



**ROOF PLAN**  
SCALE: 1/32" = 1'-0"

**SCOPE OF WORK NOTES:**

- COORDINATE ALL CONSTRUCTION ACTIVITY WITH THE OWNER WITH CONSIDERATION OF THE HYNES CONVENTION CENTER EVENT SCHEDULE AND THE RESTAURANT SCHEDULE TO MINIMIZE DISRUPTION TO BUILDING OCCUPANTS AND EVENTS TAKING PLACE ON THE PRUDENTIAL CENTER PLAZA.
- CONTRACTOR TO MEASURE AND VERIFY ALL DIMENSIONS PRIOR TO STARTING WORK. NOTIFY THE ENGINEER OF RECORD (EOR) IMMEDIATELY IF DIMENSIONS DIFFER FROM THOSE SHOWN.
- DETERMINE A SOURCE FOR, AND AVAILABILITY OF, REPLACEMENT BRICK MASONRY TO MATCH EXISTING PRIOR TO THE START OF THE REMOVAL WORK.
- REMOVE AND STORE OF EXISTING LIGHTNING PROTECTION SYSTEM AT AREAS OF ROOF REPLACEMENT. PROVIDE TEMPORARY LIGHTNING PROTECTION FOR THE DURATION OF THE CONSTRUCTION WORK ON ALL ROOFS WHERE LIGHTNING PROTECTION CURRENTLY EXISTS. AT COMPLETION OF ROOFING WORK, REINSTALL EXISTING LIGHTNING PROTECTION SYSTEM AND HAVE SYSTEM CERTIFIED BY A LIGHTNING PROTECTION ENGINEER, LICENSED IN MASSACHUSETTS.
- BALLASTED ROOF IS TO BE REMOVED AND REPLACED IN AREA SHOWN. EXISTING EXPANSION JOINT FLASHING AT PERIMETER OF NEW ROOFING SHALL BE REPLACED IN CONJUNCTION WITH THE ADJACENT ROOFING REPLACEMENT.
- PRIOR TO THE REMOVAL OF ANY EXISTING MASONRY, SURVEY AND RECORD THE MEASUREMENTS, GEOMETRY, AND LOCATION OF EACH INDIVIDUAL STONE OR BRICK TO BE REMOVED. DOCUMENT ANY EXISTING DAMAGE TO THE MASONRY PRIOR TO REMOVAL; ALL STONES DAMAGED DURING REMOVAL, STORAGE, OR CONSTRUCTION WILL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER. SUBMIT SHOP DRAWINGS THAT ACCURATELY DOCUMENT ALL EXISTING CONDITIONS, INCLUDING EXISTING COURSING PATTERNS. CONTRACTOR IS RESPONSIBLE FOR REPLICATION OF EXISTING COURSING PATTERNS WHEN REINSTALLING MASONRY.
- WHERE APPROPRIATE, PROTECT ALL INTERIOR FINISHES FROM DUST AND DEBRIS, WEATHER, AND ANY OTHER DAMAGE DURING CONSTRUCTION. PROTECT INTERIOR SPACES FROM UNAUTHORIZED ACCESS DURING CONSTRUCTION.
- PROTECT ALL LANDSCAPING FROM CONSTRUCTION ACTIVITY, INCLUDING, BUT NOT LIMITED TO, PLAZA PAVERS, WALKWAYS, TREES, GARDENS, CURBS, AND LIGHT POSTS.
- PROTECT ALL EXTERIOR BUILDING COMPONENTS TO REMAIN FROM CONSTRUCTION ACTIVITY. REPAIR ALL DAMAGE TO THE EXTERIOR BUILDING COMPONENTS AT NO COST TO THE OWNER.
- PROVIDE APPROPRIATE DUMPSTERS FOR TEMPORARY DEBRIS STORAGE DURING CONSTRUCTION ACTIVITY.
- PROVIDE ACCESS TO THE BUILDING WALLS AND ROOFS TO PERFORM THE REQUIRED WORK, INCLUDING AERIAL LIFTS, SCAFFOLDING ETC. WHERE POSSIBLE, DO NOT SUPPORT SCAFFOLDING OR OTHER CONSTRUCTION ACTIVITY WORK ON ROOFS OR ON THE PRUDENTIAL CENTER PLAZA. IF IT IS NECESSARY TO SUPPORT SCAFFOLDING OR ANY OTHER CONSTRUCTION WORK ON THE ROOFS, OR IF HOIST EQUIPMENT IS LOCATED ON SCAFFOLDING, PROVIDE A STAGING AND WORK PLAN STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF MASSACHUSETTS TO THE EOR. PLAN SHALL SHOW ALL ATTACHMENTS, PROTECTION ETC. FOR SCAFFOLDING. UPGRADE THE EXISTING ROOF STRUCTURE(S) AS NECESSARY TO MEET REQUIRED CAPACITIES. COORDINATE LOCATION OF CRANES AND OTHER LIFTING OR HOISTING EQUIPMENT WITH THE OWNER.
- SUBMIT MEANS AND METHODS FOR ALL DEMOLITION WORK TO THE EOR PRIOR TO THE START OF REMOVAL WORK.
- PREPARE MEASURED SHOP DRAWINGS OF ROOFING AND FLASHING SYSTEMS TO BE REPLACED.
- MAINTAIN ACCESS TO EGRESS STAIRS AND OTHER MEANS OF BUILDING EGRESS AT ALL TIMES DURING 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 SUBSTITUTIONS, OR EXPEDITING OF SUBMITTALS.
- SUBMIT PROPOSED LAYDOWN AREA PLAN, INCLUDING FENCING LAYOUT, MATERIALS, GATE LOCATIONS, ACCESS, AND DOCUMENTATION OF EXISTING CONDITIONS. EXISTING CONDITIONS DOCUMENTATION SHALL INCLUDE LANDSCAPING PLAN AND PHOTOGRAPHIC SURVEY.

**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.
- REFER TO PROJECT SPECIFICATIONS FOR DETAILED REQUIREMENTS FOR MATERIALS 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.
- 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.

**LEGEND**

- (E) ROOF DRAIN
- (E) VENT
- ⊗ (E) SKYLIGHT
- - - (E) EXPANSION JOINT
- AREA OF ROOF REPLACEMENT
- ▨ NEW WALKWAY PROTECTION PADS

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Consultant

**Bid Set Documents**

No.	Date	Description	By
2	08/30/10	ADDENDUM #3	SMR
1	08/20/10	ADDENDUM #1	SMR

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2	08/30/10	ADDENDUM #3	SMR
1	08/20/10	ADDENDUM #1	SMR

**EXTERIOR ENVELOPE REPAIRS  
 HYNES CONVENTION CENTER**  
 900 BOYLSTON ST  
 BOSTON, MA

**ROOF PLAN**  
 Drawing Title

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

Drawing No.  
**BT-100**

**Bid Set Documents**