

- 1 ADDENDUM #2 5-02-14
- 2 ADDENDUM #3 7-29-14
- 3 ADDENDUM #3 10-27-14
- 4 ADDENDUM #4 03-03-15

ISSUED FOR CONSTRUCTION  
MARCH 3, 2015

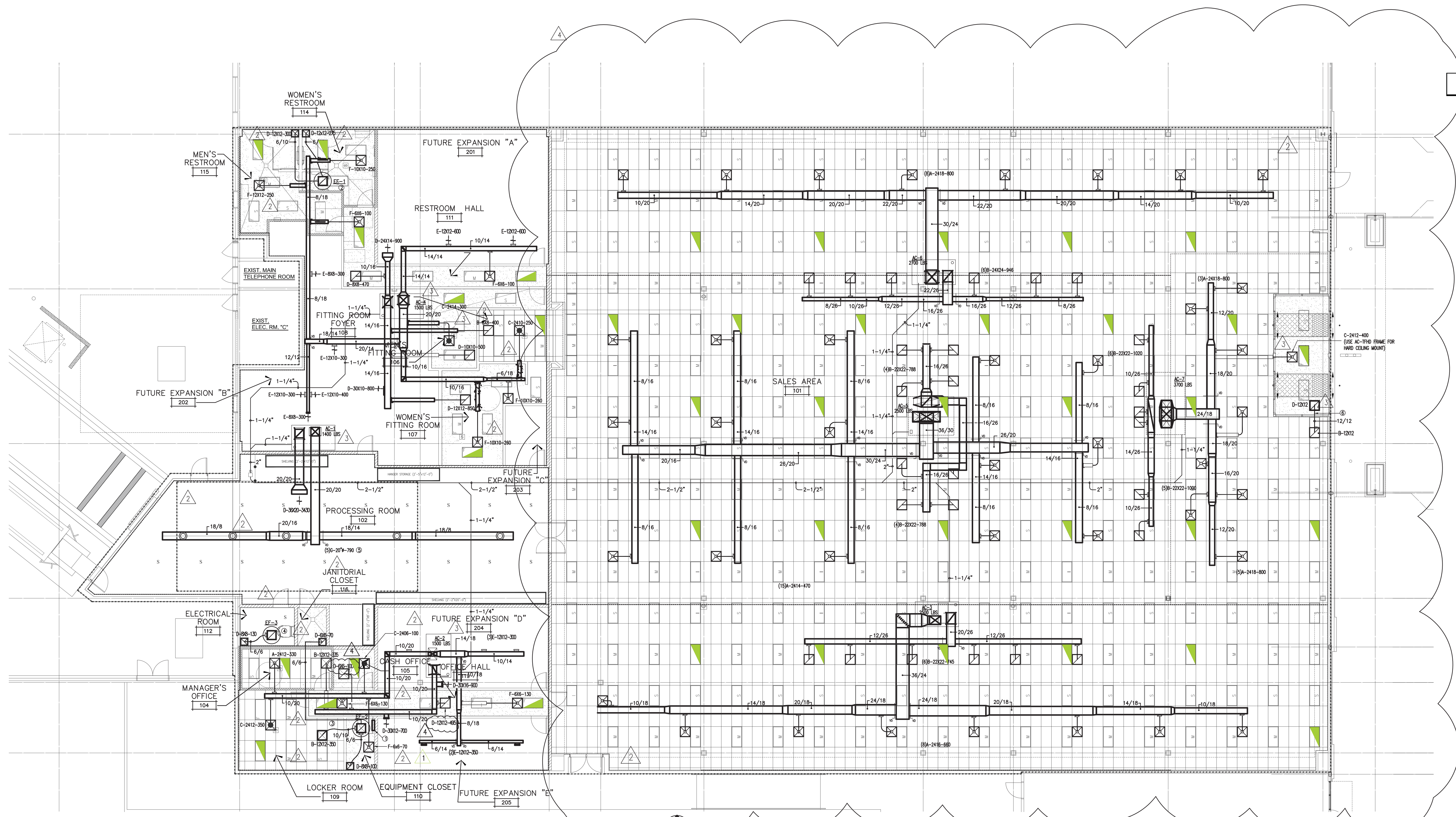
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**ROSS BUILD-OUT #1663**  
CROSSROADS MALL  
GREENVILLE, TEXAS  
**GREENVILLE PROPERTIES LTD.**  
GREENVILLE, TEXAS

DATE: 05/02/2014  
PROJECT NO.: 08-12-02  
DRAWN BY: LLL

FLOOR PLAN  
HVAC  
**M1.0**



- GENERAL NOTE:**
- A. LINE VOLTAGE TSTAT SHALL BE PROVIDED AND INSTALLED BY THE M.C., WIRING IS BY THE E.C.
  - B. DUCT WORK IN THE STOCKROOM SHALL NOT BE LOWER THAN 14 FEET ABOVE FINISH FLOOR.
  - C. MECHANICAL CONTRACTOR TO COORDINATE WITH ELECTRICAL CONTRACTOR FOR STOCKROOM LIGHTING TO ENSURE REQUIRED CLEAR HEIGHTS ARE PROVIDED.

**1 FLOOR PLAN - HVAC**  
1/8"=1'-0"

- KEYED NOTES:**
1. PROVIDE TITUS OR EQUAL DOOR MOUNTED LOUVER THAT HAS A MINIMUM FREE AREA OF 200 SQ INCHES.
  2. CONTROL EF-1 VIA EMS SYSTEM.
  3. CONTROL EF-2 VIA EMS AND LINE VOLTAGE TSTAT IN PARALLEL, MOUNT 48" AFF.
  4. CONTROL EF-3 VIA LINE VOLTAGE TSTAT IN ELECTRIC ROOM, 48" AFF.
  5. DIFFUSERS SHALL BE 3" BELOW LIGHT FIXTURES LEVEL.
  6. TRANSFER DUCT AND GRILLE FOR VESTIBULE AREA.

**NOTE:**  
M.C. SHALL REFER TO SHEET M-3 AND PROVIDE HVAC ACCORDING TO ROSS REQUIREMENTS NOTED ON THAT SHEET.

**TABLE 2: EXAMPLE M.E.P. CALCULATIONS VS. ROSS REQUIREMENTS**

MECH AC UNIT	Zone Description	Zone Total Area	Unit Spec		Mech Design SQ.Ft./Ton	Chart	Column	Table 1 Design SQ.Ft./Ton		Difference Tons	Summary
			MBH	Tons				SQ.Ft./Ton	Tons		
1	Processing Room	2196	102	8.5	258	1	G + 40%	309	7.2	1.3 HIGH	OK - LGH102H4B
2	Offices/Rear Sales	1879	90	7.5	251	2	G + 30%	381	4.9	2.4 HIGH	OK - LGH092H4B
3	Sales Ext. Wall LHS	4813	180	15.0	321	2	G + 30%	381	12.7	2.3 HIGH	OK - LGH180H4B
4	Fitting/RR's	3595	180	15	239	2	G + 30%	381	9.4	3.1 HIGH	OK - LGH150H4B
5	Interior Sales	7483	240	20.0	374	2	G + 30%	450	16.6	3.4 HIGH	OK - LGH240H4B
6	Sales Ext. Wall RHS	5514	240	20.0	276	2	G + 30%	381	14.5	5.5 HIGH	OK - LGH240H4B
7	Sales Entry	2378	240	20.0	119	3	G + 30%	157	15.2	4.8 HIGH	OK - LGH240H4B

M.E.P. CALCULATIONS      ROSS REQUIREMENTS

