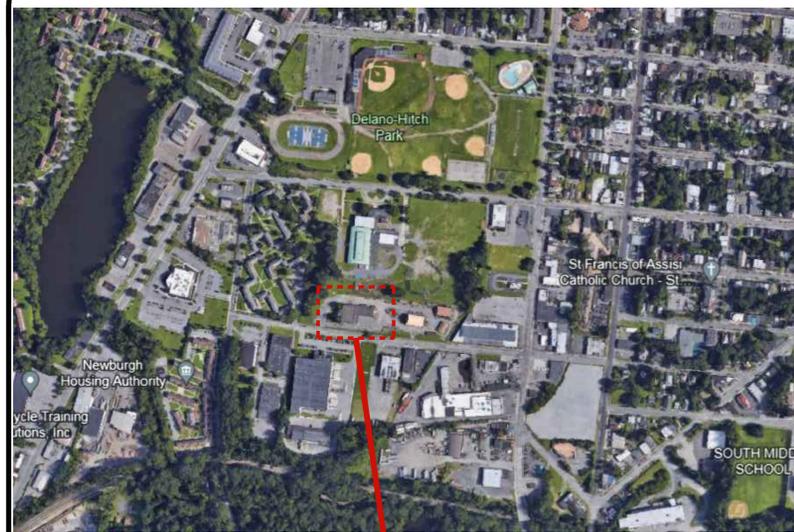


REPLACE ROOF

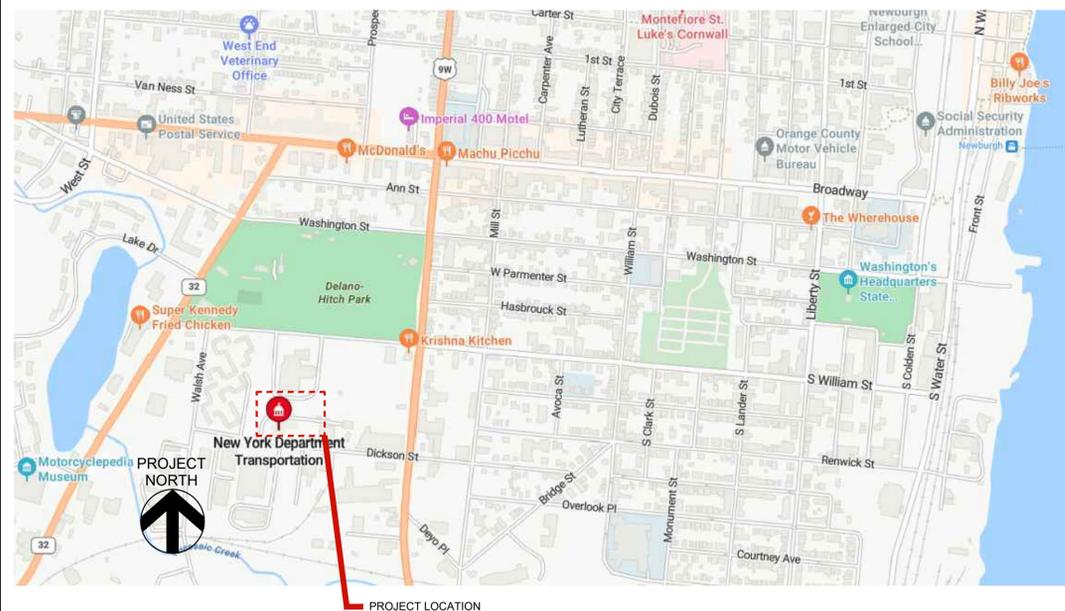
DOT REGION 8, ORANGE COUNTY

112 DICKSON STREET
NEWBURGH, NY. 12550

OGS PROJECT NO. Q1858-C



LOCATION MAP



INDEX OF DRAWINGS

PAGE	DRAWING #	DRAWING TITLE
GENERAL INFORMATION:		
1	G-001	TITLE SHEET
CONSTRUCTION:		
2	H-100	ROOF ABATEMENT PLAN
3	A-001	SYMBOLS, NOTES & ABBREVIATIONS
4	A-101	NEW ROOF PLAN & DEMO ROOF PLAN
5	A-102	ELEVATIONS
6	A-200	SECTIONS
7	A-300	MASONRY REPAIRS
8	A-701	DETAILS
9	A-702	DETAILS



DEPARTMENT OF
TRANSPORTATION



Office of
General Services

DESIGN & CONSTRUCTION



SITE PLAN

DRAWING NUMBER:
G-001
SHEET 1 OF 9

PERSONAL & WASTE DECON GENERAL NOTES

PERSONAL AND WASTE DECONTAMINATION SYSTEM ENCLOSURES

PERSONAL DECONTAMINATION SYSTEM ENCLOSURES SHALL BE CONSTRUCTED AND FUNCTIONAL PRIOR TO COMMENCING THE REMAINDER OF THE PHASE II A REGULATED ABATEMENT WORK AREA PREPARATION ACTIVITIES. WASTE DECONTAMINATION SYSTEM ENCLOSURES SHALL BE CONSTRUCTED AND FUNCTIONAL AT THE COMPLETION OF PHASE II A PREPARATION ACTIVITIES. AFTER INSTALLATION OF THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE, ALL ACCESS TO THE REGULATED ABATEMENT WORK AREA SHALL BE VIA THE INSTALLED PERSONAL DECONTAMINATION SYSTEM ENCLOSURE.

PERSONAL DECONTAMINATION SYSTEM ENCLOSURE—LARGE PROJECT.

(1) ENCLOSURE—GENERAL. A PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SHALL BE PROVIDED OUTSIDE THE REGULATED ABATEMENT WORK AREA AND ATTACHED TO ALL LOCATIONS WHERE PERSONNEL SHALL ENTER OR EXIT THE REGULATED ABATEMENT WORK AREA. ONE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SHALL BE PROVIDED FOR EACH REGULATED ABATEMENT WORK AREA. THIS SYSTEM MAY UTILIZE ADEQUATE EXISTING LIGHTING SOURCES SEPARATE FROM THE DECONTAMINATION SYSTEM ENCLOSURE, OR SHALL BE SUPPLIED WITH A GFCI PROTECTED TEMPORARY LIGHTING SYSTEM. THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SHALL BE SIZED TO ACCOMMODATE THE NUMBER OF WORKERS AND EQUIPMENT REQUIRED FOR THE INTENDED PURPOSE. SUCH SYSTEM MAY CONSIST OF EXISTING ATTACHED ROOMS OUTSIDE OF THE REGULATED ABATEMENT WORK AREA. IF THE LAYOUT IS APPROPRIATE, THAT CAN BE PLASTICIZED AND ARE ACCESSIBLE FROM THE REGULATED ABATEMENT WORK AREA. WHEN THIS SITUATION DOES NOT EXIST, PERSONAL DECONTAMINATION SYSTEM ENCLOSURES SHALL BE CONSTRUCTED OF METAL, WOOD OR PLASTIC SUPPORTS COVERED WITH FIRE-RETARDANT PLASTIC SHEETING. A MINIMUM OF ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING SHALL BE INSTALLED ON THE CEILING, AND WALLS OF THE ENCLOSURE SYSTEM. AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOORING PROTECTION OF THIS AREA. THIS SYSTEM MUST BE KEPT CLEAN, SANITARY AND CLIMATE CONTROLLED AT ALL TIMES IN CONFORMANCE WITH ALL FEDERAL, STATE AND LOCAL GOVERNMENT REQUIREMENTS. THIS SYSTEM SHALL REMAIN ON-SITE, OPERATIONAL AND BE USED UNTIL COMPLETION OF PHASE II C OF THE ASBESTOS PROJECT.

(2) ROOMS AND CONFIGURATION. THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SHALL CONSIST OF A CLEAN ROOM, A SHOWER ROOM AND AN EQUIPMENT ROOM CONNECTED IN SERIES BUT SEPARATED FROM EACH OTHER BY AIRLOCKS. THERE SHALL BE A CURTAINED DOORWAY SEPARATION BETWEEN THE EQUIPMENT ROOM AND THE REGULATED ABATEMENT WORK AREA, AND THERE SHALL BE A LOCKABLE DOOR TO THE OUTSIDE. MINIMUM DIMENSIONS FOR EACH AIRLOCK, SHOWER ROOM AND EQUIPMENT ROOM SHALL BE THREE FEET WIDE BY SIX FEET IN HEIGHT, TO ALLOW FOR ADEQUATE ACCESS TO AND FROM THE REGULATED ABATEMENT WORK AREA.

(3) CURTAINED DOORWAY. AN ASSEMBLY WHICH CONSISTS OF AT LEAST THREE OVERLAPPING SHEETS OF SIX MIL FIRE-RETARDANT PLASTIC OVER AN EXISTING OR TEMPORARILY FRAMED DOORWAY. ONE SHEET SHALL BE SECURED AT THE TOP AND LEFT SIDE, THE SECOND SHEET AT THE TOP AND RIGHT SIDE, AND THE THIRD SHEET AT THE TOP AND LEFT SIDE. ALL SHEETS SHALL HAVE WEIGHTS ATTACHED TO THE BOTTOM TO INSURE THAT THE SHEETS HANG STRAIGHT AND MAINTAIN A SEAL OVER THE DOORWAY WHEN NOT IN USE.

(4) FRAMING. ENCLOSURE SYSTEMS ACCESSIBLE TO THE PUBLIC SHALL BE FULLY FRAMED, HARD-WALL SHEATHED AND UTILIZE A LOCKABLE DOOR FOR SAFETY AND SECURITY.

(5) SHEATHING. A PLYWOOD OR ORIENTED STRAND BOARD (OSB) SHEATHING MATERIAL OF AT LEAST 3/8 INCH THICKNESS.

(6) PLASTIC SHEETING. ENCLOSURE SYSTEMS CONSTRUCTED AT THE WORK SITE SHALL USE AT LEAST ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING ON WALLS AND CEILING. AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOOR PROTECTION OF THIS AREA.

(7) PREFABRICATED OR TRAILER UNITS. A COMPLETELY WATERTIGHT FIBERGLASS OR MARINE PAINTED PREFABRICATED UNIT DOES NOT REQUIRE PLASTICIZING. ROOMS SHALL BE CONFIGURED AS PER NYCRR PART 56-7.5. ALL PREFABRICATED OR TRAILER DECONTAMINATION UNITS SHALL BE KEPT IN GOOD CONDITION, AND SHALL BE COMPLETELY DECONTAMINATED AFTER FINAL CLEANING AND IMMEDIATELY PRIOR TO CLEARANCE AIR SAMPLING. UPON RECEIVING SATISFACTORY CLEARANCE AIR RESULTS, THE PREFABRICATED UNITS SHALL BE SEALED THEN SEPARATED FROM THE REGULATED ABATEMENT WORK AREA AND REMOVED FROM THE SITE.

(8) CLEAN ROOM. THE CLEAN ROOM SHALL BE SIZED TO ACCOMMODATE A FULL WORKSHIFT OF ASBESTOS ABATEMENT CONTRACTOR PERSONNEL, AS WELL AS THE AIR SAMPLING TECHNICIAN AND THE PROJECT MONITOR. THE CLEAN ROOM SHALL BE A MINIMUM OF SIX FEET IN HEIGHT. A MINIMUM OF 32 SQUARE FEET OF FLOOR SPACE SHALL BE PROVIDED FOR EVERY SIX FULL SHIFT ABATEMENT WORKERS, CALCULATED ON THE BASIS OF THE LARGEST WORK SHIFT. IF THE LARGEST WORK SHIFT CONSISTS OF THREE OR LESS FULL SHIFT ABATEMENT WORKERS, THE MINIMUM CLEAN ROOM SIZE REQUIREMENT IS REDUCED TO 24 SQUARE FEET OF FLOOR SPACE. BENCHES, LOCKERS AND HOOKS SHALL BE PROVIDED FOR STREET CLOTHES, SHELVES FOR STORING RESPIRATORS SHALL BE PROVIDED. CLEAN CLOTHING, REPLACEMENT FILTERS FOR RESPIRATORS, TOWELS AND OTHER NECESSARY ITEMS SHALL BE PROVIDED. THE CLEAN ROOM SHALL NOT BE USED FOR STORAGE OF TOOLS, EQUIPMENT OR MATERIALS. IT SHALL NOT BE USED FOR OFFICE SPACE. A LOCKABLE DOOR SHALL BE PROVIDED TO PERMIT ACCESS TO THE CLEAN ROOM FROM OUTSIDE THE REGULATED ABATEMENT WORK AREA OR ENCLOSURE AND SHALL BE USED TO SECURE THE REGULATED ABATEMENT WORK AREA AND DECONTAMINATION ENCLOSURE DURING NON-WORK HOURS.

(9) SHOWER ROOM. THE SHOWER ROOM SHALL CONTAIN ONE SHOWER PER EVERY SIX FULL SHIFT ABATEMENT WORKERS, CALCULATED ON THE BASIS OF THE LARGEST WORK SHIFT. MULTIPLE SHOWERS SHALL BE SIMULTANEOUSLY ACCESSIBLE (INSTALLED IN PARALLEL) TO CERTIFIED PERSONNEL. EACH SHOWERHEAD SHALL BE SUPPLIED WITH HOT AND COLD WATER ADJUSTABLE AT THE TAP. THE SHOWER ENCLOSURE SHALL BE

CONSTRUCTED TO ENSURE AGAINST LEAKAGE OF ANY KIND. UNCONTAMINATED SOAP, SHAMPOO AND TOWELS SHALL BE AVAILABLE AT ALL TIMES. SHOWER WATER SHALL BE DRAINED, COLLECTED AND FILTERED THROUGH A SYSTEM WITH AT LEAST 5.0-MICRON PARTICLE SIZE COLLECTION CAPABILITY. SUBMERSIBLE PUMPS SHALL BE INSTALLED, MAINTAINED AND UTILIZED IN ACCORDANCE WITH PERTINENT OSHA REGULATIONS AND MANUFACTURER'S RECOMMENDATIONS. A MULTI-STAGE FILTERING SYSTEM CONTAINING A SERIES OF SEVERAL FILTERS WITH PROGRESSIVELY SMALLER PORE SIZES SHALL BE USED TO AVOID RAPID CLOGGING OF THE FILTERING SYSTEM BY LARGER PARTICLES. FILTERED WASTEWATER SHALL BE DISCHARGED IN ACCORDANCE WITH APPLICABLE CODES. CONTAMINATED FILTERS SHALL BE DISPOSED OF AS ASBESTOS-CONTAMINATED WASTE.

(10) EQUIPMENT ROOM. THE EQUIPMENT ROOM SHALL BE USED FOR THE STORAGE OF DECONTAMINATED EQUIPMENT AND TOOLS. A ONE-DAY SUPPLY OF REPLACEMENT FILTERS FOR HEPA-VACUUMS AND NEGATIVE PRESSURE VENTILATION EQUIPMENT IN SEALED CONTAINERS, EXTRA TOOLS, CONTAINERS OF SURFACTANT AND OTHER MATERIALS AND EQUIPMENT THAT MAY BE REQUIRED DURING THE ABATEMENT PROJECT MAY ALSO BE STORED HERE. A CONTAINER LINED WITH A LABELED, AT LEAST SIX MIL PLASTIC BAG FOR COLLECTION OF CLOTHING SHALL BE LOCATED IN THIS ROOM. CONTAMINATED FOOTWEAR AND WORK CLOTHES SHALL BE STORED IN THIS AREA.

(11) AIRLOCKS. AIRLOCK CONSTRUCTION SHALL CONSIST OF TWO CURTAINED DOORWAYS WITH THREE ALTERNATING SIX MIL FIRE-RETARDANT POLYETHYLENE CURTAINS PER DOORWAY, SEPARATED BY A DISTANCE OF AT LEAST THREE FEET, SUCH THAT ONE PASSES THROUGH ONE DOORWAY INTO THE AIRLOCK, ALLOWING THE DOORWAY SHEETING TO OVERLAP AND CLOSE OFF THE OPENING BEFORE PROCEEDING THROUGH THE NEXT DOORWAY. MINIMUM AIRLOCK SIZE SHALL BE THREE FEET LONG, BY SIX FEET IN HEIGHT.

REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE.

IF A PERSONAL DECONTAMINATION SYSTEM CANNOT BE ATTACHED TO THE REGULATED ABATEMENT WORK AREA, DUE TO AVAILABLE SPACE RESTRICTIONS OR OTHER BUILDING AND FIRE CODE RESTRICTIONS, A REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE MAY BE USED FOR LIMITED SPECIAL PROJECTS AS PER SUBPART 56-11 OF NYCRR PART 56. NEGATIVE PRESSURE TENT ENCLOSURE WORK AREAS WITH GLOVEBAG ONLY ABATEMENT, OR IF NON-FRAGILE ACM IS BEING REMOVED IN A MANNER WHICH WILL NOT RENDER THE ACM FRAGILE. IF IT IS FOUND DURING PHASE II B, THAT THE NON-FRAGILE ACM OR ASBESTOS MATERIAL WILL BECOME FRAGILE DURING THE REMOVAL PROCESS, AND IT IS LOGISTICALLY POSSIBLE TO ATTACH THE DECONTAMINATION SYSTEM ENCLOSURE, ABATEMENT WORK MUST STOP IMMEDIATELY WHILE THE REMOTE PERSONAL DECONTAMINATION SYSTEM IS RELOCATED TO BE ATTACHED AND CONTIGUOUS TO THE REGULATED ABATEMENT WORK AREA. THE FOLLOWING REQUIREMENTS APPLY FOR ALL REMOTE PERSONAL DECONTAMINATION SYSTEMS:

(1) PROTECTIVE CLOTHING. WORKERS SHALL DON TWO SETS OF DISPOSABLE PROTECTIVE CLOTHING AND A SUPPLY OF PROTECTIVE CLOTHING SHALL BE KEPT IN THE AIRLOCKS ATTACHED TO THE REGULATED ABATEMENT WORK AREA.

(2) LOCATION. THE REMOTE PERSONAL DECONTAMINATION SYSTEM SHALL BE CONSTRUCTED AS CLOSE TO THE REGULATED ABATEMENT WORK AREA AS PHYSICALLY POSSIBLE. IF THE REMOTE PERSONAL DECONTAMINATION SYSTEM MUST BE LOCATED AT THE EXTERIOR OF THE BUILDING/STRUCTURE DUE TO SPACE OR CODE RESTRICTIONS, IT SHALL BE CONSTRUCTED WITHIN 50 FEET OF THE BUILDING/STRUCTURE EXIT USED FOR ACCESS BY THE ASBESTOS ABATEMENT CONTRACTOR PERSONNEL. THE DECONTAMINATION UNIT SHALL BE CORDONED OFF AT A DISTANCE OF 25 FEET TO SEPARATE IT FROM PUBLIC AREAS.

(3) AIRLOCKS. AT A MINIMUM, TWO EXTRA AIRLOCKS AS DEFINED IN SECTION 56-2.1 OF NYCRR PART 56 SHALL BE CONSTRUCTED AS PER PARAGRAPH (B)(11) OF SECTION 56-7.5. ONE SHALL BE CONSTRUCTED AT THE ENTRANCE TO THE EQUIPMENT ROOM OR EQUIPMENT/WASHROOM. THE OTHER EXTRA AIRLOCK SHALL BE CONSTRUCTED AT THE ENTRANCE TO THE CONTAINMENT OR REGULATED ABATEMENT WORK AREA(S). THESE AIRLOCKS SHALL HAVE LOCKABLE DOORWAYS AT THE ENTRANCE TO THE AIRLOCK FROM UNCONTAMINATED AREAS. THESE AIRLOCKS SHALL BE CORDONED OFF AT A DISTANCE OF 25 FEET AND APPROPRIATELY SIGNED IN ACCORDANCE WITH SECTION 56-7.4(C) OF NYCRR PART 56. AIRLOCKS SHALL NOT BE USED AS A WASTE DECONTAMINATION AREA AND SHALL BE KEPT CLEAN AND FREE OF ASBESTOS CONTAINING MATERIAL.

(4) DESIGNATED PATHWAY. THE WALKWAY FROM THE REGULATED ABATEMENT WORK AREA TO THE PERSONAL DECONTAMINATION SYSTEM OR NEXT REGULATED ABATEMENT WORK AREA SHALL BE CORDONED OFF AND SIGNAGE INSTALLED AS PER SECTION 56-7.4(C) OF NYCRR PART 56, TO DELINEATE IT FROM PUBLIC AREAS WHILE IN USE DURING PHASES II A THROUGH II D.

(5) TRAVEL THROUGH UNCONTAMINATED AREAS. IF AT ANY TIME A WORKER MUST TRAVEL THROUGH AN UNCONTAMINATED AREA TO ACCESS THE PERSONAL DECONTAMINATION AREA, THE WORKER SHALL HEPA-VACUUM AND/OR WET WIPE HIS/HER OUTER PROTECTIVE CLOTHING WHILE IN THE REGULATED ABATEMENT WORK AREA, THEN PROCEED INTO THE AIRLOCK, WHICH SERVES AS A CHANGING AREA. WHERE HE/SHE SHALL REMOVE THE OUTER CLOTHING AND DON A CLEAN SET OF PROTECTIVE CLOTHING. THE WORKER MAY THEN PROCEED TO THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE ONLY ALONG A DESIGNATED PATHWAY AS DESCRIBED ABOVE. TRAVEL IN ANY OTHER AREA SHALL NOT BE ALLOWED.

(6) REMOVAL. THE REMOTE PERSONAL DECONTAMINATION UNIT SHALL BE REMOVED ONLY AFTER SATISFACTORY CLEARANCE AIR SAMPLING RESULTS HAVE BEEN ACHIEVED.

WASTE DECONTAMINATION SYSTEM ENCLOSURE—LARGE AND SMALL ASBESTOS PROJECTS.

(1) ENCLOSURE—GENERAL. A WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL BE PROVIDED OUTSIDE THE REGULATED ABATEMENT WORK AREA AND SHALL BE ATTACHED TO THE REGULATED ABATEMENT WORK AREA. ONE WASTE DECONTAMINATION ENCLOSURE FOR EACH REGULATED ABATEMENT WORK AREA SHALL BE REQUIRED. THIS SYSTEM MAY UTILIZE ADEQUATE EXISTING LIGHTING SOURCES SEPARATE FROM THE

DECONTAMINATION SYSTEM ENCLOSURE, OR SHALL BE SUPPLIED WITH A GFCI PROTECTED TEMPORARY LIGHTING SYSTEM. THE WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL BE SIZED TO ACCOMMODATE THE NUMBER OF WORKERS AND EQUIPMENT FOR THE INTENDED PURPOSE. SUCH SYSTEM MAY CONSIST OF EXISTING ATTACHED ROOMS OUTSIDE OF THE REGULATED ABATEMENT WORK AREA, IF THE LAYOUT IS APPROPRIATE, THAT CAN BE PLASTICIZED AND ARE ACCESSIBLE FROM THE REGULATED ABATEMENT WORK AREA. WHEN THIS SITUATION DOES NOT EXIST, ENCLOSURE SYSTEMS MAY BE CONSTRUCTED OF METAL, WOOD OR PLASTIC SUPPORTS COVERED WITH FIRE-RETARDANT PLASTIC SHEETING. A MINIMUM OF ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING SHALL BE INSTALLED ON THE CEILING, AND WALLS OF THE ENCLOSURE SYSTEM. AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOORING PROTECTION OF THIS AREA. THIS SYSTEM MUST BE KEPT CLEAN, SANITARY AND CLIMATE CONTROLLED AT ALL TIMES IN CONFORMANCE TO ALL FEDERAL, STATE AND LOCAL GOVERNMENT REQUIREMENTS. THIS SYSTEM SHALL REMAIN AND BE USED UNTIL COMPLETION OF PHASE II C OF THE ASBESTOS PROJECT.

(2) ROOMS AND CONFIGURATION. A WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL CONSIST OF A WASHROOM AND A HOLDING AREA CONNECTED IN SERIES BUT SEPARATED FROM EACH OTHER BY AN AIRLOCK. THERE SHALL BE A LOCKABLE DOOR TO THE OUTSIDE, AND THERE SHALL BE A CURTAINED DOORWAY BETWEEN THE WASHROOM AND THE REGULATED ABATEMENT WORK AREA.

(3) CURTAINED DOORWAY. AN ASSEMBLY WHICH CONSISTS OF AT LEAST THREE OVERLAPPING SHEETS OF SIX MIL FIRE-RETARDANT PLASTIC OVER AN EXISTING OR TEMPORARILY FRAMED DOORWAY. ONE SHEET SHALL BE SECURED AT THE TOP AND LEFT SIDE, THE SECOND SHEET AT THE TOP AND RIGHT SIDE, AND THE THIRD SHEET AT THE TOP AND LEFT SIDE. ALL SHEETS SHALL HAVE WEIGHTS ATTACHED TO THE BOTTOM TO INSURE THAT THE SHEETS HANG STRAIGHT AND MAINTAIN A SEAL OVER THE DOORWAY WHEN NOT IN USE.

(4) WASHROOM. A ROOM/CHAMBER BETWEEN THE REGULATED ABATEMENT WORK AREA AND THE HOLDING AREA IN THE WASTE DECONTAMINATION SYSTEM ENCLOSURE WHERE EQUIPMENT AND WASTE CONTAINERS ARE WET CLEANED OR HEPA-VACUUMED. ADEQUATE DRAINAGE AND BAG/CONTAINER WASH WATER SHALL BE PROVIDED WITHIN THE ROOM/CHAMBER, AS WELL AS A SUFFICIENT QUANTITY OF CLEAN WASTE BAGS/CONTAINERS.

(5) EQUIPMENT/WASHROOM ALTERNATIVE. WHERE THERE IS ONLY ONE EXIT FROM THE REGULATED ABATEMENT WORK AREA, THE HOLDING AREA OF THE WASTE DECONTAMINATION SYSTEM ENCLOSURE MAY BRANCH OFF FROM THE EQUIPMENT ROOM OF THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE. THE EQUIPMENT ROOM WILL ALSO BE USED AS A WASTE WASHROOM.

(6) PLASTIC SHEETING. WASTE DECONTAMINATION SYSTEM ENCLOSURES CONSTRUCTED AT THE WORK SITE SHALL USE AT LEAST ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING ON WALLS AND CEILING. AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOORING PROTECTION OF THESE AREAS.

(7) ENCLOSURE SECURITY. THE WASTE DECONTAMINATION SYSTEM ENCLOSURE AND REGULATED ABATEMENT WORK AREA AIRLOCK(S) (WHEN REMOTE DECONTAMINATION SYSTEMS ARE USED) SHALL BE CONSTRUCTED WITH LOCKABLE DOORS TO PREVENT UNAUTHORIZED ENTRY. ENCLOSURE SYSTEMS LOCATED WITHIN 25 FEET OF AN AREA OF PUBLIC ACCESS SHALL BE FULLY FRAMED AND HARD-WALL SHEATHED FOR SAFETY.

(8) DRAINS. THE WASTE WASHROOM SHALL BE EQUIPPED WITH A WASH BIN OF SUFFICIENT SIZE TO PERFORM WASTE CONTAINER WASHING OPERATIONS AND SHALL HAVE A SUBMERSIBLE PUMP INSTALLED TO COLLECT WASTE WATER AND DELIVER IT TO THE SHOWER WASTEWATER FILTRATION SYSTEM WHERE IT SHALL BE FILTERED IN ACCORDANCE WITH PARAGRAPH (B)(9) OF NYCRR PART 56-7.5.

(9) SHOWER/WASHROOM ALTERNATIVE - SMALL ASBESTOS PROJECT. FOR SMALL ASBESTOS PROJECTS WITH ONLY ONE EXIT FROM THE REGULATED ABATEMENT WORK AREA, THE SHOWER ROOM MAY BE USED AS A WASTE WASHROOM. THE CLEAN ROOM SHALL NOT BE USED FOR WASTE STORAGE, BUT SHALL BE USED FOR WASTE TRANSFER TO CARTS, WHICH SHALL BE IMMEDIATELY REMOVED FROM THE ENCLOSURE. WASTE SHALL BE TRANSFERRED ONLY DURING TIMES WHEN THE SHOWERS ARE NOT IN USE.

WASTE DECONTAMINATION SYSTEM ENCLOSURE - WHEN REMOTE PERSONAL IS ALLOWED.

WHEN A REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE IS ALLOWED AND UTILIZED FOR A REGULATED ABATEMENT WORK AREA, THE FOLLOWING REQUIREMENTS SHALL APPLY:

(1) MINOR SIZE REGULATED ABATEMENT WORK AREA. NO SPECIFIC WASTE DECONTAMINATION SYSTEM ENCLOSURE IS REQUIRED FOR MINOR SIZE REGULATED ABATEMENT WORK AREAS. THE WASTE GENERATED SHALL BE IMMEDIATELY BAGGED/CONTAINERIZED WITHIN THE REGULATED ABATEMENT WORK AREA.

(2) SMALL AND LARGE SIZE REGULATED ABATEMENT WORK AREAS.

(3) WASHROOM. AN ADDITIONAL CHAMBER SHALL BE CONSTRUCTED WITHIN THE REGULATED ABATEMENT WORK AREA, ATTACHED TO THE EXISTING AIRLOCK USED TO ACCESS THE WORK AREA. THE WASHROOM/AIRLOCK COMBINATION SHALL BE UTILIZED AS THE CONTIGUOUS WASTE DECONTAMINATION ENCLOSURE FOR WASTE BAGGING/CONTAINERIZATION AND WASTE TRANSFER ACTIVITIES. THE WASHROOM SHALL BE CONSTRUCTED AND SUPPLIED WITH EQUIPMENT/MATERIALS CONSISTENT WITH WASTE DECONTAMINATION SYSTEM ENCLOSURE WASHROOM REQUIREMENTS FOR CONTIGUOUS PERSONAL AND WASTE DECONTAMINATION SYSTEM ENCLOSURES.

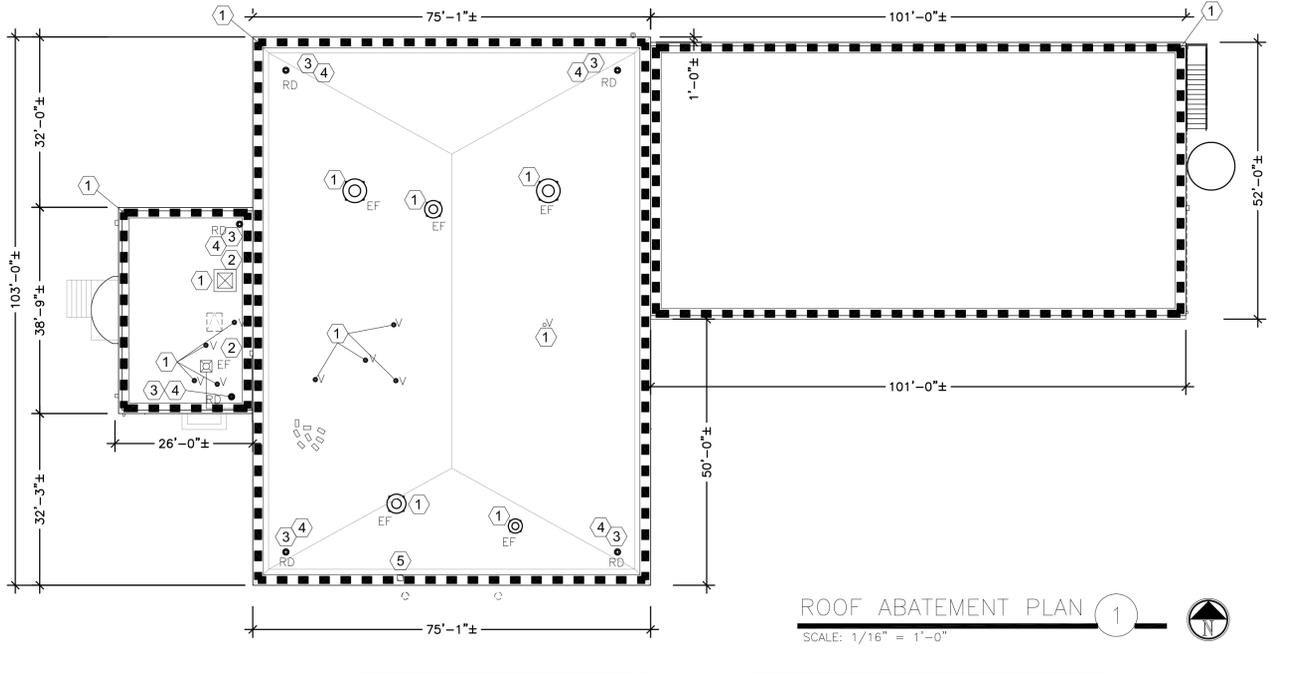
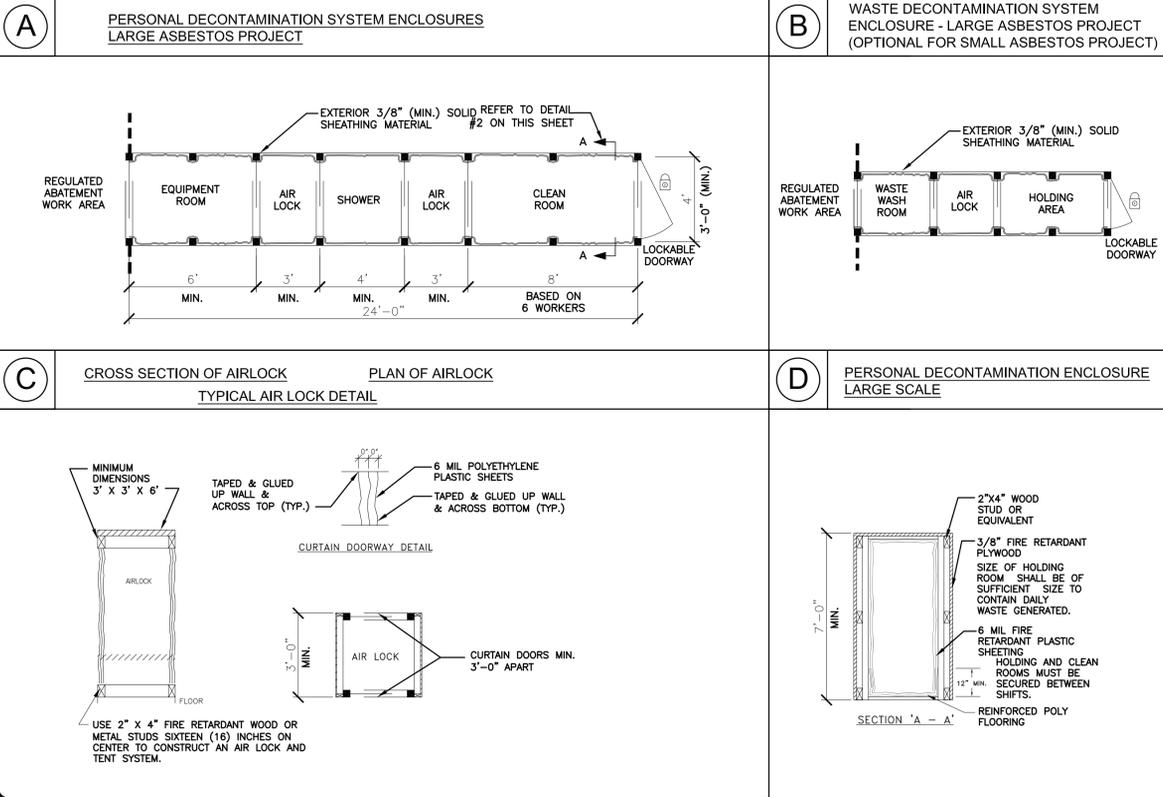
(4) REMOVAL. THE WASHROOM CHAMBER SHALL BE REMOVED ONLY AFTER SATISFACTORY CLEARANCE AIR SAMPLING RESULTS HAVE BEEN ACHIEVED.

GENERAL ABATEMENT NOTES

- SPECIFICATION SECTION 028213 & 028304 AND THE ABATEMENT LEGEND LISTS APPROXIMATE QUANTITIES FOR REMOVAL. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL ABATEMENT QUANTITIES OF ACM INCLUDING, SIZES, LENGTHS, SQUARE FOOTAGES AND CONFIGURATIONS.
- THIS FACILITY WILL BE OCCUPIED DURING CONSTRUCTION WORK.
- SHUT DOWN AND ISOLATE EXISTING MECHANICAL EQUIPMENT SYSTEMS TO PREVENT CONTAMINATION AND DISPERSAL TO OTHER AREAS IN THE BUILDING. COORDINATE WITH THE DIRECTOR'S REPRESENTATIVE.
- ANY CRITICAL ELECTRICAL RUNS THROUGH THE WORK AREA SHALL REMAIN ACTIVE DURING THE ENTIRE ABATEMENT PROCESS. PROVIDE ANY REQUIRED VARIANCES REQUIRED TO MAINTAIN CRITICAL ELECTRICAL RUNS.
- ALL SCHEDULED ABATEMENT WORK SHALL BE COORDINATED WITH THE DIRECTOR'S REPRESENTATIVE. FOLLOW ALL RULES AND REGULATIONS OF NYS ICR 56, EPA, OSHA AND OTHER APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS DURING THE ENTIRE PROJECT.
- ATTEND THE PRE-WORK CONFERENCE AND PROVIDE A DETAILED ABATEMENT WORK PLAN FOR REVIEW.
- BE RESPONSIBLE FOR ON-SITE SAFETY AND SECURITY OF EMPLOYEES DURING ALL HAZARDOUS REMOVAL ACTIVITIES. ASSUME RESPONSIBILITY FOR PROCEEDING WITH THE WORK IN A MANNER THAT OFFERS EMPLOYEES A WORKPLACE FREE FROM RECOGNIZED HAZARDS CAUSING SERIOUS HEALTH, HARM OR INJURY.
- PROVIDE TO THE DIRECTOR'S REPRESENTATIVE ALL WASTE TRANSPORTER PERMITS, WASTE DISPOSAL RECEIPTS AND THE CONTRACTORS POST ABATEMENT REPORT. SEE THE CLOSEOUT SUBMITTAL SECTION IN EACH OF THE ABATEMENT SPEC SECTIONS FOR DETAILS.
- VERIFY THAT LANDFILL ACCEPTS ALL OF THE TYPES OF HAZARDOUS MATERIALS WITHIN PROJECTS SCOPE OF WORK.
- ANY REMOVAL WORK OR ANY OTHER WORK IN THESE AREAS SHALL COMMENCE ONLY AFTER THE HAZARDOUS MATERIAL REMOVAL WORK IS COMPLETED AND ONLY AFTER THE NECESSARY CLEARANCES ARE OBTAINED.
- UPON COMPLETION OF HAZARDOUS MATERIAL REMOVALS WORK, ANY EXISTING AREAS AND/OR FINISHES THAT HAVE BEEN DAMAGED THAT ARE NOT PART OF THE REMOVAL SCOPES OF WORK (INCLUDES AREAS AND/OR FINISHES AS A RESULT OF ANY TEMPORARY PARTITIONS AND WASTE DECON UNIT ENCLOSURES CONSTRUCTION) SHALL BE RESTORED TO ORIGINAL CONDITIONS AT NO ADDITIONAL COST TO THE STATE. FINISH RESTORATION SHALL BE APPROVED BY THE DIRECTOR'S REPRESENTATIVE.
- THE RESULTS OF THE TESTING FOR ACM, LEAD BASED PAINT & PCB'S IS LISTED IN THE BUILDING ASBESTOS SURVEY REPORT BOUND IN THE APPENDIX OF THE PROJECT MANUAL. REFER TO SPECIFICATION SECTION 003126.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH SPEC SECTION 028213, 028304 AND NYCRR PART 56.

ABATEMENT KEYNOTE LEGEND		APPROX. QTY.
①	REMOVE AND DISPOSE OF PERIMETER FLASHING, VENT FLASHINGS & MECHANICAL UNITS FLASHINGS AND ASSOCIATED TARS TO TOP OF STRUCTURAL ROOF DECK	1,000 SQ. FT.
②	REMOVE AND DISPOSE OF BLACK REPAIR TAR AND UNDERLYING ROOF MATERIALS TO TOP OF STRUCTURAL ROOF DECK	150 SQ. FT.
③	REMOVE AND DISPOSE OF ROOF DRAINS AND RELATED TARS AND UNDERLYING ROOF MATERIALS TO TOP OF STRUCTURAL ROOF DECK	6 DRAINS / 24 SQ. FT.
④	REMOVE AND DISPOSE OF ROOF DRAIN PIPE INSULATION FITTINGS	30 LIN. FT & 12 FITTINGS
⑤	REMOVE AND DISPOSE OF PITCH POCKETS AND RELATED TARS AND UNDERLYING ROOF MATERIALS TO TOP OF STRUCTURAL ROOF DECK	2 SQ. FT.

PERSONAL & WASTE DECON DETAILS



ROOF ABATEMENT PLAN
SCALE: 1/16" = 1'-0"

NEW YORK STATE OF OPPORTUNITY | **Office of General Services**

DESIGN & CONSTRUCTION

CONSULTANT

FELLENZER III
FE #: 23-377 ENGINEERING LLP

Adelaide
ENVIRONMENTAL HEALTH

WARNING:
THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER, OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.

REGISTERED ARCHITECT
NEW YORK STATE
RICHARD DEBONO
027811
REGISTRATION EXPIRES: 06/31/2026

CONTRACT: **CONSTRUCTION**

TITLE: REPLACE ROOF
DOT REGION 8, ORANGE COUNTY

LOCATION: NYS NEWBURGH DOT FACILITY
112 DICKSON STREET
NEWBURGH, NY 12550

CLIENT: NEW YORK STATE
DEPARTMENT OF TRANSPORTATION

09/20/2024 BID DOCUMENTS

MARK	DATE	DESCRIPTION
PROJECT NUMBER:		Q1858-C
DESIGNED BY:	AEHA	
DRAWN BY:	PCS	
FIELD CHECK:		
APPROVED:	JPF	
SHEET TITLE:		

ROOF ABATEMENT PLAN

DRAWING NUMBER: H-100

SHEET 2 of 9

GENERAL NOTES:

- CHECK ALL DIMENSIONS ON THESE PLANS AGAINST FIELD CONDITION PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE DIRECTOR'S REPRESENTATIVE. 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.
- ALL WORK PERFORMED SHALL COMPLY WITH BUILDING AND ZONING ORDINANCE OF THE LOCAL AUTHORITY HAVING JURISDICTION, AND THE NYS (BC) BUILDING AND ENERGY CODES.
- 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 DIRECTOR'S REPRESENTATIVE WITH CERTIFICATES OF INSURANCE.
- EXISTING WALL AND CEILING FINISHES SHALL REMAIN.
- PROPERLY FLASH, CAULK, GASKET, WEATHER-STRIP OR OTHERWISE SEAL ALL EXTERIOR OPENINGS.
- PROVIDE AND INSTALL ALL COMPONENTS INDICATED ON DETAIL SHEETS, PLANS, SPECIFICATIONS AND ALL PERTINENT EQUIPMENT REQUIRED FOR A COMPLETE AND WORKABLE SYSTEM.
- PROTECT THE PUBLIC AND STRUCTURE DURING CONSTRUCTION WITH OVERHEAD PROTECTION AS INDICATED ON PLANS.
- CONTRACT CLOSE OUT: IN THE PRESENCE OF THE DIRECTOR'S REPRESENTATIVE, DEMONSTRATE THAT ALL SPECIFICATIONS HAVE BEEN MET TO THE SATISFACTION OF ALL PARTIES.
- IT IS THE INTENTION THAT THESE SPECIFICATIONS, AND DRAWINGS ACCOMPANYING SAME, SHALL PROVIDE FOR THE FURNISHING AND INSTALLING OF THE BUILDING CONSTRUCTION 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 THIS CONTRACTOR.
- IT IS THE INTENT AND PURPOSE OF THESE SPECIFICATIONS AND DRAWINGS TO PROTECT AND PROVIDE FOR ALL MATERIALS, APPLIANCES AND LABOR TO PROPERLY COMPLETE AND LEAVE IN PERFECT WORKING CONDITION THE ENTIRE SYSTEM HEREINAFTER SPECIFIED. ANY MATERIAL, LABOR OR APPLIANCE NOT SPECIFICALLY MENTIONED IN THESE SPECIFICATIONS OR SHOWN ON THE DRAWINGS, BUT NECESSARY FOR A COMPLETE INSTALLATION MUST BE FURNISHED BY THIS CONTRACTOR.
- 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.

CODE COMPLIANCE INFORMATION

2020 BUILDING CODE OF NEW YORK STATE AND THE 2020 EXISTING BUILDING CODE OF NEW YORK STATE.

- OCCUPANCY CLASSIFICATION
 - *PRIMARY OCCUPANCY (GROUP S1) MODERATE HAZARD STORAGE AND MAINTENANCE GARAGE
 - *ACCESSORY OCCUPANCIES (GROUP B) BUSINESS-ADMINISTRATIVE OFFICES
- CONSTRUCTION CLASSIFICATION: TYPE II-B
- SCOPE OF WORK: EXISTING BUILDING, ROOF REPLACEMENT, LEVEL 1 ALTERATION
- ALL SLOPING DECKS SHALL BE 1/4"/12".*
- NEWBURGH, NY (ORANGE COUNTY) - CLIMATE ZONE 4
- ROOF REQUIRED 'R' VALUE PER TABLE C402.1.3.

*SECTION 705 RE-ROOFING OF EBC SUBSECTION 705.1 GENERAL EXCEPTION 1 STATE: ROOF REPLACEMENT OF EXISTING LOW SLOPED ROOF SHALL NOT BE REQUIRED TO MEET THE MINIMUM DESIGN SLOPE OF .25/12 (2% SLOPE) FOR ROOFS THAT PROVIDE POSITIVE ROOF DRAINAGE. GARAGE ROOF PROVIDES POSITIVE DRAINAGE.

CLIMATE ZONE: 4 ORANGE COUNTY, NY			
TABLE C402.1.3/C402.1.4	REQUIRED		PROVIDED
ROOFS			
INSULATION ENTIRELY ABOVE ROOF DECK	R-30ci	U-0.032	R-30ci
METAL BUILDINGS (R-VALUE METHOD WITH THERMAL SPACER)	R-19 + R-11 LS	U-0.035	
ATTIC AND OTHER	R-38	U-0.027	
WALLS, ABOVE GRADE			
MASS (IN ACCORDANCE WITH SECTION C402.2.2)	R-9.5ci	U-0.104	
METAL BUILDING	R-13 + R-13ci	U-0.052	
METAL FRAMED	R-13 + R-7.5ci	U-0.064	
WOOD FRAMED AND OTHER	R-13 + R-3.8ci or R-20	U-0.064	
WALLS, BELOW GRADE			
BELOW - GRADE WALLS	R-7.5ci	C-0.119	
FLOORS			
MASS (IN ACCORDANCE WITH SECTION C402.2.1)	R-10.4ci	U-0.076	
JOIST/FRAMING	R-30 WOOD, R-38 STEEL	U-0.033/0.026	
SLAB-ON-GRADE FLOORS			
UNHEATED SLABS	R-10 for 24" below	F-0.54	
HEATED SLABS	R-15 for 24" below (Perimeter) + R-5 full slab	F-0.86 0.64	
OPAGUE DOORS			
NONSWINGING	R-4.75	---	
SWINGING	---	U-0.61	
GARAGE <14% GLAZING	---	U-0.31	

ci = continuous insulation
 LS = Linear system (A continuous vapor barrier liner membrane installed below purlins, uninterrupted by framing members OR an uncompressed, unfaced insulation resting on top of linear membrane and located between purlins.)

GENERAL SAFETY NOTES

- SCOPE: THE SAFETY OF THE CONSTRUCTION AREA AND ANY ADJACENT PUBLIC AND PRIVATE PROPERTIES SHALL BE PROTECTED DURING CONSTRUCTION AND DEMOLITION AS FOLLOWS, IN ACCORDANCE WITH THE 2020 BUILDING CODE OF NEW YORK STATE CHAPTER 15 AND THE 2020 FIRE CODE OF NEW YORK STATE CHAPTER 33. COMPLIANCE WITH THE NFPA 241 IS REQUIRED FOR ITEMS NOT SPECIFICALLY ADDRESSED. THIS SPECIFICATION PRESCRIBES MINIMUM SAFEGUARDS FOR CONSTRUCTION TO PROVIDE REASONABLE SAFETY TO LIFE AND PROPERTY FROM FIRE DURING SUCH OPERATIONS.
- CONSTRUCTION INCLUDES ANY NEW CONSTRUCTION, DEMOLITION, REMODELING, ALTERATIONS, REPAIRS OR ADDITIONS TO ANY BUILDING OR STRUCTURE.
- MAINTENANCE OF SAFE CONDITIONS:** REQUIRED SAFETY ELEMENTS SUCH AS EXITS, EXISTING STRUCTURAL MEMBERS, FIRE PROTECTION DEVICES AND SANITARY SAFEGUARDS SHALL BE MAINTAINED AT ALL TIMES, EXCEPT WHERE THE BUILDING IS NOT OCCUPIED OR WHERE SUCH REQUIRED ELEMENTS ARE BEING ALTERED OR REPAIRED AND ADEQUATE SUBSTITUTION PROVISIONS ARE MADE.
- FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION:** FIRE SAFETY SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE UNIFORM CODE, INCLUDING BC CHAPTER 15 AND FC CHAPTER 33.
 - FIRE EXTINGUISHERS:** PROVIDE PORTABLE FIRE EXTINGUISHERS FOR PROTECTION DURING CONSTRUCTION WHERE COMBUSTIBLE MATERIAL HAVE ACCUMULATED AND, IN EVERY STORAGE, OR CONSTRUCTION SHED, EXTINGUISHERS SHALL COMPLY WITH THE FC SECTION 906, SIZED FOR ORDINARY HAZARD UNLESS GREATER HAZARD IS SPECIFIED. ADDITIONAL PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED WHERE SPECIAL HAZARDS EXIST, SUCH AS THE STORAGE AND USE OF FLAMMABLE AND COMBUSTIBLE LIQUIDS.
 - FIRE WATCH:** WHERE SPECIFIED HEREIN, QUALIFIED PERSONNEL ACTING AS ON-SITE FIRE WATCH SHALL HAVE AN APPROVED MEANS TO NOTIFY THE FIRE DEPARTMENT, AND THEIR SOLE DUTY SHALL BE TO PERFORM CONSTANT PATROLS AND WATCH FOR THE OCCURRENCE OF FIRE.
 - ANY BURNING, CUTTING, OR WELDING SHALL REQUIRE PERMIT AND APPROVAL.
 - TEMPORARY ELECTRICAL INSTALLATIONS SHALL COMPLY WITH NFPA 70.
- MATERIAL HANDLING:** EQUIPMENT AND MATERIAL SHALL BE STORED AND PLACED, AND WASTE SHALL BE REMOVED, SO AS NOT TO ENDANGER THE PERSONS OR PROPERTY PR TO IMPEDE A MEANS OF EGRESS. PLACE MATERIALS AND WASTE SO AS NOT TO OBSTRUCT ACCESS FIRE HYDRANTS, STANDBY, FIRE EXTINGUISHERS, FIRE OR POLICE ALARM BOXES CATCH BASINS, MANHOLES RELEVANT UTILITY STRUCTURES, TRAFFIC OR OBSERVATION OF TRAFFIC SIGNALS. COMBUSTIBLE DEBRIS SHALL NOT BE ACCUMULATED ON-SITE, AND SHALL BE REMOVED AT THE END OF EACH WORK SHIFT. RUBBISH CONTAINERS WITH A CAPACITY EXCEEDING 5.33 CUBIC FEET (40 GALLON OR 0.15 CUBIC METERS) SHALL HAVE TIGHT-FITTINGS OR SELF-CLOSING LIDS, AND SHALL BE CONSTRUCTED OF NONCOMBUSTIBLE MATERIAL THAT MEETS FC SECTION 3304.2.3(2). MATERIAL SUSCEPTIBLE TO SPONTANEOUS IGNITION SHALL BE STORED IN A LISTED DISPOSAL CONTAINER.
- SITE WORK:** SITE WORK SHALL BE CONDUCTED SO AS NOT TO ENDANGER LIFE OR PROPERTY. SITE WORK SHALL BE CONDUCTED IN ACCORDANCE WITH BC SECTION 3304. PROVISIONS SHALL BE MADE TO PREVENT THE ACCUMULATION OF WATER ON THE PREMISES OR ADJOINING PROPERTY. SERVICE UTILITY CONNECTIONS SHALL BE DISCONTINUED AND CAPPED IN ACCORDANCE WITH THE APPROVED RULES AND THE REQUIREMENTS OF THE APPLICABLE GOVERNING AUTHORITY.

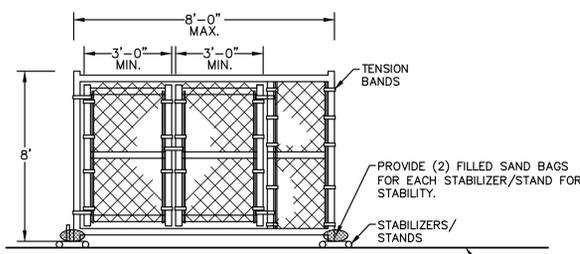
CONSTRUCTION SAFEGUARDS

- CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE STORED AND PLACED SO AS NOT TO ENDANGER THE PUBLIC, THE WORKERS OR ADJOINING PROPERTY FOR THE DURATION OF THE CONSTRUCTION PROJECT.
- REQUIRED EXITS, EXISTING STRUCTURAL ELEMENTS, FIRE PROTECTION DEVICES AND SANITARY SAFEGUARDS SHALL BE MAINTAINED AT ALL TIMES DURING ALTERATIONS, REPAIRS OR ADDITIONS TO ANY BUILDING OR STRUCTURE.
- WASTE MATERIALS SHALL BE REMOVED IN A MANNER THAT PREVENTS INJURY OR DAMAGE TO PERSONS, ADJOINING PROPERTIES AND PUBLIC RIGHTS-OF-WAY.
- FIRE SAFETY DURING DEMOLITION AND CONSTRUCTION SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE 2020 NYS BUILDING CODE AND THE APPLICABLE PROVISIONS OF THE 2020 FIRE CODE OF NEW YORK STATE.
- THE OWNER OR OWNER'S AUTHORIZED AGENT SHALL BE RESPONSIBLE FOR THE DEVELOPMENT, IMPLEMENTATION AND MAINTENANCE OF A WRITTEN PLAN ESTABLISHING A FIRE PREVENTION PROGRAM AT THE PROJECT SITE APPLICABLE THROUGHOUT ALL PHASES OF THE CONSTRUCTION, REPAIR, ALTERATION OR DEMOLITION WORK.

SIDEWALK SHEDS:

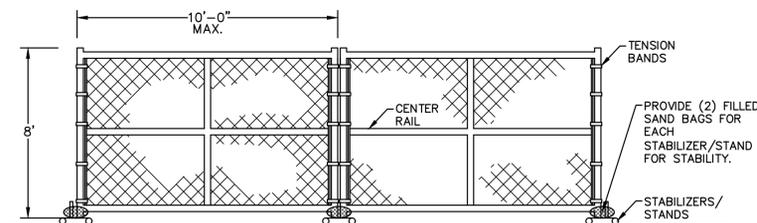
A SIDEWALK SHED IS A STRUCTURE WHICH MAY BE CONSIDERED BY OSHA TO BE ANOTHER TYPE OF SUPPORTED SCAFFOLD. IT IS CONSTRUCTED TO PROTECT PEDESTRIANS FROM OBJECTS FALLING FROM A BUILDING OR CONSTRUCTION SITE. CONTRACTOR MAY HAVE TO ERECT A SIDEWALK SHED BEFORE BEGINNING THE RENOVATION OF A BUILDING FAÇADE, 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.

- A SIDEWALK SHED IS REQUIRED WHEN CONSTRUCTION WORK IS OVER 40 FEET HIGH OR 25 FEET HIGH FOR DEMOLITION WORK, AND WHENEVER THERE IS A "DANGEROUS CONDITION" IRRESPECTIVE OF HEIGHT.
- A SIDEWALK SHED MUST BE ERECTED WHENEVER MATERIALS OR DEBRIS ARE TO BE MOVED BY A HOIST, CRANE, DERRICK OR CHUTE OVER THE SIDEWALK OR TEMPORARY SIDEWALK THAT IS NOT CLOSED TO THE PUBLIC, REGARDLESS OF BUILDING HEIGHT OR HORIZONTAL DISTANCE BETWEEN BUILDING AND SIDEWALK.
- ADEQUATE LIGHTING MUST BE MAINTAINED UNDER THE SHED.
- THE SIDEWALK-SHED CONSTRUCTION SHALL BE DESIGNED BY AN ARCHITECT OR ENGINEER TO MEET THE ANTICIPATED LIVE LOAD.
- A SIDEWALK-SHED DECK SHALL BE DESIGNED AND CONSTRUCTED TO CARRY A LIVE LOAD OF AT LEAST THREE HUNDRED POUNDS PER SQUARE FOOT.
- STORAGE SHALL NOT EXCEED THREE HUNDRED POUNDS PER SQUARE FOOT.
- THE MEMBERS OF THE SIDEWALK SHED SHALL BE ADEQUATELY BRACED AND CONNECTED TO PREVENT DISPLACEMENT OR DISTORTION OF THE FRAMEWORK AND ANCHORED AGAINST UPLIFT.
- WHEN POSTS SUPPORTING THE SHED DECK ARE PLACED BEYOND THE CURB IN THE STREET, SUCH POSTS SHALL BE PROTECTED AGAINST DISPLACEMENT BY VEHICLES.
- THE DECK OF THE SIDEWALK SHED SHALL CONSIST OF PLANKING CLOSELY LAID AND MADE TIGHT.
- STEEL OR OTHER MATERIAL HAVING EQUIVALENT STRENGTH AND SUITABILITY MAY BE USED IN LIEU OF WOOD TO CONSTRUCT SHEDS.
- THE OUTER SIDE AND ENDS OF THE DECK OF THE SHED SHALL BE PROVIDED WITH A SUBSTANTIAL ENCLOSURE AT LEAST THREE FEET SIX INCHES HIGH. SUCH ENCLOSURE MAY BE VERTICAL OR INCLINED OUTWARD AT APPROXIMATELY FORTY-FIVE DEGREES, AND SHALL CONSIST OF BOARDS LAID CLOSE TOGETHER AND SECURED TO BRACED UPRIGHTS OF GALVANIZED WIRE SCREEN NOT LESS THAN NO. 16 STEEL WIRE GAGE WITH A ONE-HALF INCH MESH OF CORRUGATED METAL OR SOLID PLYWOOD. TEMPORARY REMOVAL OF PORTIONS OF THE ENCLOSURE SHALL BE PERMITTED FOR HANDLING MATERIAL.
- THE WALKWAY OR PASSAGEWAY BENEATH THE SHED SHALL BE WIDE ENOUGH TO ACCOMMODATE PEDESTRIAN TRAFFIC NORMAL FOR THAT LOCATION WITHOUT CAUSING CONGESTION; BUT BY NO CASE SHALL THE WIDTH BE LESS THAN FOUR FEET. THE PASSAGEWAY MUST HAVE A MINIMUM CLEAR HEIGHT OF EIGHT FEET.
- UNLESS THE TOP DECK OF THE SIDEWALK SHED IS BUILT SOLIDLY AGAINST THE FACE OF THE STRUCTURE IN SUCH A MANNER THAT NO MATERIAL CAN FALL ONTO THE SIDEWALK, THE SIDE OF THE SHED TOWARD THE STRUCTURE SHALL BE SOLIDLY SEALED WITH WOOD OR OTHER SUITABLE MATERIAL FOR THE FULL HEIGHT OF THE SHED.
- SOLID SLIDING OR IN-SWINGING GATES MAY BE PROVIDED AS NECESSARY FOR THE PROPER PROSECUTION OF THE WORK.
- THE UNDERSIDE OF THE SIDEWALK SHED SHALL BE LIGHTED AT ALL TIMES EITHER BY NATURAL OR ARTIFICIAL LIGHT. THE LEVEL OF ILLUMINATION SHALL BE THE EQUIVALENT OF THAT PRODUCED BY TWO ONE-HUNDRED WATT, THIRTY-FOUR HUNDRED LUMEN MINIMUM STANDARD INCANDESCENT LAMPS ENCLOSED IN VANDAL- PROOF FIXTURES AND SPACED FIFTEEN FEET APART AND EIGHT FEET ABOVE THE FLOOR LEVEL.
- ARTIFICIAL LIGHTING UNITS SHOULD BE CHECKED NIGHTLY; AND BURNED OUT OR INOPERABLE UNITS MUST BE REPLACED OR REPAIRED IMMEDIATELY.
- ALL OPENINGS IN SIDEWALK SHEDS, WHETHER AT THE DECK OR STREET LEVEL, FOR LOADING PURPOSES MUST BE KEPT CLOSED, BARRICADED, PROTECTED OR GUARDED AT ALL TIMES.



- NOTES:
- CENTER RAIL REQUIRED ON GATE LEAVES.
 - CONTRACTOR TO PROPOSE AND COORDINATE LOCATION WITH VA. SEE DETAIL #1 FOR APPROXIMATE LOCATIONS.

TEMPORARY CONSTRUCTION FENCING WITH DOUBLE MAN GATE DETAIL
 N.T.S.



- NOTES:
- SEE DETAIL 1 FOR LOCATIONS OF TEMPORARY CONSTRUCTION FENCING AND ADDITIONAL INFORMATION.
 - 2x10GA WIRE FILL
 - TENSION BANDS W/ NUTS AND BOLTS (NOT PRESS CLIPS)
 - WIRE TIES EVERY 12"
 - PROVIDE SAND BAGS AS ADDITIONAL SUPPORT ATOP STABILIZERS/STANDS.

8' TEMPORARY CONSTRUCTION FENCING DETAIL
 N.T.S.

ABBREVIATIONS

AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AL	ALUMINUM
CAT.	CATALOG
CG	CEILING GRILLE
C.J.	CEILING JOIST
CLG	CEILING
CMU	CONCRETE MASONRY UNIT
DIV	DIVISION
DN.	DOWN
DWG	DRAWING
EA	EACH
E.C.	ELECTRICAL CONTRACTOR
ELEC.	ELECTRICAL
EQUIP.	EQUIPMENT
EXIST	EXISTING
EF	EXHAUST FAN
FLR	FLOOR
FT	FEET OR FOOT
FTG	FOOTING
G.C.	GENERAL CONTRACTOR
H.C.	HVAC CONTRACTOR
HDR	HEADER
HW	HOLLOW METAL
LF	LINEAR FEET
MAX.	MAXIMUM
M.E.R.	MECHANICAL EQUIPMENT ROOM
MIN.	MINIMUM
MTD	MOUNTED
MTG	MOUNTING
N.I.C.	NOT IN CONTRACT
NOM.	NOMINAL
NTS	NOT TO SCALE
O.C.	ON CENTER
P.C.	PLUMBING CONTRACTOR
PSF	POUNDS PER SQUARE FT.
PSI	POUNDS PER SQUARE IN.
P.T.	PRESSURE TREATED
REQ.	REQUIRED
RM.	ROOM
RD	ROOF DRAIN
R.O.	ROUGH OPENING
R.R.	ROOF RAFTER
SCHED.	SCHEDULE
SECT.	SECTION
SF	SQUARE FEET
SPEC.	SPECIFICATION
SFF	SPRUCE PINE FIR
S.S.	SOLID STUDS
SYS.	SYSTEM
TYP.	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
V	VENT
VIF	VERIFY IN FIELD

ARCHITECTURAL LINE TYPES

EXISTING TO BE REMOVED	-----
EXISTING TO REMAIN	_____
NEW WALL	_____
CONCRETE	_____
EXISTING ELECTRICAL	_____

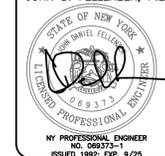
GENERAL SYMBOLS

	INDICATES SECTION LETTER
	INDICATES DRAWING NUMBER WHERE LOCATED
	EXISTING MASONRY CHIMNEY
	ROOF HATCH
	TEMPORARY OVERHEAD PROTECTION
	ROOF DRAIN
	DECK SLOPE INDICATOR
	EXHAUST FAN
	VENT
	FLOOD LIGHT
	EXTERIOR LIGHT
	CAMERA
	PVC PIPE PENETRATION

WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER, OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.

JOHN D. FELLENER, P.E.



CONTRACT: **CONSTRUCTION**

TITLE: REPLACE ROOF
 DOT REGION 8, ORANGE COUNTY

LOCATION: NYS NEWBURGH DOT FACILITY
 112 DICKSON STREET
 NEWBURGH, NY 12550

CLIENT: NEW YORK STATE
 DEPARTMENT OF TRANSPORTATION

GENERAL SYMBOLS

10/3/2024	BID DOCUMENTS
MARK	DATE
	DESCRIPTION
PROJECT NUMBER:	Q1858-C
DESIGNED BY:	SBL
DRAWN BY:	SL
FIELD CHECK:	SRB
APPROVED:	JDF
SHEET TITLE:	

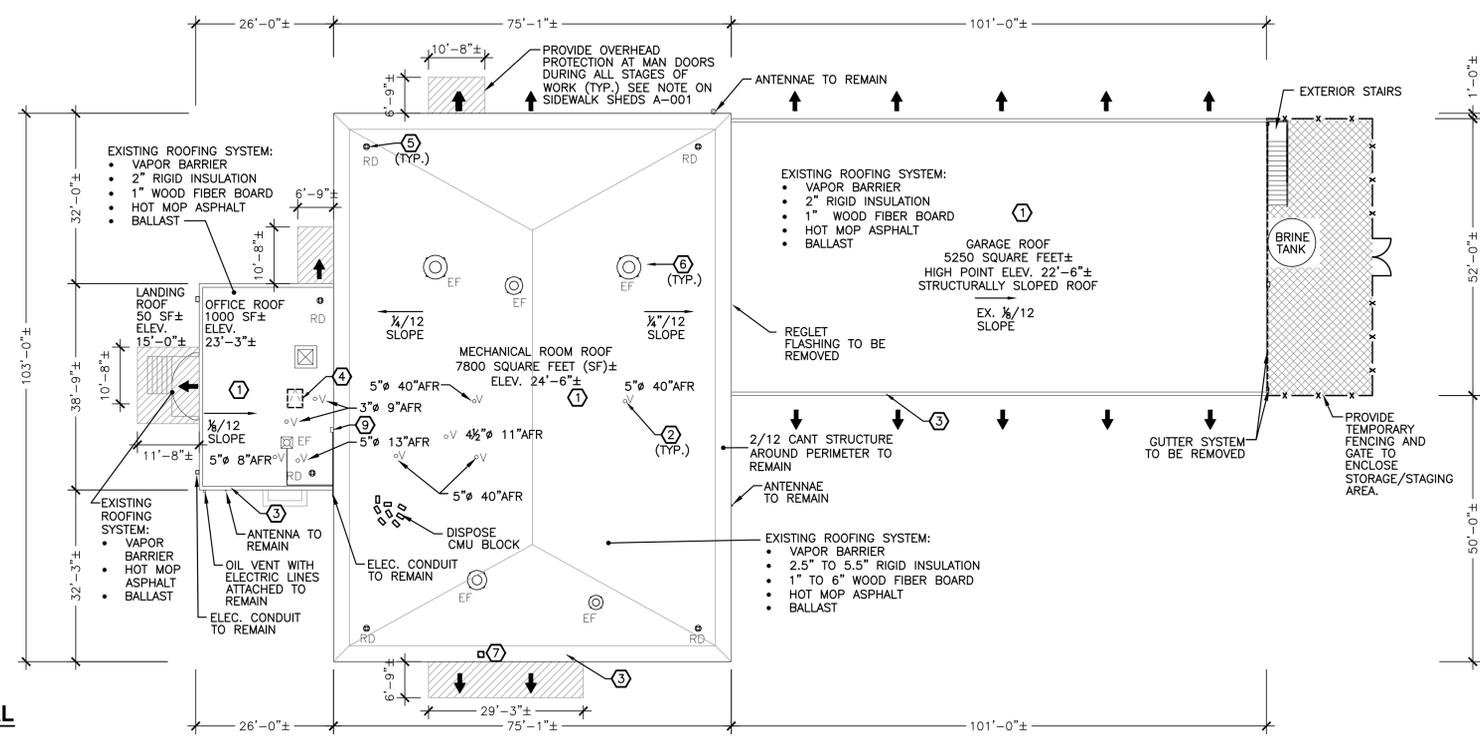
SYMBOLS, NOTES & ABBREVIATIONS

DRAWING NUMBER:

A-001

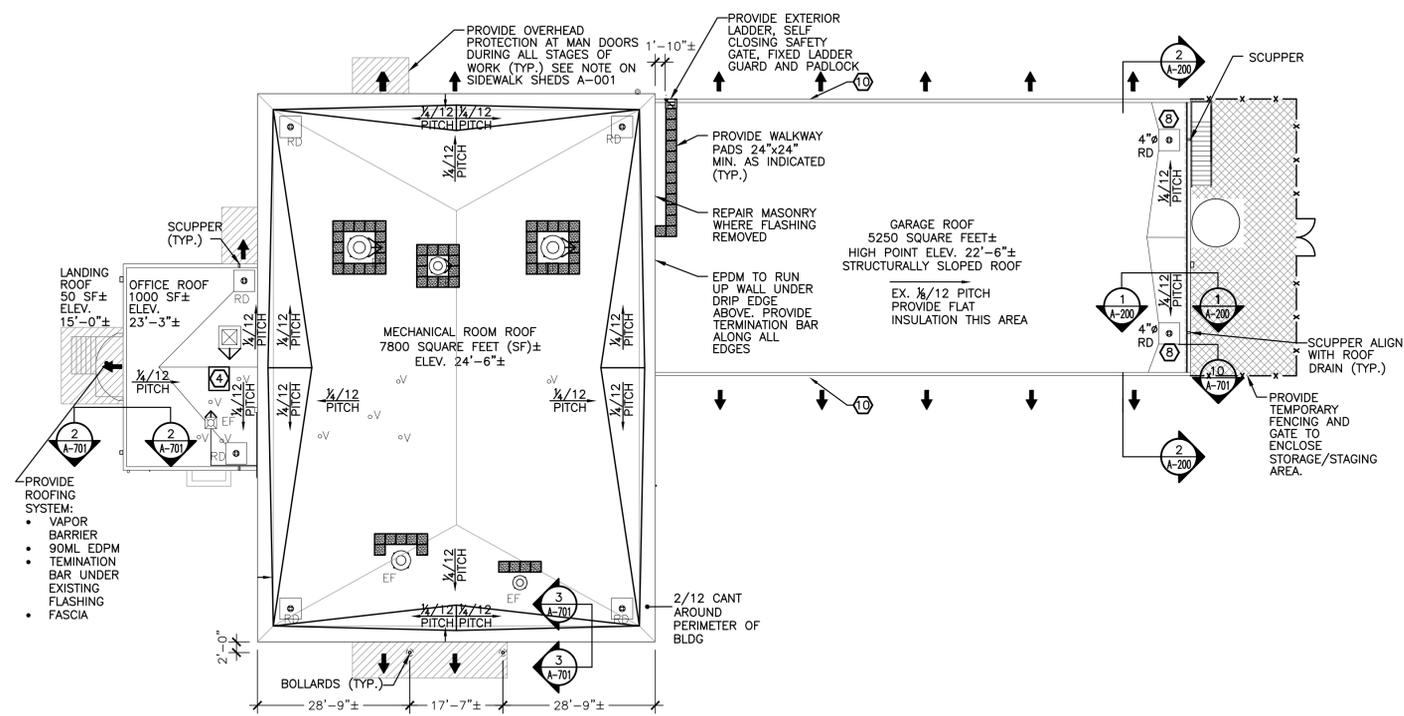


- LEGEND:**
-  OVERHEAD PROTECTION
 -  STAGING AREA
 -  TEMPORARY FENCING
 -  DOOR OPENING TO REMAIN OPERATIONAL AT ALL TIMES.



1A ENLARGED OFFICE ROOF REMOVAL
SCALE: 1/8" = 1'-0"

1 REMOVAL ROOF PLAN
SCALE: 1/16" = 1'-0"



2A ENLARGED OFFICE ROOF PLAN
SCALE: 1/8" = 1'-0"

2 ROOF PLAN
SCALE: 1/16" = 1'-0"

REMOVAL KEY NOTES

- REMOVE EXISTING BALLASTED ROOFING SYSTEM AND FLASHING TO CONCRETE DECK.
- EXISTING VENT STACKS TO REMAIN. REMOVE AND DISPOSE OF EXISTING ATTACHED ROOFING MATERIALS. EXTEND STACK TO MIN. 18" ABOVE FINISHED ROOF. CLEAN STACK SURFACE OF OIL & DEBRIS. PRIME AND REPAINT (COLOR AS SELECTED BY DIRECTOR'S REPRESENTATIVE). DETAIL 6/A-701.
- REMOVE AND DISPOSE OF METAL FASCIA AND COPING AROUND PERIMETER.
- REMOVE EXISTING 34"x41" ROOF HATCH AND CURBING IN ITS ENTIRETY. INSTALL STEEL FLUTED DECKING ANCHORED TO CONCRETE AND INSULATION.
- RETROFIT ALL EXISTING ROOF DRAINS, (SEE 9/A-701).
- EXISTING EXHAUST FANS AND CURBS TO REMAIN. REMOVE AND DISPOSE EXISTING ATTACHED ROOFING MATERIALS. PROVIDE ROOFING MATERIALS, TERMINATION BAR & SHEET METAL COVERING, REFER TO A-701.
- REMOVE EXISTING ABANDONED EXHAUST FAN. INFILL VOID WITH ZONOLITE, OR APPROVED EQUIV., INSULATING LIGHTWEIGHT CONCRETE OR FLAME RETARDANT CLOSED CELL SPRAY FOAM INSULATION. PROVIDE TEMPORARY SUPPORT UNTIL MATERIAL HAS SET.
- PROVIDE ROOF DRAIN, PIPING AND OUTLET. (SEE 8/A-701)
- REMOVE ELEC. BOX & CONDUIT, TEMP. SUPPORT FOR ROOFING WORK. RE-INSTALL AFTER ROOFING WORK.
- INSTALL ADDITIONAL BLOCKING TO RAISE HEIGHT OF PARAPET, SEE DETAIL 10/AS-701 FOR MORE INFORMATION.

ROOF REPLACEMENT

- REMOVAL:**
- ENSURE ABATEMENT IN AREA OF WORK, IF ANY, HAS BEEN COMPLETED. VERIFY WITH DIRECTOR'S REPRESENTATIVE FOR SURVEY REPORT BEFORE ANY REMOVAL PROCESS.
 - REMOVE ALL PERIMETER FASCIA, COPING & GUTTER SYSTEM AND DISPOSE.
 - PROVIDE SUPPORT FOR ALL EXISTING HVAC EQUIPMENT TO REMAIN.
 - REMOVE THE FOLLOWING, DOWN TO CONCRETE DECK, AND DISPOSE
 - EXISTING ROOF COVERING (INCLUDING BALLAST)
 - POLYISO INSULATION AND WOOD FIBER BOARD, VARYING THICKNESS'S 3"-12"±
 - OBSERVE CONCRETE DECK FOR ANY SIGNS OF DETERIORATION, AND NOTIFY DIRECTOR'S REPRESENTATIVE IF DETERIORATION FOUND FOR FURTHER INVESTIGATION.
 - REMOVE EXISTING ROOF HATCH ON OFFICE ROOF.
 - REMOVE EXISTING ROOF DRAIN DOMES (TYPICAL 6).
 - REMOVE ABANDONED EQUIPMENT AS NOTED.

RECONSTRUCTION:

- EXTEND PARAPETS HEIGHTS AS NOTED ON DRAWINGS, SEE DETAILS 10/A-701. TOP OF PARAPET MIN. 8" ABOVE FINISHED ROOF.
- PREPARE CONCRETE DECK FOR INSULATION, INFILL AREAS WHERE PRIOR PENETRATION WERE PRESENT. AT HATCH AREA PROVIDE AND INSTALL FRAMING, FLUTED DECK AND LIGHT-WEIGHT CONCRETE.
- PROVIDE VAPOR BARRIER.
- PROVIDE FULLY ADHERED (2) LAYERS OF POLYISO RIGID INSULATION AND TAPERED INSULATION TO ACHIEVE MIN. 1/4" SLOPE AT ALL ROOF & CRICKET AREAS. INSULATION TO PROVIDE AN OVERALL AVERAGE OF R-30. COORDINATE WITH EXISTING THROUGH WALL FLASHING AND MECHANICAL EQUIPMENT. CONTACT DIRECTOR'S REPRESENTATIVE AND ROOF MANUFACTURER REP IF CONFLICT EXISTS WITH INSULATION AND EXISTING CONDITIONS, PRIOR TO PROCEEDING, FOR DETERMINATION.
- PROVIDE AND INSTALL FULLY ADHERED 1/2" SECURESHIELD HD PLUS COVERBOARD.
- PROVIDE 90 MIL REINFORCED EPDM SYSTEM, FULLY ADHERED WITH 30 YEAR WARRANTY.
- PROVIDE AND INSTALL METAL SECUREDGE 4000 COPING CAP OR FASCIA, AS NOTED, COLOR PER DIRECTOR'S REPRESENTATIVE FROM MANUFACTURER'S STANDARD COLOR SELECTION.
- BLDG. THROUGH WALL FLASHING AND WEEP HOLES, IF PRESENT MUST REMAIN FUNCTIONAL.
- REPLACE ALL ROOF DRAINS DETERMINED TO BE NOT IN WORKING ORDER, FROM PRE-CONSTRUCTION TESTING.
- RETROFIT EXISTING ROOF DRAINS, SEE DETAIL 9/A701, AND PROVIDE METAL DOMES.
- PROVIDE TWO (2) NEW ROOF DRAINS, STORM PIPING AND OUTLETS WHERE NOTED.
- PROVIDE SECONDARY (EMERGENCY OVERFLOW) ROOF DRAINAGE WHERE NOTED.
- EXTEND ALL VENT PIPES MIN. 18" ABOVE FINISH ROOF.
- EXTEND CURBING, FLASHING, DUCTWORK AND VENT PIPES TO A HEIGHT 18" ABOVE FINISHED ROOF.
- RE-INSTALL ALL EQUIPMENT IN ORIGINAL LOCATION.

FACADE REPAIRS:

- RE-POINT MORTAR AREAS, REPAIR AND REPLACE BRICKS AS NOTED ON FACADE AROUND BUILDINGS.
- RE-POINT MORTAR AREAS ON ROOF CHIMNEY ABOVE OFFICE AREA.
- PROVIDE CORNER GUARDS WHERE NOTED AT GARAGE DOOR OPENINGS.
- PAINT ALL CORNER GUARDS AND LINTELS AT ALL GARAGE DOOR OPENINGS.
- PROVIDE BOLLARDS AS NOTED ON DRAWINGS.
- PROVIDE OSHA COMPLIANT LADDER.
- SEAL OPEN PENETRATIONS.

GENERAL NOTES:

- PROVIDE TEMPORARY WEATHER PROTECTION AT ALL TIMES.
- VERIFY EACH ROOF/STORM DRAIN IS PROPERLY WORKING PRIOR TO START OF ANY WORK. REPORT BACK TO DIRECTOR'S REPRESENTATIVE ANY BLOCKED ROOF/STORM DRAINS. TEST DRAINS UPON COMPLETION OF ROOF REPLACEMENT.
- PREVENT DEBRIS FROM ENTERING OR BLOCKING ROOF DRAINS. USE ROOF-DRAIN PLUGS SPECIFICALLY DESIGNED FOR THIS PURPOSE. REMOVE ROOF-DRAIN PLUGS AT END OF EACH WORKDAY, WHEN NO WORK IS TAKING PLACE, OR WHEN RAIN IS FORECAST. IF ROOF DRAINS ARE TEMPORARILY BLOCKED OR UNSERVICABLE DUE TO ROOFING SYSTEM REMOVAL OR PARTIAL INSTALLATION OF NEW MEMBRANE ROOFING SYSTEM, PROVIDE ALTERNATIVE DRAINAGE METHOD TO REMOVE WATER AND ELIMINATE PONDING.
- PROTECTION MUST BE PROVIDED IN AREAS OF UNDERGOING ROOF REPLACEMENT WHERE LIGHTING AND CAMERAS CURRENTLY EXISTS.
- EXISTING LIGHTNING AND CAMERAS TO BE TESTED AFTER ROOF REPLACEMENT IS COMPLETE.
- SECONDARY (EMERGENCY OVERFLOW) ROOF DRAINAGE LOCATION TO BE COORDINATED WITH EXISTING INSULATION TAPER AND ROOF DRAIN LOCATIONS. SECONDARY ROOF DRAINAGE TO BE CLEARLY VISIBLE FROM GROUND AREAS.

CONSULTANT

FELLENER III
FE # 23-377 ENGINEERING LLP

WARNING:
THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER, OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.

JOHN D. FELLENER, P.E.



CONSTRUCTION

TITLE: REPLACE ROOF
DOT REGION 8, ORANGE COUNTY

LOCATION: NYS NEWBURGH DOT FACILITY
112 DICKSON STREET
NEWBURGH, NY 12550

CLIENT: NEW YORK STATE
DEPARTMENT OF TRANSPORTATION

MARK	DATE	DESCRIPTION
	10/3/2024	BID DOCUMENTS
PROJECT NUMBER:	Q1858-C	
DESIGNED BY:	SBL	
DRAWN BY:	SL	
FIELD CHECK:	SRB	
APPROVED:	JDF	

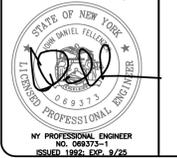
SHEET TITLE:
REMOVAL ROOF PLAN & ROOF PLAN

DRAWING NUMBER:
A-101

SHEET 4 OF 9

WARNING:
THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER, OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.

JOHN D. FELLENER, P.E.



CONTRACT: **CONSTRUCTION**

TITLE: REPLACE ROOF
DOT REGION 8, ORANGE COUNTY

LOCATION: NYS NEWBURGH DOT FACILITY
112 DICKSON STREET
NEWBURGH, NY 12550

CLIENT: NEW YORK STATE
DEPARTMENT OF TRANSPORTATION

MARK: 10/3/2024 BID DOCUMENTS
DATE: DESCRIPTION

PROJECT NUMBER: Q1858-C

DESIGNED BY: SBL

DRAWN BY: SL

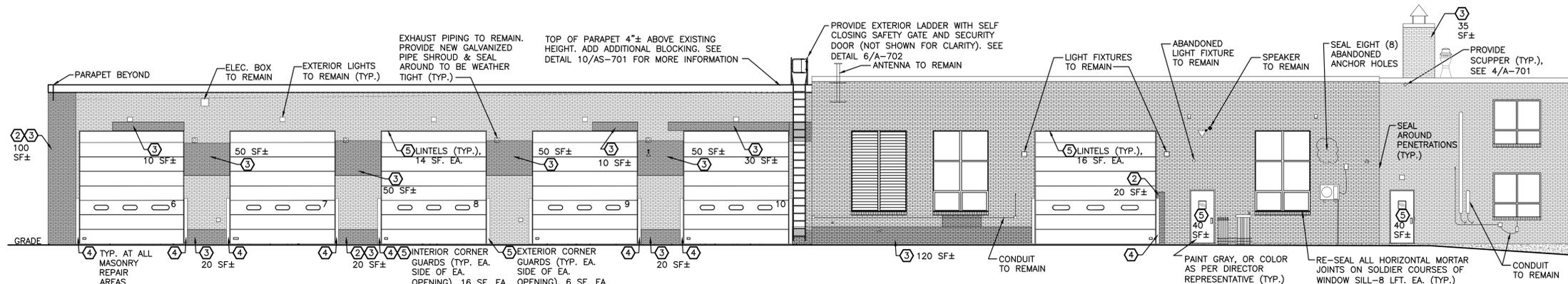
FIELD CHECK: SRB

APPROVED: JDF

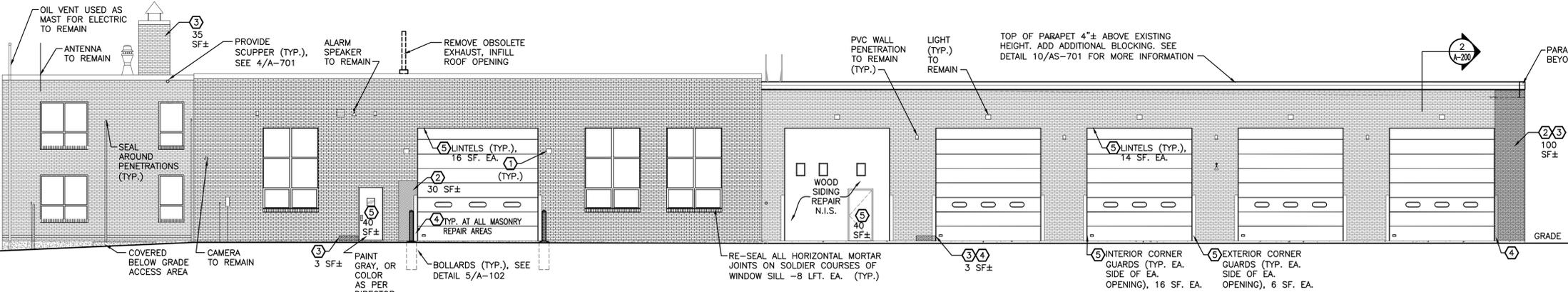
SHEET TITLE: ELEVATIONS

DRAWING NUMBER: A-102

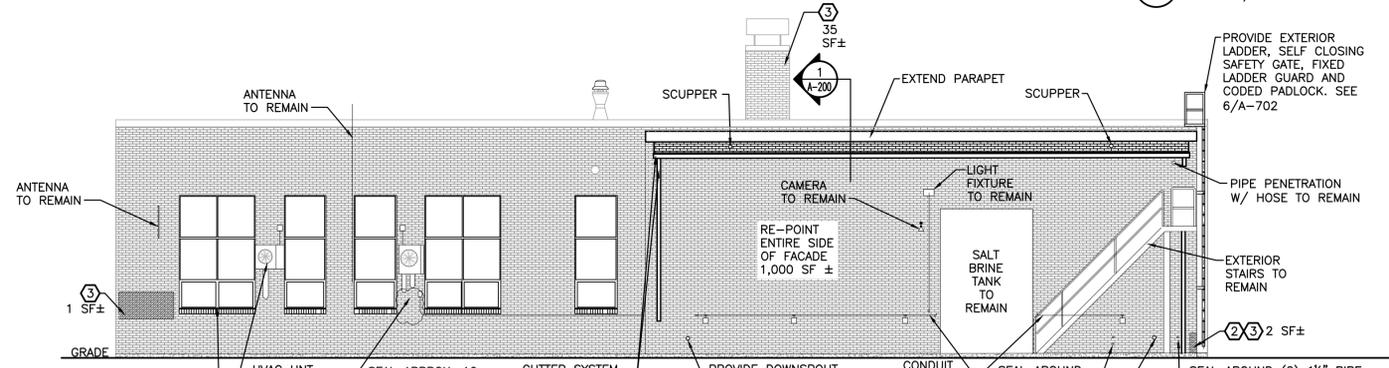
SHEET 5 OF 9



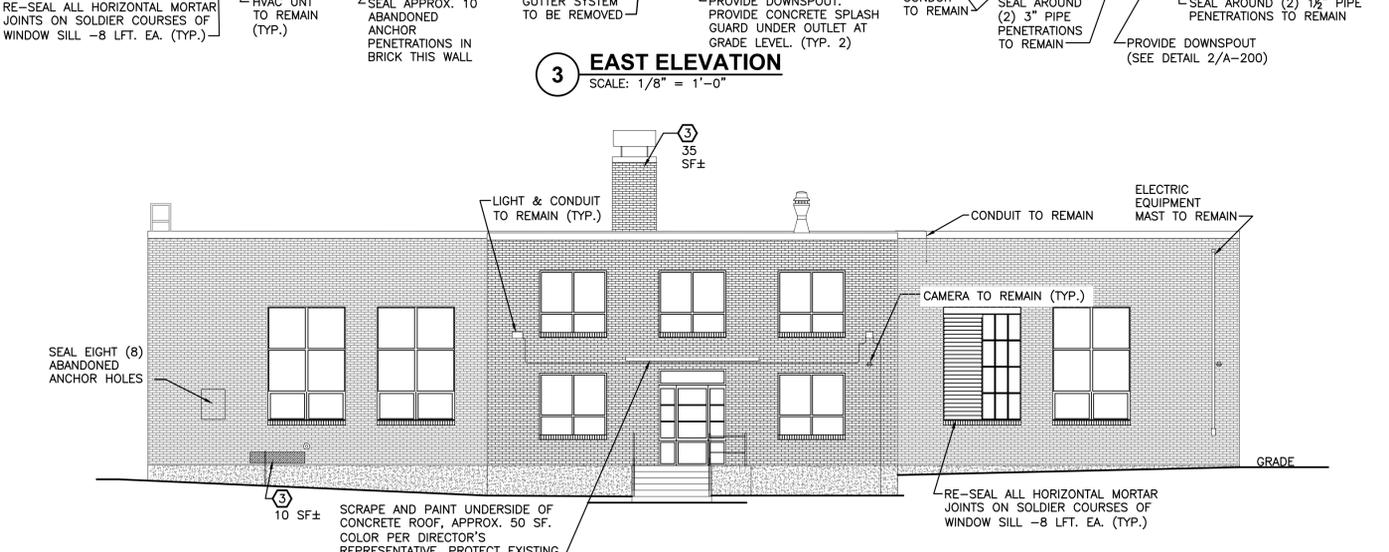
1 NORTH ELEVATION
SCALE: 1/8" = 1'-0"



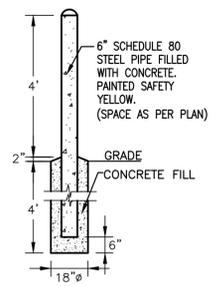
2 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



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



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



5 BOLLARD DETAIL
SCALE N.T.S.

- FACADE REPAIR KEY NOTES**
- PROTECTION MUST BE PROVIDED IN AREAS OF UNDERGOING WORK WHERE LIGHTING AND CAMERAS CURRENTLY EXISTS.
 - REPLACE AND REPAIR ALL DETERIORATED AND DAMAGED MASONRY ON BUILDING FACADE, AREAS AS IDENTIFIED ON ELEVATIONS. REFER TO DETAILS ON A-702.
 - RE-POINT MORTAR ON DETERIORATED AREAS OF BUILDING FACADE AND CHIMNEY. REFER TO DETAILS ON A-702.
 - REMOVE 6' HIGH EXTERIOR STEEL CORNER GUARDS AT OVERHEAD DOORS. PROVIDE METAL "L" BRACKETS, IN MASONRY 16" O.C., AND CORNER GUARDS WELDED TO BRACKETS, PRIME CORNER GUARD WITH RUST PROOF PAINT & PAINT SAFETY YELLOW FINISH COAT.
 - SCRAPE TO REMOVE RUST AND DEBRIS, PRIME WITH RUST PROOF PAINT AND PAINT SAFETY YELLOW. NO BRICK OR MORTAR REPAIRS ANTICIPATED THESE LOCATIONS.

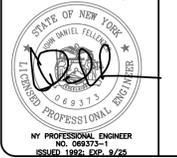
- NOTES:**
- ITEMS NOTED ON FACADE ARE EXISTING TO REMAIN, UNLESS NOTED OTHERWISE. PROTECT FROM DAMAGE DURING RE-ROOFING AND FACADE WORK.
 - EXISTING CONDITIONS DEPICTED ARE BASED ON LIMITED INFORMATION. CONTRACTOR SHALL NOTIFY DIRECTOR'S REPRESENTATIVE AFTER REMOVAL OPERATIONS ARE COMPLETE SO THAT CONDITIONS CAN BE VERIFIED.
 - PROTECT SURROUNDING AREAS FROM PAINTING OPERATIONS. IMMEDIATELY REMOVE ANY EXCESS PAINT ON MASONRY.

CONSULTANT

FELLENER III
FE #: 23-377 ENGINEERING LLP

WARNING:
THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER, OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.

JOHN D. FELLENER, P.E.



CONTRACT: **CONSTRUCTION**

TITLE: REPLACE ROOF
DOT REGION 8, ORANGE COUNTY

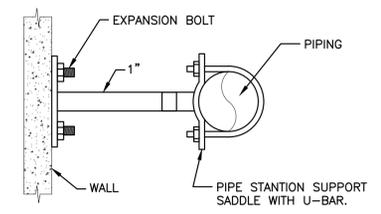
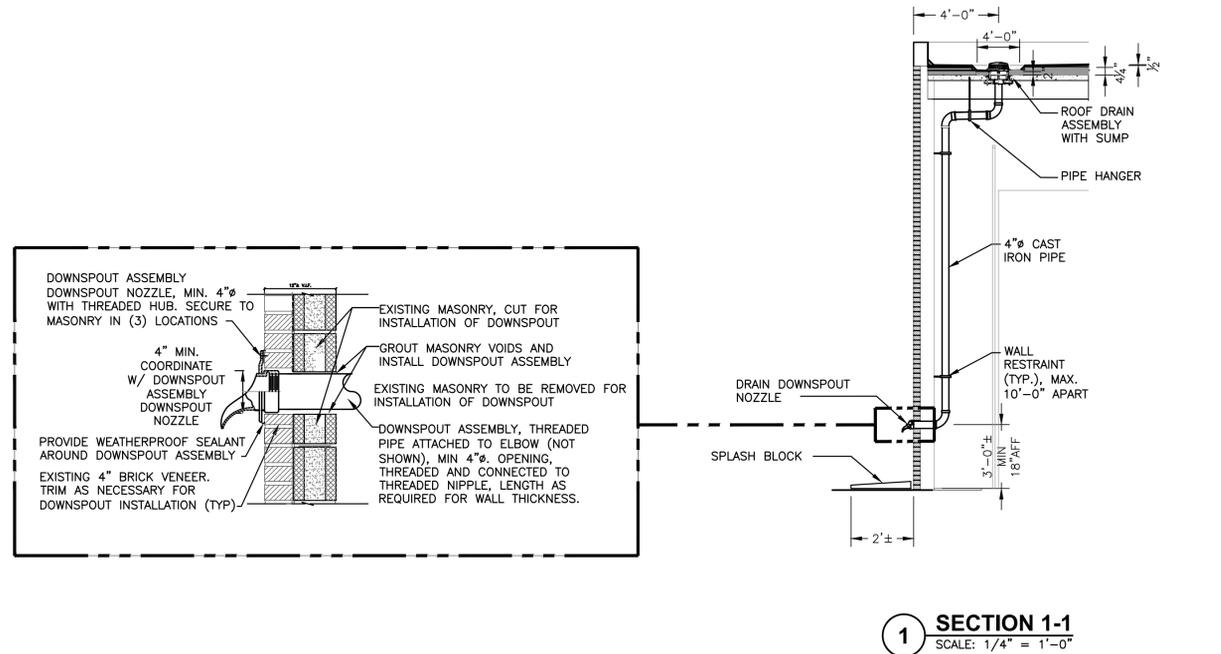
LOCATION: NYS NEWBURGH DOT FACILITY
112 DICKSON STREET
NEWBURGH, NY 12550

CLIENT: NEW YORK STATE
DEPARTMENT OF TRANSPORTATION

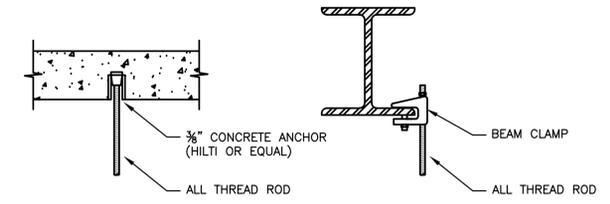
MARK	10/3/2024	BID DOCUMENTS
DATE		DESCRIPTION

PROJECT NUMBER:	Q1858-C
DESIGNED BY:	SBL
DRAWN BY:	SL
FIELD CHECK:	SRB
APPROVED:	JDF

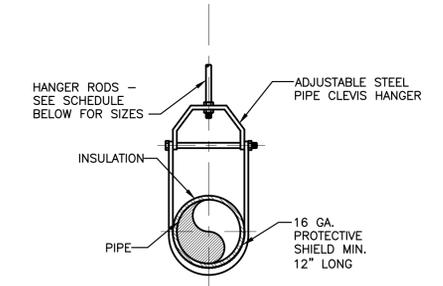
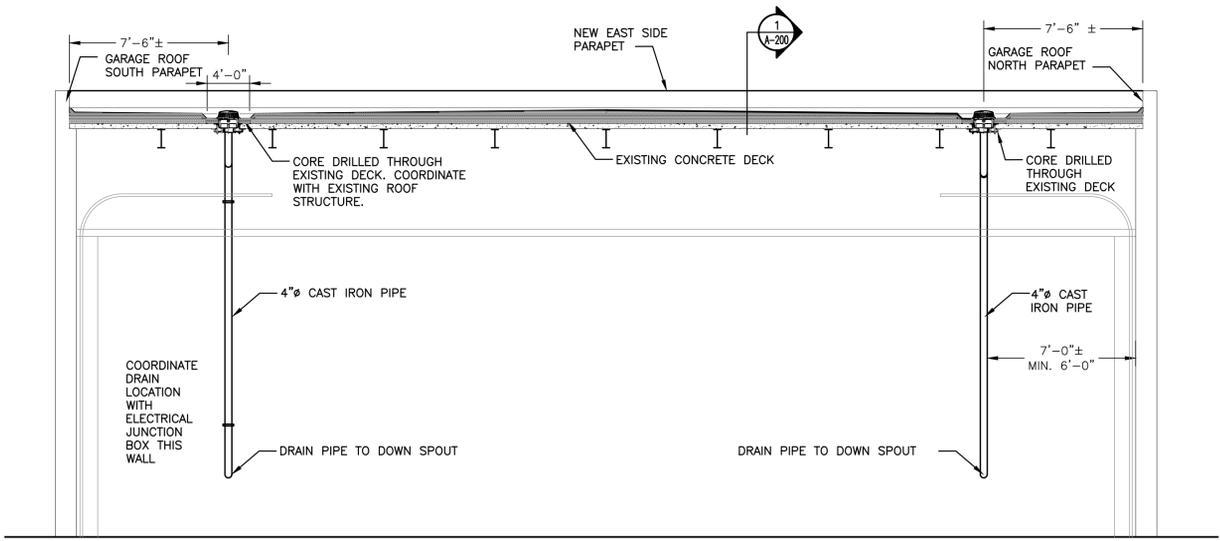
SHEET TITLE:	SECTIONS		
DRAWING NUMBER:	A-200		
SHEET	6	OF	9



3 WALL RESTRAINT
N.T.S.

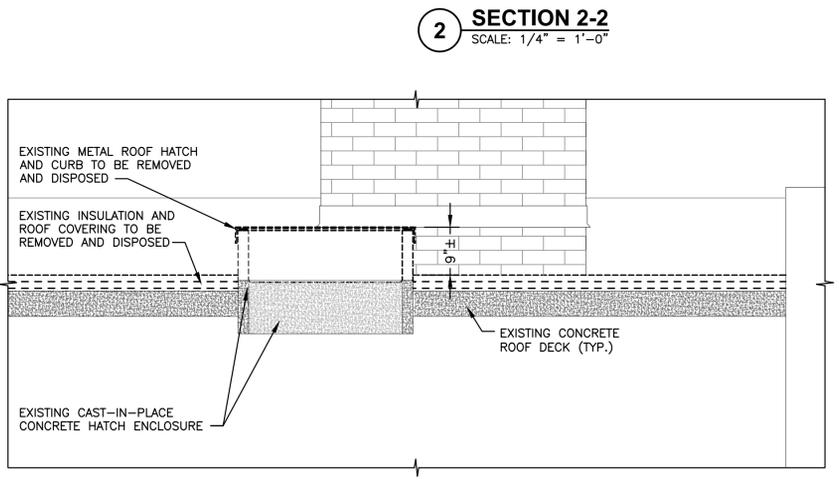


CONCRETE DECK HANGER DETAIL **BEAM CLAMP HANGER DETAIL**

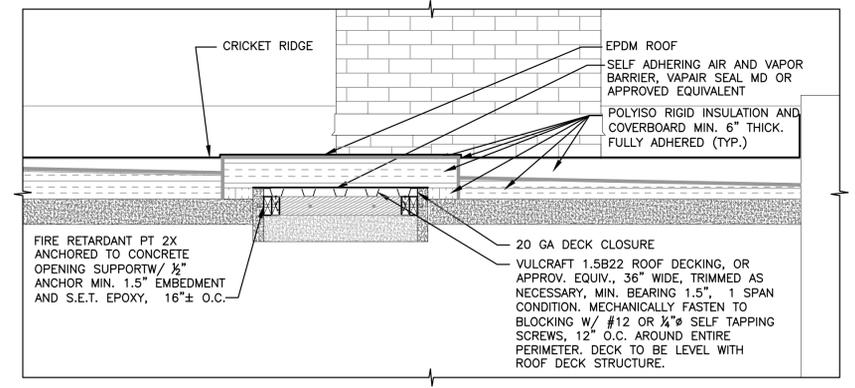


4 TYPICAL PIPE HANGER DETAILS
N.T.S.

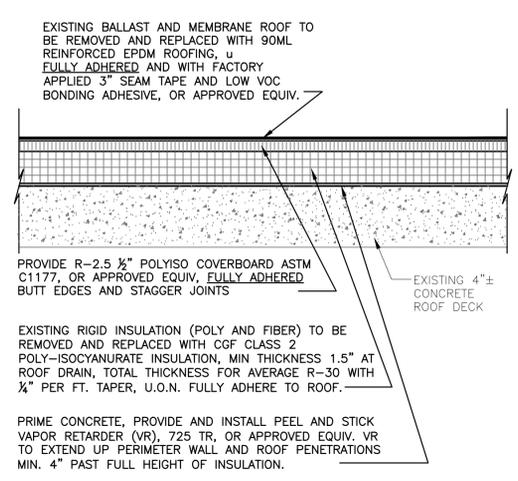
PIPE SIZE	ROD SIZE	VIBRATION ISOLATOR SIZE
4" DIA.	5/8"	HS-A-200



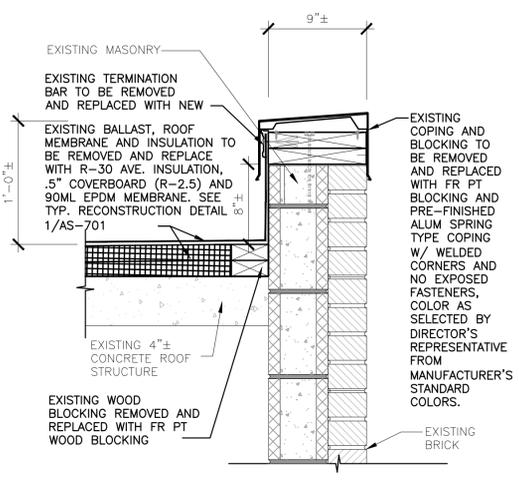
5 ROOF HATCH SECTION - DEMO
SCALE: 1/2" = 1'-0"



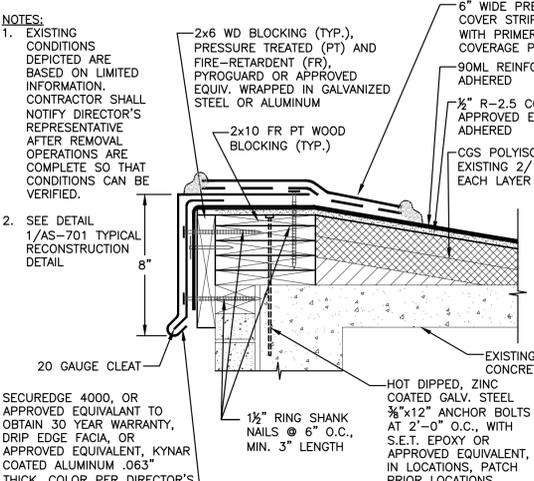
6 ROOF HATCH SECTION - CONSTRUCTION
SCALE: 1/2" = 1'-0"



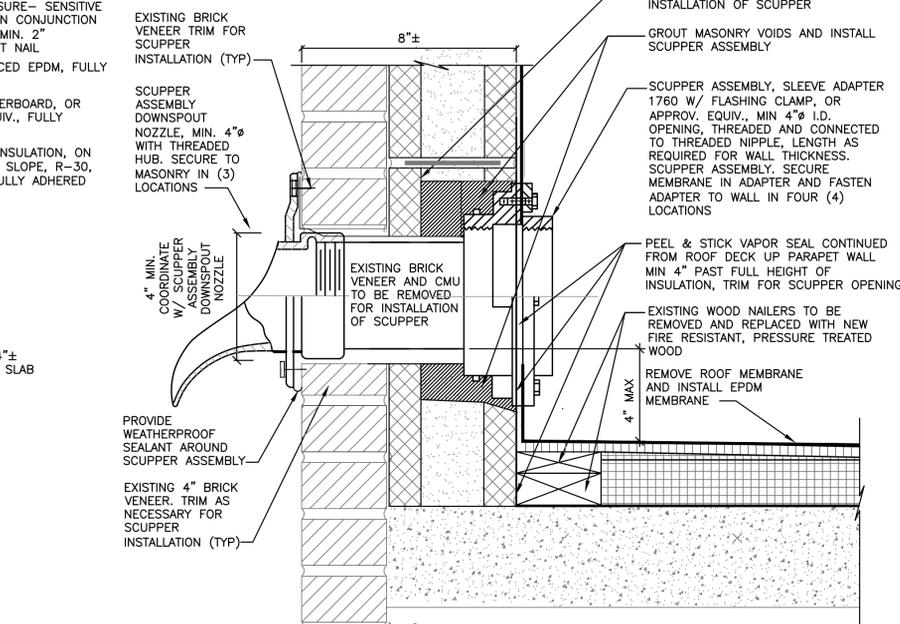
1 CONCRETE ROOF TYP. RECONSTRUCTION DETAIL
N.T.S.



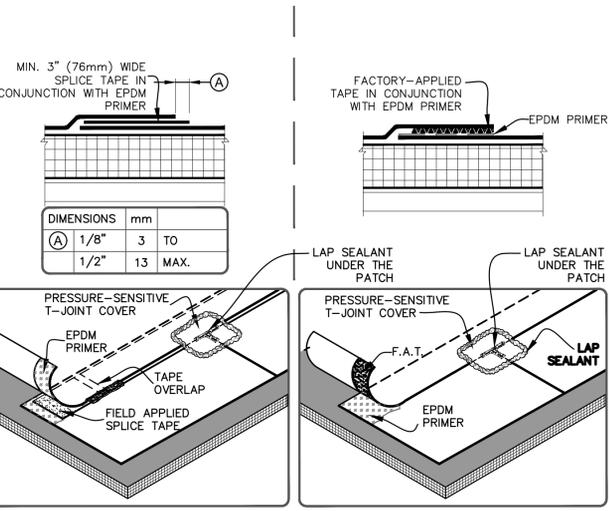
2 OFFICE AREAS PARAPET DETAIL
1 1/2\"/>



3 MECHANICAL ROOM DRIP EDGE DETAIL
N.T.S.

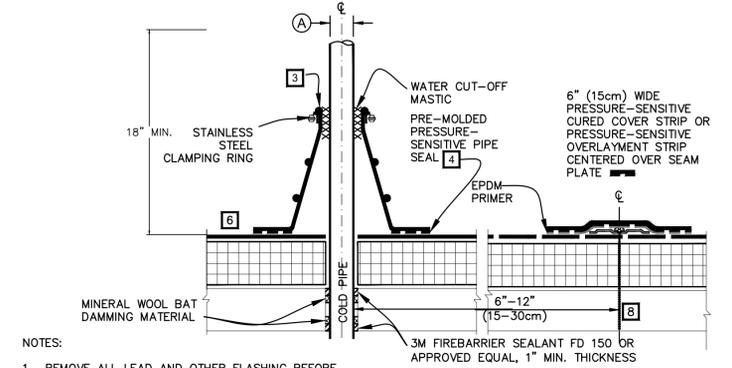


4 SCUPPER INSTALLATION DETAIL
SCALE: N.T.S.



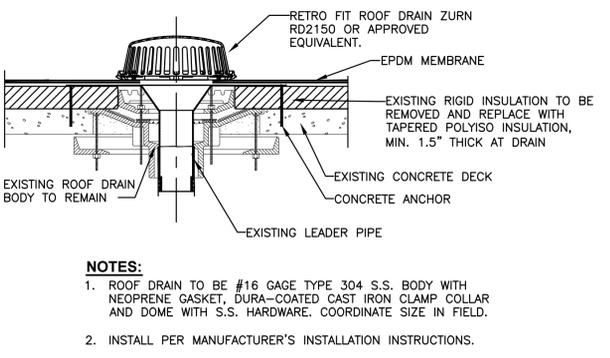
- NOTES:**
- FIELD APPLIED SPLICE TAPE IS TO BE OVERLAPPED A MINIMUM OF 1" (25mm) AT THE ENDS OF EACH CUT PIECE. APPLY LAP SEALANT AT TAPE OVERLAPS 2" (51mm) IN ALL DIRECTIONS AS SHOWN.
 - APPLY LAP SEALANT ALONG THE LEADING EDGE OF THE MEMBRANE SPLICE UNDER THE 6"x6" (152mm X 152mm) T-JOINT COVER, COVERING THE EXPOSED SPLICE TAPE 2" (51mm) IN ALL DIRECTIONS FROM THE SPLICE INTERSECTION.
 - 6" (152mm) WIDE PRESSURE-SENSITIVE ELASTOFORM FLASHING, IN CONJUNCTION WITH EPDM PRIMER, MAY ALSO BE CENTERED OVER THE INTERSECTING POINT OF THE LEADING EDGES OF THE FIELD SPLICE INTERSECTION.
 - LAP SEALANT IS REQUIRED ON CUT EDGES OF REINFORCED EPDM MEMBRANE.
 - TAPE SPLICES MUST BE A MINIMUM 3" WIDE FACTORY-APPLIED TAPE (FAT) OR A MINIMUM OF 6" FIELD APPLIED SPLICE TAPE.

5 EPDM MEMBRANE SPLICES
SCALE: N.T.S.



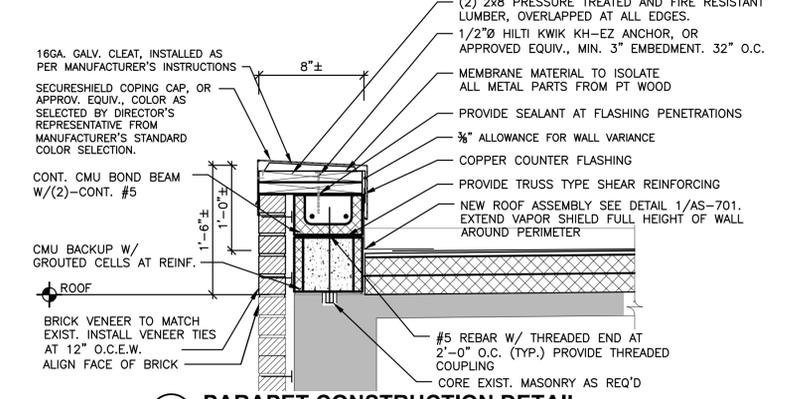
- NOTES:**
- REMOVE ALL LEAD AND OTHER FLASHING BEFORE INSTALLING PRESSURE-SENSITIVE PIPE SEAL.
 - TEMPERATURE OF PIPE PENETRATION MUST NOT EXCEED 180°F (82°C).
 - PRE-MOLDED PIPE FLASHING MUST HAVE INTACT RIB AT THE TOP EDGE REGARDLESS OF PIPE DIAMETER.
 - EPDM PRIMER MUST BE APPLIED TO MEMBRANE SURFACE PRIOR TO APPLYING PRESSURE-SENSITIVE PIPE SEAL.
 - DECK FLANGES OF THE PRESSURE-SENSITIVE PIPE SEAL SHALL NOT BE OVERLAPPED, CUT OR APPLIED OVER ANY ANGLE CHANGE.
 - WHEN A FIELD SPLICE INTERSECTS A PIPE SEAL, APPLY LAP SEALANT ALONG THE EDGE OF THE MEMBRANE SPLICE COVERING THE EXPOSED SPLICE TAPE 1/2" (13mm) IN EACH DIRECTION FROM THE SPLICE INTERSECTION & OVERLAY WITH A 6"x6" (152mm X 152mm) T-JOINT COVER.
 - DECK FLANGES OF THE PRESSURE-SENSITIVE PIPE SEAL SHALL NOT BE OVERLAPPED, CUT OR APPLIED OVER ANY ANGLE CHANGE.
 - INSTALL A MINIMUM OF 4 SEAM PLATES FOR PIPES WITH A DIAMETER UP TO 6" (15cm). ADDITIONAL SEAM PLATES WILL BE REQUIRED FOR PIPES GREATER THAN 6" (15cm) IN DIAMETER AND SHALL BE SPACED 12" (30cm) ON CENTER MAXIMUM.

6 PRE-MOLDED PRESSURE SENSITIVE PIPE SEAL
SCALE: N.T.S.

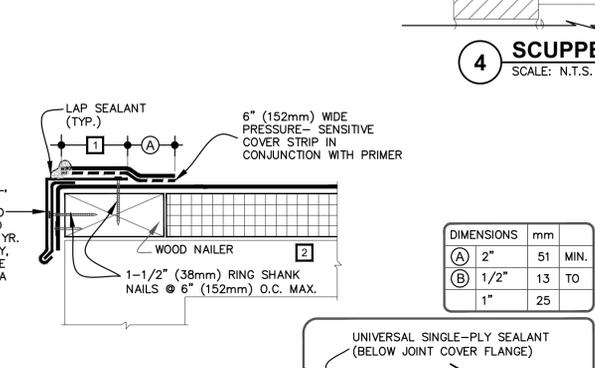


- NOTES:**
- ROOF DRAIN TO BE #16 GAGE TYPE 304 S.S. BODY WITH NEOPRENE GASKET, DURA-COATED CAST IRON CLAMP COLLAR AND DOME WITH S.S. HARDWARE. COORDINATE SIZE IN FIELD.
 - INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

9 RETRO FIT ROOF DRAIN DETAIL
N.T.S.

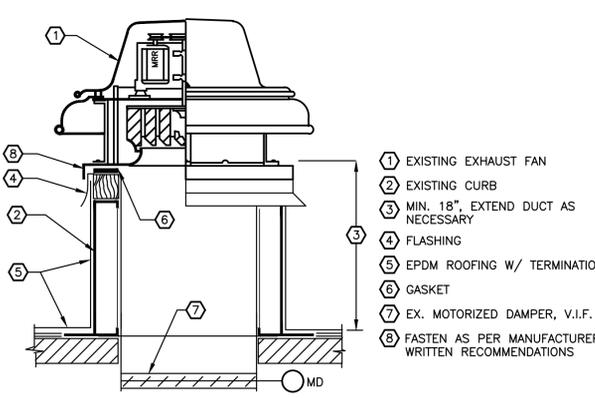


10 PARAPET CONSTRUCTION DETAIL
N.T.S.

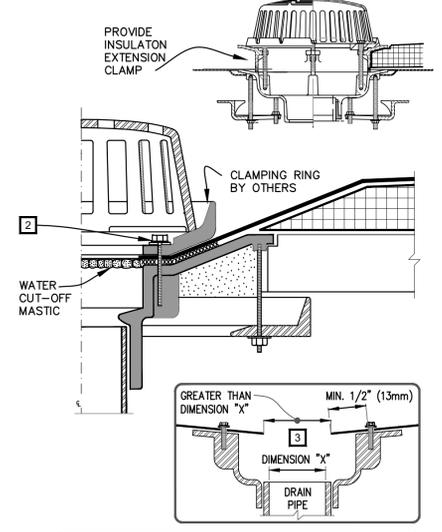


- NOTES:**
- DECK FLANGE MUST BE TOTALLY COVERED BY PRESSURE-SENSITIVE CURED COVER STRIP WITH MINIMUM 2" (51mm) COVERAGE PAST NAIL HEADS.
 - WOOD NAILER MUST EXTEND PAST TOTAL WIDTH OF METAL EDGE.
 - TO REMOVE FINISHING OILS, SCRUB METAL FLANGE WITH WEATHERED MEMBRANE CLEANER; ALLOW TO DRY PRIOR TO APPLYING PRIMER.
 - LAP SEALANT MUST BE APPLIED AT FLASHING OVERLAPS AND INTERSECTIONS WITH JOINTS IN METAL EDGING.
 - APPLY LAP SEALANT ALONG THE LEADING EDGE OF THE MEMBRANE SPLICE (UNDER THE 6"x6" T-JOINT COVER) COVERING THE EXPOSED SPLICE TAPE 2" (51mm) IN ALL DIRECTIONS FROM THE SPLICE INTERSECTION.
 - INSTALL PER MANUFACTURER'S METAL EDGING SPECIFICATIONS.

7 SECURSEAL DRIP EDGE FASCIA
SCALE: N.T.S.



11 EXHAUST FAN DETAIL
N.T.S.



- NOTES:**
- ROOF DRAIN SIZE AND NUMBER OF DRAINS SHALL BE IN ACCORDANCE WITH THE LOCAL CODES.
 - ALL BOLTS OR CLAMPS MUST BE IN PLACE TO PROVIDE CONSTANT COMPRESSION ON WATER CUT-OFF MASTIC.
 - THE HOLE IN THE MEMBRANE SHALL EXCEED THE DIAMETER OF THE DRAIN PIPE, BUT SHALL BE NO LESS THAN 1/2" (13mm) FROM THE ATTACHMENT POINTS OF THE DRAIN CLAMPING RING.
 - REMOVE LEAD, FLASHING MATERIAL & ENSURE THE DRAIN RING IS COMPLETELY CLEAN DOWN TO BARE METAL.
 - FIELD SPLICES MUST BE LOCATED AT LEAST 6" (152mm) OUTSIDE THE DRAIN SUMP.
 - INSULATION TAPER SHALL NOT BE GREATER THAN 6" (152mm) IN 12" (305mm) HORIZONTAL.

8 ROOF DRAIN DETAIL
SCALE: N.T.S.

NEW YORK STATE OF OPPORTUNITY | **Office of General Services**
DESIGN & CONSTRUCTION

CONSULTANT

FELLENER III
FE #: 23-377 ENGINEERING LLP

WARNING:
THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER, OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.

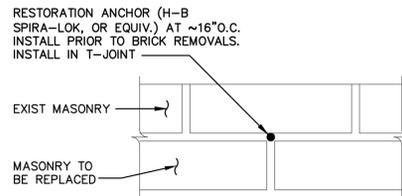
JOHN D. FELLENER, P.E.
NEW YORK STATE PROFESSIONAL ENGINEER
NO. 08073-1
ISSUED 1992, EXP. 9/26

CONTRACT: **CONSTRUCTION**
TITLE: REPLACE ROOF
DOT REGION 8, ORANGE COUNTY
LOCATION: NYS NEWBURGH DOT FACILITY
112 DICKSON STREET
NEWBURGH, NY 12550
CLIENT: NEW YORK STATE
DEPARTMENT OF TRANSPORTATION

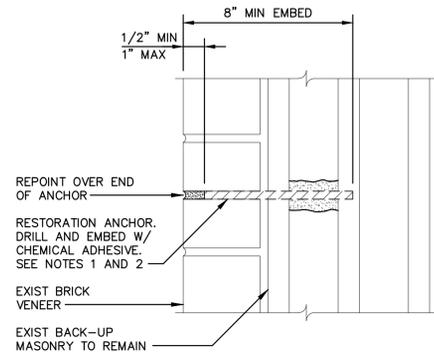
10/3/2024 BID DOCUMENTS
DATE DESCRIPTION
MARK

PROJECT NUMBER: **Q1858-C**
DESIGNED BY: SBL
DRAWN BY: SL
FIELD CHECK: SRB
APPROVED: JDF
SHEET TITLE: DETAILS

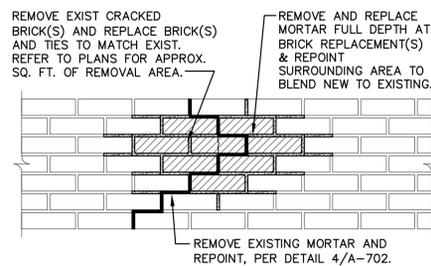
DRAWING NUMBER: **A-701**
SHEET 8 OF 9



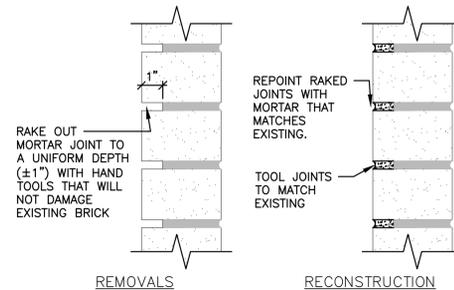
1 DETAIL AT MASONRY RESTORATION ANCHOR
N.T.S.



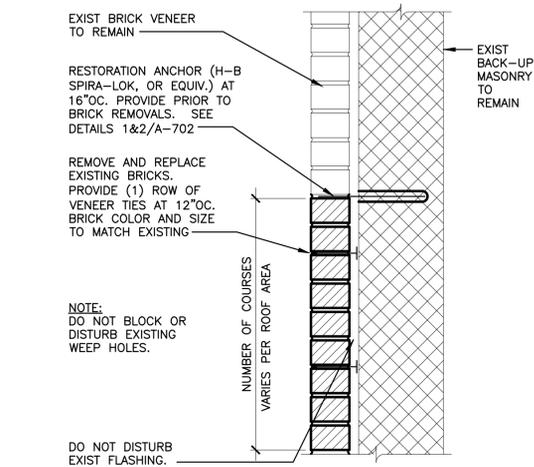
2 SECTION AT MASONRY RESTORATION ANCHOR
N.T.S.



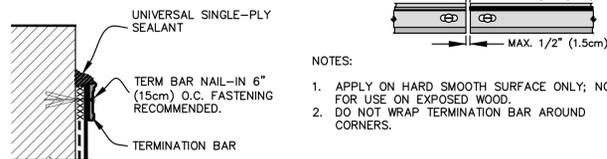
3 CRACKED OR SPALLED MASONRY REPAIR DETAIL
N.T.S.



4 BRICK JOINT REPOINTING DETAIL
N.T.S.



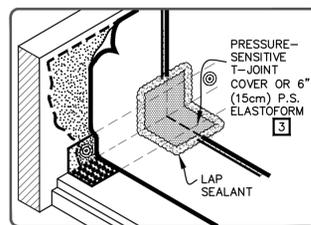
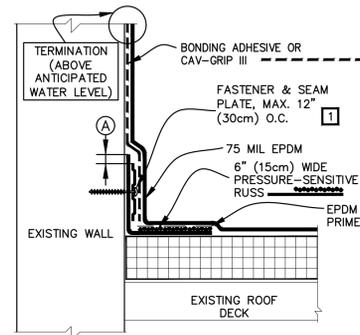
5 TYPICAL SECTION AT MASONRY REPAIR
N.T.S.



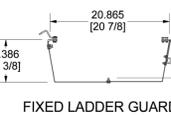
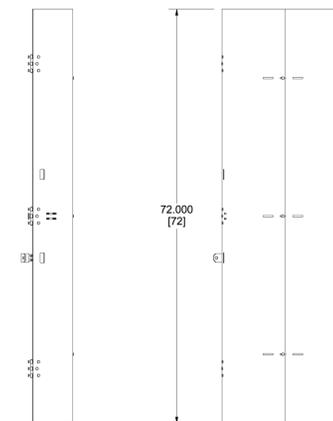
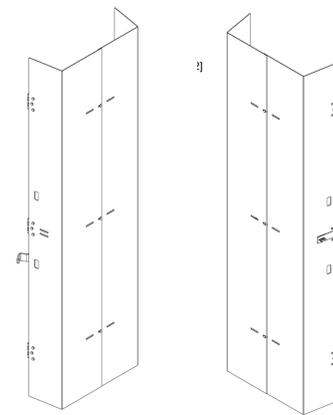
DIMENSION	cm
(A)	1/8" - 1" 0.5 - 2.5



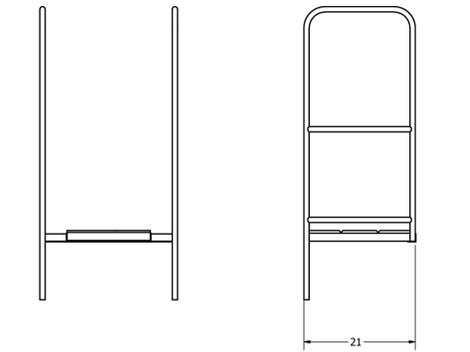
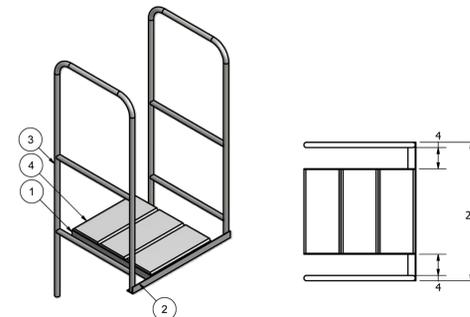
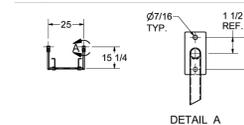
- NOTES:**
- FASTENERS AND PLATES ARE REQUIRED AT 6" (15cm) O.C. FOR ADHERED SYSTEMS WITH WARRANTY WIND SPEED COVERAGE GREATER THAN 90 MPH AND FOR ALL PROJECTS WITH WARRANTIES GREATER THAN 20 YEARS. HP FASTENERS AND POLYMER SEAM PLATES ARE REQUIRED OVER STEEL DECKS ON MECHANICALLY FASTENED SYSTEMS.
 - PROJECTS WITH 30-YEAR WARRANTIES REFER TO MANUFACTURER'S DETAILS FOR ADDITIONAL INFORMATION.
 - FOR CORNERS AND RUSS APPLICATION REFER TO MANUFACTURER'S DETAILS FOR ADDITIONAL INFORMATION.



6 TYP. WALL INTERSECTION DETAIL
SCALE: N.T.S.

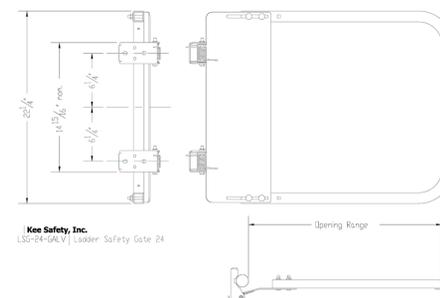


FIXED LADDER GUARD



ITEM	PART #	DWG	DESCRIPTION	ITEM QTY
1	SA1152	-	1 1/2 X 1 1/8 H.R. ANGLE 21" FL STEP ACROSS PLATFORM ANGLE	2
2	SA1154	-	1 1/2 X 1 1/8 H.R. ANGLE 28" FL STEP ACROSS PLATFORM ANGLE	1
3	D0570293	D0570293	STEP ACROSS HANDRAIL 21" (WELDMENT)	2
4	SG7100	B1110070	GRIPSTRIP 7 X 1 1/2 X 15 3/4 16GA	3

STEP ACROSS PLATFORM 21"



Kee Safety, Inc. L30-04-041 Ladder Safety Gate 24



6 EXTERIOR LADDER ASSEMBLY
N.T.S.

- NOTES:**
- OSHA COMPLIANT BLACK PAINTED STEEL LADDER, INSTALLED PER MANUFACTURER REQUIREMENTS.
 - BASIS OF DESIGN COTTERMAN, CO., OR APPROVED EQUIV.
 - BOTTOM RUNG OF LADDER MAX. 14" ABOVE GRADE.
 - STANDOFF BRACKETS LOCATIONS ARE 1"±.
 - DO NOT PRE-DRILL HOLES IN MASONRY. DRILL HOLES TO MATCH ALIGNMENT IN FIELD.
 - PROVIDE 1/2" SS ANCHORS AND SET EPOXY THROUGH FACE BRICK INTO BUILDING.
 - PROVIDE SECURITY DOOR (LADDER GUARD) AT BOTTOM OF LADDER, CODED LOCKING PADLOCK, PLATFORM AT TOP OF LADDER AND KEY SAFETY, OR APPROV. EQUIV., SELF-CLOSING SAFETY GATE.
 - DO NOT REST PLATFORM ON PARAPET.
 - PROVIDE FALL PROTECTION PER OSHA 1910.28. INCLUDING BUT NOT LIMITED TO CABLE SHUTTLE, CABLE AND CABLE GUIDES.

WARNING:
THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER, OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.

JOHN D. FELLENER, P.E.



CONTRACT: **CONSTRUCTION**

TITLE: REPLACE ROOF
DOT REGION 8, ORANGE COUNTY

LOCATION: NYS NEWBURGH DOT FACILITY
112 DICKSON STREET
NEWBURGH, NY 12550

CLIENT: NEW YORK STATE
DEPARTMENT OF TRANSPORTATION

MARK	DATE	DESCRIPTION
	10/3/2024	BID DOCUMENTS

PROJECT NUMBER:	Q1858-C
DESIGNED BY:	SBL
DRAWN BY:	SL
FIELD CHECK:	SRB
APPROVED:	JDF
SHEET TITLE:	

DETAILS

DRAWING NUMBER:
A-702