

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

| | | | |
|---------------------------|-----------------------|------------------|------------------|
| Location of Construction: | 358 Eastern Promenade | Owner Name: | City Of Portland |
| Business Name: | n/a | Contractor Name: | n/a |
| Lessee/Buyer's Name: | n/a | Phone: | n/a |

| | | | |
|-----------|------------------|---------------|--|
| Past Use: | Elementry School | Proposed Use: | Elementry School / Build new 74,000 sq. Ft. Elementry school. |
|-----------|------------------|---------------|--|

Proposed Project Description:
Build New 74,000 sq. Ft. Elementary school.

| | | | |
|------------------|----|-------------------|------------|
| Permit Taken By: | SS | Date Applied For: | 07/21/2004 |
|------------------|----|-------------------|------------|

- This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
- Building permits do not include plumbing, septic or electrical work.
- Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work.

| | | | |
|-------------|-------------|----------------|------------------|
| Permit No: | 04-1016 | Permit Issued: | FEB - 4 2005 |
| Issue Date: | | City: | CITY OF PORTLAND |
| CDL: | 008 A004001 | Phone: | |

| | | | |
|----------------|-----------------|---------------------|--------------|
| Owner Address: | 389 Congress St | Contractor Address: | n/a Portland |
| Permit Type: | Commercial | Zone: | R-3 |

| | | | | | |
|-------------|--|---------------|--------|---------------|---|
| Permit Fee: | | Cost of Work: | \$0.00 | CEO District: | 1 |
|-------------|--|---------------|--------|---------------|---|

| | | | |
|------------|---|-------------|--------------------------|
| FIRE DEPT: | <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied | INSPECTION: | Use Group: E/43 Type: 2c |
|------------|---|-------------|--------------------------|

| | | | |
|------------|--|------------|--------------------|
| Signature: | <i>[Signature]</i> | Signature: | <i>[Signature]</i> |
| Action: | <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied | Date: | |

Zoning Approval

| Special Zone or Reviews | Zoning Appeal | Historic Preservation |
|---|--|--|
| <input type="checkbox"/> Shoreland N/A <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input checked="" type="checkbox"/> Site Plan #2004-0024 Maj <input checked="" type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: 7/21/04 | <input checked="" type="checkbox"/> Variance Variance front setback is 15' instead of 25' <input checked="" type="checkbox"/> Miscellaneous to grant a variance from school steps or guardrail along edge of driveway <input type="checkbox"/> Interpretation Approved (both) 4/1/04 Denied both reports granted for signs | <input type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review Approved Approved w/Conditions Denied Denied Date: HURSTON |

CERTIFICATION


I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

| | | | |
|---|---------|------|-------|
| SIGNATURE OF APPLICANT | ADDRESS | DATE | PHONE |
| | | | |
| RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE | | DATE | PHONE |
| | | | |



Commercial Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

| | | | |
|---|------------------------|--|---|
| Location/Address of Construction: North Street, Eastern Promenade, Portland | | Square Footage of Lot 269,233 s.f./6.18 AC | |
| Total Square Footage of Proposed Structure 74,000 | | Telephone: 207-879-0300 | |
| Tax Assessor's Chart, Block & Lot Block# 008 Lot# 015 | Block# 005 Lot# 005 | Owner: City of Portland 389 Congress St., Portland, ME | Applicant name, address & telephone: Stephaen Blatt Architects 10 Danforth St, PO Box 583 Portland, ME 04112 207-761-5911 |
| Lessee/Buyer's Name (If Applicable) | | Cost Of Work: \$8,650,000 | Fee: \$ WAITED |
| Current Specific use: Elementary School | |  | |
| Proposed Specific use: Elementary School | | Project description: Construction of a new two story, 450 student Elementary School for kindergarten through 5th grade. | |
| Contractor's name, address & telephone: Not available as of this date. | | | |
| Who should we contact when the permit is ready: Joe Hemes | | | |
| Mailing address: Stephen Blatt Architects P.O. Box 583 DTS Portland, ME 04112-0583 Phone: 207-761-5911 | | | |

Please submit all of the information outlined in the Residential Application Checklist. Failure to do so will result in the automatic denial of your permit.

At the discretion of the Planning and Development Department, additional information may be required prior to permit approval. For further information stop by the Building Inspections office, room 315 City Hall or call 874-8703.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

| | |
|---|---------------|
| Signature of applicant:  | Date: 7.20.04 |
|---|---------------|

Permit Fee: \$30.00 for the first \$1000.00 Construction Cost, \$9.00 per additional \$1000.00 cost

This is not a Permit; you may not commence any work until the Permit is issued.



170 U.S. Route One
 Falmouth, Maine 04105
 Tel: 207.781.5242
 Fax: 207.781.4245

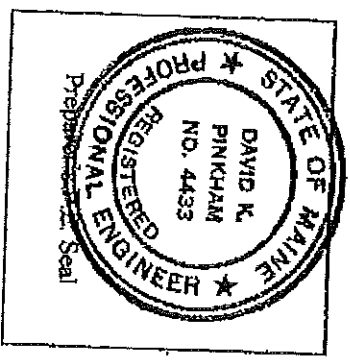
FINAL REPORT OF SPECIAL INSPECTIONS

PROJECT: East End Elementary School
 LOCATION: Portland, Maine
 PERMIT APPLICANT: City of Portland
 APPLICANT'S ADDRESS: 389 Congress St., Portland, Maine 04101
 STRUCTURAL ENGINEER OF RECORD: David K. Pinkham, P.E. NAME Pinkham & Greer Engineers FIRM
 ARCHITECT OF RECORD: Stephen Blatt, R.A. NAME Stephen Blatt Architects FIRM
 GENERAL CONTRACTOR: Ledgewood Construction

to the best of my information, knowledge, and belief, the Special Inspections required for this project, and described in the Statement of Special Inspections submitted for the project, have been completed, and all discrepancies noted during the project have been corrected.

Submitted By:
 Special Inspector

David K. Pinkham, P.E.
NAME
David K. Pinkham SIGNATURE 1.24.06 DATE



| SCHEDULE OF SPECIAL INSPECTION SERVICES | | | | | | | | |
|---|------------------------------------|--|----------------------------|--|----------------|--------------|----------------|--------|
| PROJECT: EAST END ELEMENTARY SCHOOL | | | PAGE 1 OF 5 Revision 1 | | | | | |
| MATERIAL / ACTIVITY | ITEM | SERVICE | APPLICABLE TO THIS PROJECT | | | | | |
| | | | Y/N | EXTENT (All, Sample, Other, None) | COMMENTS | AGENT # | DATE COMPLETED | REV. # |
| 1705.3 STEEL CONSTRUCTION | 1.00 | | | | | | | |
| Steel Fabrication | | In-plant review Part A - Fabrication procedures | N | | | | | |
| | | Part B - Procedures Implementation Review conformance to Part A | N | SER to determine extent after completion of Part A | | | | |
| | 1.01 | Review material certificates of compliance (structural steel & weld filler material) | Y | ALL | | 1,2, 3, OR 4 | | |
| | | Review connections | N | | | | | |
| | | Review welding of seismic-resisting system in Cat. "C" buildings | N | | | | | |
| Steel Erection | 1.02 | Review welder certification | Y | ALL | | 1,2, 3, OR 4 | | |
| | 1.03 | Review materials certificates of compliance (Bolts, nuts, washers, & weld filler material) | Y | ALL | | 1,2, 3, OR 4 | | |
| | | Review primary steel connections | | | | | | |
| | 1.04 | Field welded moment connections | Y | VISUAL, ALL, U.T. INITIAL SAMPLE 25% | | 6 | | |
| | 1.05 | Field welded shear connections | Y | VISUAL, ALL | | 6 | | |
| | 1.06 | Bracing connections | Y | VISUAL, ALL | | 6 | | |
| | | Review welded Cat. "C" seismic connections | N | | | | | |
| | | Review welded column splices | N | | | | | |
| | | Review base metal testing for "t" > 1 1/2" | N | | | | | |
| | | Review secondary steel connections | | | | | | |
| | | Girts | N | | | | | |
| | 1.07 | Steel deck | Y | VISUAL, ALL | | 6 | | |
| | 1.08 | Review installation of relieving angles | Y | VISUAL, INITIAL SAMPLE 10% | | 1,2, OR 3 | | |
| | Review installation of shear studs | N | | | | | | |
| 1.09 | Review Details / Steel Frame | Y | SAMPLE | | 1,2,3, 4, OR 6 | | | |

All Steel Construction Special Inspections have been completed in accordance with BOCA Section 1705.3

Special Inspector: *David K. Pritchard* Date: *1-24-06*

SCHEDULE OF SPECIAL INSPECTION SERVICES

PROJECT: EAST END ELEMENTARY SCHOOL

PAGE 2 OF 5 Revision 1

| MATERIAL / ACTIVITY | ITEM | SERVICE | APPLICABLE TO THIS PROJECT | | | | | | |
|--|------|--|----------------------------|------------------------------------|--|------------|----------------|--------|--|
| | | | Y/N | EXTENT (All, Sample, Other, None) | COMMENTS | AGENT # | DATE COMPLETED | REV. # | |
| 1705.3 STEEL CONSTRUCTION (CONTINUED) | 1.00 | | | | | | | | |
| Steel Joist & Joist Girder Fabrication | | In-plant review Part A - Fabrication procedures | N | | Unless excepted by 1705.2 review fabrication Q/A procedures per 1705.2 | | | | |
| | | Part B - Procedures implementation Review conformance to Part A | N | | SER to determine extent after completion of Part A | | | | |
| | 1.10 | Review material certificates of compliance (structural steel & weld filler material) | Y | ALL | | 1,2,3,OR 4 | | | |
| | | Review connections | N | | | | | | |
| Steel Joist & Joist Girder Erection | 1.11 | Review welder certification | Y | ALL | | 1,2,3,OR 4 | | | |
| | 1.12 | Review joist bearing connection | Y | SAMPLE (INITIAL SAMPLE 25%) VISUAL | | 6 | | | |
| | 1.13 | Review joist bearing length | Y | SAMPLE (INITIAL SAMPLE 25%) VISUAL | | 6 | | | |
| | 1.14 | Review joist bridging | Y | SAMPLE (INITIAL SAMPLE 25%) VISUAL | | 6 | | | |
| | | | | | | | | | |
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All Steel Construction Special Inspections have been completed in accordance with BOCA Section 1705.3 Special Inspector *David V. Pinkham* 1.24.06

MAY 30 06 (WED) 10:12 COMMUNICATION No: 6 PAGE 4

| SCHEDULE OF SPECIAL INSPECTION SERVICES | | | | | | | | |
|---|--------------------|--|----------------------------|-----------------------------------|---|-------------------|----------------------|--------|
| PROJECT: EAST END ELEMENTARY SCHOOL | | | PAGE 3 OF 5 Revision 1 | | | | | |
| MATERIAL/ACTIVITY | ITEM | SERVICE | APPLICABLE TO THIS PROJECT | | | | | |
| | | | Y/N | EXTENT (All, Sample, Other, None) | COMMENTS | AGENT # | DATE COMPLETED | REV. # |
| 1705.3 CONCRETE CONSTRUCTION | 2.00 | | | | | | | |
| Concrete Materials | 2.01 | Review materials (ACI Chapter 3) | Y | ALL | | 3, OR 4 | | |
| | 2.02 | Review mix design (ACI Chapter 4) | Y | ALL | | 3, OR 4 | | |
| Placing Reinforcement | | Review reinforcing certification & weldability (ASTM A 706) if required | N | | | | | |
| | 2.03 | Review condition & placement of reinforcing and prestressing steel (ACI 318 7.4-7.7) | Y | SAMPLE | | 1, 2, 3, OR 4 | | |
| Formwork | | Review welding of reinforcing in Cat "C" seismic-resisting systems | N | | | | | |
| | | Review formwork (ACI 318 6.1) | N | | | | | |
| Concrete Operations | | Review form removal & reshoring (ACI 318 6.2) | N | | | | | |
| | 2.04 | Sample and test Ready-Mix Concrete for strength, slump, air-content and temperature | Y | | 1) 3 test cylinders per day per type of concrete or per 100 cubic yards placed per type of concrete. 2) Slump, Air, and Temperature: Every Truck | 5 | At tailgate of truck | |
| | 2.05 | Review concrete strength tests (ACI 318 5.6) | Y | ALL | | 1, 2, 3, OR 4 & 5 | | |
| | 2.06 | Review concrete placement (ACI 318 5.9 & 5.10) | Y | SAMPLE | | 1, 2, 3, OR 4 | | |
| Prestressing Operations | 2.07 | Review curing technique & temperature (ACI 318 5.11, 5.12, & 5.13) | Y | SAMPLE | | 1, 2, 3, OR 4 | | |
| | | Review application of prestressing force (ACI 318 18.18) | N | | | | | |
| Precast Manufacturing | | Review grouting of bonded prestressing tendons in Cat "C" seismic-resisting systems | N | | | | | |
| | | In-plant review Part A - Fabrication procedures | N | | | | | |
| Erection of Precast Concrete | | Part B- Procedures Implementation Review conformaoc to Part A | N | | | | | |
| | | Review erection of precast units | N | | | | | |
| | | Review key reinforcement | N | | | | | |
| | | Review key grouting | N | | | | | |
| | | Review concrete topping | N | | | | | |
| | Review connections | N | | | | | | |

All Steel Construction Special Inspections have been completed in accordance with BOCA Section 1705.3 Special Inspector: *David K. Pinkham* 1-24-06

MAY 30 06 (WED) 10:12 COMMUNICATION No: 6 PAGE 5

| SCHEDULE OF SPECIAL INSPECTION SERVICES | | | | | | | | | |
|---|----------------------|--|---|-----------------------------------|----------|---------|-----------------|------------------|--|
| PROJECT: EAST END ELEMENTARY SCHOOL | | | | PAGE 4 OF 5 Revision 1 | | | | | |
| MATERIAL/ACTIVITY | ITEM | SERVICE | APPLICABLE TO THIS PROJECT | | | | | | |
| | | | Y/N | EXTENT (All, Sample, Other, None) | COMMENTS | AGENT # | DATE COMPLETED | REV. # | |
| 1705.5 MASONRY CONSTRUCTION | 3.00 | | | | | | | | |
| Masonry Materials | 3.01 | Review materials certification Masonry units Reinforcing steel | Y | ALL | | | 1,2,3, OR 4 | | |
| | 3.02 | Review grout materials & mix design | Y | ALL | | | 1,2,3, OR 4 | | |
| | 3.03 | Review mortar materials & mix design | Y | ALL | | | 1,2,3, OR 4 | | |
| | | Review strength determination Unit strength method. Review unit strengths & grout, mortar mixes | N | | | | | | |
| | | Review strength method. Review pre-construction test results. Field tests during construction. | N | | | | | | |
| | 3.04 | Grout testing Determine compressive strength | Y | SAMPLE | | | 5 | | |
| | | Mortar testing Field test compressive strength ASTM C780 (Reqd. only if property reqs of ASTM C270 are used) | N | | | | | | |
| | General Masonry work | 3.05 | Review mortar mix proportions & mixing (ACI 530.1; 2.3.2.5) | Y | SAMPLE | | | 1,2,3,4, OR 5 | |
| 3.06 | | Review grout mix proportions & mixing (ACI 530.1; 4.2.2) | Y | SAMPLE | | | 1,2,3,4 OR 5 | | |
| 3.07 | | Review general installation of mortar, grout, masonry units. (ACI 530.1; 2.3.3.3, 4.3.3) | Y | SAMPLE | | | 1,2,3, OR 4 | | |
| 3.08 | | Review installation of horiz., vert., & joint reinforcing (incl. Location, sizes, splices, & positioning devices) (ACI 530, Ch. 8) | Y | SAMPLE | | | 1,2,3, OR 4 | | |
| 3.09 | | Review hot/cold weather procedures (ACI 530.1; 2.3.2.2, 2.3.2.3) | Y | ALL | | | 1,2, 3, OR 4 | | |
| 3.10 | | Review installation of anchorage and bracing devices (ACI 530; 4.2, 5.14) | Y | SAMPLE | | | 1,2, 3, OR 3 | | |
| 3.11 | | Review installation of lintels | Y | SAMPLE | | | 1,2, 3, OR 4 | | |
| | | Review welding of reinf., grouting, consolidation and reconsolidation for seismic Cat. "C" buildings | | | | | | | |

All Steel Construction Special Inspections have been completed in accordance with BOCA Section 1705.3 Special Inspector *David K. Pinkham* Date *1-24-06*

| SCHEDULE OF SPECIAL INSPECTION SERVICES | | | | | | | | | |
|---|------|--|----------------------------|-----------------------------------|---|---------|--|----------------|--------|
| PROJECT: EAST END ELEMENTARY SCHOOL | | | PAGE 5 OF 5 Revision 1 | | | | | | |
| MATERIAL/ACTIVITY | ITEM | SERVICE | APPLICABLE TO THIS PROJECT | | | | | DATE COMPLETED | REV. # |
| | | | Y/N | EXTENT (All, Sample, Other, None) | COMMENTS | AGENT # | | | |
| 1705.7 PREPARED FILL | 4.00 | | | | | | | | |
| Site Preparation | 4.01 | Review site preparation prior to prepared fill placement | Y | ALL | Summit Engineering onsite during site prep. and fill placement. Will include any reports from Summit Geotechnical engineering | 5 | | | |
| During Fill Placement | 4.02 | Review compliance to soils report Material | Y | SAMPLE | Summit Engineering onsite during site prep. and fill placement. Will include any reports from Summit Geotechnical engineering | 5 | | | |
| | | Lift thickness | N | | | | | | |
| Evaluation of In-Place Density | 4.03 | Review in-place dry density for compliance with soils report | Y | SAMPLE | Summit Engineering onsite during site prep. and fill placement. Will include any reports from Summit Geotechnical engineering | 5 | | | |

All Steel Construction Special Inspections have been completed in accordance with BOCA Section 1705.3

Special Inspector *David L. Pritchard* 1.24.06

SEAM

Structural Engineering Association of Maine

STATEMENT OF SPECIAL INSPECTIONS

PROJECT: East End Elementary School
LOCATION: Portland, Maine
PERMIT APPLICANT: City of Portland
APPLICANT'S ADDRESS: 389 Congress Street Portland, ME 04101

STRUCTURAL ENGINEER OF RECORD: David K. Pinkham, P.E. Pinkham & Greer Engineers
NAME FIRM

ARCHITECT OF RECORD: Stephen J. Blatt, R.A. Stephen Blatt Architects
NAME FIRM

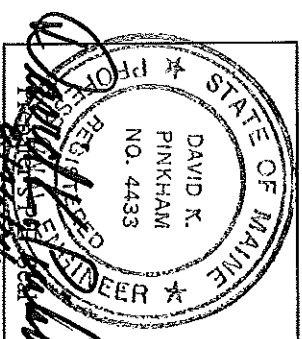
This Statement of Special Inspections is submitted in accordance with Section 1705.0 of the 1999 BOCA National Building Code. It includes a listing of special inspections applicable to this project as well as the name of the Special Inspector, and the names of other agencies intended to be retained for conducting these inspections.

The Special Inspector shall keep records of all inspections listed herein, and shall furnish inspection reports to the Code Official and to the Registered Design Professional of Record. All discrepancies shall be brought to the immediate attention of the Contractor for correction. If the discrepancies are not corrected the discrepancies shall be brought to the attention of the Code Official and to the Registered Design Professional of Record. Interim reports shall be submitted to the Code Official and to the Registered Design Professional of Record monthly, unless more frequent submissions are requested by the Code Official.

Job site safety is solely the responsibility of the Contractor. Materials and activities to be inspected are not to include the Contractor's equipment and methods used to erect or install the materials listed.

Prepared By:

David K. Pinkham, P.E.
David K. Pinkham 8/26/04
NAME SIGNATURE DATE



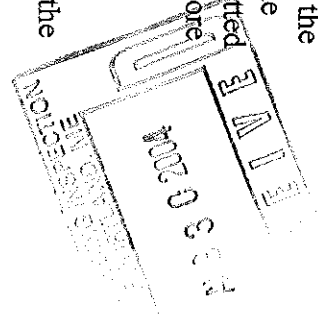
Applicant's Authorization: _____

Stephen Blatt 8.30.04
SIGNATURE DATE

Building Code Official: _____

SIGNATURE DATE

8 A 4



SCHEDULE OF SPECIAL INSPECTION SERVICES

PROJECT: EAST END ELEMENTARY SCHOOL

PAGE 1 OF 4

| MATERIAL / ACTIVITY | ITEM | SERVICE | APPLICABLE TO THIS PROJECT | | | | | | |
|----------------------------------|------------------------------------|--|----------------------------|--------------------------------------|--|-------------|----------------|--------|--|
| | | | Y/N | EXTENT (All, Sample, Other, None) | COMMENTS | AGENT # | DATE COMPLETED | REV. # | |
| 1705.3 STEEL CONSTRUCTION | 1.00 | | | | | | | | |
| Steel Fabrication | | In-plant review Part A - Fabrication procedures | N | | | | | | |
| | | Part B - Procedures implementation Review conformance to Part A | N | | SER to determine extent after completion of Part A | | | | |
| | 1.01 | Review material certificates of compliance (structural steel & weld filler material) | Y | ALL | | 1,2,3, OR 4 | | | |
| | | Review connections | N | | | | | | |
| | | Review welding of seismic-resisting system in Cat. "C" buildings | N | | | | | | |
| Steel Erection | 1.02 | Review welder certification | Y | ALL | | 1,2,3, OR 4 | | | |
| | 1.03 | Review materials certificates of compliance (Bolts, nuts, washers, & weld filler material) | Y | ALL | | 1,2,3, OR 4 | | | |
| | | Review primary steel connections | | | | | | | |
| | 1.04 | Field welded moment connections | Y | VISUAL, ALL, U.T. INITIAL SAMPLE 25% | | 6 | | | |
| | 1.05 | Field welded shear connections | Y | VISUAL, ALL | | 6 | | | |
| | 1.06 | Bracing connections | Y | VISUAL, ALL | | 6 | | | |
| | | Review welded Cat. "C" seismic connections | N | | | | | | |
| | | Review welded column splices | N | | | | | | |
| | | Review base metal testing for "t" > 1 1/2" | N | | | | | | |
| | | Review secondary steel connections | | | | | | | |
| | | Girts | N | | | | | | |
| | 1.07 | Steel deck | Y | VISUAL, ALL | | 6 | | | |
| | 1.08 | Review installation of relieving angles | Y | VISUAL, INITIAL SAMPLE 10% | | 1,2, OR 3 | | | |
| | Review installation of shear studs | N | | | | | | | |
| 1.09 | Review Details / Steel Frame | Y | SAMPLE | | 1,2,3,4, OR 6 | | | | |

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 AUG 30 2011

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All Steel Construction Special Inspections have been completed in accordance with BOCA Section 1705.3 Special Inspector _____ Date _____

SCHEDULE OF SPECIAL INSPECTION SERVICES

PROJECT: EAST END ELEMENTARY SCHOOL

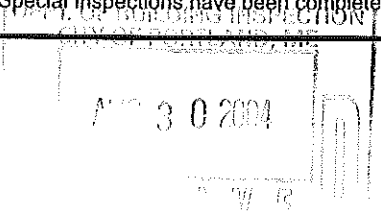
PAGE 2 OF 4

APPLICABLE TO THIS PROJECT

| MATERIAL / ACTIVITY | ITEM | SERVICE | Y/N | EXTENT (All, Sample, Other, None) | COMMENTS | AGENT # | DATE COMPLETED | REV. # |
|--|------|--|-----|------------------------------------|--|--------------|----------------|--------|
| 1705.3 STEEL CONSTRUCTION (CONTINUED) | 1.00 | | | | | | | |
| Steel Joist & Joist Girder Fabrication | | In-plant review Part A - Fabrication procedures | N | | Unless excepted by 1705.2 review fabrication Q/A procedures per 1705.2 | | | |
| | | Part B - Procedures implementation Review conformance to Part A | N | | SER to determine extent after completion of Part A | | | |
| | 1.10 | Review material certificates of compliance (structural steel & weld filler material) | Y | ALL | | 1,2, 3, OR 4 | | |
| | | Review connections | N | | | | | |
| Steel Joist & Joist Girder Erection | 1.11 | Review welder certification | Y | ALL | | 1,2, 3, OR 4 | | |
| | 1.12 | Review joist bearing connection | Y | SAMPLE (INITIAL SAMPLE 25%) VISUAL | | 6 | | |
| | 1.13 | Review joist bearing length | Y | SAMPLE (INITIAL SAMPLE 25%) VISUAL | | 6 | | |
| | 1.14 | Review joist bridging | Y | SAMPLE (INITIAL SAMPLE 25%) VISUAL | | 6 | | |
| | | | | | | | | |

All Steel Construction Special Inspections have been completed in accordance with BOCA Section 1705.3 Special Inspector _____ Date _____

844



SCHEDULE OF SPECIAL INSPECTION SERVICES

PROJECT: EAST END ELEMENTARY SCHOOL

PAGE 3 OF 4

APPLICABLE TO THIS PROJECT

| MATERIAL/ACTIVITY | ITEM | SERVICE | APPLICABLE TO THIS PROJECT | | | | | | |
|-------------------------------------|-------------|--|----------------------------|-----------------------------------|----------|------------------|----------------|--------|--|
| | | | Y/N | EXTENT (All, Sample, Other, None) | COMMENTS | AGENT # | DATE COMPLETED | REV. # | |
| 1705.4 CONCRETE CONSTRUCTION | 2.00 | | | | | | | | |
| Concrete Materials | 2.01 | Review materials (ACI Chapter 3) | Y | ALL | | 1,2, 3, OR 4 | | | |
| | 2.02 | Review mix design (ACI Chapter 4) | Y | ALL | | 1,2, 3, OR 4 | | | |
| | | Review reinforcing certification & weldability (ASTM A 706) if required | N | | | | | | |
| Placing Reinforcement | 2.03 | Review condition & placement of reinforcing and prestressing steel (ACI 318 7.4-7.7) | Y | SAMPLE | | 1,2, 3, OR 4 | | | |
| | | Review welding of reinforcing in Cat "C" seismic-resisting systems | N | | | | | | |
| Formwork | | Review formwork (ACI 318 6.1) | N | | | | | | |
| | | Review form removal & reshoring (ACI 318 6.2) | N | | | | | | |
| Concrete Operations | 2.04 | Review concrete strength tests (ACI 318 5.6) | Y | ALL | | 1,2, 3, OR 4 & 5 | | | |
| | | Review mix proportions and technique (ACI 318 5.2, 5.3, 5.4, & 5.8) | N | | | | | | |
| | 2.05 | Review concrete placement (ACI 318 5.9 & 5.10) | Y | SAMPLE | | 1,2, 3, OR 4 | | | |
| | 2.06 | Review curing technique & temperature (ACI 318 5.11, 5.12, & 5.13) | Y | SAMPLE | | 1,2, 3, OR 4 | | | |
| Prestressing Operations | | Review application of prestressing force (ACI 318 18.18) | N | | | | | | |
| | | Review grouting of bonded prestressing tendons in Cat. "C" seismic-resisting systems | N | | | | | | |
| Precast Manufacturing | | In-plant review Part A - Fabrication procedures | N | | | | | | |
| | | Part B- Procedures implementation Review conformance to Part A | N | | | | | | |
| Erection of Precast Concrete | | Review erection of precast units | N | | | | | | |
| | | Review key reinforcement | N | | | | | | |
| | | Review key grouting | N | | | | | | |
| | | Review concrete topping | N | | | | | | |
| | | Review connections | N | | | | | | |

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8
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All Steel Construction Special Inspections have been completed in accordance with BOCA Section 1705.3

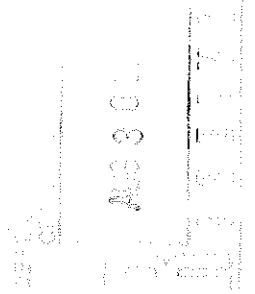
Special Inspector _____ Date _____

APPLICABLE TO THIS PROJECT

| MATERIAL/ACTIVITY | ITEM | SERVICE | Y/N | EXTENT (All, Sample, Other, None) | COMMENTS | AGENT # | DATE COMPLETED | REV. # |
|-------------------|------|---------|-----|-----------------------------------|----------|---------|----------------|--------|
|-------------------|------|---------|-----|-----------------------------------|----------|---------|----------------|--------|

| | | | | | | | | |
|-------------------|--|---|--------|--------|----------------|------------------|--|--|
| Masonry Materials | 3.00 | 1705.5 MASONRY CONSTRUCTION | | | | | | |
| Masonry Materials | 3.01 | Review materials certification Masonry units Reinforcing steel | Y | ALL | | 1,2,3, OR 4 | | |
| | 3.02 | Review grout materials & mix design | Y | ALL | | 1,2,3, OR 4 | | |
| | 3.03 | Review mortar materials & mix design | Y | ALL | | 1,2,3, OR 4 | | |
| | | Review strength determination Unit strength method. Review unit strengths & grout, mortar mixes | N | | | | | |
| | | Review strength method. Review pre- construction test results. Field tests during construction. | N | | | | | |
| | 3.04 | Determine compressive strength Grout testing Mortar testing Field test compressive strength ASTM C780 (Reqd. only if property reqs of ASTM C270 are used) | Y | SAMPLE | | 5 | | |
| | 3.05 | Review mortar mix proportions & mixing (ACI 530.1; 2.3.2.5) | Y | SAMPLE | | 1,2,3,4, OR 5 | | |
| | 3.06 | Review general installation of mortar, grout, masonry units. (ACI 530.1; | Y | SAMPLE | | 1,2,3, OR 4 | | |
| | 3.07 | Review installation of horiz., vert., & joint reinforcing (incl. Location, sizes, splices, & positioning devices) (ACI 530,Ch.8) | Y | SAMPLE | | 1,2,3, OR 4 | | |
| | 3.08 | Review hot/cold weather procedures (ACI 530.1; 2.3.2.2, 2.3.2.3) | Y | ALL | | 1,2, 3,OR 4 | | |
| 3.09 | Review installation of anchorage and bracing devices (ACI 530; 4.2, 5, 14) | Y | SAMPLE | | 1,2, 3,OR 3 | | | |
| 3.10 | Review installation of lintels | Y | SAMPLE | | 1,2, 3,OR 4 | | | |
| 3.11 | Review welding of reinf., grouting, consolidation and reconsolidation for seismic Cal. "C" buildings | Y | SAMPLE | | | | | |

General Masonry work



JAMES R. BAY
No. 10000
State of California
License No. 10000

All Steel Construction Special Inspections have been completed in accordance with BOCA Section 1705.3 Special Inspector _____ Date _____



CITY OF PORTLAND
BUILDING CODE CERTIFICATE
389 Congress St., Room 315
Portland, Maine 04101

ACCESSIBILITY CERTIFICATE

Designer: Stephen Blatt Architects

Address of Project: North Street, Portland, ME

Nature of Project: East End Elementary School

RECEIVED
AUG 24 2004

The technical submissions covering the proposed construction work as described above have been designed in compliance with applicable referenced standards found in the Maine Human Rights Law and Federal Americans with Disability Act.

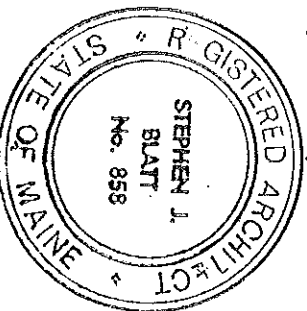
Signature: *Stephen Blatt*

Title: President

Firm: Stephen Blatt Architects

Address: 10 Danforth Street, Portland

Phone: 207-761-5911



(SEAL)

8A4

SEAM

Structural Engineering Association of Maine

LIST OF AGENTS

PROJECT: East End Elementary School

STRUCTURAL ENGINEER OF RECORD: David K. Pinkham, P.E. Pinkham & Greer Engineers

170 U.S. Route One, Falmouth, Maine 04105
ADDRESS

NAME

FIRM

ARCHITECT OF RECORD:

Stephen J. Blatt, R.A. Stephen Blatt Architects

NAME

FIRM

10 Danforth St., Portland, Maine 04101
ADDRESS

Following is the List of Agents selected for performance of Special Inspections for this project.

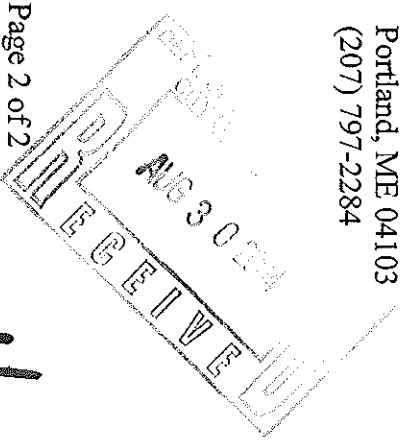
| | <u>Name</u> | <u>Firm</u> |
|-----------------------|--------------------------|---|
| 1. Special Inspector | David K. Pinkham, P.E. | Pinkham & Greer |
| 2. Special Inspector | James A. Moran III, P.E. | Pinkham & Greer |
| 3. Special Inspector | Timothy S. Dean, P.E. | Pinkham & Greer |
| 4. Special Inspector | Kenneth I. Marsh | Pinkham & Greer |
| 5. Testing Laboratory | | Summit Geoen지니어링 640 Main Street Lewiston, ME 04204 (207) 795-6009 |

6. Testing Laboratory

Elite Inspection Services
220 Industrial Way
Portland, ME 04103
(207) 797-2284

3/15/94

8A4



BUILDING PERMIT INSPECTION PROCEDURES


Please call 874-8703 or 874-8693 to schedule your inspections as agreed upon

Permits expire in 6 months, if the project is not started or ceases for 6 months.

The Owner or their designee is required to notify the inspections office for the following inspections and provide adequate notice. Notice must be called in 48-72 hours in advance in order to schedule an inspection:


By initialzing at each inspection time, you are agreeing that you understand the inspection procedure and additional fees from a "Stop Work Order" and "Stop Work Order Release" will be incurred if the procedure is not followed as stated below.


A Pre-construction Meeting will take place upon receipt of your building permit.

 Footing/Building Location Inspection: Prior to pouring concrete

 Re-Bar Schedule Inspection: Prior to pouring concrete

 Foundation Inspection: Prior to placing ANY backfill

 Framing/Rough Plumbing/Electrical: Prior to any insulating or drywalling

 Final/Certificate of Occupancy: Prior to any occupancy of the structure or use. NOTE: There is a \$75.00 fee per inspection at this point.

Certificate of Occupancy is not required for certain projects. Your inspector can advise you if your project requires a Certificate of Occupancy. All projects DO require a final inspection

~~NOTE~~ If any of the inspections do not occur, the project cannot go on to the next phase, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

~~NOTE~~ CERTIFICATE OF OCCUPANCIES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED

 Signature of Applicant/Designee 2/8/05 Date

 Signature of Inspections Official 02/04/05 Date

CBL 008A004 Building Permit #: 041616



CITY OF PORTLAND
BUILDING CODE CERTIFICATE
389 Congress St., Room 315
Portland, Maine 04101

TO: Inspector of Buildings City of Portland, Maine
Department of Planning & Urban Development
Division of Housing & Community Service

FROM: Stephen Blatt Architects

RE: Certificate of Design

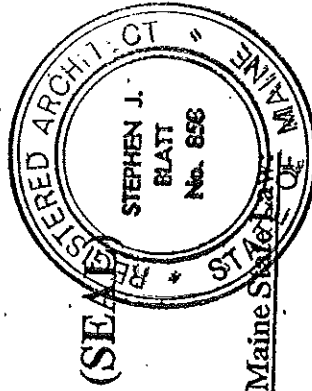
DATE: _____

These plans and / or specifications covering construction work on:

East End Elementary School

North Street, Portland, ME

Have been designed and drawn up by the undersigned, a Maine registered Architect / Engineer according to the BOCA National Building Code / 1999 (Fourteenth Edition) and local amendments.



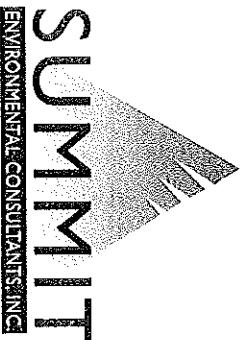
Signature: Stephen Blatt
Title: President

As per Maine State Law: Firm: Stephen Blatt Architects

\$50,000.00 or more in new construction, repair expansion, addition, or modification for Building or Structures, shall be prepared by a registered design Professional.

Address: 10 Danforth Street, Portland

8A41



August 3, 2004
Summit #4497

DeLuca Hoffman Associates, Inc.
ATTN: Bill Hoffman
778 Main Street
South Portland, Maine 04106

Reference: Building Demolition Backfill Testing
East End School, Portland, Maine

Dear Bill:

Summit has completed our observations and testing of the backfill placed and compacted in the former school footprint after the building was demolished. This letter and the attachments are intended to serve as documentation regarding the condition of the site after completion of the demolition and prior to start of construction for the new building.

Our services included performing laboratory tests on the proposed backfill (concrete and brick demolitions debris and compacted granular fill), observing the removal of rubble within the building footprint, including the former footing trenches, and performing in-place density tests on the demolition backfill. Our work is summarized in the attachments, which include:

- Daily field reports with backup
- Laboratory test results
- Construction meeting memorandums.

Demolition backfilling began on June 10, 2004. Summit obtained samples from the crushed brick and concrete stockpiles for laboratory testing. The results of the grain size analyses and Modified proctor tests are attached.

Summit performed observations and testing of the backfill on a periodic basis between June 23 and July 9, 2004. The footing trenches for the former school were excavated down to the bottom of footing grade and backfilled with Crushed Concrete and Brick. Initially the compaction test results were low due to the frequency of voids in the Crushed Concrete. We recommended that an observational approach be taken, whereby observations of the lift thickness and rolling pattern were made to confirm that sufficient density was obtained. Beginning July 1, 2004, a Granular fill soil (Modified Proctor sample #4497-3) was used as backfill, when the crushed concrete was expended. In-place density tests on this material exceeded 95%.

640 MAIN STREET ▲ LEWISTON, MAINE 04240 ▲ TEL: (207) 795-6009 ▲ FAX: (207) 795-6128
8 HARLOW STREET, SUITE 4A ▲ BANGOR, MAINE 04401 ▲ TEL: (207) 262-9040 ▲ FAX: (207) 262-9080
PO BOX 4698 ▲ AUGUSTA, MAINE 04330 ▲ TEL: (207) 621-8334 ▲ FAX: (207) 626-9094

LETTER OF TRANSMITTAL
11/24/2004

TO: Mike Nugent, City of Portland - Code Enforcement Office
Anita LaChance, City of Portland
Steve Doel, Bennett Engineering
Tom McArdle, TJM Consulting
RE: East End Elementary

We are sending you: Enclosed Under separate cover via _____ the following:

| | | | | | |
|-------------------------------------|----------------|-------------------------------------|-------------------------|--|----------------|
| <input checked="" type="checkbox"/> | Shop drawings | <input checked="" type="checkbox"/> | Change Order No. 1 | | R.F.P. No(s) |
| | Plans | | Field Report | | R.F.I. No(s) |
| | Prints | | Concrete Testing Report | | Copy of Letter |
| | Specifications | | Other: | | |

| COPIES | DESCRIPTION |
|--------|-------------------------|
| 1 | Set: Full Size Drawings |
| 1 | Change Order #1 |
| | |
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| | |

THESE ARE TRANSMITTED as checked below:

| | For Signature | | Approved as Submitted | | Revise & Resubmit for Approval |
|-------------------------------------|------------------------|--|-----------------------|--|---|
| <input checked="" type="checkbox"/> | For Your Use | | Approved as Noted | | Approval Submit _____ copies for Distribution |
| | As Requested | | Furnish as Corrected | | Reviewed |
| | For Review and Comment | | For Bids Due | | |

REMARKS:

10 Danforth Street
Post Office Box
583 DTS
Portland, Maine
04112-0583
Voice: 207.761.5911
Fax: 207.761.2105
Email: sba@sbarchitects.com

COPY: _____ file _____ SIGNED: Joe Hennes _____

C-6, C-7 AND C-10

CHANGE: The grades and layout of the ramp to the loading dock on the northwest corner of the building have been revised as shown on SK-C-1, attached.

A1.1 GROUND FLOOR PLAN NORTH

CHANGE: Loading Dock ramp configuration per attached ASK-1.

A1.3 SECOND FLOOR PLAN NORTH

ADD: '12/A/7.3' to empty plan detail key at column lines U/B/1/20.

A1.4 SECOND FLOOR PLAN SOUTH – ROOM FINISH SCHEDULE

ADD: note '& metal nosings' to remarks column at Room Finish Schedule Key 3 and 4.
ADD: note 'Provide metal nosings at stair treads' to General Room Finish Note #14.

A1.5 REFLECTED CEILING PLAN GROUND FLOOR NORTH

CHANGE: Ceiling height at Rm. No. 306 Adult Stacks from 10'-6" to 12'-0"
CHANGE: Ceiling grid at lower portion of Rm. No. 104 Office Lobby, near benches, from 2'-0" x 4'-0" to 2'-0" x 2'-0"
CHANGE: Ceiling grid at Rm. No. 101 Vestibule from 2'-0" x 4'-0" to 2'-0" x 2'-0"
CHANGE: Ceiling grid at Rm. No. 158 Vestibule from 2'-0" x 4'-0" to 2'-0" x 2'-0"

A1.7 REFLECTED CEILING PLAN SECOND FLOOR NORTH

CHANGE: Ceiling height at Rm. No. 202 Lit. Book Storage from 9'-0" to 8'-0"

A1.11 PLAN DETAILS

ADD: Note 'Masonry control joint typical for outside corner at angled walls – see Building Elevations'

A2.1 BUILDING ELEVATIONS

CHANGE: Elevations 7/A/2.1 and 10/A/2.1 per attached ASK-7.

A2.2 BUILDING ELEVATIONS

CHANGE: Elevations 23/A/2.2 and 27/A/2.1 per attached ASK-8.

A2.4 WINDOW SCHEDULE & DETAILS

ADD: Note 'Provide sash travel limiter hardware' to window type JJ2 remarks column.

A3.1 WALL SECTIONS

CHANGE: Note at perimeter drain from 'Slope to daylight – see fdn. plan' to 'Slope to catch basin – see fdn. plan & civil dwgs., typical'
CHANGE: Room number of Fourth Grade Classroom from 226 to 227 at Wall Section 3/A/3.1
ADD: Building Section Notes per attached ASK-3.

A3.4 WALL SECTIONS

CHANGE: note at wall section 15/A/3.4 from '6" reinforced conc. Slab – see struct. Dwgs.' to 'Reinforced conc. slab is part of footing – see struct. Dwgs.'

A3.5 WALL SECTIONS

CHANGE: Note with two arrows reading 'Type 1 CMU veneer' to 'Cavity drainage material' at Chimney Plan Detail 18A/A3.5.

CHANGE: Door sill detail key from 18/A7.2 to 37/A1.14 at Wall Section 16/A3.5.

A3.8 WALL SECTIONS

ADD: Note 'Type 2' to CMU veneer above exterior door on Wall Section 27/A3.8

A3.10 WALL SECTIONS

CHANGE: note at Partial Wall Section 34C/A3.10 from 'T.S. 3x3x1/4' to 'T.S. 5x5x1/2.

A3.11 WALL SECTIONS

CHANGE: note at Wall Sections 37/A3.11 & 38/A3.11 from '6" reinforced conc. Slab – see struct. Dwgs.' to 'Reinforced conc. slab is part of footing – see struct. Dwgs.'.

A5.2 INTERIOR ELEVATIONS OFFICES

CHANGE: Interior Elevation 1/A1.4 per attached ASK-4.

A5.7 INTERIOR ELEVATIONS OT/PT, STAFF, LOBBY, MISC.

ADD: BS2 and Grip Strip to Room No. 122 Reading Recovery per attached ASK-5.

CHANGE: Width of Whiteboard at Room Nos. 140 & 230 per attached ASK-5.

A5.10 INTERIOR ELEVATIONS TOILET ROOMS LOCKER ROOMS

ADD: Sanitary napkin disposal per attached ASK-6.

A5.11 INTERIOR ELEVATIONS TOILET ROOMS

ADD: Sanitary napkin disposal per attached ASK-6.

A7.1 DOOR SCHEDULE; DOOR & FRAME ELEV.; MISC. OPENINGS

CHANGE: jamb detail key from '9A' to '12A' at storefront frame type E

CHANGE: head detail key from '12A' to '6A' at storefront frame type E

ADD: the note 'similar' to mullion detail 17A/A7.3 at storefront frame type E

End of Addendum.

MAINE CONSTRUCTION BID DEPOSITORY
(PUBLIC SCHOOL PROJECTS)
PROPOSAL FORM FOR DIVISION 2 SUBCONTRACTORS
LONG FORM

To: _____

(For green envelope copy, list any general contractor(s) excluded from your bid)

PROJECT: East End Elementary School

SECTION(S) QUOTED: Division 2 Work

PRICE QUOTED: _____ \$ _____
(numerals and in writing)

A. The undersigned proposes to furnish all labor and materials required for completing in accordance with the hereinafter described plans, specifications, general conditions and addenda, all the work specified in the above stated sections(s) of the specifications and contract drawings dated July 15, 2004 prepared by Stephen Blatt Architects and being all Division 2 work of the project as shown on Drawings C-1 to C-32 and NS-C-1 to NS-C-15 and other Division 2 work required by the Contract Documents and Drawings.

B. Alternate prices are submitted as follows: (Complete bid forms and provide alternate bid and unit prices on attached pages).

- Alternate No. 1 Retaining Wall/Edge of Ballfield (See attached page 3). \$ _____
- Alternate No. 7 Upgrade of Curb (See attached page 3). \$ _____
- Alternate No. 9 Sidewalk Upgrades (See attached page 4). \$ _____
- Alternate No. 10 Athletic Field Turf Drainage (See attached page 4). \$ _____
- Alternate No. 11 Landscape and Site Improvements (See attached page 5). \$ _____
- Alternate No. 13 Additional Overlay on Public Streets (See attached page 5). \$ _____

C. The subcontract proposal includes the following addenda to the drawings and specifications:
(List Addenda and Issue Date of Each)

D. The undersigned agrees that, if he is selected as a Subcontractor, he will executed with the selected General Contractor a Subcontract in accordance with the terms of this Subproposal, and furnish the General Contractor with a 100% Performance Bond and a 100% Payment Bond for this portion of the Work.

E.

_____ (Firm Name of Subbidder) _____ License # (if applicable) _____

Signed by: _____ Date _____

Address: _____

Street _____ City _____ State _____ Zip _____

F. All foreign corporations intending to do business in Maine must comply with the provisions of 13A M.R.S.A., Chapter 12 and shall contact the Secretary of State for compliance.

Note to General Contractors:

The General Contractor shall use the bid prices from this form and apply any markup to the subcontractor price. The General Contractor's markup shall be determined by the Owner from the General Contractor's bid price divided by the Division Two Subcontractor price. This markup shall be used when any complete or any portion of the bid alternate is selected.

BID ALTERNATE 1: Retaining wall along the edge of Ballfield: This bid alternate is a lump sum alternate. The credit lump sum price for this alternate is as follows:

| ITEM | DESCRIPTION | UNIT PRICE (in numerals) | UNIT | QUANTITY | PRICE (in numerals) |
|---|---|-----------------------------|----------|----------|----------------------------------|
| 1A | Delete Modular Block Retaining Wall and grade the site as shown on the alternate. | | Lump Sum | 1 | |
| TOTAL PROJECTION FOR BID ALTERNATE 1 | | | | | TOTAL PRICE (in numerals) |

NOTES:

- The total price (item 1A) is the amount to be entered on page 1 of the bid form for Bid Alternate 1.

BID ALTERNATE 7: Upgrade of Bituminous Curb to Granite Curb: This bid alternate is a unit price alternate. The following unit prices and bid prices determined by extension shall be summed to determine the bid price for this alternate.

| ITEM | DESCRIPTION | UNIT PRICE (in numerals) | UNIT | QUANTITY | PRICE (in numerals) |
|---|---|-----------------------------|-------------|----------------------------------|------------------------|
| 7A | Upgrade of Bituminous Concrete to Type 1 Straight Vertical Granite Curb (MDOT specifications). | | Linear Foot | 20 | |
| 7B | Upgrade of Bituminous Concrete to Type 1 Circular (MDOT specifications). | | Linear Foot | 10 | |
| 7C | Upgrade of Bituminous Concrete to Type 5 Sloped Granite Curb (MDOT specifications). | | Linear Foot | 400 | |
| 7D | Provide and install 6'-0" of Type 1 to Type 5 Transition Curb (MDOT specifications). | | Each | 5 | |
| 7E | Upgrade of Bituminous Concrete to Type 1 Vertical Granite Curb Inlet including upgrading the Precast Concrete Catch Basin to provide a 24 x 30 inch rectangular opening and revising the Catch Basin Frame from a Four Flange to a Three Flange Unit. | | Each | 2 | |
| TOTAL PROJECTION FOR BID ALTERNATE 7 | | | | TOTAL PRICE (in numerals) | |

NOTES:

- The total price (sum of Items 7A thru E) is the amount to be entered on page 1 of the bid form for Bid Alternate 7.

BID ALTERNATE 9: Sidewalk Upgrades: This bid alternate is a unit price alternate. The following unit prices and bid prices determined by extension shall be summed to determine the bid price for this alternate.

| ITEM | DESCRIPTION | UNIT PRICE (in numerals) | UNIT | QUANTITY | PRICE (in numerals) | |
|---|---|-----------------------------|-------------|----------|----------------------------------|--|
| 9A | Upgrade Sidewalks To Reinforced Concrete Cement Concrete Sidewalks | | Square Yard | 300 | | |
| 9B | Upgrade Sidewalks To Bituminous Concrete Sidewalks Constructed Of Concrete Pavers | | Square Foot | 3,500 | | |
| TOTAL PROJECTION FOR BID ALTERNATE 9 | | | | | TOTAL PRICE (in numerals) | |

NOTES:

- The total price (sum of Items 9A and 9B) is the amount to be entered on page 1 of the bid form for Bid Alternate 9.

BID ALTERNATE 10: Athletic Field Turf Drainage: This bid alternate is a unit price alternate. The following unit prices and bid prices determined by extension shall be summed to determine the bid price for this alternate.

| ITEM | DESCRIPTION | UNIT PRICE (in numerals) | UNIT | QUANTITY | PRICE (in numerals) | |
|--|--|-----------------------------|-------------|----------|----------------------------------|--|
| 10-A | Install Underdrain Below The Ballfield Including Cleanouts | | Linear Foot | 1010 | | |
| 10-B | Install Blanket Drain Below The Ballfield | | Cubic Yard | 1,250 | | |
| TOTAL PROJECTION FOR BID ALTERNATE 10 | | | | | TOTAL PRICE (in numerals) | |

NOTES:

- The total price (sum of Items 10A and 10B) is the amount to be entered on page 1 of the bid form for Bid Alternate 10.

BID ALTERNATE 11: Additional Landscaping and Improvements: This bid alternate is a lump sum alternate to provide and install the additional plantings labeled as Alternates (alt) on Drawing C-8. The following unit prices and bid prices determined by extension shall be summed to determine the bid price for this alternate.

The drawings indicate additional plantings (Drawing C-8). The base bid excludes these items.

| ITEM | DESCRIPTION | UNIT PRICE (in numerals) | UNIT | QUANTITY | PRICE (in numerals) |
|--|--|-----------------------------|----------|----------|----------------------------------|
| 11A | Additional Landscaping and Improvements (Drawing C-8). | | Lump Sum | 1 | |
| TOTAL PROJECTION FOR BID ALTERNATE 11 | | | | | TOTAL PRICE (in numerals) |

NOTES:

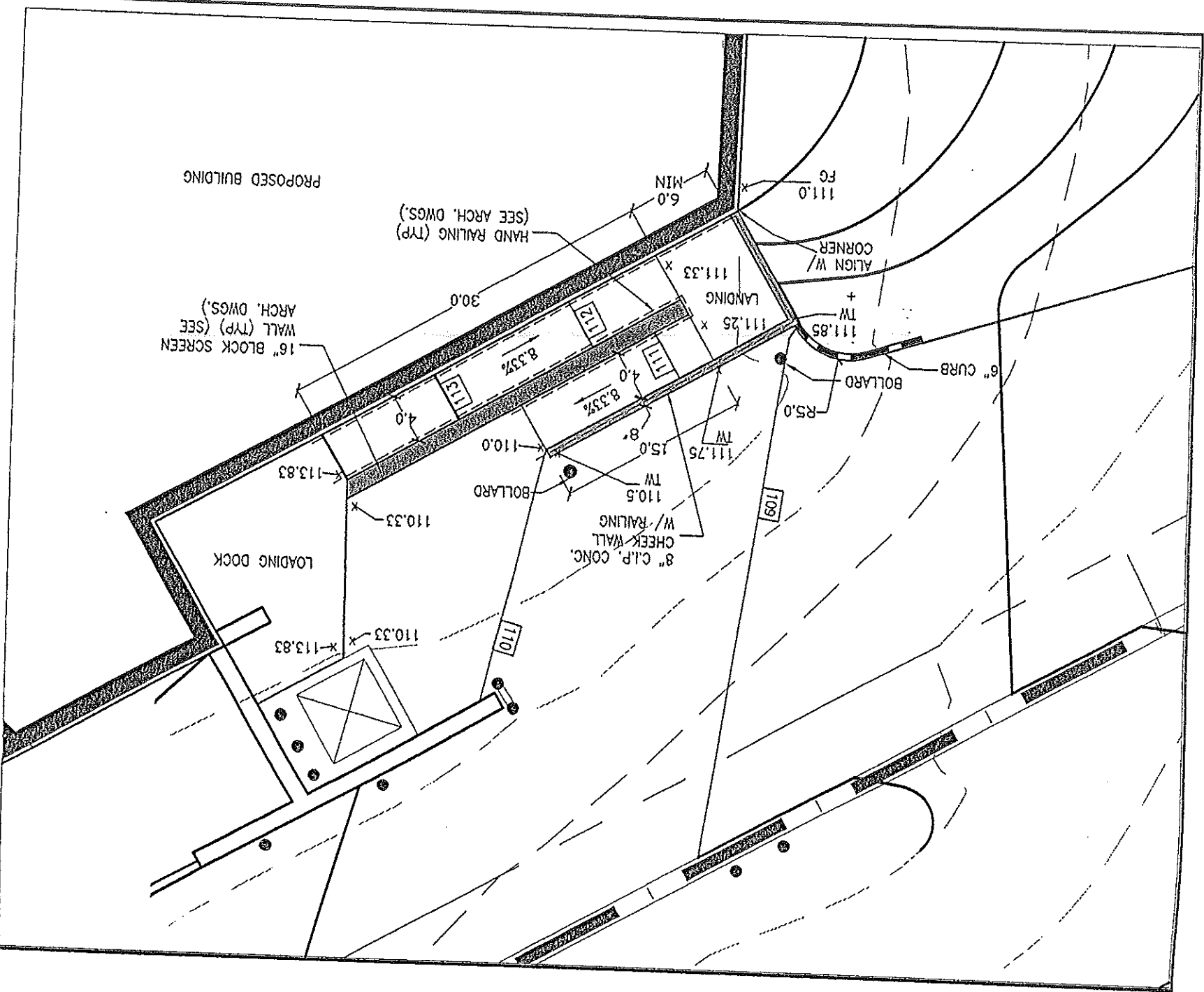
1. The total price (Item 11A) is the amount to be entered on page 1 of the bid form for Bid Alternate 11.

BID ALTERNATE 13: Additional Overlay on Public Streets: This bid alternate is a unit price alternate. The following unit prices and bid prices determined by extension shall be summed to determine the bid price for this alternate.

| ITEM | DESCRIPTION | UNIT PRICE (in numerals) | UNIT | QUANTITY | PRICE (in numerals) |
|--|--|-----------------------------|------|----------|----------------------------------|
| 13A | Provide additional overlay pavement on Public Streets. Per ton based upon certified truck slips. | | Ton | 250 | |
| 13B | Raise Existing Manhole and Catch Basin Castings. | | Each | 14 | |
| TOTAL PROJECTION FOR BID ALTERNATE 13 | | | | | TOTAL PRICE (in numerals) |

NOTES:

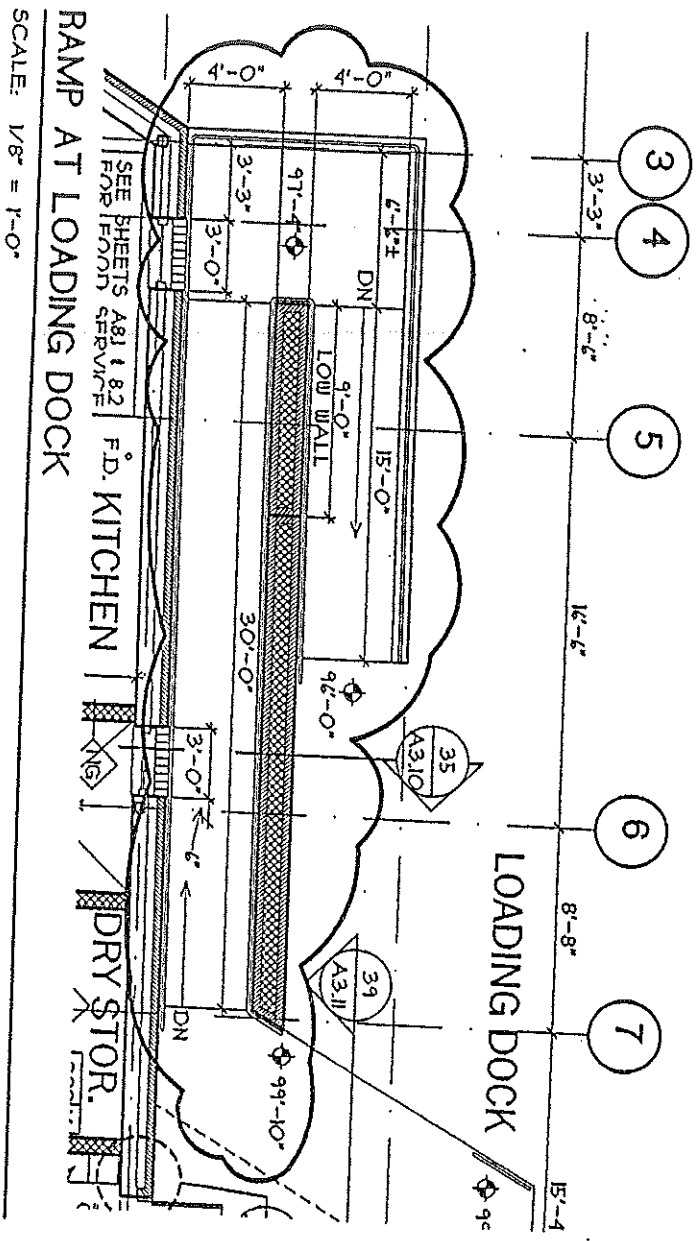
1. The total price (sum of Items 13A and 13B) is the amount to be entered on page 1 of the bid form for Bid Alternate 13.



PROJECT: EAST END SCHOOL
 DRAWING TITLE: REVISED SERVICE AREA & LOADING DOCK

DATE: AUGUST 3, 2004
 SCALE: 1" = 10'

CARROLL ASSOCIATES
 Landscape Architects
 75 Market Street Portland, ME
 Pli: 207.772.1552 FAX: 207.772.0712
 SHEET NO. SKC-1



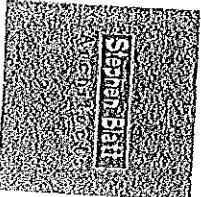
East End School
Portland, Maine

Addendum #1

Reference: A111

Date: August 3, 2004

ASK-1



BUILDING SECTION NOTES:**MASONRY NOTES:**

1. COORDINATE MASONRY STRIPING AND PATTERNS WITH BUILDING ELEVATIONS. SEE DWGS. A21 & A22
2. MASONRY VENEER ANCHOR SPACING FOR STUDS SPACED 24" O.C. TO BE 16" O.C. VERTICALLY. LOCATE ANCHORS WITHIN 8" OF EACH SIDE OF EXPANSION JTS. CONTROL JTS. & ALL MASONRY OPENINGS.
3. LOCATE TOP MASONRY ANCHORS NOT MORE THAN 8" BELOW TOP OF MASONRY.
4. LOCATE MASONRY CONTROL JOINTS FOR CHILL WHERE SHOWN ON EXTERIOR BUILDING ELEVATIONS. PROVIDE CONTROL JOINTS AT INSIDE CORNERS OF WALL INTERSECTIONS. PROVIDE COMPRESSIBLE SPACERS, WITH BACKER ROD TO SUPPORT JOINT SEALANT SYSTEM.
5. LOCATE MASONRY WEEP/VENT HOLES AT THE TOP AND BOTTOM OF ALL MASONRY VENEER CAVITIES AND ABOVE ALL THROUGH WALL FLASHING. SPACE WEEP HOLES NOT TO EXCEED 32" O.C. ARRANGE WEEP HOLES SYMMETRICALLY WITHIN EACH MASONRY WALL SECTION.
6. EXTEND THROUGH WALL FLASHING THROUGH RIGID INSULATION BOARD AND TURN UP AT FACE OF SHEATHING. AT EXTERIOR FACE OF MASONRY FORT DRIP BEYOND FACE OF MASONRY.
7. PROVIDE END DARTS AT ALL THROUGH WALL FLASHING.
8. MAINTAIN A MINIMUM 2 INCH CLEAR AIR SPACE BEHIND MASONRY VENEERS. KEEP CAVITIES CLEAR OF HORTAR DROPPINGS.
9. PROVIDE CAVITY DRAINAGE MATERIAL AS SPECIFIED AT THE BASE OF ALL CAVITIES AND ABOVE THROUGH-WALL FLASHING. INSPECT, TEST AND CLEAN ALL WEEP HOLES AT COMPLETION OF WORK TO ASSURE FREE DRAINAGE.

EXTERIOR NOTES:

1. SITE ELEVATION 14'-0" = BUILDING ELEVATION 100'-0" ON ARCHITECTURAL PLANS.
2. PROVIDE A CONTINUOUS BEAD OF SEALANT AROUND PERIMETER AND ISOLATION JOINTS, COLUMN AND PIPE PENETRATIONS, AND CONDITIONS THAT MAY ALLOW PASSAGE OF MOISTURE OR VAPOR OR GAS THROUGH CONCRETE SLABS ON GRADE.
3. VAPOR BARRIERS TO BE CONTINUOUS AROUND BUILDING ENVELOPE INCLUDING ROOF TO WALL INTERSECTIONS, DEFLECTION JOINTS AND SEALED TIGHT AROUND ALL PENETRATIONS SUCH AS ELECTRICAL BOXES AND LIGHT FIXTURES ECT.
4. WRAP AIR BARRIER OVER HEAD, JAMB & SILL ON ALL WINDOW & DOOR BLOCKING.
5. ALL WOOD BLOCKING IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.
6. INSTALL PRESTOPPING SEALANT AROUND ALL PENETRATIONS THROUGH RATED WALLS OR FLOORS. FOLLOW MANUFACTURER'S SPECIFIC INSTALLATION INSTRUCTIONS. ALL OTHER PENETRATIONS TO BE SEALED STROKE-TIGHT.
7. REVIEW ALL SECTIONS FOR WOOD BLOCKING INSTALLATION FOR SUPPORT OF OTHER WORK
8. REFER TO STRUCTURAL DRAWINGS FOR CONCRETE SLAB, FOUNDATION AND FOOTING TO DETAILS AND REINFORCEMENT.
9. REFER TO DWG. A12 FOR PARTITION TYPES & DWG. A14 FOR INTERIOR PARTITION DETAILS AND SOUND INSULATION.
10. EXTERIOR WALL GYPSUM BOARD TO END 8" ABOVE CEILING EXCEPT WHERE INTERIOR WALLS MEET EXTERIOR WALLS IN WHICH CASE GYPSUM SHALL EXTEND TO DECK. SEE DETAIL 84/ALI
11. CONTINUOUS RIGID INSULATION UNDER ALL NON-RADIANT HEAT SLABS ON GRADE. 2" RIGID INSULATION UNDER ALL RADIANT HEAT SLABS ON GRADE.

East End School
Portland, Maine

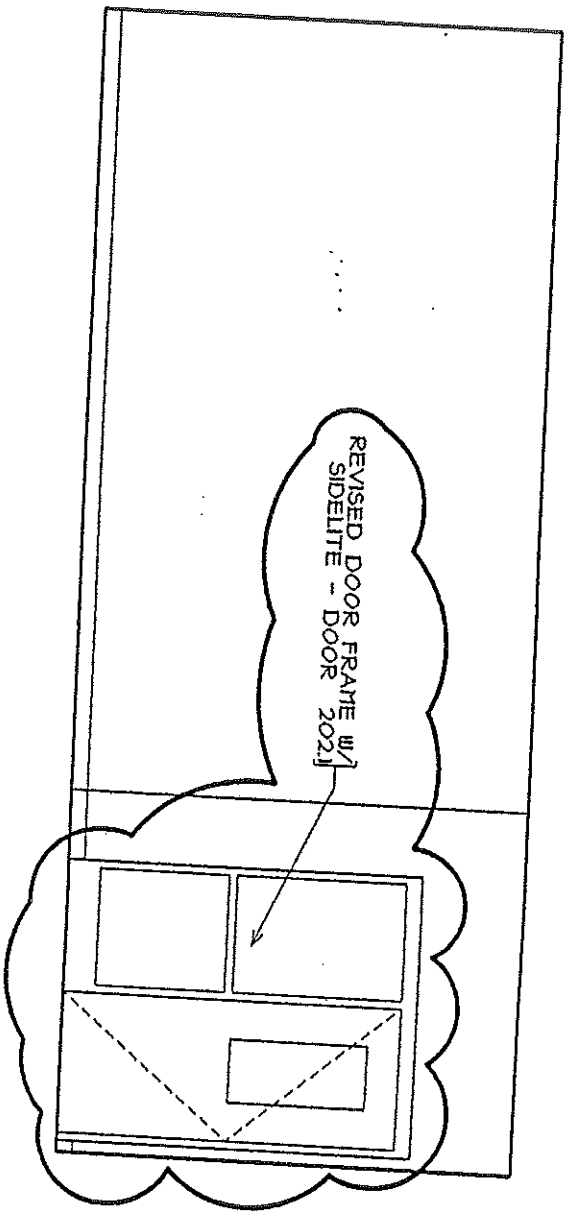
Date: August 3, 2004

Addendum #1

Reference: A3.1



ASK-3



REVISED DOOR FRAME ROOM 202

SCALE: 1/4" = 1'-0"



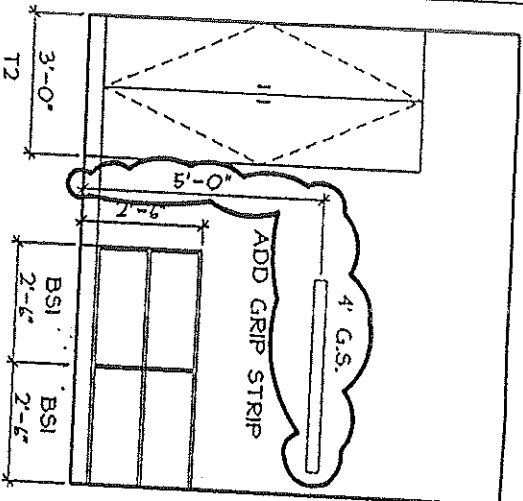
East End School
Portland, Maine

Addendum #1

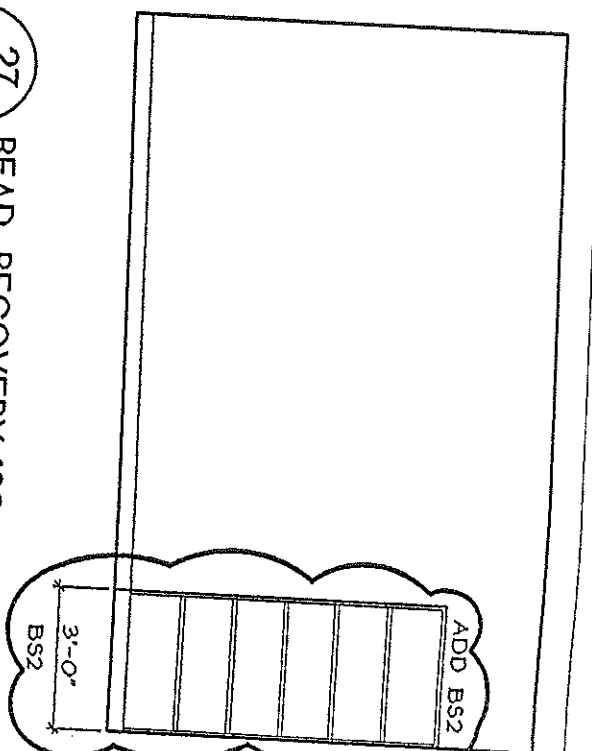
Reference: 1/A5.2

Date: August 3, 2004

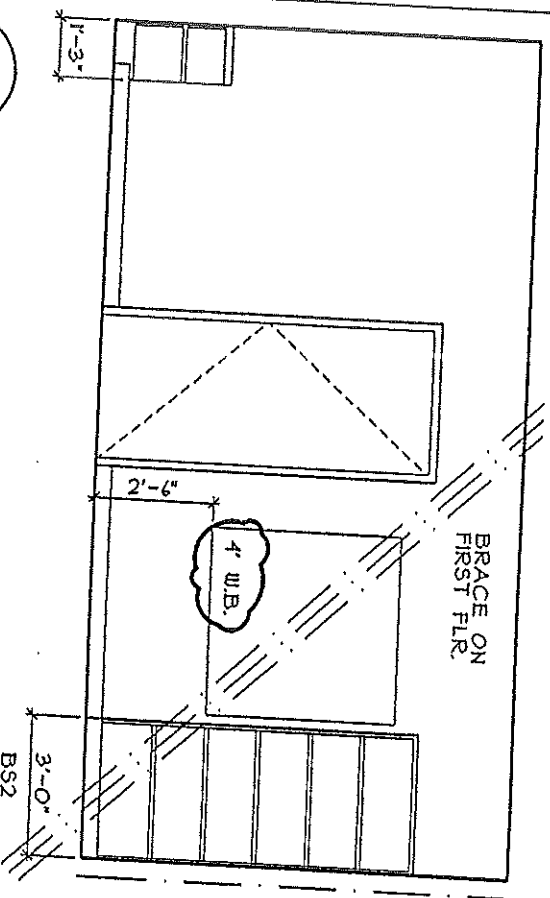
ASK-4



24 READ. RECOVERY 122
 A1.4 SCALE: 1/4" = 1'-0"

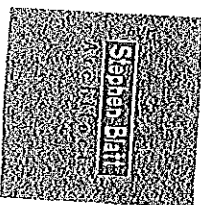


27 READ. RECOVERY 122
 A1.4 SCALE: 1/4" = 1'-0"



33 READ. RECOVERY 140, 230
 A1.4 SCALE: 1/4" = 1'-0"

REVISIONS AT READING RECOVERY ROOMS 122, 140, & 230
 SCALE: 1/4" = 1'-0"



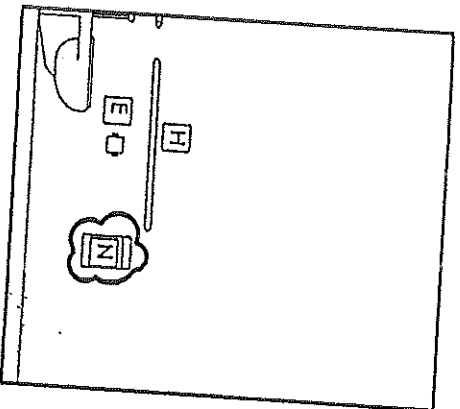
East End School
 Portland, Maine

Addendum #1

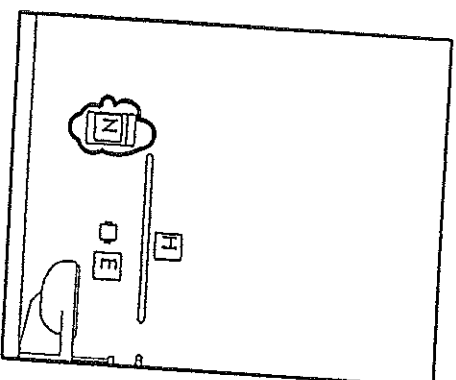
Reference: 24/A5.1, 27/A5.1, & 33/A5.1

Date: August 3, 2004

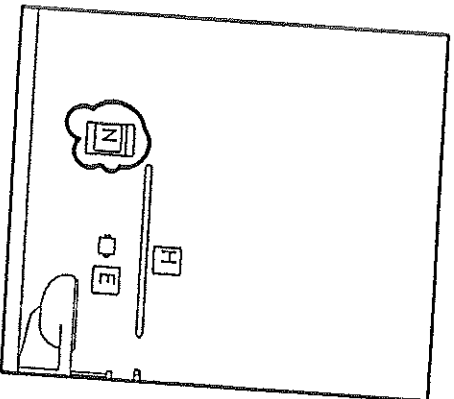
ASK-5



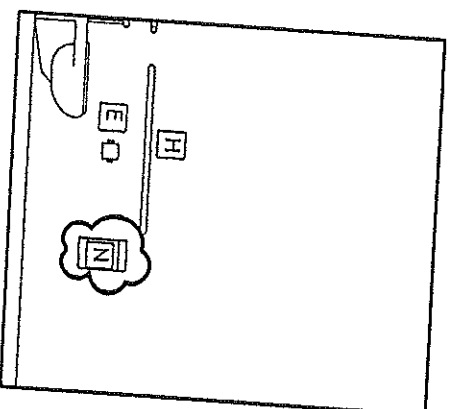
53 STAFF W.C. 155, 243
A5.10 SCALE: 1/4" = 1'-0"



2 W.C. 305
A5.11 SCALE: 1/4" = 1'-0"



6 STAFF W.C. 310
A5.11 SCALE: 1/4" = 1'-0"



9 STAFF W.C. 203
A5.11 SCALE: 1/4" = 1'-0"

ADD SANITARY NAPKIN DISPOSAL ROOMS 155, 243, 305, 310, & 203
SCALE: 1/4" = 1'-0"

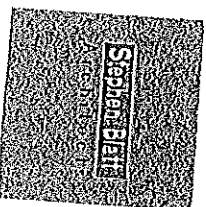
East End School
Portland, Maine

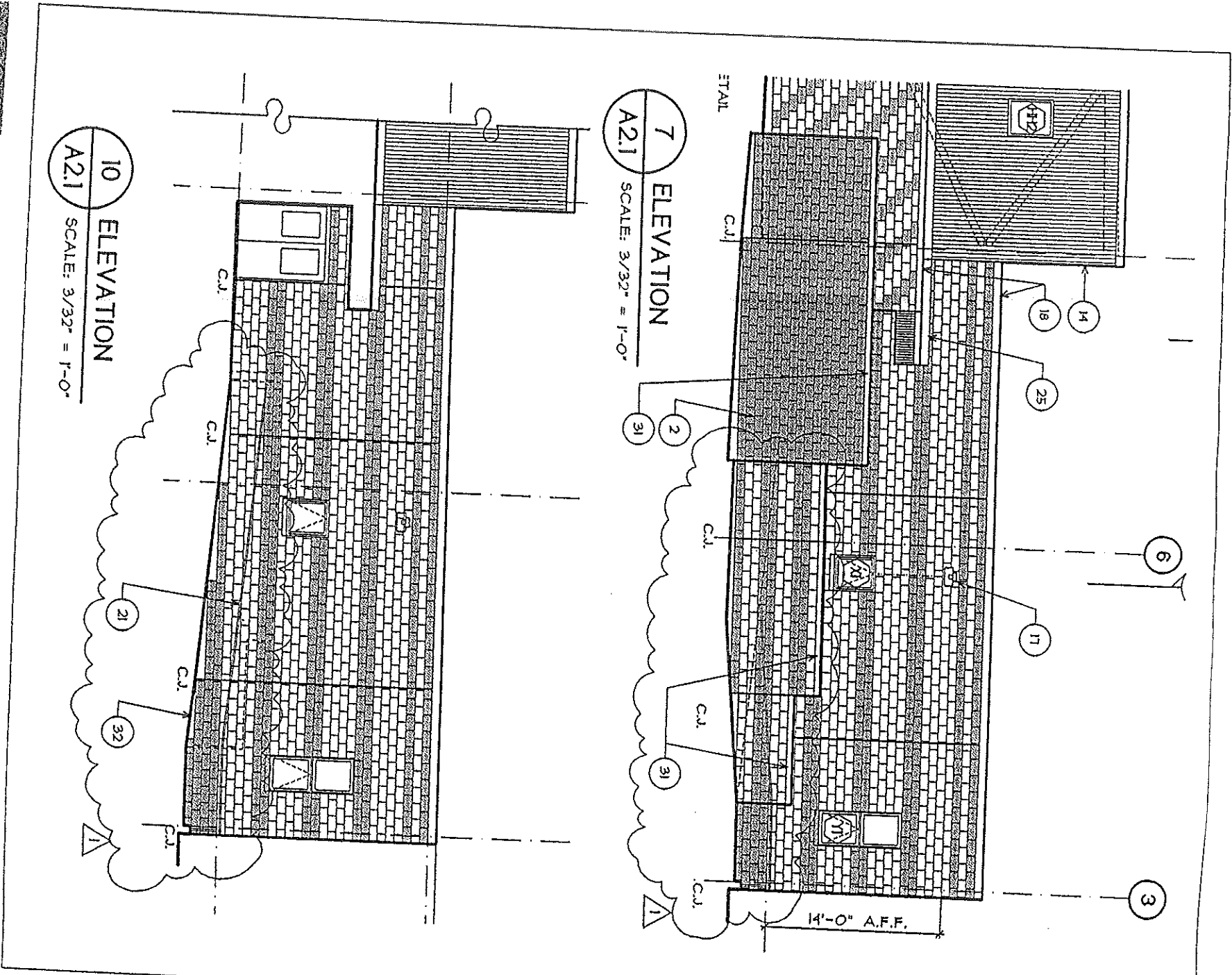
Addendum #1

Date: August 3, 2004

Reference: 53/A5.10, 2/A5.11, 6/A5.11, 9/A5.11

ASK-6



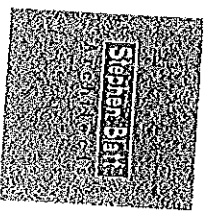


East End School
 Portland, Maine

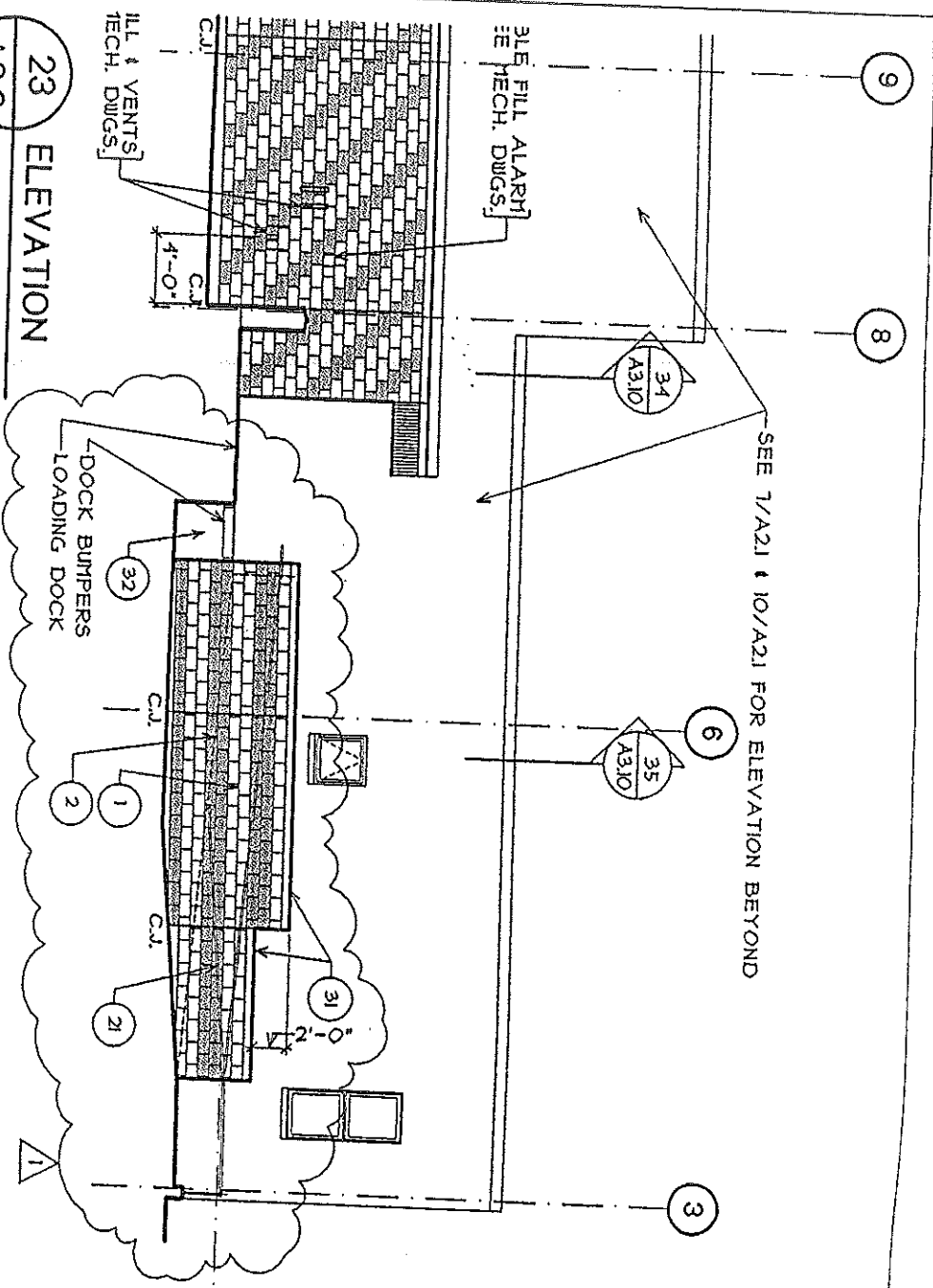
Addendum #1

Reference: A2.1

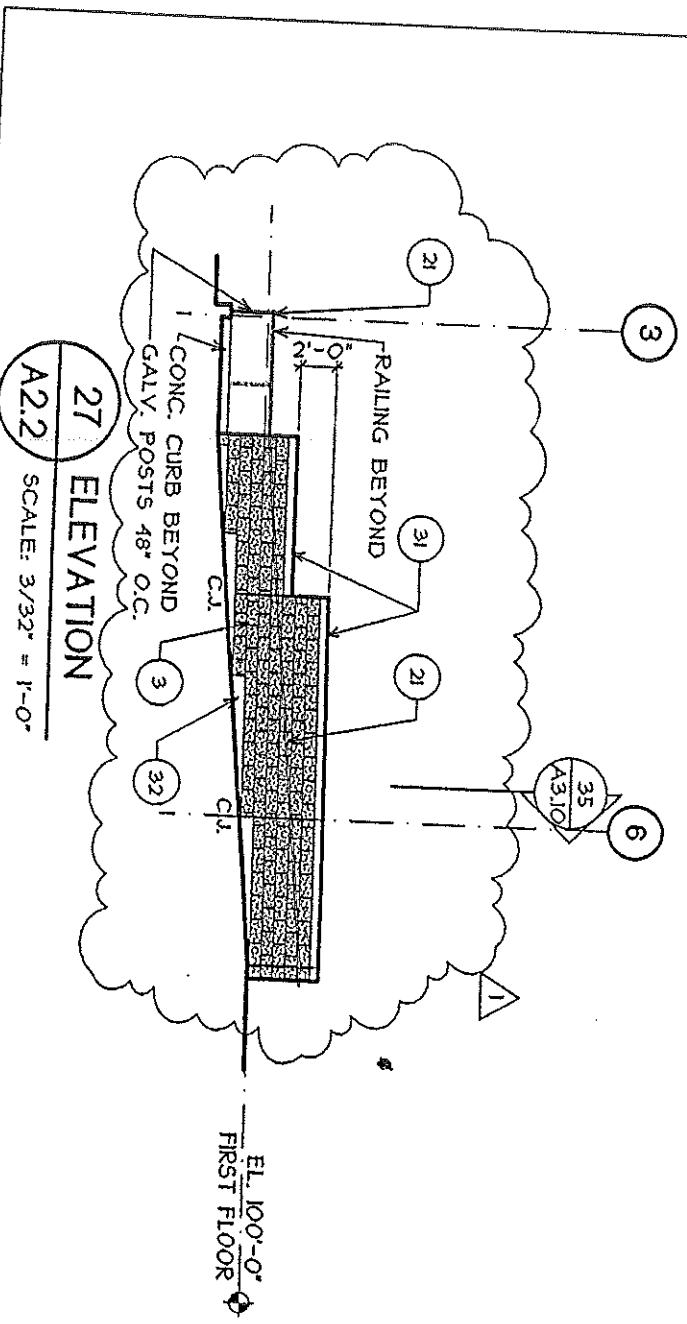
Date: August 3, 2004



ASK-7



23 ELEVATION
 SCALE: 3/32" = 1'-0"



27 ELEVATION
 SCALE: 3/32" = 1'-0"

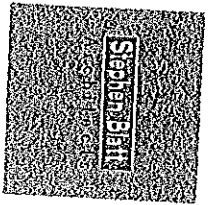
East End School
 Portland, Maine

Addendum #1

Reference: A2.2

Date: August 3, 2004

ASK-8



ADDENDUM #2 Dated August 5, 2004
TO CONTRACT DOCUMENTS FOR:

FILE COPY

East End Elementary School
Portland, Maine

City of Portland BID # 8704

PREPARED BY:

8.A.4

STEPHEN BLATT ARCHITECTS
P.O. BOX 583
10 DANFORTH STREET
PORTLAND, ME 04112-0583

Dated: July 15, 2004

To all interested parties:

This addendum modifies, amends, and supplements designated parts of the Contract Documents, Project Manuals, and Drawings for the **East End Elementary School** and is hereby made an integral part thereof by reference and shall be as binding as though inserted in its entirety in the location specified herein. It shall be the responsibility of the Contractor to notify all Subcontractors and suppliers he/she proposes to use for the various parts of the work for any changes or modifications contained in this addendum. The Contractor shall acknowledge receipt of this addendum in the appropriate section of the Bid Form.

This ADDENDUM consists of 1 page:

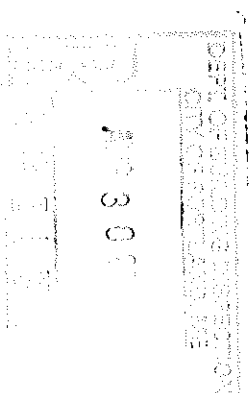
SPECIFICATIONS

DIVISION 0 - CONTRACT REQUIREMENTS

Section 00110 INSTRUCTIONS TO BIDDERS
2.00 C.4.

DELETE: Sub-Bids must be filed on or before **Tuesday, August 17, 2004 at 3p.m.** at the Maine Construction Bid Depository.
ADD: Sub-Bids must be filed on or before **Thursday, August 19, 2004 at 3p.m.** at the Maine Construction Bid Depository.

END OF ADDENDUM #2



FILE COPY

ADDENDUM #1 Dated August 4, 2004
TO CONTRACT DOCUMENTS FOR:

East End Elementary School
Portland, Maine

City of Portland BID # 8704

PREPARED BY:

STEPHEN BLATT ARCHITECTS
P.O. BOX 583
10 DANFORTH STREET
PORTLAND, ME 04112-0583

Dated: July 15, 2004

To all interested parties:

This addendum modifies, amends, and supplements designated parts of the Contract Documents, Project Manuals, and Drawings for the East End Elementary School and is hereby made an integral part thereof by reference and shall be as binding as though inserted in its entirety in the location specified herein. It shall be the responsibility of the Contractor to notify all Subcontractors and suppliers he/she proposes to use for the various parts of the work for any changes or modifications contained in this addendum. The Contractor shall acknowledge receipt of this addendum in the appropriate section of the Bid Form.

This ADDENDUM consists of 20 pages.

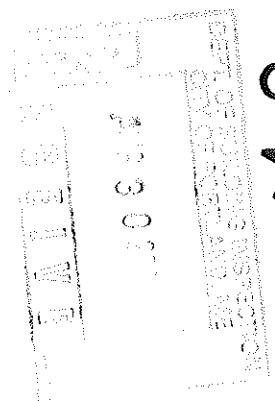
SPECIFICATIONS

PROJECT DIRECTORY
DELETE: ' & Electrical' following 'Mechanical'

DIVISION 0 - CONTRACT REQUIREMENTS
Section 00020 INVITATION TO BID

CLARIFICATION: Bids will be opened and read aloud in Rm. 209, Portland City Hall.

A Mandatory pre-bid conference for General Contractors was held on Thursday, July 29th, 2004 at 10:00 a.m. at City Hall, Portland.



8 A 4

GENERAL CONTRACTORS ATTENDING THE MANDATORY PRE-BID CONFERENCE

| CONTRACTOR | LOCATION | CONTACT PERSON | PHONE # |
|--------------------------|----------------|-----------------|----------------|
| Ledgewood Construction | Portland | Jim Hoy | 767-1866 |
| P.J. Stella Construction | Wakefield, MA | Larry Erekson | (781) 245-8844 |
| C.M. Cimino, Inc. | Westbrook | Michael Cimino | 854-8876 |
| J.C.N. Construction | Manchester, NH | Michael Stevens | (603) 624-7080 |
| Pizzagalli Construction | South Portland | John Monaghan | 874-2323 |
| Payton Construction | Saco, ME | Jeff Becker | 286-8500 |

ONLY THE GENERAL CONTRACTORS ATTENDING THE MANDATORY PRE-BID CONFERENCE ABOVE WILL BE CONSIDERED. Questions raised at the pre-bid conference will be addressed through a written addendum. No verbal representations or comments made by the Owner or its representatives should be used for bidding the contract. Only items contained in a written addendum (if any) shall be used for this purpose.

Modification/Amendment/Clarification to Information to Bidders

1. During the July 29th prebid meeting a potential bidder inquired whether any of the existing foundation was left following demolition.

The following response has been provided:

Only the hold-down slab for the oil tank remains in place. The tank itself was removed but the slab was well below any new work and could be left in place.

2. During the July 29th prebid meeting a potential bidder inquired about possible soil contamination in the area of the removed oil tank.

The following response has been provided:

There was no soil contamination in this area. The tank that was removed was fairly new. Report to be issued in future addenda.

3. During the July 29th prebid meeting a potential bidder inquired about the project budget. The following response has been provided:

\$8.1m based on State of Maine Project Budget dated 7/14/04.

4. During the July 29th prebid meeting a potential bidder inquired whether Masonry is a filed sub-bid.

The following response has been provided:

Masonry is not a file sub-bid. See below for correction to Specification Section 04810.

5. During the July 29th prebid meeting a potential bidder requested clarification as to who carries Allowance No. 2. Electrical Utility Excess Charges.

The following response has been provided:

The General Contractor shall carry Allowance No. 2 Electrical Utility Excess Charges.

6. During the July 29th prebid meeting a potential bidder inquired about any requirement for chain link construction fencing.

The following response has been provided:

This will be clarified in future addenda.

7. During the July 29th prebid meeting a potential bidder inquired about possible contamination of the remaining soil stockpiled on the site.

The following response has been provided:

The pile of soil is not contaminated. Report to be issued in future addenda.

8. During the July 29th prebid meeting a potential bidder asked for clarification on how waste disposal is to be handled.

The following response has been provided:

This will be clarified in future addenda.

9. During the July 29th prebid meeting a potential bidder inquired about construction access to the site and staging areas.

The following response has been provided:

Westbound traffic lane on North St. shall be maintained throughout construction. Two parking spaces for the community garden shall be provided. See Drawing C-2 for further information.

Section 00810 EXHIBIT "A" SUPPLEMENTARY GENERAL CONDITIONS

Article 9 Payments and Conditions

E. 9.3.1.2.

CHANGE:

"90 percent" to "95 percent"

DIVISION 1

MODIFICATION/CLARIFICATION TO DIVISION 1 TECHNICAL SPECIFICATIONS

1. Section 01230 ALTERNATES
 - 3.1 Selection of Bid AlternatesCHANGE:

The dates for the selection of certain alternates shall be revised as follows:

| Bid Alternate | Title | Date Until Which the Owner May Select |
|---------------|--------------------------------------|---------------------------------------|
| 1 | Retaining Wall at Edge of Ball Field | November 1, 2004 |
| 7 | Upgrade of Curb | May 1, 2005 |
| 9 | Sidewalk Upgrades | May 1, 2005 |
| 10 | Athletic Field Turf Drainage | November 1, 2004 |
| 11 | Landscape and Site Improvements | May 1, 2005 |
| 13 | Additional Overlay in Public Street | July 15, 2005 |

2. Section 01230 ALTERNATES

3.1R

CHANGE:

"...provide additional landscape improvements as indicated on Drawing C-20" to "provide additional landscape improvements as indicated on Drawing C-8, Landscape Plan (by Carroll Associates)"

3. Section 01270 UNIT PRICES

3.1, Item OS, 1

CHANGE: The description currently states:

"1. Description: Ballfield Blanket Drain per Division 2 Section Storm Water Systems."

This shall be revised to state:

"1. Description: Ballfield Blanket Drain per Division 2 Section 02200 Earthwork using "granular fill" material as specified in this section.

MODIFICATION/CLARIFICATION TO THE BID FORM

1. Section 00320 – Proposal Form for Subcontractors:

The bid documents contain bid forms to be used for Filed Subcontractors. DIVISION 2 contractors shall use the revised bid form appended to this section and consisting of five (5) pages. This revised bid form includes quantities to be used for determining the bid price of the filed subbid for this work.

ATTACHMENTS

- Revised Bid Forms
- SK-C-1

Section 04810 UNIT MASONRY ASSEMBLIES

1.2 Summary

DELETE:

E. Filed Subcontract Proposal: The scope of work for projects requiring "Filed Subcontract Proposals" shall also include as follows:

East End Elementary School

8/4/04

Addendum #1

4

1. Staging and temporary enclosures complying with requirements of Division 1 Section "Temporary Facilities and Controls" and cold weather construction requirements, shall be included as work of this section.
2. Temporary heat for exterior masonry work complying with requirements of Division 1 Section "Temporary Facilities and Controls", and cold weather construction requirements, shall be included as work of this section.
3. Temporary heat for interior masonry work complying with requirements of Division 1 Section "Temporary Facilities and Controls", and cold weather construction requirements, shall be included as work under the General Contractor.

SECTION 08711 DOOR HARDWARE

- CHANGE:** The word "Storeroom" in subparagraph 2.3, E, 1, function B to read "Storeroom, tactile warning"
- CHANGE:** The function number "38" in subparagraph 2.3, E, 1, function G to read "41"
- DELETE:** Subparagraph 2.5, A, 1 and 3.
- DELETE:** Exit device functions for Von Duprin and Precision in paragraph 2.5 G.
- CHANGE:** Subparagraph 2.6, A, 1 to read "1. Cylinders for Exterior Doors: Signature series keyway."
- CHANGE:** The word "Exterior" to read "Interior" in subparagraph 2.6, A, 2.
- DELETE:** Subparagraph 2.10, A, 1, b.
- DELETE:** Subparagraph 2.10, A, 2, b.
- DELETE:** Model numbers for Sargent closers in Subparagraph 2.10, C, 9.
- CHANGE:** Subparagraph 2.13, A, 1 to read "1. Sargent Manufacturing Company, Div. of ESSEX Industries, Inc. (SGT).
- DELETE:** Subparagraphs 2.13, B, 2 through 5.
- DELETE:** Subparagraph 2.13, E, 1 and 2.
- ADD:** "At door tags 155.1, 203.1, and 243.1, provide function type 50 and provide 2 emergency keys." at the end of HW12.
- DELETE:** Tag 216.1 in HW18.
- ADD:** Tag 216.1 in HW19.
- CHANGE:** Function A to D in HW22.
- ADD:** Deadlock (function A) to HW22.
- DELETE:** Tag 136.2 in Alternate No. 6.

DRAWINGS

C-1 COVER SHEET

CHANGE: Listed Mechanical Engineer from 'Bartlett Design' to 'Bennett Engineering, 7 Bennett Road, Freeport, ME 04032 (207) 865-9475.'

ADD: Add Drawing C-10, Grading and Drainage Plan, to the Index of Drawings.

C-7 SITE LAYOUT PLAN WITH DETAIL REFERENCES AND NSC-4 PLAN PROFILE

CLARIFICATION: The onsite parking lot shows the parking space numbers. These numbers are for reference only. The spaces do not need to be marked or painted.

C-7 SITE LAYOUT PLAN WITH DETAIL REFERENCES

CHANGE: The flagpole is referenced to Detail C and Drawing C-17. This detail reference should be changed to Detail H.

8AY



CITY OF PORTLAND
BUILDING CODE CERTIFICATE
389 Congress St, Room 315
Portland, Maine 04101

TO: Inspector of Buildings City of Portland, Maine
Department of Planning & Urban Development
Division of Housing & Community Service

FROM DESIGNER: Stephen Blatt Architects

DATE: Pinkham & Greer (Structural Engineers)
August 25, 2004

Job Name: East End Elementary School

Address of Construction: North Street, Portland, Maine

THE BOCA NATIONAL BUILDING CODE / 1999 (FOURTEENTH EDITION)
Construction project was designed according to the building code criteria listed below:

Building Code and Year 1999 BOCA Use Group Classification(s) Educational & Assembly
Type of Construction 2c unprotected

Structural Systems

Roof Snow Load

60 Ground Snow Load (Pg)

42 If Pg > 10 psf, Flat Roof snow load, Pf

0.9 If Pg > 10 psf, snow exposure factor, Ce

1.0 If Pg > 10 psf, roof thermal factor

1.1 If Pg > 10 psf, snow load importance factor, I

N/A Sloped Roof Snowload Ps

Earthquake Loads

0.10 Peak velocity-related acceleration, Av

0.10 Peak acceleration, Az

II Seismic hazard exposure group

C Seismic performance category

S1 Soil profile type

CBF Basic structural system / seismic-resisting system

3.3 Response modification factor, R, and deflection

amplification factor, Ca

Yes The documents must account for Drift snow load, unbalanced snow load and sliding snow loads as required.

Wind Loads

05 Basic Wind Speed

C Wind Exposure Category SEE ATTACHED SHEET
4/-0.125 Internal Pressure Coefficient

389 Congress Street • Portland, Maine 04101

(207) 874-5703

FACSIMILE (207) 874-8716 • TTY (207) 874-8936

1.23 Wind Importance Factor Cross Beam Wind

ADDENDUM #5

Dated August 16, 2004

FILE COPY

TO CONTRACT DOCUMENTS FOR:

East End Elementary School
Portland, Maine

City of Portland BID # 8704

PREPARED BY:

STEPHEN BLATT ARCHITECTS
P.O. BOX 583
10 DANFORTH STREET
PORTLAND, ME 04112-0583

Dated: July 15, 2004

To all interested parties:

This addendum modifies, amends, and supplements designated parts of the Contract Documents, Project Manuals, and Drawings for the **East End Elementary School** and is hereby made an integral part thereof by reference and shall be as binding as though inserted in its entirety in the location specified herein. It shall be the responsibility of the Contractor to notify all Subcontractors and suppliers he/she proposes to use for the various parts of the work for any changes or modifications contained in this addendum. The Contractor shall acknowledge receipt of this addendum in the appropriate section of the Bid Form.

This ADDENDUM consists of 3 pages.

SPECIFICATIONS

Division 1 - General Requirements

Section 01210 ALLOWANCES, PAGE 2, 3.3 Schedule of Allowances
ADD: Allowance No. 3 New Meter Fee and Service Connection

The General Contractor shall include an allowance in the bid of \$4,000.00 for the new meter and connection. The final cost of these items will be adjusted by change order for the actual fees incurred. General Contractor markups will not apply to these fees.

DIVISION 2 - SITE WORK

Fees Attendant with the Portland Water District Inspections

The Portland Water District will assess a fee for inspection of the on-site water main installation. This fee is \$35.00 per hour. The Division 2 Contractor should include these fees in the filed subcontractor bid for this project.

Section 08711

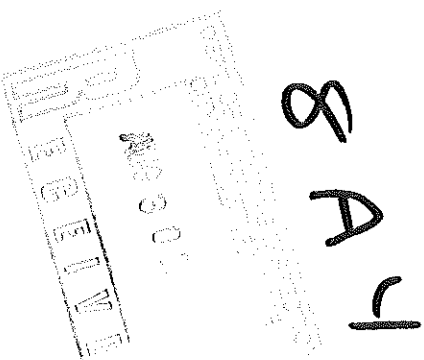
DELETE: Door closer and Kickplate to the following door tags in HW18: 105.1, 133.1, 134.1, 137.1, 145.1, 149.1, 150.1, 153.1, 162.1, 166.1, 167.1, 170.1, 218.1, 223.1, 224.1, 227.1, 235.1, 238.1, 241.1, 248.1, 250.1, 251.1, 254.1. (in Addendum #3)

East End Elementary School

Addendum #5

8/16/04

1



DELETE: Door closer and self latching flush bolts at door 222.1 in HW21. (in Addendum #3)
ADD: Sound seals to door Tag 120.2 in HW 17.

Section 09912, PAINTING, paragraph 2.1 B:
DELETE: ICI Dulux Paint was selected to reduce the number of paint manufacturers and paint types throughout the School Department. (in Addendum #3)

ADD: ICI Dulux Paints were selected due to Portland Public Schools past experiences with other products and our desire to maintain and sustain a consistent appearance. The selection was not meant to limit competition, but to note that we had tried the other products and that ICI Dulux Paint has proven to be the better product for most of our applications.

Section 09912 - PAINTING

ADD: The following at the start of subparagraph 2.7, B, 2: "Dulux Paint; 1402-XXXX Dulux Professional Acrylic Eggshell".
OMIT: Paragraph 2.8, B. Fillers will not be required.

Section 09953 – RESILIENT WALL BASE AND ACCESSORIES, 2..4 Resilient Stair Accessories, A
ADD: 2. Metal Nosing shall be attached with adhesive and mechanically fastened as recommended by the manufacturer.

DRAWINGS

Division 2 Drawings: General Notes

Contractors are reminded to refer to the new Drawing NS-C-4 provided with Addendum #3. This drawing revises the type of materials for walkways within the project.

Drawing C-13 Utility Plan

Addendum #3 page seven lists several corrections to the utility plan. These corrections are erroneously listed on Addendum #3 as being a portion of Drawing C-14. Bidders should note the correct drawing number is Drawing C-13.

Drawing C-13 Utility Plan

The contractor's attention is noted that the replacement water main work requires reconnection of the services to the Jewish Home for the Aged on the opposite side of North Street. The contractor shall provide temporary service to the building to avoid any disruption in water service to this facility.

Drawing S-8

CHANGE: W21x50 beam at 2nd floor between grids BM-B4 and BK-B6 to a W24x55.

CHANGE: both W21x44 and W16x26 beams at 2nd floor and low roof between grids 20-U and BH-B1 to W24x62 beams. ADD HSS 6x6x1/4" post w/7x7x3/4" cap and base plates between these beams at approximately mid-span. Weld Cap and base plates to HSS6x6 with 1/4" fillet weld all around. Weld cap and base plates to beams with 1/4" fillet weld all around, top and bottom. Add 3/8" stiffener plate one side only to both W24x62 beams at the post location. Add L4x4x3/8 kick brace between bottom of HSS 6x6 post and steel beams above at mid-span of W24x62's. Attach kick brace with 3/16" fillet weld all around each end. (Minimum weld length 4")

Drawing E2.1 Ground Floor North Power Plan

- **REVISE** receptacle, data and telephone jack groupings in Principal 108 to receptacle and split data/telephone jack groupings - typical for two locations within room (clarification of Addendum # 3 item).
- **REVISE** receptacle, data and telephone jack groupings in Assistant Principal 109 to receptacle and split data/telephone jack groupings - typical for two locations within room (clarification of Addendum # 3 item).
- **REVISE** receptacle, data and telephone jack grouping in Conference 110 to receptacle and split data/telephone jack grouping (clarification of Addendum # 3 item).
- **REVISE** the single telephone jack located on the east wall in Art 340 to a split data/telephone jack grouping. All other data/telephone jacks to remain as shown on the bid documents (clarification of Addendum # 3 item).

Drawing E2.2 Ground Floor South Power Plan

- **REVISE** receptacle, data and telephone jack groupings in Health Clinic 113 to receptacle and split data/telephone jack groupings - typical for two locations within room (clarification of Addendum # 3 item).
- **ADD** a sixth split data/telephone jack grouping the electrical receptacle on the east wall.

Drawing E2.3 Second Floor North Power Plan

- **REVISE** receptacle, data and telephone jack grouping and the receptacle and data jack groupings in Itinerant Office 256 to receptacle and split data/telephone jack groupings - typical for five locations within room (clarification of Addendum # 3 item).

Drawing E4.2

Telecommunications Riser Diagram & Details

- **REVISE** the quantity of telephone sets for Type A and Type B phone sets to indicate one of each type.

END OF ADDENDUM #5

ADDENDUM #6 *Dated August 23, 2004*
TO CONTRACT DOCUMENTS FOR:

East End Elementary School
Portland, Maine

City of Portland BID # 8704

PREPARED BY:

STEPHEN BLATT ARCHITECTS .
P.O. BOX 583
10 DANFORTH STREET
PORTLAND, ME 04112-0583

Dated: July 15, 2004

To all interested parties:

This addendum modifies, amends, and supplements designated parts of the Contract Documents, Project Manuals, and Drawings for the **East End Elementary School** and is hereby made an integral part thereof by reference and shall be as binding as though inserted in its entirety in the location specified herein. It shall be the responsibility of the Contractor to notify all Subcontractors and suppliers he/she proposes to use for the various parts of the work for any changes or modifications contained in this addendum. The Contractor shall acknowledge receipt of this addendum in the appropriate section of the Bid Form.

This ADDENDUM consists of **3** pages.

SPECIFICATIONS

Section 04810 – UNIT MASONRY ASSEMBLIES

Part 2 Products, 2.1, C. Decorative Exterior Concrete Masonry Units.. 5b
ADD: 2) Product: "Ground Faced Masonry Units" as manufactured by D'Agostino Building Blocks, Schenectady, N.Y. Type 1 color to be DFG #500597 (white) & Type2 DFG #500940 (Golden Yellow)

Part 2 Products, 2.1, E. Decorative Interior Concrete Masonry Units.. 5b
ADD: 3) Product: "Ground Faced Masonry Units" as manufactured by D'Agostino Building Blocks, Schenectady, N.Y.

Section 04810 – UNIT MASONRY ASSEMBLIES

Part 2 Products, 2.3 A. Portland Cement, :
DELETE: Provide natural or white cement as required to produce mortar color indicated.
ADD: Provide natural cement as required to produce a standard natural gray mortar color, for both interior and exterior masonry.

Part 2 Products, 2.3 D. Aggregate for mortar.....required mortar color
DELETE: 1. Colored Mortar Aggregates: Natural colored Mortar Aggregates: Natural-colored sand or ground marble, granite or other sound stone: of color necessary to produce required mortar color.

ADD: 1. Natural colored Mortar Aggregates: Natural-colored sand or ground marble, granite or other sound stone: of color necessary to produce a standard gray mortar color, for both interior and exterior masonry.

Section 05402 – COLD-FORMED METAL FRAMING & EXTERIOR SHEATHING
Part 2 Products, 2.3 C., Double Deflection Tracks

ADD: 3. Single Deflection Track: On non rated walls only, in lieu of Double Deflection Track, a 3 inch leg Single Deflection Track with interlocking Spazzer Bar 5400 Bracing within 12 inches of the top of the track, and meeting engineering requirements is acceptable.

Section 06402 – INTERIOR ARCHITECTURAL WOODWORK
Part 2 Products, 2.1 Woodwork Fabricators

ADD: 9. Nova Wood Products, Lunenburg, Nova Scotia

Section 06450 – MODULAR CASEWORK

Part 1 General, 1.5 Qualifications, A. Pre-Qualified Manufacturers
ADD: 9. Nova Wood Products, Lunenburg, Nova Scotia

Section 08555 FIBERGLASS WINDOWS

Part 1, General 1.4 Performance Requirements, B. 1. Single Hung Performance and Grade:
DELETE: LC-25
ADD: LC-25 or CAN/CSA-A440-M90.

Part 1, General 1.4 Performance Requirements, C. Solar Heat-Gain Coefficient
DELETE: SHGC maximum of 0.33
ADD: SHGC maximum of 0.54.

Part 1, General 1.8 Warranty, D. Warranty Period for Glass:
DELETE: 20 years from date of Substantial Completion
ADD: 10 years from date of Substantial Completion

Section 092606 – GYPSUM BOARD ASSEMBLIES

Part 2 Products, 2.3 D., Proprietary Deflection Track
ADD: 2. Single Deflection Track: On non rated walls only, in lieu of Double Deflection Track, a 3 inch leg Single Deflection Track with interlocking Spazzer Bar 5400 Bracing within 12 inches of the top of the track, and meeting engineering requirements is acceptable.

Section 092680 – CARPET

Part 2 Products, 2.1
ADD: C. Product: Border Carpet completely including items 1-19

DRAWINGS

Drawing A1.1 & A1.2 Classrooms on walls identified with Interior Elevation keys 8/A5.1 & 18/A5.1
DELETE: 4' WB & 4' TB indications (to match elevations N.I.C.)

Drawing A1.3 & A1.4 Classrooms on walls identified with Interior Elevation keys 4/A5.1 & 7/A5.1
DELETE: 8' WB indications (to match elevations N.I.C.)

Drawing A1.4 Room Finish Schedule, key 26 Ramp to Platform, remarks:
DELETE: remark: Slip Resistant Tile flooring

Drawing A5.1 Elevations 4, 7, 8 & 18
ADD: Note: Provide blocking for future tackboards shown N.I.C.

END OF ADDENDUM #6

W.H.L.B.A.

**CITY OF PORTLAND, MAINE
DEVELOPMENT REVIEW APPLICATION
PLANNING DEPARTMENT PROCESSING FORM
Zoning Copy**

2004-0024
Application I. D. Number
2/24/2004
Application Date

City Of Portland

Applicant _____

389 Congress St, Portland, ME 04101

Applicant's Mailing Address _____

Consultant/Agent _____

Agent Fax: _____

Applicant or Agent Daytime Telephone, Fax _____

Assessor's Reference: Chart-Block-Lot

008 A004001

358 - 358 Eastern Promenade, Portland, Maine
Address of Proposed Site

East End School
Project Name/Description

Proposed Development (check all that apply): New Building Building Addition Change Of Use Residential Office Retail

Manufacturing Warehouse/Distribution Parking Lot Other (specify) _____

72,700 s.f. _____ R3

Proposed Building square Feet or # of Units _____ Acreage of Site _____ Zoning

Check Review Required:

- Site Plan (major/minor) Subdivision # of lots _____ PAD Review 14-403 Streets Review
- Flood Hazard Shoreland Historic Preservation DEP Local Certification
- Zoning Conditional Use (ZBA/PB) Zoning Variance Other _____

Fees Paid: Site Pla \$1,000.00 Subdivision _____ Engineer Review _____ Date 2/25/2004

Zoning Approval Status:

- Approved Approved w/Conditions See Attached Denied

Approval Date _____ Approval Expiration _____ Extension to _____ Additional Sheets Attached

Condition Compliance _____ signature _____ date _____

Performance Guarantee Required* Not Required

* No building permit may be issued until a performance guarantee has been submitted as indicated below

Performance Guarantee Accepted _____ amount _____ expiration date _____

Inspection Fee Paid _____ date _____ amount _____

Building Permit Issue _____ date _____ amount _____

Performance Guarantee Reduced _____ date _____ remaining balance _____

Temporary Certificate of Occupancy _____ date _____ Conditions (See Attached) _____ expiration date _____

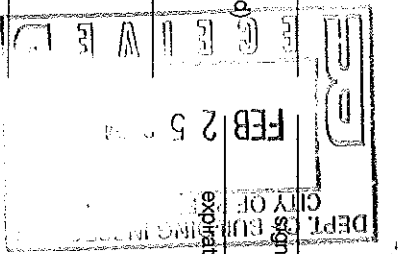
Final Inspection _____ date _____ signature _____

Certificate Of Occupancy _____ date _____ signature _____

Performance Guarantee Released _____ date _____ signature _____

Defect Guarantee Submitted _____ submitted date _____ amount _____ expiration date _____

Defect Guarantee Released _____ date _____ signature _____



Sec. 14-428. Corner lots:

~~Part~~ END School

In case a dwelling house has its front yard upon the long side of a corner lot, the rear yard may be reduced to a depth not less than the width required for a side yard on the lot, provided the aggregate of the widths of both sides and depths of front and rear yards is not less than the similar aggregate of required dimensions of all yards required if the front yard were faced on the short side of the lot.
 (Code 1968, § 602.19.G)

Plant NORTH

| Existing facing long side - aggregate of yards | Required setbacks if facing on short side |
|--|---|
| Front yard 15 feet | Front yard 25 feet |
| Rear yard 23.5 feet | Rear yard 25 feet |
| Side yard -rt 26.7 feet | Side yard -rt 16 feet |
| Side yard -ltf 86 feet | Side yard -ltf 20 feet |
| TOTALS 391.5 feet | 86 feet |

TOTALS 391.5 feet is greater than

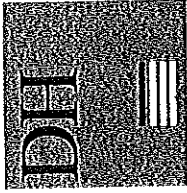


REAR CAN reduce to A REAR

~~YARD~~

to a dwelling

Affixes only to A REAR



DeLUCA-HOFFMAN ASSOCIATES, INC.
CONSULTING ENGINEERS

778 MAIN STREET
SUITE 8
SOUTH PORTLAND, MAINE 04106
TEL 207 775 1121
FAX 207 879 0896

■ SITE PLANNING
■ ROADWAY DESIGN
■ ENVIRONMENTAL
■ PERMITTING
■ AIRPORT ENGINEERING
■ CONSTRUCTION ADMINISTRATION
■ TRAFFIC STUDIES AND MANAGEMENT

February 27, 2004

Mr. Joe Hemes
Stephen Blatt Architects
PO Box 583
10 Danforth Street
Portland, ME 04112-0583

**Subject: East End School
Updated Parking Analysis
Update Based upon Current Site Plan**

Dear Joe:

Enclosed is a memorandum which updates the parking analysis based upon the current site plan. When the original traffic study/parking analysis was conducted last summer, the goal for the on-site parking was 50 spaces. This analysis includes review of the site plan and the fact that the number of on-site parking spaces was reduced to 31.

A copy of this memo is also being sent to the Portland Planning Department for their consideration in the review of the recent workshop submission.

Sincerely,

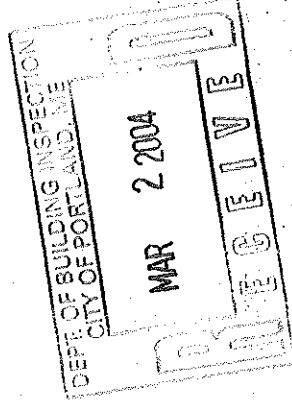
DeLUCA-HOFFMAN ASSOCIATES, INC.

MA

W
Pr
V
I

For Merge

Sarah Hopkins, Planning
Anita LaChance, Asst. City Manager
Doug Sherwood, Portland Public Schools
Diane Morabito, Casey & Godfrey
Kathie Earley, City of Portland



DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK
CITY OF PORTLAND

BUILDING INSPECTION

PERMIT

Please Read Application And Notes, If Any, Attached

PERMIT ISSUED
Permit Number: 041016
FEB - 4 2005
CITY OF PORTLAND

This is to certify that City Of Portland/n/a
has permission to Build New 74,000 sq. Ft. Elementary school
AT 358 Eastern Promenade
City ID: 008 A004001

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and written permission procured before this building or part thereof is altered or otherwise changed-in.
HOURS NOTED ARE REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

OTHER REQUIRED APPROVALS

Fire Dept. W.S.M.J.
Health Dept. _____
Appeal Board _____
Other _____
Department Name _____

[Signature] 2/2/05
Director - Building & Inspection Services

ADDENDUM #4 Dated August 13, 2004

TO CONTRACT DOCUMENTS FOR:

East End Elementary School
Portland, Maine

City of Portland BID # 8704

PREPARED BY:

STEPHEN BLATT ARCHITECTS
P.O. BOX 583
10 DANFORTH STREET
PORTLAND, ME 04112-0583

Dated: July 15, 2004

To all interested parties:

This addendum modifies, amends, and supplements designated parts of the Contract Documents, Project Manuals, and Drawings for the **East End Elementary School** and is hereby made an integral part thereof by reference and shall be as binding as though inserted in its entirety in the location specified herein. It shall be the responsibility of the Contractor to notify all Subcontractors and suppliers he/she proposes to use for the various parts of the work for any changes or modifications contained in this addendum. The Contractor shall acknowledge receipt of this addendum in the appropriate section of the Bid Form.

This ADDENDUM consists of 27 pages, plus three (3) 30"x48" sheets.

SPECIFICATIONS

DIVISION 0 - CONTRACT REQUIREMENTS

Section 00020 INVITATION TO BID

CLARIFICATION: AIA Document A310 is an acceptable form to use for the Bid Bond.

Section 00110 INSTRUCTIONS TO BIDDERS

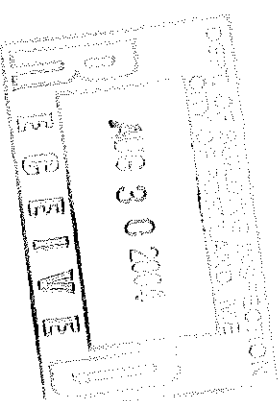
Appendix 1 Maine Construction Bid Depository General Conditions and Regulations.
Procedure to be followed by Subcontractors

CLARIFICATION: AIA Document A310 is an acceptable form to use for the Bid Bond.

CHANGE: INSTRUCTION TO BIDDERS, Page 4 of 8, ARTICLE 16.00 DELAY REMEDY,
Paragraph A.

Should read as follows: "The contractor hereby agrees that neither the Contractor nor anyone else performing work under this Contract shall have any claim against the Owner of the Architect for damages of any kind on account of delay in the commencement of the work and/or delay or suspension of the work or any portion thereof, and/or any acceleration after such delay or suspension, whether such delay is caused by the Owner, Architect or otherwise, and that the sole remedy for such delay and/or suspension and/or acceleration will be an extension of time as provided in the Contract Documents; provided, however, any such delay by the Owner or Architect must be reasonably related to the project or its funding."

8, A4



- successful green building design, construction and operations. LEED® offers third-party certification of qualifying buildings, upon a project's completion it may be qualified at LEED® certified, silver, gold or platinum level.
2. This two-hour workshop will provide an overview of the LEED program and how it impacts the contractor, construction manager and field/job-site staff & subs. In a LEED project, the Contractor has primary responsibility for:
 - a. Construction Waste Management - to divert as much material as possible from landfill.
 - b. Maintaining good Indoor Air Quality during construction and before occupancy,
 - c. Tracking materials to document their Recycled Content, Local/Regional Content, Rapidly Renewable Content, Certified Wood Content and Volatile Organic compound (VOC) Levels (Adhesives, Carpet, Paint, Composite Wood)
 3. In addition this workshop will cover the tracking and reporting tools used for LEED submissions and contract language so that subcontractors know what is expected of them."

Section 01500 TEMPORARY FACILITIES AND CONTROLS; PARAGRAPH 3.4D

CHANGE: This section shall be amended and modified to include the following requirements:

"The General Contractor shall install an orange safety fence or snow fence around the perimeter of the site prior to the start of other construction activities. The orange safety fence or snow fence shall be installed with metal or wood stakes spaces no further than 6'0 inches apart with the fence secured at the top, bottom and middle of each support. The fence shall be installed to avoid any sagging in excess of 3 inches. The following signs shall be attached to the fence at intervals not to exceed 25 feet on center:

- **"Authorized Construction Personnel Only"** – The signs shall be have a sign panel size of at least 200 square inches.

Interruptions in the fence for access shall be gated with temporary gates. The gates shall have the ability to be secured at the end of each workday to prevent illicit entry to the site.

The safety fence shall be inspected on a weekly basis and repaired as required to secure the site. Fence shall remain throughout the duration of construction until such time as the Owner authorizes sections of the fence to be removed or relocated.

The general contractor shall also install orange safety fence around the perimeter of trees to be saved. The safety fence shall be installed at the dripline of the tree and adjusted only for required site construction activities.

DIVISION 2 – SITE WORK

Section 02200 EARTHWORK PARAGRAPH 1.3.F:

The table on page 4 of this section shall be modified to specify the drainage layer for the ballfield (bid alternate 10B) is to be Granular Fill

Section 02227 AGGREGATE MATERIAL PARAGRAPH 2.1B:

The table on page 3 specifies the percent passing the 200 sieve is to be 0 to 20 percent. This shall be revised to 0 to 10 percent

Section 02825 ORNAMENTAL FENCE - OPTION B

DIVISION 16 – ELECTRICAL

Section 16510 INTERIOR LUMINAIRES

CHANGE the lighting fixture schedule to include the following lighting fixtures as approved equals:

| <u>Fixture</u> | <u>Manufacturer</u> | <u>Cat. No.</u> |
|----------------|--------------------------------|---|
| Type A5 | Focal Point | FLU-22-B-340BX-S-277-G-RLP-WH |
| Type B4 | Atlantic | 68126H2-CDG |
| Type E4 | FC Lighting | FCLED118-120V-WH-SC |
| Type G1 | Modular International Inc. | 13302/120-SM |
| | Luminaire Lighting | ARV17-2P1C26-277-OPA-WHT- W/LAMPS |
| Type G3 | Lithonia Luminaire Lighting | VGR12/26DDT GL 277 (borosilicate glass) ARV17-2P1C26-120-OPA-WHT W/LAMPS VGR12/26DDT GL 120 (borosilicate glass) |
| Type R1 | Lithonia | CUSTOM |
| Type S4 | Winona | PL-73-277-LO-BKS-FO-SHO- C2-B3-0-STD |
| Type S5 | Spaulding | WN1-A-H17-H3-F-Q-GR/ ARM-W-6-R4-GR/ RS-A14-40-C-A1-GR |
| Type S5A | Spaulding | WN2-A-H25-H3-F-G-GR/ ARM-W-6-R4-GR/ RSA20-40-C-A1-GR |
| Type V1 | Architectural Area Ltg. | SLVT-04A-1711 SPT15PF |
| Type W1 | Architectural Area Ltg. | SLVT-04A-1712 TR25P1 (with custom modification for lensed top panel) (with custom modification for lensed top panel) |

CHANGE the lighting fixture schedule to include the following additional lighting fixtures:

| | |
|---|---|
| <u>Type: S8</u> | <u>Description:</u> 42 inch high round bollard light with shielding louvers. Fixture finish shall be black. |
| <u>Lamps: (1) MXR100/U/MED/0</u> | |
| <u>Manufacturers: McGraw-Edison # BRL-42-100-MH-MT-BK</u> | |
| <u>Spaulding # MO2-P10-Q-BL</u> | |
| <u>Lithonia # KBR8-100M-R5-LV-TB</u> | |
| <u>Exceline # PRB-10-5-MA-4</u> | |

| | |
|---------------------------------------|--|
| <u>Type: U1</u> | <u>Description:</u> Surface under cabinet task light fixture with acrylic lens. Fixture shall be 120 volt. |
| <u>Lamps: (1) F13T5/MW</u> | |
| <u>Manufacturers: Alcco # SFHP113</u> | |
| <u>Columbia # UCSS21-113-PH120</u> | |
| <u>Lightolier # TSL0113W BPR</u> | |
| <u>Lithonia # UC 21 120</u> | |

CHANGE the lighting fixture schedule deleting the reference to the Prescolite specified luminaire for Type E3 and replacing it with the following:

| | | |
|-----------------|----------|-----------|
| <u>Type: E3</u> | DualLite | REMPD-VRS |
|-----------------|----------|-----------|

ADD: "50/A3.13 SIM." to empty wall section key in Fourth Grade Classroom 227 at Partial Plan A, Alternate 8 Skylights & Light Shafts.

A1.7 REFLECTED CEILING PLAN SECOND FLOOR NORTH

ADD: Note at North end of Storage 259 "Adjust ceiling height as required by louvers and ductwork. Provide vertically mounted acoustic ceiling panels at transition back to typical 9'-0" ceiling height."

A3.4 WALL SECTIONS

CHANGE: detail key at top of interior CMU veneer in wall section 15/A3.4 from "12/A3.13 SIM." to "7A/A3.14"

A3.13 WALL SECTIONS

ADD: Wall Section 50/A3.13 at Alternate #8 Light Shafts per attached ASK-10.

A3.10 WALL SECTIONS

REVISE: Wall section 34/A3.10 to include galvanized 3x3x1/4 steel angle cast into loading dock exposed slab edge similar to 39/A3.11.

A5.5 INTERIOR ELEVATIONS OFFICE AND CLINIC

CHANGE: detail number at Partial Plan at Front Office 105 from "29" to "30".

ADD: swinging gate at Front Office 105 as indicated in attached ASK-11 & ASK-12.

A5.12 INTERIOR ELEVATIONS MAIN LOBBY

ADD: Lobby wood panel joint detail per attached ASK-13.

A7.1 DOOR SCHEDULE; DOOR & FRAME ELEV.; MISC. OPENINGS

CHANGE: Door Number 202.1 from Door Type "A" to "E"

Structural Drawings - General:

ADD: Drawing S.8A "2nd Floor Slab Plan".

ADD: Galvanized L3x3x1/4" Angle cast into concrete slab at the exposed edge of the loading dock. Provide headed studs 4" long at 18" on center into the concrete slab. Weld studs to inside corner of angle at 45 degrees to the horizontal and vertical legs of the angle. Refer to Architectural Wall of Section 39/A3.11. Provide angle at all exposed edges of loading dock slab. (approx. 20 linear feet of L3x3x1/4. G.C. must coordinate with architectural drawings prior to shop drawing submittals) Provide miter joint at the outside corner of the loading dock slab, seam weld and grind smooth prior to galvanizing.

S.1 FOUNDATION PLAN NORTH

CHANGE: Area near Loading Dock Ramp as shown in SSK-1

S.3 SLAB LAYOUT PLAN NORTH

CHANGE: entire drawing S.3 with Drawing S.3R1

S.4 SLAB LAYOUT PLAN SOUTH

CHANGE: entire drawing S.4 with Drawing S.4R1

S.6 CONCRETE DETAILS

CHANGE: Section 3/S1 as shown in SSK-3

S.8 SECOND FLOOR FRAMING PLAN NORTH

E4.1 CLOCK & SOUND SYSTEM RISER

ADD a ceiling mounted speaker for Staff Prep 157 between the clock for Staff Prep 157 and the ceiling mounted speaker for Corridor 160.
ADD a ceiling mounted speaker for Staff Prep 244 between the clock for Staff Prep 244 and the ceiling mounted speaker for Corridor 246.

E4.4 FIRE ALARM RISER DIAGRAM

CHANGE room number for Second Grade 160 to Second Grade 166.

E4.4 SECURITY SYSTEM WIRING DIAGRAM

DELETE door number 136.2 from the list of doors (no card reader, exit device, or door contact switch).
ADD door contact switch connections only for the following doors: 152.2, 169.2, 312.1, 312.2.

END OF ADDENDUM #4

| | | | |
|---------------|---|------------|---------------|
| Alternate #4 | Equipment Shed | ADD | \$ _____ |
| Alternate #5A | Carbon Dioxide Sensors | ADD | \$ _____ |
| #5B | NOSE Technology Sensors | ADD | \$ _____ |
| Alternate #6 | Card Reader System | ADD | \$ _____ |
| Alternate #7 | Upgrade Bituminous curb to Granite curb at service drive | ADD | \$ _____ |
| Alternate #8 | Add twelve (12) skylights – 3x3 In 2 nd floor classrooms and six (6) Light tubes in 1 st floor classrooms | ADD | \$ _____ |
| Alternate #9 | Upgrade asphalt sidewalk at entrance to concrete or concrete pavers | ADD | \$ _____ |
| Alternate #10 | Ballfield drainage layer and underdrain | ADD | \$ _____ |
| Alternate #11 | Site Improvements - additional landscaping (Playground & Courtyard) | ADD | \$ _____ |
| Alternate #12 | Energy Use Monitoring Provisions | ADD | \$ _____ |
| Alternate #13 | Overlay pavement on Public Streets | ADD | \$ _____ |
| | | | |
| C. | <u>UNIT PRICE SCHEDULE</u> | <u>ADD</u> | <u>DEDUCT</u> |
| 1. | Open Excavation including backfill, per cubic yard | _____ | _____ |
| 2. | Rock excavation, per cubic yard-open (indicate same amount for Add & Deduct) | _____ | _____ |
| 3. | Rock excavation, per cubic yard-trench (indicate same amount for Add & Deduct) | _____ | _____ |
| 4. | Structural Fill, per cubic yard | _____ | _____ |
| 5. | Crushed Stone, per cubic yard | _____ | _____ |

E. Filed Subcontract Proposals as follows: (List those trades required, but do not combine trades, except as called for)

| <u>Trade</u> | <u>Name of Subcontractor</u> | <u>Base Bid Amount</u> |
|--|------------------------------|------------------------|
| 1. <u>Site Work</u> | _____ | \$ _____ |
| 2. <u>Plumbing Heating & Ventilating</u> | _____ | \$ _____ |
| 3. <u>Electrical:</u> <u>Division 16. All</u> <u>Sections / All Drawings</u> | _____ | \$ _____ |

The undersigned agrees that each of the above named Subcontractors represents a bonafide Subproposal based on the Plans and Specifications and will be used for the Work indicated at eh Amount stated, unless a substitution is made by mutual agreement as provided for in Section 1, Paragraph 6, "Instruction to Bidders". In the event Alternate Prices are requested and various trades are involved, the General Contractor may use properly filed Subproposals even though a change in Subcontractors from those carried in his Base Proposal may occur. If he does use different Subcontractors because of Alternates, he shall use supplemental sheets attached to the Proposal Form (2-B1) to indicate such changes.

F. The undersigned agrees, if this Proposal is accepted, to sign a Contract and deliver it, along with the Bonds and Affidavits of all Insurance specified within twelve (12) calendar days after the date of notification of such acceptance, except if the 12th day falls on a holiday, a Saturday or Sunday, then the conditions will be fulfilled if the required documents are received before 12 O'Clock noon on the day following the holiday, or the Monday following the Saturday or Sunday and as a guarantee thereof, herewith submits a Certified or Cashier's Check or Bid Bond as required.

The undersigned agrees that each of the above Subcontractors represents a bonafide Subproposal based on the Plans and Specifications and will be used for the Work indicated at the Amount stated, unless a substitution is made by mutual agreement as provided for in the Instructions to Bidders. In the event Alternate Prices are requested and various trades are involved, General Contract Bidders may use properly filed Subproposals even though a change in Subcontractors from those carried in the Base Bid may occur. If different Subcontractors are used because of Alternates, attach supplemental sheets to this Bid Form (2-B1) to indicate such changes.

The undersigned agrees, if awarded the Contract, to complete the work to allow occupancy of building as described in Section 01010 "Summary of Work".

MAINE CONSTRUCTION BID DEPOSITORY
(PUBLIC SCHOOL PROJECTS)
PROPOSAL FORM FOR SUBCONTRACTORS (EXCEPT DIVISION 2)
LONG FORM

To: _____

For green envelope copy, list any general contractor(s) excluded from your bid.

PROJECT: _____

DIVISION QUOTED: _____

PRICE QUOTED: DIVISION _____ \$ _____

A. The undersigned propose to furnish all labor and materials required for completing in accordance with the hereinafter described plans, specifications, general conditions and addenda, all the work specified in the above stated section(s) of the specifications and contract drawings dated July 15, 2004 prepared by Stephen Blatt Architects.

B. Alternate prices are submitted as follows: (Use separate sheets as necessary).

| | | |
|-------------------------|--------------|-----------------|
| Alternate No. <u>2</u> | Add \$ _____ | Deduct \$ _____ |
| Alternate No. <u>3</u> | Add \$ _____ | Deduct \$ _____ |
| Alternate No. <u>4</u> | Add \$ _____ | Deduct \$ _____ |
| Alternate No. <u>5A</u> | Add \$ _____ | Deduct \$ _____ |
| Alternate No. <u>5B</u> | Add \$ _____ | Deduct \$ _____ |
| Alternate No. <u>6</u> | Add \$ _____ | Deduct \$ _____ |
| Alternate No. <u>8</u> | Add \$ _____ | Deduct \$ _____ |
| Alternate No. <u>12</u> | Add \$ _____ | Deduct \$ _____ |

C. The subcontract proposal includes the following addenda to the drawings and specifications: (List addenda and issue date of each)

D. The undersigned agrees that, if he is selected as a subcontractor, he will execute with the selected general contractor, a subcontract in accordance with the terms of this subproposal, and furnish the general contractor with a 100% performance bond and a 100% payment bond for his portion of the work.

E. _____ License # (if applicable) _____
(Firm Name of Sub-bidder)
Signed by: _____
Address: _____
Street City State Zip

F. All foreign corporations intending to do business in Maine must comply with the provisions of 13A M.R.S.A., Chapter 12 and shall contact the Secretary of State for compliance.

C. Accessories: Aluminum or zinc castings shall be used for all rail ends, post caps, and miscellaneous hardware. All castings shall be products of the U.S.A. Only stainless steel fasteners may be used with these accessories.

2.03 Finish:

A. Pretreatment: A five-stage non-chrome pretreatment shall be applied. The first step shall be a chemical cleaning, followed by a water rinse. The final stage shall be a dry-in-place activator, which produces a uniform chemical conversion coating for superior adhesion.

B. Coating: Fence materials shall be coated with FencCoat™, a TGIC polyester powder-coat finish system applied by Jerith Manufacturing Company. Epoxy powder coatings, baked enamel or acrylic paint finishes are not acceptable. The FencCoat finish shall have a cured film thickness of 2-3 mils minimum.

C. Tests: The cured FencCoat finish shall meet the following:

1. Humidity resistance of 1,000 hours using ASTM D2247.
2. Salt-spray resistance of 1,000 hours using ASTM B117.
3. Accelerated weathering for 1,000 hours under Method 6152 of Federal Test Method 141 shall show no adhesion loss, with only slight fading, chalking and water staining.
4. Outdoor weathering shall show no adhesion loss, checking or crazing, with only slight fade and chalk when exposed for 1 years in Florida facing south at a 45-degree angle.
5. Minimum hardness of 2H using ASTM D3363.

2.04 Manufacture and Fabrication:

A. Fence Sections shall be manufactured with 1" square x 18 gauge (.049) tubing welded every 12" to the top and bottom of welded wire panels. Welded wire panels shall be comprised of [2 (.2625"), 4 (.2253"), or 6 (.192") gauge] Washburn & Moen Standard vertical wires and 6 (.192") gauge verticals. Verticals of 2 (.2625") and 4 (.2253") gauge shall be placed 3.5" on center and 6 (.192") gauge verticals shall be placed on 1.75" centers. Horizontal wire shall be 6 gauge and spaced to provide style differences but no further apart than would allow for substantial rigidity of vertical wires. Horizontal and vertical wires shall be assembled by automatic machines or other suitable mechanical means that will ensure accurate spacing and alignment of all members of the finished fabric. The wires shall be connected at every intersection by electric resistance welding in accordance with all requirements in ASTM A185. Sections shall be capable of supporting a 550 lb load applied vertically at midspan and a concentrated load of 225 lbs applied horizontally at midspan without permanent deformation.

- E. Check each post for vertical and top alignment, and maintain in position during placement and finishing operation.
- F. Align fence panels between posts. Firmly attach rail brackets to posts with 1/4" (6 mm) bolt and lock nut, ensuring panels and posts remain plumb.

3.03 GATE INSTALLATION

- A. Install gates plumb, level and secure for full opening without interference.
- B. Attach hardware by means which will prevent unauthorized removal.
- C. Adjust hardware for smooth operation.

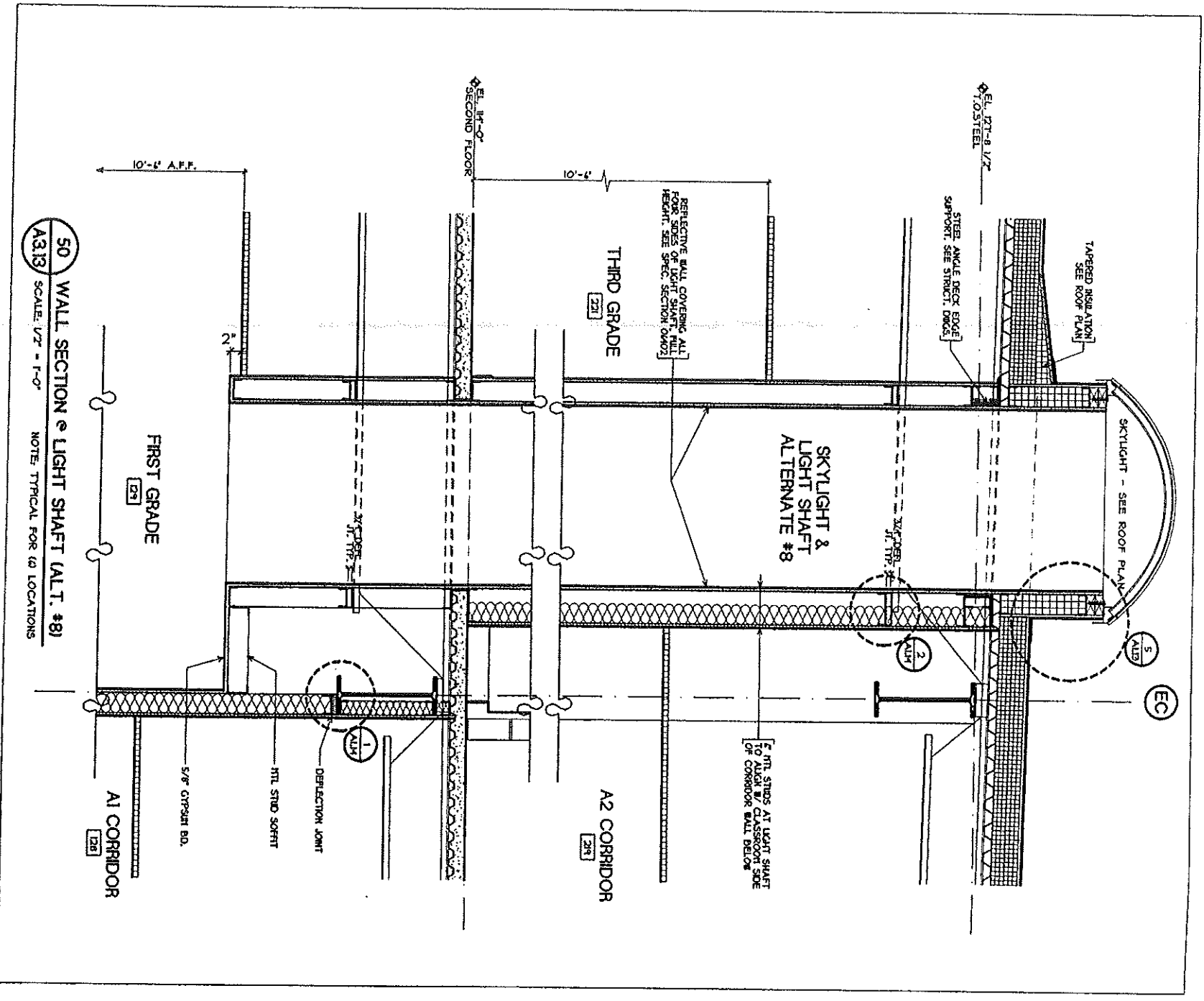
3.04 ACCESSORIES

- A. Install post caps and other accessories to complete fence.

3.05 CLEANING

- A. Clean up debris and unused material, and remove from site.

END OF SECTION 02825

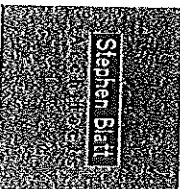


50 WALL SECTION OF LIGHT SHAFT (ALT. #8)
 A3.13 SCALE: 1/2" = 1'-0" NOTE: TYPICAL FOR (2) LOCATIONS

East End School
 Portland, Maine

Addendum #4

Reference: A3.13



Date: August 10, 2004

ASK-10