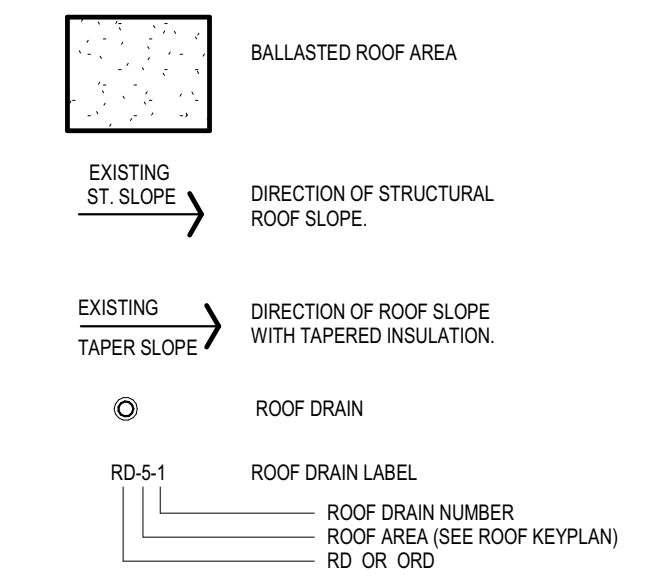


GENERAL NOTES

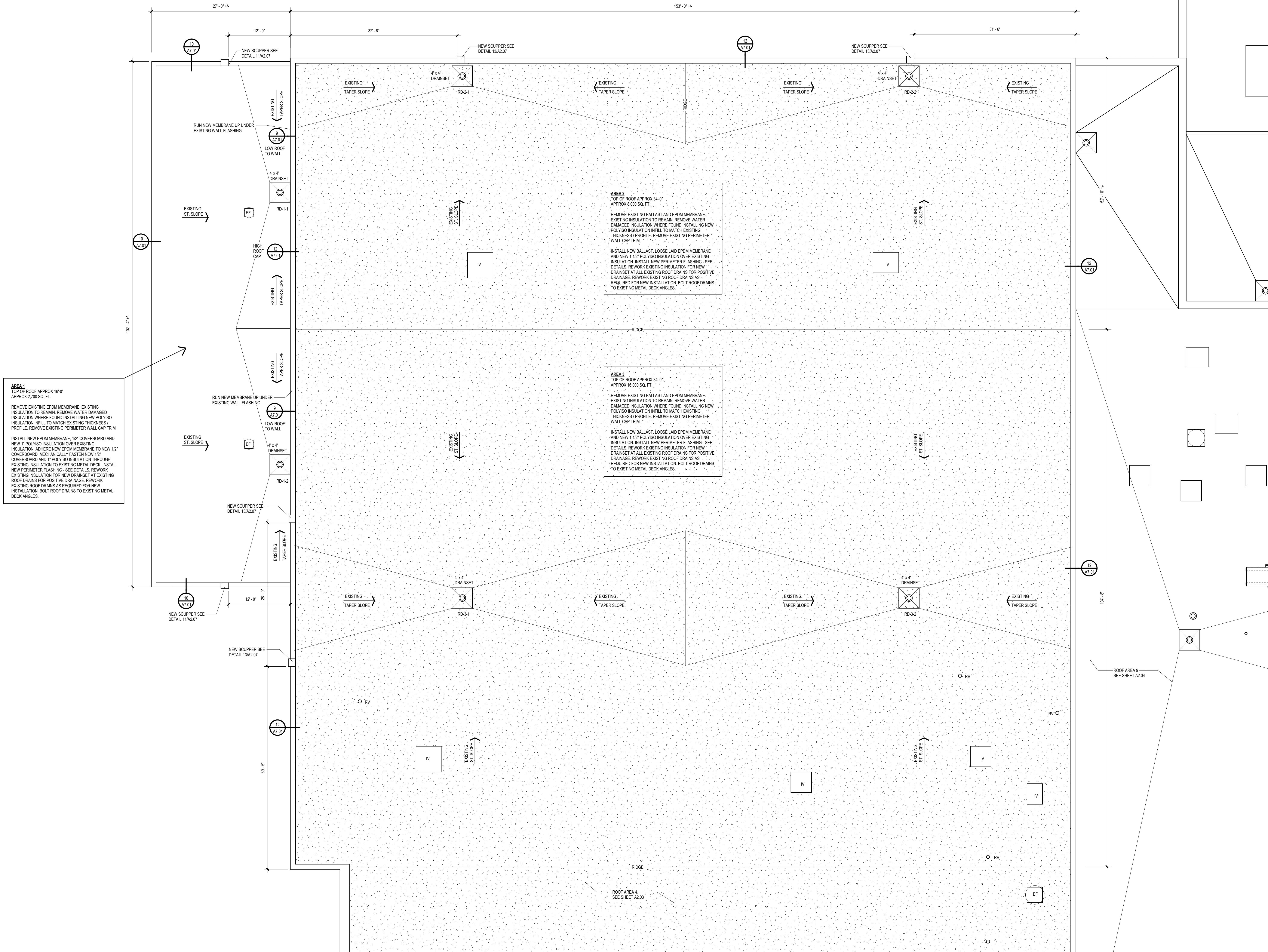
- ROOF DETAILS
  - ROOF DRAIN - 1/47.01
  - ROOF OVERFLOW DRAIN - 2/47.01
  - ROOF DRAIN BALLASTED ROOF - 3/47.01
  - FLUMING VENT - 4/47.01
  - STACK FLASHING - 5/47.01
  - FASTENING ENHANCEMENT AT CORNER - 6/47.0A
  - ROOF CURB DETAIL - 7/47.01
  - METAL COPING SPLICE DETAIL - 8/47.01
- RE-ROOFING EXISTING WALLERS: BLOCKING TO REMAIN. CONTRACTOR TO FIELD VERIFY THE EXISTING WALLERS/BLOCKING WILL COMPLY TO MEET THE WIND UP LIFT CRITERIA. REMOVE ALL DAMAGED WALLERS/BLOCKING AND/OR INSTALL ADDITIONAL FASTENER AS REQUIRED TO COMPLY.
- PROVIDE 1/2" TAPERED CRICKETS 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 LOUVERS.
- STANDARD ROOF ABBREVIATIONS
  - RD = ROOF DRAIN
  - ORD = OVERFLOW ROOF DRAIN
  - EF = EXHAUST FAN
  - IV = INTAKE VENT
  - RTU = ROOF TOP UNIT
  - RV = REEF VENT

LEGEND

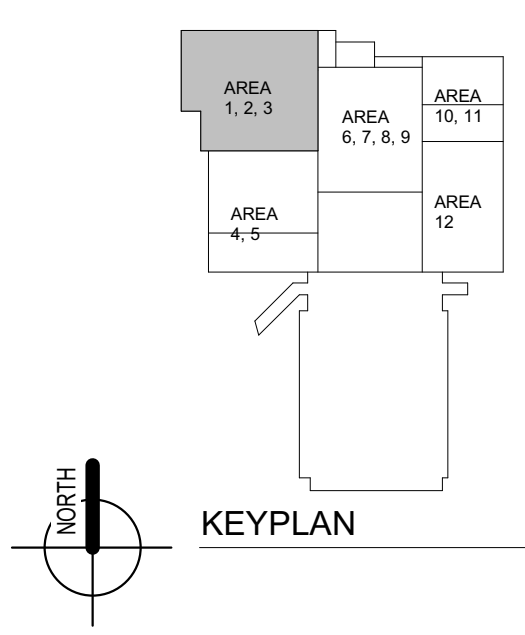


DESIGN CRITERIA

ULTIMATE WIND SPEED (3 SEC. GUST)	120 mph
WIND EXPOSURE	C
INTERNAL PRESSURE COEFFICIENT (Cp,i)	0.18
COMPONENTS & CLADDING PRESSURE (psf)	
FLAT ROOFS BASED ON 20 psf	
UPLIFT WITHIN 16' OF CORNER	61 psf
UPLIFT WITHIN 16' OF EDGE	44 psf
UPLIFT INTERIOR	28 psf
COMPONENTS & CLADDING PRESSURE (psf)	
FLAT ROOFS BASED ON 20 psf	
UPLIFT WITHIN 16' OF CORNER	37 psf
UPLIFT WITHIN 16' OF EDGE	28 psf
UPLIFT INTERIOR	17 psf



AREA 1, 2, 3 ENLARGED ROOF PLAN  
1/8" = 1'-0"



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

ISSUES  
03/20/2020 BIDS & CONSTRUCTION

DRAWN SK  
REVIEWED LM

PROJECT NO. 5-4876

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AREA 1, 2, 3 ENLARGED ROOF PLAN

A2.02