

INFORMAL BID NO. 1140-35328

EATON ELEMENTARY SCHOOL HVAC REPLACEMENT FOR CLASSROOMS REBID

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T-1 Cover, Sheet Index, and Equipment Schedule.
 S-1 Site Electrical Drawing
 M-1 Classroom 24 A&B
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Eaton Elementary School
 1451 E. Sierra Ave
 Fresno, CA 93710

Area Of Work



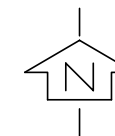
General Project Notes

1. Drawings are a general representation of work to be accomplished, contractor shall verify existing conditions, dimensions, and quantity of materials.
2. Contractor to contact USA underground utility locating services prior to any excavation.

Equipment Schedule

Tag	Make	Model #	Size	Voltage	Fuel	Type
<i>C-1*</i>	Carrier	24AHA448A005	4 ton	208/230/3	N/A	Condenser
<i>DX-1</i>	Carrier	CAPMP4821ALA	4 ton	N/A	N/A	A-coil
<i>F-1</i>	Carrier	58SU0A100E21-20	90K BTU	115/1	Nat Gas	1 Stg Furnace

**Include Low Ambient Controls, Crankcase Heater, & Evaporator Freeze Stat Kits*



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Sierra Ave

Bore under (E) sidewalks to install electrical raceway

(E) 400A, 3ph panel.
Provide 2 (N) 30A
breakers

Turf

Drawing Notes

1. Provide NEMA 3R, AC disconnect switch, for each remote compressor/condenser.

Turf

3 #10 cu, 1 #12 cu
gnd in (N) 1" c.

Relocatable CR 21

Relocatable CR

Relocatable CR

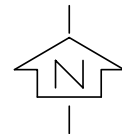
Turf

5' x 3' x 4" concrete slab, w/#4 rebar
12" o.c both ways. Provide compaction
of (E) soil. Typ. of 2

Turf

Relocatable CR
24A & B

Relocatable CR



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None

Sheet

S-1

(N) 3/8" liquid and 7/8" vapor refrigerant piping

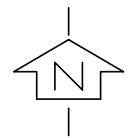
C-1

3/4" condensate

(E) Evaporative Cooler

DX-1


T



Classrooms 24 A&B

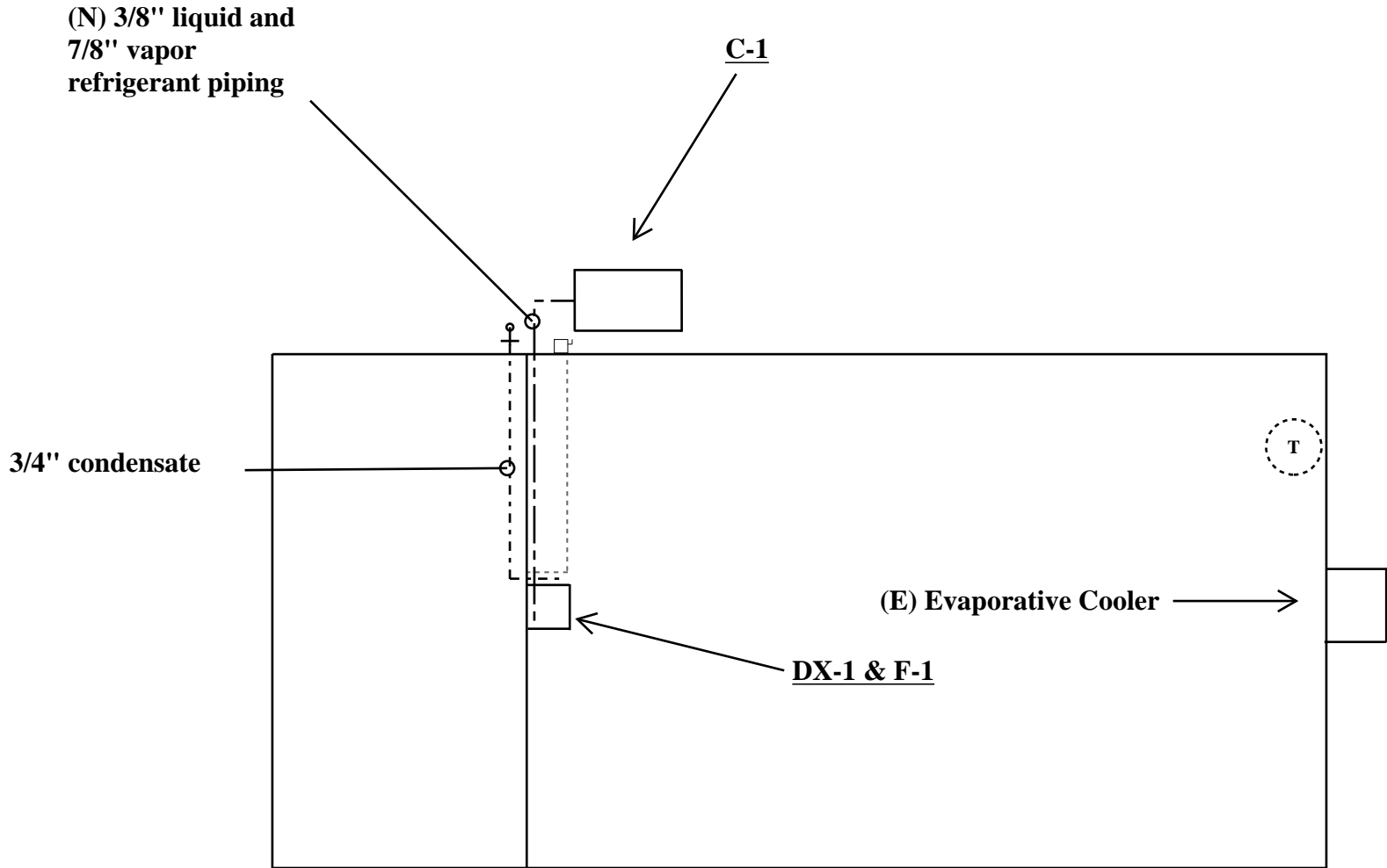
Drawing Notes

1. Install DX-1 onto (E) furnace. Alter supply and return duct as necessary.
3. Install (N) 3/8" liquid and 7/8" vapor refrigerant piping concealed in line set cover. Install as high as possible inside classroom, through wall and down to C-1
4. Anchor C-1 to (N) concrete slab.
5. Replace (E) thermostat w/Honeywell T6 TH622OU2000. Provide necessary control wiring in (E) raceways. *Note: Exposed wire mold will be acceptable, in the case that an adequate raceway does not exist.*
6. Remove and haul off (E) evaporative cooler, including mounting brackets and hardware. Patch exterior and interior walls w/3/4"plywood. Round-over edge and paint to match existing. Provide wall insulation in void. Blank/cap off (E) water, drain, and electrical associated with (E) evaporative cooler.
7. Connect 3/4" condensate (type M copper) to DX-1, route through back of (E) cabinet, tie into (N) sink tail piece w/inlet.
8. Replace (E) sink tailpiece with (N) tail piece w/inlet.

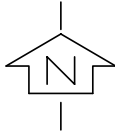
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1/23/20	None	M-1	


Drawing Notes

1. Replace (E) furnace with F-1. Reconnect to existing electrical and natural gas.
2. Install DX-1 onto F-1. Alter supply and return duct as necessary.
3. Install (N) 3/8" liquid and 7/8" vapor refrigerant piping concealed in line set cover. Install as high as possible inside classroom, through wall and down to C-1
4. Anchor C-1 to (N) concrete slab.
5. Replace (E) thermostat w/Honeywell T6 TH622OU2000. Provide all necessary control wiring in (E) raceways. *Note: Exposed wire mold will be acceptable, in the case that an adequate raceway does not exist.*
6. Remove and haul off (E) evaporative cooler, including mounting brackets and hardware. Patch exterior and interior walls w/3/4"plywood. Round-over edge and paint to match existing. Provide wall insulation in void. Blank/cap off (E) water, drain, and electrical associated with (E) evaporative cooler.
7. Connect 3/4" condensate (type M copper) to DX-1, route through wall, mount exposed in storage room, and terminate outside with 90 deg ell 6"-12" above finish grade.



Classroom 21



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