW SEALANT, MISSING OR INSUFFICIENT
MISCELLANEOUS		
90	90/AS-502	SEAL ROUND ANCHORS
91	91/AS-502 & 15/AS-602	REMOVE PLYWOOD AROUND A/C UNIT
92	92/AS-502	REMOVE STAINLESS STEEL WIREWAY AND REPLACE WITH NEW AFTER STONE SEALANT INSTALLED
ROOF		
100	100/AS-502 & 4&7/AS-603	ROOF REPAIR AREA
101	101/AS-502 & 11/AS-603	REPAIR PITCH POCKET
102		NOT USED
103	103/AS-502 & 3,4&7/AS-603	REPAIR PONDING AREAS ON ROOF
ROOF EQUIPMENT		
110	110/AS-502 & 10/AS-603	REPAIR ROOF DRAIN OF CORROSION & DETERIORATION
111	111/AS-502 & 3-5/AS-604	AIR TERMINAL / CABLING / GROUNDING IS DAMAGED / BROKEN OR MISSING, PROVIDE NEW

100% CONSTRUCTION DOCUMENTS

Revisions	Date

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ISSUED 1992; EXP. 9/25

ARCHITECT/ENGINEERS:

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

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181 Church St., Suite 100, Poughkeepsie, NY 12601
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Drawing Title: A-WING ELEVATIONS A-5 + PARTIAL ELEVATIONS A-7, A-8, A-9 + A-12

Approved Engineering Manager: DEPT OF VETERANS AFFAIRS, NETWORK CONTRACTING OFFICE 2, 2875 UNION ROAD, SUITE 3500, CHEEKTOWAGA, NY 14227

Project Title: VA STRATTON FACADE A WING REPAIRS

Location: ALBANY, NY

Date: 10-25-24 | Checked: JDF | Drawn: SRB, SLB

Project Number: 528A8-21-812

Building Number: 1

Drawing Number: AS-103

Dwg. 9 of 20

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

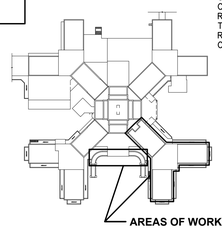
FJ2023\23-030 VA STRATTON FACADE, PHASE IA PHASE IA - RE-BID SET (A WING & CHAPEL)\AS-101 THRU 1-AS-103 (A WING FACADE).dwg 10-23-24 11:47:26 AM jci

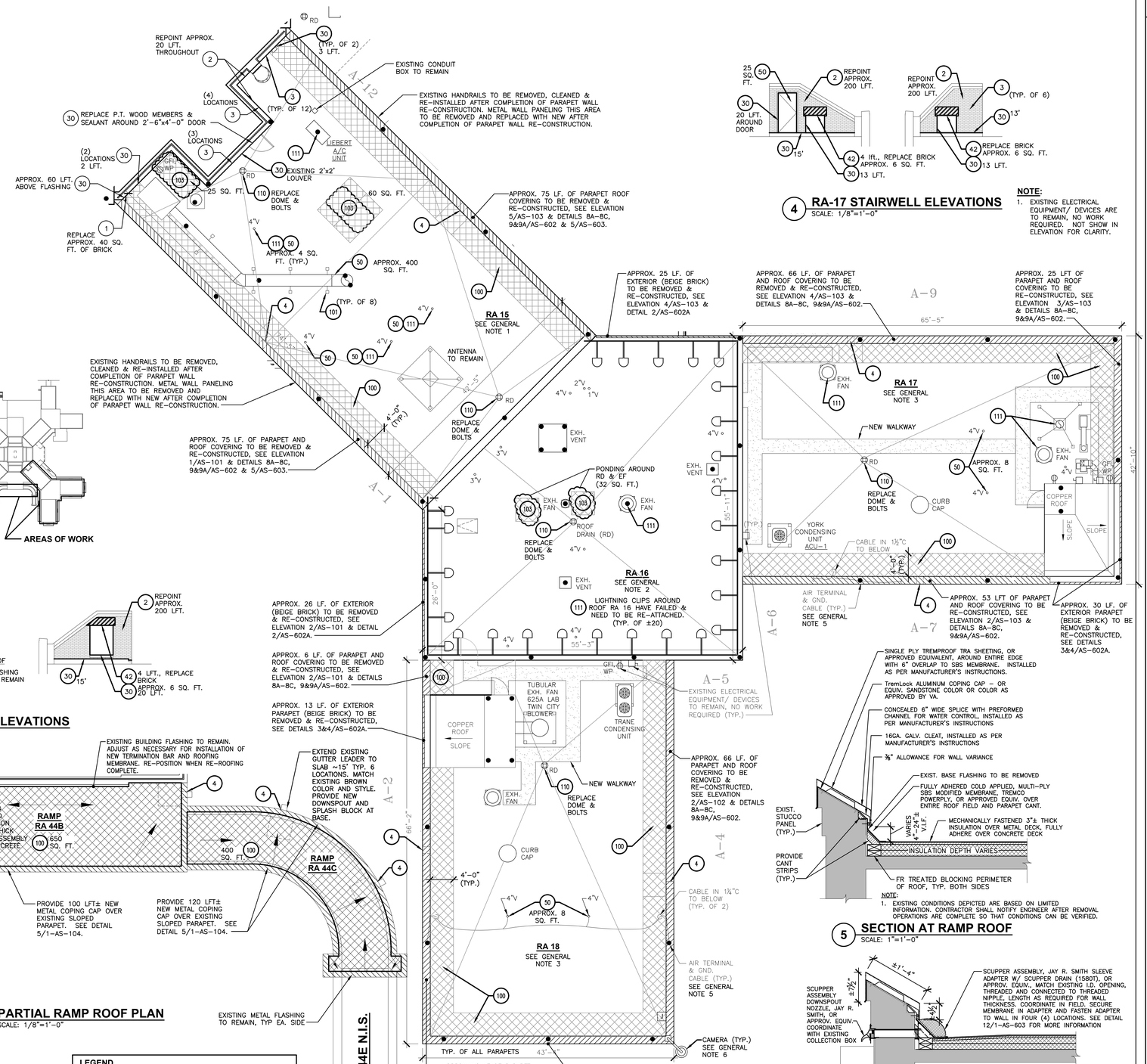
GENERAL NOTES:

1. ROOF AREA RA15 IS UNDER GARLAND ROOFING MANUFACTURER WARRANTY – ROOFING SURFACE REPAIR TO BE AS PER MANUFACTURER'S SPECIFICATIONS. MANUFACTURER REPRESENTATIVE TO BE PRESENT DURING INSTALLATION AND APPROVE TO MAINTAIN CONTINUOUS WARRANTY.
2. ROOF AREA RA16 IS UNDER CARLISLE ROOFING MANUFACTURER WARRANTY – ROOFING SURFACE REPAIR TO BE AS PER MANUFACTURER'S SPECIFICATIONS. MANUFACTURER REP TO BE PRESENT DURING INSTALLATION AND APPROVE TO MAINTAIN CONTINUOUS WARRANTY.
3. ROOF AREAS RA17 & RA18 ARE UNDER TREMCO ROOFING MANUFACTURER WARRANTY. REMOVED AREA AROUND PARAPET TO BE REPLACED AND RESURFACED WITH TREMCO PRODUCT TO MAINTAIN WARRANTY.
4. TEMPORARY LIGHTNING PROTECTION MUST BE PROVIDED IN AREAS OF PARAPET UNDERGOING REPAIR.
5. LIGHTNING PROTECTION IN PARAPET REPAIR AREAS TO BE REINSTALLED AND TESTED AFTER PARAPET REPAIR IS COMPLETE.
6. EXISTING CAMERAS IN PARAPET REPAIR AREAS TO BE TEMPORARILY RELOCATED DURING PARAPET REPAIR. RE-INSTALL IN ORIGINAL LOCATION AFTER PARAPET REPAIR COMPLETE.
7. BASIS OF DESIGN FOR ROOFING MATERIALS ARE CARLISLE, GARLAND AND TREMCO PRODUCTS, OR APPROVED EQUIVALENT. ALL PRODUCTS USED SHALL BE COMPATIBLE WITH THE EXISTING SUBSTRATES UNDER REPAIR AND EXISTING ROOFING WARRANTEES MUST BE MAINTAINED. PRODUCTS SHALL ALSO BE COMPATIBLE WITH ANY FUTURE BASIS OF DESIGN PRODUCT WARRANTY.

LEGEND

- PORTION OF ROOFING ASSEMBLY TO BE REMOVED, NEW POLYISO INSULATION AND NEW ROOFING INSTALLED, SEE DETAILS 4&7/AS-603.
- PORTION OF PARAPET TO BE REMOVED AND RECONSTRUCTED
- 30" WIDE WALKWAY OF SLIP RESISTANT EMBEDDED SAND IN ALPHAGUARD BIO TOP COAT, OR EQUIVALENT IN DISTINGUISHING COLOR OF BEIGE, OR AS SELECTED BY VA.

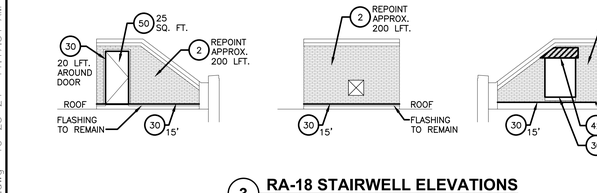




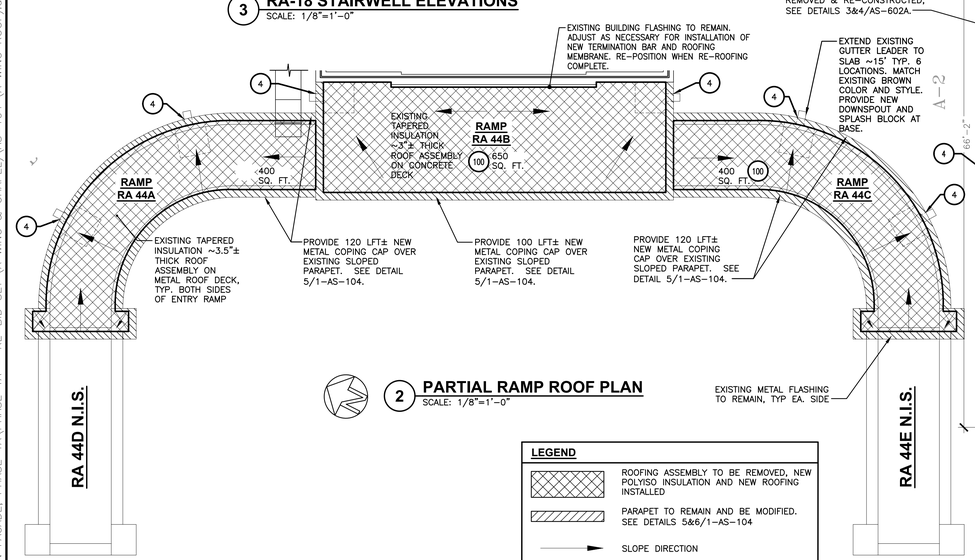
1 A-WING ROOF PLAN
SCALE: 1/8"=1'-0"

4 RA-17 STAIRWELL ELEVATIONS
SCALE: 1/8"=1'-0"

NOTE:
1. EXISTING ELECTRICAL EQUIPMENT/ DEVICES ARE TO REMAIN, NO WORK REQUIRED. NOT SHOW IN ELEVATION FOR CLARITY.



3 RA-18 STAIRWELL ELEVATIONS
SCALE: 1/8"=1'-0"



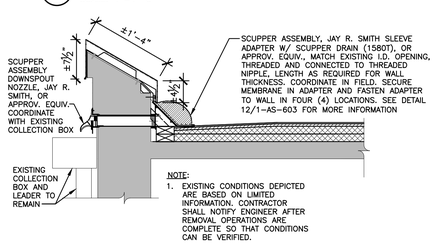
2 PARTIAL RAMP ROOF PLAN
SCALE: 1/8"=1'-0"

LEGEND

- ROOFING ASSEMBLY TO BE REMOVED, NEW POLYISO INSULATION AND NEW ROOFING INSTALLED
- PARAPET TO REMAIN AND BE MODIFIED. SEE DETAILS 5&6/1-AS-104
- SLOPE DIRECTION

NOTE:
1. EXISTING CONDITIONS DEPICTED ARE BASED ON LIMITED INFORMATION. CONTRACTOR SHALL NOTIFY ENGINEER AFTER REMOVAL OPERATIONS ARE COMPLETE SO THAT CONDITIONS CAN BE VERIFIED.

5 SECTION AT RAMP ROOF
SCALE: 1"=1'-0"



NOTE:
1. EXISTING CONDITIONS DEPICTED ARE BASED ON LIMITED INFORMATION. CONTRACTOR SHALL NOTIFY ENGINEER AFTER REMOVAL OPERATIONS ARE COMPLETE SO THAT CONDITIONS CAN BE VERIFIED.

6 SCUPPER AREA AT RAMP ROOF
SCALE: 1"=1'-0"

KEYED NOTE LEGEND

	REPAIR PROCEDURE & DETAILS	DESCRIPTION
MASONRY		
1	1/AS-501 & 1/AS-602	REPLACE CRACKED, BROKEN OR SPALLED MASONRY
2	2/AS-501 & 2/AS-602	REPOINT OPEN MASONRY JOINTS, STEP CRACKS OR UNBOUNDED & MISSING MORTAR
3	3/AS-501	REMOVE ABANDONED ANCHORS/FASTENERS & FILL VOID
4	4/AS-501 & 8A, 8B & 8C/AS-602	PROVIDE NEW SCUPPER
5	5/AS-501 & 9 & 9A/AS-602	REMOVE & REBUILD PARAPET WALL & BRICK VENEER
STONE		
10	10/AS-501 & 6/AS-602	PATCH STONE UNIT
11	11/AS-501 & 7/AS-602	REPLACE STONE UNIT & BRICK
12		NOT USED
13	13/AS-501 & 16/AS-602	PATCH CRACKED STONE UNIT
14		NOT USED
15	15/AS-501 & 16/AS-602	REPAIR SPALLED STONE OR INSUFFICIENT PAST STONE REPAIR
SEALANT		
30	30/AS-501 & 10-12/AS-602	REPLACE OR ADD NEW SEALANT
31	31/AS-501 & 3/AS-602	REMOVE & REPLACE MORTAR & SEALANT
32	32/AS-501 & 3A/AS-602	REMOVE & REPLACE BACKER ROD & SEALANT
LINTELS / SHELF ANGLES		
41	41/AS-502 & 4,5&13/AS-602	RESET DISPLACED LINTEL
42	42/AS-502 & 5&6/AS-602A	DAMAGED / CORRODED LINTEL AND PLATE STEEL FILLER STRIP
METAL WORK		
50	50/AS-502	CLEAN & REPAINT CORROSION AT EXPOSED METAL ELEMENTS (COLUMNS, STAIRS & LADDERS, RAILINGS, ETC.)
51		REPLACE LOUVER WITH ALUMINUM
CLEANING		
60	60/AS-502	CLEAN ALGAE & DIRT BUILDUP
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CONCRETE		
70	70/AS-502	SEAL CRACKS IN EXPOSED CONCRETE IN LIGHT WELLS
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80		NOT USED.
81	81/AS-502	REPLACE WINDOW SEALANT, MISSING OR INSUFFICIENT
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90	90/AS-502	SEAL ROUND ANCHORS
91	91/AS-502 & 15/AS-602	REMOVE PLYWOOD AROUND A/C UNIT
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ROOF		
100	100/AS-502 & 4&7/AS-603	ROOF REPAIR AREA
101	101/AS-502 & 11/AS-603	REPAIR PITCH POCKET
102		NOT USED
103	103/AS-502 & 3,4&7/AS-603	REPAIR PONDING AREAS ON ROOF
ROOF EQUIPMENT		
110	110/AS-502 & 10/AS-603	REPAIR ROOF DRAIN OF CORROSION & DETERIORATION
111	111/AS-502 & 3-5/AS-604	AIR TERMINAL / CABLING / GROUNDING IS DAMAGED / BROKEN OR MISSING, PROVIDE NEW

100% CONSTRUCTION DOCUMENTS

Revisions	Date

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STATE OF NEW YORK · JOHN DANIEL FELLENZER · 069373 · LICENSED PROFESSIONAL ENGINEER
NY PROFESSIONAL ENGINEER NO. 069373-1
ISSUED 1992; EXP. 9/25

ARCHITECT/ENGINEERS:

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

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Drawing Title: A-WING RA 15, 16, 17, 18 + CORE RAMP RA 44A, 44B, 44C ROOF PLANS

Approved Engineering Manager: DEPT OF VETERANS AFFAIRS, NETWORK CONTRACTING OFFICE 2, 2875 UNION ROAD, SUITE 3500, CHEEKTOWAGA, NY 14227

Project Title: VA STRATTON FACADE A WING REPAIRS

Location: ALBANY, NY

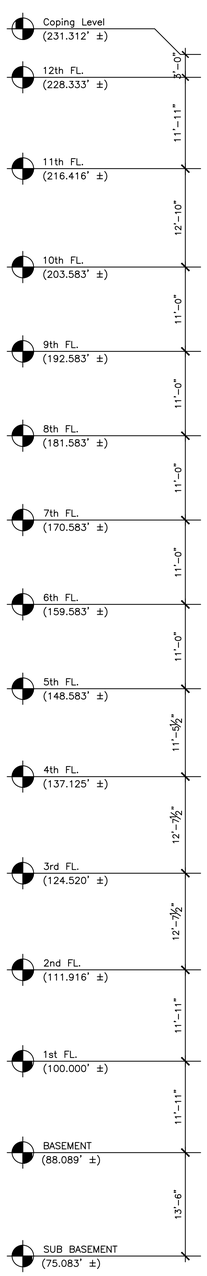
Date: 10-25-24 | Checked: JDF | Drawn: SRB, SLB

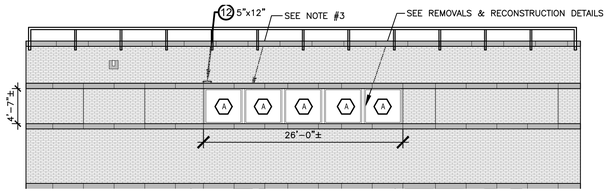
Project Number: 528A8-21-812
Building Number: 1
Drawing Number: AS-104
Dwg. 10 of 20

Office of Construction and Facilities Management
Department of Veterans Affairs

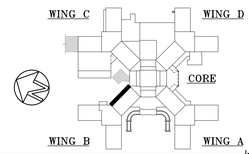
VA FORM 08-6231

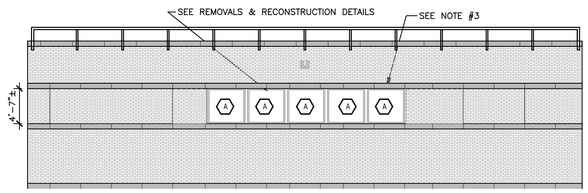
F:\2023\23-030 VA STRATTON FACADE, PHASE 1A\PHASE 1A - RE-BID SET (A WING & CHAPEL)\AS-104 (A WING ROOF).dwg 10-23-24 11:47:34 AM jci



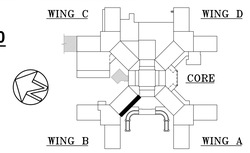


1 PARTIAL ELEVATION B-1
SCALE: 1/8"=1'-0"



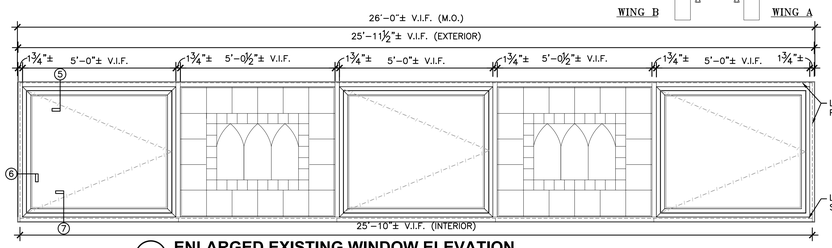


2 ELEVATION B-10
SCALE: 1/8"=1'-0"

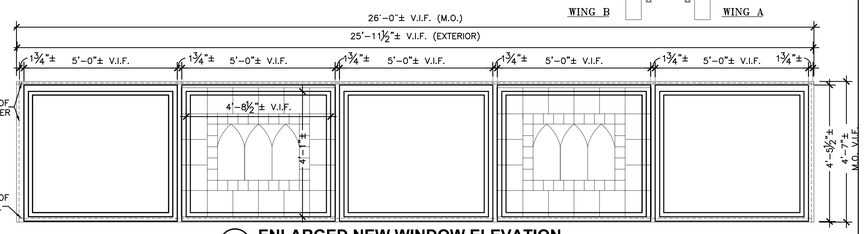


GENERAL NOTES:

1. ALL SEALANT IN STONE UNIT JOINTS IN NEED OF REPLACEMENT. UPON REMOVAL OF EXISTING SEALANT, CONTRACTOR TO CONFIRM MORTAR JOINTS ARE INTACT PRIOR TO RE-INSTALLATION OF SEALANT. REPAIR AS NECESSARY.
2. FACADES TO BE CLEANED AFTER WINDOW REPLACEMENT.
3. DAMAGED LINTEL & FILLER PLATE TO BE REPAIRED. SEE STRUCTURAL DRAWINGS FOR MORE INFORMATION.
4. INSTALL NEW WINDOWS AFTER STRUCTURAL REPAIRS COMPLETE.
3. PAINT, PRIME & SEAL ALL EXPOSED LINTELS ABOVE 11TH FLOOR (TYP.)
4. REFERENCE SHEETS AS-501 THRU AS-503 FOR GENERAL REPAIR PROCEDURES OF DEFECTS AS SHOWN.



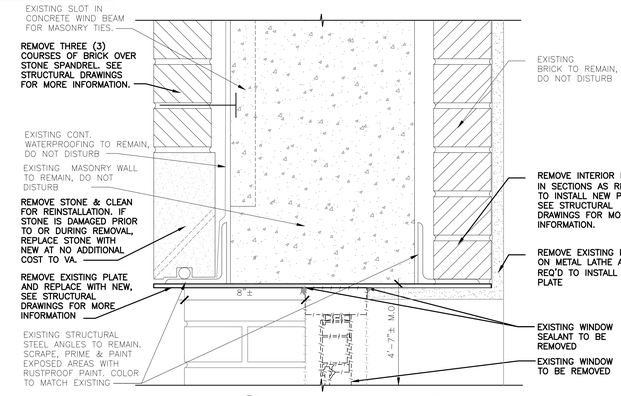
3 ENLARGED EXISTING WINDOW ELEVATION
SCALE: 1/2"=1'-0"



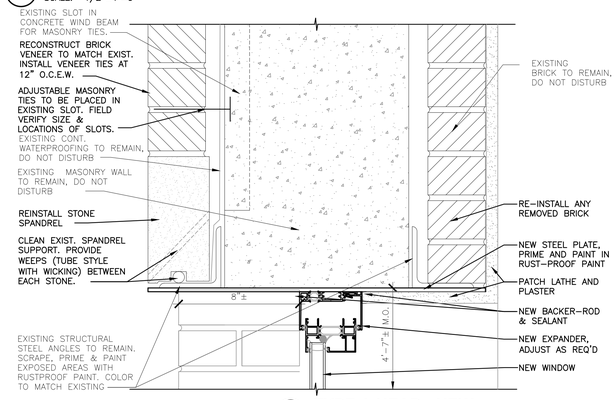
4 ENLARGED NEW WINDOW ELEVATION
SCALE: 1/2"=1'-0"

GENERAL WINDOW NOTES:

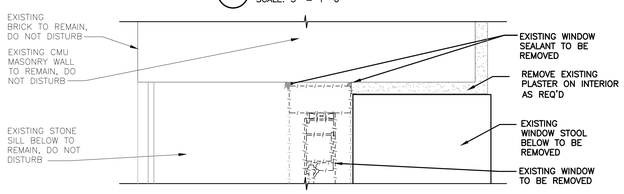
1. WINDOWS SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND INSTRUCTIONS.
2. INSTALLER SHALL POSSESS AN UNDERSTANDING OF WALL CONSTRUCTION, AND OF WINDOW AND JOINT SEALANT INSTALLATION.
3. INTREGITY OF EXISTING VAPOR BARRIER SYSTEM AND MEMBRANE/DRAINAGE SYSTEMS SHALL BE MAINTAINED DURING AND AFTER WINDOW INSTALLATION. REPAIR OR REPLACE ANY DAMAGED BARRIER SYSTEM TO PROVIDE WEATHER-TIGHT SEAL.
4. DO NOT BLOCK EXISTING OR NEW WEEP HOLES.
5. WINDOW SHALL BE ANCHORED IN PLACE AS PER MANUFACTURERS RECOMMENDATIONS.
6. EXTERIOR STONE SILL SHALL REMAIN IN PLACE. DO NOT DISTURB.
7. NEW SOLID SURFACE STOOLS SHALL BE INSTALLED IN ALL REPLACED WINDOW AREAS. SEE FINISH SCHEDULE.
8. ALL DEBRIS FROM WINDOW REMOVAL AND REPLACEMENT SHALL BE REMOVED FROM AREA AND AREA CLEANED UPON COMPLETION.
9. ANY DAMAGE DONE TO BUILDING OR SITE DURING WINDOW REPLACEMENT SHALL BE REPAIRED AT NO ADDITIONAL COST.



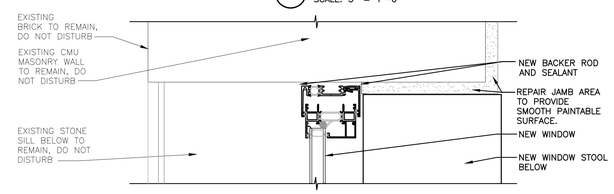
5 TYPE A HEAD - DEMO
SCALE: 3" = 1'-0"



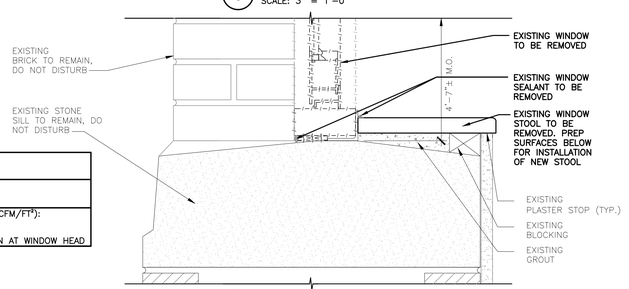
8 TYPE A HEAD - NEW
SCALE: 3" = 1'-0"



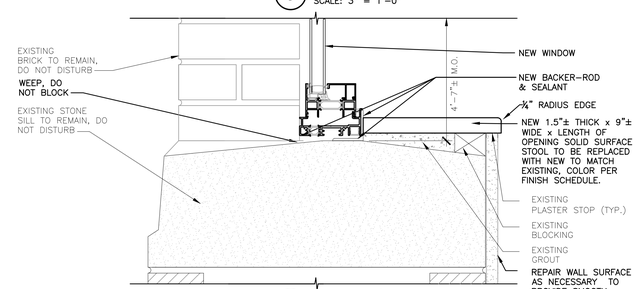
6 TYPE A JAMB - DEMO
SCALE: 3" = 1'-0"



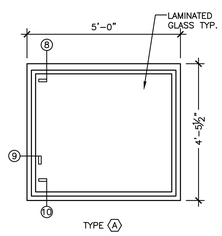
9 TYPE A JAMB - NEW
SCALE: 3" = 1'-0"



7 TYPE A SILL - DEMO
SCALE: 3" = 1'-0"



10 TYPE A SILL - NEW
SCALE: 3" = 1'-0"



ELEVATIONS
SCALE: 1/2" = 1'-0"

EXTERIOR WINDOW SCHEDULE

TYPE MARK	DESCRIPTION	WIDTH	HEIGHT	FRAME MATERIAL	FRAME FINISH INT/EXT	GLAZING	MANUFACTURER AND MODEL	REMARKS
(A)	FIXED	5'-0"± V.I.F.	4'-2.5"± V.I.F.	ALUM.	ALUM., ANODIZED	LOW E U-FACTOR .38 SHGC 0.38	KAWNEER AA4325 ULTRA THERMAL WINDOWS (FIXED)	MAX. AIR LEAKAGE RATE (CFM/FT²): WINDOWS .20 CURTAIN WALL .06 ALLOW FOR 1" DEFLECTION AT WINDOW HEAD

GENERAL NOTES:
1. CONTRACTOR TO V.I.F. ALL DIMENSIONS IN FIELD.
2. REMOVE EXISTING WINDOW, PROVIDE AND REPLACE WITH NEW.
3. INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
4. PROVIDE ALL APPURTENANCES AS NECESSARY FOR A COMPLETE, WEATHER TIGHT AND OPERABLE ASSEMBLY.

KEYED NOTE LEGEND

	REPAIR PROCEDURE & DETAILS	DESCRIPTION
MASONRY		
1	1/AS-501 & 1/AS-602	REPLACE CRACKED, BROKEN OR SPALLED MASONRY
2	2/AS-501 & 2/AS-602	REPOINT OPEN MASONRY JOINTS, STEP CRACKS OR UNBOUNDED & MISSING MORTAR
3	3/AS-501	REMOVE ABANDONED ANCHORS/FASTENERS & FILL VOID
4	4/AS-501 & 8A, 8B & 8C/AS-602	PROVIDE NEW SCUPPER
5	5/AS-501 & 9 & 9A/AS-602	REMOVE & REBUILD PARAPET WALL & BRICK VENEER
STONE		
10	10/AS-501 & 6/AS-602	PATCH STONE UNIT
11	11/AS-501 & 7/AS-602	REPLACE STONE UNIT & BRICK
12		NOT USED
13	13/AS-501 & 16/AS-602	PATCH CRACKED STONE UNIT
14		NOT USED
15	15/AS-501 & 16/AS-602	REPAIR SPALLED STONE OR INSUFFICIENT PAST STONE REPAIR
SEALANT		
30	30/AS-501 & 10-12/AS-602	REPLACE OR ADD NEW SEALANT
31	31/AS-501 & 3/AS-602	REMOVE & REPLACE MORTAR & SEALANT
32	32/AS-501 & 3A/AS-602	REMOVE & REPLACE BACKER ROD & SEALANT
LINTELS / SHELF ANGLES		
41	41/AS-502 & 4,5&13/AS-602	RESET DISPLACED LINTEL
42	42/AS-502 & 5&6/AS-602A	DAMAGED / CORRODED LINTEL AND PLATE STEEL FILLER STRIP
METAL WORK		
50	50/AS-502	CLEAN & REPAINT CORROSION AT EXPOSED METAL ELEMENTS (COLUMNS, STAIRS & LADDERS, RAILINGS, ETC.)
51		REPLACE LOUVER WITH ALUMINUM
CLEANING		
60	60/AS-502	CLEAN ALGAE & DIRT BUILDUP
61	61/AS-502	CLEAN CORROSION STAINING ON SURFACE
62	62/AS-502	GENERAL FACADE CLEANING
CONCRETE		
70	70/AS-502	SEAL CRACKS IN EXPOSED CONCRETE IN LIGHT WELLS
71		NOT USED.
72	72/AS-502	REPAIR SPALLED CONCRETE DUE TO REINFORCEMENT DETERIORATION
WINDOWS		
80		NOT USED.
81	81/AS-502	REPLACE WINDOW SEALANT, MISSING OR INSUFFICIENT
MISCELLANEOUS		
90	90/AS-502	SEAL ROUND ANCHORS
91	91/AS-502 & 15/AS-602	REMOVE PLYWOOD AROUND A/C UNIT
92	92/AS-502	REMOVE STAINLESS STEEL WIREWAY AND REPLACE WITH NEW AFTER STONE SEALANT INSTALLED
ROOF		
100	100/AS-502 & 4&7/AS-603	ROOF REPAIR AREA
101	101/AS-502 & 11/AS-603	REPAIR PITCH POCKET
102		NOT USED
103	103/AS-502 & 3,4&7/AS-603	REPAIR PONDING AREAS ON ROOF
ROOF EQUIPMENT		
110	110/AS-502 & 10/AS-603	REPAIR ROOF DRAIN OF CORROSION & DETERIORATION
111	111/AS-502 & 3-5/AS-604	AIR TERMINAL / CABLING / GROUNDING IS DAMAGED / BROKEN OR MISSING, PROVIDE NEW

100% CONSTRUCTION DOCUMENTS

Revisions	Date
SCOPE OF WORK RFP	12-04-19
REVISED GENERAL NOTE 2	4-3-19

VA FORM 08-6231

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ARCHITECT/ENGINEERS:
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Drawing Title: B-WING PARTIAL ELEVATIONS B-1 + B-10

Approved Engineering Manager: DEPT OF VETERANS AFFAIRS, NETWORK CONTRACTING OFFICE 2, 2875 UNION ROAD, SUITE 3500, CHEEKTOWAGA, NY 14227

Project Title: VA STRATTON FACADE A WING REPAIRS

Location: ALBANY, NY

Date: 10-25-24 | Checked: JDF | Drawn: SRB, SLB

Project Number: 528A8-21-812

Building Number: 1

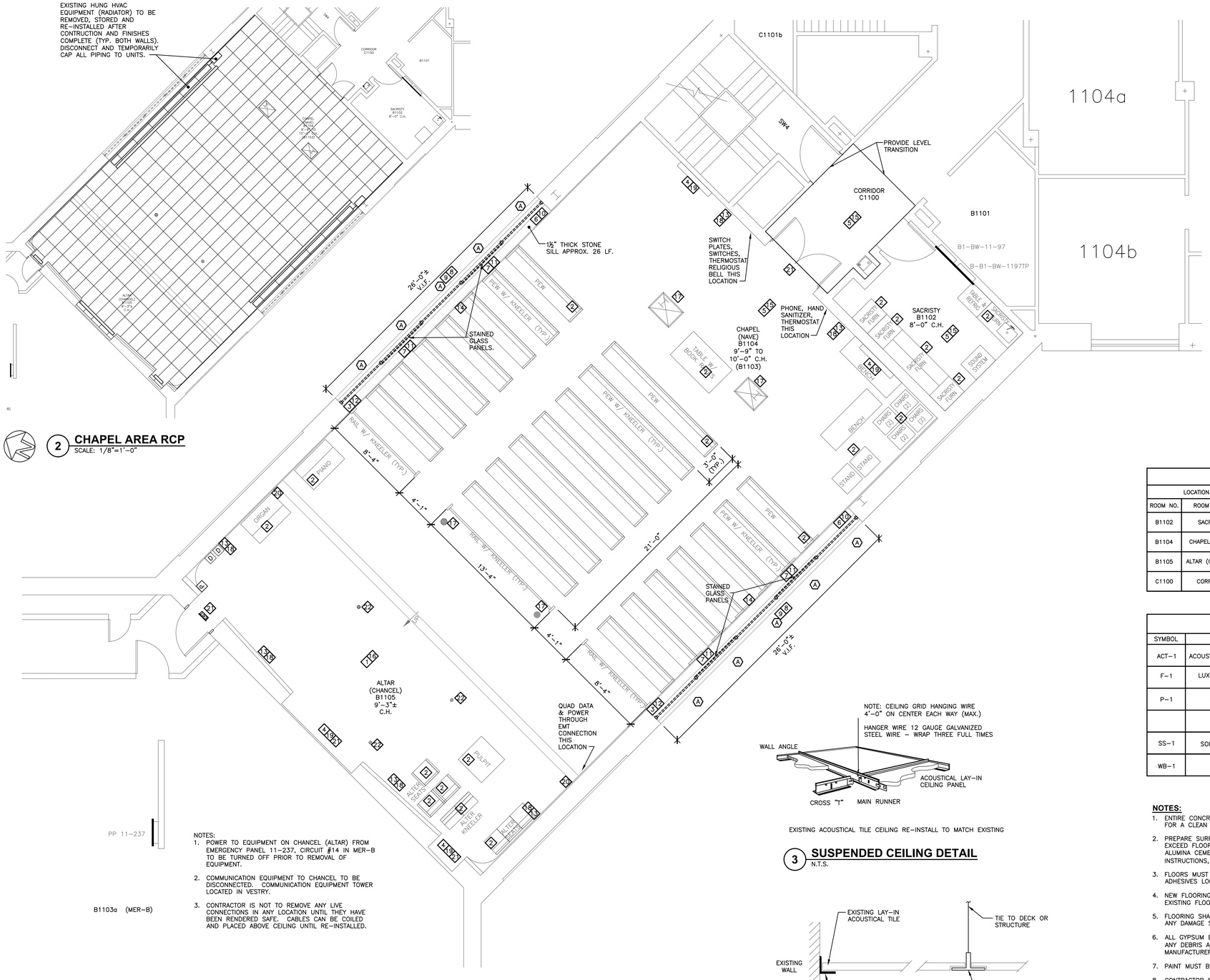
Drawing Number: AS-201

Dwg. 11 of 20

Office of Construction and Facilities Management

Department of Veterans Affairs

F:\2023\23-030 VA STRATTON FACADE, PHASE IA PHASE IA - RE-BID SET (A WING & CHAPEL)\AS-201 (B WING FACADE).dwg 10-23-24 11:47:44 AM jcl



2 CHAPEL AREA RCP
SCALE: 1/8"=1'-0"

NOTES:
1. POWER TO EQUIPMENT ON CHANCEL (ALTAR) FROM EMERGENCY PANEL 11-237, CIRCUIT #14 IN MER-B TO BE TURNED OFF PRIOR TO REMOVAL OF EQUIPMENT.
2. COMMUNICATION EQUIPMENT TO CHANCEL TO BE DISCONNECTED. COMMUNICATION EQUIPMENT TOWER LOCATED IN VESTRY.
3. CONTRACTOR IS NOT TO REMOVE ANY LIVE CONNECTIONS IN ANY LOCATION UNTIL THEY HAVE BEEN RENDERED SAFE. CABLES CAN BE COILED AND PLACED ABOVE CEILING UNTIL RE-INSTALLED.

1 B-WING 11TH FLR CHAPEL AREA
SCALE: 1/4"=1'-0"

NOTE:
1. EXISTING ELECTRICAL EQUIPMENT/ DEVICES ARE TO REMAIN, NO WORK REQUIRED. NOT SHOWN FOR CLARITY.

KEYED NOTES:

1. RELOCATE EXISTING FURNITURE TO TILE FLOOR AREA, TEMPORARILY. REMOVE AND DISPOSE EXISTING STEP NOSINGS, CARPET ON ALTAR AREA AND STEP.
2. REMOVE CHURCH PEWS, KNEELERS, PIANO, ORGAN, PULPIT, TABLE, BENCH, BOOK RACK, STAND CHAIRS, SACRISTY FURNITURE AND ALL SIMILAR FURNITURE AND STORE ON ALTAR. CLEAN AND RE-INSTALL IN SAME LOCATION AFTER ASBESTOS REMEDIATION AND NEW FLOOR FINISH INSTALLED. RE-CONNECT ALL PLUMBING FIXTURES AND PIPING.
3. REMOVE AND DISPOSE EXISTING CURTAINS, HOOKS AND TRACKS LOCATED AT EXTERIOR WINDOWS AND DISPOSE. PROVIDE NEW DRAPES, HOOKS AND TRACK.
4. REMOVE AND TURNED OVER TO VA EXISTING DRAPERIES (NOT AT WINDOWS) FOR CLEANING, RE-INSTALL AFTER CONSTRUCTION COMPLETE.
5. REMOVE EXISTING FLOOR TILE AND DISPOSE, AS PART OF ASBESTOS REMEDIATION.
6. REMOVE EXISTING WINDOW STOOL AND DISPOSE.
7. STAINED GLASS PANELS ARE TO BE CAREFULLY REMOVED AND STORED IN LOCATION APPROVED BY VA, AT VA HOSPITAL.
8. TEN (10) WINDOWS ARE TO BE REMOVED AND DISPOSED. PROVIDE TEMPORARY WEATHER PROTECTION DURING STRUCTURAL REPAIRS. SEE STRUCTURAL DRAWINGS FOR FURTHER INFORMATION.
9. PROVIDE AND, UPON COMPLETION OF STRUCTURAL REPAIRS, INSTALL TEN (10) NEW ENERGY COMPLIANT FIXED UV WINDOWS, SIZE TO MATCH EXISTING V.I.F. WITH ALLOWANCE FOR 1" DEFLECTION FROM LOADS ABOVE.
10. INSTALL NEW 9" WIDE SOLID SURFACE WINDOW STOOL, MIN. 4' LONG SEGMENTS, LENGTH TO FIT OPENING.
11. CLEAN AND INSTALL STAINED GLASS PANELS IN PRIOR LOCATIONS.
12. PROVIDE AND INSTALL NEW CURTAIN TRAVERSE RODS AND BRACKETS, HOOKS AND CURTAINS IN PRIOR LOCATION ON EXTERIOR WINDOWS. LENGTH AND WIDTH TO MATCH EXISTING.
13. REMOVE AND DISPOSE EXISTING TEXTILE WALL TREATMENT, INCLUDING COLUMN AREAS. PREPARE AREA TO A LEVEL 4 TYPE FINISH, IN ACCORDANCE WITH ASTM C840 STANDARD SPECIFICATION FOR APPLICATION AND FINISHING OF GYPSUM BOARD, TO RECEIVE NEWLY PAINTED FINISH.
14. REMOVE EXISTING WALLBOARD. PREPARE REMAINING SURFACE TO A LEVEL 4 TYPE FINISH, IN ACCORDANCE WITH ASTM C840 STANDARD SPECIFICATION FOR APPLICATION AND FINISHING OF GYPSUM BOARD, FOR PAINT. PAINT ALL WALLS.
15. PROVIDE AND INSTALL NEW FLOOR TILE, APPROX. 2,000 SQ. FT.
16. PROVIDE AND INSTALL NEW LVT, APPROX. 500 SQ. FT. PROVIDE AND INSTALL NEW STAIR NOSING ENTIRE LENGTH OF STAIR. APPROX. 40' PER TREAD AND LANDING.
17. PAINT EXISTING STEEL COLUMNS AND ENCASED COLUMNS, COLOR PER VA INTERIORS.
18. PAINT WALLS FROM FLOOR TO 6" ABOVE EXISTING CEILING GRID, APPROX. 2,350 SQ. FT. CEILING GRID TO BE REMOVED AND RE-INSTALLED AROUND PERIMETER OF ROOM.
19. WALL MOUNTED, HUNG AND STATIONARY RELIGIOUS SYMBOLS WILL BE REMOVED AND STORED BY VA CHAPLAIN SERVICE. COORDINATE REMOVAL AND RE-INSTALLATION WITH VA.
20. CAREFULLY REMOVE, STORE AND RE-INSTALL UPON COMPLETION OF FINISH WORK EXISTING ¾" WIDE MAHOGANY VERTICAL TRIM. PROVIDE NEW WALL ANCHOR WIDTH WOOD CAP TO MATCH TRIM COLOR.
21. SHUT DOWN HVAC AND PROVIDE PROTECTIVE COVER OVER HVAC SUPPLY/RETURN: 2'-4"x6'-0"± METAL LOUVER OVER DOUBLE DOOR, 24"x6" OVER SINGLE DOOR AND RELIGIOUS SYMBOLS, 8'-6"x6" AT CENTER BACK ALTAR.
22. EXISTING FLOOR RECEPTACLES, DO NOT DISTURB. DISABLE POWER BEFORE WORKING IN AREA. RE-ENERGIZE UPON COMPLETION OF WORK.

ROOM FINISH SCHEDULE

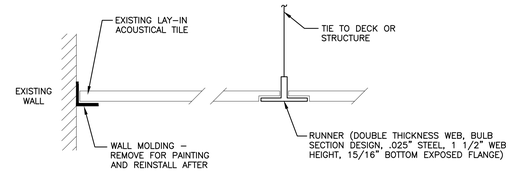
LOCATION		FLOORS				WALLS		CEILINGS		REMARKS
ROOM NO.	ROOM NAME	BASE MATERIAL	EXISTING FINISH	NEW FINISH	BASE	MATERIAL	FINISH	MATERIAL	FINISH	
B1102	SACRISTY	CONCRETE	TILE	F-1	WB-1	EXISTING PLASTER	P-1	EXISTING ACT-1	–	TILE CONTAINS ASBESTOS AND MUST BE REMOVED BY ABATEMENT CONTRACTOR. SEE DWG HA-101
B1104	CHAPEL (NAVE)	CONCRETE	TILE	F-1	WB-1	EXISTING PLASTER	P-1 PL-1	EXISTING ACT-1	–	TILE CONTAINS ASBESTOS AND MUST BE REMOVED BY ABATEMENT CONTRACTOR. SEE DWG HA-101
B1105	ALTAR (CHANCEL)	WOOD	CARPET	F-1	WB-1	EXISTING PLASTER	P-1	EXISTING ACT-1	–	
C1100	CORRIDOR	CONCRETE	TERRAZZO	F-1	WB-1	--	--	--	--	

FINISH SCHEDULE

SYMBOL	ITEM	NAME	PATTERN	COLOR *	REMARKS
ACT-1	ACOUSTICAL CEILING TILE	ARMSTRONG	FINE FISSURED	WHITE	24"x48" WITH PRELUDE XL WHITE GRID
F-1	LUXURY VINYL TILE (LVT)	SHAWCONTRACT	CROSSING PATHS 5.0 CULTURA 4932V	SANDY DUNE (91240)	18"x18", DIRECT GLUE MIN. OVERALL THICKNESS 0.197 (5MM), MIN. WEAR THICKNESS 0.02 IN (20 MIL)
P-1	WALL PAINT	SHERWIN WILLIAMS	EGGSHELL	PER VA INTERIOR DESIGNER	PROMAR 200 XERO VOC LATEX, EXTREME BOND PRIMER
SS-1	SOLID SURFACE	WILSONART	RESIN	SAHARAN NIGHT 9225SS	SEE SPECIFICATION SECTION 123600
WB-1	EXISTING	--	4" WOOD TRIM AND COVE MOLDING	--	EXISTING TRIM TO BE REMOVED, STORED AND RE-INSTALLED AFTER NEW FLOOR FINISH IS INSTALLED AND PAINTING IS COMPLETE. RE-INSTALL WITH ANCHORS TO MATCH EXISTING.

*ALL COLOR CHOICE TO BE COORDINATED AND FINALIZED BY VA COR AND INTERIORS

3 SUSPENDED CEILING DETAIL
N.T.S.



4 EXPOSED GRID ACOUSTICAL TILE CEILING DETAIL
N.T.S.

NOTES:
1. ENTIRE CONCRETE FLOOR SHALL BE SCRAPED AND PATCHED, FLOOR TO BE INSPECTED BY VA COR PRIOR TO LEVELING COMPOUND, AS REQUIRED FOR A CLEAN AND LEVEL SURFACE.
2. PREPARE SURFACE PER MANUFACTURERS RECOMMENDATIONS, SEE SPECIFICATIONS FOR MORE INFORMATION, LEVELING COMPOUND SHALL MEET OR EXCEED FLOORING MANUFACTURER MAXIMUM MOISTURE LEVEL AND PH REQUIREMENTS. LEVELING COMPOUNDS WHICH CONTAIN PORTLAND OR HIGH ALUMINA CEMENT AND MEET OR EXCEED 3,000 PSI ARE ACCEPTABLE. INSTALL LEVELING COMPOUND PER MANUFACTURER'S INSTALLATION INSTRUCTIONS, MAXIMUM SLOPE ⅛" IN 6 FEET AND SHALL BE SMOOTH.
3. FLOORS MUST BE STRUCTURALLY SOUND, CLEAN FLAT, DRY AND FREE OF DUST, DIRT OIL, GREASE, PAINT, CURING AGENTS, CONCRETE SEALERS, ADHESIVES LOOSE BOND TOPPING AND ANY OTHER SUBSTANCE OR CONDITIONS THAT WOULD IMPAIR NEW FLOORING INSTALLATION.
4. NEW FLOORING SHALL BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND SHALL PROVIDE A SMOOTH TRANSITION TO ADJOINING EXISTING FLOORING.
5. FLOORING SHALL BE INSTALLED PRIOR TO FIXED IN PLACE FURNITURE. PROTECTED THROUGHOUT DURATION OF WORK AND UNTIL TURNOVER TO VA. ANY DAMAGE SHALL BE REPORTED TO VA COR IMMEDIATELY AND REPAIRED AT NO ADDITIONAL COST TO THE VA.
6. ALL GYPSUM BOARD, PLASTER AND STEEL WALLS/COLUMNS SHALL BE PATCHED AND CLEANED AS REQUIRED FOR AN EVEN SURFACE. FREE FROM ANY DEBRIS AND/OR CONTAMINANTS. WASH SURFACE WITH AN INDUSTRIAL DETERGENT, AND RINSE THOROUGHLY WITH CLEAN WATER. SEE MANUFACTURERS DATA SHEETS FOR MORE INFORMATION.
7. PAINT MUST BE RESISTANT TO ALL CHEMICALS. SEE MANUFACTURERS PRODUCT DATA SHEETS FOR APPLICATION INFORMATION/INSTRUCTIONS.
8. CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PROPERLY VENTILATE THE SPACE DURING THE PAINTING PROCESS. ODOR MUST BE CONTROLLED TO THE BEST EXTENT FEASIBLE.
9. CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PROPERLY PROTECT ALL PERMANENTLY AFFIXED EQUIPMENT, INCLUDING BUT NOT LIMITED TO ELECTRICAL PANELS, RECEPTACLES, LIGHT SWITCHES, HVAC, COMMUNICATION DEVICES,ETC, TO REMAIN DURING ALL CONSTRUCTION ACTIVITIES.
10. ELECTRICAL PLATES, THERMOSTATS, PHONE, DATA CONNECTIONS AND WIRE-WAY TO BE REMOVED PRIOR TO WALLPAPER REMOVAL AND PAINTING. REMOVALS SHALL ONLY TAKE PLACE AFTER ITEMS ARE RENDERED SAFE BY APPROPRIATE TRADE. RE-INSTALLED AFTER PAINTING COMPLETE.
11. NEW AND EXISTING DRAPERIES TO BE INSTALLED AFTER WINDOWS INSTALLATION AND PAINTING IS COMPLETE.

100% CONSTRUCTION DOCUMENTS

Revisions	Date

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ARCHITECT/ENGINEERS:

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Drawing Title: B-WING PARTIAL 11TH FLOOR PLAN

Project Title: VA STRATTON FACADE A WING REPAIRS

Project Number: 528A8-21-812

Building Number: 1

Approved Engineering Manager: DEPT OF VETERANS AFFAIRS NETWORK CONTRACTING OFFICE 2 2875 UNION ROAD, SUITE 3500 CHEEKTOWAGA, NY 14227

Location: ALBANY, NY

Date: 10-25-24 | Checked: JDF | Drawn: SRB, SLB

Drawing Number: AS-301
Dwg. 12 of 20

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231

FA\2023\23-030 VA STRATTON FACADE, PHASE 1A\PHASE 1A - RE-BID SET (A WING & CHAPEL)\AS-301 (B WING 11TH FLR CHAPEL).dwg 10-23-24 11:47:49 AM jcl

REPAIR PROCEDURE:

PREPARATION:

1. REMOVE ALL LOOSE AND CRUMBLING MORTAR AND/OR BRICK, ANY EFFLORESCENCE, ORGANIC GROWTH AND/OR MILDEW AND SURFACE DIRT.
2. RE-POINT MASONRY JOINT AS REQUIRED BEFORE APPLYING SEALER.

SEALANT APPLICATION NOTES:

- SILOXANE WATER REPELLENT SEALER MUST BE APPLIED TO A CLEAN SURFACE TO BE EFFECTIVE.

TEST PROCEDURE:

1. APPLY SEALER TO A TEST AREA IN AN INCONSPICUOUS LOCATION.
2. ALLOW TO CURE FOR SEVERAL WEEKS; EVALUATE PERFORMANCE INCLUDING COLOR CHANGE, WATER PERMEABILITY, ETC. PROCEED WITH APPLICATION UPON APPROVAL FROM COR & ENGINEER.

SEALANT APPLICATION:

1. APPLY APPROVED SEALER BY BRUSH OR LOW PRESSURE SPRAY ON DRY DAYS. ALLOW RUNDOWN OF 12". PENETRATE THE TRANSPARENT SEALER OR WATER REPELLENT THE BRICK TO A DEPTH OF 1/8" TO 1/2".
2. SEALER WORKS BY CHANGING THE CAPILLARY ANGLES OF THE PORES IN THE FACE OF THE BRICK WALL FROM POSITIVE (SUCTION) TO NEGATIVE (REPELLENCY).
3. ALLOW TO AIR-DRY FOR AT LEAST 6 HOURS THEN APPLY A SECOND COAT OF SEALER AS ABOVE AND ALLOW TO DRY.

- REFER TO DETAILS 1&2 ON AS-602 AND SPECIFICATION 421101S SEALING ABRADED BRICK MASONRY

1 REPLACE CRACKED OR SPALLED MASONRY
N.T.S.

REPAIR PROCEDURE:

1. CAREFULLY REMOVE DETERIORATED OR DISLODGED BRICK UNITS.
2. CLEAN THE CAVITY OF LOOSE MORTAR AND OTHER DEBRIS.
3. LIGHTLY WET THE EXPOSED BRICK SURFACES.
4. LAY RE-USED OR REPLACED BRICK UNITS WITH COMPLETELY FILLED BED AND HEAD JOINTS; BUTTER ENDS WITH SUFFICIENT MORTAR TO FILL HEAD JOINTS AND RESET IN PLACE.
5. IF ADJUSTMENTS ARE REQUIRED, REMOVE UNITS, CLEAN OFF MORTAR AND RESET IN FRESH MORTAR.
6. BLEND NEW WORK INTO EXISTING WORK WITH NO LINES OF DEMARCATION AND NO CHANGE OF PATTERN OR COURSING.
7. RAKE ALL JOINTS IN REPLACEMENT WORK TO RECEIVE TUCK POINTING; JOINTS UP TO 3/8" IN WIDTH SHALL BE RAKED TO A DEPTH OF 1/2"; JOINTS 3/8" IN WIDTH SHALL BE RAKED TO A DEPTH OF 1".
8. BRUSH ALL EXCESS MORTAR FROM THE WALL SURFACE FREQUENTLY DURING THE WORK; PROTECT ALL EXISTING SURFACES FROM MORTAR DRIPPING AND SPLASHING.
9. LARGER AREAS REMOVE OF A PORTION OF THE SURROUNDING AREA, REPAIR AND RE-ASSEMBLY AS NOTED ABOVE.
10. REFER TO DETAILS 1&2 ON AS-602 AND SPECIFICATION 421102S REMOVING AND REPLACING DETERIORATED BRICK MASONRY.

2 REPOINT OPEN MASONRY JOINTS, STEP CRACKS OR UNBONDED & MISSING MORTAR
N.T.S.

REPAIR PROCEDURE:

1. REMOVE ANCHOR & CLEAN THE SURROUNDING AREA OF ANY LOOSE OR UNBOUND MATERIALS. INFILL WITH SEALANT OR MORTAR AS NECESSARY FOR A CLEAN, UNIFORM FINISH ON THE SURFACE, AS PER SPECIFICATION.

3 REMOVE ABANDONED ANCHORS/FASTENERS & FILL VOID
N.T.S.

EXTERIOR VIEW — CORRESPONDING SIDE

REPAIR PROCEDURE:

1. REMOVE PORTION OF EXISTING ROOFING, METAL WALL WHERE PRESENT, AND FLASHING AROUND SCUPPER AREA TO EXPOSE SCUPPER.
2. PROVIDE AND INSTALL NEW SCUPPER IN LOCATION INDICATED IN SCUPPER DETAILS 8A, 8B & 8C/AS-602.
3. PROVIDE & INSTALL NEW ROOFING ASSEMBLY & FLASHING AROUND SCUPPER AREA.
4. MEND TO ROOFING ASSEMBLY.
5. INSTALL NEW FLASHING AT PARAPET/ROOF INTERSECTION. REFER TO DETAILS 6 & 6A ON AS-603.

4 PROVIDE NEW SCUPPERS
N.T.S.

REPAIR PROCEDURE:

1. REMOVE EXISTING BRICK PARAPET WALL IN ITS ENTIRETY AND REBUILD.
2. PROVIDE NEW SCUPPER AS INDICATED ON PLANS.
3. REFER TO DETAILS 8A-8C, 9 & 9A ON AS-602.
4. COORDINATE PARAPET WORK WITH ROOF REPAIR/REPLACEMENT WORK.
5. REFER TO DETAIL 7 ON AS-603 IN AREAS OF BASIS OF DESIGN TREMCO ROOFING.
6. AREAS OF PARAPET/ROOF REPAIR WHERE METAL PANELED PARAPETS ARE PRESENT, CONTRACTOR SHALL REMOVE METAL PANELS AND HANDRAILS, STORE, CLEAN AND RE-INSTALL HANDRAILS AFTER ROOF REPAIR AND PARAPET RECONSTRUCTION IS COMPLETE. REPLACE IN KIND ANY HANDRAIL, OR APPURTENANCES DAMAGED DURING REPAIR AT NO COST TO THE VA. PROVIDE NEW METAL WALL PANELS AND COPING. REFER TO DETAIL 5 ON AS-603 FOR GARLAND ROOF AREAS.

5 REMOVE & REBUILD PARAPET WALL & BRICK VENEER
N.T.S.

REPAIR PROCEDURE:

1. IF THERE IS A LARGE LOOSE STONE FRAGMENT THAT IS STILL SOUND IT MAY BE RE-USED IN ITS ORIGINAL POSITION AND LOCATION; RE-ATTACH USING EPOXY OR COLOR-MATCHED POLYESTER BASED ADHESIVE AND STAINLESS STEEL ROD, IF REQUIRED, OTHERWISE SEE NOTE #2.
2. REPAIR SPALLED AREA WITH CEMENTITIOUS PATCHING MATERIAL SUCH AS BONSTONE "LAST PATCH LIMESTONE", OR APPROVED EQUAL; MIXED AND APPLIED FOLLOWING MANUFACTURER'S GUIDANCE.
3. PROVIDE PREVIOUS PROJECT HISTORY DATA OF SELECTED MATERIAL, DEPICTING REPAIR BEFORE AND AFTER RESULTS FOR VA APPROVAL.
4. REFER TO DETAIL 6/AS-602 FOR MORE INFORMATION.

10 PATCH STONE UNIT
N.T.S.

REPAIR PROCEDURE:

1. INSTALL RESTORATION ANCHORS (2) COURSES ABOVE LINTEL BEING REMOVED. SEE DETAIL 5/AS-602A FOR MORE INFORMATION.
2. REMOVE (2) COURSES OF BRICK EXPANDING AT LEAST (1) FULL BRICK TO EACH SIDE OF THE LINTEL BEING REMOVED.
3. REMOVE BROKEN LINTEL IN ITS ENTIRETY & REPLACE WITH NEW. REPLACEMENT STONE SHALL MATCH EXISTING LIMESTONE IN COLOR, TEXTURE AND TYPE, VERIFY SIZE IN FIELD.
4. REFER TO DETAILS 7&7A/AS-602 FOR MORE INFORMATION.

11 REPLACE STONE UNIT & BRICK
N.T.S.

REPAIR PROCEDURE:

PATCH DORMANT (INACTIVE) CRACKS IN LIMESTONE NO LARGER THAN 3/8" WIDE USING AN EPOXY RESIN. LARGER CRACKS REPLACE STONE OR REPAIR WITH DUTCHMAN.

1. THOROUGHLY CLEAN DUST, DIRT AND DEBRIS FROM CRACK.
2. WIPE SURFACES TO BE BONDED WITH ACETONE AND ALLOW TO DRY THOROUGHLY.
3. THOROUGHLY AND COMPLETELY MIX RESIN AND HARDENER.
4. BLEND THE EPOXY ADHESIVE TO MATCH COLOR MATRIX OF ADJACENT LIMESTONE BY ADDING COLOR LIMESTONE DUST OR PIGMENT.
5. MASK STONE SURFACES ADJACENT TO CRACK TO PREVENT STAINING OF THE LIMESTONE DURING REPAIR OPERATION.
6. AFTER MIXING, INJECT EPOXY INTO CRACKS WITH A SYRINGE AND ALLOW TO SEEP IN.
7. CONTINUE TO APPLY MATERIAL UNTIL CRACK IS FULL. SPRINKLE LIMESTONE DUST ON EPOXY ADHESIVE TO MASK CRACK.
8. CLEAN ANY TAPE RESIDUE WITH ACETONE OR SOLVENT SPECIFICALLY FORMULATED FOR THE PARTICULAR PRODUCT USED.

REFER TO SPECIFICATION 446010S EPOXY PATCHING CRACKS IN LIMESTONE.

13 PATCH CRACKED STONE UNIT
N.T.S.

REPAIR PROCEDURE:

1. CLEAN SURROUNDING AREA AND REPLACE OR ADD SEALANT AS NECESSARY TO BETTER MATCH EXISTING SURROUNDINGS. UNDER THE SURFACE CLEANING PHASE THE MOLD & MILDEW WILL BE REMOVED LEAVING A LESS NOTICEABLE REPAIR. SEE DETAIL 13/AS-501 FOR MORE INFORMATION.
2. PERFORM DUTCHMAN REPAIR, FOR LARGE SPALLS OR SPALLS THAT WOULD BE VISUALLY DETRACTING EXCEEDING 3 INCHES IN DEPTH NEW STONE SHALL MATCH EXISTING STONE. POLYMER ADMIXTURE (FOR SETTING DUTCHMAN) OR 4237 GROUT AND MORTAR ADMIXTURE (THICK OR THIN SET) ALONG WITH METAL ATTACHMENTS FOR SECURING STONE. PROVIDE ⅜" SS REPAIR PINS AS NECESSARY FOR REPAIR EXTENT. CENTER AND SPACE PINS BACK AWAY FROM FACE AT LEAST 1". JOINTS BETWEEN NEW & OLD WORK SHALL BE FINISHED TO MATCH THE COLOR AND TEXTURE OF THE STONE. SEE SPECIFICATION 446011S DUTCHMAN REPAIR OF LIMESTONE FOR STONE REPAIR INFORMATION. SEE DETAIL 16/AS-602.

15 REPAIR SPALLED STONE OR INSUFFICIENT STONE REPAIR
N.T.S.

REPAIR PROCEDURE:

1. REMOVE DEBRIS AND LOOSE MATERIAL, PREPARE SURFACE FOR INSTALLATION OF APPROPRIATE JOINT SEALANT, LINK SEAL OR GROUT AROUND OPEN PIPE/CONDUIT PENETRATION(S) OR WHERE INDICATED ON PLANS.
2. PROVIDE NECESSARY BACKING MATERIAL WHERE NECESSARY. SEALANT COLOR TO MATCH EXPOSED SURFACE WHERE POSSIBLE. SEE DETAILS 10-12/SHEET AS-602 FOR MORE INFORMATION.

- SEE SPECIFICATION 079200 JOINT SEALANTS

30 REPLACE OR ADD NEW SEALANT
N.T.S.

REPAIR PROCEDURE:

1. REMOVE DETERIORATED SEALANT.
2. REMOVE ⅝" (16MM), MAX ½ UNIT DEPTH DETERIORATED MORTAR FROM MASONRY JOINT.
3. CLEAN AREA OF DEBRIS AND VACUUM.
4. REPLACE OLD MORTAR WITH NEW, SOUND MORTAR.
6. BLEND NEW WORK INTO EXISTING WORK WITH NO LINES OF DEMARCATION.
7. RAKE ALL JOINTS IN REPLACEMENT WORK TO RECEIVE TUCK POINTING; JOINTS UP TO 3/8" IN WIDTH SHALL BE RAKED TO A DEPTH OF 1/2"; JOINTS 3/8" IN WIDTH SHALL BE RAKED TO A DEPTH OF 1".
8. REPOINTED JOINTS SHALL MATCH EXISTING.
9. BRUSH ALL EXCESS MORTAR FROM THE WALL SURFACE FREQUENTLY DURING THE WORK; PROTECT ALL EXISTING SURFACES FROM MORTAR DRIPPING AND SPLASHING.
10. ADD NEW SEALANT OVER MORTAR JOINT. SEALANT COLOR SHALL MATCH EXPOSED SURFACE AS APPROVED BY VA.
11. SEE DETAILS 3/AS-602.

- SEE SPECIFICATIONS 040100 MAINTENANCE OF MASONRY & 044301 MASONRY RESTORATIONS & SPECIFICATION 079200 JOINT SEALANTS

31 REMOVE & REPLACE MORTAR & SEALANT
N.T.S.

REPAIR PROCEDURE:

1. CLEAN JOINTS, VACUUM OR BRUSH JOINT AND BLOW OUT, INSTALL BACKER ROD, FILL IN JOINT WITH APPROPRIATE JOINT SEALANT. TOOL IMMEDIATELY, FINISH SHALL BE SLIGHTLY CONCAVE. SEALANT COLOR TO MATCH EXPOSED SURFACE AS APPROVED BY VA.
2. SEE DETAIL 3A/AS-602.

- SEE SPECIFICATION 079200 JOINT SEALANTS

32 REMOVE & REPLACE BACKER ROD & SEALANT
N.T.S.

GENERAL MORTAR NOTES:

1. CONTRACTOR TO PERFORM LABORATORY ANALYSIS ON ALL EXISTING MORTAR TO BE REPLACED. NEW MORTAR SHALL BE A SAME MAKE UP AND CHARACTERISTICS OF EXISTING MORTAR.
2. PREPARE 3 FOOT BY 3 FOOT MASONRY MOCK-UPS AS REQUIRED BY SPECIFICATIONS WHERE INDICATED.
3. WEEPHOLES ARE TO BE INSTALLED IN JOINT(S), 4'-0" MAX., WHERE THE REPAIR IS IN THE FIRST COURSE OF PANEL OR BRICK COURSE ABOVE FINISHED GROUND LEVEL ABOVE THE FOUNDATION WALL, AT FLOOR LEVELS, SHELF ANGLES AND LINTELS.

100% CONSTRUCTION DOCUMENTS

Revisions	Date

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NY PROFESSIONAL ENGINEER NO. 069373-1
ISSUED 1992; EXP. 9/25

ARCHITECT/ENGINEERS:

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Drawing Title: REPAIR PROCEDURES 1-32

Project Title: VA STRATTON FACADE A WING REPAIRS

Project Number: 528A8-21-812

Building Number: 1

Approved Engineering Manager: DEPT OF VETERANS AFFAIRS, NETWORK CONTRACTING OFFICE 2, 2875 UNION ROAD, SUITE 3500, CHEEKTOWAGA, NY 14227

Location: ALBANY, NY

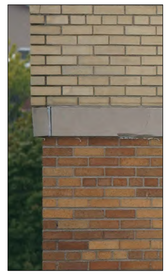
Date: 10-25-24 | Checked: JDF | Drawn: SRB, SLB

Drawing Number: AS-501
Dwg. 13 of 20

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231

I:\2023\23-030 VA STRATTON FACADE, PHASE 1A (PHASE 1A - RE-BID SET (A WING & CHAPEL) AS-501 DEFICIENCY EXAMPLES.dwg 10-23-24 11:48:09 AM jcl



REPAIR PROCEDURE:

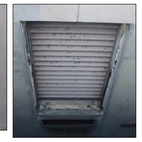
1. TEMPORARILY SUPPORT BRICK COURSE(S) ABOVE AREA TO BE REPAIRED.
2. REMOVE BRICK COURSES ABOVE LINTEL.
3. REMOVE, CLEAN AND RE-INSTALL DISPLACED LINTEL.
4. SEE DETAILS 4,5&13 SHEET AS-602.

41 RESET DISPLACED LINTEL
N.T.S.

REPAIR PROCEDURE:

1. INSTALL RESTORATION ANCHORS (H-B SPIRA-LOK OR EQUIV.) AT 16" O.C. PRIOR TO BRICK REMOVAL.
2. REMOVE BRICK ROWS ABOVE LINTEL.
3. REMOVE EXISTING FLASHING AND CLEAN EXPOSED STEEL SURFACES. COAT WITH ANTI-CORROSIVE PRIMER AND PAINT.
4. INSTALL DRAINAGE PLANE FLASHING WITH TERMINATION BAR AND STAINLESS STEEL DRIP EDGE.
5. REINSTALL BRICK ABOVE EXISTING LINTEL W/ (1) ROW OF VENEER TIES AT 16" O.C.E.W. AND MORTAR COLOR TO MATCH EXISTING.
6. RE-SEAL AROUND ENTIRE LOUVER.
7. SEE DETAILS 5&6/1-AS-602A FOR MORE INFORMATION.

42 DAMAGED/ CORRODED LINTEL AND PLATE STEEL FILLER STRIP
N.T.S.



REPAIR PROCEDURE:

1. PROTECT SURROUNDING AREAS IN WORK AREAS.
2. REMOVE OIL, GREASE, SOIL, COMPOUNDS AND FOREIGN MATTER USING SOLVENTS (FOLLOW SSPC STANDARDS SP-1 SOLVENT CLEANING).
3. REMOVE ALL PAINT TO BARE METAL FROM IRON AND STEEL SURFACES USING HAND TOOLS, POWER TOOLS OR BLASTING AS NECESSARY TO REMOVE SCALE, RUST AND PAINT. CLEAN TO SSPC STANDARDS SP2 HAND TOOL CLEANING FOR MILD EXPOSURE CONDITIONS, SP3 POWER TOOL CLEANING FOR MODERATE EXPOSURE CONDITIONS & SP10 BRUSH OFF BLAST FOR SEVERE EXPOSURE CONDITIONS.
4. REPAIR ANY SURFACE IMPERFECTIONS.
5. SEAL ALL OPEN JOINTS BETWEEN METAL AND MASONRY WITH BACKER ROD & SEALANT.
6. PRIME ALL METAL WITHIN TWO HOURS OF CLEANING DOWN TO BARE METAL USING OBVIOUS DIFFERENT COLOR. PAINT TO BE COMPATIBLE WITH FINISH COAT.
7. PAINT TO MATCH EXISTING COLOR WITH ALKYD RESIN SEMI-GLOSS.

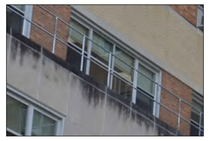
- SEE SPECIFICATION 099100 PAINTING

50 CLEAN & REPAINT CORROSION AT EXPOSED METAL ELEMENTS (COLUMNS, FIRE ESCAPES,BALCONIES, RAILINGS, ETC.)
N.T.S.

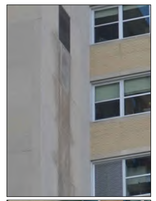
REPAIR PROCEDURE:

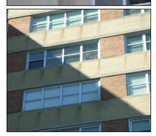
1. CLEAN MASONRY SURFACES AS PER "CLEANING BRICKWORK SCOPE" NOTES ON AS-001.
2. CLEAN DIRTY LIMESTONE SURFACES WITH UNDILUTED SODIUM HYDROXIDE. FOR HEAVY HIGH POLLUTION STAINS, PRE-WASH WITH D/2 BIOLOGICAL SOLUTION, "SURE KLEAN 766 LIMESTONE & MASONRY PRE-WASH AND SURE KLEAN LIMESTONE & MASONRY AFTER-WASH WATER RINSE BETWEEN AND AFTER SURE KLEAN AGENTS, EACO CHEM ONERESTORE RESTORATION DETERGENT OR APPROVED EQUIVALENT.
3. REMOVE ALGAE BUILD UP WITH STIFF, NATURAL BRISTLE BRUSH.
4. REMOVE MOLD & MILDEW WITH CLEANING SOLUTION OF HYDROGEN PEROXIDE OR POWDERED DETERGENT FOR BRICK. FOR LIMESTONE USE LIMESTONE RESTORER (PROSOCO, INC.), EACO CHEM ONE RESTORE RESTORATION DETERGENT OR APPROVED EQUIVALENT AND WATER RINSE.
5. PROTECT SURROUNDING AREA FROM CONTACT WITH CLEANING MATERIALS AND RUN-OFF.
6. REFER TO GSA SPECIFICATION 420002S REMOVING BIOLOGICAL GROWTH FORM EXTERIOR MASONRY FOR FURTHER INSTRUCTIONS.

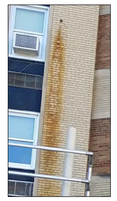
- REFER TO SPECIFICATION 421104S GENERAL CLEANING OF EXTERIOR BRICK MASONRY & 446003S GENERAL CLEANING OF EXTERIOR LIMESTONE.



60 CLEAN ALGAE & DIRT BUILDUP
N.T.S.







REPAIR PROCEDURE:

1. CLEAN MASONRY SURFACES AS PER CLEANING PROCEDURES ON 1-AS-001.
2. IF SURFACE STAINING IS STILL EVIDENT CLEAN SURFACE USING "SURE KLEAN 800 STAIN REMOVER", "101 G GRANITE, TERRA COTTA AND BRICK RESTORATION CLEANER, EACO CHEM ONERESTORE RESTORATION DETERGENT OR EQUIV.
3. REFER TO SPECIFICATION 421104S GENERAL CLEANING OF EXTERIOR BRICK MASONRY.

61 CLEAN CORROSION STAINING ON SURFACE
N.T.S.

REPAIR PROCEDURE:

1. CLEAN ENTIRE FACADE. SEE CLEANING BRICKWORK/MASONRY SCOPE SHEET 1-AS-001 AND SPECIFICATION 421104S GENERAL CLEANING OF EXTERIOR BRICK MASONRY.

62 GENERAL FACADE CLEANING
N.T.S.

REPAIR PROCEDURE:

REPAIRING CRACKS BY EPOXY ADHESIVE RESIN

1. USED ONLY ON DORMANT CRACK .3MM OR LESS.
2. EPOXY RESIN (ABATRON, INC., SIKA CORP. OR APPROVED EQUAL).

   FOR FINE CRACKS:

   EPOXY SHALL BE A TWO-PART TYPE, LOW VISCOSITY EPOXY ADHESIVE MATERIAL CONTAINING 100% SOLIDS.

   FOR WIDE CRACKS:

   EPOXY SHALL BE A TWO-PART GEL EPOXY ADHESIVE MATERIAL CONTAINING 100% SOLIDS.
3. REFER TO SPECIFICATIONS 373201S REPAIRING CRACKS IN CONCRETE BY INJECTING EPOXY RESIN.

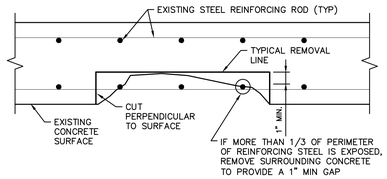
70 SEAL CRACKS IN EXPOSED CONCRETE IN LIGHT WELLS
N.T.S.

REPAIRING SPALLED CONCRETE FROM CORROSION:

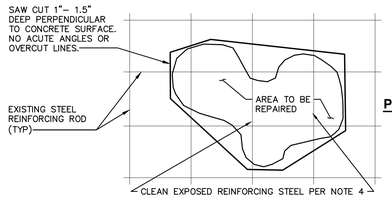
1. PROTECT SURROUNDING AREAS FROM DEBRIS INCLUDING PERSONS, MOTOR VEHICLES, SURROUNDING SURFACES OF BUILDING WHOSE MASONRY SURFACES ARE BEING RESTORED, BUILDING SITE, AND SURROUNDING BUILDINGS FROM INJURY RESULTING FROM MASONRY RESTORATION WORK.
2. WIRE BRUSH CORRODED REINFORCEMENT TO REMOVE ALL LOOSE FLAKY RUST, DEBRIS, OILS, OR SIMILAR COATINGS THAT WILL REDUCE BONDS. CLEAN TO SSPC STANDARDS SP2 HAND TOOL CLEANING. APPLY ANTI-CORROSION AGENT TO STEEL.
3. REMOVE DETERIORATED CONCRETE AT SPALLED AREA TO SOUND MATERIAL.
4. THOROUGHLY WET AREA TO BE REPAIRED.
5. INSTALL CEMENT PATCHING MATERIAL AS PER MANUFACTURERS RECOMMENDATIONS AND BONDING AGENT. PROVIDE MINIMUM 3" CONCRETE COVERAGE OVER STEEL REINFORCEMENT.
6. FINISH PATCHED SURFACE TO MATCH SURROUNDING UNREPAIRED AREAS BY GRINDING, TROWELING, SACKING OR BRUSHING.

- SEE SPECIFICATION 373204S PATCHING SPALLED CONCRETE FOR MORE INFORMATION AND CONCRETE REPAIR NOTES THIS PAGE.

72 REPAIR SPALLED CONCRETE DUE TO REINFORCEMENT DETERIORATION
N.T.S.



SECTION VIEW



PLAN VIEW

CONCRETE REPAIR NOTES:

1. SAW CUT AROUND THE AREA TO BE REPAIRED TO A DEPTH OR 1"- 1.5" AT AN ANGLE PERPENDICULAR TO THE CONCRETE SURFACE. IF CUTS ARE MADE WITH A SAW, DO NOT OVER-CUT THE EDGES SUCH THAT THE TOPS OF THE CUT LINES OVERLAP. STOP THE CUT WHERE THE TOPS OF THE CUTS MEET AND REMOVE TO THE DEPTH REQUIRED BY ANOTHER METHOD.
2. ACUTE ANGLES BETWEEN SAW CUT LINES ARE TO BE AVOIDED.
3. ALL DAMAGED OR LOOSE CONCRETE IS TO BE REMOVED FROM THE REPAIR AREA TO PROVIDE SOUND CONCRETE FOR THE REPAIR MATERIAL TO BOND TO. REMOVAL SHALL BE BY MOST EFFECTIVE METHOD AVAILABLE WITH LEAST DISTURBANCE TO VA. EXPANSIVE GROUTS, HYDRO-DEMOLITION, DRILLING OR HAND CHISEL CHIPPING METHODS MAY BE USED. JACKHAMMERS MAY NOT BE USED.
4. ALL SCALE, RUST, CORROSION AND BONDED CONCRETE SHALL BE REMOVED FROM EXPOSED REINFORCING STEEL USING A WIRE BRUSH, SAND BLASTING, WATER BLASTING OR OTHER METHOD ACCEPTABLE TO THE COR. THE USE OF ACIDS TO CLEAN STEEL OR CONCRETE IS NOT PERMITTED.
5. IF CORROSION HAS REDUCED THE CROSS SECTIONAL AREA OF THE REINFORCING STEEL TO LESS THAN 75% OF ITS ORIGINAL DIAMETER, THE AFFECTED STEEL SHALL BE REMOVED AND REPLACED IN ACCORDANCE WITH 318 AMERICAN CONCRETE INSTITUTE (ACI), SECTION 12.14.
6. REINFORCING STEEL EXPOSED MORE THAN ONE-THIRD OF ITS PERIMETER SHALL BE SUFFICIENTLY EXPOSED TO PROVIDE A 1" MINIMUM CLEARANCE BETWEEN THE STEEL AND SOUND CONCRETE.
7. AREA PREPARED FOR REPAIR SHALL BE KEPT IN A CLEAN CONDITION AND PROTECTED FROM DAMAGE UNTIL THE REPAIR MATERIALS CAN BE PLACED AND CURED. REPAIR MATERIALS SHALL NOT BE PLACED UNTIL THE COR CONFIRMS THAT THE AREA TO BE REPAIRED HAS BEEN CLEANED AND OTHERWISE PREPARED APPROPRIATELY.
8. CONTRACTOR SHALL MAINTAIN THE REPAIR MATERIAL IN THE MANNER PRESCRIBED BY THE MANUFACTURER OR APPLICABLE ACI STANDARD FOR THE DURATION OF THE CURING PROCESS. I.E. TEMPERATURE RANGE, MOISTURE CONTENT, ETC.
9. REPAIRED AREA IS NOT TO BE DISTURBED UNTIL THE ENTIRE CURE PERIOD HAS ELAPSED. CONTRACTOR TO PROTECT REPAIRED AREA FROM DAMAGE FOR THE ENTIRE CURE PERIOD.
10. CONTRACTOR TO INDICATE IN A SUBMITTAL THE TYPE OF REPAIR SYSTEM TO BE UTILIZED FOR EACH AREA AND PROVIDE THE INFORMATION REQUIRED PER THE ACCOMPANYING SPECIFICATIONS DOCUMENT.

REPAIR PROCEDURE:

SURFACE PREPARATION:

CLEAN ALL OPENINGS, JOINTS, OR CHANNELS TO BE SEALED FREE FROM DUST, OIL, GREASE, LOOSE MORTAR OR ANY OTHER FOREIGN MATTER.

MASONRY SURFACES FORMING SIDES OF JOINTS SHALL BE WIRE-BRUSHED, THEN AIR-BLOWN CLEAR.

PRIME OR SEAL JOINT SURFACES WHERE RECOMMENDED BY SEALANT MANUFACTURER. CONFINE PRIMER/SEALER TO AREAS OF SEALANT BOND ONLY.

SET JOINT FILLERS WITHOUT TWISTS, AND TO ALLOW FOR BOND BREAKERS, BACKER RODS AND SEALANTS. DO NOT LEAVE GAPS BETWEEN ENDS OF JOINT FILLER UNITS.

INSTALL SEALANT BACKER ROD FOR SEALANTS, EXCEPT WHERE RECOMMENDED TO BE OMITTED BY SEALANT MANUFACTURER.

INSTALL BOND BREAKER TAPE WHERE REQUIRED BY MANUFACTURER'S RECOMMENDATIONS TO ENSURE THAT SEALANTS WILL PERFORM AS INTENDED.

SEALANT INSTALLATION, APPLICATION:

GUN-APPLY CAULKING, FILLING THE JOINT COMPLETELY WITHOUT GAPS OR AIR POCKETS.

TOOL ALL BEADS IMMEDIATELY AFTER APPLICATION. STRIKE OFF EXCESS MATERIAL, AVOID TEARING OR STRIPPING OF THE BEAD. THE FINISHED BEAD SHALL BE FLUSH WITH THE SURFACE.

PROVIDE WEEP HOLES WHERE REQUIRED.

INSTALL SEALANTS TO DEPTHS AS RECOMMENDED BY SEALANT MANUFACTURER, ALLOW OPTIMUM SEALANT MOVEMENT CAPABILITY.

CLEAN SEALANT SOILED ADJACENT SURFACES IMMEDIATELY.

CLEANING:

EXCESS COMPOUND SHALL BE CLEANED OFF NON-POROUS SURFACES WHILE UNCURED,

REFER TO SPECFICATIONS 790001S SEALING MASONRY JOINTS TO MAKE THEM AIRTIGHT AND WATER TIGHT.

81 REPLACE WINDOW SEALANT, MISSING OR INSUFFICIENT
N.T.S.

REPAIR PROCEDURE:

ATTACHMENT OF RAILS TO WALLS:

INSPECT AND RE-USE SOUND CONNECTIONS WHEN POSSIBLE. REPLACE BROKEN CONNECTION WITH NEW. ALSO WHEN POSSIBLE, MATCH ORIGINAL LOCATION AND SPACING TO AVOID GHOST MARKS.

ANCHOR RAIL ENDS TO CONCRETE AND MASONRY WITH REQUIRED FLANGES, CONNECTED TO RAIL ENDS AND ANCHORED INTO WALL CONSTRUCTION WITH POST-INSTALLED ANCHORS AND BOLTS.

FILL ANNULAR SPACE WHERE REQUIRED WITH NON-SHRINK, NONMETALLIC GROUT ANCHORING MATERIAL, MIXED AND PLACED TO COMPLY WITH ANCHORING MATERIAL MANUFACTURER'S DIRECTIONS.

WIPE OFF SURPLUS ANCHORING MATERIAL, AND LEAVE 1/8-INCH BUILDUP, SLOPED AWAY FROM POST. SEAL ANCHORING MATERIAL TO COMPLY WITH GROUT MANUFACTURER'S DIRECTIONS.

90 SEAL AROUND ANCHORS
N.T.S.

REPAIR PROCEDURE:

A/C WINDOW UNIT INFILL:

1. REMOVE A/C WINDOW UNIT AND WOOD FROM WINDOW OPENING.
2. CUT TO SIZE WINDOW INFILL PANEL, CUT OUT OPENING FOR A/C UNIT.
3. SECURE WINDOW INFILL PANEL TO WINDOW FRAME.
4. INSTALL A/C WINDOW UNIT.
5. SEAL ALL VOIDS TO PROVIDE WEATHERTIGHT ASSEMBLY.
6. SEE DETAIL 15/AS-602 FOR MORE INFORMATION.

91 REMOVE EXPOSED PLYWOOD AROUND A/C UNIT
N.T.S.

REPAIR PROCEDURE:

1. REMOVE STAINLESS STEEL COVER FROM STONE SURFACE.
2. FABRICATE NEW COVER ALIGNING ANCHOR POINTS WITH EXISTING ANCHOR POINTS.
3. PATCH ANY STONE AREAS DAMAGED DURING REMOVAL PROCESS.
4. SEALANT TO BE APPLIED IN STONE JOINTS PRIOR TO INSTALLATION OF NEW COVER.
5. INSTALL, WITH MECHANICAL ANCHORS, NEW COVER WITH BACKER ROD OR SILL SEAL BETWEEN COVER AND STONE.
6. SEE DETAIL 1/AS-602A FOR MORE INFORMATION.

92 REMOVE AND REPLACE STAINLESS STEEL COVER
N.T.S.

REPAIR PROCEDURE:

1. REMOVE EXISTING TREMCO ROOFING AND TAPERED INSULATION AROUND PARAPET WALLS,
2. REPAIR FAILED ROOF AREAS.
3. PROVIDE NEW INSULATION, SLOPE TO MATCH EXISTING.
4. INSTALL NEW SBS ROOFING, AS PER TREMCO SPECIFICATIONS.
5. RESURFACE ENTIRE ROOF WITH TREMCO ALPHAGUARD BASE AND TOP COAT AT REQUIRED GALLONS PER SQUARE FOOT.
6. INSTALL NEW FLASHING AROUND PARAPET.
7. APPLY ALPHA GUARD MATERIAL ON EXISTING MECHANICAL PENTRATIONS.

100 ROOF REPAIR AREA
N.T.S.

REPAIR PROCEDURE:

1. REMOVE EXISTING PITCH SEALANT AND REFILL WITH POURABLE SEALANT AND COVER.
2. SEE DETAIL 11 ON SHEET AS-603

101 REPAIR PITCH POCKET
N.T.S.

REPAIR PROCEDURE:

ROOF & PONDING REPAIR:

1. REMOVE AND DISPOSE OF EXISTING ROOF ASSEMBLY AND BASE FLASHINGS DOWN TO THE SUBSTRATE CONCRETE DECK AT DESIGNATED AREAS.
2. CAREFULLY REMOVE AND SAFELY STORE ANY ITEMS TO BE REINSTALLED. THESE ITEMS ARE TO BE REINSTALLED UPON COMPLETION OF THE ROOF REPAIR. ANY DAMAGED ITEMS, AS THE RESULT OF REMOVAL/REINSTALLATION, SHALL BE REPLACED AT NO COST TO THE VA.
3. THREE (3) DIFFERENT ROOF SYSTEMS ARE CURRENTLY IN USE THAT REQUIRE REPAIR. THEY ARE IDENTIFIED ON PLANS AS-401. (TREMCO, CARLISLE & GARLAND).
4. FURNISH AND INSTALL MATCHING AND COMPATIBLE ROOF ASSEMBLY COMPONENTS WITH LIKE KIND, I.E. VAPOR RETARDER (IF PRESENT), POLYISO INSULATION, CANT STRIPS, COVERBOARD, ETC.
5. ADHERE NEW POLYISO INSULATION AND COVERBOARD IN INSUL-LOCK FOAM ADHESIVE USING ¾" RIBBONS SPACED AT 12' O.C. IN FIELD, 8" O.C. AROUND PERIMETER, AND 6" O.C. AT CORNERS.
6. FURNISH AND INSTALL ROOFING MEMBRANE MATCHING EXISTING ADJACENT MEMBRANE. SEE SHEET AS-603 FOR BASIS OF DESIGN MEMBRANES REQUIRED FOR EACH REPAIR AREA.

103 REPAIR PONDING AREAS ON ROOF
N.T.S.

REPAIR PROCEDURE:

1. REMOVE EXISTING ROOF DRAIN DOME.
2. PROVIDE AND INSTALL OEM REPLACEMENT DOME STRAINER, MIN. 4" HIGH. COORDINATE WITH EXISTING EQUIPMENT AS FOUND IN FIELD. NOTE THAT ROOF DRAINS ARE OF DIFFERENT MAKES AND MANUFACTURERS.
3. REPLACE BOLTS WITH S.S.
4. COORDINATE WITH ROOF REPLACEMENT. REFER TO DETAIL 10 SHEET AS-603.

110 REPAIR ROOF DRAIN OF CORROSION & DETERIORATION
N.T.S.

REPAIR PROCEDURE:

1. REMOVE EXISTING DAMAGED LIGHTNING ROD ANCHOR & CABLING.
2. PROVIDE & INSTALL NEW ADHERED LIGHTNING ROD & CABLING.
3. COORDINATE WITH ROOF REPLACEMENT WHERE REQUIRED.
4. REFER TO ADHESIVE AIR TERMINAL DETAIL 3 ON AS-604.

111 AIR TERMINAL / CABLING / GROUNDING IS DAMAGED / BROKEN OR MISSING, PROVIDE NEW
N.T.S.

100% CONSTRUCTION DOCUMENTS

Revisions	Date

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Approved Engineering Manager: DEPT OF VETERANS AFFAIRS, NETWORK CONTRACTING OFFICE 2, 2875 UNION ROAD, SUITE 3500, CHEEKTOWAGA, NY 14227

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Dwg. 14 of 20

Office of Construction and Facilities Management
Department of Veterans Affairs

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SCAFFOLD PLANKS:

1. ALL SCAFFOLD PLANKS MUST MEET THE PERFORMANCE REQUIREMENTS.
2. A VA OCCUPATIONAL HEALTH AND SAFETY INSPECTOR MAY REQUIRE A TEST REPORT OR CERTIFICATE FROM A RECOGNIZED TESTING AUTHORITY FOR PLANKS PURPORTING TO COMPLY WITH LOCAL & FEDERAL CODES.
3. PLANKS MUST BE FREQUENTLY EXAMINED DURING USE FOR SPLITS, CRACKS, MECHANICAL DAMAGE, EXCESSIVE WEAR AND DECAY. PLANKS WHICH ARE DEFECTIVE MUST BE RENDERED UNFIT FOR FURTHER USE.

ERECTION, ALTERATION AND DISMANTLING:

ALL SCAFFOLDING, WHETHER NOTIFIABLE OR NOT, MUST BE ERECTED, ALTERED AND DISMANTLED BY COMPETENT WORKERS UNDER PROPER SUPERVISION. SCAFFOLDING MUST NOT BE USED UNLESS THE VA COR OR HEALTH AND SAFETY INSPECTOR IS SATISFIED THAT IT IS SAFE FOR USE AND COMPLIES WITH THE REGULATIONS. SCAFFOLDING MUST NOT BE ALTERED OR INTERFERED WITH EXCEPT ON THE INSTRUCTIONS OF THE VA COR OR HEALTH AND SAFETY INSPECTOR. SCAFFOLDERS MUST ENSURE THAT MEMBERS OF THE PUBLIC ARE NOT ENDANGERED WHILE THEY ARE ERECTING, ALTERING OR DISMANTLING SCAFFOLDS. THEY SHOULD ALSO ENSURE THAT THE LOWER WORKING PLATFORMS ARE NOT USED WHILE THE UPPER LIFTS ARE BEING WORKED ON UNLESS A FULLY DECKED PLATFORM, WITH SCREENS IF NECESSARY, SEPARATES THE PART BEING ERECTED OR DISMANTLED FROM THE LOWER PART IN USE. ALL SCAFFOLDERS SHOULD HAVE A BASIC KNOWLEDGE OF RIGGING.

SUPERVISION:

STANDING SCAFFOLDING OVER 5 M HIGH OR INTENDED TO EXTEND OVER 5 M, HANGING SCAFFOLDS OF ANY HEIGHT AND SUSPENDED SCAFFOLDING OF ANY HEIGHT MAY BE ERECTED, ALTERED OR DISMANTLED ONLY UNDER THE DIRECT SUPERVISION OF A PERSON WHO HOLDS AN APPROPRIATE CERTIFICATE OF COMPETENCY AS A SCAFFOLDER ISSUED UNDER THE REGULATIONS.

CERTIFICATES OF COMPETENCY:

THE HEALTH AND SAFETY REGULATIONS REQUIRE THAT PERSONS WHO ERECT SCAFFOLDING, ANY PART OF WHICH IS 5 METRES OR MORE ABOVE THE GROUND, MUST HOLD A CERTIFICATE OF COMPETENCY IN ONE OF THE FOLLOWING CLASSES:

BASIC SCAFFOLDING:
THE EQUIPMENT RANGE IS TO INCLUDE FREE–STANDING MODULAR SYSTEM SCAFFOLDING, ROPES, GIN WHEELS, STATIC LINES AND FALL ARREST SYSTEMS.

ADVANCED SCAFFOLDING:
THE EQUIPMENT IS TO INCLUDE FREE–STANDING MODULAR SYSTEMS, TUBE AND COUPLER SCAFFOLDING INCLUDING TUBE AND COUPLER COVERED WAYS AND GANTRIES, SCAFFOLDING ASSOCIATED WITH PERIMETER SAFETY SCREENS AND SHUTTERS, CANTILEVERED HOISTS WITH A LOAD LIMIT NOT EXCEEDING 250 KG (MATERIALS ONLY), ROPES, GIN WHEELS, SAFETY NETS FOR PUBLIC PROTECTION, AND CATCH NETS, STATIC LINES AND FALL ARREST SYSTEMS, BRACKET SCAFFOLDS (TANK AND FORMWORK), CANTILEVERED LOAD PLATFORMS FROM A SCAFFOLD, CANTILEVERED AND SPURRED SCAFFOLDS, BARROW RAMPS AND SLOPING PLATFORMS, MAST CLIMBERS, AND HUNG SCAFFOLDING INCLUDING SCAFFOLDING HUNG FROM TUBES, WIRE ROPES AND CHAINS.

SUSPENDED SCAFFOLDS:
THE EQUIPMENT RANGE IS TO INCLUDE HAND–HAUL AND MECHANICAL BOATSWAIN'S CHAIRS, BUILDING MAINTENANCE UNITS AND HAND–HAUL AND MECHANICAL SWINGING STAGES.

SCAFFOLDING REGISTER AND INSPECTION OF SCAFFOLDS:

ALL SUSPENDED SCAFFOLDS AND ALL OTHER SCAFFOLDS WHICH EXCEED 5 M IN HEIGHT, OR FROM WHICH A PERSON COULD FALL 5 M OR MORE, ARE TO BE INSPECTED BEFORE FIRST USE AND AT REGULAR INTERVALS. DETAILS OF THESE INSPECTIONS ARE TO BE RECORDED IN AN ON–SITE SCAFFOLD REGISTER OR IN A SUITABLE SCAFFOLD RECORD SYSTEM AND SIGNED BY PERSON CARRYING OUT THE INSPECTION. THESE INSPECTIONS MAY BE CARRIED OUT BY A CERTIFICATED SCAFFOLDER OF THE APPROPRIATE CLASS, OR BY A COMPETENT PERSON SUCH AS A REGISTERED ENGINEER.

(A) INITIAL INSPECTION:
BEFORE FIRST USE, THE SCAFFOLD IS TO BE FINALLY INSPECTED AND ANY DEFECTS FOUND ARE TO BE RECTIFIED BEFORE USE.

(B) SUBSEQUENT INSPECTIONS:
THE SCAFFOLD IS TO BE INSPECTED AT THE FOLLOWING INTERVALS:

(I) DAILY IN THE CASE OF SUSPENDED SCAFFOLDS, OR WEEKLY IN THE CASE OF ALL OTHER SCAFFOLDS WHILE THE SCAFFOLDS ARE IN USE.

(II) AFTER EACH STRUCTURAL ALTERATION, ADDITION OR CHANGE TO THE NATURE OF THE SCAFFOLD OR ITS ANCHORAGES OR TIES.

(III) MONTHLY WHILE THE SCAFFOLD IS SET UP BUT NOT IN USE.

(IV) AFTER ANY STORM OR OCCURRENCE THAT COULD ADVERSELY AFFECT THE SAFETY OF THE SCAFFOLDING.

SHOULD ANY DEFECT BE FOUND DURING THESE INSPECTIONS, THE DEFECT MUST BE RECTIFIED PRIOR TO BEING REUSED.

PROTECTION AND MAINTENANCE:

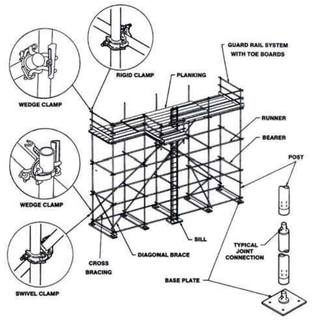
ALL SCAFFOLDING MUST BE PROTECTED AGAINST ACCIDENTAL DAMAGE FROM TRAFFIC OR OTHER CAUSES AND SHOULD, WHERE NECESSARY, BE BARRICADED OR, ALTERNATIVELY, BE WELL STAYED OR BRACED TO AVOID DAMAGE FROM VEHICLES.

SCAFFOLDING OVER VERANDAHS, GANTRIES OR ROOFS:

VERANDAHS, GANTRIES OR ROOFS USED TO SUPPORT SCAFFOLDING MUST BE CERTIFIED AS SAFE FOR THE PURPOSE BY A COMPETENT PERSON SUCH AS A REGISTERED ENGINEER. THE LAYOUT OF THE SCAFFOLD, INCLUDING DETAILS OF SOLE PLATES AND THE PROPPING SYSTEM, IF ANY, MUST ALSO BE PROVIDED.

LIFTING APPLIANCES MOUNTED ON SCAFFOLDING:

HOISTS, WINCHES AND OTHER LIFTING APPLIANCES MAY BE MOUNTED ON SCAFFOLDING ONLY IF THE SCAFFOLD FRAMEWORK IS ADEQUATE IN STRENGTH OR IS SPECIALLY STRENGTHENED AND TIED BACK TO REDUCE VIBRATION AND WHIP. THE STRENGTHENING MUST BE CALCULATED WITH REFERENCE TO AN EFFECTIVE STATIC LOAD OF NOT LESS THAN TWO TIMES THE SAFE WORKING LOAD OF THE LIFTING APPLIANCE. WHERE THE LIFTING CAPACITY EXCEEDS 250 KG (2450 N), THE SCAFFOLD MUST BE STRENGTHENED TO THE DESIGN REQUIREMENT OF A REGISTERED ENGINEER.



DUTIES OF PRINCIPALS, CONTRACTORS, SCAFFOLDING ERECTORS AND USERS OF SCAFFOLDS:

ALL THOSE INVOLVED IN THE CONSTRUCTION WORK HAVE RESPONSIBILITIES FOR THE SCAFFOLDING PROCESS, AND FOR THE PROTECTION OF THOSE WHO USE THE SCAFFOLD IN THE COURSE OF THEIR WORK. WHILE THE ACTUAL SCAFFOLDING PROCESS CAN VARY FROM PROJECT TO PROJECT, IT IS UP TO THOSE INVOLVED TO CLARIFY THE VARIOUS RESPONSIBILITIES. THE FOLLOWING MAY PROVIDE SOME ASSISTANCE IN THE CLARIFICATION OF ROLES.

CONSTRUCTION COMPANY OWNERS HAVE RESPONSIBILITIES AS PRINCIPALS UNDER THE HSE (HEALTH & SAFETY EXECUTIVE) ACT. MAIN CONTRACTORS, PROJECT MANAGEMENT CONSULTANTS, AND SUBCONTRACTORS WHO PLAN OR ORDER A SCAFFOLD ERECTED HAVE RESPONSIBILITIES AS PRINCIPALS AND AS CONTRACTORS UNDER THE HSE ACT WITH RESPECT TO THE SCAFFOLD. SCAFFOLDING CONTRACTORS WHO ERECT THE SCAFFOLD, AND CONTRACTORS AND SUBCONTRACTORS WHO USE THE SCAFFOLD, HAVE RESPONSIBILITIES AS CONTRACTORS UNDER THE HSE ACT. EMPLOYEES OF ALL THE ABOVE HAVE RESPONSIBILITIES AS EMPLOYEES UNDER THE HSE ACT.

SPECIFIC DUTIES OF EACH PARTY TO THE SCAFFOLDING PROCESS MAY INCLUDE THE FOLLOWING.

(A) CONSTRUCTION COMPANY OWNERS AND PERSONS WHO CONTROL THE WORKPLACE NEED TO ENSURE THAT:

(I) ADEQUATELY QUALIFIED CONTRACTORS AND CONSULTANTS ARE EMPLOYED ON THE PROJECT.

(II) SUFFICIENT MONEY IS AVAILABLE TO FUND THE WORKS AND THE TEMPORARY WORKS SO THAT PROVISIONS CAN BE MADE TO PROTECT CONTRACTORS, EMPLOYEES AND OTHERS AGAINST THE VARIOUS HAZARDS THAT MAY ARISE.

(B) MAIN CONTRACTORS, PROJECT MANAGEMENT CONSULTANTS OR SUBCONTRACTORS WHO ENGAGE OTHERS OR CONTRACT FOR THE ERECTION OF A SCAFFOLD NEED TO:

(I) PLAN THE WORK TO BE CARRIED OUT FROM THE SCAFFOLD AND TO SPECIFY ANY SPECIAL REQUIREMENTS FOR THE SCAFFOLD, E.G. ANY LOADS THE SCAFFOLD MAY BE EXPECTED TO CARRY.

(II) COORDINATE THE ERECTION, USE AND DISMANTLING OF THE SCAFFOLD.

(III) ENSURE THE SAFETY OF OTHERS WHO MAY BE IN THE VICINITY OF THE SCAFFOLD, INCLUDING MEMBERS OF THE PUBLIC.

(IV) PROVIDE FOR PUBLIC PROTECTION INCLUDING GANTRIES, SCREENING. THIS MAY INCLUDE COORDINATION WITH LOCAL AUTHORITIES AND OBTAINING PERMITS AS NECESSARY.

(V) PROVIDE INFORMATION ABOUT THE FOUNDATION CONDITIONS FOR THE SCAFFOLD, INCLUDING INFORMATION ABOUT THE STRENGTH OF VERANDAHS AND SUSPENDED SLABS UPON WHICH THE SCAFFOLD IS TO BE ERECTED.

(VI) PROVIDE INFORMATION ABOUT THE PROXIMITY OF POWER LINES AND PROTECTIVE METHODS.

(VII) CLEARLY COMMUNICATE VIA SPECIFICATIONS, DRAWINGS, OR OTHER INFORMATIONS, THE SCOPE AND ALL REQUIREMENTS FOR THE SCAFFOLD REQUIRED, TO THE SCAFFOLDING ERECTOR.

(VIII) COORDINATE/DELEGATE ALL SUBSEQUENT INSPECTIONS AND ALTERATIONS NEEDED TO ENSURE THE SAFETY OF THE SCAFFOLD AND THOSE USING THE SCAFFOLD. THIS WILL INCLUDE THE NEED TO ENSURE THAT A SCAFFOLD REGISTER OR SCAFFOLD RECORD SYSTEM IS KEPT UP TO DATE.

(IX) ENSURE PROTECTION OF THE SCAFFOLD FROM CONSTRUCTION VEHICLES OR OTHER VEHICLES IN THE VICINITY, INCLUDING COORDINATION OF CRANE ACTIVITIES OVER THE SCAFFOLD.

(C) SCAFFOLDING ERECTION COMPANIES MUST:

(I) DEVELOP A CLEAR UNDERSTANDING OF THE SCAFFOLD REQUIRED AND THE WORK THAT IS TO BE CARRIED OUT FROM THE SCAFFOLD, INCLUDING THE NEED FOR PROTECTIVE GANTRIES, SCREENING, FOUNDATION CONDITIONS, POWER CABLES.

(II) DESIGN AND PLAN THE SCAFFOLD AND THE ERECTION PROCESS, INCLUDING COORDINATION WITH OTHERS WHO ARE IN THE VICINITY, TO ENSURE SAFETY DURING CONSTRUCTION, USE, ALTERATION AND LATER DISMANTLING OF THE SCAFFOLD.

(III) PROVIDE A SCAFFOLD THAT COMPLIES WITH THE MANUFACTURER'S SPECIFICATION AND THE CODE OF PRACTICE.

(IV) UPON COMPLETION OF THE ERECTION OF THE SCAFFOLD, INSPECT AND CERTIFY THAT IT IS SAFE TO USE, AND TO HAND OVER THE SCAFFOLD TO THEIR PRINCIPAL, THE HAND OVER MUST INCLUDE ANY INFORMATION THAT COULD AFFECT SUBSEQUENT USERS OF THE SCAFFOLD, AND ANY LIMITATIONS OF THE SCAFFOLD.

(V) COORDINATE WITH THE PRINCIPAL ON THE NEED FOR SUBSEQUENT INSPECTIONS AND ALTERATIONS AS WORK PROCEEDS ON THE PROJECT, E.G. ALTERATION OF WORKING PLATFORMS, INCREASING THE HEIGHT OF THE SCAFFOLD, ETC.

(D) USERS OF THE SCAFFOLD MUST:

(I) UNDERSTAND ANY LIMITATIONS OF THE SCAFFOLD THAT COULD AFFECT THEIR WORK, E.G. LOAD LIMITS.

(II) NOT ALTER THE SCAFFOLD IN ANY WAY THAT COULD AFFECT ITS SAFETY.

(III) LIAISE WITH THE MAIN CONTRACTOR OR THE SCAFFOLD ERECTOR TO HAVE TIES, WORK PLATFORMS, RELOCATED OR ALTERED, ETC., AS NECESSARY.

(IV) CARRY OUT THEIR OWN WORKS SO AS NOT TO ENDANGER OTHERS IN THE VICINITY.

SUSPENDED SCAFFOLDS:

THIS PART DEALS WITH SUSPENDED SCAFFOLDS, WHICH ARE WORKING PLATFORMS THAT:

A. ARE SUSPENDED BY ROPES FROM OVERHEAD OUTRIGGERS, PARAPET HOOKS OR BRACKETS FIXED TO A BUILDING OR STRUCTURE; AND

B. ARE CAPABLE OF BEING RAISED AND LOWERED BY HAND HAULAGE ON FIBRE ROPES, OR BY HOISTS THAT ARE EITHER MANUALLY OR MECHANICALLY OPERATED.

NOTE: A PLATFORM HELD BY ROPES OR SPECIAL HANGERS IN A SET POSITION AS A "HANGING SCAFFOLD" IS NOT A SUSPENDED SCAFFOLD BUT IS CLASSIFIED AS A SPECIAL SCAFFOLD.

TYPES OF SUSPENDED SCAFFOLDS:

THE MORE USUAL SUSPENDED SCAFFOLDS ARE:

A. SWINGING STAGE (MANUAL): THIS HAS TWO POINTS OF OVERHEAD SUSPENSION AND IS RAISED OR LOWERED BY HAND HAULAGE ON ROPE FALLS.

B. SWINGING STAGE (MECHANICAL): THIS HAS TWO POINTS OF OVERHEAD SUSPENSION AND IS RAISED OR LOWERED BY POWER–OPERATED HOISTS CONTROLLED ON THE STAGE.

C. BOATSWAIN'S CHAIR (MANUAL): THIS HAS A SINGLE OVERHEAD SUSPENSION AND IS SELF–RAISED OR LOWERED BY HAND HAULAGE ON ROPE FALLS.

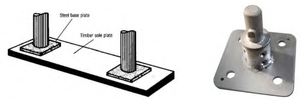
D. SUSPENDED SAFETY CHAIR (MECHANICAL): THIS HAS A SINGLE OVERHEAD SUSPENSION AND IS RAISED OR LOWERED BY A POWER–OPERATED HOIST CONTROLLED ON THE PLATFORM.

E. MULTI–POINT SUSPENDED PLATFORMS: THESE ARE PLATFORMS THAT HAVE MORE THAN TWO POINTS OF OVERHEAD SUSPENSION, WITH POWER– OR MANUALLY–OPERATED HOISTS.

NOTE: A BOATSWAIN'S CHAIR AND SWINGING STAGE (MANUAL) MUST BE RAISED OR LOWERED FROM THE PLATFORM UNLESS OTHERWISE APPROVED BY THE INSPECTOR.

FOUNDATIONS:

SCAFFOLDING FOUNDATIONS MUST BE ADEQUATE TO CARRY THE WHOLE WEIGHT OF THE SCAFFOLD, INCLUDING THE IMPOSED LOADS, AND MUST BE MAINTAINED IN A STABLE CONDITION DURING THE LIFE OF THE SCAFFOLD. STEEL BASE PLATES MUST BE USED UNDER ALL STANDARDS.
WHEN SCAFFOLDS ARE SUPPORTED ON THE GROUND, SUITABLE SOLE PLATES MUST BE USED TO SPREAD THE LOAD. THE SOLE PLATES SHOULD PREFERABLY BE LONG ENOUGH TO SUPPORT AT LEAST TWO STANDARDS. (SEE FIG. BELOW).
TIMBER SOLE PLATES MUST BE NOT LESS THAN 200 X 38 X 500 MM LONG. BRICKS, BLOCKS AND SIMILAR LOOSE MATERIAL ARE UNSUITABLE AS THEY ARE LIABLE TO FALL OVER OR SPLIT, AND ARE EASILY DRIVEN INTO THE GROUND.
WHERE THE FOUNDATION IS LEVELLED CONCRETE OF ADEQUATE THICKNESS OR OF A SIMILAR HARD SURFACE, THE SOLE PLATE MAY BE OMITTED, BUT STEEL BASE PLATES MUST BE PROVIDED AT THE BOTTOM OF ALL STANDARDS



SAFETY HARNESSES AND LIFELINES:

THIS SECTION APPLIES TO ALL SUSPENDED WORKING PLATFORMS.
EVERY WORKER ON A SUSPENDED WORKING PLATFORM MUST WEAR A SAFETY HARNESS THAT IS SECURED TO A FIXED SUPPORT OR TO AN INDEPENDENT LIFELINE EXCEPT:

A. WHERE THE PLATFORM IS A BOATSWAIN'S CHAIR THAT HAS MORE THAN ONE EFFECTIVE MEANS OF SUPPORT; OR

B. WHERE THE PLATFORM IS SO DESIGNED AND CONSTRUCTED THAT IT WOULD REMAIN SAFELY SUSPENDED NOTWITHSTANDING THE FAILURE OF ONE ROPE OR SUSPENSION, IN WHICH CASE THE HARNESS MAY BE SECURED TO THE PLATFORM.

A SAFETY HARNESS WORN BY A WORKER MUST, IF THE WORKER FALLS FROM THE PLATFORM, SUSPEND THE WORKER NOT MORE THAN 1.5 M BELOW THE PLATFORM AND MUST BE SO DESIGNED THAT THE FORCE ARRESTING THE FALL DOES NOT EXCEED 8 KN.
A LIFELINE MUST BE USED BY ONLY ONE WORKER AT A TIME, AND MUST EITHER EXTEND TO THE GROUND OR BE PROVIDED WITH A POSITIVE STOP TO PREVENT THE HARNESS RUNNING OFF THE END OF THE LINE. THE LINE MUST HAVE A MINIMUM BREAKING STRENGTH OF 29.4 KN AND BE OF NYLON AT LEAST 12 MM IN DIAMETER; OR OF POLYPROPYLENE OR OTHER EQUALLY DURABLE MATERIAL AT LEAST 16 MM IN DIAMETER.
WHERE A PLATFORM HAS ONLY ONE ROPE AT EACH SUPPORT, THE HARNESS LANYARD MUST BE ATTACHED BY A GRAVITY LOCK DEVICE TO AN INDEPENDENT LIFELINE.
THE INDEPENDENT LIFELINE MAY BE FIXED:

A. DIRECTLY TO AN ANCHOR SET IN THE BUILDING THAT WILL WITHSTAND A VERTICAL LOAD OF 24 KN;

B. TO A SEPARATE ANCHORAGE ON THE SAME OUTRIGGER (NEEDLE) SUPPORTING THE PLATFORM PROVIDED THAT:

- THE DISTANCE ALONG THE CANTILEVER SECTION (FROM ITS SUPPORT TO THE ANCHORAGE) IS NOT MORE THAN 1/3 OF THE TOTAL CANTILEVER LENGTH;
- THE COUNTERWEIGHT, IF USED, IS MECHANICALLY ATTACHED TO THE OUTRIGGER; AND
- THE OUTRIGGER IS SECURE AGAINST SLIDING.

WHERE A PLATFORM HAS TWO INDEPENDENT ROPES AT EACH SUSPENSION, THE OPERATOR'S SAFETY BELT LANYARD MAY BE ATTACHED TO A SUITABLE ANCHORAGE ON THE PLATFORM.
THE TWO ROPES USED AT EACH SUPPORT OF THE PLATFORM MAY BE ATTACHED TO THE SAME OUTRIGGER BY SEPARATE ANCHORAGES, PROVIDED THE OUTRIGGER IS MADE OF STRUCTURAL STEEL. FOR EXAMPLE, THREE LUGS SUPPORTING A COMMON PIN IS CONSIDERED TO PROVIDE TWO SEPARATE ANCHORAGES IF ONE ROPE ONLY IS SET BETWEEN EACH PAIR OF LUGS.

ANTI-TILT SWITCH DEVICES:

ALL SUSPENDED WORKING PLATFORMS MUST BE FITTED WITH TILT SWITCHES WHICH CUT OFF THE MOTORS IN THE EVENT OF THE PLATFORM BECOMING MORE THAN 10° OUT OF LEVEL.

ACCESS, WARNING NOTICES AND PROTECTION OF THE PUBLIC:

WHEREVER REASONABLE AND PRACTICABLE, PROVISION MUST BE MADE AT INTERMEDIATE WORKING LEVELS FOR ACCESS TO THE WORKING PLATFORM FOR WORKERS AND MATERIALS.
WHERE SUSPENDED SCAFFOLDS ARE ABOVE THOROUGHFARES, ADEQUATE AND PROMINENT WARNING NOTICES MUST BE DISPLAYED. IN ADDITION, IF ANY SPECIAL DANGER EXISTS, ADEQUATE PROTECTION OF THE PUBLIC MUST BE PROVIDED. THE ACCUMULATION OF SURPLUS GEAR OR MATERIALS ON ANY SUSPENDED SCAFFOLD IS HAZARDOUS AND MUST BE AVOIDED.

ENGINEER'S CERTIFICATE:

A REGISTERED ENGINEER'S DESIGN CERTIFICATE FOR WORKING LOADS IN EXCESS OF THE LIVE LOADS SPECIFIED FOR THE VARIOUS TYPES OF SUSPENDED SCAFFOLDS MAY BE REQUIRED BY AN INSPECTOR.

SCAFFOLD REGISTER:

THE FOLLOWING INFORMATION SHOULD BE PROVIDED IN THE REGISTER:

- PROJECT NAME: ADDRESS:
- MAIN CONTRACTOR (NAME, ADDRESS, CONTACT NAME):
- LOCATION (SPECIFY BUILDING GRIDS ETC):
- REASON FOR SCAFFOLD (I.E. ERECT CLADDING, ERECT RAINWATER DISPOSAL SYSTEM, ETC)
- SCAFFOLD SUBCONTRACTOR (NAME, ADDRESS, CONTACT NAME, PHONE NUMBER):
- SUBCONTRACTORS WHO ARE TO USE THE SCAFFOLD (E.G. PLUMBER, WALL CLADDER, PAINTER):
- OVERALL DIMENSIONS (LENGTH, HEIGHT, WIDTH, ETC.):
- NUMBER OF WORKING PLATFORMS:
- DUTY OF SCAFFOLD (LIGHT, MEDIUM, HEAVY, SPECIAL, ETC.):
- LIMITATIONS (IF ANY):
- OTHER COMMENTS:

INSPECTION RECORD:

A. BEFORE FIRST USE (DATE, INSPECTOR, SIGNED OFF).

B. REGULAR INSPECTIONS (DATE, INSPECTOR, SIGNED OFF).

C. AFTER MODIFICATION (DATE, INSPECTOR, SIGNED OFF).

D. AFTER STORM OR POTENTIALLY DAMAGING INCIDENT (DATE, INSPECTOR, SIGNED OFF).

MECHANICAL OPERATION:

ELECTRIC AND AIR–OPERATED HOISTS, INCLUDING CABLE CLIMBING DEVICES, MUST BE CONTROLLED FROM THE STAGE PLATFORM. THEY MUST HAVE A PUSHBUTTON OR 'DEAD–MAN' LEVER CONTROL THAT WILL STOP AND AUTOMATICALLY LOCK THE MOTOR AND HOIST WHEN PRESSURE ON THE CONTROL SWITCH OR LEVER IS REMOVED. HAND–OPERATED RELEASE TO ALLOW A FASTER DESCENT THAN NORMAL IS NOT PERMITTED. EACH CONTROL MUST BE INDIVIDUALLY OPERATED. ON NO ACCOUNT MUST CONTROLS BE TIED OR OTHERWISE FIXED IN POSITION. RATCHET AND PAWL MANUALLY–OPERATED HOISTS MUST HAVE A POSITIVE LOCKING DEVICE SO ARRANGED THAT THE STAGE MAY BE SECURELY HELD AT ANY LEVEL AND THAT THE PAWL AUTOMATICALLY ENGAGES WHEN RELEASED FROM HAND CONTROL.

WIRE ROPES MUST BE OF SUITABLE QUALITY AND OF ADEQUATE STRENGTH AND LENGTH. THE FACTOR OF SAFETY FOR NEW WIRE ROPE MUST BE NOT LESS THAN 10. WIRES MUST FEED ON TO DRUMS EVENLY AND THERE MUST BE SUFFICIENT SPACE FOR ALL WIRE TO BE ACCOMMODATED ON THE DRUM BELOW THE FLANGES.

ANCHORAGES:

HOISTING WIRES OR TACKLE MUST BE ANCHORED TO A SECURE PART OF THE STRUCTURE, TO OUTRIGGERS, TO SPECIALLY DESIGNED BRACKETS AND PARAPET HOOKS, OR DIRECTLY TO COUNTERWEIGHTS.

ALL STRUCTURES, PARAPETS, AND OTHER SUPPORTS MUST BE OF SUCH CONDITION AND DESIGN TO SUPPORT THE ANCHORAGE WITHOUT DANGER OF FAILURE OR DISTORTION AND TO GIVE A FACTOR OF SAFETY OF AT LEAST 3 UNDER THE WORST CONDITIONS. THE CONTRACTOR MAY BE REQUIRED TO SUPPLY A REGISTERED ENGINEER'S REPORT ON THE SUITABILITY OF THE STRUCTURE, PARAPET OR SUPPORT.

BRACKETS AND PARAPET HOOKS:

BRACKETS, PARAPET HOOKS AND ATTACHMENTS MUST BE DESIGNED BY A REGISTERED ENGINEER. A MINIMUM FACTOR OF SAFETY OF 3 IS REQUIRED ON THE COMBINED DEAD AND LIVE LOADING OF THE SCAFFOLD. ALL WELDING FOR THESE STRUCTURAL COMPONENTS MUST BE DONE BY A CERTIFICATED WELDER.

PARAPET HOOKS AND BRACKETS MAY BE USED ONLY IF:

A. THE PARAPET IS STRUCTURALLY SOUND;

B. THE HOOK FITS THE PARAPET SNUGLY, AND IS SO POSITIONED THAT IT CANNOT BE DISLODGED; AND

C. THE PARAPET IS DEEP ENOUGH TO ALLOW AT LEAST 300 MM OF HOOK DOWN THE INSIDE.

WORKING PLATFORMS, GUARDRAILS, MIDRAILS AND TOEBOARDS:

PLATFORMS MAY BE OF ANY ACCEPTABLE MATERIAL PROVIDED THAT THEY ARE STRONG ENOUGH FOR THE PURPOSE, AND ARE DESIGNED, CONSTRUCTED AND ASSEMBLED ACCORDING TO SOUND AND ACCEPTED ENGINEERING PRACTICE.

GUARDRAILS AND MIDRAILS MUST BE PROVIDED ON BOTH SIDES AND BOTH ENDS OF SWINGING STAGES WHERE WORKERS CAN STAND, AND ON THE OUTSIDE AND BOTH ENDS OF OTHER SUSPENDED SCAFFOLDS.

TOEBOARDS MUST BE PROVIDED ON ALL TYPES OF SUSPENDED SCAFFOLDS WHICH CARRY TOOLS AND MATERIALS, WITH THE EXCEPTION OF BOATSWAIN'S CHAIRS. MIDRAILS MAY BE OMITTED IF THE TOEBOARDS ARE OF A MINIMUM HEIGHT OF 225 MM.

THE PLATFORM, TOEBOARD, MIDRAIL AND GUARDRAIL MUST BE SECURELY FIXED TOGETHER TO FORM A COMPLETE UNIT.

COUNTERWEIGHTING OF OUTRIGGERS:

WHERE AN OUTRIGGER IS STABILISED BY COUNTERWEIGHTS, THE FACTOR OF SAFETY AGAINST OVERTURNING MUST BE AT LEAST 3. TO DETERMINE THE COUNTERWEIGHT REQUIRED, THE TABLE BELOW MAY BE USED; ALTERNATIVELY THE COUNTERWEIGHT MAY BE CALCULATED USING THE FORMULA BELOW. (SEE FIGURE 21.)

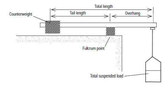


Fig. 21 Counterweighting of outriggers.

Overhang (mm)	Total Length (m)						
	3.6	4.0	4.4	4.8	5.2	5.6	6.0
500	193	171	154	140	133		
600	240	212	189	171	157	144	133
700	296	255	227	205	187	171	158
800	343	300	267	240	218	200	185
900	400	348	308	277	251	230	212
1000		400	353	316	286	261	240
1100			400	357	322	293	269
1200				400	360	327	300
1300					400	363	332
1400						400	365
1500							400

Counterweight required (kg)

SUSPENDED SCAFFOLDS:

A. IT SHALL BE UNLAWFUL FOR AN INDIVIDUAL TO ERECT, DISMANTLE, REPAIR, MAINTAIN OR MODIFY ANY SUPPORTED SCAFFOLD, OR BE ON ANY SUPPORTED SCAFFOLD ASSISTING IN THE ERECTION, DISMANTLING, REPAIR, MAINTENANCE OR MODIFICATION OF ANY SUPPORTED SCAFFOLD UNLESS SUCH INDIVIDUAL HAS BEEN ISSUED A SUPPORTED SCAFFOLD CERTIFICATE OF FITNESS.

B. IF A SCAFFOLD IS OVER 75' THERE MUST BE APPROVED DRAWINGS AND THESE MUST BE SIGNED–OFF BY A PROFESSIONAL ENGINEER. OSHA FEDERAL REGULATIONS ALSO REQUIRE THE DESIGNATION OF A COMPETENT PERSON WHO IS PROPERLY TRAINED AND CAN PERFORM A DAILY INSPECTION OF THE SCAFFOLD PRIOR TO EACH DAY'S USE. THE RESULTS OF THESE INSPECTIONS SHOULD BE PLACED IN A DAILY LOGBOOK AVAILABLE AT THE JOB SITE.

C. IT SHALL BE UNLAWFUL FOR ANY PERSON TO KNOWINGLY PERMIT OR CAUSE AN INDIVIDUAL WHO HAS NOT BEEN ISSUED A SUPPORTED SCAFFOLD USER CERTIFICATE OF FITNESS TO ERECT, DISMANTLE, REPAIR, MAINTAIN OR MODIFY ANY SUPPORTED SCAFFOLD OR TO BE ON ANY SUPPORTED SCAFFOLD ASSISTING IN THE ERECTION, DISMANTLING, REPAIR, MAINTENANCE OR MODIFICATION OF ANY SUPPORTED SCAFFOLD. IT IS IN VIOLATION FOR EVERY DAY THAT EACH UNCERTIFIED INDIVIDUAL SAID PERSON KNOWINGLY PERMITS WORK ON ANY SUPPORTED SCAFFOLD.

D. OSHA LAWS REQUIRES THAT THE APPLICANT SUCCESSFULLY COMPLETE A TRAINING PROGRAM OR COURSE ON SCAFFOLDS. THE PROGRAM MUST BE AT LEAST 32 HOURS AND MUST BE CERTIFIED AND APPROVED BY OSHA AND CONDUCTED BY A RECOGNIZED TRAINING COMPANY OR UNION APPROVED BY THE DOB. EACH INDIVIDUAL MUST MAINTAIN HIS CERTIFICATE OF FITNESS BY COMPLETING AT LEAST ONCE EVERY TWO YEARS AN APPROVED EIGHT HOUR SCAFFOLD SAFETY TRAINING REFRESHER PROGRAM.

E. IF A PERSON CAN PROVE THAT WITHIN THE LAST TEN YEARS PRIOR TO THE EFFECTIVE DATE, THAT HE OR SHE HAS SUCCESSFULLY COMPLETED AN APPROVED SCAFFOLD SAFETY AND TRAINING PROGRAM AND PAYS THE REQUIRED FEE, THAT PERSON MAY ALSO BE ISSUED A CERTIFICATE OF FITNESS.

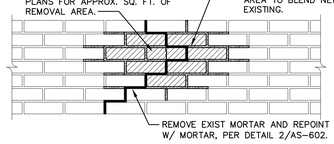
F. ALL SUPPORTED SCAFFOLD CERTIFICATES OF FITNESS SHALL HAVE THE AUTHORIZED INSPECTORS SIGNATURE, OR AUTHORIZED SUBORDINATE AFFIXED THERETO.

G. REGULATORY AUTHORITY SHALL HAVE THE POWER TO REVOKE, SUSPEND OR LIMIT THE CERTIFICATION OF ANY PERSON UPON FINDING SUCH PERSON HAS WILLFULLY OR NEGLIGENTLY VIOLATED RULES. (DOL LABOR LAW §§27–a,27.29 PART 23 PROTECTION IN CONSTRUCTION, DEMOLITION AND EXCAVATION OPERATIONS SUBPART 23–5 SCAFFOLDING)

SIDEWALK SHEDS:

A SIDEWALK SHED IS A STRUCTURE WHICH MAY BE CONSIDERED BY OSHA TO BE ANOTHER TYPE OF SUPPORTED SCAFFOLD. IT IS CONSTRUCTED TO PROTECT PEDESTRIANS FROM OBJECTS FALLING FROM A BUILDING OR CONSTRUCTION SITE. OWNERS MAY HAVE TO ERECT A SIDEWALK SHED BEFORE BEGINNING THE RENOVATION OF A BUILDING FAÇADE, CONSTRUCTION OF A NEW BUILDING OR DEMOLITION OF AN EXISTING STRUCTURE. THE NECESSITY TO ERECT SUCH A SIDEWALK SHED IS DEPENDENT UPON THE HEIGHT OF THE BUILDING BEING REPAIRED, CONSTRUCTED OR DEMOLISHED AND THE HORIZONTAL DISTANCE BETWEEN THE STRUCTURE AND THE INSIDE EDGE OF THE SIDEWALK.

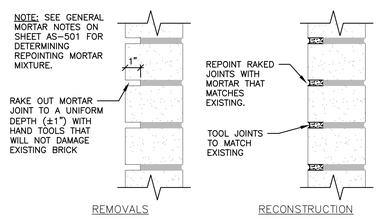
1. A SIDEWALK SHED IS REQUIRED WHEN CONSTRUCTION WORK IS OVER 40 FEET HIGH OR 25 F



CRACKED OR SPALLED

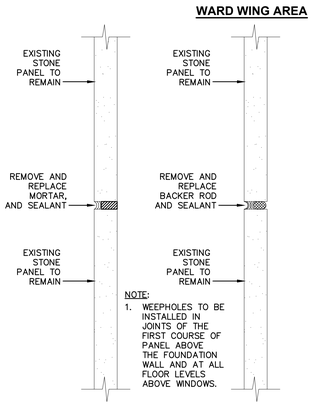
1 MASONRY REPAIR DETAIL

N.T.S. (KEYED NOTE 1)



2 BRICK JOINT REPOINTING DETAIL

SCALE: 3"=1'-0" (KEYED NOTE 2)

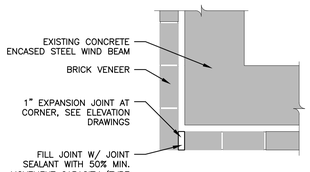


3 REPLACE MORTAR & SEALANT

N.T.S. (KEYED NOTE 31)

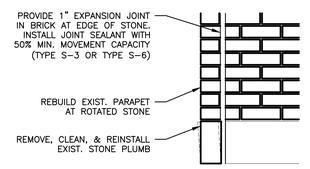
3A REPLACE BACKER ROD SEALANT

N.T.S. (KEYED NOTE 32)



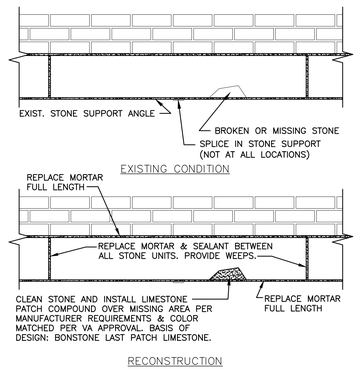
4 EXPANSION JOINT AT CORNER

SCALE: 1"=1'-0" (KEYED NOTE 41)



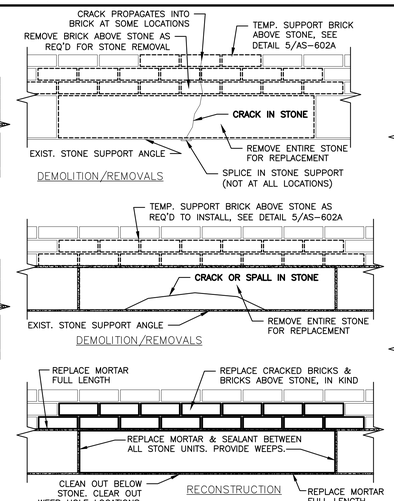
5 ROTATED STONE REPAIR

SCALE: 1"=1'-0" (KEYED NOTE 41)



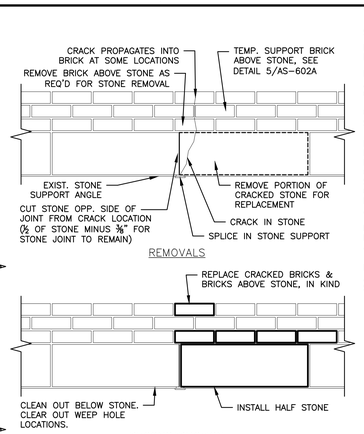
6 PATCH STONE UNIT DETAIL

SCALE: 1"=1'-0" (KEYED NOTE 10)



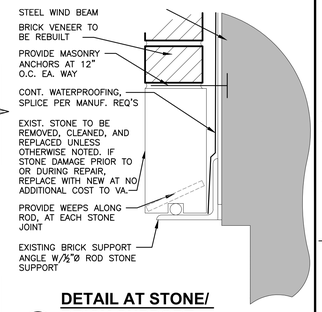
7 REPLACE STONE UNIT DETAIL

SCALE: 1"=1'-0" (KEYED NOTE 11)



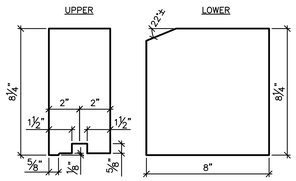
7A DETAIL AT CRACKED STONE AT SUPPORT SPLICE

SCALE: 1"=1'-0" (KEYED NOTE 11)



13 DETAIL AT STONE/ BRICK SUPPORT

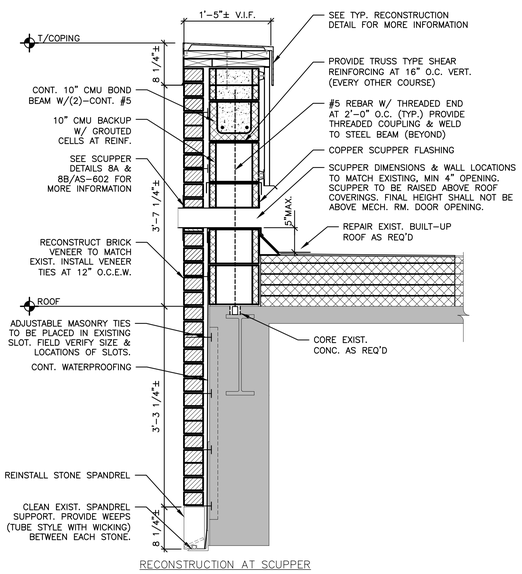
SCALE: 3"=1'-0" (KEYED NOTE 41)



NOTE:
DIMENSIONS ARE BASED ON LIMITED INFORMATION. COORDINATE & MATCH DIMENSIONS WITH EXISTING STONE

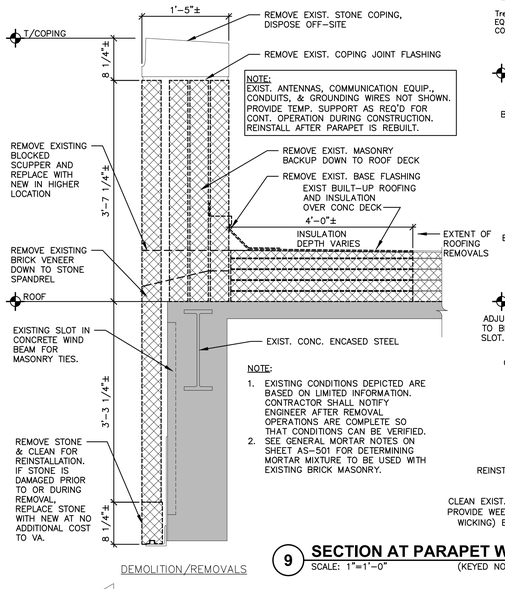
14 STONE DIMENSIONS DETAIL

SCALE: 3" = 1'-0"



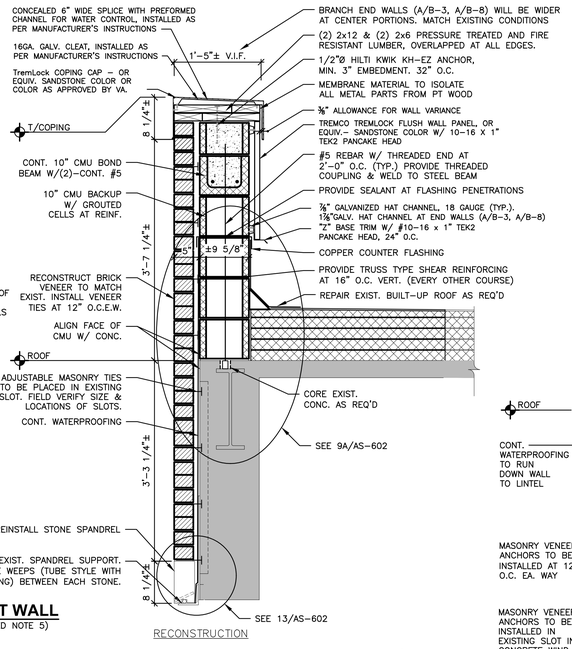
8A SECTION AT PARAPET WALL

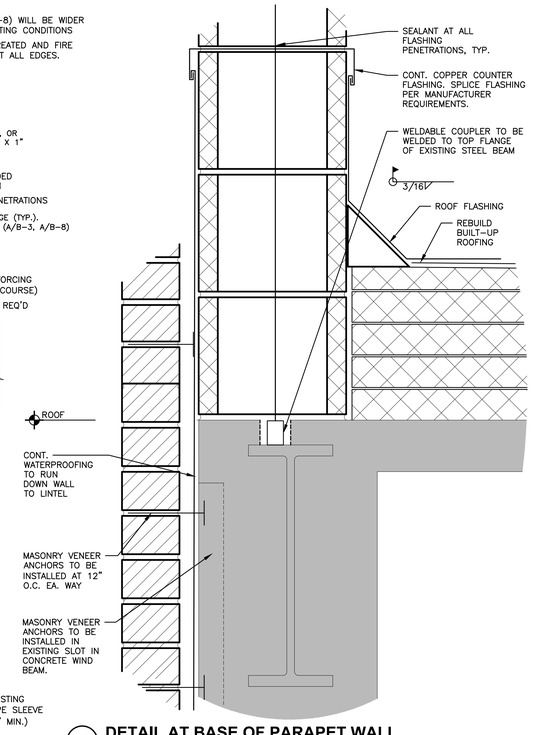
SCALE: 1"=1'-0" (KEYED NOTE 4)



9 SECTION AT PARAPET WALL

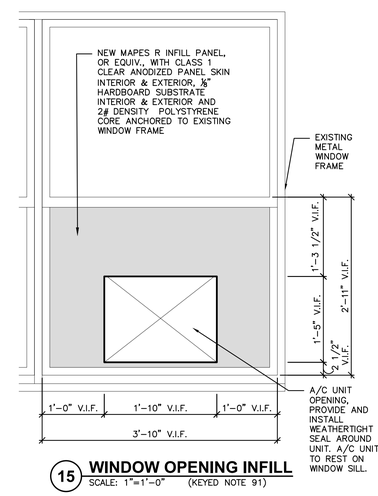
SCALE: 1"=1'-0" (KEYED NOTE 5)





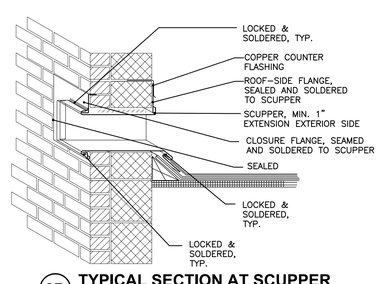
9A DETAIL AT BASE OF PARAPET WALL

SCALE: 3"=1'-0"



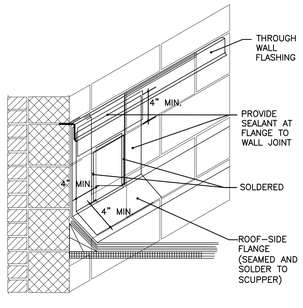
15 WINDOW OPENING INFILL

SCALE: 1"=1'-0" (KEYED NOTE 91)



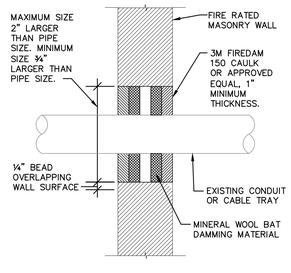
8B TYPICAL SECTION AT SCUPPER

SCALE: N.T.S. (KEYED NOTE 4)



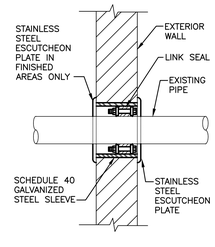
8C TYPICAL SCUPPER ROOF VIEW

SCALE: N.T.S. (KEYED NOTE 4)



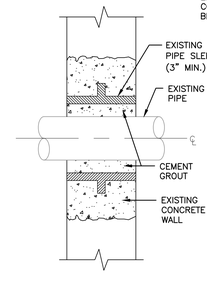
10 CONDUIT PENETRATION IN FIRE RATED MASONRY PARTITION

N.T.S. (KEYED NOTE 30)



11 EXTERIOR WALL PENETRATION DETAIL

N.T.S. (KEYED NOTE 30)

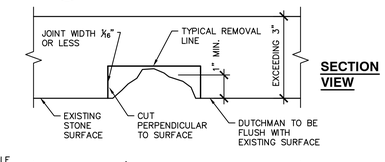


12 TYPICAL CONCRETE WALL PENETRATION DETAIL

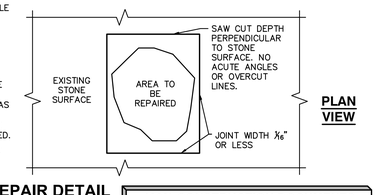
N.T.S. (KEYED NOTE 30)

DUTCHMAN REPAIR NOTES:

1. SAW CUT AROUND THE AREA TO BE REPAIRED TO A DEPTH EXCEEDING DAMAGE AT AN ANGLE PERPENDICULAR TO THE STONE SURFACE. IF CUTS ARE MADE WITH A SAW, DO NOT OVER-CUT THE EDGES SUCH THAT THE TOPS OF THE CUT LINES OVERLAP. STOP THE CUT WHERE THE TOPS OF THE CUTS MEET AND REMOVE TO THE DEPTH REQUIRED BY ANOTHER METHOD.
2. ACUTE ANGLES BETWEEN SAW CUT LINES ARE TO BE AVOIDED.
3. ALL DAMAGED OR LOOSE STONE IS TO BE REMOVED FROM THE REPAIR AREA TO PROVIDE SOUND MATERIAL AND FLAT AREA FOR THE DUTCHMAN TO BOND TO.
4. CUT DUTCHMAN UNIT TO ACCURATELY FIT INTO AREA REMOVED, JOINTS SHALL NOT BE MORE THAN 1/16" IN WIDTH.
5. DUTCHMAN SHALL MATCH COLOR AND NATURAL BEDDING PLANES OF THE ORIGINAL STONE, AS APPROVED BY COR.
6. PROVIDE ⅜" STAINLESS STEEL STONE REPAIR PINS AS NECESSARY FOR THE EXTEND OF THE REPAIR. PINS SHALL BE 1" MIN. AWAY FROM THE FACE OF THE STONE, AND EQUALLY SPACED. DRILL STONES FOR PIN PLACEMENT. VACUUM HOLES PRIOR TO PLACING PINS AND ADHESIVE.
7. APPLY STONE TO STONE ADHESIVE AS PER THE MANUFACTURER'S RECOMMENDATIONS. COAT ALL BONDING SURFACES AND COMPLETELY FILL ALL JOINTS AND VOIDS.
8. SURROUNDING AREA SHALL BE PROTECTED FROM EXCESSIVE ADHESIVE. EXCESSIVE ADHESIVE SHALL BE CLEANED IMMEDIATELY.



SECTION VIEW



PLAN VIEW

16 DUTCHMAN REPAIR DETAIL

N.T.S. (KEYED NOTE 13)

100% CONSTRUCTION DOCUMENTS

Revisions	Date

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ARCHITECT/ENGINEERS:

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

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Drawing Title: DETAILS

Project Title: VA STRATTON FACADE A WING REPAIRS

Project Number: 528A8-21-812

Building Number: 1

Approved Engineering Manager: DEPT OF VETERANS AFFAIRS NETWORK CONTRACTING OFFICE 2 2875 UNION ROAD, SUITE 3500 CHEEKTOWAGA, NY 14227

Location: ALBANY, NY

Date: 10-25-24 | Checked: JDF | Drawn: SRB, SLB

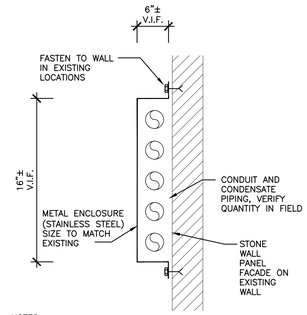
Drawing Number: AS-602

Dwg. 16 of 20

Office of Construction and Facilities Management
Department of Veterans Affairs

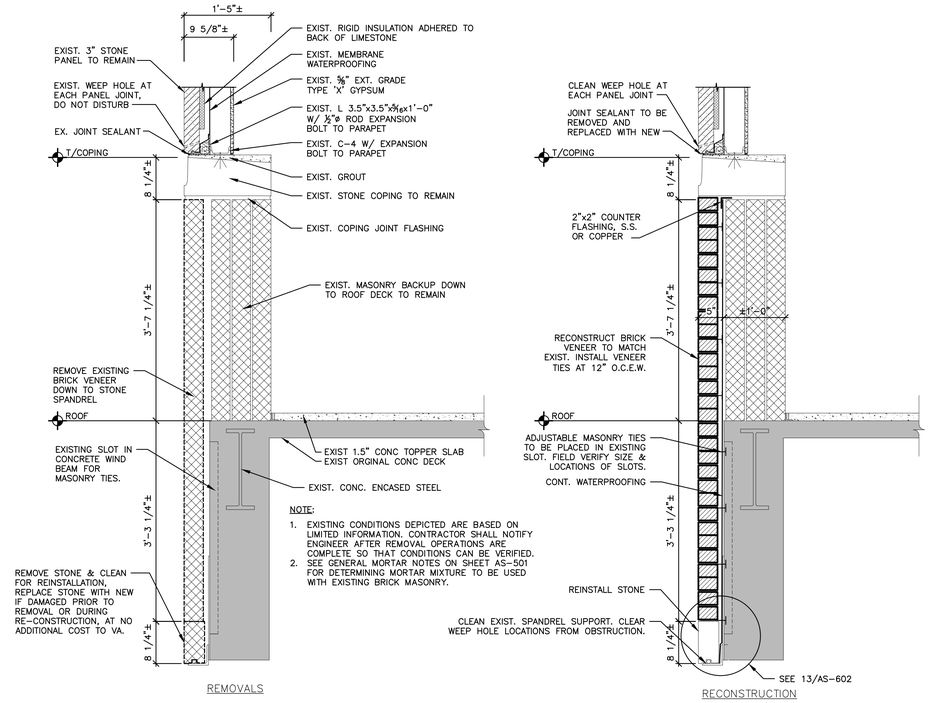
VA FORM 08-6231

F:\2023\23-030 VA STRATTON FACADE, PHASE IA\PHASE IA - RE-BID SET (A WING & CHAPEL)\AS-602 & AS-602A DETAILS.dwg 10-23-24 1:48:45 AM jcl



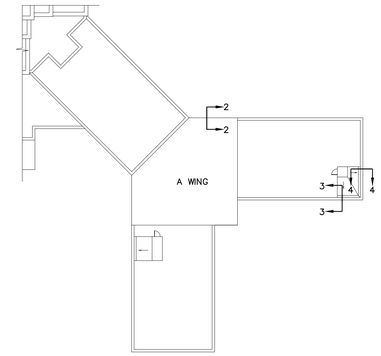
NOTES:
1. CONTRACTOR TO PROVIDE FOR METAL ENCLOSURE AROUND EXISTING CONDUIT AND REFRIGERANT PIPING.
2. OVERLAP SEAMS MIN. 1", MECHANICALLY SECURE AND SEAL.

1 STAINLESS STEEL METAL ENCLOSURE DETAIL
N.T.S.

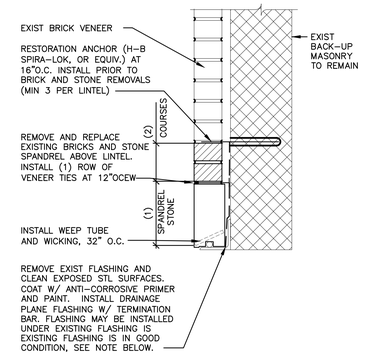


NOTE:
1. EXISTING CONDITIONS DEPICTED ARE BASED ON LIMITED INFORMATION. CONTRACTOR SHALL NOTIFY ENGINEER AFTER REMOVAL OPERATIONS ARE COMPLETE SO THAT CONDITIONS CAN BE VERIFIED.
2. SEE GENERAL MORTAR NOTES ON SHEET AS-501 FOR DETERMINING MORTAR MIXTURE TO BE USED WITH EXISTING BRICK MASONRY.

2 SECTION AT WARD PARAPET WALL
SCALE: 1"=1'-0" (KEYED NOTE 5)

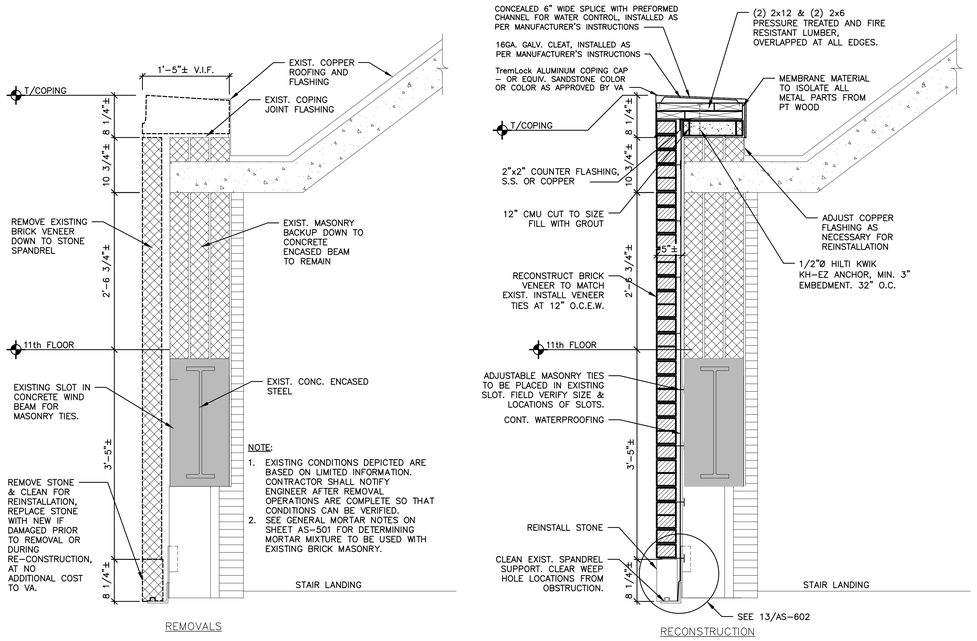


KEY PLAN
N.T.S.



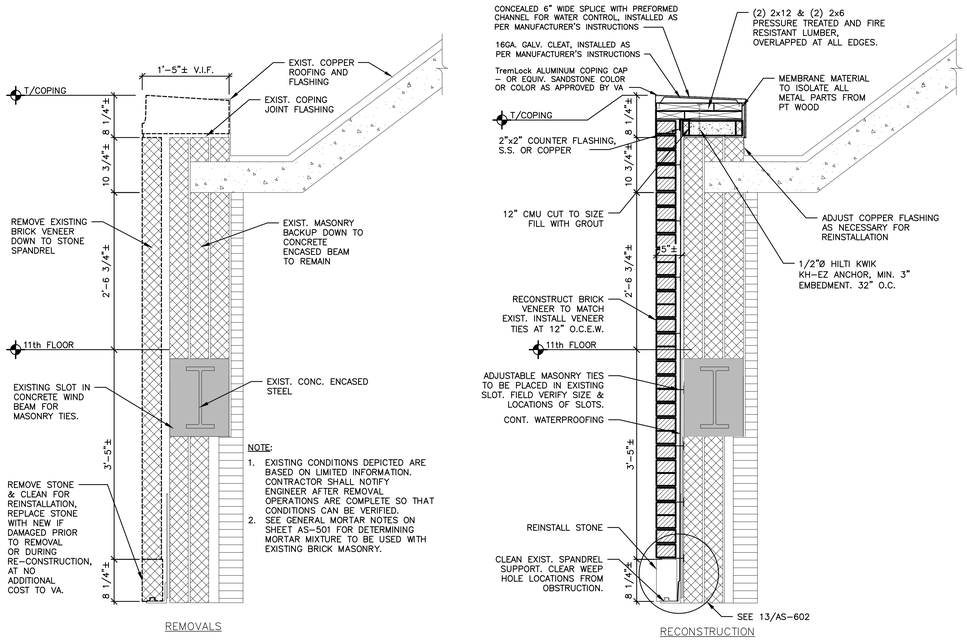
NOTE:
1. EXISTING CONDITIONS DEPICTED ARE BASED ON LIMITED INFORMATION. CONTRACTOR SHALL NOTIFY ENGINEER AFTER REMOVAL OPERATIONS ARE COMPLETE SO THAT CONDITIONS CAN BE VERIFIED.

5 TYPICAL SECTION AT WINDOW LINTEL
SCALE: 1-1/2"=1'-0" (KEYED NOTE 11)



NOTE:
1. EXISTING CONDITIONS DEPICTED ARE BASED ON LIMITED INFORMATION. CONTRACTOR SHALL NOTIFY ENGINEER AFTER REMOVAL OPERATIONS ARE COMPLETE SO THAT CONDITIONS CAN BE VERIFIED.
2. SEE GENERAL MORTAR NOTES ON SHEET AS-501 FOR DETERMINING MORTAR MIXTURE TO BE USED WITH EXISTING BRICK MASONRY.

3 SECTION AT STAIRWELL SIDE WALL
SCALE: 1"=1'-0" (KEYED NOTE 5)



NOTE:
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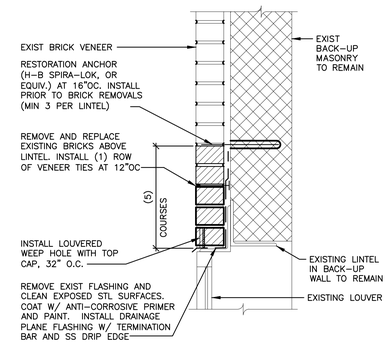
2. SEE GENERAL MORTAR NOTES ON SHEET AS-501 FOR DETERMINING MORTAR MIXTURE TO BE USED WITH EXISTING BRICK MASONRY.

4 SECTION AT STAIRWELL END WALL
SCALE: 1"=1'-0" (KEYED NOTE 5)



NOTES:
1. REMOVE AND REPLACE (1) COURSE OF BRICK DIRECTLY BELOW LINTEL BEARING LOCATIONS.
2. EXISTING CONDITIONS DEPICTED ARE BASED ON LIMITED INFORMATION. CONTRACTOR SHALL NOTIFY ENGINEER AFTER REMOVAL OPERATIONS ARE COMPLETE SO THAT CONDITIONS CAN BE VERIFIED.

6 TYPICAL SECTION AT LOUVER LINTEL
SCALE: 1-1/2"=1'-0" (KEYED NOTE 42)

100% CONSTRUCTION DOCUMENTS

Revisions	Date

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Drawing Title: DETAILS

Project Title: VA STRATTON FACADE A WING REPAIRS

Project Number: 528A8-21-812

Building Number: 1

Approved Engineering Manager: DEPT OF VETERANS AFFAIRS NETWORK CONTRACTING OFFICE 2 2875 UNION ROAD, SUITE 3500 CHEEKTOWAGA, NY 14227

Location: ALBANY, NY

Date: 10-25-24 | Checked: JDF | Drawn: SRB, SLB

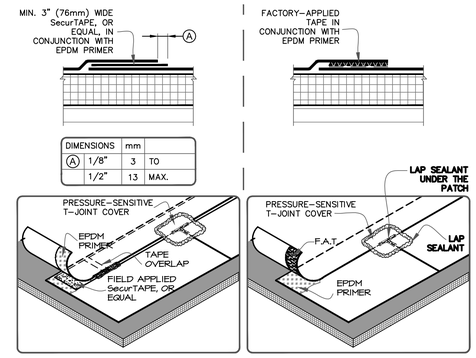
Drawing Number: AS-602A

Dwg. 17 of 20

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231

F:\2023\23-030 VA STRATTON FACADE, PHASE IA\PHASE IA - RE-BID SET (A WING & CHAPEL)\AS-602 & AS-602A DETAILS.dwg 10-23-24 1:48:46 AM jci



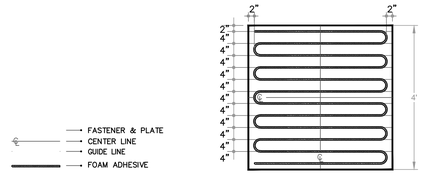
DIMENSIONS		mm	
A	1/8"	3	TO
	1/2"	13	MAX.

NOTES:

1. FIELD APPLIED SecurTAPE, OR EQUAL, IS TO BE OVERLAPPED A MINIMUM OF 1" (25mm) AT THE ENDS OF EACH CUT PIECE. APPLY LAP SEALANT AT TAPE OVERLAPS 2" (51mm) IN ALL DIRECTIONS AS SHOWN.
2. APPLY LAP SEALANT ALONG THE LEADING EDGE OF THE MEMBRANE SPLICE UNDER THE 6"X6" (152mm X 152mm) T-JOINT COVER, COVERING THE EXPOSED SPLICE TAPE 2" (51mm) IN ALL DIRECTIONS FROM THE SPLICE INTERSECTION.
3. 6" (152mm) WIDE PRESSURE-SENSITIVE ELASTOFORM, OR EQUAL, FLASHING IN CONJUNCTION WITH EPDM PRIMER, MAY ALSO BE CENTERED OVER THE INTERSECTING POINT OF THE LEADING EDGES OF THE FIELD SPLICE INTERSECTION.
4. LAP SEALANT IS REQUIRED ON CUT EDGES OF REINFORCED EPDM MEMBRANE.
5. TAPE SPLICES MUST BE A MINIMUM 3" WIDE FACTORY-APPLIED TAPE (FAT) OR A MINIMUM OF 6" FIELD APPLIED SECURTAPE, OR EQUAL.

1 EPDM MEMBRANE SPLICES

SCALE: N.T.S (KEYED NOTE 103)

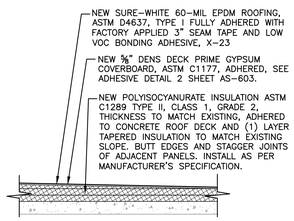


NOTES:

1. THE SURFACE TO WHICH ADHESIVE IS TO BE APPLIED SHALL BE DRY, FREE OF FINS, PROTRUSIONS, SHARP EDGES, LOOSE AND FOREIGN MATERIALS, OIL AND GREASE. AREA SHOULD BE CLEANED WITH AN AIR BLOWER.
2. PREVIOUSLY UNEXPOSED ASPHALT OR RESIDUE MUST BE PRIMED WITH CARLISLE CAVGRIP, 702 OR 702LV PRIMER.
3. SEAL ALL GAPS IN THE CONCRETE DECK WITH CARLISLE 725TR OR OTHER SUITABLE MATERIAL TO AVOID CONDENSATION ISSUES OR FILL WITH CARLISLE INSULATION ADHESIVE.
4. AT THE BEGINNING OF THE INSULATION ATTACHMENT PROCESS AND PERIODICALLY THROUGHOUT THE DAY, CHECK THE ADHESION OF BOARDS TO ENSURE A TIGHT BOND IS CREATED AND MAXIMUM CONTACT IS ACHIEVED.
5. ALL BOARDS SHOULD BE WEIGHED DOWN AND SLIT TO CONFORM TO THE CONTOURS OF THE SUBSTRATE.

2 4" BEAD SPACING ADHESIVE INSULATION/ COVERBOARD ATTACHMENT DETAIL

SCALE: N.T.S (KEYED NOTE 103)



3 CARLISLE ROOFING RECONSTRUCTION SECTION

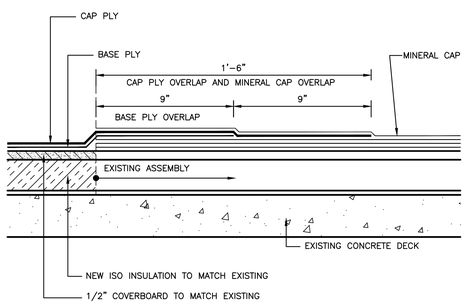
N.T.S. (KEYED NOTE 103)

GENERAL NOTES:

1. THERE SHALL BE A PRE-INSTALLATION MEETING WITH THE COR, ENGINEER, INSPECTION AND TESTING AGENCY, CONTRACTOR, INSTALLER, MANUFACTURERS FIELD REP AND ANY OTHER INSTALLERS FOR ADJACENT WORK AT THE SITE AT LEAST 30 DAYS PRIOR TO BEGINNING ANY ROOFING WORK.
2. WHERE NEW INSULATION IS INSTALLED THE MINIMUM R-VALUE SHALL BE R-10 OR AT A THICKNESS TO MATCH EXISTING INSULATION, WHICHEVER PROVIDES A GREATER R-VALUE.
3. BASIS OF DESIGN FOR ROOFING MATERIALS ARE CARLISLE, GARLAND AND TREMCO PRODUCTS, OR APPROVED EQUIVALENT. ALL PRODUCTS USED SHALL BE COMPATIBLE WITH THE EXISTING SUBSTRATES UNDER REPAIR AND EXISTING ROOFING WARRANTEES MUST BE MAINTAINED. PRODUCTS SHALL ALSO BE COMPATIBLE WITH ANY FUTURE BASIS OF DESIGN PRODUCT WARRANTY.

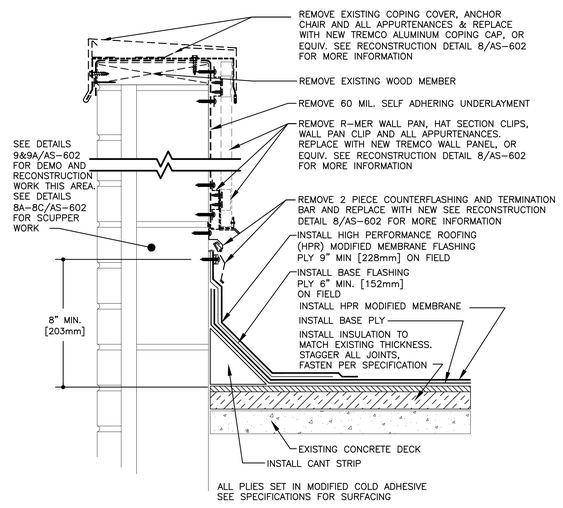
GARLAND ROOF & PONDING REPAIR:

1. REMOVE AND DISPOSE OF EXISTING 2-PLY SBS MODIFIED ROOF ASSEMBLY AND BASE FLASHINGS DOWN TO THE SUBSTRATE CONCRETE DECK AT DESIGNATED AREAS.
2. CAREFULLY REMOVE AND SAFELY STORE THE EXISTING METAL WALL PANELS, HAT CHANNELS/ACCESSORIES AND COPINGS. THESE ITEMS ARE TO BE REINSTALLED UPON COMPLETION OF THE SCUPPERS AND BASE FLASHINGS. COORDINATE WITH ROOF REPAIR.
3. FURNISH AND INSTALL MATCHING ROOF ASSEMBLY COMPONENTS WITH LIKE KIND, I.E. VAPOR RETARDER (IF PRESENT), POLYISO INSULATION, CANT STRIPS, COVERBOARD, ETC.
4. ADHERE THE NEW POLYISO INSULATION AND COVERBOARD IN INSUL-LOCK FOAM ADHESIVE, OR EQUIVALENT, USING ½" RIBBONS SPACED AT 12" O.C.
5. FURNISH AND INSTALL HIGH PERFORMANCE ROOFING (HPR) MEBRANES, ONE PLY STRESSBASE 80, OR EQUIV. (BASE PLY) AND ONE PLY STRESSPLY E FR MINERAL (CAP PLY) ADHERED IN GREEN-LOCK MEMBRANE ADHESIVE FOR THE FIELD SHEETS.
6. FURNISH AND INSTALL HIGH PERFORMANCE ROOFING (HPR) MEMBRANES, ONE PLY STRESSBASE 80 (BASE PLY), OR EQUAL, AND ONE PLY STRESSPLY E FR MINERAL (CAP PLY), OR EQUAL, ADHERED IN GREEN-LOCK FLASHING ADHESIVE, OR EQUIV., FOR THE FLASHING SHEETS. PROVIDE THREE (3) COURSE WITH FLASHING ADHESIVE AND 6" GARMESH, OR EQUIV., AT ALL VERTICAL FLASHING LAPS. ALLOW ADHESIVE TO CURE FOR 30 DAYS AND COAT WITH GARLA-BRITE ALUMINUM COATING, OR EQUIV..
7. FURNISH AND INSTALL NEW THRU-WALL SCUPPERS FABRICATED FROM 16 OZ. ZINC-COATED COPPER WHERE DESIGNATED ON THE DRAWINGS.
8. PROVIDE NEW SELF-ADHERED HYDROSHELL SA 60 UNDERLAYMENT, OR EQUIV., ON THE INTERIOR FACE OF THE PARAPET WALL. RE-INSTALL THE WALL PANEL AND COPING ASSEMBLIES.



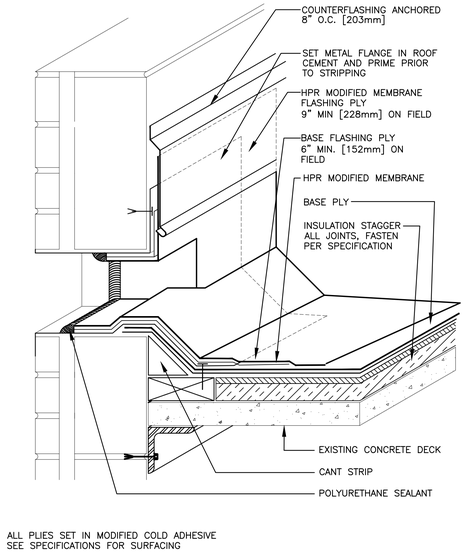
4 GARLAND ROOFING FIELD TIE-IN DETAIL

N.T.S. (KEYED NOTE 100 & 103)



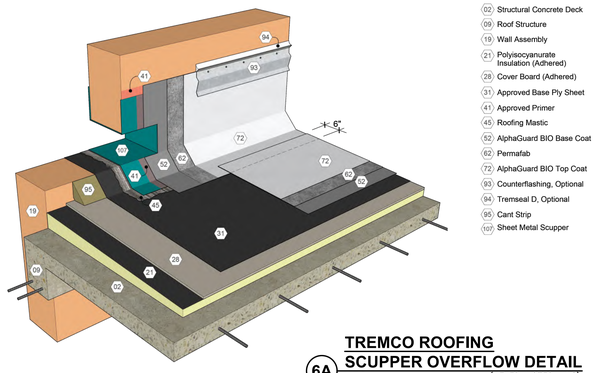
5 GARLAND WALL PANEL REMOVAL & ROOFING FIELD TIE-IN DETAIL

N.T.S. (KEYED NOTES 5 & 100)



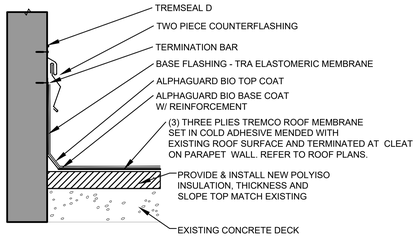
6 GARLAND ROOFING SCUPPER OVERFLOW DETAIL

N.T.S. (KEYED NOTES 4&5)



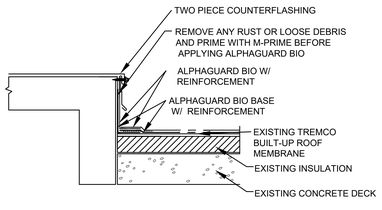
6A TREMCO ROOFING SCUPPER OVERFLOW DETAIL

N.T.S. (KEYED NOTES 4&5)



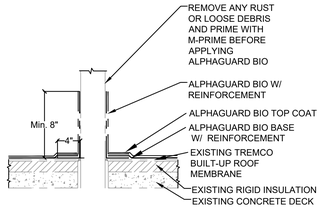
7 TREMCO PARAPET WALL/ ROOF REPAIR DETAIL

N.T.S. (KEYED NOTE 100)



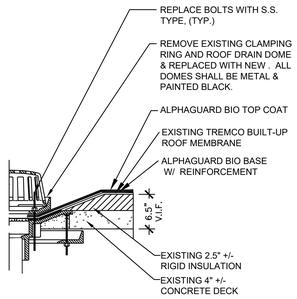
8 TREMCO EQUIPMENT PLATFORM DETAIL

N.T.S. (KEYED NOTE 100)



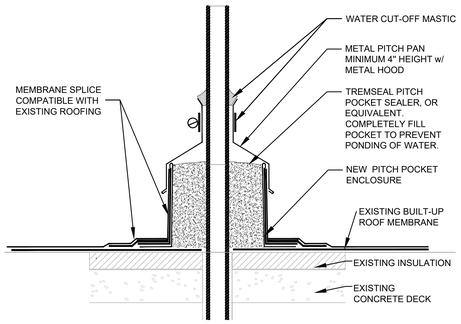
9 TREMCO VENT STACK DETAIL

N.T.S. (KEYED NOTE 100)



10 TREMCO ROOF DRAIN DETAIL

N.T.S. (KEYED NOTE 110)



11 PITCH POCKET DETAIL

N.T.S. (KEYED NOTE 101)

GENERAL NOTES:

1. ALPHAGUARD BIO BASE COAT APPLIED AT RATE OF 3-4 GALLON PER SQ. FT.
2. ALPHAGUARD BIO TOP COAT APPLIED AT RATE OF 2 GALLON PER SQ. FT.

100% CONSTRUCTION DOCUMENTS

Revisions	Date

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ISSUED 1992; EXP. 9/25

ARCHITECT/ENGINEERS:

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

FELLENZER ENGINEERING LLP www.fellp.com
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Drawing Title: ROOF DETAILS

Project Title: VA STRATTON FACADE A WING REPAIRS

Project Number: 528A8-21-812

Building Number: 1

Approved Engineering Manager: DEPT OF VETERANS AFFAIRS, NETWORK CONTRACTING OFFICE 2, 2875 UNION ROAD, SUITE 3500, CHEEKTOWAGA, NY 14227

Location: ALBANY, NY

Date: 10-25-24 | Checked: JDF | Drawn: SRB, SLB

Drawing Number: AS-603

Dwg. 18 of 20

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

F:\2023\23-030 VA STRATTON FACADE, PHASE IA PHASE IA - RE-BID SET IA WING & CHAPEL\AS-603 ROOF DETAILS.dwg 10-23-24 1:49:09 AM jcl

COOPER B-LINE

CATALOG NO. – DBP

DIMENSIONS – 4" HIGH x 6" WIDE x 9.6" LONG (BASE LENGTH)
MATERIAL – 100% RECYCLED RUBBER, UV RESISTANT
ULTIMATE LOAD CAPACITY – 500 lbs. (UNIFORM LOAD)

COOPER B-LINE

CATALOG NO. – DBM

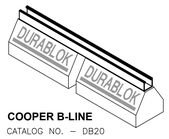
DIMENSIONS – 4" HIGH x 6" WIDE x 4.8" LONG (BASE LENGTH)
MATERIAL – 100% RECYCLED RUBBER, UV RESISTANT
ULTIMATE LOAD CAPACITY – 500 lbs. (UNIFORM LOAD)

COOPER B-LINE

CATALOG NO. – DB10 (ALSO DB20, DB30, DB40, DB48)

14 GA. GALVANIZED CHANNEL – 1"– 2 7/16" HIGH

DIMENSIONS – 4" HIGH x 6" WIDE x 9.6" LONG (BASE LENGTH)
MATERIAL – 100% RECYCLED RUBBER, UV RESISTANT
ULTIMATE LOAD CAPACITY – 500 lbs. (UNIFORM LOAD)



COOPER B-LINE

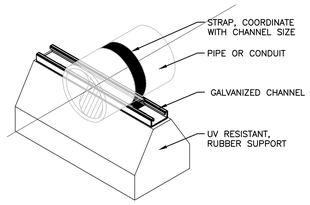
CATALOG NO. – DB20

14 GA. GALVANIZED CHANNEL – 1"– 2 7/16" HIGH

DIMENSIONS – (2) 4" HIGH x 6" WIDE x 9.6" LONG (BASE LENGTH)
MATERIAL – 100% RECYCLED RUBBER, UV RESISTANT
ULTIMATE LOAD CAPACITY – 1,000 lbs. (UNIFORM LOAD)

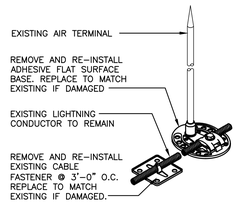
NOTE:
1. "COOPER B–LINE" IS THE BASIS OF DESIGN FOR EQUIPMENT SUPPORTS, OR AN APPROVED EQUAL.

1 DURABLOK BASE DETAILS
N.T.S.



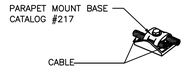
NOTE:
1. COOPER B–LINE "DURABLOK" OR APPROVED EQUAL.

2 PIPING SUPPORT ON ROOF
N.T.S.



3 ADHESIVE AIR TERMINAL DETAIL
N.T.S. (KEY NOTE 111)
(TYP. OF MANUFACTURER HARGER)

NOTES:
1. INSTALLATION SHALL BE IN ACCORDANCE WITH THE LPI–175 AND MANUFACTURER'S INSTRUCTIONS.
2. AIR TERMINALS SHALL BE PLACED ON ALL HVAC UNITS ABOVE 3' IN HEIGHT.
3. COORDINATE INSTALLATION WITH THE ROOFING INSTALLER.
4. MAKE CONNECTIONS OF DISSIMILIAR METAL WITH BIMETALLIC TYPE FITTINGS TO PREVENT ELECTROLYTIC ACTION.
5. MAINTAIN ALL EXISTING BONDS.
6. TEST THE GROUND RESISTANCE TO EARTH BY STANDARD METHODS, AND CONFORM TO THE GROUND RESISTANCE REQUIREMENTS FOR GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS.
7. A UL REPRESENTATIVE SHALL INSPECT THE LIGHTNING PROTECTION SYSTEM. OBTAIN AND INSTALL A UL NUMBERED MASTER LABEL FOR EACH OF THE LIGHTNING PROTECTION SYSTEMS AT THE LOCATION DIRECTED BY THE UL REPRESENTATIVE AND THE COR.



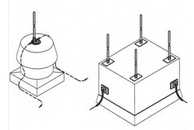
4 SPLICE TERMINAL DETAIL
N.T.S.
(TYP. OF MANUFACTURER HARGER)

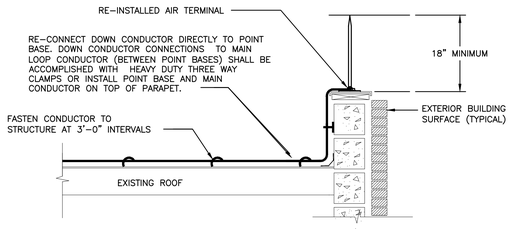
67) Strike termination devices shall be attached to a projection so that no outside corner or edge is more than 2 feet (0.6 m) from a strike termination device. Strike termination devices may be anchored directly to the projection or may be secured by an acceptable metal band around the chimney or other projection.

68) Where only one strike termination device is required on a projection, at least one main sized conductor shall connect the strike termination device to a main conductor at the location where the projection meets the roof surface and provides two or more paths to ground from that location.
Note: There is no length restriction on a vertical conductor that connects the strike termination device to the main roof conductor. The horizontal lead length for a single conductor run may comply with the "dead end" criteria in paragraph **104 (See Figure 13).**

69) Roof top mechanical units with continuous metal housings less than 3/16" (4.8 mm) thick shall be protected by air terminals per paragraph **67** on base fittings secured to the unit by one of the following methods.

a. Bases secured to the bare metal of the housing with a minimum contact area of 3 in.² (1940 mm²), or mounted by drilling and tapping to the unit's frame shall be permitted to use the unit's metal housing in lieu of main cable conductors where the minimum thickness of the housing is 0.064 in. (1.63mm) or greater and is electrically continuous. At least two main-size conductors shall be installed with connections made to bare metal at the base or lower edge of the unit with bonding devices having a surface contact area of 3 in.² (1940 mm²) providing two or more paths to the system. The unit's bonding plates shall be located as far apart as practicable on the electrically continuous metal housing.
b. Bases secured to metallic housings using adhesives or thin metallic units not meeting the minimum thickness requirement (0.064") shall use main cable conductor connected to the roof system similar to non-metallic surface protection.





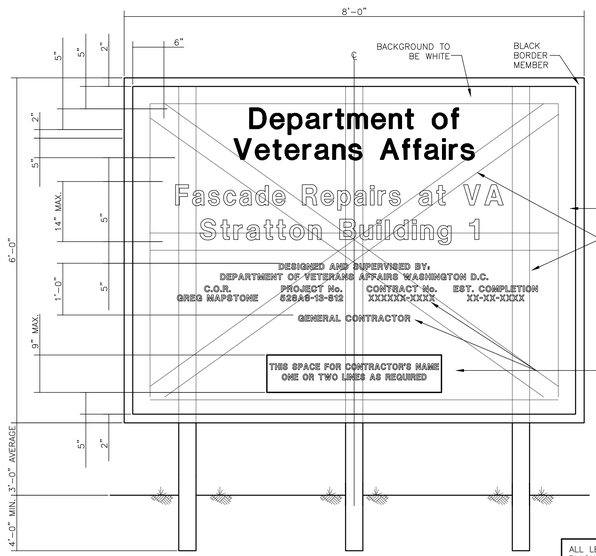
5 TYPICAL RE-INSTALLATION DETAIL
N.T.S.
CAT. NO.'S TYP. OF MANUFACTURER HARGER

MINIMUM CLASS 1 MATERIAL REQUIREMENTS

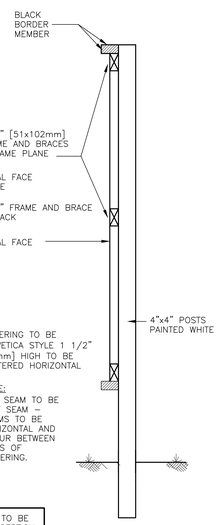
TYPE OF CONDUCTOR		COPPER
AIR TERMINAL, SOLID	DIAMETER	3/8 in.
AIR TERMINAL, TUBULAR	DIAMETER WALL THICKNESS	5/8 in. 0.033 in.
MAIN CONDUCTOR, CABLE (PRIMARY)	SIZE EA. STRAND WGT. PER LENGTH CROSS SECT. AREA	17 AWG 187 lb/1000 ft. 57,400 CM
BONDING CONDUCTOR, CABLE (SECONDARY) SOLID OR STRANDED	SIZE EA. STRAND CROSS SECT. AREA	17 AWG 26,240 CM

LEGEND & SCHEDULE OF EQUIPMENT TYPICAL OF MANUFACTURER "HARGER"

TYPE OF CONDUCTOR	COPPER
MAIN CONDUCTOR (PRIMARY)	CAT. NO. 32R 32 STRANDS 16 AWG 230 LB/1000 FT. 80,000 CM CS AREA
BONDING CONDUCTOR (SECONDARY)	CAT. NO. 14 14 STRANDS 17 AWG 92 LB/1000 FT. 28,000 CM CS AREA
AIR TERMINALS SOLID, 18" LENGTH	CAT. NO. 63 3/8 IN. DIA.



ELEVATION

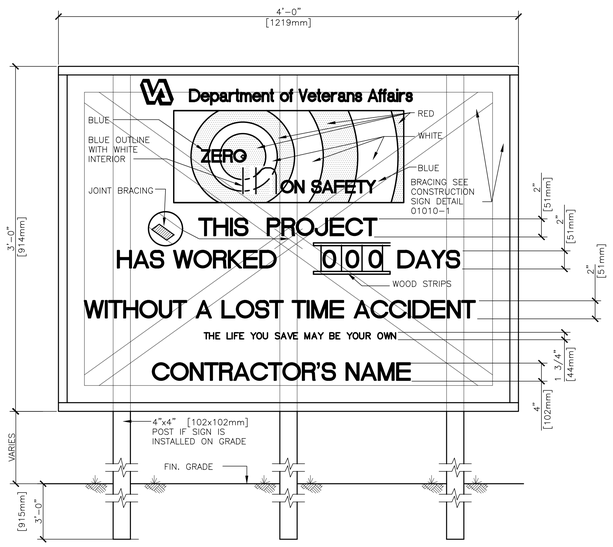


NOTE:
ANY SEAM TO BE FLAT SEAM – SEAMS TO BE HORIZONTAL AND OCCUR BETWEEN LINES OF LETTERING.

ALL LETTERING TO BE BLACK WITH EXCEPTION OF PROJECT TITLE WHICH IS TO BE BLUE

SECTION ON CENTERLINE

6 CONSTRUCTION SIGN
N.T.S.



ELEVATION

7 SAFETY SIGN
N.T.S.

LIGHTNING PROTECTION NOTES:

1. ALL MATERIALS AND INSTALLATION OF THE LIGHTING PROTECTION SYSTEM SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE UNDERWRITERS LABORATORY (UL96A), THE LIGHTING PROTECTION INSTITUTE STANDARDS OF PRACTICE (LPI–175), NFPA 780 AND OTHER APPLICABLE BUILDING CODES.
2. NEW CONDUCTOR (CABLE) SIZE SHALL BE AS PER THE MINIMUM CONDUCTOR REQUIREMENTS TABLE ON DWG. M–2.
3. ROOF CONDUCTORS SHALL BE COURSED ALONG THE TOP OF THE PARAPET WALLS AND ALONG THE FLAT (GENTLY SLOPED) ROOFS. ALL CONDUCTOR SHALL BE SECURELY ATTACHED TO THE STRUCTURE.
4. NO BEND OF MAIN CONDUCTOR SHALL FORM AN INCLUDED ANGLE LESS THAN 90 DEGREES AND SHALL HAVE A RADIUS BEND NOT LESS THAN 8".
5. ROOF SECONDARY CONDUCTORS SHALL BE COURSED THROUGH OR AROUND OBSTRUCTIONS IN A HORIZONTAL PLANE WITH THE MAIN CONDUCTOR.
6. AIR TERMINALS SHALL BE 3/8" MINIMUM DIAMETER SOLID COPPER AND SHALL EXTEND 10" MINIMUM CLEARED HEIGHT ABOVE PROTECTED OBJECT UNLESS NOTED OTHERWISE MINIMUM AIR TERMINAL SIZE SHALL BE 18".
7. DOWN CONDUCTORS SHALL BE PROTECTED FROM PHYSICAL DAMAGE OR DISPLACEMENT. ALL CONDUCTORS MUST BE SECURELY ATTACHED TO THE STRUCTURE AT 3' INTERVALS.
8. EFFECTIVE GROUNDING IS ESSENTIAL FOR LIGHTNING PROTECTION SYSTEMS. PREDOMINATE SOIL IS ASSUMED TO BE MOIST CLAY REQUIRING A SOLID COPPER ROD, 5/8" DIAMETER, 10'–0" LONG IN GROUND. IF OTHER SOILS ARE ENCOUNTERED ALTERNATE GROUNDING METHODS SHALL BE EMPLOYED IN ACCORDANCE WITH LPI–175, CONSULT THE ENGINEER. FOR AN ALTERNATIVE GROUNDING METHOD.
9. UNGROUNDED METAL BODIES AT, ABOVE OR WITHIN 12' OF ROOF LEVEL SHALL BE BONDED TO THE LIGHTNING PROTECTION SYSTEM WITH FULL SIZE COPPER LIGHTNING PROTECTION CABLE AND APPROVED FITTINGS. SECONDARY METAL FITTINGS SUCH AS ROOF DRAINS SHALL BE INTERCONNECTED WITH THE LIGHTNING PROTECTION SYSTEM ONLY IF THEY ARE WITHIN 5' OF ANOTHER METAL BODY ALREADY CONNECTED TO THE SYSTEM (INCLUDING CONDUCTORS).
10. SYSTEM GROUNDING SHALL BE ACCOMPLISHED AS PART OF THE LIGHTNING PROTECTION NETWORK. GROUNDING SHALL BE ACCOMPLISHED ON WATER PIPE, FUEL OIL PIPE, STEAM PIPE, ELECTRICAL SYSTEMS AND BUILDING STEEL STRUCTURE FOR POTENTIAL EQUALIZATION.
11. SECONDARY BONDING CONDUCTORS SHALL BE BONDED TO THE NEAREST MAIN CONDUCTOR. MINOR UPWARD ROUTING OF SECONDARY CONDUCTORS IS PERMITTED, 1/4 SLOPE MAX.
12. BUILDING STRUCTURAL STEEL SHALL BE BONDED TO THE LIGHTNING PROTECTION SYSTEM IN LOCATIONS WHERE SHOWN ON PLAN. BONDING CONDUCTORS SHALL BE RUN HORIZONTALLY TO REACH STEEL MEMBERS. BONDING CONDUCTORS SHALL BE SECURELY ATTACHED TO THE STRUCTURE AT 3'–0" INTERVALS. STRUCTURAL STEEL BONDING PLATES SHALL HAVE A MINIMUM OF 8 SQ. INCHES OF CONTACT AREA.
13. IT IS THE INTENTION OF THESE PLANS TO PROVIDE COMPLETE AND EFFECTIVE BONDING OF THE STRUCTURAL STEEL COMPONENTS OF BOTH BUILDINGS TO THE LIGHTNING PROTECTION SYSTEM. THE UPPER LEVEL STRUCTURAL STEEL IS ELECTRICALLY CONTINUOUS WITH THE LOWER STRUCTURAL STEEL. THEREFORE BOND THE STEEL COLUMNS AT THEIR BASE WHERE INDICATED ON THE PLAN BY A ⊕. IF THE STRUCTURAL STEEL IS NOT CONTINUOUS WITHIN THE BUILDING SECTIONS, THEN PROVIDE ADDITIONAL BONDING BETWEEN SECTIONS UTILIZING 8 SQ. IN. BONDING PLATES AND MAIN SIZE CONDUCTORS. STEEL WILL THEN BE BONDED AT THE BASE AND TOP AT MAXIMUM 60' INTERVALS.
14. CONFIRM THAT THE BOTH BUILDING'S ELECTRICAL AND TELEPHONE SYSTEMS ARE GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE, NFPA 70. IF IT IS DETERMINED THAT ANY OF THESE SYSTEMS ARE NOT GROUNDED PROPERLY THEN GROUND THESE SYSTEMS. THIS GROUNDING SHALL BE INDEPENDENT OF THE LIGHTNING PROTECTION SYSTEM GROUNDING. GROUND THE FOLLOWING TO THE LIGHTNING PROTECTION GROUNDING SYSTEM:
   a) WATER SERVICE ENTRANCE (AS NEAR TO ENTRANCE AS POSSIBLE)
   b) FUEL OIL SERVICE ENTRANCE (AS NEAR TO ENTRANCE AS POSSIBLE)
   c) TELEPHONE SERVICE ENTRANCE (AT ESTABLISHED TELEPHONE SYSTEM GROUND)
   d) ELECTRICAL SERVICE ENTRANCE (AT ESTABLISHED ELECTRICAL SYSTEM GROUND)
   e) UNDERGROUND COMPUTER COMMUNICATION CONDUIT (ON BOTH ENDS)
   f) STEAM AND CONDENSATE MAINS (AS NEAR ENTRANCE AS POSSIBLE)
15. ALL GROUNDED MEDIA EXCEPT BUILDING STEEL RISING TO A POINT WITHIN TWELVE (12) FT OF THE ROOF SHALL BE BONDED TO THE LIGHTNING PROTECTION SYSTEM AT OR NEAR THE ROOF LEVEL. IF MEDIA IS NEAR A SYSTEM DOWN CONDUCTOR OR PRIMARY CONDUCTOR IT SHALL BE BONDED TO THE SAME. IF NOT, SAID MEDIA SHALL BE BONDED TO THE BUILDING STRUCTURAL STEEL. UTILIZE THRU–WALL CONNECTORS. CUT, PATCH, WATERPROOF.
16. ALL LIGHTNING PROTECTION SYSTEM COMPONENTS INCLUDING CONDUCTOR SHALL BE COPPER. UTILIZE BI–METALLIC (ALUMINUM – COPPER) CONNECTORS WHEN BONDING ALUMINUM ROOFTOP EQUIPMENT TO THE LIGHTNING PROTECTION SYSTEM. ALL COMPONENTS SHALL BE UL LISTED.
17. ALL MAIN AND SECONDARY CONDUCTORS SHALL MAINTAIN A UNIFORM HORIZONTAL OR DOWNWARD (FROM POINT OF ORIGIN TOWARD GROUND) ROUTING, MAX. UPWARD SLOPE SHALL BE 1/4"/FT. THERE ARE NO EXCEPTIONS TO THIS REQUIREMENT. USE THROUGH WALL CONNECTORS TO TRAVERSE PARAPET WALLS, WHERE REQUIRED.
18. INDICATED AIR TERMINAL LOCATIONS ARE APPROXIMATE. INSTALL AIR TERMINALS ON THE TOP OF THE PARAPET. WHERE POINTS ARE SHOWN IN A CORNER THEY SHALL BE INSTALLED AS CLOSE TO THE CORNER AS POSSIBLE. MAINTAIN CABLE BENDING RADII. UNDER NO CIRCUMSTANCES SHALL A POINT BE INSTALLED GREATER THAN 24" FROM THE OUTSIDE CORNER OF THE BLDG. AIR TERMINALS SHALL BE LOCATED AT INTERVALS NOT EXCEEDING 20'–0" ALONG THE PERIMETER.
19. ALL ROOFS ARE CONSIDERED FLAT, SLIGHT SLOPES EXIST FOR STORM DRAINAGE.
20. ALL METALLIC ROOFTOP DEVICES NOT FITTED WITH POINTS SHALL BE BONDED TO THE NEAREST MAIN CONDUCTOR FOR POTENTIAL EQUALIZATION, SEE SCHEDULES ON DWG. M–2. MINIMUM BONDING CONDUCTOR SIZE SHALL BE IN ACCORDANCE WITH CONDUCTOR TABLE.
21. GENERALLY, ALL MATERIALS SHOULD BE OF COPPER AND/OR COPPER BRONZE. IN LOCATIONS WHERE SYSTEM COMPONENTS ARE MOUNTED ON ALUMINUM SURFACES, ALUMINUM MATERIALS SHALL BE USED TO AVOID ELECTROLYTIC CORROSION OF THE DISSIMILAR METALS.
22. NON–METALLIC OBJECTS OR METAL OBJECTS HAVING A METAL THICKNESS OF LESS THAN 3/16" REQUIRE THE INSTALLATION OF AIR TERMINALS AND REQUIRED CONDUCTORS. OBJECTS HAVING A METAL THICKNESS 3/16" OR GREATER SHALL BE CONNECTED TO THE LIGHTING PROTECTION SYSTEM USING MAIN SIZE CONDUCTOR AND CONNECTOR FITTINGS HAVING 3 SQUARE INCHES OF SURFACE CONTACT AREA. BONDING MADE TO STRUCTURAL STEEL REQUIRES 8 SQ. IN. OF SURFACE CONTACT AREA.
23. ROOF PENETRATIONS REQUIRED FOR DOWN CONDUCTORS OR FOR CONNECTIONS TO STRUCTURAL STEEL FRAMEWORK SHALL BE MADE USING THRU–ROOF ASSEMBLIES AND APPROPRIATE ROOF FLASHING.
24. BOND UPPER ROOF MAIN CONDUCTOR TO LOWER ROOF MAIN CONDUCTOR IN THIS AREA. USE A THROUGH–WALL CONECTOR WHERE REQUIRED.
25. THE ENTIRE SYSTEM SHOULD BE CERTIFIED BY THE LIGHTNING PROTECTION INSTITUTE AND THE UNDERWRITERS LABATORIES MASTER LABEL SHOULD BE FURNISHED AS PROOF THAT THIS INSTALLATION MEETS THE LATEST LPI AND UL INSTALLATION REQUIREMENTS.

100% CONSTRUCTION DOCUMENTS

Revisions:	Date

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NY PROFESSIONAL ENGINEER NO. 069373–1
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ARCHITECT/ENGINEERS:

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Drawing Title: ROOF DETAILS + SIGN DETAILS

Approved Engineering Manager: DEPT OF VETERANS AFFAIRS, NETWORK CONTRACTING OFFICE 2, 2875 UNION ROAD, SUITE 3500, CHEEKTOWAGA, NY 14227

Project Title: VA STRATTON FACADE A WING REPAIRS

Location: ALBANY, NY

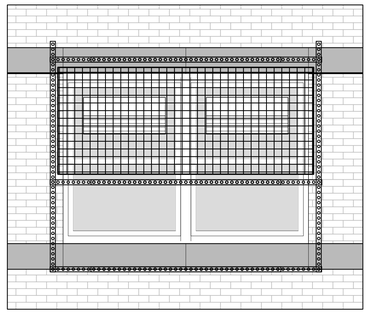
Date	Checked	Drawn
10–25–24	JDF	SRB, SLB

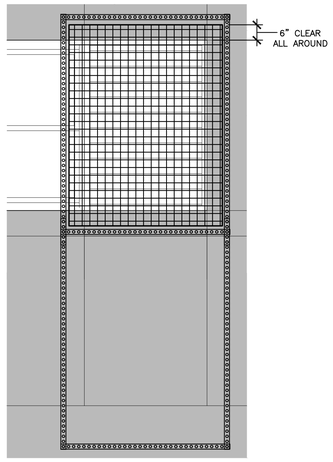
Project Number: 528A8–21–812
Building Number: 1
Drawing Number: AS–604
Dwg. 19 of 20

Office of Construction and Facilities Management
Department of Veterans Affairs

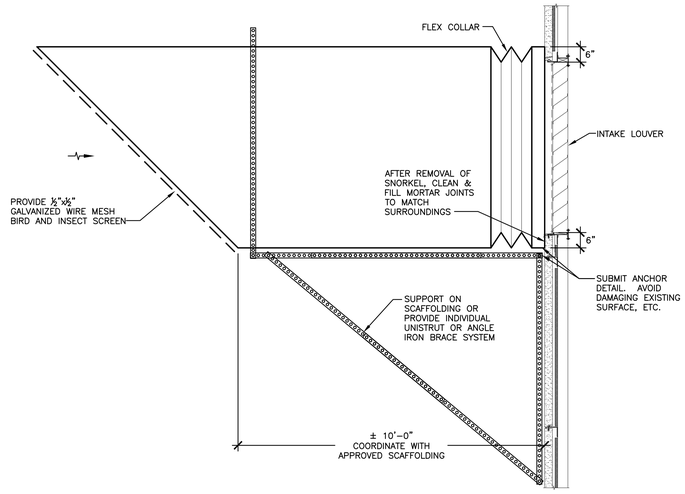
VA FORM 08–6231

F:\2023\23-030 VA STRATTON FACADE, PHASE IA PHASE IA – RE-BID SET (A WING & CHAPEL)\AS-604 ROOF DETAILS.dwg 10-23-24 11:49:15 AM jcl





FRONT VIEWS



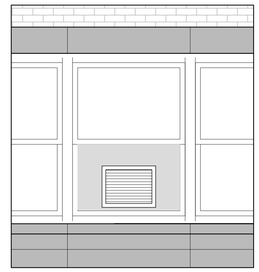
SIDE VIEW

GENERAL NOTES (DETAILS 1&3):

1. CONTRACTOR SHALL VERIFY THAT ALL AIR INTAKE LOUVERS POTENTIALLY IMPACTED ARE FITTED WITH A DUCT SNORKEL OR EXTENSION TO PREVENT ANY SMELLS & DEBRIS FROM ENTERING THE FACILITY. HEPA FILTRATION SHALL BE REQUIRED WHERE DUST MAY ENTER THE MEDICAL CENTER. AIR FLOW SHALL NOT BE BLOCKED OR RESTRICTED BY ANY MEANS. THE ACTUAL AIR FLOW IS TO BE MEASURED PRIOR TO CONSTRUCTION AND MAINTAINED DURING CONSTRUCTION. CONTACT ENGINEER IF HEPA FILTRATION DUE TO DUST IS REQUIRED.
2. PROVIDE ADDITIONAL SUPPORT AND BRACING TO ALL EXPOSED DUCTWORK INSTALLED ON THE ROOF OR OUTSIDE THE BUILDING TO WITHSTAND DESIGN LOADS PER ASCE 7 AND ASCE 37.
3. SNORKEL BRACING DETAILS ARE SCHEMATIC DESIGN ONLY AND SHALL BE USED AS A REFERENCE. CONTRACTOR TO RETAIN NYS LICENSED PROFESSIONAL ENGINEER FOR THE DESIGN AND FASTENING OF ALL SUPPORTS. PROVIDE PE SIGNED/SEALED SHOP DRAWINGS AND CALCULATIONS FOR A/E REVIEW
4. AT COMPLETION OF PROJECT, WE RECOMMEND THE FACILITY CHECK STATUS OF FILTERS. REPLACE EXISTING EQUIPMENT FILTERS AS NECESSARY.
5. AFTER REMOVAL OF SNORKEL AND APPURTENANCES CONTRACTOR TO PATCH AND REPAIR ANY DISTURBED AREA TO LIKE NEW CONDITION.
6. AS AN ALTERNATE, CONTRACTOR SHALL SUPPORT SNORKEL ON SCAFFOLDING.

1 TEMPORARY LOUVER SNORKEL/ EXTENSION DETAILS - TYPICAL

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

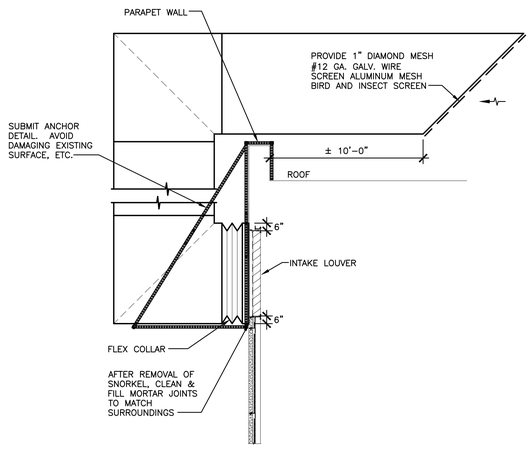


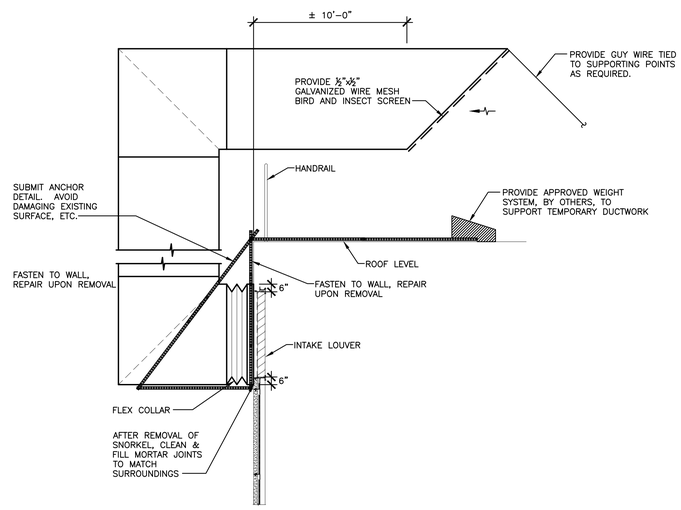
GENERAL NOTES:

1. CONTRACTOR TO COORDINATE VA COR THAT ALL AC UNITS ARE TURNED "OFF" AND ARE COVERED/SEALED USING 6 MIL THICK POLY AND TAPE OR ANOTHER APPROVED METHOD TO PROTECT DUST & DEBRIS FROM ENTERING THE FACILITY DURING CLEANING.
2. AC UNITS THAT ARE SEALED SHALL BE TAGGED (PER LOCKOUT/TAGOUT) ON THE INTERIOR OF THE BUILDING.
3. AT THE COMPLETION OF THE WORK IN/AROUND THE AREA, REMOVE COVERING AND ASSOCIATED LOCKOUT/TAGOUT TAGS. CLEAN UNITS AND RETURN TO LIKE EXISTING (PRE-CONSTRUCTION) CONDITION.

2 TYPICAL AC UNIT DETAIL

N.T.S.





3 TEMPORARY LOUVER SNORKEL/ EXTENSION @ ROOF LEVEL (TYPICAL)

N.T.S.

AIR INTAKE LOUVER PROTECTION FOR USE WITH MAST SCAFFOLDING SYSTEM::

1. FOR MAST SCAFFOLDING SYSTEMS ONLY – THE USE OF SNORKEL EXTENSION MAY BE OMITTED AND THE USE OF INDIVIDUAL HEPA FILTERS COVERING AIR INTAKES MAY BE EMPLOYED.
2. IN THE EVENT A MAST SCAFFOLDING SYSTEM IS EMPLOYED, AIR INTAKE LOUVERS MUST BE PROTECTED IN THE FOLLOWING MANNER:
   - MERV 13 PLEATED HEPA FILTERS, ORDERED TO SIZE OF OPENING MAY BE USED.
   - FILTERS MUST NOT IMPEDE ANY AIR FLOW INTO BUILDING THROUGH LOUVER.
   - FILTER MUST BE TEMPORARILY ADHERED TO BUILDING AROUND LOUVER PERIMETER.
   - FILTER MUST BE REMOVED AT END OF WORK DAY AND DISPOSED.
   - IF WATER COMES INTO CONTACT WITH FILTER, FILTER MUST BE REMOVED AND REPLACED WITH NEW.
   - REPLACE FILTER WITH NEW AFTER EACH USE.
   - FINAL APPROVAL FOR THE USE OF FILTERS COVERING AIR INTAKE LOUVERS MUST BE OBTAINED BY THE VA COR.

GENERAL EQUIPMENT PROTECTION NOTES:

1. PROVIDE NETTING AND BRIDGING TO PROTECT ALL EQUIPMENT ON LOWER ROOF AREAS, AREAWAYS, ETC. THAT ARE BELOW THE LIFT AREAS OR WORKING AREAS. ALL HVAC UNITS, INCLUDING BUT NOT LIMITED TO UNITS WITH INTAKES OR FANS BLOWING UPWARDS, SHALL BE PROTECTED FROM ANY FALLING DEBRIS WITH BRIDGING. PROTECTION MUST NOT BLOCK OR RESTRICT THE AIR FLOW OF ANY EQUIPMENT.

100% CONSTRUCTION DOCUMENTS

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Drawing Title: MECHANICAL LOUVER DETAILS

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Project Title: VA STRATTON FACADE A WING REPAIRS

Location: ALBANY, NY

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Project Number: 528A8-21-812
Building Number: 1
Drawing Number: MH-101
Dwg. 20 of 20

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231

F:\2023\23-030 VA STRATTON FACADE, PHASE 1A\PHASE 1A RE-BID SET (A WING & CHAPEL)\MH-101 (MECHANICAL SHEETS).dwg 10-23-24 11:49:19 AM jcl