

ADDENDUM NO. 3, APRIL 30, 2009

RE: Ocean Avenue Elementary School
Portland, Maine
A/E Comm. No. 3316.10

City of Portland RFP No. 7109
BGS project No. 723

FROM: WBRC Architects-Engineers
141 Preble Street
Portland, Maine 04101
Tel: (207) 828-4511

City of Portland, Purchasing Department
389 Congress Street
Portland, Maine 04101
Tel: (207) 874-8654

TO: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated April 02, 2009, as noted below. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of the following:

- Clarifications
- Document Changes
- Specification Changes
- Drawing Changes
- Section 2B-1
- Section 2B-2
- ADD3-AE102-C-1
- ADD3-AE103-B-1
- ADD3-AE201-1
- ADD3-AE304-1
- ADD3-AE306-1
- ADD3-AE504-1 & ADD3-AE504-2
- ADD3-AE508-1
- ADD3-PL601-1
- ADD3-E-001-1
- ADD3-ES101-1
- ADD3-ES501-1

CLARIFICATIONS:

1. *Is temporary light and power to be included in Div. 26?* The cost for temporary utilities shall be carried by the General Contractor as per Section 015000, Temporary Facilities and Controls.

DOCUMENT CHANGES:

2. Section 2B-1, Proposal Form for General Contractors, DELETE in its entirety and REPLACE with the attached Section 2B-1.
3. Section 2B-2, Proposal Form for Subcontractors, DELETE in its entirety and REPLACE with the attached Section 2B-2.

SPECIFICATION CHANGES:

4. Section 011000, Summary, Par. 1.6.b.2, ADD the following:

“Contractor to provide 1 1/2-inch painted steel pipe drop with threaded connection. Anchor pipe to 4x4x3/8 angle strut spanning between adjacent beams/joists as required to support pipe (Supplied under section 05 50 00). Provide escutcheon ring where pipe passes through APC, Typical. Confirm final location of drop and pipe size with Owner.”
5. Section 012300, Alternates:
 1. Par. 3.1.A.2, DELETE in its entirety and REPLACE with the following: “ 2. Alternate: If the City of Portland does not construct the proposed sewer separation project on the south side of the Ocean Avenue Elementary School site during the school construction period, then the following alternate will replace the base bid item for the school’s sanitary service connection. Connect building sewer to existing City line on south side of the parcel to meet City design standards. This connection will not be at a manhole.”
6. Section 054000, Cold Formed Metal Framing, Par. 3.5.H, DELETE in its entirety.
7. Section 055000, Metal Fabrications:
 - Par. 1.2.A.10, DELETE in its entirety. Bollards to be provided and installed as detailed on C501 as a part of the Sitework sub-proposal.
 - Par. 3.4, DELETE in its entirety
8. Section 066400, Plastic Paneling:
 - Par. 2.1.A, DELETE in its entirety and REPLACE with the following:

“A. Homogenous panel manufactured using mixture of calcium carbonate, fiberglass and resin (FRP). Meet USDA requirements.

 1. Manufacturers: Subject to compliance with requirements, provide products by the following:
 - a. Marlite Standard FRP.
 2. Nominal thickness: Not less than 3/32 inch.
 3. Surface finish: Pebbled surface.
 4. Color: to be selected by Architect from Manufacturer’s full range.
 - Par. 2.2.A, DELETE in its entirety and REPLACE with the following:

“A. Trim accessories: Provide Manufacturer’s standard PVC trim moldings to match adjacent wall panels. Provide edge moldings at top and bottom of panels, division moldings between panels and preformed inside and outside corners at all corner locations.”
 - Par. 2.2.B, DELETE in its entirety.
 - Par. 2.2.C, DELETE in its entirety.
9. Section 072100, Thermal Insulation, Par. 3.4.A.1, DELETE in its entirety and REVISE to read:

“Extend insulation down to top of footing.”

10. Section 072700, Air Barriers, Par. 3.2, ADD paragraph B. “B. Seal sheathing joints according to Air Barrier manufacturer’s recommendations and as compatible with Exterior Gypsum Sheathing system.”
11. Section 076200, Sheet Metal Flashing and Trim, Par. 3.5.B.1, CHANGE “8 inches” to “12 inches.”
12. Section 092900, Gypsum Board:
 - Par. 2.3.A.1, ADD Subpar. b as follows: “b. Lafarge Gypsum, Buchanan, NY plant.”
 - Par. 2.4.A.2, CHANGE Thickness: 5/8 inch.
 - Par. 2.7, DELETE in its entirety.
 - Par. 3.4, DELETE in its entirety.
 - Par. 3.6.A, DELETE in its entirety and REPLACE with the following: “A. Cementitious Backer Units: ANSI A 108.11, at locker rooms and toilet rooms.”
13. Section 093000, Tiling:
 - Par. 2.3, DELETE in its entirety
 - Par. 3.3, DELETE in its entirety.
 - Par. 3.8.B.1.a, AFTER the word “corridor”, ADD “, lobby, and vestibule”.
 - Par. 3.8.B.2.a, AFTER the word “tile”, ADD “at toilet and locker room locations”
14. Section 105126, Plastic Lockers:
 - Par. 3.4.A.11.c, ADD Subpar. 1. As follows: “1. Install filler panels, to match adjacent lockers, as needed so final installation of lockers and fillers is a monolithic flush wall to wall condition, full height of lockers.”
 - Par. 3.4.C.11.c, ADD Subpar. 1. As follows: “1. Install filler panels, to match adjacent lockers, as needed so final installation of lockers and fillers is a monolithic flush wall to wall condition, full height of lockers.”
15. Section 122413, Roller Shades:
 - Par. 2.3.B.1, ADD Subpar. a. as follows: “a. Horizontal seams may be necessary to fabricate shades to cover glazing. Locate such horizontal seams so when shades are drawn in closed position, they align with horizontal window mullions.”
 - Par. 2.3.D, DELETE in its entirety and REPLACE with the following:
 - “D. Direction of roll:
 - 1. Windows with a single shade: Regular, from back of roller.
 - 2. Windows with both a light filtering and room darkening shade: Room darkening shade direction of roll to be regular, from back of roller. Light filtering direction of roll to be reverse, from front of roller.”

- Par. 3.5.A. DELETE in its entirety and REPLACE with the following:

“A. Provide roller shades as indicated below:

1. Exterior windows at South Facing Rooms with interior light shelves: Install both a light filtering and room darkening roller shade at each window. Light filtering shades to be installed so top of shade aligns with the top of interior light shelf. Blackout shades to be installed at top (head) of window opening. Both shades to extend to sill.
2. Exterior windows at East, West and North Facing Rooms: Install light filtering shades only. Install light filtering shades at top (head) of window opening and extend to sill.
3. Interior Window treatments are only required in Social Work #127 and Resource #152B. Install blackout shades on observation window within Soc Work #127. Install blackout shades over door glazing, on both leafs, of door #152B (Resource #152 side).
4. Cafeteria #103: Install light filtering shades only at seven lowest exterior windows on East face and at two North face exterior windows.
5. Library #149: Install light filtering shades only at five lowest exterior windows and at each exterior door glazing panel.
6. Exclusions: Do not provide roller shades in Vestibules, Lobby, Stairs, Gym or interior windows or storefront except as noted in #3 above.”

16. Section 220553, Identification for Plumbing Piping and Equipment:

- ADD Par. 2.4 as follows:

“2.4 CEILING DOTS

- A. Self-adhesive labels, color-coded removable paper dots, 3/4” diameter, Seton Blank Inventory Labels. Coordinate color scheme with Owner.”

- ADD Par. 3.5 as follows:

“3.5 CEILING DOT INSTALLATION

- A. Provide ceiling dots on ceiling grid locating concealed plumbing equipment above finished ceilings. Coordinate color scheme with Owner.”

17. Section 223500, Domestic Water Heat Exchangers, Par. 2.2, DELETE in its entirety.

18. Section 230553, Identification for HVAC Piping and Equipment:

- ADD Par. 2.6 as follows:

“2.6 CEILING DOTS

- A. Self-adhesive labels, color-coded removable paper dots, 3/4” diameter, Seton Blank Inventory Labels. Coordinate color scheme with Owner.”

- ADD Par. 3.6 as follows:

“3.6 CEILING DOT INSTALLATION

- A. Provide ceiling dots on ceiling grid locating concealed mechanical equipment above finished ceilings. Coordinate color scheme with Owner.”

19. Section 265600, Exterior Lighting:

- ADD Par. 1.6, ADD Subpar C as follows: “C. Package aluminum poles for shipping according to ASTM B 660.”

- Par. 2.6 DELETE in its entirety and REPLACE with the following:

“2.6 ALUMINUM POLES

- A. Poles: Seamless, extruded structural tube complying with ASTM B 429/B 429M, Alloy 6063-T6 with access handhole in pole wall.
 - 1. Shape: Round, straight or Square, straight, as indicated.
 - 2. Mounting Provisions: Butt flange for bolted mounting on foundation.
- B. Grounding and Bonding Lugs: Welded 1/2-inch threaded lug, complying with requirements in Division 26 Section "Grounding and Bonding for Electrical Systems," listed for attaching grounding and bonding conductors of type and size listed in that Section, and accessible through handhole.
- C. Brackets for Luminaires: Detachable, with pole and adapter fittings of cast aluminum. Adapter fitting welded to pole and bracket, then bolted together with stainless-steel bolts.
 - 1. Tapered oval cross section, with straight tubular end section to accommodate luminaire.
 - 2. Finish: Same as pole and luminaire.
- D. Aluminum Finish: Thermoset polyester powder coat paint applied over a titanated zirconium conversion coating.
 - 1. Color: As selected by Architect from manufacturer's standard range.”

20. Section 270500, Common Work Results for Communications, Par. 1.2, ADD Subpar. B as follows:

“B. Related Sections include the following:

- 1. Division 1 Section 019113 “General Commissioning Requirements”.”

21. Section 312000, Earth Moving:

- Par. 1.2.A.9, ADD the following: “including all underslab utility piping within the building.”
- Par. 3.8 Excavation for Elevator Cylinder – This section describes the responsibility of the site contractor for this work.
- Par. 3.8.B, DELETE in its entirety and REPLACE with the following: “B. Coordinate with elevator contractor the excavation and backfill of elevator appurtenances.”

DRAWING CHANGES:

- 22. Sheet CD101, Site Demolition and Preparation Plan, change note 13 and L-1 change note 22 – “When this project begins the Katsura and two oak trees will have already been transplanted to a holding area on the southwest side of the existing building. Site contractor shall be responsible for protecting the holding area as per the tree protection specifications outlined on drawing L-2, replanting the trees during planting operations in the locations indicated on drawing L-1, and providing water to the City arborist who will care for the trees during the construction period.”
- 23. Drawing C501, Flag Pole Base Detail, ADD the note: “Site contractor shall provide, excavate, install, and backfill six flagpole base structures. Final location of these structures will be determined by the designer. One base is for the flagpole. Five of the bases are for proposed Owner provided artwork that will be located in the area of the entrance plaza.”
- 24. Sheet AE101-A, First Floor Plan Seg. A, Music #114, ADD Light Shelves at all exterior windows in Music 114 as per Detail E11-AE508.
- 25. Sheet AE102-C, Second Floor Plan Seg. C, REVISE portions as indicated on Sketch ADD3-AE102-C-1.

26. Sheet AE103-B, First Floor Reflected Ceiling Plan Seg. B, REVISE portions as indicated on Sketch ADD3-AE103-B-1.
27. Sheet AE201, Exterior Elevations, REVISE portions as indicated on Sketch ADD3-AE201-1.
28. Sheet AE202, Exterior Elevations, Key Plan, CHANGE elevation reference “N7” to “N6”.
29. Sheet AE304, Wall Sections, REVISE portions as indicated on Sketch ADD3-AE304-1.
30. Sheet AE306, Wall Sections, REVISE portions as indicated on Sketch ADD3-AE306-1.
31. Sheet AE504, Wall Details, REVISE portions as indicated on Sketches ADD3-AE504-1 and ADD3-AE504-2.
32. Sheet AE508, Window Details, REVISE portions as indicated on Sketch ADD3-AE508-1.
33. Sheet PL601, Plumbing Legend & Schedules, REVISE portions as indicated on Sketch ADD3-PL601-1.
34. Sheet E-001, Electrical Legend & Light Fixture Schedule, REVISE portions as indicated on Sketch ADD3-E-001-1.
35. Sheet ES101, Site Electrical Plan, REVISE portions as indicated on Sketch ADD3-ES101-1.
36. Sheet ES501, Site Electrical Details, REVISE portions as indicated on Sketch ADD3-ES501-1.

END OF ADDENDUM

SECTION 2-B-1
 PROPOSAL FORM FOR GENERAL CONTRACTORS
 (PUBLIC SCHOOL PROJECTS)

BIDDER: _____

TO: _____

A. Having carefully examined the form of contract, general conditions, special provisions and plans and specifications dated _____, Prepared by _____ architect/engineer For _____ as well as the premises and conditions affecting the work, we the undersigned propose to furnish all labor, equipment, and materials necessary for and reasonably incidental to the construction and completion of this proposal for the amount of:

\$ _____

The above amount includes the following allowances: Refer to Section 012100

Allowance Item No. 1: Interior Signs	\$ <u>15,000</u>
Allowance Item No. 2: Excess Electrical Utility Allowance	\$ <u>25,000</u>

B. Alternate prices as follows: Refer to Section 012300

Alternate No. 1: City Sewer Connection	Add	\$ _____
Alternate No. 2: Bleachers	Add	\$ _____
Alternate No. 3: Stage Curtains	Add	\$ _____
Alternate No. 4: Anti Graffiti Protection	Add	\$ _____
Alternate No. 5: Upgraded State Lighting	Add	\$ _____
Alternate No. 6: Not Used	Add	\$ _____
Alternate No. 7: Sun Shades	Add	\$ _____
Alternate No. 8: Stainless Steel Door Frames	Add	\$ _____

C. Unit Price Items: The undersigned agrees to perform additional work as ordered, or to allow for work ordered omitted, at the following prices which shall not vary by more than 10% and Deduct unit price shall be at least 90% of the add unit price: Refer to Section 012200

		Unit Price Item Additional Per Cu. Yd.	Unit Price Cost Omitted Per Cu. Yd.
1)	Excavation and Removal	\$ _____	\$ _____
2)	Excavation and Backfill (open)	\$ _____	\$ _____
3)	Excavation and Backfill (trench)	\$ _____	\$ _____
4)	Rock Excavation and Removal (open)	\$ _____	\$ _____

5)	Rock Excavation and Removal (trench)	\$ _____	\$ _____
6)	Granular Borrow Fill	\$ _____	\$ _____
7)	Gravel Base	\$ _____	\$ _____
8)	Gravel Subbase	\$ _____	\$ _____
9)	Bio-Retention Bed Underdrain Material	\$ _____	\$ _____
10)	Bituminous Pavement HMA 12.5 mm (per ton)	\$ _____	\$ _____
11)	Bituminous Pavement HMA 19.0 mm (per ton)	\$ _____	\$ _____
12)	4" perforated Type B Underdrain (Lin. Ft.)	\$ _____	\$ _____
13)	12" corrugated Polyethylene pipe (Lin. Ft.)	\$ _____	\$ _____
14)	Impervious Pond Liner (Sq. Ft.)	\$ _____	\$ _____

C. This proposal includes the following addenda to the plans and specifications:

Addendum No. _____, Dated _____ Addendum No. _____, Dated _____
 Addendum No. _____, Dated _____ Addendum No. _____, Dated _____
 Addendum No. _____, Dated _____ Addendum No. _____, Dated _____

D. 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>Amount</u>
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____

The undersigned agrees that each of the above named subcontractors represents a bonafied 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 section 1, paragraph 6, "Instructions 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.

E. 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, if awarded the contract, to complete the work on or before _____.

This proposal includes the cost of a 100% performance bond and a 100% payment bond.

Signed _____

By _____

Address _____

NOTE: If bidder is a corporation, write State of incorporation, and if a partnership, give full names of all partners.

2-B2
 MAINE CONSTRUCTION BID DEPOSITORY
 (PUBLIC SCHOOL PROJECTS)
 PROPOSAL FORM FOR SUBCONTRACTORS
 LONG FORM

To: _____

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

PROJECT: _____

SECTION(S) QUOTED: _____

PRICE QUOTED: SECTION _____ \$ _____ SECTION _____ \$ _____
 SECTION _____ \$ _____ SECTION _____ \$ _____
 SECTION _____ \$ _____ SECTION _____ \$ _____
 TOTAL COMBINED PRICE (if applicable) SECTIONS _____ \$ _____

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 _____.

Prepared by _____ architect/engineer.

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

Alternate No. 1: City Sewer Connection	Add	\$ _____
Alternate No. 2: Bleachers	Add	\$ _____
Alternate No. 3: Stage Curtains	Add	\$ _____
Alternate No. 4: Anti Graffiti Coatings	Add	\$ _____
Alternate No. 5: Upgraded State Lighting	Add	\$ _____
Alternate No. 6: Not Used	Add	\$ _____
Alternate No. 7: Sun Shades	Add	\$ _____
Alternate No. 8: Stainless Steel Door Frames	Add	\$ _____

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 contract with a 100% performance bond and a 100% payment bond for his portion of the work.

E. _____ License # (if applicable) _____

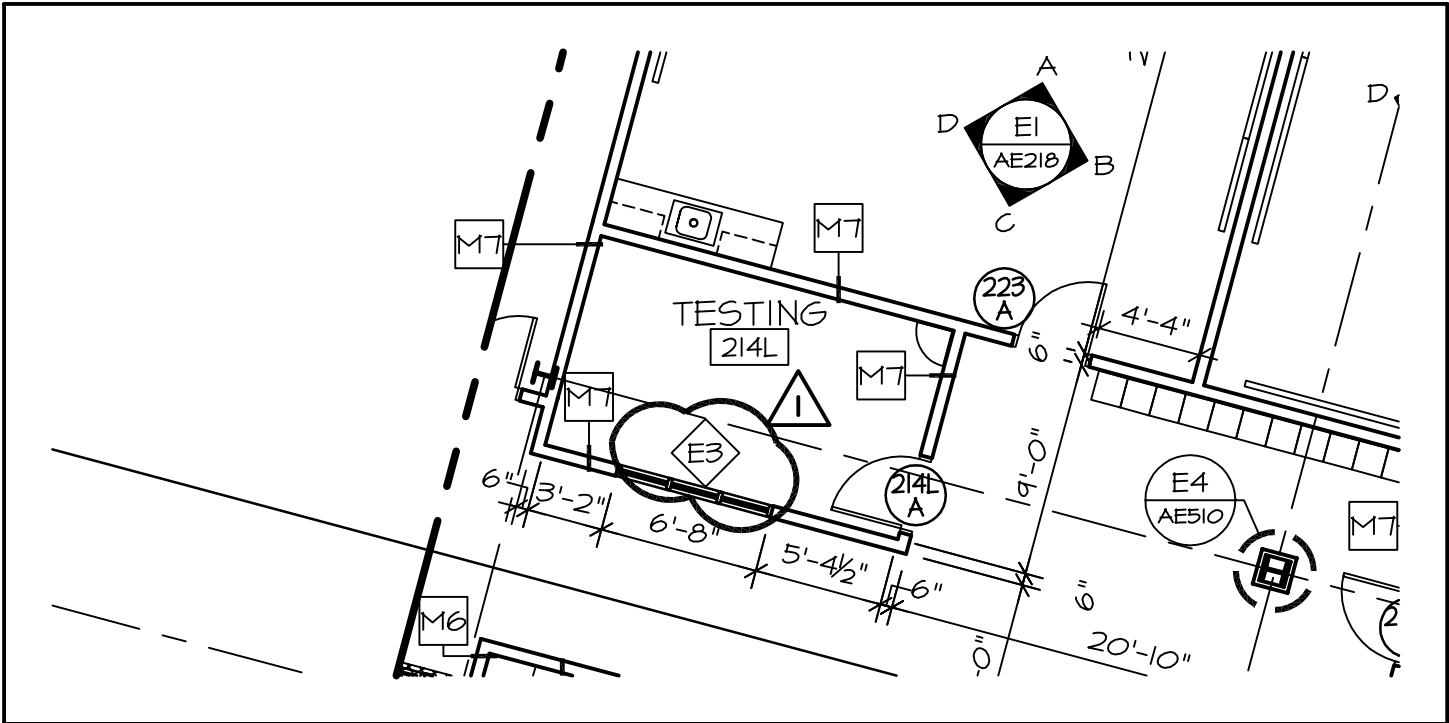
(Firm Name of Sub-bidder)

Signed by: _____ Date _____

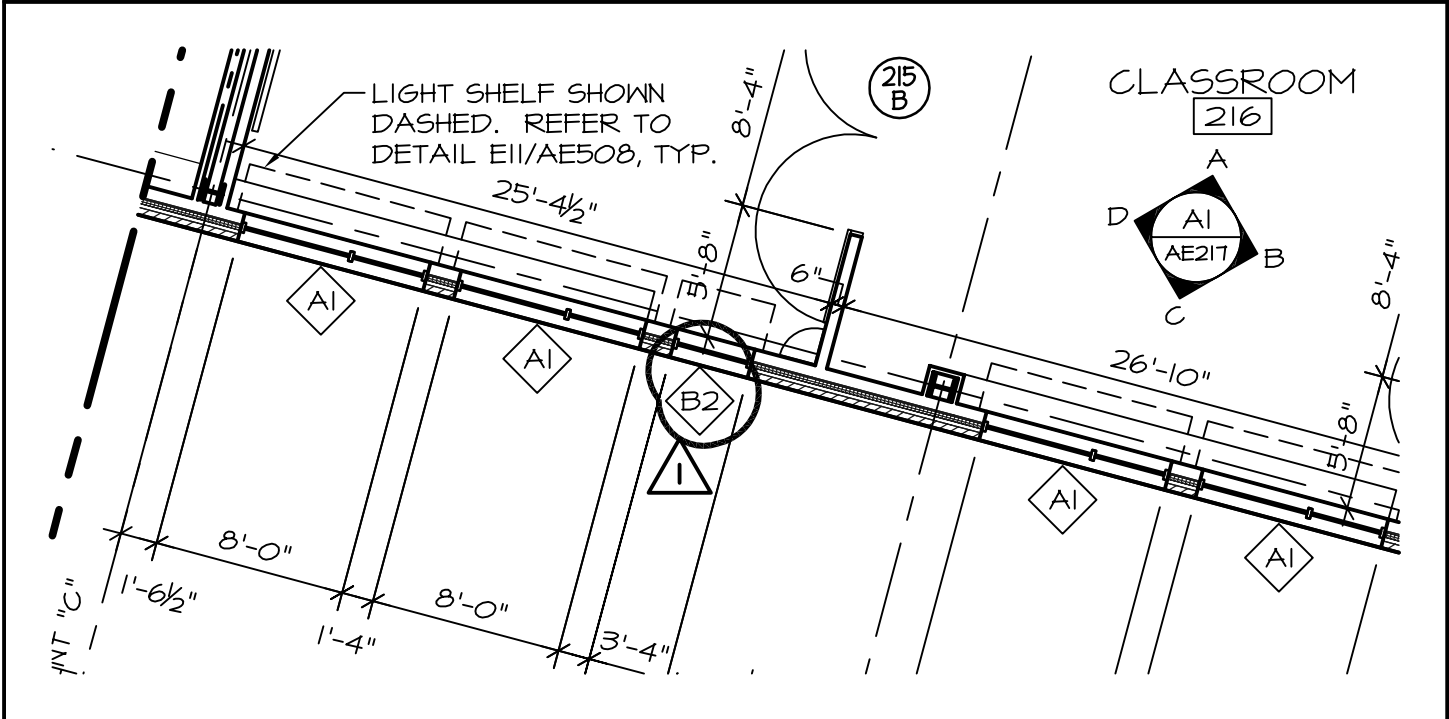
Address _____

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.



PARTIAL PLAN



A1 **SECOND FLOOR PLAN SEG. C**

1/8"=1'-0" -- **PARTIAL PLAN**

WBRC
ARCHITECTS · ENGINEERS

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PORTLAND, MAINE
207-828-4311
SARASOTA, FLORIDA
941-536-0757
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SCALE: 1/8" = 1'-0"

WBRC CAD FILE: 331610

PROJECT No. 331610

JOB CAP/DRAW: TRJ

PM: MEJ SHEET No.

CHECKED BY: MEJ ADD3-AE102-C-1

DATE: 04-30-2009

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OCEAN AVENUE ELEMENTARY SCHOOL

PROJECT:

**ADDENDUM #3
ADDED WINDOW TAGS**

SHEET TITLE:

NOTE CHANGE SIMILAR ON SHEETS
 2 AE103-A, AE103-B, AE103-C,
 AE104-A, AE104-B, AE104-C

JI
 AE305

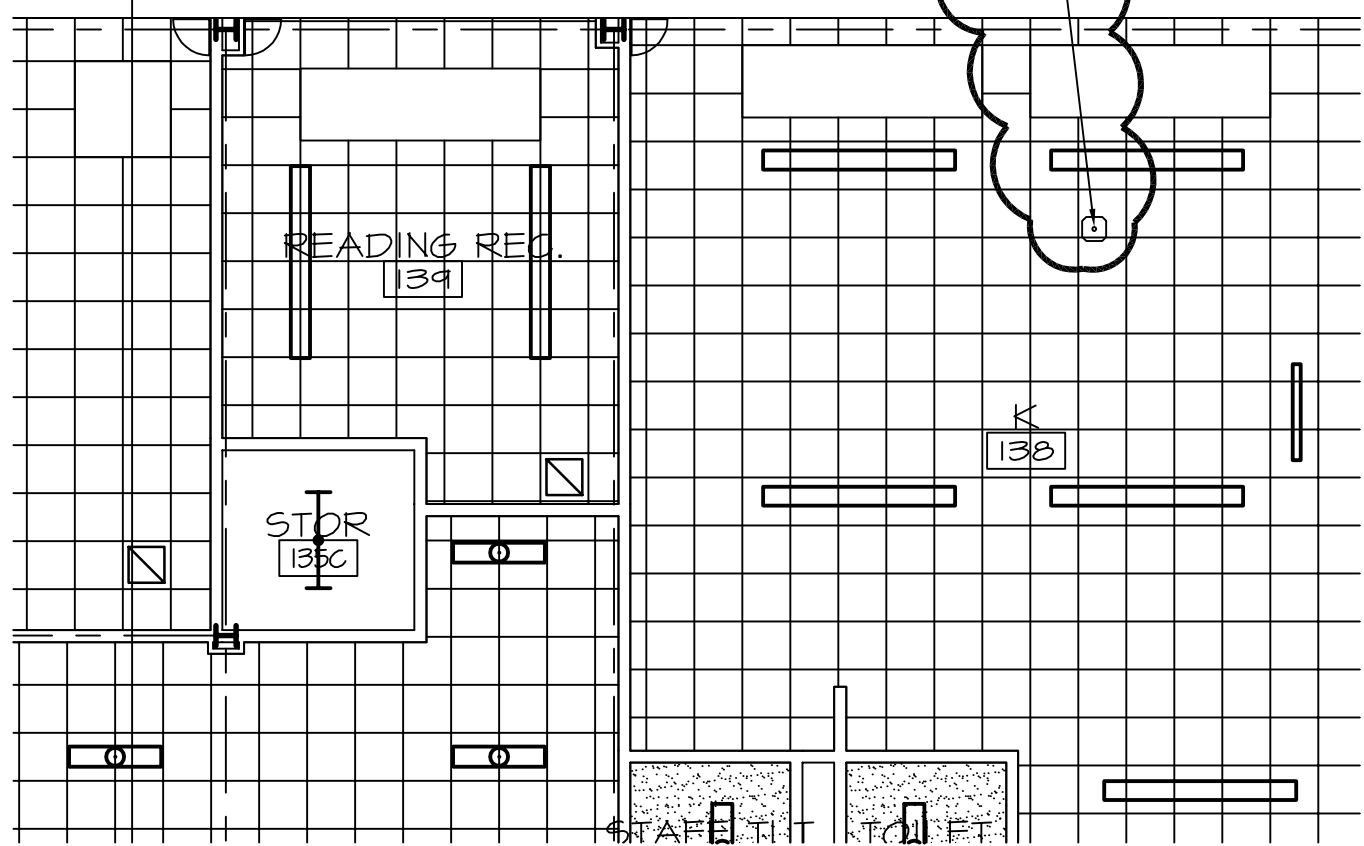
PROJECTOR CEILING MOUNT BRACKET (05/C1).
 CONTRACTOR TO PROVIDE 1 1/2" PAINTED STEEL
 PIPE DROP WITH THREADED CONNECTION.
 ANCHOR PIPE TO 4X4X3/8 ANGLE STRUT
 SPANNING BETWEEN ADJACENT BEAMS/JOISTS
 AS REQUIRED TO SUPPORT PIPE (SUPPLIED
 UNDER SECTION 05 50 00). PROVIDE
 ESCUTCHEON RING WHERE PIPE PASSES THROUGH
 APC, TYPICAL. CONFIRM FINAL LOCATION OF
 DROP AND PIPE SIZE WITH OWNER

APC-2
 9'-0"

APC-2
 9'-0"

-PAINT SOFFIT
 PT-6

GWB
 8'-4"



AI FIRST FLOOR REFLECTED CEILING PLAN SEG. B

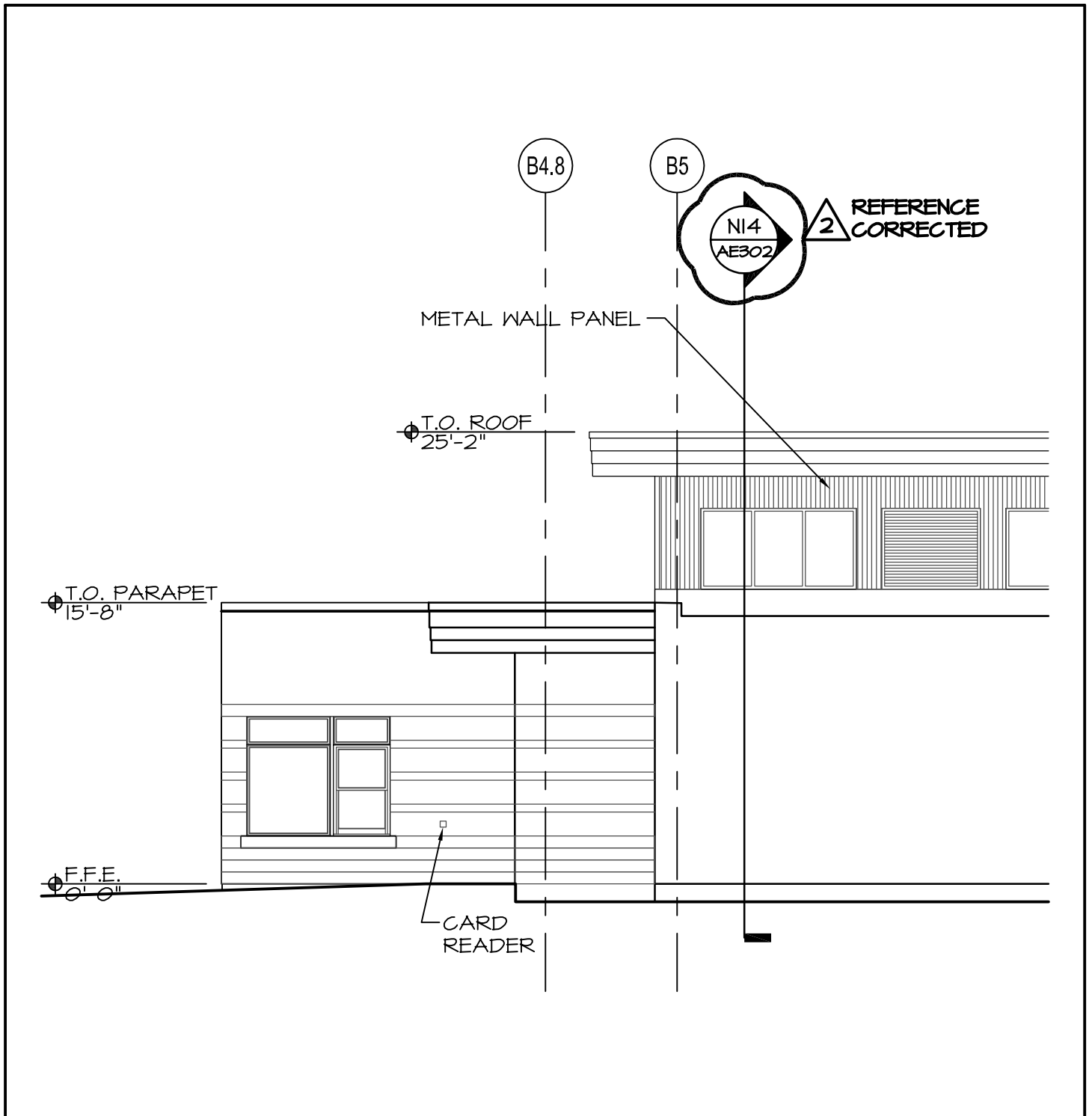
1/8" = 1'-0" -- **PARTIAL PLAN**

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SCALE:	1/8" = 1'-0"
WBRC CAD FILE:	331610
PROJECT No.	331610
JOB CAP/DRAW:	TRJ
PM: MEJ	SHEET No.
CHECKED BY: MEJ	ADD3-AE103-B-1
DATE: 04-30-2009	© COPYRIGHT 2007 WBRC

OCEAN AVENUE ELEMENTARY
 SCHOOL
 PROJECT:
 SHEET TITLE: **ADDENDUM #3**
PROJECTOR MOUNT NOTE REVISTION



E9	SEG. A SOUTH ELEVATION
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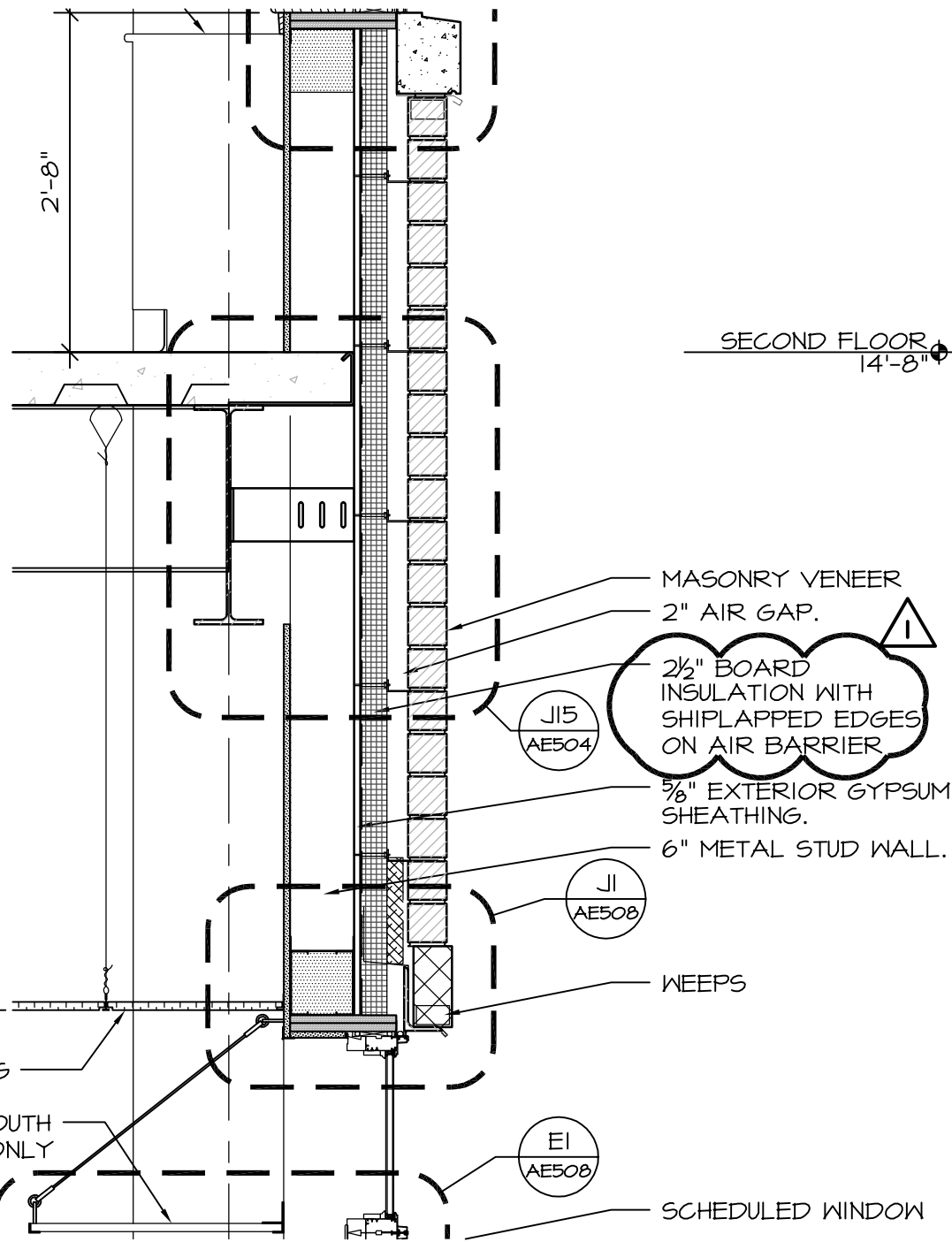
1/8" = 1'-0"	AE101-A, AE102-A	PARTIAL ELEVATION
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OCEAN AVENUE ELEMENTARY SCHOOL

PROJECT: **ADDENDUM #3**
 SHEET TITLE: **REVISED CALLOUT**

SCALE:	1/8" = 1'-0"
WBRC CAD FILE:	331610
PROJECT No.	331610
JOB CAP/DRAW:	TRJ
PM: MEJ	SHEET No.
CHECKED BY: MEJ	ADD3-AE201-1
DATE: 04-30-2009	© COPYRIGHT 2009 WBRC



A15 **TYPICAL WALL SECTION** (PARTIAL DETAIL)

3/4" = 1'-0" AE301

WBRC ARCHITECTS · ENGINEERS

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SCALE: 3/4" = 1'-0"

WBRC CAD FILE: 331610

PROJECT No. 331610

JOB CAP/DRAW: TRJ

OCEAN AVENUE ELEMENTARY SCHOOL

PROJECT:

PM: MEJ SHEET No. ADD3-AE304-1

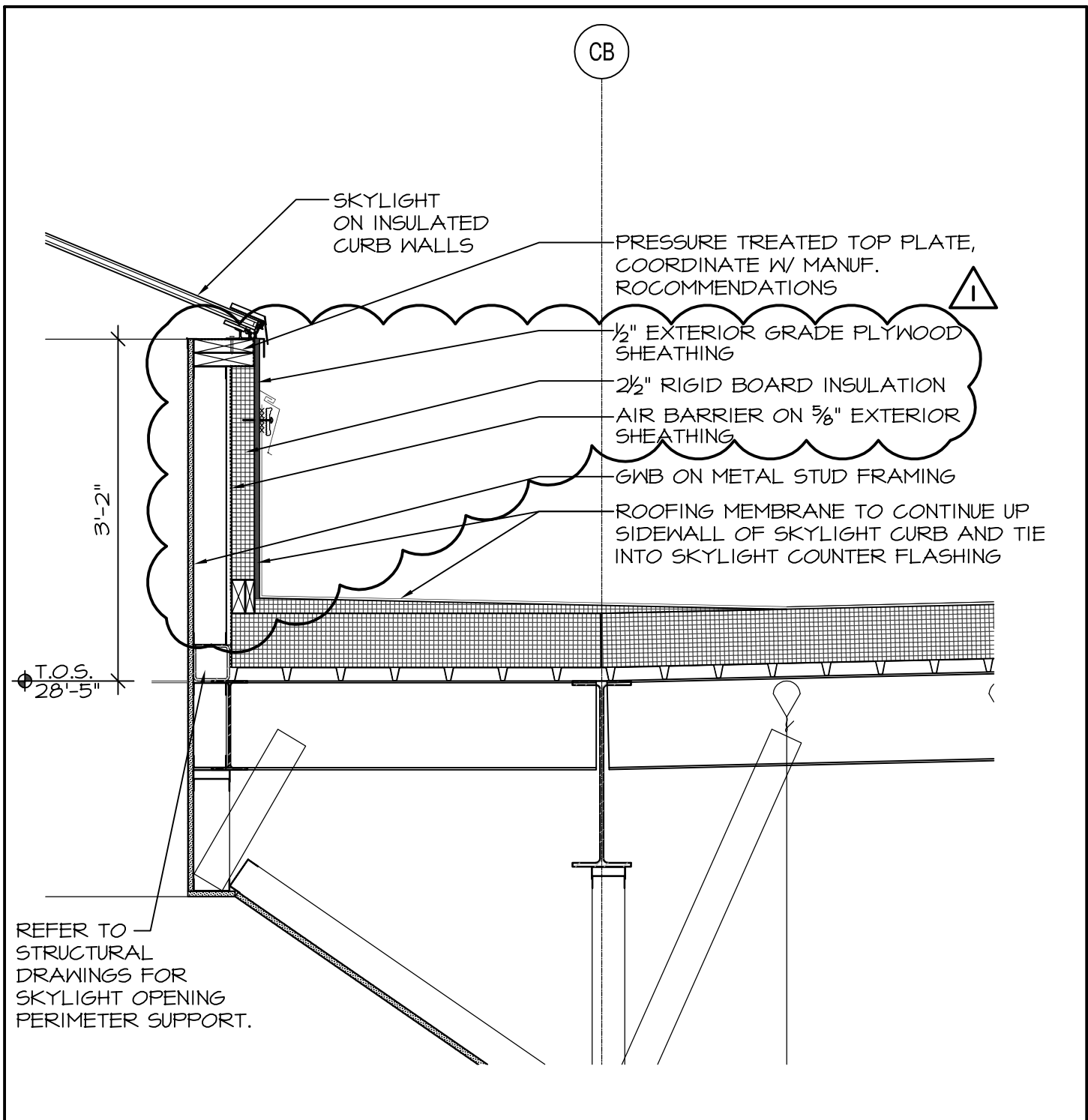
CHECKED BY: MEJ

DATE: 04-30-2009

ADDENDUM #3

NOTE REVISION

SHEET TITLE:



A15	WALL SECTION
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3/4" = 1'-0"	AE301	PARTIAL DETAIL
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 <p>WBRC ARCHITECTS · ENGINEERS</p>	<p>BANGOR, MAINE 207-947-4311 PORTLAND, MAINE 207-828-4311 SARASOTA, FLORIDA 941-536-0757 WWW.WBRCAE.COM</p>
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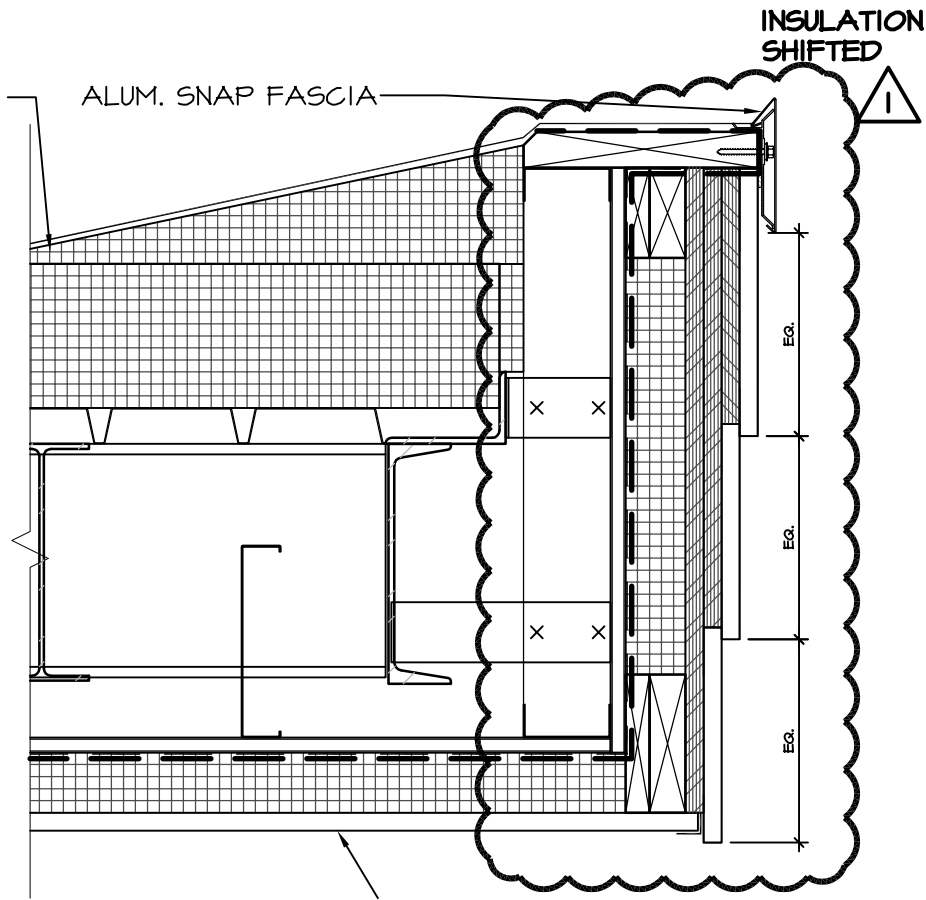
OCEAN AVENUE ELEMENTARY SCHOOL

PROJECT:

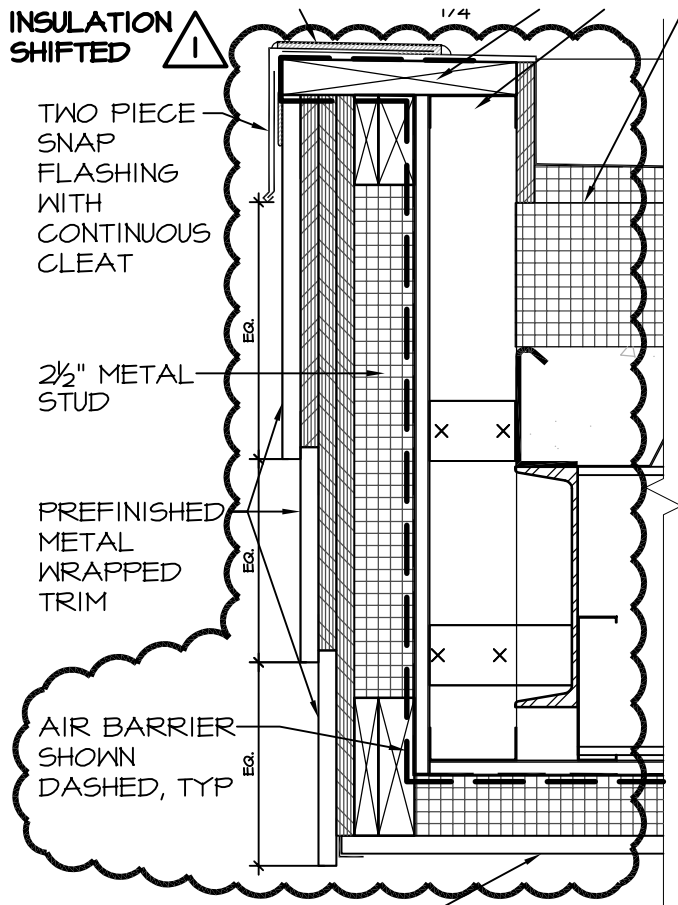
CURB DETAIL REVISION
ADDENDUM 3

SHEET TITLE:

SCALE:	AS NOTED
WBRC CAD FILE:	AE306
PROJECT No.	3316.10
JOB CAP/DRAW:	JLS
PM: MEJ	SHEET No.
CHECKED BY: MEJ	ADD3-AE306-1
DATE: 04-30-09	© COPYRIGHT 2009 WBRC



N15 - ROOF EDGE DETAIL (PARTIAL DETAIL)



J4 - CANOPY DETAIL (PARTIAL DETAIL)

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ARCHITECTS • ENGINEERS

OCEAN AVENUE ELEMENTARY SCHOOL

PROJECT:

ADDENDUM #3
DETAIL REVISIONS

SUBJECT

SCALE: 1 1/2" = 1'-0"

WBRC CAD FILE: 331610

PROJECT No. 331610

JOB CAP/DRAW: TRJ

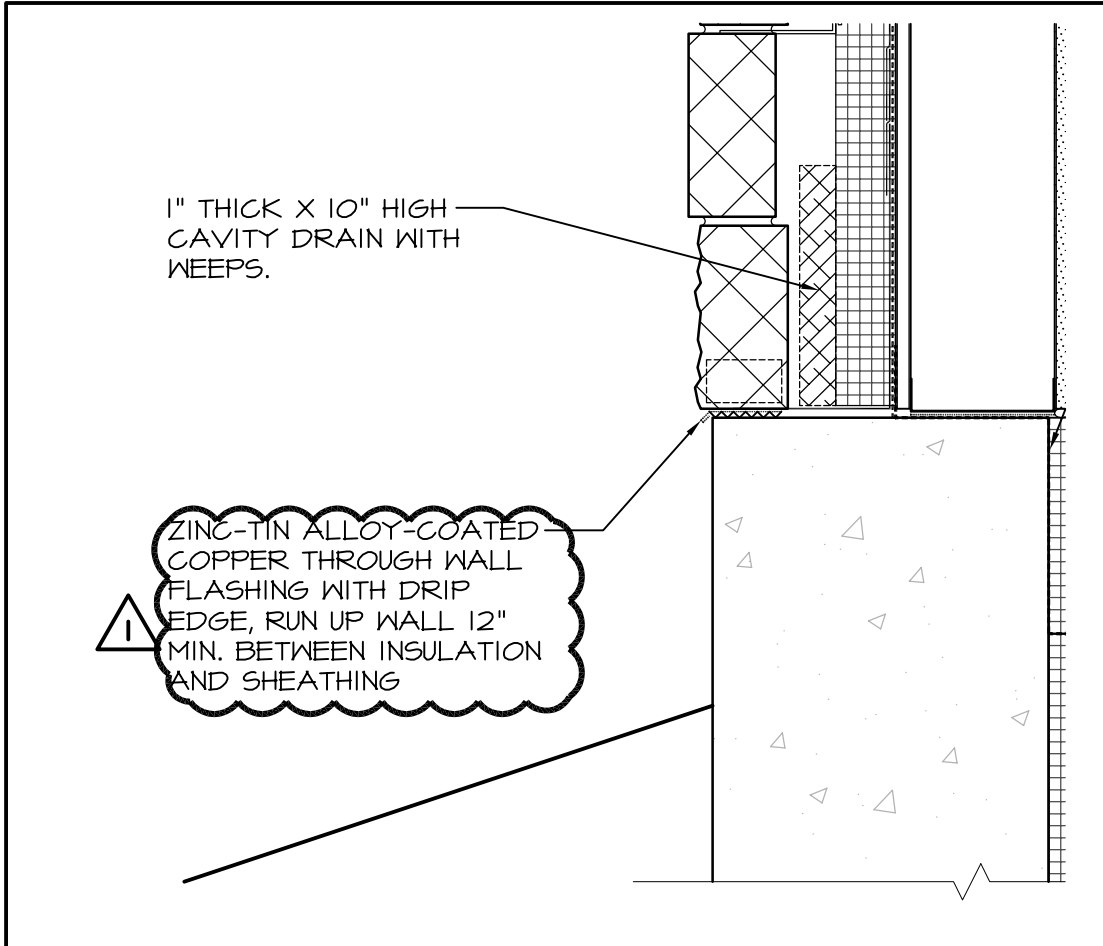
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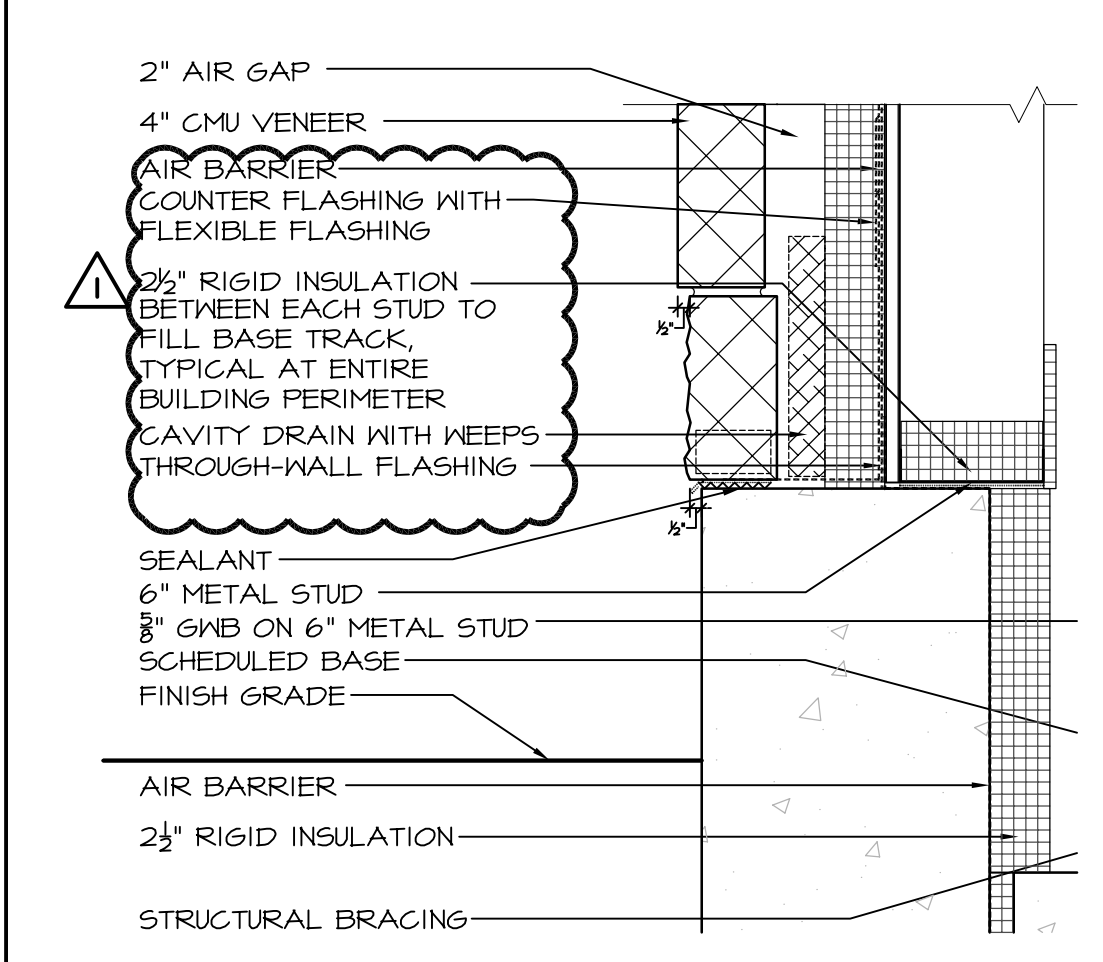
DATE: 04-30-2009

SHEET No.

ADD3-AE504-1



E15 - WALL BASE DETAIL (PARTIAL DETAIL)



A15 - WALL BASE DETAIL (PARTIAL DETAIL)

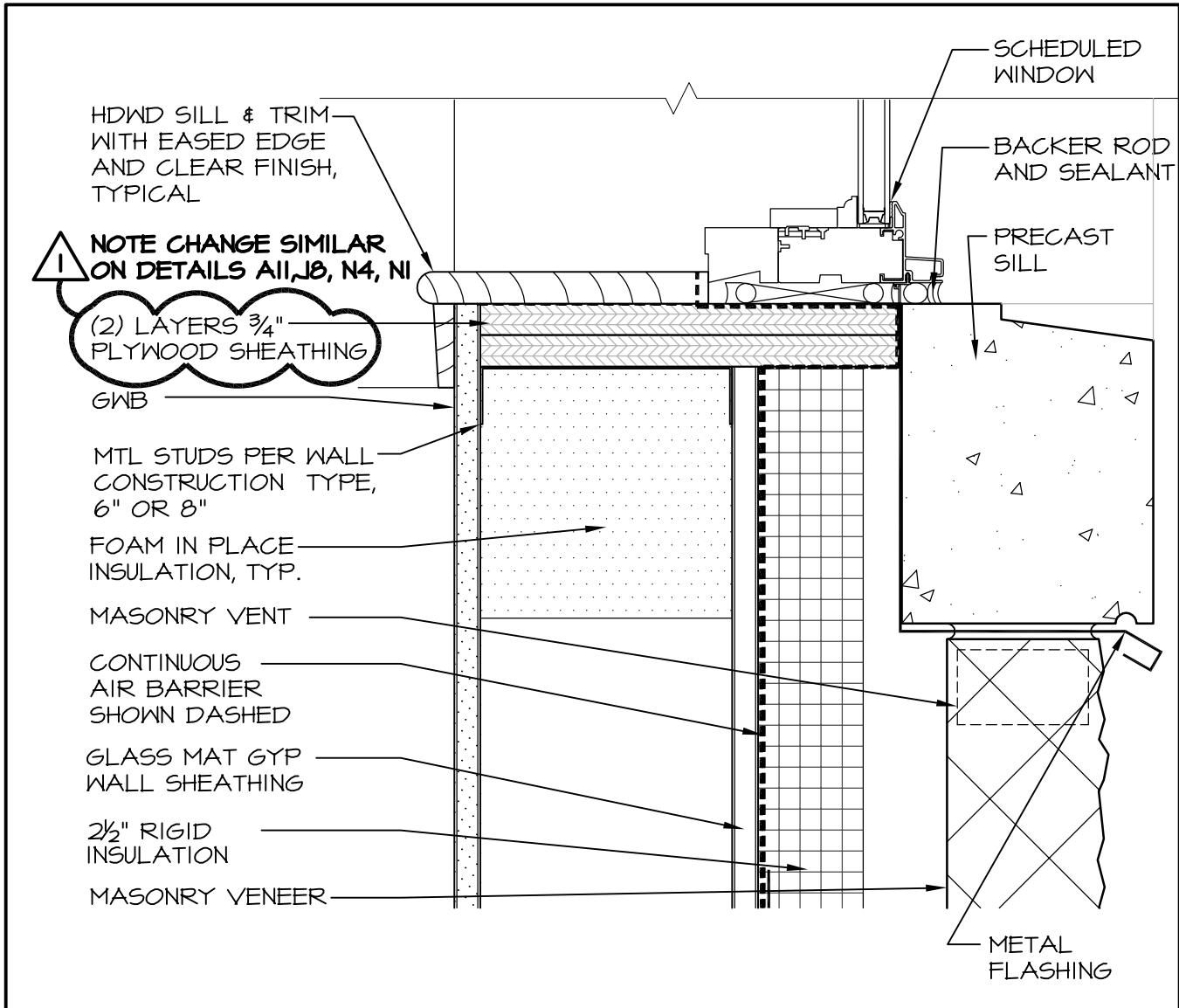
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 ARCHITECTS • ENGINEERS

PROJECT:
 OCEAN AVENUE ELEMENTARY SCHOOL

SUBJECT:
 ADDENDUM #3
 NOTE DELETION AND REVISION

SCALE:	1 1/2" = 1'-0"
WBRC CAD FILE:	331610
PROJECT No.	331610
JOB CAP/DRAW:	TRJ
PM:	MEJ
CHECKED BY:	MEJ
DATE:	04-30-2009
SHEET No.	ADD3-AE504-2



A1	ALUMINUM CLAD WINDOW SILL
3"=1'-0"	AE304, AE602

WBRC
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PORTLAND, MAINE
207-828-4511
SARASOTA, FLORIDA
941-556-0757
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SCALE:	3" = 1'-0"
WBRC CAD FILE:	331610
PROJECT No.	331610
JOB CAP/DRAW:	TRJ
PM:	MEJ
CHECKED BY:	MEJ
DATE:	04-30-2009
SHEET No.	ADD3-AE508-1

OCEAN AVENUE ELEMENTARY SCHOOL

PROJECT:

**ADDENDUM #3
REVISED NOTE**

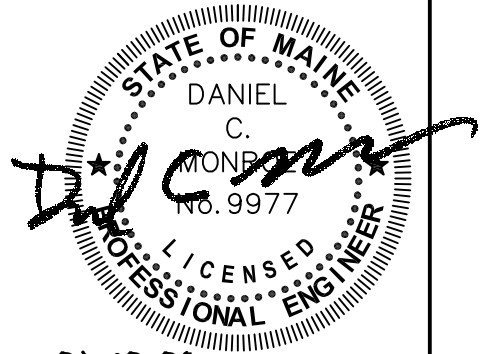
SHEET TITLE:

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DOMESTIC WATER HEATER SCHEDULE

UNIT	MODEL #	FIRST HOUR RATING (GAL.)	INPUT MBH	COIL FLOW GPH	WPD FT. HD.	STORAGE GAL.	ELEC.	NOTES
DWH-1	V200SPH-375	450 @ 100°F RISE	370	10	<5	200	120/15A	① ② ③
DWH-2	V500SPH-100	200 @ 50°F RISE	83	3.5	<5	500	120/15A	① ③ ④ ⑤

- ① BASED ON CEMLINE SPH SERIES INDIRECT FIRED PLATE TYPE HEAT EXCHANGER
- ② BASED ON 180°F ENTERING BOILER WATER, INPUT AND 50°F DELTA T
- ③ SINGLE POINT POWER CONNECTION, FACTORY INSTALLED INTEGRAL TANK SIDE CIRCULATOR AND CONTROLS.
- ④ BASED ON AVG 150°F ENTERING SOLAR THERMAL WATER W/ 50°F DELTA T, & 40°F INLET DOMESTIC WATER W/ 50°F DELTA T.
- ⑤ SOLAR THERMAL PREHEAT WATER HEATER, VERTICAL 42"Ø x 104"



04.30.09



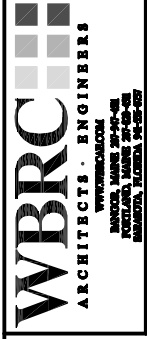
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SCALE:	N.T.S.
WBRC CAD FILE:	331610-PL601
PROJECT No.	3316.10
JOB CAP/DRAW:	LAC
PM:	MEJ
CHECKED BY:	DMON
DATE:	04-30-09
SHEET No.	ADD3-PL601-1

OCEAN AVENUE ELEMENTARY SCHOOL

PROJECT: **DOMESTIC WATER HEATER SCHEDULE**
ADENDUM #3

C1	CEILING SUSPENDED DIRECT/INDIRECT	12' L	ALERA LIGHTING CVL12318-2080-FCM12LD-ED277	STRAIGHT BLADES	32W T8	DIMMING ELECTRONIC	L16	71.6%	198W	277	MOUNT @ 8'-0" AFF TO BOTTOM, PROVIDE W/ INLINE WIRING
C2	CEILING SUSPENDED DIRECT/INDIRECT	4' L	ALERA LIGHTING	PERFORATED METAL	32W T8	ELECTRONIC	L16		35W	277	MOUNT @ 8'-0" AFF TO BOTTOM, PROVIDE W/ INLINE WIRING
D	CEILING SUSPENDED HIGH BAY FLUORESCENT	4' L	COLUMBIA LIGHTING CV-421B-FER-0124E-277-MW-4	STRAIGHT BLADES	54W T5HO	ELECTRONIC	L16	60.1%	234W	UNV	MOUNT @ 22'-0" AFF TO BOTTOM, UNO
E	CEILING SUSPENDED PENDANT	18" Ø	LHEM-454-WCBST-EU-4-HEM-WG	CLEAR RIBBED ACRYLIC	TRIPLE	ELECTRONIC	L25	82.8%	72W	277	MOUNT @ 14'-0" AFF TO BOTTOM IN CAFETERIA, MOUNT @ 18'-0" AFF TO BOTTOM IN LIBRARY.
F	EXT. POLE MOUNTED SITE LIGHT	12' H	FC LIGHTING FC-663-277-242-E-SARA	CLEAR TEMPERED GLASS	100W MH	PULSE START	-	-	100W	277	FINISH TO BE DETERMINED BY ARCH.
F1	EXT. POLE MOUNTED SITE LIGHT	16' H	KIM LIGHTING 1SA-SAR3-150PMH277--HS/PSA16-4125-SA--	CLEAR TEMPERED GLASS	150W MH	PULSE START	-	-	150W	277	FINISH TO BE DETERMINED BY ARCH.
F2	EXT. POLE MOUNTED SITE LIGHT	12' H	KIM LIGHTING 1SA-SAR2-100PMH277--HS/PSA12-4125-SA--	CLEAR TEMPERED GLASS	100W MH	PULSE START	-	-	100W	277	FINISH TO BE DETERMINED BY ARCH.
F3	EXT. POLE MOUNTED SITE LIGHT	16' H	KIM LIGHTING 2SB-SAR3-150PMH277--PSA16-4125-SB--	CLEAR TEMPERED GLASS	150W MH	PULSE START	-	-	300W	277	FINISH TO BE DETERMINED BY ARCH.
F4	EXT. POLE MOUNTED SITE LIGHT	16' H	KIM LIGHTING 1SA-SAR4-150PMH277--HS/PSA16-4125-SA--	CLEAR TEMPERED GLASS	150W MH	PULSE START	-	-	150W	277	FINISH TO BE DETERMINED BY ARCH.
F5	NOT USED										
G	EXT. POLE MOUNTED SITE LIGHT	16' H	KIM LIGHTING FIMS214-150PMH277PPRA16-5125-FM--	CLEAR TEMPERED GLASS	150W MH	PULSE START	-	-	150W	277	FINISH TO BE DETERMINED BY ARCH.
G1	EXT. POLE MOUNTED SITE LIGHT	14' H	FIMS214-150PMH277PPRA14-5125-FM--	CLEAR TEMPERED GLASS	150W MH	PULSE START	-	-	150W	277	FINISH TO BE DETERMINED BY ARCH.
H	CEILING SURFACE WRAPAROUND	4' L	COLUMBIA LIGHTING RO4-132-EDU	PRISMATIC ACRYLIC	32W T8	PROG. START ELECTRONIC	L16	86.9%	29W	UNV	MOUNT @ 8'-0" AFF TO BOTTOM IN CAFETERIA, MOUNT @ 18'-0" AFF TO BOTTOM IN LIBRARY.
J	WALL MOUNTED FLUORESCENT	4' L	LUMAX INDUSTRIES COD13248-EO4SA-EB	RIBBED ACRYLIC	32W T8	ELECTRONIC	L16	75.1%	35W	UNV	MOUNT @ 8'-0" ABOVE LANDING TO CENTER, UNO, PROVIDE W/ INTEGRATED EMERGENCY BALLAST, NO SUBSTITUTIONS
J1	WALL MOUNTED FLUORESCENT	2' L	LUMAX INDUSTRIES COD11702-EO4SA-EB	RIBBED ACRYLIC	17W T8	ELECTRONIC	L16	75.1%	17W	UNV	MOUNT @ 8'-0" ABOVE LANDING TO CENTER, UNO, PROVIDE W/ INTEGRATED EMERGENCY BALLAST, NO SUBSTITUTIONS
K	CEILING MOUNTED WALL WASH	4' L	FINELITE SX2-0-4-118-SC-98W-277-SM-FE	WHITE GROSS BAFFLE	32W T8	ELECTRONIC	L16	54.2%	35W	277	



PROJECT:
**OCEAN AVENUE
ELEM. SCHOOL**

SHEET TITLE:
ADDENDUM #3

SCALE: N.T.S.
WBRC CAD FILE: 3316.10-E-001
PROJECT No. 3316.10
JOB CAP/DRAW: JBL
PM: MEJ
CHECKED BY: SJL
DATE: 04.30.09
SHEET No.
ADD3-E-001-1

INTRUSION DETECTION SYSTEM MOTION DETECTOR

SECURITY ALARM SYSTEM SIREN/STROBE

HANDICAP ELECTRICALLY-ASSISTED DOOR OPENER PUSHBUTTON

INTERCOM SYSTEM CONTROL PANEL

FIRE ALARM SYSTEM POWER EXTENDER

MAIN SWITCH BANK - MOUNT @ 48" AFF TO CENTER- REFER TO DETAIL A8/E-501 FOR MORE INFORMATION

TEACHER CONTROL CENTER - SAME NOTES AS MAIN SWITCH BANK ABOVE

POWER CONTROL CENTER - MOUNTED ABOVE ACCESSIBLE CEILING IN SHOWN LOCATION - REFER TO DETAIL A8/E-501

INTERCOM SYSTEM SUB-STATION - WITH "M" INDICATES MASTER STATION

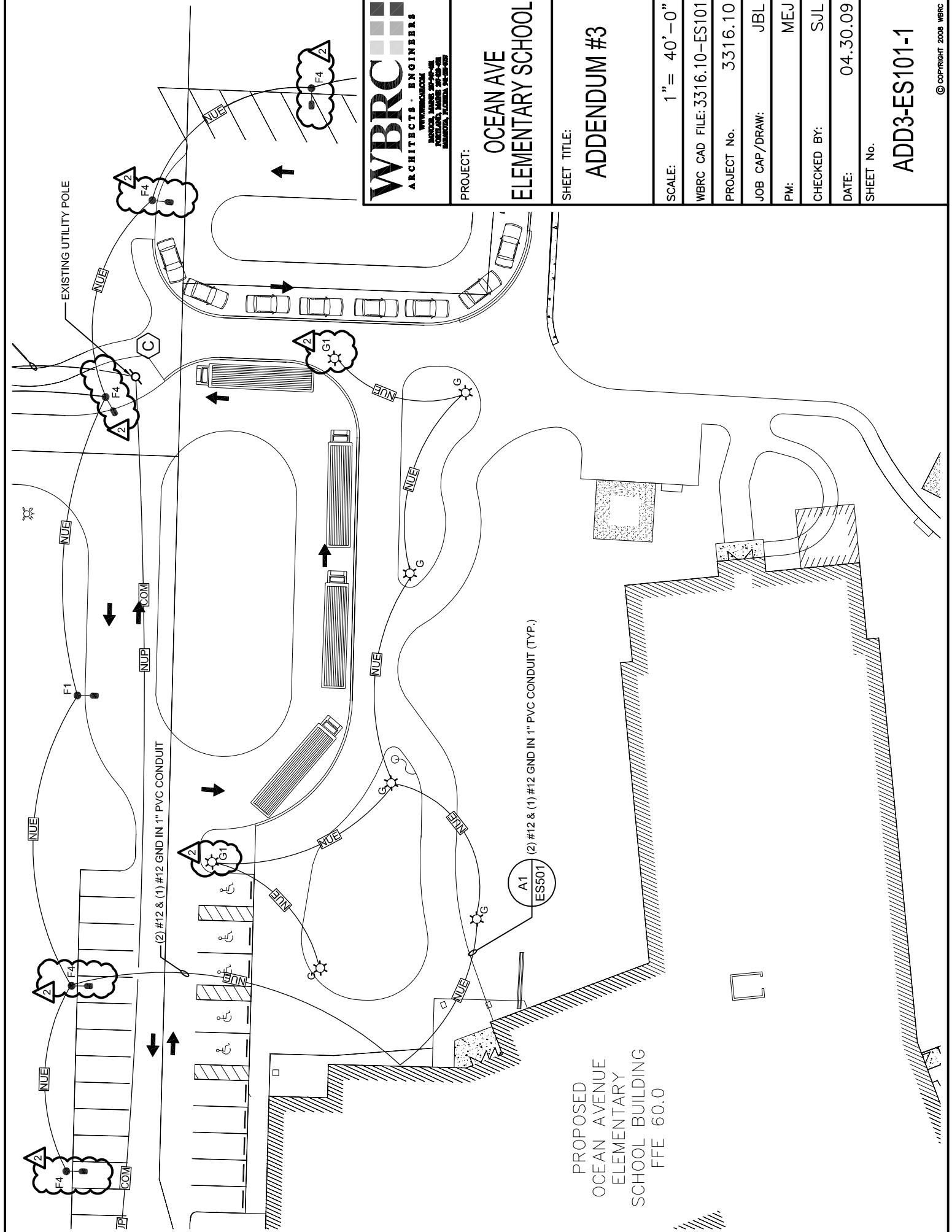
KEYPAD - FOR ACCESS CONTROL OR INTRUSION DETECTION SYSTEM AS NOTED

DOORBELL VIBRATING BELL

DOORBELL PUSH BUTTON

INTERCOM CALL BUTTON - REFER TO DETAIL A5/E-502 FOR MORE INFORMATION





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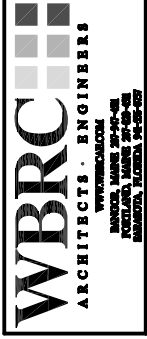
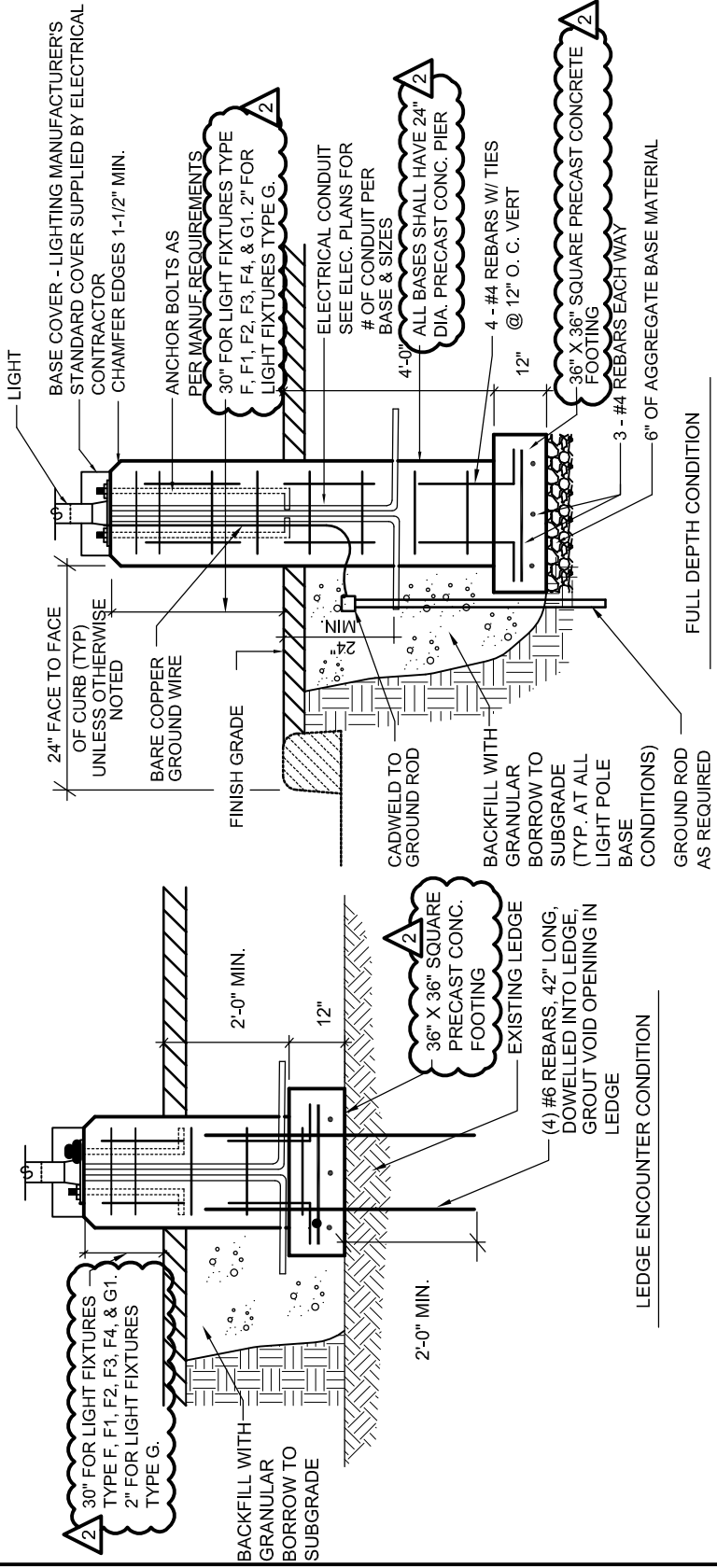
PROJECT:
**OCEAN AVE
 ELEMENTARY SCHOOL**

SHEET TITLE:
ADDENDUM #3

SCALE:	1" = 40'-0"
WBRC CAD FILE:	3316.10-ES101
PROJECT No.	3316.10
JOB CAP/DRAW:	JBL
PM:	MEJ
CHECKED BY:	SJL
DATE:	04.30.09
SHEET No.	

ADD3-ES101-1

NOTE
 PRECAST CONCRETE LIGHT
 POLE BASES SHALL BE
 PROVIDED BY DIV. 26 &
 INSTALLED BY DIV. 31.



PROJECT:
**OCEAN AVE
 ELEMENTARY SCHOOL**

SHEET TITLE:
ADDENDUM #3

SCALE:
 NTS

WBRC CAD FILE: 3316.10-ES501

PROJECT No. 3316.10

JOB CAP/DRAW: SJL

PM: MEJ

CHECKED BY: SJL

DATE: 04.30.09

SHEET No.

ADD3-ES501-1

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A10 NEW CONCRETE LIGHT BASE

NTS