

Thursday, February 26, 2015

[illegible]

Replace Air Conditioning and Environmental Controls Mechanical Improvements Phase 3

Pre Bid Construction

Project 573-10-600

Thursday, February 26, 2015

<u>PRINT Name</u>	<u>Service</u>	<u>Phone #</u>
Kurt Schulze	ENGINEERING	352-376-1611 ext 6557
Charlie Smith	WW GAY	352-494-3382
Charles Crosier	WW GAY	352-538-4120
DAVID PABOR	BLUE CORD	407-615-9608
Samuel Moreland	Plug Smart	239-671-9821
Bill Casey	Pacific Tech Const	850-390-3219
Juli DeVries	ESA South	352-376-9200
Kevin Harmon	ESA South	352-376-9200
Dave Sanders	All Florida Electric	352-378-6014
DANNY STRICKLAND	AC General Inc	904-783-4200
Mike Johnston	AC General Inc.	904-783-4200
Chris Stalwaker	W.W. Gay mech.	352-538-7557
Steve Tinsley	W.W. GAY mech.	352-264-2619
Grady Tester	VA Elec Shop	6447
Jody ANDERSON	VA HVAC Supervisor	6259
Gary Hall	VA Eng	6901
Manuel Arandia	VA Eng	5185
Coyle Jones	hvac	6419
John Matthews	Climate Control Mechanical	352-291-0185
Robbie Pughert	const mechanical	813-352-2921
LAVIA W MARQUIS	VA-ENG	352.271.5043



March 10, 2015

Mr. Kurt Schulze, Ph.D., PE

Subject: M. Randall VA – Mechanical Improvements Ph. 3
VA-573-10-600 MES# 2012 578
Addendum #1

This Addendum No. 1 issued to clarify, add to, revise, and/or delete certain items of the contract documents for this work, constitutes a part of the contract documents.

Changes to the drawings are clouded with delta 1, and dated 03-11-2015.

1. Drawing A-102: Added note clarifying Lab construction and demolition Base Bid unless Deduct Alternate #3 is accepted.
2. Drawing A-122: Added note clarifying Lab construction and demolition Base Bid unless Deduct Alternate #3 is accepted.
3. Drawing AD-102: Added note clarifying Lab construction and demolition Base Bid unless Deduct Alternate #3 is accepted.
4. Drawing G-202: Added note clarifying Lab construction and demolition Base Bid unless Deduct Alternate #3 is accepted.
5. Drawing MH-123: Revised ductwork at the Heat Recovery Heat Pipes from parallel flow to counter flow.
6. Drawing MH-506: Revised Plan #7 Existing AC-3E – Refurbished.
Revised notes to read as follow:

Deductive bid alternate #2:

Reuse existing A/C-3E and A/C 9E. Contractor shall repair A/C-3E as required to improve its performance and efficiency:

- Provide a new heat wheel where the old one was removed.
- Seal all air gaps within unit.
- Seal air tight leaky access doors.
- Change fan belts.
- Clean Chilled water coils.

- Rebalance unit air flows to quantity as close as possible to quantity as indicated below.

7. Drawing MH-601: Revised Exhaust and Outside Fan schedule.
8. Electrical Drawings: All references to Drawing EP500 shall be changed to drawing E-000.

END OF ADDENDUM

Attachments: (7): Drawings A-102, A-122, AD-102, G-202, MH-123, MH-506, and MH-601.

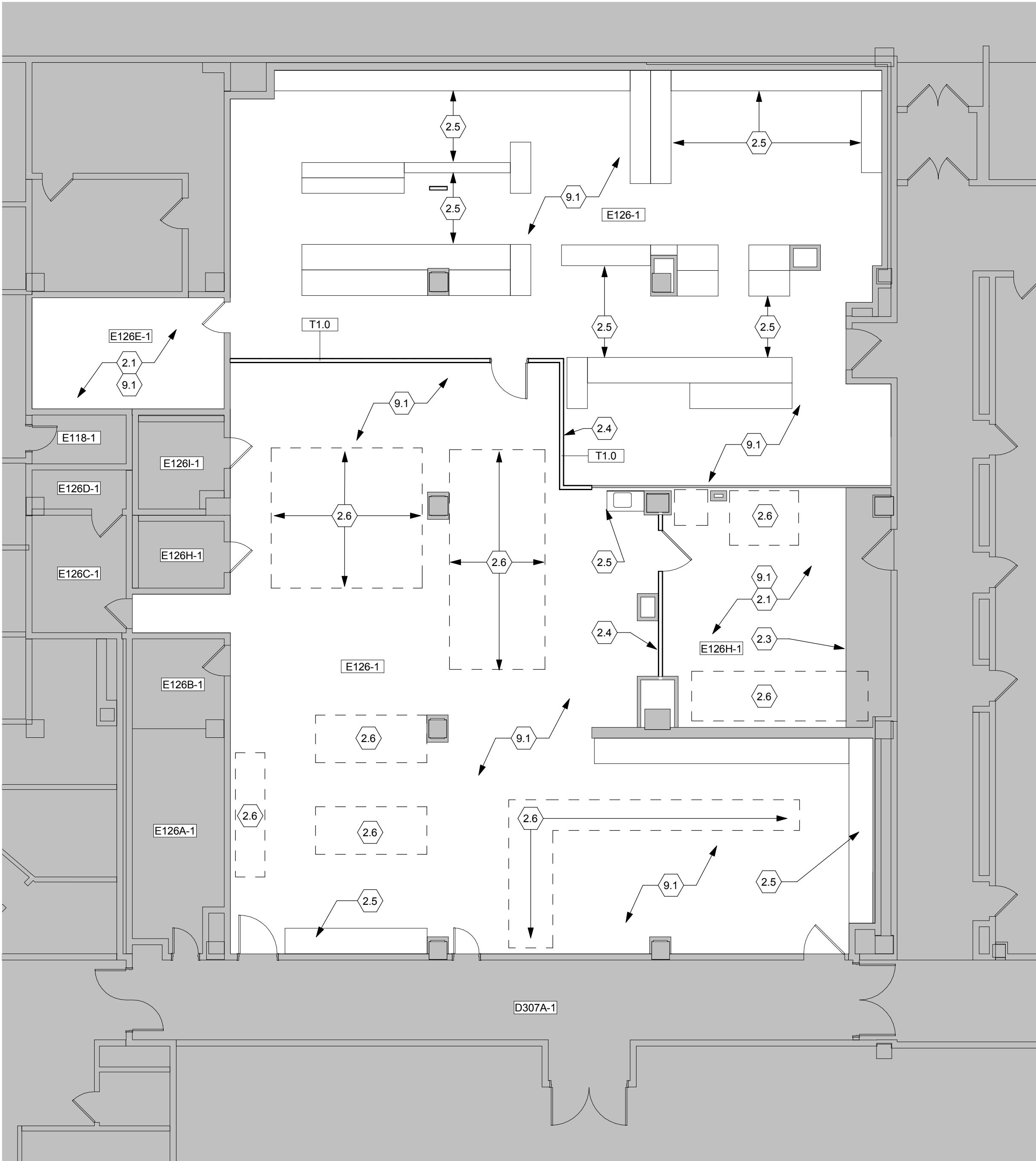
three inches = one foot
one and one-half inches = one foot
one inch = one foot
three-quarters inch = one foot
three-quarters inch = one foot
one-half inch = one foot
three-eighths inch = one foot
one-quarter inch = one foot
one-eighth inch = one foot

GENERAL NOTES

- A. All dimensions are taken to face of gypsum wallboard or unit masonry.
- B. Edge of all door jambs at hinge side not otherwise indicated are to be 6" from the face of intersecting walls. Edge of all door jambs at strike side not otherwise located are to be 18" minimum from the face of intersecting walls.
- C. All wood blocking to be fire retardant treated, unless noted otherwise.
- D. Contractor shall verify all conditions, dimensions, equipment locations and owner requirements in the field before fabricating any materials or beginning any work.
- E. All partitions shall be type 'S1.0-S' unless noted otherwise.
- F. It is intended that the documents indicate a new finish (i.e. paint, acoustic ceiling, floor tile, etc.) on all exposed surfaces of the building. Where a specific finish is not indicated at any location the Contractor shall provide the finish indicated for other similar surfaces.
- G. It is the responsibility of the Contractor to notify the C.O.R. of any work which might require interruption of utility services, cause noise, or create vibration. Prior to the commencement of this work, the Contractor work and schedule shall be approved and coordinated before hand with the C.O.R. See General Conditions for further details.
- H. All Contractors shall be responsible to patch and repair surfaces where existing construction is removed or disturbed by work under their contract. Work that shall be repaired to a like new condition shall include, but not be limited to gypsum board walls, plaster walls, ACT ceiling and grid, hard ceilings, floor base, flooring surfaces, conduit, interior trim, painting, wall covering, etc. Confirm finishes with the Resident Interior Designer prior to beginning construction.
- I. The Contractor in conjunction with his work shall be responsible to patch and repair all existing substrates and finishes including but not limited to existing walls, floors, bases, ceilings, window, trim, doors, frames, etc. and prepare areas as required for new construction finishes.
- J. All penetrations such as new or existing ducts, conduits, piping, electrical outlets, penetrations, created voids, etc. in all existing, modified and new walls, smoke partitions, fire barriers, floor slabs shall be sealed to prevent passage of any smoke, flame, gases, etc. See Plumbing, HVAC, Electrical, Fire Protection Drawings and Specifications.
- K. The Contractor shall be responsible for creating a work area that is under negative pressure during all phases of construction. The Contractor shall provide temporary air moving units or units as mandated by code. The air changes will be as mandated by his/her ASHRAE calculations and a copy of the calculations shall be provided to the C.O.R. prior to beginning work. The AHU shall be the type that exhausts air to the outside via temporary duct system after passing through a HEPA filtering system.
- L. Paint P-1 is to match all existing conditions unless noted otherwise. Confirm color selections with Resident Interior Designer prior to beginning work. Paint P-2 to be Resinous Coating System for Walls and Ceilings. See specifications. Confirm specific type of system in use at Gainesville VA prior to beginning work. Match all existing conditions.
- M. Contractor is to patch and repair all floor finishes disturbed by work in this project. Match all existing conditions. Confirm finishes with Resident Interior Designer prior to beginning work.
- N. Unless otherwise directed the Contractor is to schedule work in public spaces to occur during "off hours" to be confirmed with the C.O.R. prior to beginning work. All areas where such work is to occur will be returned to a clean and safe condition at the start of the next day's regular work times as designated by the C.O.R.
- O. Upon removal of Partition Type T-1 patch and repair all walls, base, and floor finishes adjacent to those areas where this partition type was erected. Match all existing conditions.
- P. At all new louver/wall penetrations provide a continuous reglet 4 inches min. above the top surface of the new temporary ductwork. Install flashing, counter flashing and continuous termination bar meeting all SMACNA requirements for the full width of the new opening and extending 8 inches either side of the opening. Provide all-around weather tight closure collar by duct manufacturer. Extend collar under wall flashing and counter flashing. Patch and repair all work at new opening to match all existing conditions. Paint to finish all areas and match existing conditions. Provide continuous water-proof sealant at all perimeter joints and review any color selection with CO prior to commencing work. Prior to conducting any penetrations through wall and/or slab, the area must first be x-rayed(or equivalently examined) to ensure that there are no utilities or structural members located within the penetration site. Coordinate with the Project Engineer. See Mechanical Drawings MH001 and M121 for scope of work related to AHU-Lab replacement.

PLAN NOTES

- 2.1 For work this area see MEP Drawings.
- 2.2 Protect existing washer /sterilization equipment in place. Confirm any specific requirements/preparations for down time with C.O.R. prior to beginning work. For electrical and plumbing requirement see MEP Drawings.
- 2.3 Confirm limits of construction in the field with the C.O.R. See MEP Drawings.
- 2.4 Temporary wall partition. Coordinate location in the field with the C.O.R. See Phasing Plans.
- 2.5 Existing laboratory equipment and casework including but not limited to, refrigerators, blood chemistry analysis, sinks,centrifuges, etc. not to be relocated, protect in place. See MEP Drawings for any specific shut-down or storage work related to those trades.
- 2.6 Existing portable lab equipment and casework including but not limited to, refrigerators, blood chemistry analysis, sinks,centrifuges, etc.. Protect in place and coordinate all requirements with the C.O.R. Any equipment or casework requiring relocation will be moved by the owner prior to beginning work. See MEP Drawings for any specific shut-down or storage work related to these trades.
- 2.7 Remove portion of existing concrete floor slab and carpet to provide opening for new HVAC ducts. See Structural Drawings for slab removal. See Mechanical Drawings for opening requirements.
- 2.8 Remove existing steel framing above ceiling. See Structural Drawings.
- 5.1 Remove portion of wall as required to install new structural steel for roof mechanical platform. Repair wall to match all existing conditions. See HVAC and Structural Drawings. Typical all columns to receive new work.
- 6.1 New shaftwall extending from underside of roof deck to top of first floor slab. See wall types.
- 6.2 Patch and repair wall to match existing at relocated electrical switch.
- 6.3 Patch and repair wall at existing light switch prior to constructing new shaft. Match all existing conditions.
- 9.1 For extent of ceiling work see Sheet A120 and A121.
- 9.2 Remove existing ceiling throughout to provide access to above ceiling and roof demolition, and addition of new structural steel. Save back existing light fixtures and air devices for reinstallation. See HVAC and Structural Drawings
- 9.3 Protect existing ceiling bulkhead in place. Bulkhead, column and wall finishes to remain in place during all work.
- 9.4 Remove wall to provide new switch location for room lighting. Patch and repair previous location and new work to match all existing conditions. See Electrical Drawings.
- 9.5 Remove two full ceiling tiles and grid minimum at corridor columns to facilitate structural work above ceiling. Save back all tiles, grid runners and tees, lighting and air devices for reinstallation to match all existing conditions. Contractor is responsible to determine exact amount of ceiling removal required to provide adequate work space for steel installation. See Structural Drawings.
- 9.6 Patch and repair carpet and wall base adjacent to shaftwall. Provide new wall base at shaft wall. Match all existing conditions. Confirm color selections with Resident Interior Designer prior to beginning work.
- 9.7 Re-install ceiling tiles, grid, lights and air devices that were saved back at the beginning of work. Match all existing conditions.
- 9.8 Reinstall lights and air devices saved back at the beginning of work in new ACT ceiling and grid.
- 9.9 For work this area see Sheet A100.
- 9.10 For work this area see Sheet A101.



NEW WORK PLAN - FIRST FLOOR

Scale: 1/8" = 1'-0"

Work on this drawing is deduct if Deduct Alternate #3 is accepted.

LEGEND

- NOT IN CONTRACT
- NEW WALLS / MATERIALS / EQUIPMENT
- EXISTING WALLS / MATERIALS / EQUIPMENT TO REMAIN

FINAL BID SUBMITTAL

			<div>CONSULTANTS:</div> <div><div>RDC / JOHN POE ARCHITECTS</div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div>524 FERNWOOD DRIVE ALTAMONTE SPRINGS, FLORIDA 32701</div><div>800 362 1523 PHONE repsten@rdjohnpoe.com</div></div></div></div> <div><div><div>STATE OF FLORIDA</div><div>REGISTERED ARCHITECT</div><div>AR0012469</div></div></div> <div><div>ARCHITECT/ENGINEERS:</div><div><div>MES GROUP</div><div><div>550 N. Reo Street Suite 203, Tampa, FL 33609 813.289.4700</div><div>COA # 8304</div><div>Project # 2012 578</div></div></div></div> <div><div><div>Drawing Title</div><div>FIRST FLOOR LAB PLAN</div><div>Approved: Project Director</div></div><div><div><div>Project Title</div><div>REPLACE AIR CONDITIONING AND ENVIRONMENTAL CONTROLS (FCA D) MECH IMPROVEMENTS PHASE 3</div><div><div>Location</div><div>GAINESVILLE, FLORIDA</div></div><div><div>Date</div><div>07/02/2014</div><div>Checked</div><div>WS</div><div>Drawn</div><div>NS</div></div></div><div><div><div>Project No.</div><div>VA Project No. 573-10-600 RDC/JPA Project No. 12032.00</div><div><div>Building Number</div><div>1</div></div><div><div>Drawing Number</div><div>A102</div><div>Dwg. of</div></div></div><div><div>Office of Construction and Facilities Management</div><div><div>Department of Veterans Affairs</div></div></div></div></div></div>		
1	Addendum 1	3/11/2015			
Revisions		Date			

three inches = one foot
one and one-half inches = one foot
one inch = one foot
three-quarters inch = one foot
one-half inch = one foot
three-eighths inch = one foot
one-quarter inch = one foot
one-eighth inch = one foot

GENERAL NOTES

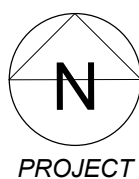
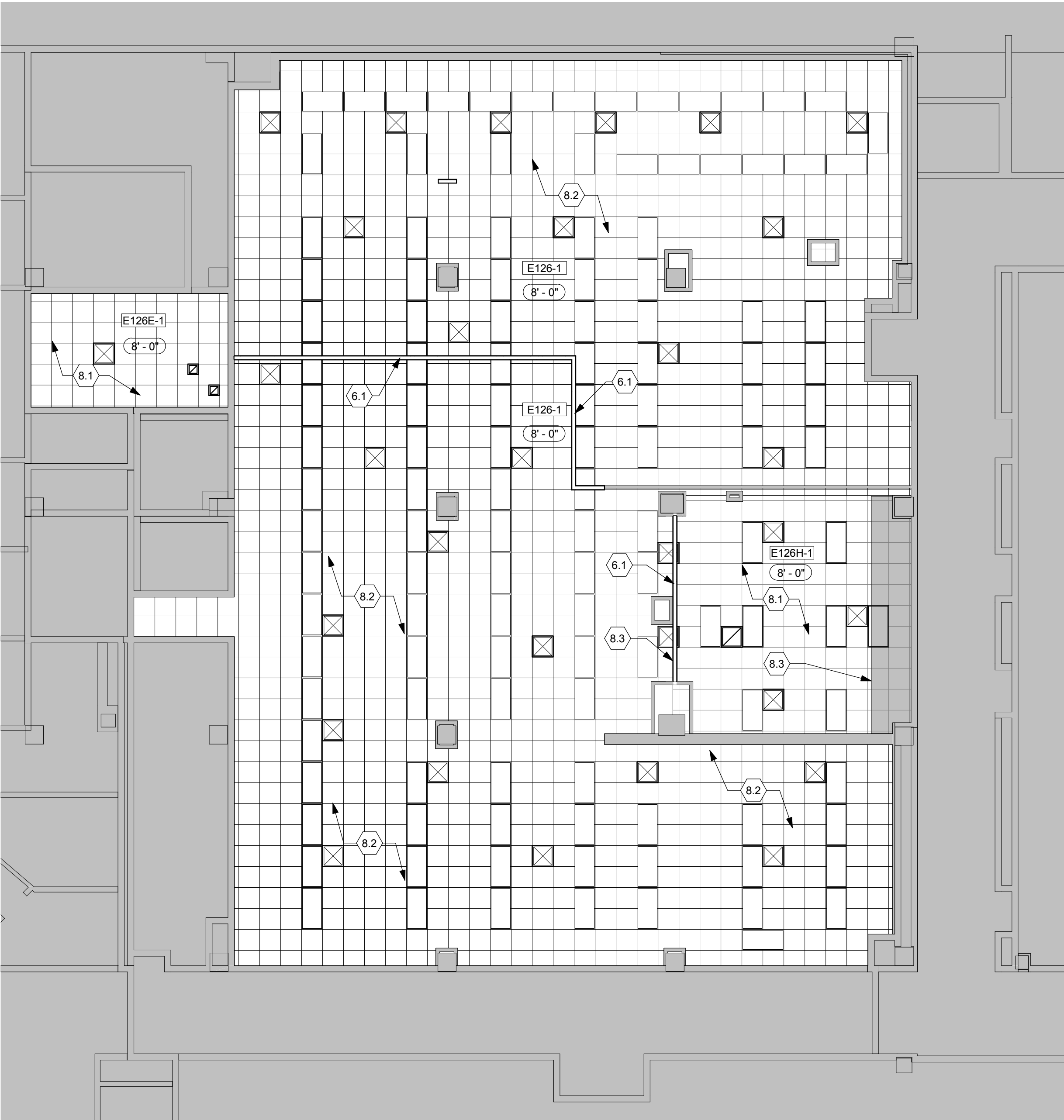
- A. All wood blocking shall be fire retardant.
B. Light fixtures, sprinkler heads, speakers, and HVAC devices shall be located as close as possible to the center of acoustical ceiling panels. Confirm any deviation from this with the Project Engineer.
C. See P, M, E and FP drawings for additional information regarding final information and quantities of fixtures/devices to be installed in ceiling.
D. See Electrical Drawings for lighting specifications.
E. If ceiling information is not provided, intent is to match existing type and height. Confirm conditions w/it C.O.R. prior to beginning work.
F. Ceiling height to be 8'-6" AFF, unless noted otherwise.
G. All suspended items such as ceilings, ducts, pipes, conduits, etc., shall be suspended(attached) directly to structure and shall not be attached or anchored to existing plaster, acoustic tile, etc.
H. All hard ceilings to be painted P-2 unless noted otherwise. Confirm color selection with the resident Interior Designer prior to beginning construction. See General Plan Note M.
I. All ACT ceiling tiles installed are to be ACT-2 unless noted otherwise.

CEILING NOTES

- 2.1 Existing wall structure, protect in place.
6.1 Temporary wall partition, coordinate location in the field with the C.O.R. See Phasing Plans
7.1 Sealant
8.1 Existing ceiling to remain, remove and replace ceiling tile/ceiling surfaces as required to complete new Mechanical and Electrical installation. Re-install ceiling tiles, grid, lights, air devices removed during partial demolition.
8.2 Install new ceiling throughout. Coordinate exact boundaries in the field with C.O.R. See MEP Drawings.
8.3 Coordinate boundary of work in field with the C.O.R.
8.4 See MEP Drawings for work this area.
8.6 Open to above. Re-install lights, air devices removed during partial demolition.
9.1 New 5/8" type "X" gypsum board suspended ceiling, Level 5 finish to match existing.
9.2 Drywall joint reinforcement

REFLECTED CEILING PLAN LEGEND

- 2' x 4' fluorescent fixture
2' x 2' acoustical tile ceiling
Gypsum board / portland cement plaster ceiling / soffit - painted
Supply Air Diffuser
Return Air Grille
Not in Contract Area



REFLECTED CEILING PLAN - FIRST FLOOR

Scale: 1/8" = 1'-0"

Work on this drawing is deduct if Deduct Alternate #3 is accepted.

FINAL BID SUBMITTAL

1	Addendum 1	3/11/2015	Revisions	Date
CONSULTANTS:				
RDC / JOHN POE ARCHITECTS				
524 FERNWOOD DRIVE ALTA MONTA SPRINGS, FLORIDA 32701 800 362 1523 PHONE repsten@rdjohnpoe.com				
ARCHITECT/ENGINEERS:				
MES GROUP				
550 N. Reo Street Suite 203, Tampa, FL 33609 813.289.4700 COA # 8304 Project # 2012 578				
Drawing Title				
REFLECTED CEILING LAB PLAN - FIRST FLOOR				
Approved: Project Director				
Project Title				
REPLACE AIR CONDITIONING AND ENVIRONMENTAL CONTROLS (FCA D) MECH IMPROVEMENTS PHASE 3				
Location				
GAINESVILLE, FLORIDA				
Project No.				
VA Project No. 573-10-600 RDC/JPA Project No. 12032.00				
Building Number				
1				
Drawing Number				
A122				
Date				
07/02/2014				
Checked				
WS				
Drawn				
NS				
Dwg. of				
Office of Construction and Facilities Management				
Department of Veterans Affairs				

- A. On page 509 & 510 of 982 it mentions insertion vortex and insertion turbine meters for water flows... are these existing flow meters or will new meters be required?

A) spec section 230923.

According to control diagram on drawing MH-702, new water flow sensor is required.

- B. One pate 588 of 982 it mentions airflow control devices that are not venture valve (e.G. ...vortex shedder, etc.) are acceptable providing that the flowing conditions are met...and it references performance characteristics. What are those?

A) spec section 233600

Performance and construction characteristics stated throughout section **2.3** of this specification 233600. (ie B. Pressure independent over a 150 Pa-750 Pa (0.6 inch WG – 3.0 inch WG) drop across valve.

- C. C. Volume control accurate to plus or minus 5% of airflow over an airflow turndown range of 16 to 1. No minimum entrance or exit duct diameters shall be required to ensure accuracy or pressure independence.

Response time to change in command signal and duct static pressure within three seconds.etc)

- D. In the Specifications on Page 483, Section 23 09 23, Item 1 on that page, it states “The General Contractor of this project shall directly hire the Control System Integrator in a contract separate from the contract procuring the controls contractor administered by this Section of the technical specifications.” **What is the name of the Control System Integrator for the Hospital that must be used for this project?**

A) There are two Environmental Controls used on this campus. If it is Siemens BAS, it's Siemens. If it is Niagara BAS, it's TL Services.