

1 BUILDING DC4 - OVERALL ROOF PLAN

Scale: 1 : 500

A.120

## ROOF LEGEND

H.P.	ROOF HIGH POINT
L.P.	ROOF LOW POINT
R.D.	ROOF DRAIN
S.D.	SCUPPER DRAIN
	ROOF HATCH
	ROOFTOP UNIT. SEE MECH. DWGS.
	INSULATION SUMP AT PROPOSED ROOF DRAIN
	BUILT-UP RIGID INSULATION ROOF CRICKET
→	FLOW LINE TO DRAIN
—	STRUCTURAL FRAMING BELOW ROOF DECK (HIDDEN). SEE STRUCT. DWGS.
■	ROOF WALKWAY PADS

## GENERAL ROOF NOTES

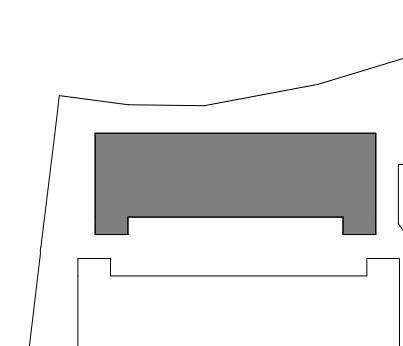
- 1 ALL GAS PIPING ON ROOF SHALL BE PAINTED BY MECHANICAL CONTRACTOR.
- 2 COORDINATE WITH ARCHITECTURAL & MECHANICAL DWGS. FOR ALL ROOF OPENING SIZES & LOCATIONS. FOR ALL MECH. EQUIPMENT, REFER TO MECHANICAL DWGS.
- 3 ROOF CURBS TO BE PROVIDED FOR ALL MECHANICAL EQUIPMENT THAT ARE NOT SUPPORTED WITH THEIR OWN CURBS.
- 4 ALL CURBS TO BE BUILT LEVEL.
- 5 FOR SIZE AND LOCATION OF GAS PIPES, REFER TO MECHANICAL DRAWINGS.
- 6 INSTALL STEEL BURGLER BARS TO PROTECT ROOF OPENINGS LARGER THAN 12"X12" TBD.
- 7 ROOF MEMBRANE SUPPLIER TO PROVIDE ROOF MODIFIED BITUMEN WALKWAYS.
- 8 ALL RECESSED MECHANICAL ROOF WELLS FULLY TAPERED WITH 2% SLOPE TO DRAINS, TYP. ALL DRAIN SUMPS FULLY TAPERED WITH 2% SLOPES TO DRAIN, TYP.
- 9 NOTE: AT ALL ROOF PERIMETERS AND ALL WALL ROOFS WHERE EQUIPMENT REQUIRES SERVICING WITHIN 10'-0" OF ROOF EDGES, INSTALL ROOF EDGE GUARD/TRAVEL RESTRAINT, TYP.
- 10 ROOF CRICKET SURFACE TO ACHIEVE 1/4" / 1/2" SLOPE MINIMUM WITH 1/8" / 1/2" MINIMUM AT VALLEY.
- 11 ALL DOWNSPOUTS COLLECTOR HEADS AND DOWNSPOUTS TO BE PREFINISHED METAL. REF SPECIFICATIONS FOR ADDITIONAL INFORMATION.

ROOF SYSTEM TYPE:  
 SINGLE-PLY TPO ROOF (R30-MIN) - 100% OF THE ROOF SPACE TPO MEMBRANE TO COMPLY WITH THE REQUIREMENTS OF A MINIMUM SOLAR REFLECTANCE INDEX (SRI) OF 82 FOR INDUSTRIAL BUILDINGS (AS PER COOL ROOF ALTERNATIVE TO THE GREEN REQUIREMENTS FOR INDUSTRIAL BUILDINGS).

\*NOTE: ROOF NOT INTENDED TO BE USED FOR STORM WATER STORAGE. BOTTOM OF OVERFLOW SCUPPERS LOCATED MAXIMUM 150mm ABOVE LOW POINT OF ROOF (ROOF DRAIN ELEVATIONS)

ROOF CONSTRUCTION:  
 - 80 mm REINFORCED TPO MEMBRANE MECHANICALLY ATTACHED TO  
 - 13mm INSULATION OVERLAY BOARD  
 - TWO LAYERS OF 76mm RIGID INSULATION (R-30 MIN) W/ STAGGERED JOINTS  
 - COOL ROOF ALTERNATIVE TO THE GREEN REQUIREMENTS  
 - 13mm ROOF BOARD (SHEATHING)  
 - 38mm METAL ROOF DECK O.W.S.J. (SEE STRUCTURALLY DWGS)

## KEY PLAN



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PROJECT TITLE:  
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SHEET TITLE:  
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SEAL: SHEET NO.

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