

DELRAN TOWNSHIP BOARD OF EDUCATION
Additions and Renovations to Delran High School and
Renovations to Delran Middle School
Addendum #1
January 3, 2019

Bid Package Clarification and Changes

This Addendum dated January 3, 2019 for the **Delran Township Board of Education Additions and Renovations to Delran High School and Renovations to Delran Middle School** shall be included as part of the Contract Bid Documents. This Addendum shall supplement and clarify the current Contract Bid Documents.

THIS ADDENDUM CONSISTS OF (TWELVE (12) PAGES).

PLEASE ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY SIGNING BELOW AND FAXING BACK IMMEDIATELY TO (856) 396-6205. THIS IS MANDATORY!! If this fax is unclear, please call (856) 396-6200. If you are not bidding this project, please write "No Bid" and fax this page back. Thank You.

SIGNATURE

PLEASE PRINT COMPANY NAME

1. Delete Specification Section "Bid Form – Part C – Alternates" and replace it with the attached Section "Bid Form – Part C – Alternates – Revised per Addendum #1." Alternate 4 has been added to provide metal wrap to the existing wood fascia at the library window bays, (10) ten total. Refer to the **attached Sketches CSK-3 and CSK-4** for extent of work and details. **(2 pages and 2 sketches)**
2. Add the attached "Section 08211 Flush Wood Doors" (3 pages) to the general specifications for this project. **(3 pages)**
3. All aluminum storefronts in both schools are to be bronze anodized finish.
4. All glazing at the Middle School is to be ¼" tempered, laminated glazing.
5. Exterior glazing at the high school is to be insulated with a 1" total thickness. Change Specification Section 08800-Glazing, 2.8.4a to read "Tint Color: SolarGray" Per this specification section, exterior glazing shall include .060 PVC Laminate on the second surface and Solarban 70 (or equal) low-e coating on the third surface.
6. Door 116a in the Middle School is to remain in place. Hardware specifications describe modifications to the existing door and frame to accommodate the new specified hardware.
7. Detail 10/MA-4 correctly depicts a non-structural extruded aluminum tube between the storefront systems.

8. On Drawing 2/MD-2 the area of the existing walk-in cooler box (depicted with an 'X' with the note tag '11') shall be assumed to have a depressed concrete slab. After removal of the walk-in box, the Contractor shall remove any exposed insulation located on the floor and infill/level any depressions as required to match the adjacent finished floor elevation.
9. Refer to the **attached Sketches CSK-1 & CSK-2** as a design base for walk-in cooler at the Middle School. Provide all items noted within these sketches including heat trace as required. (2 Sketches)
10. On Drawing 1/HD-2 remove existing wood paneling at three (3) walls in toilet room B124.5 (includes wet wall) and ceramic cove base on all four (4) walls. Replace paneling with new 5/8" mold-resistant gypsum board (to be painted) and provide applicable trim accessories at material transitions. Provide new 6" tall ceramic wall base on all walls within toilet room.
11. On Drawing 1/HD-2 remove in-slab electrical devices not to be reused and patch floor as required at Main Office B124.
12. Drawing #HE-1 - The Photocell shall control the three exterior Type B lights and sign only.
13. Drawing #HE-1 - Label the three switches in the main office. Office Lights, Vestibule light and Corridor lights.
14. Drawing #HE-1 - Do not circuit the three Type A-NL fixtures and the three Type B fixtures to Panel EMF-3. Panel EMF-3 is a normally-off emergency panel. Connect these light fixtures, unswitched, to circuit LPB-1
15. Drawing #HE-1 Lighting Fixture Schedule - Add New Type "INV" to the fixture Schedule. Type "INV" shall be a 250 watt Inverter, 277V input, 277V output. Dual-Lite # LG-250S-I. Inverter shall be located at the High School only. Unit shall be located in the same electric room as existing panel LPB-1. The Inverter shall back up the three Type A-NL fixtures in and the three Type B lights at the exterior.
16. Drawing #HE-3 – Add Note #36 - "High School and Middle School - Light fixture voltages are specific to each school and may not be equipped with Universal 120-277V Drivers. Prior to submitting shop drawings for any light fixtures, remove panel covers that feed these lights and verify the voltage."
17. Drawing #HE-3 – Add Note #37. "High School and Middle School – Fire Alarm Tie Ins. Contact respective service companies as shown on the drawings before the bid in order to verify all of the pricing requirements. Many multiplex boxes are available for device tie-ins and may not be located at the fire alarm panel shown on the drawings. For pricing purposes, include cabling costs from each device to the Fire Alarm Panel as shown on the drawings. In addition, for each device, add another 125' of cabling in the event tie-ins need to occur at a multiplex box location. Fire alarm service company, hired by the contractor, shall include time and engineering costs required to verify all tie-in requirements.

18. Drawing #ME-2 – Equipment Schedule

- a. Comp-Freeze – 208V-Single Phase – 20/2 Breaker – 4#10, 1”C
- b. Comp-Ref – 208V – Three Phase – 20/3 Breaker – 5#10, 1”C
- c. Add one 20 amp 208V Single Phase Circuit for Refrigerator Evaporator. 4#10, 1”C
- d. Add one 40/3 breaker and power up freezer condensation line heat trace. 4#10, 1”C
- e. All breaker sizes are subject to actual purchased equipment. Verify with shop drawings before ordering

19. Drawing #ME-2

- a. Panel Schedule – New Panel PK2. Add (1) 40/3 breaker, (2) 20/2 breakers and (1) 20/3 breaker

20. Drawing #ME-3 - In addition to removing wiring for existing refrigeration equipment, remove all conduits and junction boxes associated with this wiring.

21. Drawing #ME-4 – Add Note #36. “High School and Middle School - Light fixture voltages are specific to each school and may not be equipped with Universal 120-277V Drivers. Prior to submitting shop drawings for any light fixtures, remove panel covers that feed these lights and verify the voltage”

22. Drawing #ME-4 – Add Note #37. “High School and Middle School – Fire Alarm Tie Ins. Contact respective service companies as shown on the drawings before the bid in order to verify all of the pricing requirements. Many multiplex boxes are available for device tie-ins and may not be located at the fire alarm panel shown on the drawings. For pricing purposes, include cabling costs from each device to the Fire Alarm Panel as shown on the drawings. In addition, for each device, add another 125’ of cabling in the event tie-ins need to occur at a multiplex box location. Fire alarm service company, hired by the contractor, shall include time and engineering costs required to verify all tie-in requirements.”

BID FORM - PART C – ALTERNATES – REVISED PER ADDENDUM #1

1.1 GENERAL

- A. An alternate is an amount proposed by bidders and stated on the Bid Form for certain work that may be added to or deducted from the Base Bid amount if the Owner decides to accept a corresponding change in either the amount of construction to be completed, or in the products, materials, equipment, systems, or installation methods described in the Contract Documents. The criteria for accepting alternates is to maximize the benefit to the Owner.
 - 1. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate the Alternate into the Work. No other adjustments are made to the Contract Sum.
- B. Coordination: Modify or adjust affected adjacent Work as necessary to completely and fully integrate that Work into the Project.
- C. Schedule: A "Schedule of Alternates" is included at the end of this Section. Specification Sections referenced in the Schedule contain requirements for materials necessary to achieve the Work described under each alternate. **The Contractor shall enter the amount to be added or deducted from the base contract amount for each alternate listed below. Fill in "0" or N/A if no work or cost is associated with an alternate.**

1.2 PRODUCTS (Not Applicable)

1.3 EXECUTION

SCHEDULE OF ALTERNATES

- 1. MIDDLE SCHOOL CANOPY: Scrape and strip paint finishes at the existing steel beams, posts and underside of the concrete roof deck. Prep finishes as specified and repaint. Replace all of the existing surface mounted light fixtures per the electrical drawings. Existing surface mounted conduits are to be prepped and painted.

Alternate #1 – Add \$ _____

- 2. MIDDLE SCHOOL WALK-IN COOLER: Remove the existing walk-in box in its entirety including all associated items (condensate lines, line sets, power feeds, roof mounted condensers, etc.) Install new walk-in box at the existing dry storage location per the drawings (demolish CMU partition walls as indicated on the demolition drawing) including all of the supporting items required for a fully functional cooler. Install a new floor sink for condensate lines per the plumbing drawings. Refurbish existing walk-in space as depicted on the drawings to convert the space into a dry storage area. New finishes include new VCT flooring, ACT ceilings and lighting. Repair and paint existing CMU walls that will remain exposed.

Alternate #2 – Add \$ _____

BID FORM - PART C – ALTERNATES – REVISED PER ADDENDUM #1

3. HIGH SCHOOL ADMINISTRATION OFFICES: Remove two existing doors and frames to the Principal's Office. Create a new opening and install a new door and frame as depicted on drawings. Repaint the affected wall in its entirety on both sides and provide new wall base. Alternate includes all associated electrical changes in this area.

Alternate #3 – Add \$ _____

4. MIDDLE SCHOOL LIBRARY FASCIA: Provide new bent metal trim over the existing wood fascia at the window bays on each side of the library. Scrape all loose paint from the fascia prior to installation. Include ten (10) total bays at 12'-0" in length, unless noted otherwise on the drawings. Existing roof is approximately 19'-4" above grade/ finished floor.

Alternate #4 – Add \$ _____

END OF SECTION

SECTION 08211 - FLUSH WOOD DOORS – ADDED PER ADDENDUM #1

1.1 GENERAL

- A. Submittals: In addition to product data, submit the following:
1. Shop drawings indicating location and size of each door, elevation of each kind of door, details of construction, location and extent of hardware blocking, fire ratings, requirements for veneer matching and factory finishing and other pertinent data. For factory-machined doors, indicate dimensions and locations of cutouts for locksets and other cutouts adjacent to light and louver openings.
 2. Samples of actual materials in small sections for each face material and finish.
- B. Quality Standard: Comply with the following standard:
1. NWWDA Quality Standard: I.S.1-A, "Architectural Wood Flush Doors," of the National Wood Window and Door Association.
 2. AWI Quality Standard: "Architectural Woodwork Quality Standards" of the Architectural Woodwork Institute.
- C. Fire-Rated Wood Doors: Provide wood doors labeled and listed by UL, Warnock Hersey, or another testing and inspection agency acceptable to authorities having jurisdiction. Provide certification for fire rating required acceptable to authorized agencies having jurisdiction for oversize fire rated doors over 4'-0" wide
- D. Warranty
1. Provide manufacturer's warranty to the following term:
 - a. Interior Solid Core Doors: "Full Life of Original Installation" including rehang and refinish if door(s) do not comply with Warranty tolerance standards.

1.2 PRODUCTS

- A. Manufacturers: Subject to compliance with requirements, provide doors by one of the following or approved equal:
1. Marshfield Door Systems, Inc., quality as defined in this section.
 2. Algoma Wood Doors Inc., quality as defined in this section.
 3. Eggers Wood Doors Inc., quality as defined in this section.
 4. Mohawk Wood Doors Inc., quality as defined in this section.
 5. V-T Industries Inc., quality as defined in this section.
 6. Buell Door Company, quality as defined in this section.
 7. Or approved equal.
- B. Interior Solid Core Doors for Transparent Finish: As follows:
NOTE: ALL WOOD VENEER MUST APPEAR UNIFORM AND LIGHT IN APPEARANCE
1. Faces: Select White Birch, plain sliced.

SECTION 08211 - FLUSH WOOD DOORS – ADDED PER ADDENDUM #1

2. Grade: "A" Select White Birch ONLY
 3. Construction: 5 plies.
 4. Core: Structural composite lumber (engineered composite core)
 5. Bonding: Stiles and rails bonded to core, then entire unit abrasive planed before veneering.
- C. Interior Fire-Rated Solid Core Doors: As follows:
1. Faces and Grade: Provide faces and grade to match non-fire-rated doors in same area of building, unless otherwise indicated.
 2. Edge Construction: Provide manufacturer's standard laminated-edge construction for improved screw-holding capability and split resistance.
 3. Pairs: Furnish formed-steel edges and astragals for pairs of fire-rated doors, unless otherwise indicated.
 4. Pairs: Provide fire-rated pairs with fire-retardant stiles that are labeled and listed for kinds of applications indicated without formed-steel edges and astragals.
- D. Pairs and Sets: Provide pair matching and set matching.
- E. Fabricate flush wood doors to comply with following requirements:
1. In sizes indicated for job-site fitting.
 2. Factory fit doors to comply with clearance requirements of referenced quality standard. Comply with requirements of NFPA 80 for fire-resistance-rated doors.
 3. Factory machine doors for hardware that is not surface applied.
 - a. Metal Removable Mullions: Premachine locks and formed-steel edges for hardware for pairs of doors requiring removable mullions. See the Hardware Schedule.
 4. Openings: Cut and trim openings through doors to comply with applicable requirements of referenced standards for kind(s) of door(s) required.
 - a. Light Openings: Trim openings with moldings of material and profile indicated. * To be selected from manufacturer's standard profiles and colors unless noted otherwise. At existing buildings, metal trim shall be required to match adjacent existing to remain.
 - b. Louvers: Factory install louvers in prepared openings.
 5. Provide metal flashing at top of outswinging units.
- F. Finish wood doors at factory as factory finished.
1. Transparent Finish: Comply with requirements indicated for grade, finish system, staining effect, and sheen.
 - a. Grade: Custom.

SECTION 08211 - FLUSH WOOD DOORS – ADDED PER ADDENDUM #1

- b. Finish: Manufacturer's standard finish with performance requirements comparable to either AWI System TR-2 catalyzed lacquer or AWI System TR-4 conversion varnish.
 - c. Staining: Match Architect's sample or existing schools' wood doors.
 - d. Effect: Filled finish.
 - e. Sheen: Semigloss.
- G. Provide sound proof seal as noted in the Hardware Schedule. Adjust Hardware and frame to align properly to have the best acoustical effect.

1.3 EXECUTION

A. Examination

- 1. Verify substrate-openings conditions.
- 2. Verify that opening sizes and tolerances are acceptable and ready to receive this work.
- 3. Do not install doors in frame openings that are not plumb or are out of tolerance for size or alignment.

B. Installation

- 1. Install fire-rated and non-rated doors in accordance with NFPA 80, manufacturers' instructions and fire rated labeling requirements.
- 2. Trim non-rated door width by cutting equally on both jamb edges.
- 3. Trim door height by cutting bottom edges to a maximum 3/4 inch (19mm).
- 4. Trim fire door height at bottom edge only, in accordance with fire rating requirements.
- 5. Pilot drill screw and bolt holes using templates provided by hardware manufacturer. (Use threaded through bolts for half surface hinges.)
- 6. Coordinate installation of doors with installation of frames and hardware.
- 7. Coordinate installation of glass and glazing.
- 8. Install door louvers and light kits plumb and level.
- 9. Reseal or refinish any doors that required site alteration.

C. Warranty Tolerances

- 1. Conform to WDMA standards and testing methods for warp, cup, bow and telegraphing.

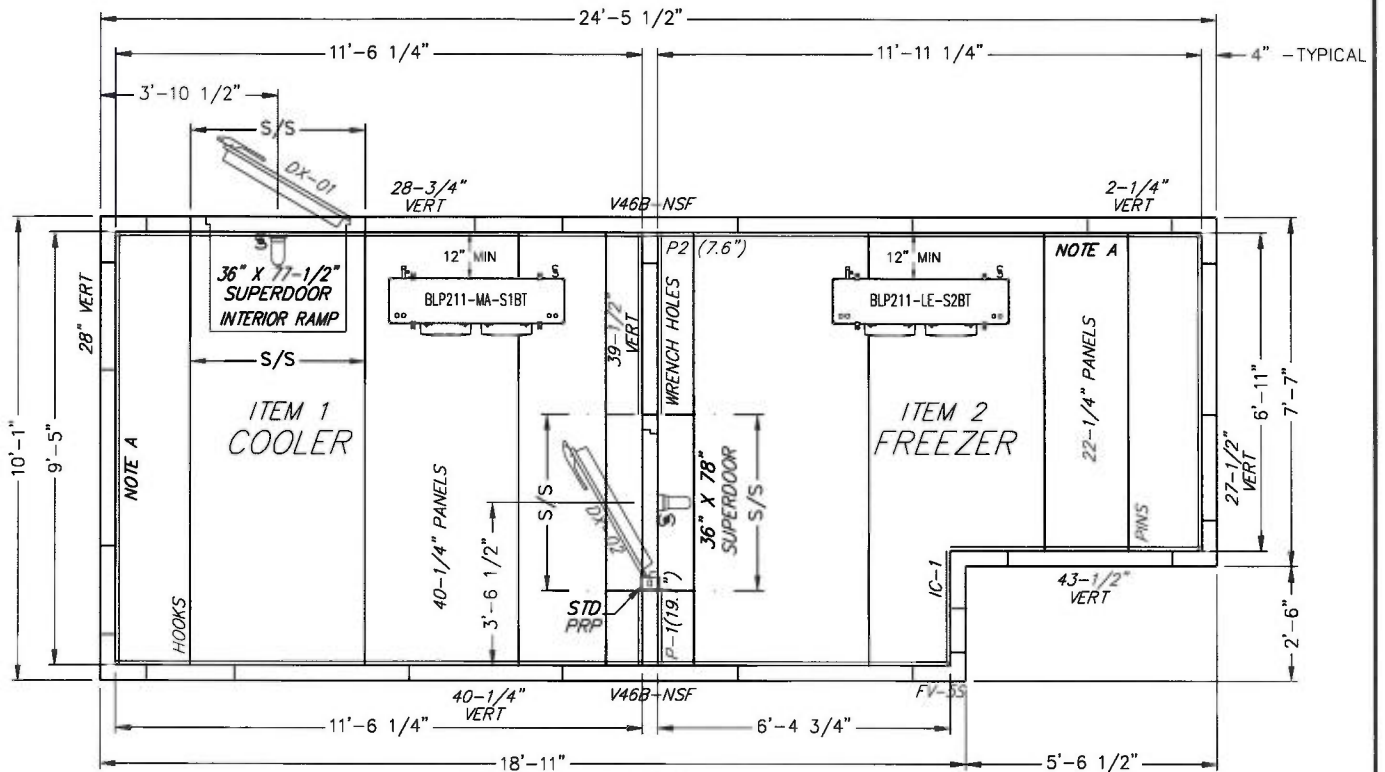
D. Adjusting

- 1. Adjust work under provisions Division 1.
- 2. Adjust doors for smooth and balanced door movement.

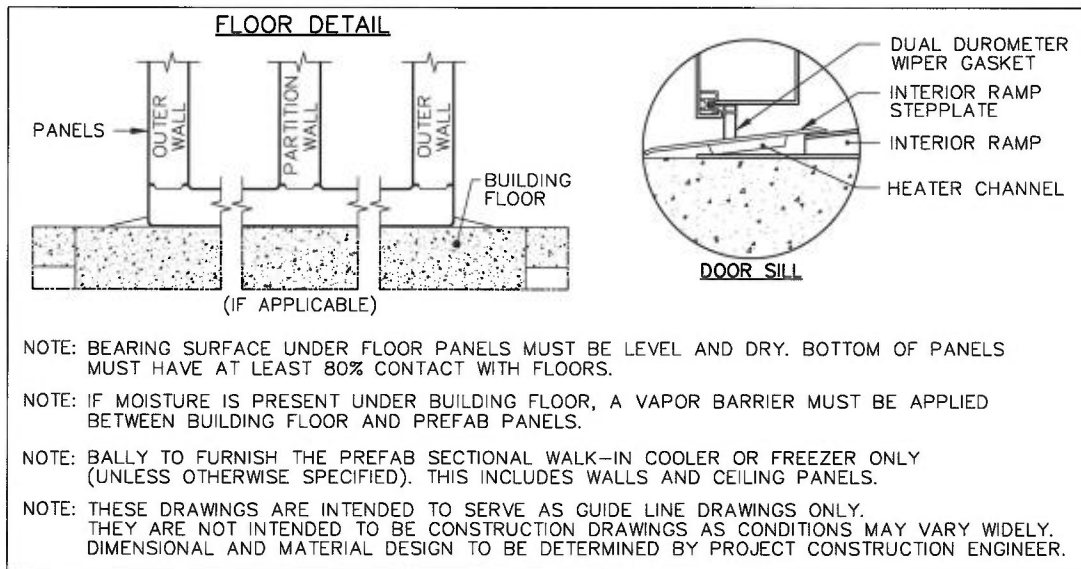
E. Door and Frame Components Schedules

- 1. Refer to door and frame schedule.

END OF SECTION 08211



1 FLOOR PLAN
SCALE: N.T.S.



Garrison
Architects

A Professional Corporation of Architects and Planners

713 CREEK ROAD, BELLMAWR, NEW JERSEY 08031 (856) 396-6200

PROJECT NAME:
DELTRAN MIDDLE SCHOOL
RENOVATIONS

PROJECT NUMBER:

18-90

DATE: 01/02/18

CSK-1

SPECIFICATIONS

24'-5 1/2" X 10'-1" X 8'-6"

INSTALLATION

- INDOOR
- LOADING HEIGHT - AT LEAST 18" OF OPEN SPACE MUST BE MAINTAINED BETWEEN TOP OF PRODUCT AND CEILING PANELS

INSULATION

- POURED IN-PLACE POLYURETHANE FOAM
- BALLY PANELS AND DOORS ARE CERTIFIED COMPLIANT WITH CURRENT FEDERAL DOE REGULATIONS FOR WALK IN COOLERS & FREEZERS
- BALLY PANELS AND DOORS EXCEED MINIMUM R-VALUES* FOR COOLERS (MINIMUM R-25, EXCLUDING FLOORS), AND FREEZERS (MIN. R-32, EXCEPT FLOORS, WHICH ARE MIN. R-28)
- *WHEN TESTED PER ASTM C518 TO FEDERAL REG. 431.304

EXTERIOR FINISH

- STAINLESS STEEL DOOR CAPS AND FRAMES AS SHOWN
- EMBOSSED GALVALUME REMAINDER

INTERIOR FINISH

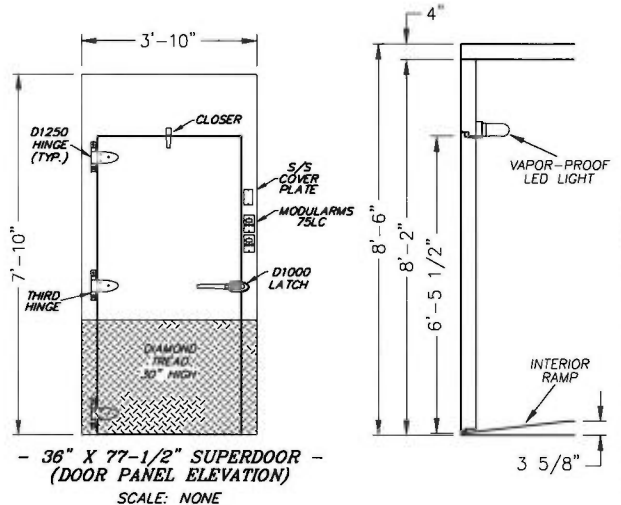
- STAINLESS STEEL DOOR CAPS AND FRAMES AS SHOWN
- EMBOSSED GALVALUME REMAINDER

FLOOR FINISH

- (INTERIOR) #430 STAINLESS STEEL
- (EXTERIOR) EMBOSSED GALVALUME

DOORS/ACCESSORIES

- (1) 36" X 77-1/2" LEFT SWING HINGED WALK-IN DOOR
- (1) 36" X 78" RIGHT SWING HINGED WALK-IN DOOR
- STD VAPORPROOF LIGHT W/LED BULB
- SUPERDOOR: 3RD HINGE, DT INT & EXT 30"H
- INTERIOR RAMP
- PRP
- MODULARM 75LC MULTI-MONITOR, MAG CONTACTS



1 SECTION VIEW THRU ENTRANCE DOOR

SCALE: N.T.S.

REFRIGERATION - BY BALLY (CONDENSING UNIT MOUNTED OUTDOORS)

QTY	H/P	RFGT TYPE	MODEL NUMBER	POWER SUPPLY	COMPRESSOR RLA LRA	FAN MTRS QTY HP FLA	TOTAL WATTS DEFROST	AMPS	MCA	MAX FLUSE	CMPT
1	1.1	R448A	BEHA011-MB-HS2CB	208-230/1/60	8.3 46	1 0.5			10.9	15	C
1			BLP211MA-S1BT	115/1/60		2 1/15 2.0			2.3	15	C
1	3.0	R448A	BEZA030-LB-HT3CF	208-230/3/60	9.9 77.0	1 1.1			13.5	20	F
1			BLP211LE-S2BT	208-230/1/60		2 1/15 1.2	1890	8.2	10.3	15	F

- ALL CONDENSATION DRAIN LINES MUST BE SLOPED 1:12. 1" = 12" INSTALLATION
 - FREEZER CONDENSATION DRAIN LINES MUST BE HEATED, INSULATED AND TRAPPED INDIVIDUALLY. BY OTHERS



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135 LITTLE WINE DRIVE
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FAX: (252) 240-0384

BALLY (PA OFFICE)
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BALLY, PA 19003
PHONE: (610) 353-2212
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FOR
DELTRAN SCHOOL
DELTRAN, NJ

DRAWING NUMBER	187008AD	DATE	12/11/18
DRAWN BY	DEF	ORDER NUMBER	187008
LBL'D BY		CHK'D BY	

GENERAL NOTES

- NOTE A: BALLY TO FURNISH 1/8" ALUMINUM DIAMOND TREAD WAINSCOT 30" HIGH ON ENTIRE INTERIOR AS SHOWN. INSTALLATION, HARDWARE AND DRILLING BY OTHERS.
- NOTE: BALLY TO FURNISH S/S VERTICAL AND S/S REMOVABLE CEILING CLOSURE TRIM. SEE TRIM SHEET. ALL FASTENERS AND INSTALLATION BY OTHERS.



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713 CREEK ROAD, BELLMAWR, NEW JERSEY 08031 (856) 396-6200

PROJECT NAME:
DELTRAN MIDDLE SCHOOL
RENOVATIONS

PROJECT NUMBER:

18-90

DATE: 01/02/18

CSK-2