



**LIGHTING PLAN**  
SCALE: 1/4"=1'-0"

LUMINAIRE SCHEDULE					
TYPE	MANUFACTURER CATALOG NO.	MANUFACTURER CATALOG NO.	VOLTAGE MOUNTING # OF LAMPS	BALLAST LAMP TYPE LAMP CAT. #	DESCRIPTION
A	LITHONIA LIGHTING FGB24-6/32-B1X20U-ACL- MVOLT-2/3-GE10IS-LP835 +EL14	APPROVED EQUIVALENT	MVOLT AT 277 CHAIN HUNG 6	ELECTRONIC +EL14 FLUORESCENT F32T8/LP835	2'x4' FLUORESCENT HIGH BAY FIXTURE, SPECULAR ALUMINUM REFLECTOR, CLEAR ACRYLIC LENS, (2) BALLAST DUAL LEVEL SWITCHING, EM BALLAST IN FIXTURES SHOWN ON PLANS
B	LITHONIA LIGHTING SP8F-2/32-A12-MVOLT- GE10IS+EL-LP835	APPROVED EQUIVALENT	MVOLT AT 277 RECESS GYP CLG 2	ELECTRONIC +EL FLUORESCENT F32T8/LP835	12"Wx4'L SPECIFICATION PREMIUM STATIC TROFFER RECESSED IN GYP-BOARD CEILING, STEEL HOUSING, ACRYLIC LENS
C	LITHONIA LIGHTING GB-2/32-MVOLT-GE10IS +EL	APPROVED EQUIVALENT	MVOLT AT 277 SURFACE CLG 2	ELECTRONIC +EL FLUORESCENT F32T8/LP835	7"Wx48"L SURFACE MOUNTED CORRIDOR WRAP AROUND FIXTURE, STEEL HOUSING, WHITE ENAMEL FINISH, ACRYLIC WRAPAROUND LENS
SA	LITHONIA LIGHTING WSR-100MHC-FT-TB-PE- LPI	APPROVED EQUIVALENT	MULTI TAP (277) EXTERIOR WALL 1	ELECTRONIC METAL HALIDE 100MHC	18"Lx7.25"Hx9"D DECORATIVE HALF ROUND WALL MOUNTED FIXTURE, FORWARD THROW, DARK BRONZE FINISH, PHOTO CELL, EMERGENCY LIGHT
SB	LITHONIA LIGHTING WSR-70MHC-FT-TB-PE- LPI-EC	APPROVED EQUIVALENT	MULTI TAP (277) EXTERIOR WALL 1	ELECTRONIC METAL HALIDE 70MHC	18"Lx7.25"Hx9"D DECORATIVE HALF ROUND WALL MOUNTED FIXTURE, FORWARD THROW, DARK BRONZE FINISH, PHOTO CELL, EMERGENCY LIGHT
HP	LITHONIA LHOMSW1G120/277 RO/ELN, *	APPROVED EQUIVALENT	120/277 WALL/CEILING N/A	NONE REQUIRED LED WITH UNIT	12-1/4"Wx7-1/2"Hx2"D, WHITE POLYCARBONATE, HOUSING WITH GREEN LETTERING, NICAD BATTERY WITH IND REMOTE HEAD.

- NOTES:**
- THE ELECTRONIC FLUORESCENT BALLAST SHALL HAVE A TOTAL HARMONIC DISTORTION OF PLUS/MINUS 20% AND A BALLAST FACTOR EQUAL TO OR GREATER THAN 80%
  - ALL LIGHTING FIXTURES DENOTED WITH "EM" OR HALF SHADED SHALL BE PROVIDED WITH AN ENGINEER APPROVED EMERGENCY BALLAST FOR OPERATION OF TWO LAMPS IN A 4 LAMP FIXTURE AND 1 LAMP IN A 2 OR 3 LAMP FIXTURE. BALLAST SHALL BE CONNECT TO THE UNSWITCHED SIDE OF THE LIGHTING CIRCUIT.
  - GRID TROFFER TYPE LIGHTING FIXTURES SHALL NOT BE SUPPORTED FROM THE T-BAR CEILING GRID.
  - THE SYMBOL USED IN THIS SCHEDULE IS A GENERIC SYMBOL TO INDICATE AN EXIT LIGHT FIXTURE. REFER TO THE PLANS FOR THE NUMBER OF FACES REQUIRED AT EACH EXIT. INSTALL THE NUMBER OF FACES REQUIRED AT EACH EXIT. FIELD ADJUST THE LOCATION OF THE EXIT SIGNS FOR THE BEST VISIBILITY POSSIBLE.
  - THIS EXIT SIGN REQUIRES THE EXTRA BATTERY CAPACITY TO OPERATE THE REMOTELY LOCATED EMERGENCY HEAD FOR EGRESS AWAY FROM THE BUILDING.
  - FLUORESCENT LUMINAIRE DISCONNECTING MEANS; INDOOR LOCATIONS, OTHER THAN DWELLINGS AND ASSOCIATED ACCESSORY STRUCTURES, FLUORESCENT LUMINAIRE(S) THAT UTILIZE DOUBLE-ENDED LAMPS AND CONTAIN BALLAST(S) THAT CAN BE SERVICED IN PLACE OR BALLASTED LUMINAIRE(S) THAT ARE SUPPLIED FROM MULTI-WIRE BRANCH CIRCUITS AND CONTAIN BALLAST(S) THAT CAN BE SERVICED IN PLACE SHALL HAVE A DISCONNECTING MEANS EITHER INTERNAL OR EXTERNAL TO EACH LUMINAIRE (FIXTURE), TO DISCONNECT SIMULTANEOUSLY FROM THE SOURCE OF SUPPLY ALL CONDUCTORS OF THE BALLAST, INCLUDING THE GROUNDED CONDUCTOR IF ANY. THE LINE SIDE TERMINALS OF THE DISCONNECTING MEANS SHALL BE GUARDED. THE DISCONNECTING MEANS SHALL BE LOCATED SO AS TO BE ACCESSIBLE TO QUALIFIED PERSONS BEFORE SERVICING OR MAINTAINING THE BALLAST. THIS REQUIREMENT SHALL BECOME EFFECTIVE JANUARY 1, 2008.

**GENERAL DRAWING FLAG NOTES:**

- MOUNT FIXTURE TYPE SA AT 16'-0" A.F.F. TO BOTTOM OF FIXTURE, CENTERED OVER OVER OPENING. TYPICAL OF ALL TYPE SA FIXTURES. SET THE PHOTOCELL TO TURN THE LIGHTS ON AT DARK AND OFF AT DAWN. SLIGHT ADJUSTMENTS CAN BE MADE TO THE MOUNTING HEIGHT AS NECESSARY TO WORK WITH THE BUILDING STRUCTURE.
- MOUNT FIXTURE SB AT 8'-4" A.F.F. TO BOTTOM OF FIXTURE CENTERED OVER MAN DOOR. PROVIDE AN EMERGENCY FUNCTION IN THIS FIXTURE FOR EGRESS AWAY FROM THE BUILDING. SLIGHT ADJUSTMENTS CAN BE MADE TO THE MOUNTING HEIGHT AS NECESSARY TO WORK WITH THE BUILDING STRUCTURE.



Request for information 001

Detailed, RFIs Grouped by RFI Number with Cost

CNG Maintenance Building 333 West Avenue, Grand Junction, CO Project # 10-12-016 FCI Constructors, Inc. - GJ  
Tel: lbd Fax: lbd

RFI #: 001 Date Created: 7/24/2012

Answer Company	Answered By	Author Company	Authorized By
FCI Constructors, Inc. - GJ	Justin Menderhall	FCI Constructors, Inc. - GJ	Justin Menderhall
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Co-Respondent Author RFI Number

Subject	Discipline	Category
EM Light Fixture Location	Architectural/Electrical	Clarification

Company Name	Contact Name	Telephone Number	Fax Number
Magnum Electric Co, Inc.	Jeff Anderson	970-243-8655	970-243-1458
Blythe Group Co	Greg Doucette	970-242-2288	970-242-2288
FCI Constructors, Inc. - GJ	Craig Reid	970-434-9093	970-434-7583

Cost Impact	Drawing Impact	Schedule Impact
No	Yes	No

Question Reference Drawing(s): E1.1 Date Required: 7/31/2012

Suggestion All (3) EM Lights will be placed along grid line B.

Answer This is for documentation only, no response is required. Date Answered: 7/24/2012

**FLEET SERVICES**  
MAINTENANCE BUILDING & RETRO-FIT  
RFP-3410-12-DH

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Phase Date  
CONST DOCS 7/10/12

Project No. 12-063 Drawn by: BCE