

**ADDENDUM NO. 5  
TO  
CONTRACT DRAWINGS AND SPECIFICATIONS  
Dated July 9, 2007**

**MAINE TURNPIKE AUTHORITY  
ADMINISTRATIVE BUILDING  
CONTRACT NO. 2007.07**

**A/E PROJECT NO. 06016**

**Date of Addendum Issuance: August 17, 2007**

The specifications and drawings are amended herein. This addendum consists of 4 pages of written text, revised Contractor Bid Form, revised pages 7 - 14 of Specification Section 02300, and Sketches ADD-5 C-1, A-1 and A-2. These items replace original items previously issued or are to be added to the Bidding and Construction Documents as indicated.

Bidders are required to acknowledge receipt of this addendum on the BID FORM in the space provided. Failure to acknowledge all addenda may cause the bid to be considered not responsive to the invitation, which would require rejection of the Bid.

The Contract Documents for solicitation of Bids for the construction are hereby changed as follows:

**PART I – PERTAINING TO THE SPECIFICATIONS:**

1. GENERAL CONTRACTOR BID FORM:
  - a. Delete in its entirety, and replace with the “GENERAL CONTRACTOR BID FORM” included herein.
  
2. Supplemental General Conditions:
  - a. 8.3.4: Add the following new sentence at the end of this paragraph: “Only in the event that weather conditions at the project site result in the declaration of a federal disaster by governing authorities, and those same weather events delay unavoidably the project’s critical path, will the owner consider general contractor claims for extensions of contract time and/or increases in contract sum to address general conditions for jobsite overhead.
  - b. 10.1.2, 10.1.3 & 10.1.4: Delete in its entirety, thereby restoring 10.1.2, 10.1.3 & 10.1.4 to the General Conditions of the Contract.
  
3. Section 02300 - Earthwork:
  - a. Delete paragraph 3.3, Pages 02300 7 through 14, in its entirety, and replace with 3.3, Pages 02300 7 through 14, attached.
  
4. Section 092900 – Gypsum Board:
  - a. 2.4, B., 1., b.: Delete Light Cove 1086 STR, and replace with Light Cove 1076.

**PART II – PERTAINING TO THE DRAWINGS:**

1. CG302 – UNDERDRAIN SOIL FILTER AND DETENTION POND PLANS AND DETAILS:
  - a. Add “SEPARATION DETAIL @ LEDGE” included herein as Sketch No. C-1.
2. AE102 – SECOND FLOOR PLAN:
  - a. Revise the swing of Door No. 238 as described on Sketch No. A-1 attached.
3. AE103 – THIRD FLOOR PLAN:
  - a. Revise the swing of Door No. 347 as described on Sketch No. A-2 attached.
4. EP602 – PANEL SCHEDULES:
  - a. Panelboard EPP2: 20 amp, 1 pole circuit “EPP2-20 CAMERA SYSTEM DVR & ENTRY” shall be renamed to “RECEPT, 236.”
5. EY101 – FIRST FLOOR SYSTEMS PLAN:
  - a. Revise Keyed Note 13 to read as follows: “Exterior CCTV Camera location recessed in canopy. furnish and install 4” square weatherproof junction box with ¾” conduit and pullstring stubbed to above accessible ceiling inside the building for use by owner’s CCTV contractor. Coordinate exact location and mounting with owner, architect and CCTV contractor.” This direction shall supercede all prior direction given in the bidding documents, including prior addendum.
  - b. Revise Keyed Note 17 to read as follows: “Interior wall mount CCTV Camera location. Furnish and install 4” square junction box with ¾” conduit and pullstring stubbed to above accessible ceiling for use by owner’s CCTV contractor. Coordinate exact location and mounting with owner, architect, and CCTV contractor.” This direction shall supercede all prior direction given in the bidding documents, including prior addendum.
6. EY102 – SECOND FLOOR SYSTEMS PLAN:
  - a. Revise Keyed Note 12 to read as follows: “Not Used.” Associated equipment location in Equipment Room #236 shall be removed. This direction shall supercede all prior direction given in the bidding documents, including prior addendum.
  - b. Revise Keyed Note 13 to read as follows: “Exterior CCTV Camera location recessed in canopy. Furnish and install 4” square weatherproof junction box with ¾” conduit and pullstring stubbed to above accessible ceiling inside the building for use by owner’s CCTV contractor. Coordinate exact location and mounting with owner, architect and CCTV contractor.” This direction shall supercede all prior direction given in the bidding documents, including prior addendum.
7. EY103 – THIRD FLOOR SYSTEMS PLAN:
  - a. Revise Keyed Note 12 to read as follows: “Exterior PTZ CCTV Camera arm mounted from building corner. Furnish and install 4” square weatherproof junction box with ¾” conduit and pullstring stubbed to above accessible ceiling inside the building for use by owner’s CCTV contractor. Coordinate exact location and mounting with owner, architect and CCTV contractor.” This direction shall supercede all prior direction given in the bidding documents, including prior addendum.
8. EY652 – SYSTEMS RISER DIAGRAMS:
  - a. a. A1: Remove entire CCTV Riser Diagram. Owner’s CCTV contractor shall be responsible for system configuration. This direction shall supercede all prior direction given in the bidding documents, including prior addendum.

**PART III- GENERAL INFORMATION RELATING TO THE PROJECT:**

These items provide supplemental information to the Contract.

Question 1: *"Please confirm that only the south side and a portion of the east side will receive below grade waterproofing using two-component latex rubber waterproofing product. The north and west sides do not appear to need waterproofing, since they are above grade. "*

Response: Yes, waterproofing is required below grade on both the south and east sides of the foundation. Waterproofing is also required on all four sides of the elevator pit, and below grade at all retaining walls.

Question 2: *Sheets AE601-603 and AF101-103: "Room 141 is noted on the Finish Schedule as receiving SDVCT while drawing AF101 shows VCT. Which is correct ? "*

Response: The Finish Schedule is correct.

Question 3: *Sheets AE601-603 and AF101-103: "Rooms 209 and 309 are noted on the Finish Schedule as receiving VCT while drawings AF102 and AF103 show carpet. Which is correct ?"*

Response: Rooms should receive carpet tile.

Question 4: *Sheets AE601-603 and AF101-103: "Room 242 is noted on the Finish Schedule as receiving VCT while drawing AF102 shows carpet. Which is correct ?"*

Response: Room should receive carpet.

Question 5: *Sheets AE601-603 and AF101-103: "Room 256 is noted on the Finish Schedule as receiving Stone while drawing AF102 shows carpet. Which is correct?"*

Response: The Finish Schedule is correct - Stone.

Question 6: *Sheets AE601-603 and AF101-103: "Break Room 154 is the only room for which a VCT pattern is shown. Correct to assume that all other areas will be one solid color?"*

Response: Yes.

Question 7: *"Partition tags are noted for Moisture Resistant and Abuse Resistant drywall but they do not appear on the layout plans. Correct to assume that neither of these products are used?"*

Response: Reference Section 092900, page 3 for descriptions of types of specialty gypsum board products required on the project, and for a description of the locations in which each product is to be installed.

Question 8: *"Section 3.18.5 indicates that Contractor shall not be entitled to any damages for delay caused by the Owner, the Architect or otherwise. Will the Contractor be allowed to collect extended general conditions for jobsite overhead if there is a delay on the project?"*

Response: No.

Question 9: *Article 6 significantly alters the parties' responsibilities in the event that the Owner employs a separate contractor on the Project. Does the Owner plan to employ a separate contractor?"*

Response: No, the owner does not anticipate employing separate contractors until after the scheduled date of substantial completion, after which the owner will employ separate contractors for security access control system installation, CCTV system installation, furnishings installation, and other work as the owner determines necessary for their beneficial use and occupancy of the building.

Question 10: *Am I correct to assume that coves shown in E1 & J4/AE505 are not ours.*

Response: The cove referenced is integral to the light fixture.

Question 11: *Section 088000-10, A., 3. mentions laminated glass as part of an insulating glass makeup. Where will laminated glass be used in the building?*

Response: All exterior windows and door glazing in Authority Room 310 with the exception of glass noted as Spandrel in Window Frame type A6, E1/AE621. All exterior windows in Office 346 and Conference 345, including the windows that are partially in Open Office 349 and 344.

Question 12: *Are fiberglass sandwich panel end walls required at the west, north and east peaked ends of the skylight assembly?*

Response: Reference A4/AE533.

**END OF ADDENDUM No. 5**

**GENERAL CONTRACTOR BID FORM**

**Maine Turnpike Authority Administration Building  
Portland, Maine**

To: Ms Susan Danforth  
Purchasing Manager  
Maine Turnpike Authority  
430 Riverside Street  
Portland, Maine 04103

From: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

1. The undersigned BIDDER agrees, if this Bid is accepted, to enter into an agreement with the Owner, in the form included in the Bidding Documents, to perform and furnish the Work as specified or indicated in the Bidding Documents for the Bid Price and within the Bid Times indicated in the Bid and in accordance with the other terms and conditions of the Contract Documents.

2. In submitting the Bid, BIDDER represents, as more fully set forth in the Agreement, that:
- . This Bid will remain subject to acceptance for 60 days after the Bid opening:
  - . This Bid is accompanied by a Bid Bond, submitted on the form provided by the Architect payable to the Owner in the amount of 5% of the Bid.
  - . The Owner has the right to reject this Bid:
  - . BIDDER will sign and submit the Agreement with other documents required by the Bidding Requirements, including 100% Contract Payment and Performance Bonds, within 15 days after the date of Notice of Award:
  - . BIDDER has examined copies of all the Bidding Documents:
  - . BIDDER has visited the site and become familiar with the general, local and site conditions:
  - . BIDDER is familiar with federal, state and local laws and regulations:
  - . BIDDER has correlated the information known to BIDDER, information and observations obtained from visits to the site, specifications and drawings identified in the Bidding Documents and additional examination, investigations, explorations, tests, studies and data with the Bidding Documents:
  - . BIDDER has received the following Addenda receipt of which is hereby acknowledged:

Date	Number
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

3. BIDDER will complete the Work in accordance with the Contract Documents for the following Lump Sum price:

\_\_\_\_\_ (\$ \_\_\_\_\_)

4. Unit Prices: The undersigned agrees to perform additional work as ordered or to allow for work ordered omitted in accordance with the following Unit Prices. Unit Prices will be applied to the net change in final quantities of work involved. The deduct price will be the same as the add.

- |     |  |          |
|-----|--|----------|
| 1.  | Excavation and backfill with excavated material -<br>per cubic yard (in place) - open.   | \$ _____ |
| 2.  | Excavation of material and removal from site -<br>per cubic yard - open.                 | \$ _____ |
| 3.  | Excavation and backfill with excavated material -<br>per cubic yard (in place) - trench. | \$ _____ |
| 4.  | Excavation of material and removal from site -<br>per cubic yard - trench.               | \$ _____ |
| 5.  | Rock excavation, including removal from site -<br>per cubic yard - open.                 | \$ _____ |
| 6.  | Rock excavation, including removal from site -<br>per cubic yard - trench.               | \$ _____ |
| 7.  | Granular borrow -<br>in place per cubic yard.  | \$ _____ |
| 8.  | Structural fill -<br>in place per cubic yard.  | \$ _____ |
| 9.  | Gravel base, Type A, in place - per cubic yard.  | \$ _____ |
| 10. | Gravel subbase, Type D, in place - per cubic yard.                                       | \$ _____ |
| 11. | Bituminous pavement – 9.5 mm HMA, compacted<br>in place - per 1" thick sq. yd.           | \$ _____ |
| 12. | Bituminous pavement – 12.5 mm HMA, compacted<br>in place – per 1" thick sq. yd.          | \$ _____ |

- 13. Bituminous pavement - 19 mm HMA, compacted  
in place - per 1" thick sq. yd. \$ \_\_\_\_\_
- 14. Type 1 vertical granite curb -  
in place per linear foot \$ \_\_\_\_\_
- 15. 3000 PSI concrete (including forms and stripping) -  
per cubic yard. \$ \_\_\_\_\_
- 16. Reinforcing - in place - per pound. \$ \_\_\_\_\_

5. The undersigned agrees to substantially complete the project on **November 21, 2008**, or within the equivalent number of calendar days if the start of the project work is delayed by the Owner beyond the start date, and fully and finally complete the project on **December 12, 2008**. It is agreed that time is of the essence of this contract and that I/we will, in the event of my/our failure to complete the Work on the date identified above, pay to Maine Turnpike Authority liquidated damages in the amount or amounts stated in the General and Supplemental Conditions of the Contract.

6. For the purpose of establishing the construction interval, the anticipated project start date is September 6, 2007.

This Bid may be withdrawn at any time prior to the scheduled time for the opening of Bids or any authorized postponement thereof.

The Owner reserves the right to reject this bid in the event that any items of the Bid Form are not complete.

Date \_\_\_\_\_ By: \_\_\_\_\_  
Title: \_\_\_\_\_  
\_\_\_\_\_

### 3.2 DEWATERING

- A. Prevent surface water and ground water from entering excavations, from ponding on prepared subgrades, and from flooding Project site and surrounding area.
- B. Protect subgrades from softening, undermining, washout, and damage by rain or water accumulation.
  - 1. Reroute surface water runoff away from excavated areas. Do not allow water to accumulate in excavations. Do not use excavated trenches as temporary drainage ditches.
  - 2. Install a dewatering system specified in Division 2 Section "Dewatering," to keep subgrades dry and convey ground water away from excavations. Maintain until dewatering is no longer required.

### 3.3 EXPLOSIVES

- A. Explosives: The use of explosives is permitted, however, prior to any blasting; the Contractor must submit a detailed blasting plan to the Architect at least three (3) weeks prior to commencing drilling and blasting operations. The blasting plan shall contain the following information:
  - 1. Site plan with location of nearest structures and abutters. Plan shall also show the location of all private wells;
  - 2. Plan of each blast showing hole spacing and delay pattern;
  - 3. Diameter and depth of each hole;
  - 4. Amount of explosive per hole;
  - 5. Total pounds of explosives per delay;
  - 6. Total amount of explosives per blast;
  - 7. Type of non-electric delays to be used;
  - 8. Amount of stemming in each hole;
  - 9. Type of explosive to be used;
  - 10. Soil and rock profile in blast zone;
  - 11. Scale distance to the nearest abutting structure;
  - 12. Type and location of seismograph to be used;
  - 13. Size of blasting mats and cover to be used; and,
  - 14. Safety precautions to be followed.



- B. After submission of the blasting plan, but prior to the start of the blasting program, the blasting Contractor shall meet with the Engineer, Maine Turnpike Authority officials, State Police (Turnpike Barracks), local police and fire officials, airport officials, **affected utility representatives, Nichols Portland manufacturing representatives, and other adjacent property owners**. The purpose of the meeting is to advise them of their blasting plan and schedule, accept feedback on the proposed plan, and coordinate the blasting effort.
- C. Should field conditions warrant a change in the general blasting plan, the blasting Contractor shall provide a sketch and blasting plan details based on the actual field conditions prior to the blast for inclusion in the Project records. **All blasts shall be coordinated with the manufacturing schedules of the Nichols Portland facility and other adjacent abutters with critical facilities, as determined in the pre-blast meeting.**
- D. The following general requirements are to be adhered to:
1. Blasting permits shall be obtained by the Contractor from all local, State and Federal agencies having jurisdictions. Blasting will not be authorized by the Architect without proper permits.
  2. The Contractor shall comply with all applicable laws, rules, ordinances, and regulations of the Federal Government, the State of Maine, and the City of Portland as well as the MDEP site law permit for this project, governing the transportation, storage, handling, and the use of explosives. All labor, materials, equipment, and services necessary to make the blasting operations comply with such requirements shall be provided at no additional costs to the Authority.
  3. The Contractor shall obtain and pay for all permits and licenses required to complete the work of this Section.
  4. In case of conflict between regulations or between regulations and Specifications, the Contractor shall comply with the strictest applicable codes, regulations or Specifications.
- E. Obtain the services of a qualified vibration and blasting expert to monitor the blasting. All seismographic instruments shall be capable of producing a permanent record of the information required to determine the particle velocity at any time during all phases of the blasting operation. A copy of all recording shall be furnished to the Authority within two (2) working days after a blast. Seismographic recordings shall be taken at the critical locations and additional instruments shall be furnished, located and operated as deemed necessary by the Resident.

The Portland Water District restricts the peak particle velocity of a blast to 1.25 inches per second within 50 feet of their pipeline. Seismic monitoring will be required on the Portland Water District waterline to demonstrate the calculated scale distance factors produce peak particle velocities less than the maximum allowable. The District has critical concerns regarding the protection of their pipeline from blasting operations and requests to be involved in all blasting coordination activity. The Contractor shall comply with this request.

Persons responsible for blasting shall be licensed blasters in the State of Maine and shall have had acceptable experience in similar excavations in rock and controlled blasting techniques.

- F. Non-electric detonation systems shall be used. Electric blasting caps will not be permitted.
  
- G. The Contractor shall conduct all blasting activity in such a manner that the peak particle velocity of ground vibration, measured at the locations of the nearest structures to the blast, does not exceed the "safe limits" recommended by the U.S. Bureau of Mines in FIGURE B of BUMINES RI 8507, as follows:

FIGURE B

BUMINES RI 8507

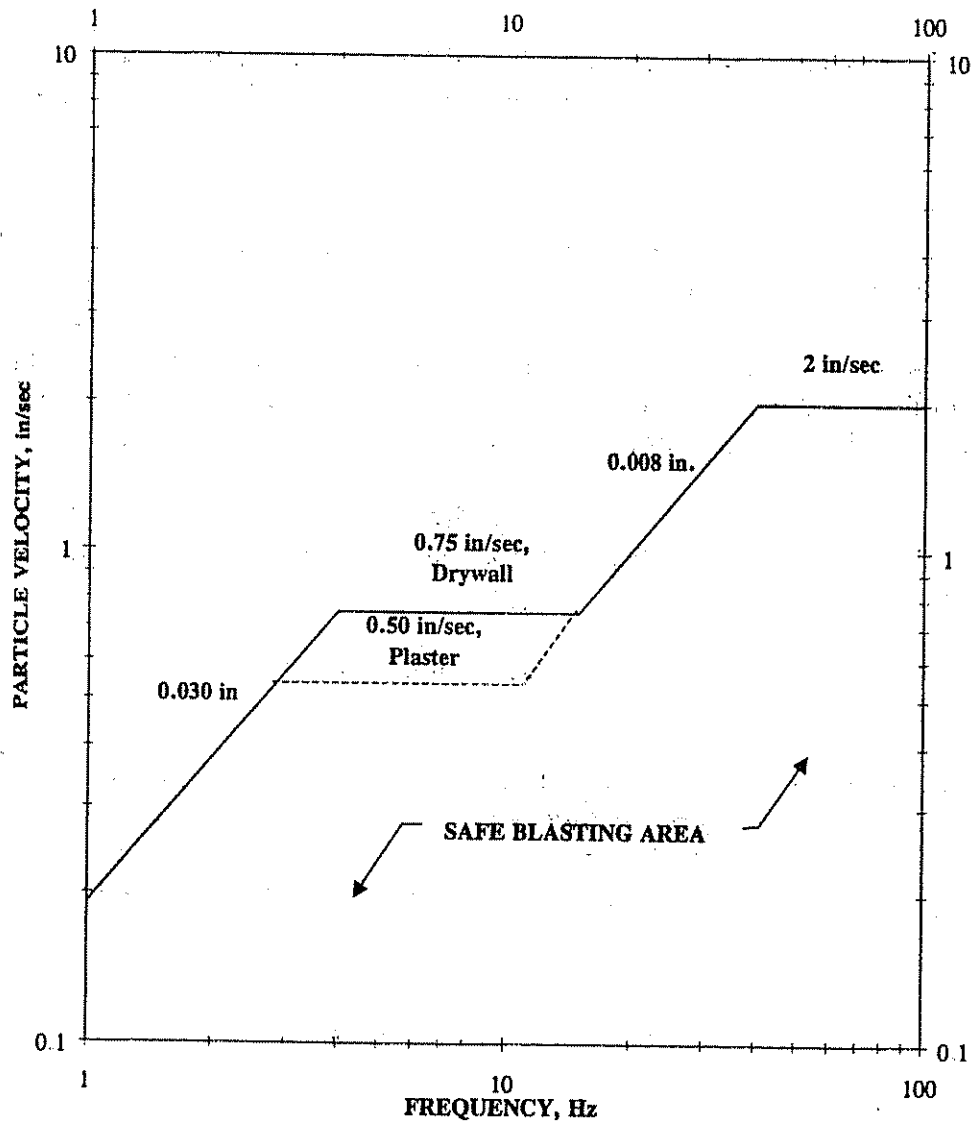


Figure B-1 - Safe levels of blasting vibration for houses using a combination of velocity and displacement

ALTERNATIVE BLASTING LEVEL CRITERIA

H. The Contractor shall conduct all blasting activity in such a manner that the peak airblast overpressure measured at the locations of the nearest above ground occupied structures to the blast (considering wind direction) **does not exceed those limits allowed by the Maine DEP Site Location Law Regulation, Chapter 375.10(C)(4)(c).**

I. Scaled distance factors permitted for various distances from blast:

<u>Distance from blast site (ft)</u>	<u>Scaled distance factor to be used without seismic monitoring (ft)</u>
0 to 300	50
300 to 5000	55
5000 and beyond	65

J. The Contractor shall advise the Architect at least five (5) working days in advance of the dates on which he proposes to perform blasting operations, providing an approximate hour for the Resident's approval. The Authority will provide police at the turnpike exit 46, who will stop traffic for the southbound off-ramp while the blast is detonated. The Contractor will be responsible for obtaining the necessary permits and police officials required to close all other local streets, including the Jetport Connector Road, during periods of blasting.

K. Safety Precautions

1. Clearing Danger Area Before Blasting - no blasting shall be permitted until **all** personnel in the danger area have been removed to a place of safety. A loud, audible warning system, devised and implemented by the Contractor, shall be sounded before each blast. The Contractor shall familiarize all personnel on the Project, Authority, Police Officers, Residents, and the general public with the implemented system. The danger area shall be patrolled before each blast to make certain that it has been completely cleared, and guards shall be stationed to prevent entry until the area has been cleared by the blaster following the blast.
2. Explosives shall be stored, handled and employed in accordance with Federal, State and local regulations.
3. No explosives, caps, detonators or fuses shall be stored on-site during non-working hours.
4. Blasting mats may be used to cover the top and vertical face of all blasts in order to minimize the possibility of excessive throw of rock. **The Contractor shall use sufficient stemming, matting, or natural protective cover to prevent flyrock from leaving the property owned by the Authority, nor entering a protected natural resource, however the use of blasting mats is not required.**

5. The Contractor is advised that the Authority's Maintenance Forces and State Police use two-way radios in the vicinity of the Project. These radios cannot be turned off during loading operations. Therefore, non-electric detonation systems shall be used. Electric blasting caps will *not* be permitted.
6. The Contractor shall be responsible for determining any other safety requirements unique to blasting operations at these particular sites so as not to endanger life, property, utility services, any existing or new construction, or any property adjacent to the site.
7. No requirements of, or omissions to, require any precautions under this Contract shall be deemed to limit or impair any responsibility or obligations assumed by the Contractor under or in connection with this Contract; and the Contractor shall at all times maintain adequate protection to safeguard the public and all persons engaged in the work, and shall take such precautions as will accomplish such end, without undue interference to the public. The Contractor shall be responsible for and pay for any damage to adjacent roadways, structures, or utilities resulting from work executed under this Section.
8. The Contractor is required to secure all travel ways, entrances and exits within 300 feet of the blast zone. No vehicles or pedestrians will be allowed within the 300 foot zone until the blast is complete, all potential and resulting debris is cleaned from the roadways, and the site is deemed safe by the Resident.

L. General Blasting Procedures

1. The time during which explosives may be restricted to non-peak travel periods. The use of explosives is not permitted on weekends (Saturday and Sunday), holidays, on the eve of a holiday, or during non-daylight hours unless approved in writing by the Resident. Specific allowable blasting times are outlined in the MDEP site law permit for this project. The Authority may withhold permission to blast if, in the opinion of the Authority, actual or anticipated traffic volumes will produce mainline/ramp, or local road congestion that cannot be cleared in a reasonable amount of time. The Contractor's blasting operations shall be performed using extreme care to minimize the inconvenience and interruption to traffic and damage to the existing pavement, structures and surrounding areas. In order to minimize traffic disruptions, the Contractor shall schedule blasting such that all disrupted traffic shall be cleared between any two successive blasts detonated anywhere on the project. The Contractor will be allowed as many mainline/ramp traffic stoppages as can be cleared in the designated blasting window, provided the blast schedule can be coordinated with the Jetport and local authorities.
2. The Contractor shall have sufficient equipment available at the site to clear the pavement of blast rock, if it is necessary.
3. The Contractor shall coordinate all blasting with the Architect on-site who shall determine in advance when the charges may be set. Permission to blast may be withheld by the MTA if, in the opinion of the MTA a scheduled "public" event will produce mainline/ramp or local road congestion that cannot be cleared in a reasonable amount of time

4. Blast hole diameter shall be no greater than three inches.
5. No free flowing, pourable or pumpable explosives shall be used unless approved by the Resident. All explosives shall be in cartridges or other semi-rigid container.
6. The Contractor shall submit to the Resident, for approval, a traffic control plan prior to blasting showing any proposed lane closures, shoulder closures and/or traffic stoppages. The plan shall be done in conformance with the latest version of the Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD). Blasting shall not commence until the Contractor's traffic control plan is approved. Mainline/ramp traffic control during blasting periods shall be in accordance with the approved plans. All temporary signage shall be removed when the daily blasting period is over. Traffic control signs shall meet the requirements of MaineDOT Standard Specifications, Section 652 and is incidental to the Contract. The setup and removal of the signs and coordination with the State Police, local Municipalities, and Jetport officials for blasting is also incidental.
7. Local traffic control during blasting periods shall be in accordance with MUTCD and local requirements. All temporary signage shall be removed when the daily blasting period is over. Local traffic control signs shall meet MUTCD requirements and will not be paid for separately, but will be incidental to the Contract. The setup and removal of the local traffic control signs; providing flaggers or local police officers (if required), and coordination with the local officials and Jetport officials for blasting will not be paid for separately, but will be incidental to the Contract.
8. The Contractor shall report to the Resident, in writing, all blasting complaints received by the Contractor within 24-hours of receipt. Each blast complaint report shall include the name and address of the complainant, time received, date and time of blast complained about, and a description of the circumstances which led to the complaint. Upon receipt of a written complaint alleging damage from the blasting, the Contractor's vibration and blasting consultant, and/or a representative of the blaster's insurance company shall investigate the claim and a written report shall be issued to the complainant with a copy to the Architect of the results of the investigation and the response of the Contractor. This written report shall be received by the complainant and Architect within 15 work days of receipt of the written complaint.
9. The maximum time for which traffic may be stopped at any single time shall be eight (8) minutes. The time shall be measured as the time between the time that the last car passes the Architect until the time the Architect determines that all travel lanes are cleared of blast debris. The Contractor shall reduce the size of the blast, change the design and method of the blast, use more mats, or otherwise alter the blasting so that the traffic is not stopped for more than eight minutes. If, due to the throw of rock onto the highway, or other blasting related activities, traffic is stopped for more than eight minutes, the Contractor shall pay a penalty of \$500.00 per minute for every minute traffic is stopped in excess of the eight minute limit.

M. Pre-Blast Condition Survey

1. The Contractor shall provide a pre-blast survey as described below:

- a. Prior to start of excavation (earth/rock) or blasting work, the Contractor shall conduct a pre-blast condition survey of all existing structures and conditions on the site, adjacent to the site, or in the vicinity of the site. This survey shall extend to such structures or conditions as may be affected by the Contractor's construction operations. As a minimum, condition surveys shall be performed on all structures within 500 feet of anticipated blasting areas. The Contractor is responsible for the following:
- 1) Coordinate activities, issue notices, obtain clearances and provide whatever photographic and secretarial assistance is necessary to accomplish the survey.
  - 2) Give notice, in writing, to the owner of the property concerned and tenants of the property. Advise in notice, the dates on which surveys are to be made so that they may have representatives present during the examination. Provide copies of all notices to the Resident.
  - 3) The survey shall consist of a description of the interior and exterior conditions of the various structures examined. Descriptions shall locate any existing cracks, damage, or other defects existing and shall include such information so as to make it possible to determine the effect, if any, of the construction operations on the defect. Where significant cracks or damage exist, or for defects too complicated to describe in words, photographs shall be taken and made part of the record.
  - 4) The survey shall include a test of all private wells in the area. Water quality tests shall be obtained so that a baseline condition may be developed.
  - 5) Contractor's record of the pre-blast condition survey shall consist of written documentation and photographs of the conditions identified, or a good quality videotape survey with appropriate audio description of conditions and defects. Prior to start of work, one copy of the Contractor's record of conditions survey shall be submitted to the Architect for review and retention.
  - 6) Upon completion of all excavation (earth/rock) and blasting work, the Contractor shall make an examination similar to the pre-construction survey of any properties, structures, and conditions where complaints of damage have been received or damage claims have been filed. Notice shall be given to all interested parties so that they may be present during the final examination. Records of the final examination shall be distributed the same as the original preconstruction survey.

N. Payment

1. No separate measurement or payment will be made for the work outlined in this Section including the detailed blasting program, pre-blast and post-blast surveys, blasting and permit acquisitions. All cost associated with this work shall be incidental to the Contract.

O. Indemnity

1. Notwithstanding full compliance with these Specifications, approval of blasting plan, and successful limitation to maximum peak particle velocity noted above, the Contractor shall be solely responsible for any damage, direct or indirect, arising from blasting and shall hold the Authority and Architect harmless from any costs, liens, charges, claims or suits, including the costs of defense, arising from such damage, real or alleged. The Authority shall be additionally-named insured on any insurance policy covering blasting carried by the Contractor, and this requirement shall also be enforced on any Subcontractor.

P. Jetport

1. All blasting shall meet the requirements of the Federal Aviation Administration's advisory circular AC5370-10A- Standards for Specifying Construction of Airports \ Part I - General Provisions \ Section 70 - Legal Regulations and Responsibility to Public \ 70-09 Use of Explosives.
2. All blasts shall be coordinated with the takeoff and departure schedule of the Portland Jetport to eliminate the possibility of fly rock hitting any airplane.
3. No explosives may be stored within 1000 feet of the Jetport glide path

Q. Portland Water District

1. The Contractor is made aware of the 42" water main in close proximity to the area of blasting. Requirements for the protection of the waterline are noted elsewhere in the contract.
2. Blasting of ledge for the installation of the waterline may have fractured the rock remaining adjacent to the pipe trench. Additional rock adjacent to the water main may have been removed as part of the water main installation. The Contractor is required to protect the water main during construction. In addition, the Contractor is required to construct any permanent construction that is required to protect the water main at the completion of construction. The Contractor shall plan his work accordingly. This work shall be completed at no additional cost to the Authority and shall be incidental to the Contract.

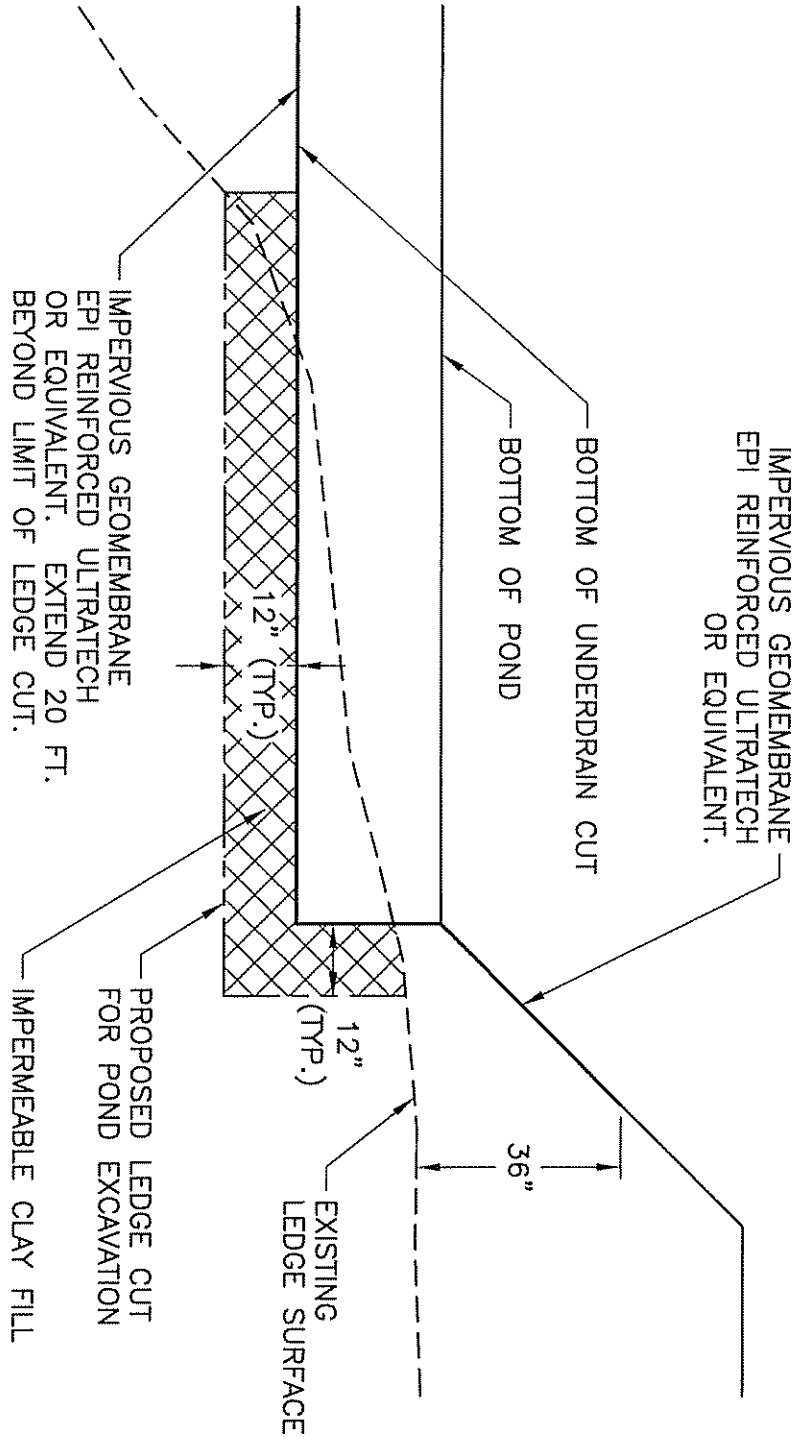
- R. The Resident's approval shall not relieve the Contractor of any responsibility for any hazards or damages related to this work. The use of explosives shall conform to all Federal and State laws and regulations. Explosives must not be stored within the turnpike right-of-way. Explosives shall be in the care of competent watchmen at all times, and placement and detonation shall be performed under the direction of a qualified blaster licensed in the State of Maine.



3.4 EXCAVATION, GENERAL

- A. Classified Excavation: Excavate to subgrade elevations. Material to be excavated will be classified as earth and rock. Do not excavate rock until it has been classified and cross sectioned by Architect. The Contract Sum will be adjusted for rock excavation according to

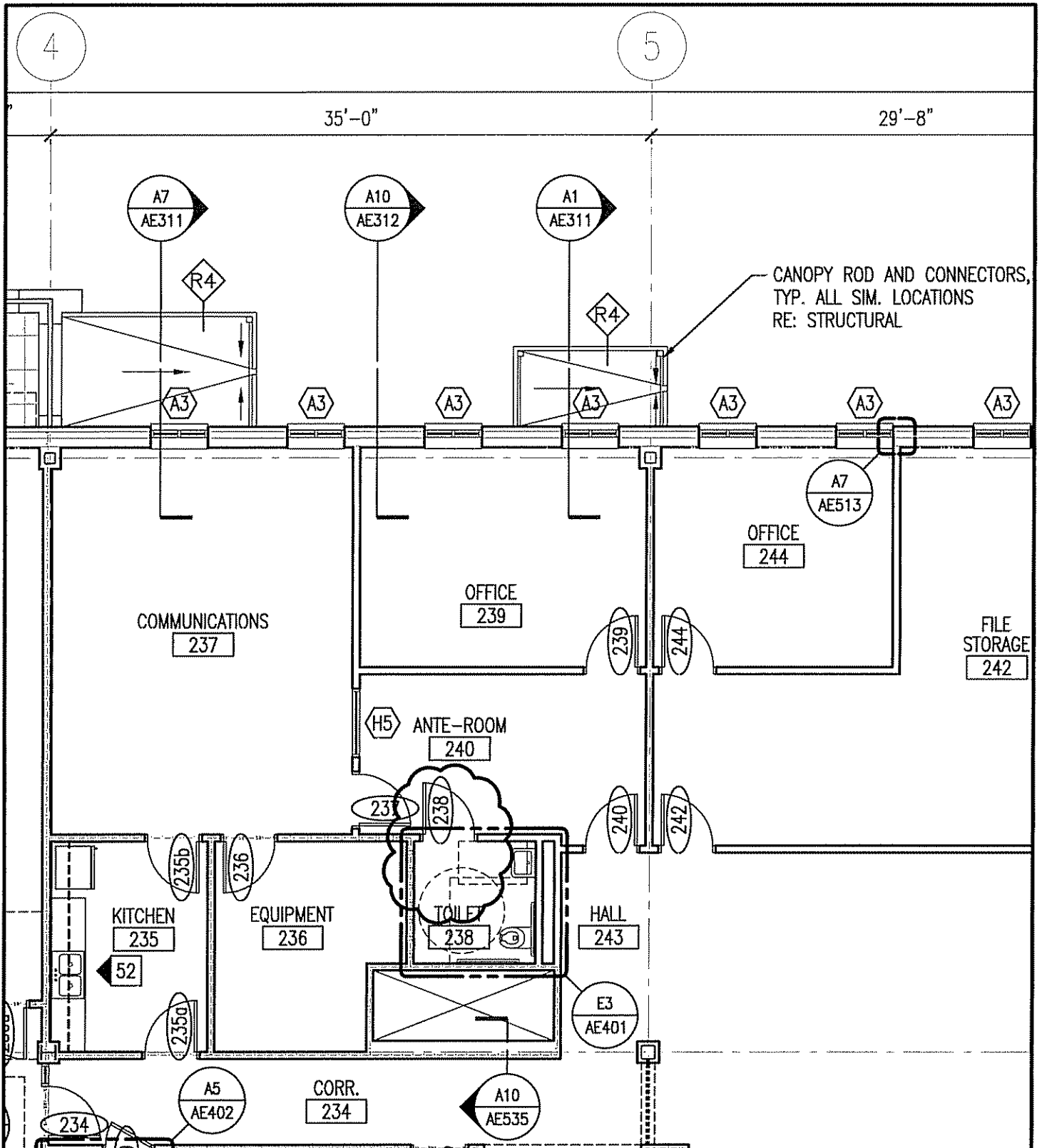
POND EXCAVATION IN LEDGE

NOTE: SEE NOTE 7 ON SHEET CG301 FOR ADDITIONAL INFORMATION.

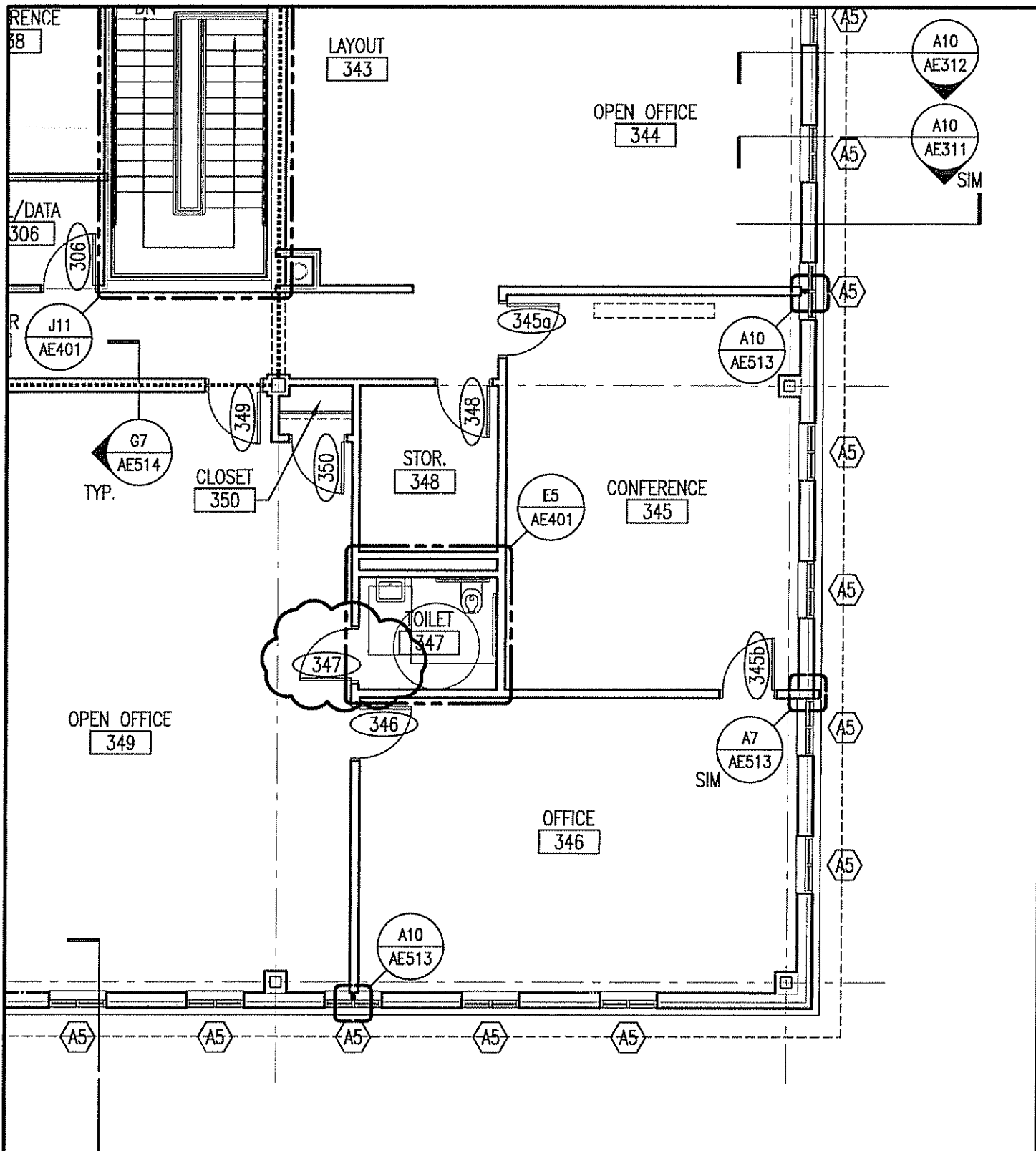


	ARCHITECTURE ENGINEERING PLANNING SMRT 144 Fore Street/P.O. Box 618 PORTLAND, MAINE 04104 tel. (207) 772-3846 / fax (207) 772-1070	 2 THOMAS DRIVE WESTBROOK, ME 04092	SCALE: NOT TO SCALE CAD FILE: CG302-06016 PROJECT No. 06016 REF. SHEET: CG302
	PROJECT: MAINE TURNPIKE AUTHORITY ADMINISTRATION BUILDING SUBJECT: ADDITIONAL DETAIL/CG302 SEPARATION DETAIL @ LEDGE	PM: RJD A/E: WRF DATE: 8-17-07	ADDENDUM No. <b>ADD-5</b> SKETCH No. <b>C-1</b>





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	SMRT 144 Fore Street/P.O.Box 618 PORTLAND, MAINE 04104 tel. (207) 772-3846 / fax. (207) 772-1070	CAD FILE: AE102-06016
PROJECT: MAINE TURNPIKE AUTHORITY ADMINISTRATION BUILDING		PROJECT No. 06016
SUBJECT: REVISED DOOR SWING AT TOILET 238 SECOND FLOOR PLAN		REF. SHEET: AE102
		PM: SLB
		A/E: SLB
		DATE: 8-17-07
		ADDENDUM No. <b>ADD-5</b>
		SKETCH No. <b>A-1</b>
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SCALE: 1/8"=1'-0"  
 CAD FILE: AE103-06016  
 PROJECT No. 06016  
 REF. SHEET: AE103

PROJECT: MAINE TURNPIKE AUTHORITY  
 ADMINISTRATION BUILDING  
 SUBJECT: REVISED DOOR SWING AT TOILET 347  
 THIRD FLOOR PLAN

PM: SLB  
 A/E: SLB  
 DATE: 8-17-07  
 ADDENDUM No. **ADD-5**  
 SKETCH No. **A-2**  
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