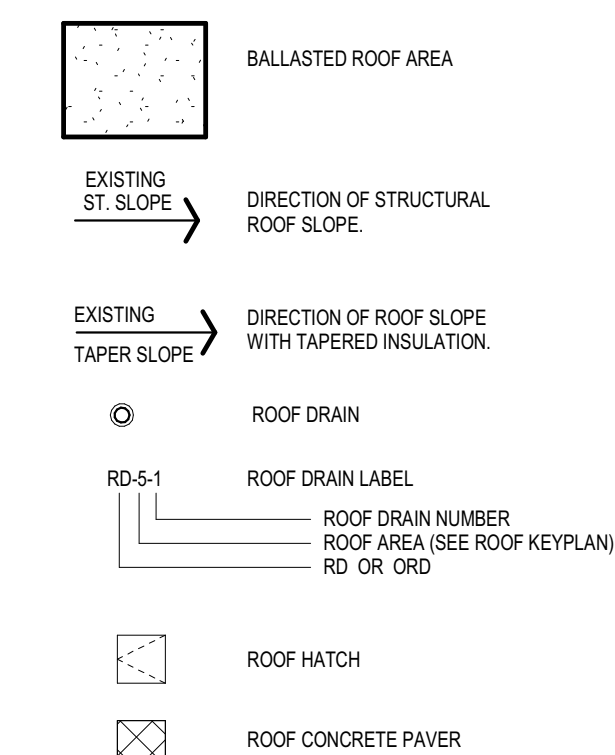


GENERAL NOTES

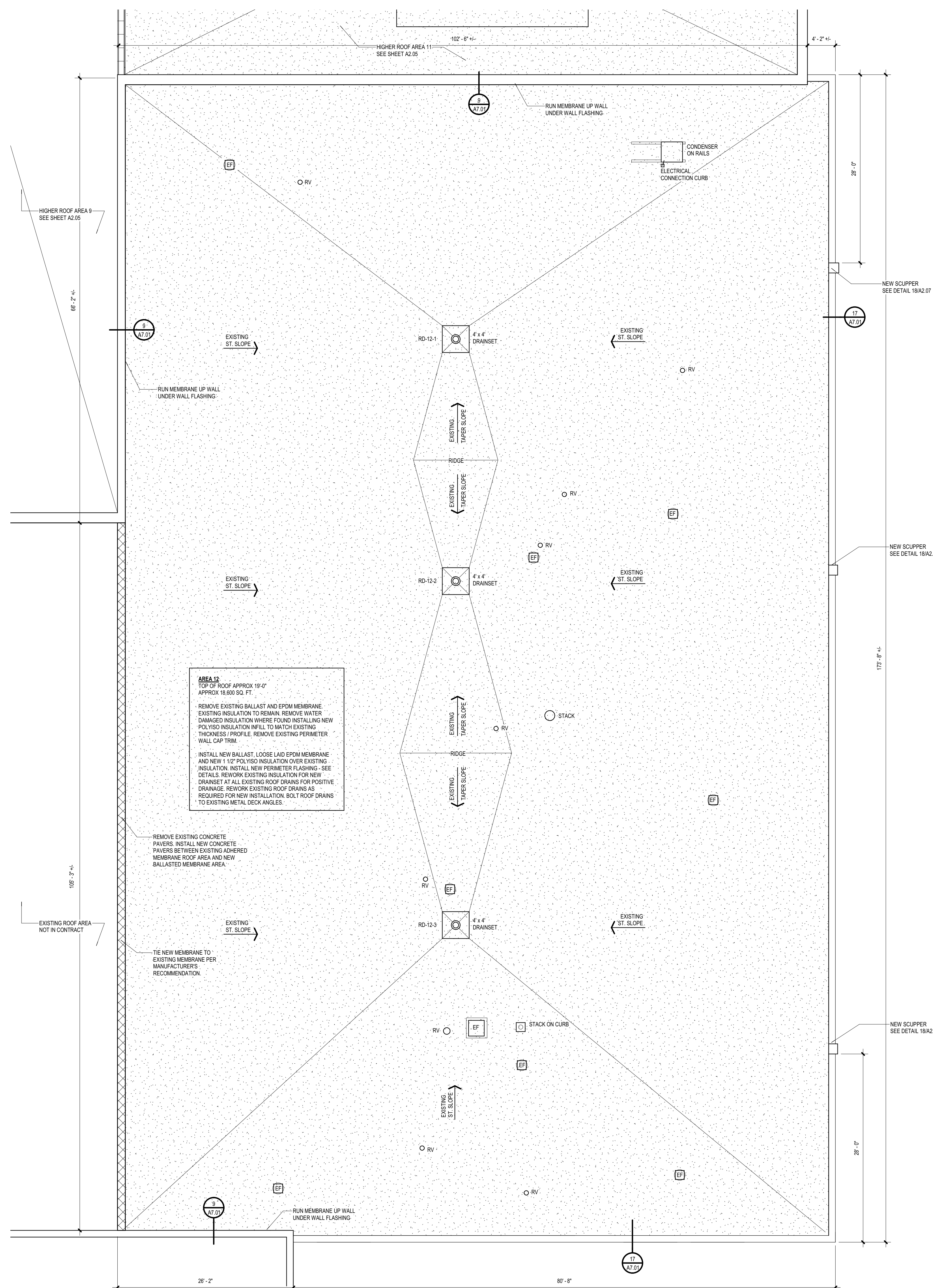
- ROOF DETAILS
 • ROOF DRAIN - 18A7.01
 • ROOF OVERFLOW DRAIN - 28A7.01
 • ROOF DRAIN BALLASTED ROOF - 38A7.01
 • PLUMBING VENT - 4A7.01
 • STACK FLASHING - 58A7.01
 • FASTENING ENHANCEMENT AT CORNER - 68A7.0A
 • ROOF CURB DETAIL - 7A7.01
 • METAL COPING SPLICE DETAIL - 8A7.01
- RE-ROOFING EXISTING NAELERS / BLOCKING TO REMAIN
 CONTRACTOR TO FIELD VERIFY THE EXISTING NAELERS / BLOCKING WILL COMPLY TO MEET THE WIND UPLIFT CRITERIA. REMOVE ALL DAMAGED NAELERS / BLOCKING AND / OR INSTALL ADDITIONAL FASTENERS AS REQUIRED TO COMPLY.
- PROVIDE 1/2" TAPERED CONCRETES AT ALL ROOF HATCHES AND MECHANICAL ROOF PENETRATIONS UNLESS OTHERWISE NOTED. TAPER SHALL PROVIDE DRAINAGE AROUND HATCH AND EQUIPMENT.
- SEE SPECIFICATION FOR ROOFING SYSTEM TO BE USED AND ROOF PLAN FOR LOCATIONS OF TAPERED INSULATION AND OR SLOPE CHANGES OF ROOF.
- CONTRACTOR RESPONSIBLE TO FIELD VERIFY ALL SQUARE FOOTAGE VALUES NOTED ON PLANS.
- REWORK EXISTING ROOF DRAINS FOR NEW ROOF DRAINSETS. CUT / PATCH AND REPAIR EXISTING ROOF INSULATION FOR NEW DRAINSETS AS REQUIRED FOR SEAMLESS TRANSITION OF EXISTING INSULATION TO NEW DRAINSET FOR POSITIVE WATER FLOW TO ROOF DRAINS. REWORK EXISTING ROOF DRAINS AS REQUIRED. ROOF DRAINS TO BE ATTACHED TO EXISTING METAL ROOF FRAMING.
- SCUPPER LOCATIONS TO BE COORDINATED SO THAT THEY DO NOT APPEAR OVER DOORS, WINDOWS OR MECHANICAL COVERS.
- STANDARD ROOF ABBREVIATIONS
 RD = ROOF DRAIN
 RD-O = OVERFLOW ROOF DRAIN
 EF = EXHAUST FAN
 RV = INTAKE VENT
 RTU = ROOF TOP UNIT
 RV = RELIEF VENT

LEGEND

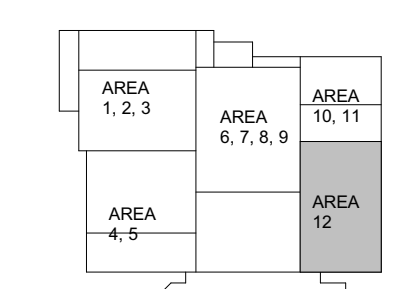


DESIGN CRITERIA

ULTIMATE WIND SPEED (3 SEC. GUST)	120 mph
WIND EXPOSURE	C
INTERNAL PRESSURE COEFFICIENT (IGC)	0.18
COMPONENTS & CLADDING PRESSURE (psf):	
FLAT ROOFS (BASED ON 20 SF)	
UPLIFT WITHIN 18" OF CORNER	61 psf
UPLIFT WITHIN 18" OF EDGE	44 psf
UPLIFT INTERIOR	25 psf
COMPONENTS & CLADDING PRESSURE (psf):	
FLAT ROOFS (BASED ON 20 SF)	
UPLIFT WITHIN 18" OF CORNER	37 psf
UPLIFT WITHIN 18" OF EDGE	25 psf
UPLIFT INTERIOR	17 psf



AREA 12 ENLARGED ROOF PLAN
 1/8" = 1'-0"



SOUTH HIGH SCHOOL PARTIAL RE-ROOF
 WEST OTTAWA PUBLIC SCHOOLS
 HOLLAND, MICHIGAN

ISSUANCES
 03/20/2020 BIDS & CONSTRUCTION

DRAWN SK
 REVIEWED LM

PROJECT NO. 5-4876

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AREA 12 ENLARGED ROOF PLAN

A2.06