

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.
- $\overline{\langle 3 \rangle}$ 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.
- (8) 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

REMOVA

- 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"±
- 5. OBSERVE CONCRETE DECK FOR ANY SIGNS OF DETERIORATION, AND NOTIFY DIRECTOR'S REPRESENTATIVE IF DETERIORATION FOUND FOR FURTHER INVESTIGATION.
- 6. REMOVE EXISTING ROOF HATCH ON OFFICE ROOF.
- 7. REMOVE EXISTING ROOF DRAIN DOMES (TYPICAL 6). 8. 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. ¼" 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 ½" SECURESHIELD HD PLUS
- 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.
- 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:

- 1. 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.
- 3. 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 UNSERVICEABLE DUE TO ROOFING SYSTEM REMOVAL OR PARTIAL INSTALLATION OF NEW MEMBRANE ROOFING SYSTEM, PROVIDE ALTERNATIVE DRAINAGE METHOD TO REMOVE WATER AND ELIMINATE PONDING.
- 4. PROTECTION MUST BE PROVIDED IN AREAS OF UNDERGOING ROOF REPLACEMENT WHERE LIGHTING AND CAMERAS CURRENTLY EXISTS.
- 5. EXISTING LIGHTNING AND CAMERAS TO BE TESTED AFTER ROOF REPLACEMENT IS COMPLETE.
- 6. 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.



DESIGN & CONSTRUCTION

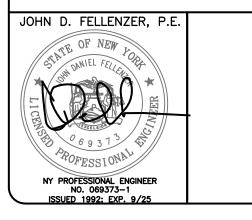
CONSULTANT

FELLENZER III
FE #: 23-377 ENGINEERING LLP

WARNING:

CLIENT:

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.



CONSTRUCTION

REPLACE ROOF
DOT REGION 8, ORANGE COUNTY

NYS NEWBURGH DOT FACILITY
112 DICKSON STREET

NEWBURGH, NY 12550

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION

1		
	10/3/2024	BID DOCUMENTS
MARK	DATE	DESCRIPTION
PROJECT NUMBER:	Q1858-C	
DESIGNED BY:		SBL
DRAWN BY:	SL	
FIELD CHECK:		SRB

REMOVAL ROOF PLAN & ROOF PLAN

JDF

DRAWING NUMBER:

APPROVED:

SHEET TITLE:

A-101

SHEET 4 OF 9

ROOF PLAN

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