



GENERAL DEMOLITION NOTES

REMOVE THE FOLLOWING @ ALL ROOF AREAS:

- ALL EXISTING ROOFING MEMBRANE.
- ALL ROOF INSULATION.
- ALL WOOD BLOCKING.
- ALL METAL FLASHING.
- REMOVE ALL EXISTING ROOF DRAINS &/OR SCUPPERS IN THE SCOPE OF WORK.
- REMOVE ALL EXISTING MECHANICAL UNIT CURBS.

CONSTRUCTION NOTES

- HORIZONTAL ROOF LEADER (MATCH DIAMETER OF EXISTING) ABOVE CEILING SLOPED @ 1/4\"/>
- WALKWAY PADS TO BE INSTALLED. - SEE PROJECT MANUAL FOR ADDITIONAL INFORMATION.
- CONTRACTOR TO PROVIDE A SPECIFIED QUANTITY OF METAL DECK REPAIR & REPLACEMENT. -SEE PROJECT MANUAL FOR ADDITIONAL INFORMATION.
- EXISTING H.M. FRAME TO REMAIN. CUT OFF PORTION OF EXISTING FRAME PER NEW DOOR SILL HEIGHT AND INSTALL NEW H.M. DOOR. -SEE DETAIL Q/A2
- NEW LEADERS AT SCUPPERS IN THIS LOCATION TO BE TIED INTO EXISTING DRAINAGE SYSTEM.
- INSTALL SCUPPER WARNING SIGN 48\"/>
- RE-CAULK ENTIRE PERIMETER OF BUILDING AT ALL EIFS AND BRICK WALL OR EIFS AND WINDOW FRAME INTERSECTION. ALSO RE-CAULK ALL VERTICAL EXPANSION JOINTS. SEE REFERENCE PICTURE #1.
- RE-CAULK ENTIRE LENGTH OF CAULK JOINT AT EIFS CORNERS.
- PATCH AND REPAIR EXISTING CRACK IN EIFS WALLS SYSTEM FINISH. SEE PIC #2 ON A3.
- NEW MECHANICAL SUPPORT TO MATCH EXISTING LENGTH 5'-1\"/>
- EXISTING MTL. LADDER TO BE SAND, PRIME, AND PAINTED

ENERGY CONSERVATION

IECC CODE REQUIREMENT R-VALUE TOTAL CONNECTICUT ZONE 5A CBSC REQUIREMENT: R24 = U .042 OR LESS

CODE INFORMATION

USE GROUP : E  
CONSTRUCTION CLASS: 2B  
BASIC WIND SPEED: 110 MPH  
SURFACE ROUGHNESS EXPOSURE: B  
IMPORTANCE FACTOR: 1.25

FACTORY MUTUAL ENGINEERING & RESEARCH CORPORATION (FM) ROOF ASSEMBLY CLASSIFICATION OF NON-COMBUSTIBLE CONSTRUCTION. WIND UPLIFT REQUIREMENT OF 1-60 FOR FIELD, 1-90 FOR PERIMETER AND 1-120 FOR CORNERS. IN ACCORDANCE WITH FM PROPERTY LOSS PREVENTION DATA SHEETS 1-28.

ROOF AREAS

ROOF 'A' 7,676 SF.  
ROOF 'B' 12,100 SF.  
ROOF 'C' 4,983 SF.  
ROOF 'D' 12,090 SF.  
ROOF 'E' 7696 SF.  
ROOF 'F' 733 SF.  
ROOF 'G' 730 SF.  
ROOF 'H' 1643 SF.  
ROOF 'J' 5,561 SF.

TOTAL: 53,212 SF.  
THIS AREA IS APPROXIMATE- V.I.F.

ROOFS "A", "B", "C", "D", "E", "F", "G", "H", & "J"

$\frac{G}{A} \quad \frac{H}{A} \quad \frac{E}{A} \quad \frac{J}{A}$	
OUTSIDE AIR	0.17
MOD. BIT.	0.33
COVER BOARD	2.20
AVG. 4" POLYISO INSUL.	26.4
METAL DECK	1.23
INSIDE AIR	0.61
R TOTAL:	30.94

SYMBOL LEGEND

- PLAN, SECTION, DETAIL OR ELEVATION NUMBER - SHEET NUMBER.
- EXISTING OUTLINE OF BUILDING.
- INDICATES SLOPE DIRECTION OF TAPERED INSUL. AT 1/4\"/>
- TAPERED INSULATION CRICKET SLOPED @ 1\"/>
- INDICATES HIGH POINT OF INSULATION.
- EXISTING ROOF DRAIN TO BE REMOVED. - SEE DEMOLITION NOTES.
- ROOF DRAIN & SUMP TO BE INSTALLED. - SEE DETAIL B/A2
- ROOF DRAIN & SUMP W/ SECONDARY DRAIN. - SEE DETAIL A/A2
- EXISTING VENT STACK TO REMAIN. - SEE DETAIL C/A2
- EMU #1 - EXIST. ROOF TOP MECH. UNIT TO REMAIN. - SEE DETAIL M/A2
- EMU #2 - EXIST ROOF TOP MECH. UNIT TO REMAIN. - SEE DETAIL F/A2
- EMU #3 - EXIST ROOF TOP MECH. UNIT TO REMAIN. - SEE DETAIL F/A2
- P.P. - PITCH POCKET TO BE INSTALLED. - SEE DETAIL K/A2
- WALKWAY PADS. - SEE CONSTRUCTION NOTE #2
- E.S. #1 - EMERGENCY SCUPPER. - SEE DETAIL S/A2
- E.S. #2 - EMERGENCY SCUPPER. - SEE DETAIL T/A2
- E.S. #3 - EMERGENCY SCUPPER. - SEE DETAIL A/A3
- D.E.W.D. - WALL MOUNTED EMERGENCY DRAIN. - SEE DETAIL P/A2
- R.D. - ROOF DIVIDER. - SEE DETAIL F/A2
- N.H.R.L. - HORIZONTAL ROOF DRAIN LEADER. - SEE CONSTRUCTION NOTE #1
- SK. 1 - SKYLIGHT. - SEE DETAIL D/A2. APPROX. SIZE 94\"/>
- SK. 2 - SKYLIGHT. - SEE DETAIL C/A3
- N.D. - NEW DOOR. - SEE DETAIL Q/A2
- E.J. - EXPANSION JOINT. SEE DETAIL J/A2 OR W/A2
- H.F. - EXIST HOT FLU. - SEE DETAIL G/A2
- P.C. - PIPE CURB. - SEE DETAIL H/A2

GENERAL NOTES

- ALL ROOFS TO RECEIVE 1/4\"/>
- FIELD VERIFY ALL DIMENSIONS & PERFORM TEST CUTS AT EACH ROOF PRIOR TO THE BD.
- ALL MATERIALS ARE NEW UNLESS OTHERWISE NOTED 'EXISTING'.
- ALL WOOD BLOCKING, PLYWOOD & NAILERS TO BE PRESSURE TREATED. (P.T.)
- ALL WOOD BLOCKING INDICATED IN DETAILS ARE TO BE ANCHORED TO THE EXISTING STRUCTURE.
- ALL MEMBRANE FLASHING INDICATED IS TO EXTEND A MINIMUM OF 8\"/>
- CONTRACTOR IS TO SURVEY THE EXISTING ROOF DECKS W/A LEVEL (AFTER DEMOLITION) TO VERIFY THE SLOPES INDICATED ON PLAN ARE ACCURATE. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO PERFORMING ANY ADDITIONAL ROOFING OPERATIONS.
- CONTRACTOR IS TO INSPECT THE UNDERSIDE OF ALL ROOF DECKS PRIOR TO ROOFING OPERATIONS. TO INSURE THAT NO INTERIOR MATERIALS, EQUIPMENT, FINISHES OR OBJECTS WILL BE PIERCED OR DAMAGED.
- CONTRACTOR ASSUMES ALL RESPONSIBILITY DURING PROJECT & WILL REPLACE ANY & ALL DAMAGED EQUIPMENT W/NO ADDITIONAL COST TO OWNER.
- SITE AREAS DISTURBED SHALL BE CLEANED & RE-LEVELLED. W/LAWN AREAS MAGNETICALLY RAKED TO REMOVE ANY METAL DEBRIS & RE-SEED AS REQUIRED TO MATCH ADJACENT CONDITIONS.
- CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR CLEAN UP OF ROOFING MATERIALS & DEBRIS THAT PENETRATES THE INTERIOR ENVELOPE OF THE BUILDING W/NO ADDITIONAL COST TO THE OWNER.
- SNAKE/CLEAN OUT ALL EXISTING VERTICAL & HORIZONTAL LEADERS OUT TO NEAREST MANHOLE OUTSIDE OF BUILDING.
- ALL CRICKETS ARE TO BE SLOPED @ A MINIMUM OF 1\"/>
- CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL & RE-INSTALLATION OF ALL HVAC UNITS INCLUDING ANY ELECTRICAL OR MECHANICAL CONNECTIONS. THIS MAY INCLUDE THE EXTENSION OF EXISTING ELECTRICAL & DUCTWORK SYSTEMS TO ACCOMMODATE NEW MECHANICAL UNIT CURBING & NEW ROOFING SYSTEM.
- SNAKE/CLEAN OUT ALL EXISTING VENT STACK BEFORE THE INSTALLATION OF METAL SLEEVE.
- ALL DRAIN PIPING IS INSULATED ABOVE THE CEILINGS. THE EXACT ROUTE WILL BE DETERMINED IN THE FIELD. MAKE MINOR ADJUSTMENT IN THE ROUTE AT NO ADDITIONAL COST TO OWNER.
- NEW INSULATION TO BE A MINIMUM 1/4\"/>
- ALL ANTENNAS, CONDUITS & ANY OTHER OBJECTS TO REMAIN AFFECTED BY SCOPE OF WORK, TO BE REMOVED & REINSTALLED.



PROJECT LOCATION AERIAL



ROOF PLAN AERIAL

