

PREVENTATIVE MAINTENANCE AND REPAIR – PHASE 3  
OF THE  
**LEGISLATIVE OFFICE BUILDING  
PARKING GARAGE**  
HARTFORD, CONNECTICUT  
APRIL 2016

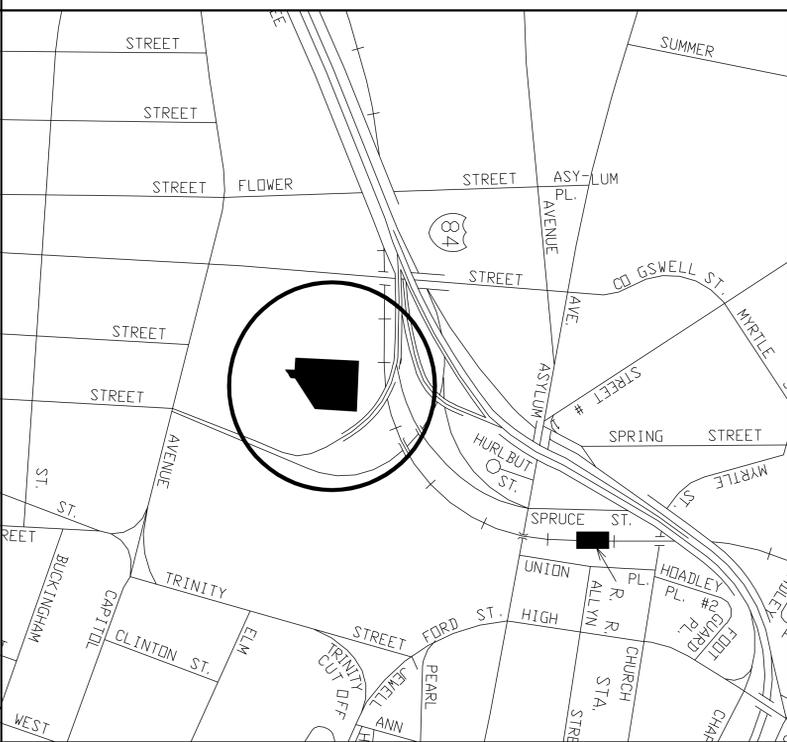
SCOPE OF WORK

- A. Surface Scaling/Shallow-Depth Repair/Healer-Sealer Application
- B. Miscellaneous Shear Connector Repair
- C. Miscellaneous Connection Repair at Columns-Ledger Beams
- D. Miscellaneous Vertical/Overhead Concrete Repair
- E. Miscellaneous Concrete Curb Repair
- F. Miscellaneous Crack Repair
- G. Miscellaneous Cove Joint Installation
- H. Miscellaneous Traffic Bearing Membrane Repair/Re-coat
- I. Miscellaneous Expansion Joint Replacement
- J. Façade Joint Sealant Replacement
- K. Miscellaneous Replacement of Granite Stone Facing
- L. Installation of Flashing System along sides of Ramp
- M. Traffic Marking Repair
- N. Miscellaneous Coordination Work.
- O. Mobilization/Demobilization.

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SITE LOCATION MAP



GENERAL NOTES

- THE FOLLOWING NOTES SHALL APPLY UNLESS NOTED OTHERWISE ON PLANS OR SPECIFICATIONS.
- ALL DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE MOST RECENT EDITION OF THE CONNECTICUT STATE BUILDING CODE AS ADOPTED BY THE STATE BOARD OF BUILDING REGULATIONS AND STANDARDS AND ON FILE WITH THE OFFICE OF THE SECRETARY OF STATE.
  - CONTRACTOR IS INSTRUCTED NOT TO SCALE DRAWINGS.
  - CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL CONDITIONS AND DIMENSIONS SHOWN ON THE DRAWINGS WITH EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
  - CONTRACTOR SHALL REPORT IMMEDIATELY TO THE ENGINEER ANY DISCREPANCIES OR INCORRECT INFORMATION WITH RESPECT TO THE DRAWINGS BASED ON EXISTING CONDITIONS. AFTER REPORTING THESE DISCREPANCIES VERBALLY TO THE CONTRACTOR SHALL SUBMIT A WRITTEN REPORT (WITH DRAWINGS/SKETCHES, AS REQUIRED) IMMEDIATELY FOR THE ENGINEER'S REVIEW. CONTRACTOR SHALL BE DIRECTED BY THE ENGINEER REGARDING THE CHANGES, AND FURTHER ACTION IF AND AS REQUIRED.
  - THE CONTRACTOR SHALL PROVIDE AND IMPLEMENT ALL NECESSARY STAGING PLANS SHOWING METHODS AND EQUIPMENT FOR PROTECTING THE GENERAL PUBLIC, PARKING GARAGE, ADJACENT BUILDINGS, EQUIPMENT, MATERIALS AND PERSONNEL FROM FIRE AND OTHER DAMAGES. THESE MEASURES SHALL BE ADEQUATE TO PROTECT ALL WORK, METHODS AND EQUIPMENT SHOWN IN THE DRAWINGS FROM FIRE AND OTHER DAMAGES. THE CONTRACTOR SHALL PROVIDE AND IMPLEMENT MEASURES TO PROTECT THE BUILDING FROM FIRE AND OTHER DAMAGES PRIOR TO THE START OF THE BUILDING PERIOD. FIRE PROTECTION AND PREVENTION DURING THE CONSTRUCTION PERIOD SHALL BE IN ACCORDANCE WITH ALL LAWS AND REGULATIONS INCLUDING, BUT NOT LIMITED TO, THE LATEST N.E.P.A. REGULATIONS, OSHA REGULATIONS, OSHA REQUIREMENTS, THE STATE OF CONNECTICUT AND THE CITY OF NEW HAVEN REGULATIONS AND ORDINANCES.
  - THE CONTRACTOR SHALL COMPLY WITH ALL SAFETY AND HEALTH LAWS AND REGULATIONS INCLUDING, BUT NOT LIMITED TO, THE PROVISIONS AND REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (AS AMENDED) OR THE CONSTRUCTION SAFETY ACT OF 1969 (AS AMENDED); WHICHEVER IS APPLICABLE. THE CONTRACTOR SHALL COMPLY WITH ALL THE MOST RECENT APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS AND ORDERS OF ANY PUBLIC AUTHORITY HAVING JURISDICTION OVER THE PROJECT IN ORDER TO PROTECT PERSONS AND/OR PROPERTY FROM DAMAGE, INJURY OR LOSS. THE CONTRACTOR SHALL ERRECT AND MAINTAIN, AS REQUIRED BY EXISTING CONDITIONS AND PROGRESS OF THE WORK, ALL RESPONSIBLE SAFEGUARDS FOR SAFETY AND HEALTH OF ALL PERSONS INCLUDING, BUT NOT LIMITED TO, THE CONTRACTOR'S OWNERS, EMPLOYEES AND ADJACENT FACILITIES. THE CONTRACTOR SHALL ALSO ASSURE THAT ALL HIS SUBCONTRACTORS CONFORM TO ALL HEALTH AND SAFETY LAWS AND REGULATIONS.
  - THE CONTRACTOR SHALL PROVIDE ALL SHORING, BRACING AND SHEETING REQUIRED FOR SAFETY AND PROPER EXECUTION OF THE WORK. CONTRACTOR IS RESPONSIBLE FOR PREPARATION OF SHOP DRAWINGS, DESIGNED AND STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF CONNECTICUT, FOR ANY SPECIALIZED SHORING, ETC. WHICH MAY BE REQUIRED. DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER AND THE CITY OF NEW HAVEN BUILDING DEPARTMENT FOR APPROVAL.
  - THE CONTRACTOR SHALL NOT ATTEMPT TO BRING ANY CONSTRUCTION EQUIPMENT WEIGHING MORE THAN 6000 LBS OR OTHER SPECIALIZED VEHICLE OR EQUIPMENT ONTO THE PARKING DECK WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER (DESIGN ASSOCIATE). IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL PROVIDE A LETTER OF AUTHORITY TO THE ENGINEER FROM THE PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF CONNECTICUT, SHOWING IMPACT OF SAID EQUIPMENT ON THE STRUCTURE.
  - WHEN PLANS AND SPECIFICATIONS INCLUDE INFORMATION PERTAINING TO SURFACE OBSERVATIONS, MATERIAL TESTING AND OTHER PRELIMINARY INVESTIGATIONS, SUCH INFORMATION REPRESENTS ONLY THE OPINION OF THE ENGINEER AS TO THE LOCATIONS, CHARACTER, OR QUANTITY OF THE MATERIALS OR CONDITIONS ENCOUNTERED AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. THE OWNER/ENGINEER ASSUMES NO RESPONSIBILITY WHATSOEVER WITH RESPECT TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE EXISTING THROUGHOUT THE WORK, OR THAT UNANTICIPATED DEVELOPMENTS MAY NOT OCCUR AND/OR EXIST.
  - ANY EXTRA WORK BEYOND THE SCHEDULED QUANTITIES REQUIRING EXTRA COST TO THE OWNER SHALL BE PROVIDED BY THE OWNER PRIOR TO COMMENCING WORK. DRAWINGS FOR EXTRA WORK WHICH HAVE NOT BEEN AUTHORIZED IN WRITING BY THE ENGINEER AND APPROVED BY THE ENGINEER WILL BE REJECTED AND THE CONTRACTOR SHALL NOT BE ENTITLED TO PAYMENT.
  - THE CONTRACTOR SHALL REVIEW ALL EXISTING CONDITIONS TO DETERMINE ALL SERVICES WHICH MIGHT BE AFFECTED BY THE REPAIR WORK. HE SHALL MAKE NECESSARY TEMPORARY CONNECTIONS TO MAINTAIN EXISTING SERVICES TO ALL AREAS OF THE PARKING DECK OR OTHER AREAS NOT IN THE CONTRACT AFFECTED BY THE WORK. UPON COMPLETION OF REPAIRS THE CONTRACTOR SHALL MAKE PERMANENT CONNECTIONS TO ALL SERVICES WHICH HAD BEEN TEMPORARILY MAINTAINED.
  - ANY UTILITY LINES ABANDONED OR NO LONGER IN SERVICE THAT WOULD INTERFERE WITH THE PROJECT SHALL BE IDENTIFIED BY THE CONTRACTOR AND REMOVED FROM THE REPAIR AREAS BY THE CONTRACTOR, UNLESS NOTED OTHERWISE, PRIOR TO START OF WORK.
  - ALL DETAILS, SECTIONS AND NOTES SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE, UNLESS OTHERWISE SHOWN.
  - THE CONTRACTOR SHALL PROVIDE THE ENGINEER/OWNER A COMPREHENSIVE TRAFFIC CONTROL PLAN PRIOR TO STARTING WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS AS WELL AS FOR THE PROVISION OF ALL REQUIRED TRAFFIC CONTROL DEVICES, WARNING LIGHTS AND SIGNAGE IN ACCORDANCE WITH THE CURRENT EDITION OF THE AASHTO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. CONTRACTOR SHALL ALSO PROVIDE EXTRA-DUTY POLICE OFFICERS TO DIRECT TRAFFIC AS MAY BE REQUIRED BY OBSTRUCTION PERMITS.
  - THE CONTRACTOR SHALL REMOVE ALL DEBRIS FROM THE SITE ON A DAILY BASIS AND PROTECT MATERIALS AND WORK IN PROGRESS FROM VANDALISM.

**OWNER: CONNECTICUT GENERAL ASSEMBLY**  
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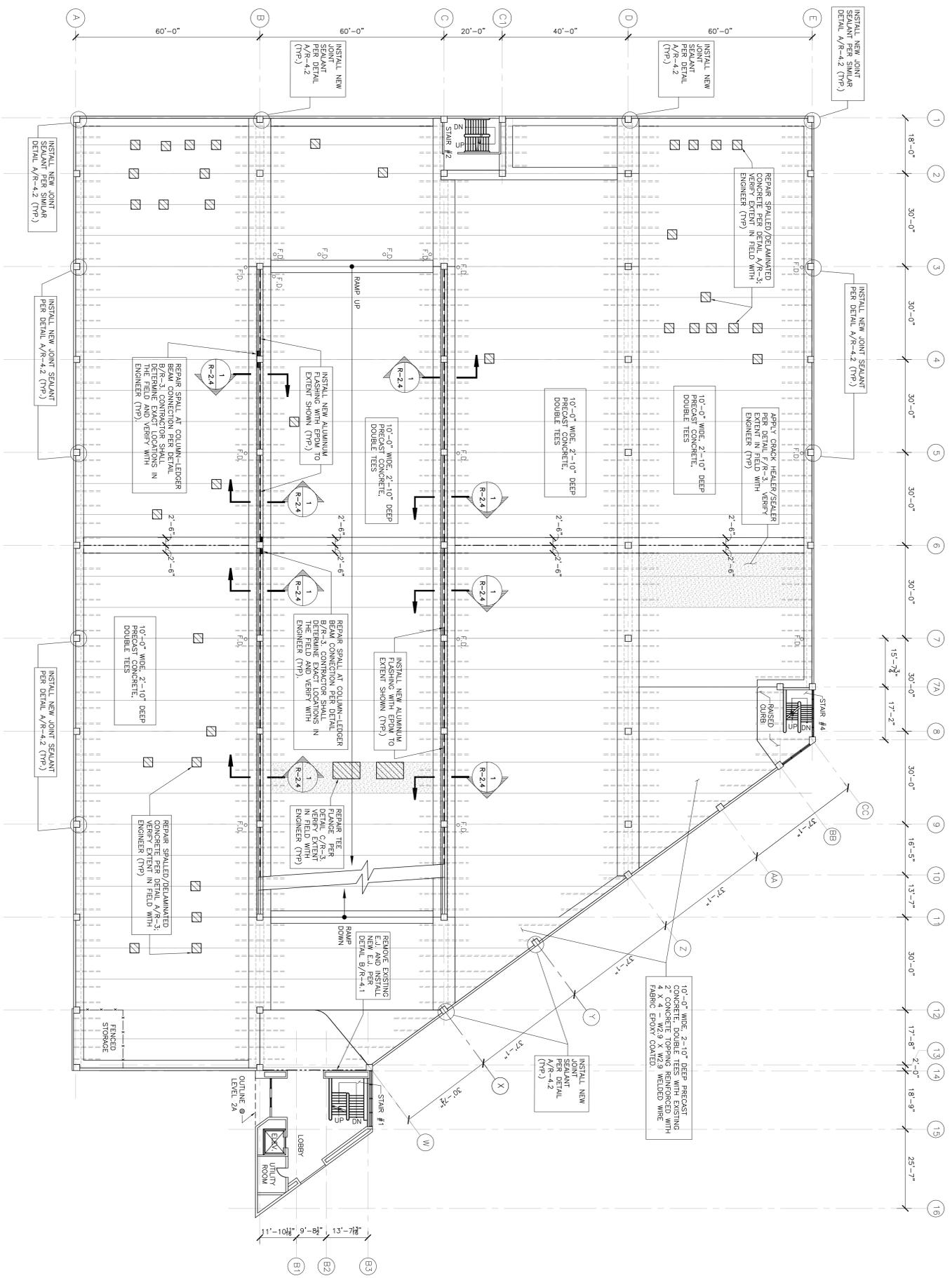
**STRUCTURAL ENGINEER/ARCHITECT: DESMAN ASSOCIATES**  
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<p><b>PREVENTATIVE MAINTENANCE AND REPAIR- PHASE 3</b> OF THE <b>LEGISLATIVE OFFICE BUILDING PARKING GARAGE</b> HARTFORD, CONNECTICUT</p>	
<p>DRAWING NO. <b>R-1</b></p>	<p>SCALE: AS NOTED DATE: APRIL 2016 PROJECT NO. 6-15585-3 DESIGNER: DESMAN/CKR/K.O.S. K.O.S.</p>
<p>TITLE SHEET</p>	<p>NO. DATE BY REVISIONS DRAWING TITLE</p>

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LEVEL 2 1/2 FLOOR PLAN  
SCALE: 1/16" = 1'-0"

NOTES:

1. DO NOT SCALE OFF OF DRAWINGS.
2. LOCATIONS OF CRACKS, COLUMN SPALLS, SLAB REPAIR AREAS AND CONTROL/CONSTRUCTION JOINTS MAY VARY FROM THAT SHOWN ON THE PLAN LOCATIONS APPROVED BY THE ENGINEER PRIOR TO STARTING OF DEMOLITION.
3. FOR CONCRETE DECK REPAIRS, SEE DRAWING R-3.
4. THE SLAB SHALL BE SHORED AS REQUIRED PRIOR TO CONCRETE DEMOLITION. SHORING MUST BE DESIGNED AND STAMPED BY A PROFESSIONAL ENGINEER. STATE OF CONNECTICUT PERMITS SHALL BE OBTAINED PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL DETERMINE EXACT LOCATIONS IN FIELD WITHIN THE SPALLS TO BE REPAIRED AND SHALL MEET THE REQUIREMENTS OF THE MASHO UNDER TRAFFIC SAFETY CODE AND OWNER/ENGINEER.
5. ALL EXISTING FLOOR DRAINS SHALL BE PROTECTED DURING THE WORK. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CORRECTING THE OPERATION AND MAINTENANCE OF ALL DRAINS (AND/OR PIPING) THAT DOES NOT FUNCTION PROPERLY.
6. PROPER COORDINATION BETWEEN THE CONTRACTOR AND GARAGE MANAGEMENT STAFF SHALL BE REQUIRED IN THE SCHEDULING AND SCHEDULING OF REPAIRS. MOVEMENT OF MATERIAL, CONSTRUCTION DEBRIS AND THE REORGANIZATION OF NEW WORK AREAS SHALL BE COORDINATED WITH THE GARAGE MANAGEMENT STAFF. TRAFFIC CONTROL DEVICES, CONES AND OTHER APPROPRIATE MEASURES NECESSARY TO RESOLVE TRAFFIC BLOCKAGE AND TO PROVIDE SAFE VEHICULAR PASSAGE THROUGH THE GARAGE AND TO PROVIDE SAFE PEDESTRIAN ACCESS SHALL BE PROVIDED. CONSTRUCTION PERMITS FROM APPROPRIATE AGENCIES.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL, STORAGE AND CONTINUED GARAGE OPERATION.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL, STORAGE AND REINSTALLATION OF EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT TO HIS WORK AREA (I.E. PLUMBING, ELECTRICAL, CONDUIT, ELECTRICAL FIXTURES, SIGNAGE, ETC). TEMPORARILY SUPPORTED AS REQUIRED.
9. THE CONTRACTOR SHALL INSTALL FULL HEIGHT PARTITIONS, AS REQUIRED, AROUND AND UNDER THE EXISTING CONCRETE DECK REPAIRS TO PREVENT UNAUTHORIZED ACCESS INTO THE WORK AREA. CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL REQUIREMENTS OF THE MASHO UNDER TRAFFIC SAFETY CODE AND OWNER/ENGINEER. RECORDS TO SAFETY, NOISE, AND OTHER CONSTRUCTION CONCERNS. CONTRACTOR SHALL BE EXPECTED TO COORDINATE HIS CONSTRUCTION ACTIVITIES WITH GARAGE OPERATIONS AND FACILITY TENANT'S RESPONSIBILITIES.
10. TEMPORARY LIGHTING AND/OR ELECTRICAL SERVICE TO EITHER THE WORK AREA OR REPAIRS SHALL BE PROVIDED BY THE CONTRACTOR. LIGHTING SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE PROVIDED AT ALL TIMES DURING ALL PHASES OF THE WORK.

PREVENTATIVE MAINTENANCE AND REPAIR- PHASE 3  
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LEGISLATIVE OFFICE BUILDING PARKING GARAGE  
HARTFORD, CONNECTICUT



R-2.3

LEVEL 2 1/2  
FLOOR PLAN

DRAWING NO.

NO. DATE BY

REVISIONS

DRAWING TITLE

DESIGNER

PROJECT NO.

DATE

SCALE: AS NOTED

PROJECT NO. 46-16163-0-2

DATE: APRIL 2016

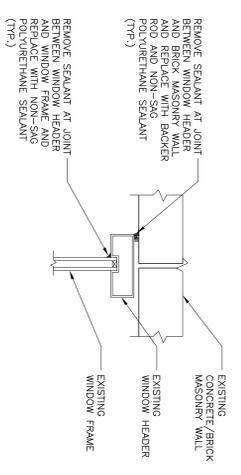
SCALE: AS NOTED

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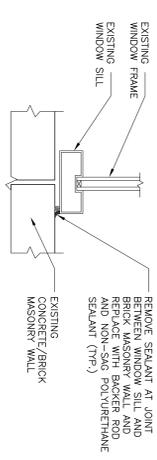




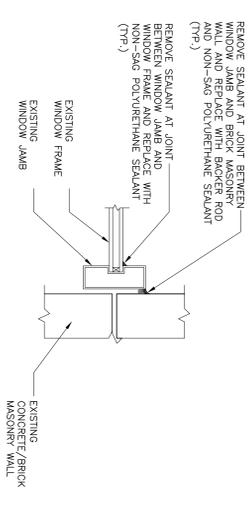




DETAIL A1: HEAD DETAIL

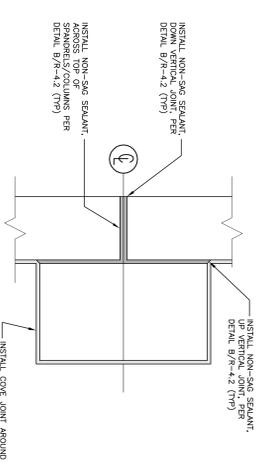


DETAIL A2: SILL DETAIL

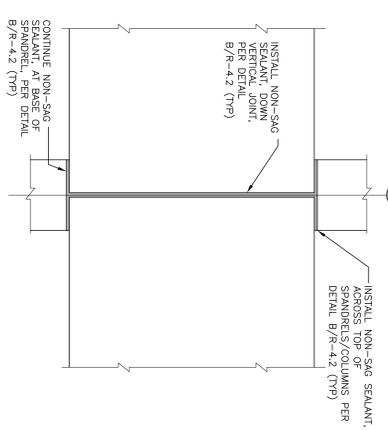


DETAIL A3: JAMB DETAIL

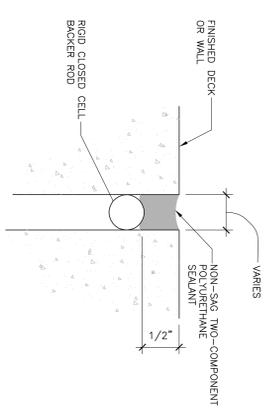
**C** WET-SEALING AT CURTAINWALL WINDOWS  
R-4.2 SCALE: N.T.S.



PARTIAL PLAN - SPANDBREL CONNECTION AT COLUMN  
SCALE: N.T.S.



**A** INSTALLATION OF SEALANT AT FACADE JOINTS  
R-4.2 SCALE: N.T.S.



**B** BACKER ROD & SEALANT INSTALLATION @ VERTICAL JOINTS  
R-4.2 SCALE: N.T.S.

PREVENTATIVE MAINTENANCE AND REPAIR- PHASE 3  
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HARTFORD, CONNECTICUT



DRAWING NO.		R-4.2	
SCALE: AS NOTED			
DATE: APRIL 2016			
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PROJECT NAME: KIDS			
K.O.S. K.O.S. K.O.S.			
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DRAWING TITLE WATERPROOFING SECTIONS AND DETAILS			
REVISIONS			
NO.	DATE	BY	