


ADDENDUM NO. 4

DATE: October 31, 2011

TO: All Planholders

FROM: Rick Smigielski 
Senior Project Manager
Abonmarche Consultants, Inc.

RE: ADA Improvements To
Hartley Job Administration Building
Project No. 11-0416

OWNER: Michigan City Port Authority
200 Heisman Harbor Drive
Michigan City, IN 46360

Any information or direction provided to Contractors in verbal form, from the Owner, Engineer, Permitting Agencies, etc. is not contract applicable. Only plans, specifications and addenda in written form for this project shall apply.

This Addendum is intended to clarify/revise the plans and specifications per the following items:

DRAWINGS/ GENERAL

ITEM 1 – Spec Section 22 3000 – Plumbing Equipment, Paragraph 2.03 – Laundry Equipment, Item A: Change stackable washer & dryer model no. to the following: CGT8000XQ 27" Gas Stack Washer/ Dryer with Metercase. Refer to Item B: Change individual dryer model no. to the following: CGW9100WQ 27" Gas Dryer with Metercase.

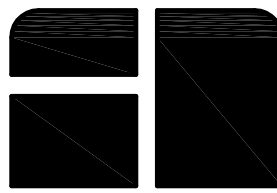
ITEM 2 SHEET P1.1 Addendum No. 2: Add keynotes 22, 23, and 24, Base Bid Note, adjust graphics from Addendum No. 3 including adding keynote changes.

ITEM 3 SHEET M1.1 Addendum No. 2: Add keynotes 22 through 36, add routing of ductwork graphics, Base Bid Notes, BTU change to furnace size in Alternate No. A-2, gas line changes to Laundry Room, and added keynote changes from Addendum No. 3.

ITEM 4 SHEET E1.1 Addendum No. 2: Add keynotes 21 through 27, adjusted plan graphics, and added keynote changes from Addendum No. 3.

END OF ADDENDUM NUMBER 4





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PROJECT:
**ADA IMPROVEMENTS TO
HARTLEY JOB ADMIN. BLDG.
MICHIGAN CITY PORT AUTHORITY
MICHIGAN CITY, INDIANA**

SHEET TITLE:
PLUMBING PLAN

DRAWN BY:
DRJ

DESIGNED BY:
JMS

PM REVIEW:

QA/QC REVIEW:

DATE:
OCTOBER 2011

SEAL:

SIGNATURE:

DATE:

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

Unless Noted Otherwise

ACI JOB #
11-0416

SHEET NO.

P1.1

NO. REVISION DESCRIPTION: BY: DATE:

PLUMBING PLAN KEYNOTES

1. REROUTE EXISTING IRRIGATION LINE AROUND NEW ADDITION AND RECONNECT.
2. CUT INTO EXISTING C.M.U. AND BRICK WALL AS REQUIRED TO TIE NEW WASTE AND VENT LINE THROUGH WALL. REPLACE EXISTING FACE BRICK WITH MATCHING BRICK.
3. NEW SHUT-OFF VALVE TO NEW LAUNDRY COLD WATER SUPPLY LINE, LOCATED AT CEILING.
4. NEW 1" COLD WATER SUPPLY LINE, INSULATED AND COVERED WITH PVC JACKET. MOUNT NEW WATER LINE ON EXISTING TONGUE AND GROOVE DECKING FROM NEW TOILET ROOM OVER TO LAUNDRY.
5. NEW 1 1/2" x 1 1/2" STAINLESS STEEL ACCESS DOOR TO NEW 2" SHUT-OFF VALVE TIED INTO EXISTING POTABLE WATER LINE INTO BUILDING. ROUTE NEW LINE UP AND TIE INTO EXISTING PLUMBING LINES FEEDING EXISTING TOILET ROOMS.
6. NEW 1 1/2" x 1 1/2" STAINLESS STEEL ACCESS DOOR TO TRAP PRIMER VALVE.
7. ROUTE NEW COLD WATER, HOT WATER AND RETURN HOT WATER LINES EXPOSED ON CEILING AS REQUIRED. INSULATE ALL LINES AND COVER WITH PVC JACKET AS REQUIRED.
8. EXISTING KEY DROP BOX - MOVE IF NECESSARY FOR INSTALLATION OF NEW SEWER LINE (BOX IS SURFACE MOUNTED WITH EXPANSION BOLTS).
9. EXISTING 4" PVC SEWER LINE.
10. SAW-CUT EXISTING CONCRETE SLAB TO ACCESS EXISTING SEWER LINE. EXCAVATE AS REQUIRED TO TAP IN A NEW 4" PVC SANITARY BRANCH LINE.
11. EXISTING 4" SANITARY SEWER LINE - EXACT LOCATION NOT DETERMINED.
12. REPLACE EXISTING CONCRETE SLAB WITH NEW 6" CONCRETE SLAB; PROVIDE 1/4" EXPANSION JOINTS, FILLER AND SELF-LEVELING SEALANT. PROVIDE FINISH TO MATCH EXISTING.
13. EXISTING GAS METER.
14. CUT HOLE IN BRICK AND C.M.U. FOR PRV AND CATCH PAN LINES TO EXTERIOR.
15. INSTALL NEW WATER RECIRCULATING PUMP - GRUNDFOS MODEL No. UP10-16BU ATLC WITH TIMER, CHECK VALVE AND SHUT-OFF VALVE.
16. PROVIDE HOT WATER AND COLD WATER DRAIN/DOWN COCK AT LOW POINT OF WATER LINES FOR WINTERIZING PLUMBING SYSTEM.
17. NEW 1 1/2" x 1 1/2" PAINTED GALVANIZED STEEL ACCESS DOOR TO TRAP PRIMER VALVE.
18. INSTALL NEW 4 GALLON EXPANSION TANK.
19. TIE IN NEW HOT WATER LINE TO EXISTING HOT WATER SUPPLY TO EXISTING FIXTURES - EXACT LOCATION NOT DETERMINED.
20. TIE IN NEW SEWER TO EXISTING - EXACT LOCATION NOT DETERMINED.
21. REMOVE AND RESET EXISTING PAVERS AS REQUIRED FOR NEW SEWER INSTALLATION.

PLUMBING PLAN KEYNOTES CONT. :

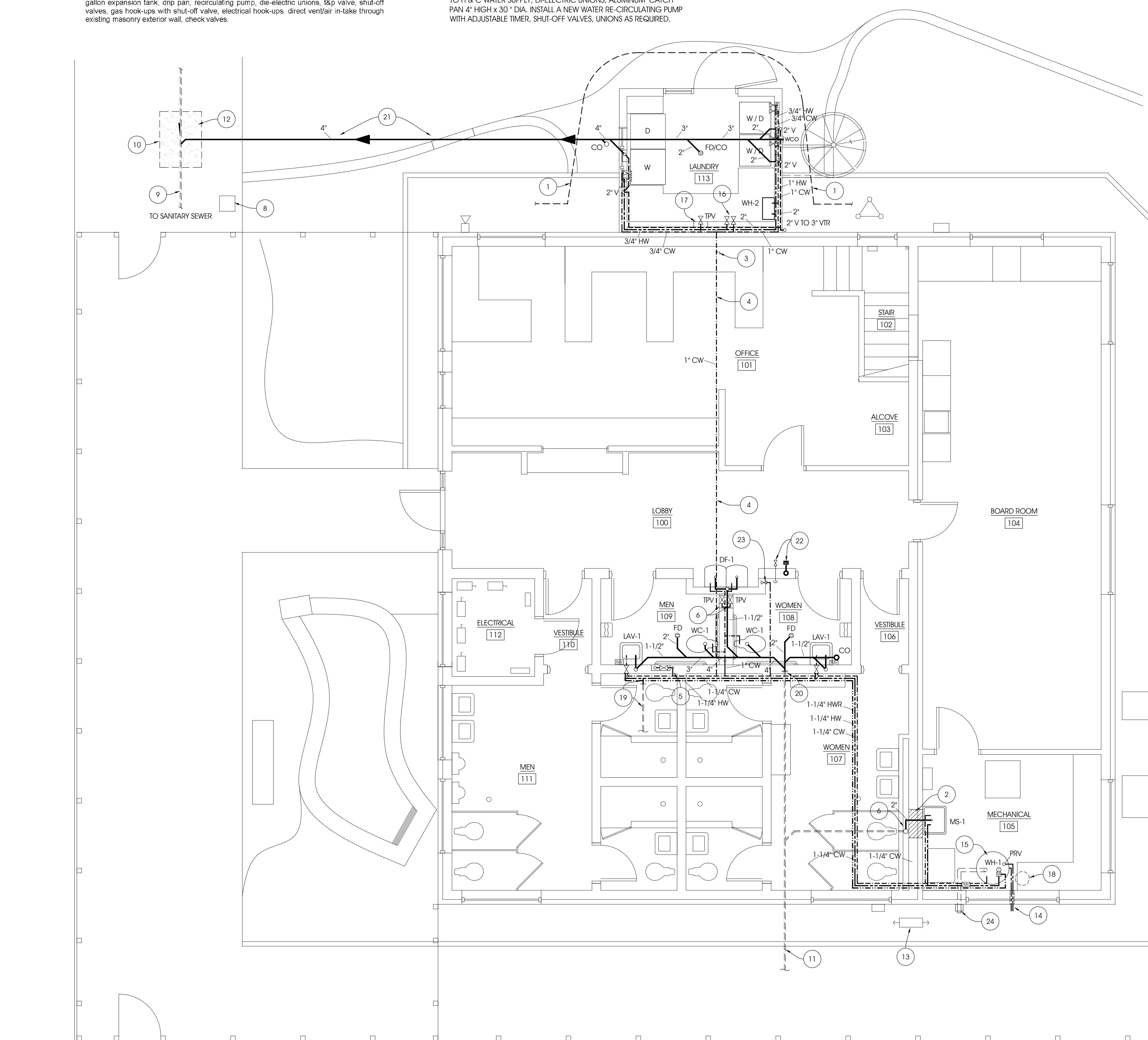
22. CAP EXISTING WASTE PIPE AND CW SUPPLY LINE FLUSH WITH WALL FACE. COVER WITH S.S. COVER PLATE.
23. EXISTING CW SUPPLY LINE AND SHUT-OFF VALVE ABOVE EXISTING NEW SUSPENDED CEILING TO REMAIN.
24. CUT INTO EXISTING C.M.U. AND BRICK WALL AS REQUIRED TO INSTALL NEW EXHAUST / INTAKE VENT TO NEW WATER HEATER UNDER ALTERNATE NO. A-3. FLASH AND SEAL AROUND VENT AS REQUIRED.

BASE BID - EXISTING WATER HEATER - MAIN BUILDING

RELOCATE EXISTING WATER HEATER, THERMAL MIXING VALVE, PRV VALVE, AND FURNISH NEW THE FOLLOWING ITEMS: SHUT-OFF VALVES TO H & C WATER SUPPLY, DI-ELECTRIC UNIONS, ALUMINUM CATCH PAN 4" HIGH x 30" DIA. INSTALL A NEW WATER RE-CIRCULATING PUMP WITH ADJUSTABLE TIMER, SHUT-OFF VALVES, UNIONS AS REQUIRED.

PLUMBING ALTERNATE: A-3

A-3 Provide the Cost for labor and materials to change out the relocated existing water heater and replace with a new A.O. Smith BTX-80 Cyclone HE model with 80 gallon tank capacity. Include within the scope of work to install a temperature control mixing valve, 5 gallon expansion tank, drip pan, recirculating pump, di-electric unions, 1/2" valve, shut-off valves, gas hook-ups with shut-off valve, electrical hook-ups, direct vent/air in-take through existing masonry exterior wall, check valves.



PLUMBING LEGEND

- CW - COLD WATER SUPPLY LINE
- HW - HOT WATER SUPPLY LINE
- HWR - HOT WATER RECIRCULATION LINE
- SANITARY DRAIN LINE
- VENT PIPING
- ⊞ HOT WATER RECIRCULATION PUMP
- ⊞ THERMAL MIXING VALVE

PLUMBING FIXTURE SCHEDULE

FIXTURE	MANUFACTURER	MODEL	DESCRIPTION
LAV-1	AMERICAN STANDARD SLOAN WILKINS	0356.115 EBF-615 10 70XL	A.D.A. COMPLIANT WALL MOUNTED LAVATORY BATTERY POWERED, SENSOR ACTIVATED FAUCET BELOW DECK THERMOSTATIC MIXING VALVE A.D.A. PIPE WRAP
WC-1	KOHLER SLOAN	K-4368-L-O K-4670-C 8110	FLOOR MOUNTED ELONGATED TOILET BOWL ELONGATED TOILET SEAT BATTERY POWERED, SENSOR ACTIVATED FLUSHMETER
MS-1	KOHLER	K-6716 K-8905 K-6716	FLOOR MOUNTED SERVICE SINK KNOXFORD FAUCET STAINLESS STEEL RIM GUARD 3" C.I. TRAP W/ C.O.
WH-1	EXISTING		EXISTING WATER HEATER RELOCATED INSTALL NEW ALUMINUM CATCH PAN
WH-2	NAVIENT AMERICAN, INC.	CC-240A	GAS WATER HEATER W/ STAINLESS STEEL VENT KIT
FD	WADE ZURN	FD-102TY-5RNB Z-1000	FLOOR DRAIN W/ NICKEL STRAINER DEEP SEAL TRAP
WCO	ZURN	Z1460 CO2490	SQUARE WALL ACCESS COVER AND CLEAN OUT PLUG
TPV	ZURN	Z1022	TRAP PRIMER VALVE, BRONZE
DF-1	ELKAY	EZSTLDDC	NON-REFRIGERATED DRINKING FOUNTAIN
TMV	EXISTING	RELOCATED	THERMAL MIXING VALVE
PRV	EXISTING	RELOCATED	REUSE ON EXISTING WATER HEATER
WB	SIOUX CHIEF	696-2303 MR	WASHER BOX W/ SHUT-OFF VALVES 2 BOXES: 1 FOR DRAIN, 1 FOR SHUT-OFF VALVE, PER EACH WASHER

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

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3	ADDENDUM No. 3 - FLOOR C.O. KEYNOTE CHANGES	DRJ	10-28-11
2	ADDENDUM No. 2 - ADD P1.1 SHEET	DRJ	10-24-11
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MECHANICAL ALTERNATES: A-1 AND A-2.

A-1 Provide the Cost for labor and materials to change out the existing furnace and condenser for the Meeting Room; Existing Amana 70 MBTU furnace and 2.5 t cooling, 1200 cfm at .25 w.c.; Replace with a same BTU heating and Tons cooling with at least 95% or better efficiency. Include all necessary materials to reconnect furnace to existing ductwork, re-wire power, and properly vent, include fresh-air make-up air ductwork with motorized damper, exterior louver, interlock damper controls with furnace, and provide new 7-day digital programmable thermostat.

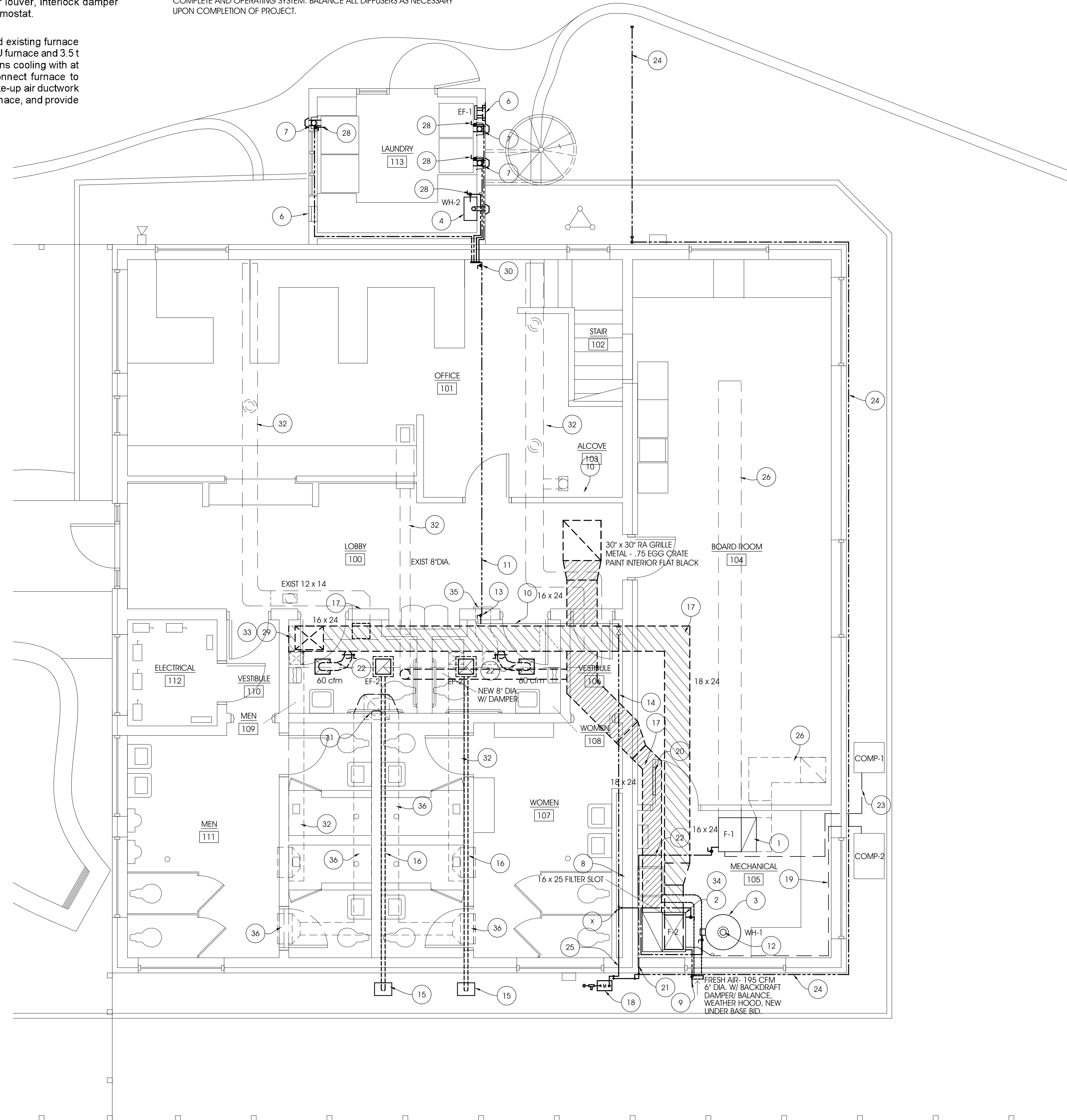
A-2 Provide the Cost for labor and materials to change out the relocated existing furnace and condenser for the Administration Building; Existing Amana 115 MBTU furnace and 3.5 t cooling, 1600 cfm at .25 w.c.; Replace with a same BTU heating and Tons cooling with at least 95% or better efficiency. Include all necessary materials to reconnect furnace to existing ductwork, re-wire power, and properly vent, include fresh-air make-up air ductwork with motorized damper, exterior louver, interlock damper controls with furnace, and provide new 7-day digital programmable thermostat.

BASE MECHANICAL BID:

FURNISH AND REINSTALL EXISTING FURNACE F-2 TO ADMINISTRATION BUILDING WITHIN MECHANICAL ROOM - 105. INSTALL NEW SUPPLY AND RETURN DUCT MAINS, INSULATE, AND LOCATE RUNS WITHIN ATTIC SPACE. EXTEND EXISTING BRANCH SUPPLY AND RETURN DUCTS UP TO NEW DUCTWORK AS NECESSARY TO FURNISH A COMPLETE AND OPERATING SYSTEM. BALANCE ALL DIFFUSERS AS NECESSARY UPON COMPLETION OF PROJECT.

MECHANICAL PLAN KEYNOTES CONTINUED:

22. EXISTING 1/2" GAS LINE EXPOSED ON CEILING TO REMAIN.
23. EXISTING CONDENSATE LINE TO COMPRESSOR TO REMAIN.
24. EXISTING 1/2" EXPOSED GAS LINE TO PATIO GRILLE TO REMAIN.
25. EXISTING 2" GAS LINE TO BUILDING.
26. EXISTING BOARD ROOM MAIN SUPPLY & RETURN DUCT TRUNK LOCATED ABOVE THE CEILING WITHIN ATTIC SPACE. ALL DUCTWORK, SUPPLY DIFFUSERS, AND RETURN GRILLES TO REMAIN.
27. TIE NEW 3/4" GAS LINE INTO EXISTING 2" SUPPLY LINE.
28. NEW SHUT-OFF VALVE AND 3/4" CSST GAS TUBING WITH JACKET.
29. TIE EXISTING DUCTWORK INTO NEW SUPPLY DUCT LOCATED UP IN ATTIC. EXTEND EXISTING DUCTWORK BRANCHES AS REQUIRED. SEAL AROUND DUCT PENETRATIONS WITH DUCT SEALANT.
30. NEW 2" GAS SHUT-OFF VALVE. CAST IRON HEADER WITH 4 - 3/4" BRANCH FEEDS TO WATER HEATER, AND 3 GAS DRYERS.
31. EXISTING ROOF MOUNTED EXHAUST FAN AND DUCTWORK TO REMAIN.
32. EXISTING SUPPLY DUCTWORK AND DIFFUSERS TO REMAIN.
33. PATCH FORMER DUCT OPENING IN EXISTING WOOD DECK WITH NEW 22 GA. SHEET METAL PATCH, SET IN SEALANT BED AND FASTEN WITH WASHERS AND SHEET METAL SCREWS AT 6" O.C. AROUND OPENING. AT ANY FORMER DUCT OPENING WITHIN BLOCK, IN-FILL WITH MASONRY AND GROUT-IN FULL AS REQUIRED.
34. 6" DIAMETER FRESH-AIR INTAKE DUCT (195) TIED BACK TO MAIN RETURN AIR DUCT. PROVIDE IN-TAKE WITH LOW VOLTAGE MOTORIZED DAMPER, BALANCING DAMPER AND WEATHER HOOD THRU EXTERIOR MASONRY WALL. SEAL AROUND ALL PENETRATIONS AND INSULATE ENTIRE DUCT RUN WITH 3" FIBERGLASS WRAP AND SEAL WITH FOIL FACING. TAPE ALL JOINTS AND SEAL. INSTALL THIS WORK UNDER BASE BID & ALTERNATES A-1, A-2.
35. EXISTING WALL GRILLE AND SUPPLY DUCT TO REMAIN.
36. EXISTING EXHAUST DUCTWORK AND GRILLES TO REMAIN.



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

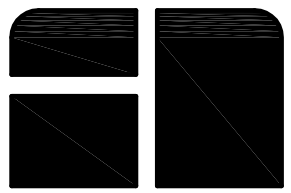
MECHANICAL PLAN GENERAL NOTES

- A. PROVIDE GAS SHUT-OFF VALVES WHERE NOTED AND AT EACH APPLIANCE, WATER HEATER AND FURNACE.
 - B. NEW GAS LINES TO BE CSST STAINLESS STEEL.
1. EXISTING FURNACE TO REMAIN.
 2. EXISTING FURNACE RELOCATED.
 3. RELOCATED EXISTING WATER HEATER.
 4. NEW GAS WATER HEATER, EXTEND AIR-INTAKE AND EXHAUST VENT THROUGH WALL.
 5. REMOVE EXISTING DUCTWORK AND GRILLES.
 6. NEW INTAKE GRILLE UNDER COUNTER - RUSKIN MODEL NO. ELF375DX, ALUM. WITH 3" WOOD RETURN JAMBS PAINTED.
 7. NEW 'DRYERBOX' AND DRYER VENT.
 8. EXISTING C.M.U. AND BRICK WALL.
 9. RUN CONDENSATE LINE THROUGH WALL TO GROUND, CLOSE W/ INSECT SCREEN.
 10. EXISTING 2" GAS LINE TO REMAIN.
 11. NEW 2" CSST GAS LINE WITH POLY JACKET. TAP NEW GAS LINE INTO EXISTING BLACK STEEL LINE LOCATED OVERHEAD ABOVE NEW SUSPENDED CEILING. RUN NEW GAS LINE EXPOSED ON BOTTOM OF EXISTING T&G WOOD CEILING OVER TO NEW LAUNDRY ROOM - PAINT ALL EXPOSED GAS LINES AND RELATED FITTINGS.
 12. NEW 4" GALVANIZED TYPE 'B' GRAVITY VENT THRU EXISTING ROOF. PROVIDE ROOF FLASHING COLLAR, SEALANT MASTIC AROUND FLASH PAN, DRAFT/ RAIN CAP, EXTEND VENT UP TO HT. AS REQUIRED BY FUEL CODE.
 13. NEW BALL GAS SHUT-OFF VALVE LOCATED ABOVE SUSPENDED CEILING.
 14. RESIZE GAS LINE TO ACCOMMODATE RELOCATED GAS FURNACE, WATER HEATER AND EXISTING FURNACE IN MECHANICAL ROOM.
 15. PVC - SOFFIT VENT WITH INSECT SCREEN BY FANTECH OR EQUAL.
 16. 3" 26 GA. GALVANIZED STEEL DUCTWORK WITH TAPED JOINTS, DUCT HANGERS AND INSULATED JACKET WITHIN 10 FEET OF OUTLET.
 17. INSTALL NEW 26 GA. GALVANIZED SHEET METAL DUCTWORK FOR SUPPLY AND RETURN TO NEW RELOCATED FURNACE (F-2). EXTEND BRANCH TAKE-OFFS UP TO NEW MAIN TRUNK DUCT LOCATED UP IN ATTIC SPACE. INSTALL NEW BALANCING DAMPERS AS REQUIRED ON BRANCH TAKE-OFF DUCTS. INSULATE ALL NEW DUCTWORK LOCATED IN ATTIC WITH 3" FIBERGLASS DUCTWRAP AND COVER WITH 8" LOOSE INSULATION BATT.
 18. EXISTING GAS METER & REGULATOR TO REMAIN.
 19. RE-ROUTE EXISTING CONDENSATE LINE AND RECONNECT TO FURNACE (F-2) COIL. RECHARGE REFRIGERANT, TEST AND BALANCE SYSTEM AS REQUIRED.
 20. CUT OPENING IN EXISTING WOOD DOOR FOR NEW STEEL COMBUSTION AIR LOUVER WITH BRONZE FINISH. PROVIDE MODEL NO. AFDL - 22" x 16" AS MFG. BY ANEMONSTAT.
 21. MODIFY EXISTING GAS LINE AS REQUIRED (BLACK STEEL) AND HOOK-UP GAS SERVICE AS REQUIRED TO NEW SHUT-OFF VALVE AND DIRT LEG. TEST PIPING AND SEAL FITTINGS AS REQUIRED.
 22. INSTALL NEW 6" DIA. GALVANIZED DUCT TO NEW SUPPLY DIFFUSER WITH MANUAL BALANCING DAMPER.

EQUIPMENT SCHEDULE

SYMBOL	MANUFACTURER	CATALOG No.	
☒	TITUS	12' x 12'	SUPPLY AIR DIFFUSER FOR SUSP. CLG.
☒	FANTECH	10" x 10"	EXHAUST GRILLE SUPPLIED WITH EXHAUST FAN.
↑	ANY		GAS SHUT-OFF VALVE
WH-1	EXISTING		N. GAS WATER HEATER 100 GAL CAPACITY
WH-2	NAVIEN CASCADE		NEW GAS WATER HEATER 5.6 GPM FLOW, N. GAS
F-1	EXISTING		N. GAS FURNACE
F-2	EXISTING		N. GAS FURNACE
EF-1	FAN TECH		NEW EXHAUST FAN NO. FADE 10, 377 CFM, RUSKIN 12"x12" ALUM. LOUVER ELF 375DX
EF-2	FAN TECH		NEW EXHAUST FAN NO. 6CEV005A, 50 CFM.

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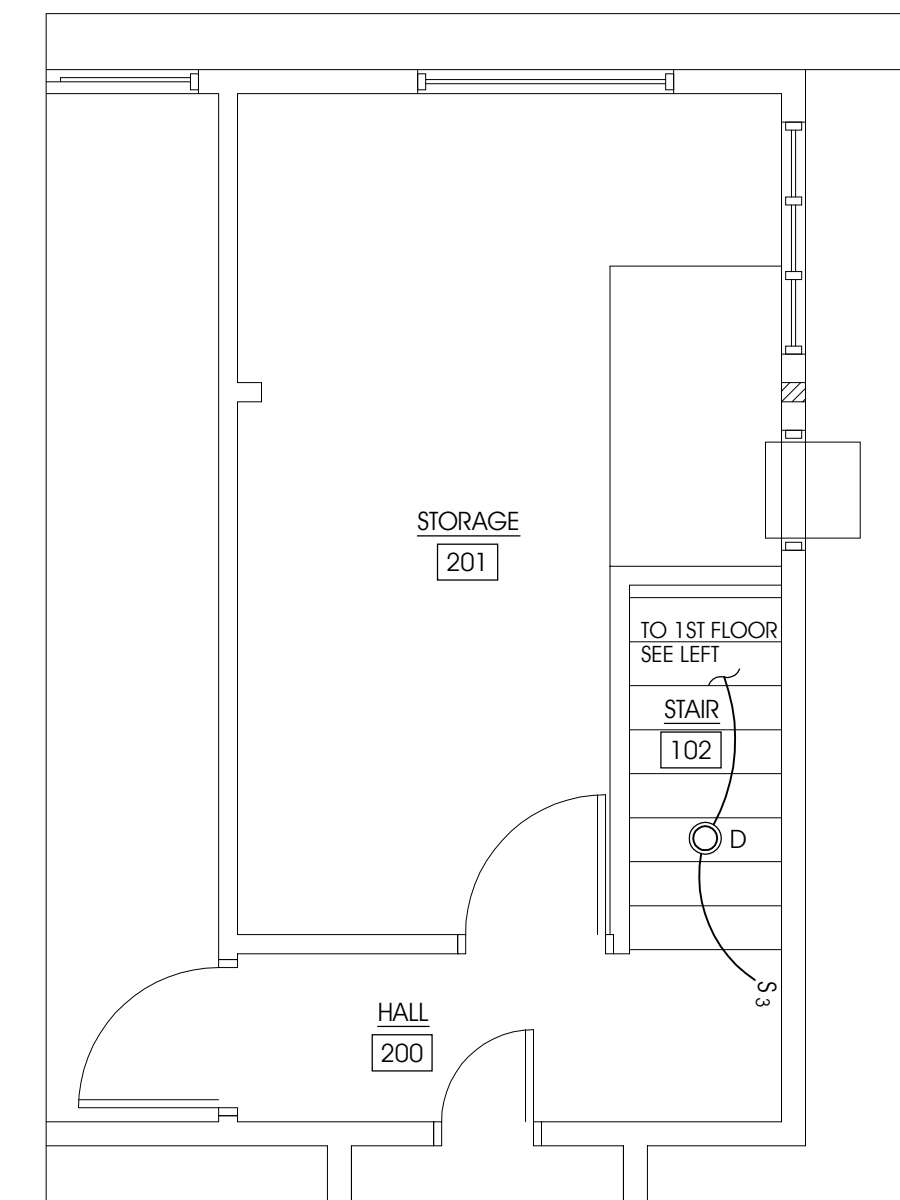
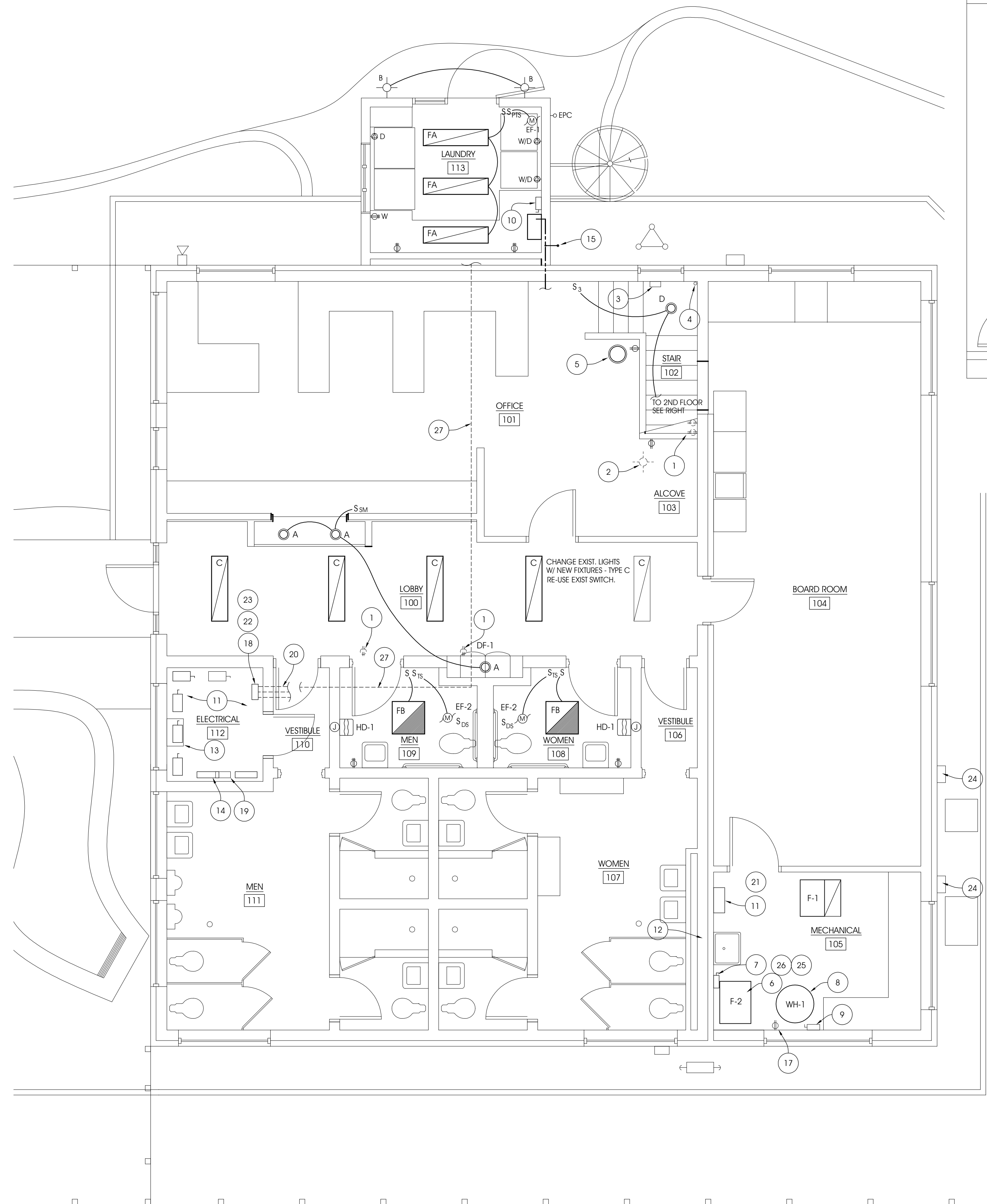
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ELECTRICAL PLAN KEYNOTES CONT.:

21. RUN NEW 20AMP CIRCUIT TO NEW WATER HEATER RE-CIRC PUMP. PROVIDE NO. 12 WIRE W/ G.
22. ELECTRICAL CONTRACTOR TO PROVIDE ONE 20 AMP CIRCUIT BREAKER, GROUND FAULT TYPE FOR RECEPTACLES IN LAUNDRY, BUILDING LIGHTING AND TOILET ROOMS WITH NO. 12 WIRE W/ G. TO ALL NEW CIRCUITS OF THE FOLLOWING :
 - A. EACH WASHER.
 - B. EACH DRYER.
 - C. LAUNDRY EXHAUST FAN.
 - D. LAUNDRY INT. & EXT. LIGHTING.
 - E. LAUNDRY RECEPTACLES.
 - F. LAUNDRY WATER HEATER.
 - G. NEW LOBBY RECESSED LIGHTING.
 - H. NEW TOILET ROOM LIGHTING.
 - I. NEW TOILET ROOM HAND DRYERS.
 - J. NEW TOILET ROOM EXHAUST FANS.
 - K. NEW TOILET ROOM RECEPTACLES.
 - L. NEW LIGHTING OVER STAIRS, TRANSACTION WDW. AND DRINKING FOUNTAIN ALCOVE.
23. ELECTRICAL CONTRACTOR TO FURNISH ONE 20 AMP CIRCUIT BREAKER FOR EXISTING OR NEW FURNACE. ONE 30 AMP 240V BREAKER FOR EXISTING OR NEW A/C COMPRESSOR. PROVIDE NO. 12 WIRE W/ G. FOR 20 AMP CIRCUITS AND NO. 8 WIRE W/ G. FOR 30 AMP CIRCUITS.
24. EXISTING NON-FUSED W.P. DISCONNECTS TO REMAIN.
25. INSTALL RELOCATED THERMOSTAT AND NEW CONTROL WIRING FROM STAT BACK TO FURNACE AS REQUIRED UNDER BASE BID. UNDER THE MECHANICAL ALTERNATE A-1 AND A-2 REPLACEMENT OF EXISTING FURNACE UNITS, WIRE NEW THERMOSTAT AND CONTROL WIRING TO FURNACE UNITS.
26. E.C. TO PROVIDE ALL WIRING NECESSARY TO WIRE NEW MOTORIZED FRESH-AIR DAMPER AND INTERLOCK WITH EXISTING FURNACE UNDER THE BASE BID OR INTERLOCK UNDER WITH NEW FURNACES UNDER ALTERNATES A-1 & A-2. ALL WIRING IS LOW VOLTAGE - MATCH VOLTAGE REQUIREMENTS PER MANUFACTURER REQUIREMENTS.
27. ROUTE SURFACE MOUNTED CONDUITS TO ALL LAUNDRY CIRCUITS EXPOSED ALONG EXISTING GLU-LAM BEAM BACK TO EXISTING ELECTRICAL ROOM. PAINT ALL EXPOSED SURFACE CONDUITS TO MATCH CEILING.



SECOND FLOOR ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"

LEGEND

- ⊕ NEW DUPLEX RECEPTACLE
- ⊕ NEW DUPLEX GFCI RECEPTACLE
- ⊕ NEW 120V DRYER RECEPTACLE
- Ⓝ NEW JUNCTION BOX
- Ⓜ NEW EXHAUST FAN
- ⊖ REMOVE EXISTING RECEPTACLE AND DE-ENERGIZE CIRCUIT
- S SINGLE SWITCH
- S₁₅ DIGITAL TIME SWITCH
- S_{PDS} PROGRAMMABLE DIGITAL TIME SWITCH
- S_{DS} 120V SINGLE TOGGLE DISCONNECT SWITCH
- S_{SM} NEW SURFACE MOUNTED CONDUIT, GANG BOX W/ SWITCH, PAINTED.
- S₃ THREE-WAY SWITCH

LIGHTING AND EQUIPMENT SCHEDULE

SYMBOL	TYPE	MANUFACTURER	CATALOG No.	
FA	FA	LITHONIA O/E	VRS-2-32-AR12 MVCLT GEB10IS	SURFACE MOUNT 1 x 4
FB	FB	CORELITE O/E	R2WL3N51E12022T1 14W T5	RECESSED 2 x 2
A	A	HALO	H7LED CAN ML706835 MODULE 494WB06 TRIM	RECESSED CAN FIXTURE
B	B	HALO	694WP-RB-CFL/1-3-120V-WH-C	SURFACE MOUNTED WALL LIGHT WHITE
C	C	METALUX	BSX-FA T8 WHITE	CHANGE OUT WITH EXISTING FIXTURE
D	D	HALO	H2513	SURFACE MOUNTED FIXTURE WHITE

ELECTRICAL PLAN KEYNOTES

1. EXISTING RECEPTACLES TO BE REMOVED - MAINTAIN CONTINUITY OF CIRCUITS.
2. EXISTING CEILING MOUNTED LIGHT FIXTURE TO BE REMOVED.
3. EXISTING CABLING BOX TO BE RELOCATED.
4. EXISTING CONDUIT TO BE RELOCATED.
5. EXISTING CEILING MOUNTED LIGHT FIXTURE TO BE RELOCATED.
6. NEW FURNACE.
7. NEW DISCONNECT FOR NEW FURNACE.
8. RELOCATED EXISTING WATER HEATER.
9. NEW DISCONNECT / J-BOX FOR RELOCATED WATER HEATER.
10. NEW DISCONNECT FOR NEW WATER HEATER.
11. EXISTING ELECTRICAL PANELS.
12. EXISTING C.M.U. AND BRICK WALL.
13. MAIN DISTRIBUTION PANEL.
14. RELOCATED SECURITY PANEL. EXTEND ALL CIRCUITS AS REQUIRED.
15. INSTALL NEW GROUND WIRE (#4 MIN. W/ CLAMP) AND 1/2" 8'-0" COPPER GROUNDING BAR FOR NEW GAS LINE AT LAUNDRY.
16. NEW LIGHT LOCATION.
17. POWER RECEPTACLE FOR CORDED WATER RECIRCULATION PUMP.
18. EXISTING ELECTRICAL SUBPANEL FOR ALL NEW HOME RUN CIRCUITS. RELABEL.
19. EXISTING ELECTRICAL SUBPANEL FOR ALL 2ND FLOOR ELECTRICAL CIRCUITS.
20. RUN ALL NEW CIRCUITS FROM HOME RUN SUBPANEL IN CONDUIT IN ATTIC TO APPROPRIATE CIRCUITS.

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

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PLANNING

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PROJECT:
**ADA IMPROVEMENTS TO
HARTLEY JOB ADMIN. BLDG.
MICHIGAN CITY PORT AUTHORITY
MICHIGAN CITY, INDIANA**

ELECTRICAL PLAN

SHEET TITLE:
DRJ
DESIGNED BY:
JMS
PM REVIEW:
QA/QC REVIEW:
DATE:
OCTOBER 2011
SEAL:

SIGNATURE:

DATE:

HARD COPY IS INTENDED TO BE
24" X 36" WHEN PLOTTED.
SCALE(S) INDICATED AND
GRAPHIC QUALITY MAY NOT BE
ACCURATE FOR ANY OTHER SIZES

SCALE:
1/4" = 1'-0"
Unless Noted Otherwise

ACI JOB #
11-0416

SHEET NO.

E1.1

NO.	REVISION DESCRIPTION	BY:	DATE:
4	ADDENDUM No. 4 - KEYNOTE CHANGES, CLARIFICATION ALT A-2, A-3.	DRJ	10-31-11
3	ADDENDUM No. 3 - FLOOR C.O. KEYNOTE CHANGES	DRJ	10-28-11
2	ADDENDUM No. 2 - ADD P1.1 SHEET	DRJ	10-24-11
1	ADDENDUM No. 1 - EXTEND BID DATE	DRJ	10-18-11

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