

**COOLING TOWER ROOF**

SCALE: 1/8" = 1'-0"

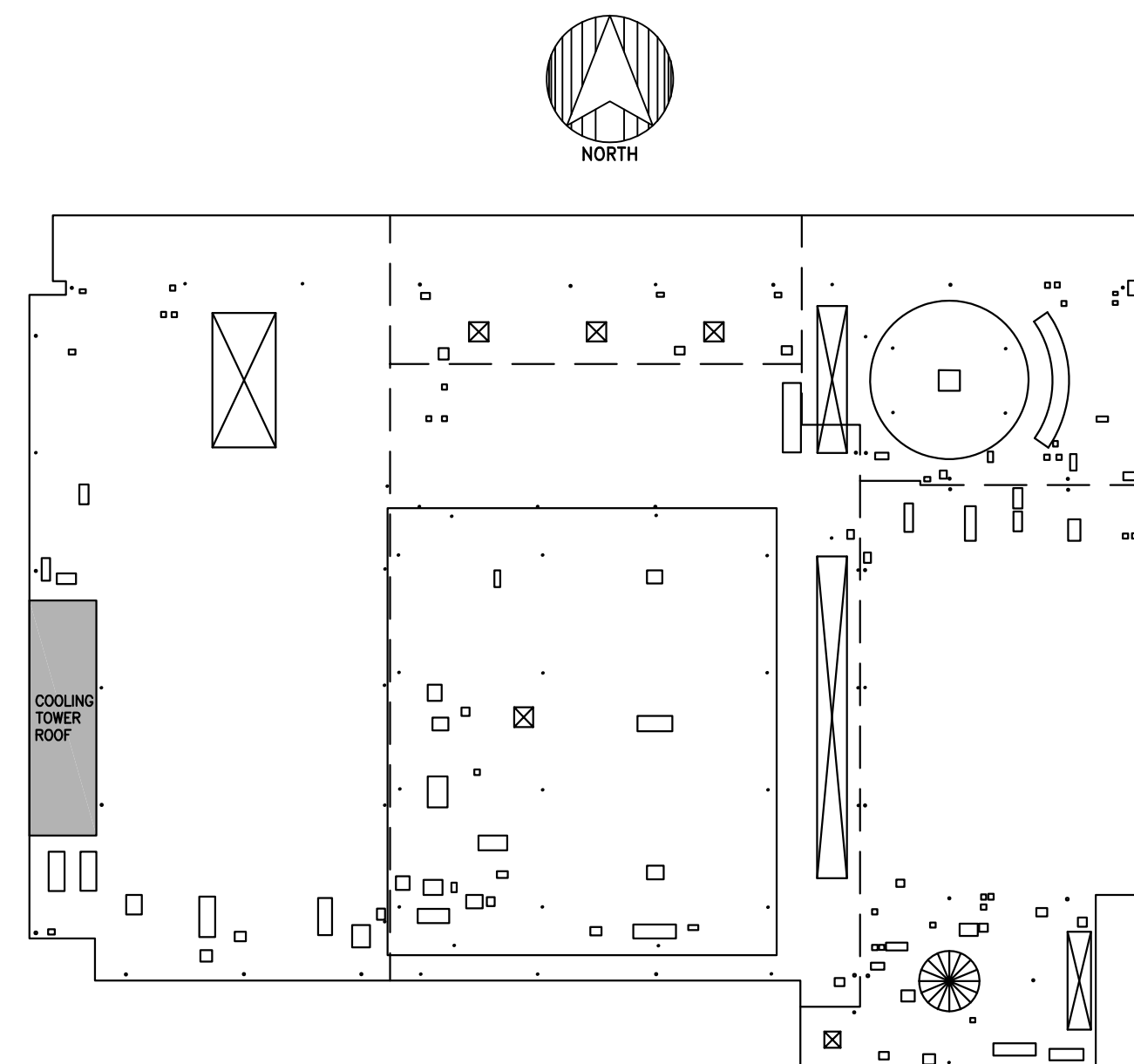
**SCOPE OF WORK**

- NOTES:
- CONTRACTOR TO MEASURE AND VERIFY ALL DIMENSIONS PRIOR TO STARTING WORK, INCLUDING PENETRATION SIZES AND LOCATIONS. NOTIFY THE ENGINEER OF RECORD (EOR) IMMEDIATELY IF DIMENSIONS OR CONDITIONS DIFFER FROM THOSE SHOWN.
  - WHERE APPROPRIATE, PROTECT ALL INTERIOR FINISHES FROM DUST AND DEBRIS, WEATHER, AND ANY OTHER DAMAGE DURING DEMOLITION. PROTECT INTERIOR SPACES FROM UNAUTHORIZED ACCESS DURING CONSTRUCTION. REPAIR ALL DAMAGE TO INTERIOR SPACES INCURRED DURING CONSTRUCTION AT NO COST TO THE OWNER. PROTECT ALL EXTERIOR BUILDING COMPONENTS AND COOLING TOWER EQUIPMENT TO REMAIN FROM CONSTRUCTION ACTIVITY. REPAIR ALL DAMAGE TO EXTERIOR BUILDING COMPONENTS INCURRED DURING CONSTRUCTION AT NO COST TO THE OWNER.
  - CLEAN ALL EXISTING ROOF DRAINS AND DRAIN LINES AFTER ROOFING WORK IS COMPLETE.
  - PROVIDE APPROPRIATE DUMPSTERS FOR TEMPORARY DEBRIS STORAGE DURING CONSTRUCTION ACTIVITY.
  - PREPARE MEASURED SHOP DRAWINGS OF ROOFING AND FLASHING SYSTEMS TO BE REPLACED. SHOP DRAWINGS SHALL REFLECT ACTUAL CONDITIONS AND DIMENSIONS.
  - PROVIDE 1/4" IN/FT MINIMUM SLOPE TO DRAIN ON NEW ROOF. PROVIDE CRICKETS, ETC. TO ELIMINATE PONDING. SUBMIT SHOP DRAWINGS WITH PROPOSED INSULATION LAYOUT FOR APPROVAL.
  - SUBMIT MEANS AND METHODS OF ROOFING REMOVAL TO THE EOR PRIOR TO THE START OF REMOVAL WORK.
  - DEFICIENT WORK AND/OR WORK NOT IN CONFORMANCE WITH THE CONTRACT DOCUMENTS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPENSATE THE OWNER FOR SERVICES ARISING FROM DEFICIENT WORK, REVIEW OF MODIFICATIONS/CONTRACTOR SUBSTITUTION, OR EXPEDITING OF SUBMITTALS.
  - COST OF INVESTIGATION AND/OR REDESIGN INCURRED BY THE EOR DUE TO CONTRACTOR ERRORS WILL BE AT THE CONTRACTOR'S EXPENSE.
  - SUBMIT PROPOSED LAYDOWN AREA PLAN, INCLUDING MATERIALS, ACCESS, AND DOCUMENTATION OF EXISTING CONDITIONS.

**GENERAL NOTES:**

- ALL INFORMATION ON EXISTING DIMENSIONS AND STRUCTURE FROM DRAWINGS LABELED 100% CONSTRUCTION DOCUMENTS AND DATED 08/11/2010 TO BE FIELD VERIFIED BY THE CONTRACTOR BEFORE BEGINNING WORK. NOTIFY THE EOR IMMEDIATELY OF ANY DISCREPANCIES.
- DESIGN IS IN ACCORDANCE WITH THE MASSACHUSETTS STATE BUILDING CODE 7<sup>TH</sup> EDITION, AND FOR WIND UPLIFT OF:
 

MAIN ROOF/COOLING TOWER ROOF:	ZONE 1 (FIELD OF ROOF): 84 PSF
	ZONE 2 (39 FT WIDTH @ PERIMETER): 132 PSF
	ZONE 3 (CORNERS) 180 PSF
BALLROOM ROOF:	ZONE 1 (FIELD OF ROOF): 94 PSF
	ZONE 2 (20 FT WIDTH @ PERIMETER): 146 PSF
	ZONE 3 (CORNERS) 200 PSF
- WIND UPLIFT LOADS ABOVE INCLUDE A FACTOR OF SAFETY EQUAL TO 2. INSTALLATION OF ROOFING SYSTEMS SHALL QUALIFY FOR A FACTORY MUTUAL (FM) GLOBAL ASSEMBLY WIND RATING OF FM 1-90 AT THE MAIN ROOF AND COOLING TOWER ROOF AND FM 1-105 AT THE BALLROOM ROOF.
- REFER TO PROJECT SPECIFICATION FOR DETAILED REQUIREMENTS FOR MATERIAL AND WORKMANSHIP.
- UNLESS OTHERWISE NOTED, DETAILS, SECTIONS, AND NOTES CONTAINED IN THE CONTRACT DOCUMENTS SHALL BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS EVEN IF NOT EXPLICITLY REFERENCED.
- AT LEAST TWO (2) COOLING TOWER UNITS MUST BE FULLY OPERATIONAL AT ALL TIMES BETWEEN MARCH 1ST THROUGH NOVEMBER 1ST.



**KEY PLAN**

Consultant

**EXTERIOR ENVELOPE REPAIRS  
HYNES CONVENTION CENTER**

**900 BOYLSTON ST  
BOSTON, MA**

Project

**PARTIAL ROOF PLAN  
COOLING TOWER**

Drawing Title

Project No. 100206.00	Checked SMR	Date 08/11/2010
Drawn WTB	Approved BAG	Scale AS NOTED

Drawing No.

**BT-200**

Seal