

AIA[®] Document G704[™] – 2000

Certificate of Substantial Completion

PROJECT: <i>(Name and address)</i> 10020-Valley View Fire Station No. 1 1273 Stump Bridge Road Canton, MS 39046	PROJECT NUMBER: 10020/ CONTRACT FOR: General Construction CONTRACT DATE: September 20, 2012	OWNER: <input type="checkbox"/> ARCHITECT: <input type="checkbox"/> CONTRACTOR: <input type="checkbox"/> FIELD: <input type="checkbox"/> OTHER: <input type="checkbox"/>
TO OWNER: <i>(Name and address)</i> Madison County Board of Supervisors PO Box 404 Canton, Mississippi	TO CONTRACTOR: <i>(Name and address)</i> Richard Womack Construction, LLC 141 Blackwell Road Mendenhall, MS 39117	

PROJECT OR PORTION OF THE PROJECT DESIGNATED FOR PARTIAL OCCUPANCY OR USE SHALL INCLUDE:

All Work

The Work performed under this Contract has been reviewed and found, to the Architect's best knowledge, information and belief, to be substantially complete. Substantial Completion is the stage in the progress of the Work when the Work or designated portion is sufficiently complete in accordance with the Contract Documents so that the Owner can occupy or utilize the Work for its intended use. The date of Substantial Completion of the Project or portion designated above is the date of issuance established by this Certificate, which is also the date of commencement of applicable warranties required by the Contract Documents, except as stated below:

Warranty

Date of Commencement

Joseph Orr Architecture PA	<u>J. Orr</u>	July 22, 2013
ARCHITECT	BY	DATE OF ISSUANCE

A list of items to be completed or corrected is attached hereto. The failure to include any items on such list does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents. Unless otherwise agreed to in writing, the date of commencement of warranties for items on the attached list will be the date of issuance of the final Certificate of Payment or the date of final payment.

Cost estimate of Work that is incomplete or defective: \$16,630.00, or 2.5% of the value of Work.

The Contractor will complete or correct the Work on the list of items attached hereto within Zero (0) days from the above date of Substantial Completion.

Richard Womack Construction, LLC	<u>[Signature]</u>	8/13/13
CONTRACTOR	BY	DATE

The Owner accepts the Work or designated portion as substantially complete and will assume full possession at 8:00 AM (time) on ~~Monday July 22, 2012 (date)~~ Tuesday August 27, 2013.

Madison County Board of Supervisors	_____	_____
OWNER	BY	DATE

The responsibilities of the Owner and Contractor for security, maintenance, heat, utilities, damage to the Work and insurance shall be as follows:

(Note: Owner's and Contractor's legal and insurance counsel should determine and review insurance requirements and coverage.)



FIELD OBSERVATION REPORT

DATE: July 18, 2013

PROJECT: Valley View Fire Station 1
Canton, Mississippi
JO# 10002.04

TIME: 1:30 PM

ATTENDANCE: Mack Pigg Madison County
Paul Houchen Womack
Joseph Orr Joseph Orr Architecture PA

ARCHITECTURAL PUNCHLIST

GENERAL ITEMS

1. Conduct final cleaning on all rooms.
2. Remove dust accumulation on all window ledges.
3. All window gyp openings have rough areas at the top and bottom corners. Conduct final floating. Same comment applies to top corners of hollow metal door frames.
4. Clean attic space of minor bits and pieces of construction debris.
5. After cleanup of attic spaces, reset all batt insulation that may have fallen through or not correctly placed between ceiling joists.
6. Final wipe down of all the FRP wall surfaces in apparatus bay.
7. The end caps on the surface mounted fixtures in the residential areas are bent. Adjust to sit flush to the lexan covers.

ROOM 101

8. Clean smudges around the light fixture in the ceiling.
9. Float gyp above rubber base, northwest corner of room.
10. Straighten HVAC air vent so it is parallel to the wall.

KITCHEN 103

11. Patch and touchup wall below the under-counter light fixture.
12. Finish installation of stainless backsplash at range.
13. Replace all upper cabinet doors where hinge cutouts have been misaligned.
14. Above dishwasher, adjust backsplash to conceal gap below it.
15. Backsplash needs alignment adjacent to range. Gaps showing below splash.
16. Apply sealant around top perimeter of backsplash.

17. Final wipe down of the vertical surfaces of the cabinets.
18. Final adjustment to cabinet doors to align the flatness between adjacent panels. Too much lippage between panel doors.
19. Float out the sheet rock at the extreme east end below the under-counter light.
20. Refloat the corner above the corner guard (outside corner adjacent to the refrigerator.)

LOUNGE 104

21. Marker board surface finish is cracked and shall be replaced.

STORAGE AREA 105

22. Do a little bit of floating around the edge of the light fixture switch plate.
23. Refinish drywall at the corner below the inside of the door hinge.
24. Bondo the top head of that same door where the door rabbit is showing a dent.

HALLWAY 106

25. Caulk joint at top of water fountain to be redone. Messy installation.

BUNK ROOM 107

26. Install some caulking around the laminate countertop ledge.
27. Reinstall missing rubber door-stop.
28. Rework caulking against the doorframe adjacent to the light fixture switch.

TOILET 108

29. Clean all wallcover below the lavatory.
30. Adjust the speed of the door closer to increase the speed.

BUNK ROOM 109

31. Adjust speaker grill so that it sits flush to the ceiling.
32. Replace burnt out lamp.
33. Recess and float out dent in the doorframe above the strike.
34. Rework drywall finish at the edge of the door frame behind the hinges.

TOILET 110

35. Set the escutcheon for the shower head with adhesive.

APPARATUS BAY 111 – starting at base of Mezz. stair, walking around room in clockwise fashion.

36. Paint over fabrication marks on underside of steel channel lintel Door #1.
37. Clean glue off of jamb of the overhead doors tracks resulting from the installation of the FRP panels.
38. Rub with a rock the side of the concrete curb under the FRP panels to try to make the curb more of a consistent color.
39. Additional painting needed along bottom side of mezzanine stair hand railing. Paint is showing thin.
40. Fill in weld holes where mezzanine handrail is welded to stair stringer.
41. Fill in hole at plywood panel above dryer.
42. Clean up paint on the overhead door closure next to the man door.
43. Clean out all dust from the motorized operated intake louvers.

Punchlist
July 18, 2013
page 3

44. Sand down the sides of the steel overhead door jambs where the primer has flaked off and is telegraphing through the final coat of paint. (Evident at Door #1).
45. Sand below the very bottom stringer of the stair in the plywood paneling to try to smooth that out again.
46. Wipe down all of the mud from the unistrut framing on the overhead BFP drain pan.
47. Straighten out the black cover plate next to OH Door #3.

MEZZANINE 150

48. Clean up mud accumulation on mezzanine access stair.
49. Clean dust off of all the foil-faced ductwork.
50. Touch-up painting on the access door located on the east wall of the mezzanine.
51. Final wipe down of the plywood decking.
52. Clean out the HVAC condensate overflow pans.
53. Touch up where yellow paint has been over-painted on gas line. Follow gas line from one end to the other and where places are over-painted need to be wiped down or painted again.
54. Fix split along the bottom of the framing opening inside the mezzanine access stair.

EXTERIOR – starting at Northwest corner of building and walking clockwise.

55. Adjust splash block to be under downspout at corner of building.
56. Mason shall return with extension ladder to get up high around circular vent to cleanup tuck pointing.
57. All lower downspout straps are too short and need to be replaced with longer straps.
58. On Northeast corner, tuck pointing needs to be done below bottom brick at the corner of the garage door.
59. Screw down the flange of the coping on the north elevation at the very apex of the parapet wall.
60. Touch up painted finish where fasteners are showing around the window trim at the exterior equipment yard.
61. Clean scuff marks on the outside of the man door at the back of the building.
62. Extreme northwest corner: coping on the end of the wall is not level with the brick joint.

GENERAL NOTES – EXTERIOR

63. Some handwork or fine grading to fill in all pockets against the edge of the building.

Joseph Orr Architecture PA



Joseph Orr, AIA

cc: Shelton Vance Madison County
Mack Pigg Madison County
Richard Womack Womack

Joseph Orr

From: Jimmy Vickers [jimmyvickers@warnockandassociates.com]
Sent: Monday, August 05, 2013 1:33 PM
To: Joseph Orr
Subject: Re: Valley View

Joe,
I met Paul out there at the Fire Station @1:30 Thursday, August 1, 2013 for our part of the final inspection. I noted only two items that needed to be addressed by the contractor.

- Our revised drainage plan had the concrete slab slightly elevated at the back doors to force the water to flow North and not through the parking lot. I can live with the concrete the way it is, but I told Paul to create a swale just North of the concrete to stop the water and mud from running into the parking area.
- Clean debris and silt out of ditch North of Fire Station. Ditch is full of silt that ran off of project.

Jimmy Vickers
Construction Manager

Warnock & Associates, LLC
158 W. Center Street
Canton, MS 39046
Cell: 662-571-0015
Office: 601-855-2250
Fax: 601-855-2599
Email: jimmyvickers@warnockandassociates.com

From: Joseph Orr
Sent: Monday, August 05, 2013 10:18 AM
To: 'Jimmy Vickers'
Cc: 'Richard Womack' ; 'Mack Pigg'
Subject: Valley View

Jimmy – when will I get your Valley View punch list?



Joseph Orr, AIA
Joseph Orr Architecture PA
PO Box 967
Canton, MS 39046
jorr.biz



CONSULTING ENGINEERING
 GREGG COX, P.E.
 AL GUYNES
 JASON KACKLEY, LEED AP
 KEVIN STARKS, P.E.

**MECHANICAL SYSTEMS
 PROJECT OBSERVATION
 SUBSTANTIAL COMPLETION**

DATE: 07/23/13

PROJECT:
 Valley View Fire Station

CGM PROJECT NO:
 306-040

LOCATION:
 Canton, MS

CONTRACTOR:
 Richard Womack Construction

SUPERINTENDENT:
 Paul Houchen

TIME:
 7:00 a.m.

WEATHER CONDITIONS:
 Cloudy; ± 75° F

PHOTOGRAPHS TAKEN
 YES NO

PAY APP REVIEWED
 YES NO

PROGRESS SINCE LAST OBSERVATION:

Mechanical portion of this project should not be considered substantially complete until the following items have been fully addressed by the Contractor and verified by the General Contractor:

1. Complete T. A. B. Report has been reviewed by this office.
2. Attached deficiencies have been completed by the Mechanical Contractor and verified by the General Contractor.

CONTRACTOR INSTRUCTIONS:

- The Contractor shall remedy all known punch list items to date, with all blanks initialed and dated, and shall thereafter transmit to Architect and Engineer a minimum of four (4) working days prior to requesting a follow-up verification observation.
- Contractor to submit TAB Report ASAP.

PROJECT CLOSEOUT REQUIREMENTS:

Provide closeout documentation and checklists per Mechanical Specifications.

COMMENTS:

It appears Owner has elected to install L. P. gas storage tank below grade and not above grade as indicated upon Mechanical Drawings.

CC: Joseph Orr – Joseph Orr Architect
 Jason Kackley - CGM
 File

OBSERVED BY: 
 Al Guynes, Construction Administrator

DATE: 07/23/13
 CGM #: 306-040
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INITIALS OF PERSON COMPLETING TASK	DATE TASK COMPLETED	DESCRIPTION OF TASK
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NOTABLE DEFICIENCIES:		
EXTERIOR:		
	1	Incorrect dryer vent installed; see Specifications.
	2	Label gas piping at equipment pad.
	3	Label condensing unit.
	4	Seal refrigerant piping penetration of the exterior wall with mildew resistant, paintable caulking for water tight installation.
	5	Install brass plug on exterior finish grade sanitary sewer clean out as specified. PVC plug shall not be utilized.
	6	Caulking required at exterior hose bibb installations.
	7	It appears that Contractor has installed only one regulator on gas piping system and separate regulators at generator and building per Mechanical Drawing M2.1.
	8	No shut off valves installed on gas piping per Drawing M2.1.
	9	Could not verify installation of tracer wire/identification tape on below grade LP gas piping.
INTERIOR:		
	10	Remove mortar and grout from strainer located at floor drain in toilets.
	11	Hot water not operational shower and lavatory in Restrooms and sink in Kitchen.
	12	Service sink SS-1 not anchored to wall.
	13	Saddles not installed at domestic water supports in Truck Bay.
	14	Domestic water piping not labeled in Attic Space nor Truck Bay
	15	Magnetic motor starter not installed at truck bay for exhaust fan EF-3 per Drawing M3.1.
	16	Damper at exhaust fan EF-3 not fully closing when fan is not operating.
	17	Label ventilation thermostat/magnetic motor starter for exhaust fan EF-3 and thermostat for unit heater UH – 1.
	18	Manufacturer's controller not installed for water heater WH -1 and therefore water heater is not operational.
	19	Label gas piping at mezzanine level.
	20	Install floor mounted supports for condensate drain piping serving dehumidifier DH-1.
	21	Air filter not installed in furnace evaporator F/E-1 at time of my visit. Unit was running therefore cleaning of coils and written confirmation from equipment manufacturer stating that FE-1 warranty is still valid without exception will be required.
	22	Remove trash and repair damaged drain pan serving F/E-1.
	23	Float switch not accessible nor installed correctly in drain pan for F/E-1.
	24	Vibration isolation pads not installed at dehumidifier DH-1 and furnace/evaporator FE-1. See Details on Sheet M4.2.
	25	Complete insulating of condensate drain piping for FE-1 at floor of mezzanine level.
	26	Duct mounted smoke detectors not installed at FE-1.

DATE: 07/23/13
 CGM #: 306-040
 PAGE 3

INITIALS OF PERSON COMPLETING TASK	DATE TASK COMPLETED	DESCRIPTION OF TASK
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NOTABLE DEFICIENCIES:		
	27	Installation of duct mounted fire dampers and access doors incomplete at mezzanine.
	28	Rework plenum at wall mounted outside air Intake louver. Current installation not acceptable.
	29	General Contractor shall remove trash from atop of FE-1.
	30	30. Install rubber grommet where gas pipe enters FE-1 such that gas pipe is not in direct contact with unit.
	31	Seal ductwork penetrations at mezzanine floor.
	32	Fire damper not installed at R/A grille in Room 102.
	33	Drain pan and float switch not installed at DH-1 per Detail on Sheet M4.2,
	34	Over flow piping for drain pans at FE-1 and DH-1 not installed.

The Power Source, PLLC

Consulting Engineers

945 Madison Avenue
Madison, MS 39110

Telephone: (601) 605-4820

Fax: (601) 605-4875

FIELD OBSERVATION REPORT

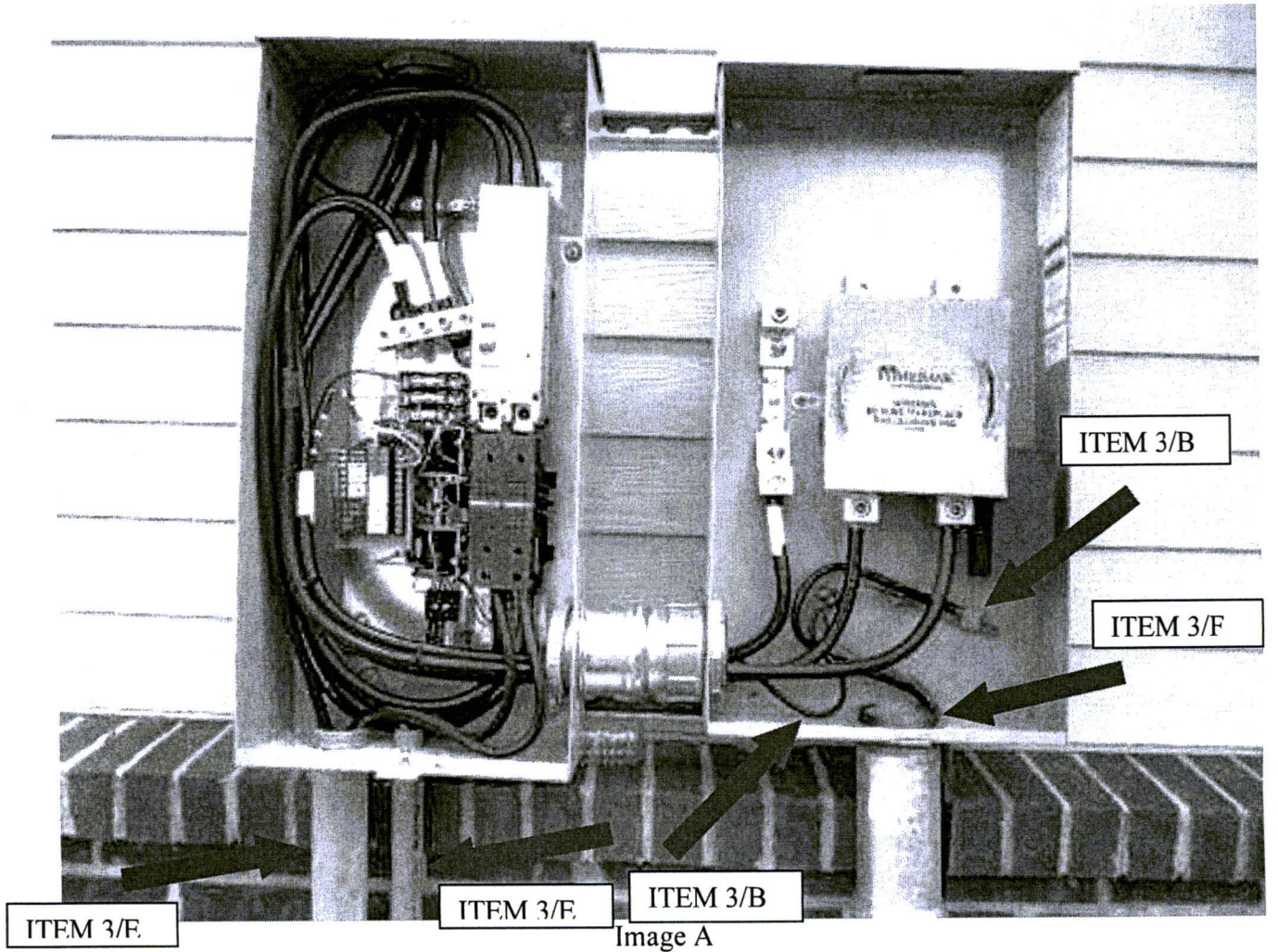
Project #: 12143
Project Name: Valley View Fire Protection District
Location: Stump Bridge Road, Canton, MS
Date of Site Visit: 10 July 2013
Purpose of Site Visit: Electrical Pre-Final Punch List
Pages: 3

The following are comments from my site visit:

1. The building did not have utility power connected and the Electrical Contractor was not 100% complete. Our office reserves the option to further review the project after the completion of the electrical systems.
2. Smoke Detectors: The detectors were installed but could not be properly checked without utility power.
3. Power Distribution System: The panels are completed. Utility power has not been connected. The following was noted as incomplete or requiring correction; See image A.
 - A. Complete grounding to water, gas and building steel per detail 2/E0.1.
 - B. Use split bolt (or other conductor termination unit) connection for grounds in meter base. Pig tail from this connection to housing bond. Replace # 4 ground conductor with # 2 conductor to the service entrance ground bar in the transfer switch.
 - C. Provide our office with a copy of the generator test and start up report.
 - D. Provide nameplates and typed circuit directories on electrical equipment per specification 16010 3.9. Circuit entrees shall be unique per NEC requirements. Receptacle and lighting circuits shall list locations of receptacle and lighting circuits.
 - E. Generator conduits exposed to weather and abrasion are PVC, specification 16110 1.2 B & C requires conduits exposed to weather to be GRS type conduit. Bushing are not installed on conduits.
 - F. Install grounding bushing on service feeder conduit. Coat GRS conduit treads with cold Zinc galvanizing.
 - G. Detail 2/E0.1 requires three ground rods be installed in a triangle form. The Contractor has installed two ground rods in a straight line. The Contractor shall test the grounding per specification 16010 3.11 B.

4. Emergency Lighting System: The emergency fixtures were checked for proper operation on battery power by turning off temporary power. All appeared to operate properly with the following exceptions;
 - A. Apparatus Bay 111 - Three HE fixtures did not operate properly.
 - B. Apparatus Bay 111 - Exit fixture did not operate properly.
 - C. Kitchen 103 – CE fixture did not operate properly.
5. Lighting System: The fixtures appeared to operate properly on temporary power. The following was noted as incomplete or requiring correction;
 - A. Site Lighting: Fixtures for flag pole and sign power was not completed.
 - B. Conduits exiting the building and exposed to weather and abrasion are PVC type. Specification 16110 1.2 C requires conduits exposed to weather be GRS type. Replace Conduits per specification requirements.
 - C. Pole Lighting: Install ground rods, Bond all grounds together in a connection point in the hand hole. Pig tail from this connection to bond the pole housing.
 - D. Pole Lighting: Grout pole bases per detail 2/E0.2.
6. Receptacles: Most receptacles were complete. Polarity could not be checked because power was not on. The following is noted as incomplete or requiring correction;
 - A. Hall 100 – Receptacle by front door is loose in wall.
 - B. All receptacles shall be tested for proper power and polarity.
 - C. Microwave receptacle was not complete.
 - D. Receptacles located outdoors shall have heavy duty die cast metal weather proof while in use cover plates installed per specification 16460 2.2 C. Replace cover plates.
7. Electrical Connections to Mechanical Equipment: The connections were reviewed and the following was noted as incomplete or requiring correction;
 - A. CU-1 – Replace the residential grade disconnect with a heavy duty disconnect per specification 16430 2.1 A.
 - B. CU-1 – Disconnect had to be relocated due to structural steel in walls. GRS conduit shall be routed along the brick ledge to the designed location of the disconnect, Then transition to sealtight flexible conduit to the unit.
 - C. CU-1 – Replace the carflex plastic conduit with sealtight flexible conduit per specification 16110 2.7.

- D. CU-1 – The data plate on the unit list the MOP (maximum overcurrent protection) at 40AMPs. The unit is connected to a 45AMP breaker.
 - E. Garbage disposal is not complete.
 - F. Attic fan was not complete.
 - G. Label all disconnect switches. List load name as listed in panel and circuit address.
8. Communications System: The system is not complete. The following was noted as incomplete or requiring correction;
- A. TDBB – Paint and install grounding per specification 16800 2.6.
 - B. Complete the system and test cabling per 16800 3.7.
 - C. Install bushing on conduits where cables exit.
 - D. Feeder conduits at pole are not complete.
9. Raceways and enclosures: The following is required;
- A. Cap any unused underground conduits with fittings designed for such, PVC fittings are acceptable, duct tape is not.
 - B. Seal any underground conduits with cables in them.
 - C. Close or install cover plates on all electrical equipment.
10. Close out Documents: Provide documents as required by the specifications including red-line as-built drawings and shop drawings, manuals, test results, warranty statement and any owner training required.
11. The electrical work for this project is near completion and will be acceptable when the items listed above have been completed.



End of Report

Please call me if you have any questions or comments.

Gary D. lee
The Power Source, PLLC