



PARIC CORPORATION
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REQUEST FOR INFORMATION DATE: April 27, 2016 NO.: RFI-048

To: Cannon Design

Attn: Kelvin Patel

From: Paric Corporation

Requested By: Devin Gates

Project Name: Webster University Interdisciplinary Science Building Project No.: 15051

Subject: Additional BP 3 clarifications - 5

Response Required By: May 04, 2016

Drawing / Spec Reference:

Information Requested:

1. Please provide specification for Trash/Recycle Receptacle. **This should match EAB standard trash receptable - photograph attached.**
2. Please confirm that the stainless steel panel above the Elevator can end below the drywall ceiling instead of ending above the drywall ceiling. See detail 20/A0551.
3. Please confirm that Hollow Metal frames are not to be grouted. Specification Sections 081113 does not call for frames to be grouted, however, no 3.3.A.1.d indicates to install door silencers before grouting frames.
4. Please confirm that Class 'B' plastic toilet compartments are acceptable in lieu of Class 'A'. Class 'A' is not available from manufacturers as specified.
5. We have included a sprayed level 5 finish per the specifications at AWC-1 wall finish. Will this be required at these locations? Are there any additional locations that would require a spray applied level 5 finish?
6. At the continuous cove lighting at acoustic ceilings will any stud framing support be required for the light fixture?
7. Detail 3/A0842 calls for 16 gauge angle hanger braces for window roller shades. Is this intended to be supplied by the drywall contractor?
8. Keyed plan note A.1 states GRG columns are to be 20" in diameter. On sheet A0102.B there are seven columns labeled as 22" diameter. Are we to assume these columns as 22" and the remainder of the columns are per note A.1 at 20"?
9. The GRG columns on column line 1 on sheet A0103.B and the columns on line 1.7 and A.2 line appear to be a smaller diameter than the typical columns but are not labeled. What is the intended diameter of these columns?
10. The edge of roof deck shown in detail 4/A0451 does not match the structural detail on 4/S0303. We have included

Answered By: _____

Date: _____



framing of parapets at the back side of the spandrel glass from the top of the roof deck similar to the structural detail with an angled support stud on 16" centers to the roof moving the plywood sheathing on top of the angled support stud in lieu of framing shown on 4/A0451. Will this be acceptable?

11. Roof cricket framing details 2/A0453 & 6/A0456 are shown to be framed with Cold Formed Metal Framing. Would it be acceptable to change these framing members to fire retardant wood framing to allow for cutting the angles?

12. Drawing C-300 calls for the existing brick retaining wall along the East property line to be removed. Drawing C-400, Note 31 states – 'Remove & replace existing brick screen wall. See Architectural & Structural.' We cannot find this wall on the structural drawings. Drawing A0101.A has the following note: 'Brick faced retaining wall to b match height, width & detailing of existing removed wall.' Please provide: length of wall to be removed and replaced; height of wall; thickness of wall; brick type; type of backup; wall cap; section cut of the wall showing footing (if required), foundation (if required), wall construction along with specifications for all materials.

13. Looking for clarification of the extent of wall tile coverage and bullnose base within the restrooms that receive the pattern shown on ID0202. The elevations provided do not provide a clear indication of the full extent of wall tile coverage and base required in those restrooms. Walls not receiving the pattern are shown as CT-1 and PT-1 on the finish legend, but there isn't any visual showing the extent of CT-1 on those walls in conjunction with the paint being called out to know the required height of the tile. Not clear if we are to be cutting CT-1 to be used as a base, if it should be full height CT-1, or if the CT-1 listed on the finish schedule should actually be CT-3, which is the schedule bullnose base on the material legend.

Response:

ARCHITECT'S RESPONSE:

This information is provided as an interpretation of the Contract Documents for implementation. It is not an authorization for change to the Contract Sum or Contract Time. If this information results in a claim for a change to the Contract, the Contractor shall notify the [Construction Manager][Architect] of a change through the change process.

1. Trash receptacle spec: This should match EAB standard trash receptacle - photograph attached. Attachment #1
2. Stainless panel above elevator: OK to stop panel at ceiling. Panel should butt to bottom of ceiling,
3. Grout frames at CMU and concrete walls as indicated on details sheet A1004.
4. Class B toilet partitions are acceptable.
5. Per specification section 092900 level 5 coating is required at AWC-1. Webster University has verbally indicated acceptance of level 4 finish at AWC locations. Our recommendation is to provide a mock-up of the level 4 finish and AWC-1 at a location where continuous cove lighting occurs for review before proceeding with the level 4 finish and coating in other locations. (We would recommend corridor 183A for this mock-up). The type of level 5 finish used shall meet reference standards.
6. Refer to attached cutsheet for installation instructions. Where the fixtures are located in a grid ceiling, they are specified with the GFW option. In this configuration, the fixture attaches to the wall and is suspended via wire suspension. There is no indication that the light fixture requires stud framing support. (Attachment #2) (WTA response)
7. GC to address means and methods issues.
8. Diagram is attached with column cover sizes other than 20" highlighted. We have also noted covers that need coordination between fireproofing contractor and column cover contractor where conditions appear to fit but tightly. (Attachment #3)
9. See above response (Attachment #3)
10. Please provide additional information / sketch for review of proposed detail (DMA and KWA response)
11. Please provide additional information / sketch for review of proposed detail and fastening (DMA and KWA response)
12. Additional information to be provided by addendum; structural information is provided: see retaining wall schedule 4/S0003 and detail 4/S0004; additional architectural information is needed.
13. Requested information is attached. (Attachment #4). (Spellman Brady response.)

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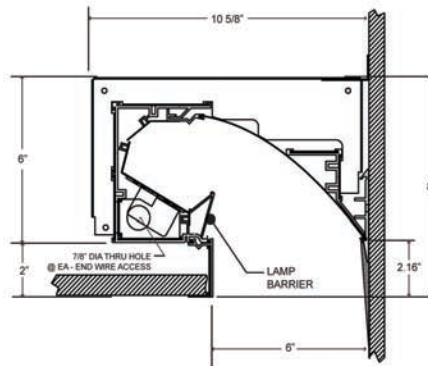
Date: _____





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LED Lamping



Click photo to view product page

Page 1: Overview & Nomenclature
 Page 2: Specifications
 Pages 3-4: Photometric Info / Downloads
 Page 5: Illumination Options / Lamp Barrier
 Page 6: Run Length
 Pages 7-10: Mounting Styles
 Pages 11-13: Wall Interface
 Page 14: Standard Colors / Finishes

Product Overview (for complete specifications, see page 2)

Upgrade Capability: LED components may be easily upgraded in the field to increase energy efficiency. Simple retrofit can be done while fixtures are still installed on site.

Construction: Extruded aluminum housing is available in one piece up to 24' and can be mounted in nearly any ceiling condition. Runs of fixtures can be built to match field conditions, including patterns.

Continuous Illumination: LED arrays can be oriented to provide consistent illumination in custom-length runs.

Electrical: LED components by major manufacturers. Fixtures can be fitted with integral sensors, control interface devices and specialty LED components (consult factory).

Optical: Reflectors are formed to provide asymmetric distribution. Optional dust cover available.

Finish: High quality paint finish in high gloss or semi-gloss. Custom colors available.

Packing and Shipping: Our packing, labeling and shipping systems ensure products arrive safely, ready to install.

Standard Nomenclature

Manufacturer	Driver Options	Mounting Method	Shielding	Paint Colors	Paint Finish
Gammalux	DVR Static Driver ZTV 0-10v Dimming HLAE Lutron Hi-Lume A Series Dimming, Ecosystem control	REC Recessed Intra-Wall (pg. 8 & 9) RECW Recessed Wall to Wall* (pg. 6 & 7)	OP Open DC Dust Cover, Clear	W White (Consult Color Chart on pg. 13 for other standard colors) CCM Custom Color Match	H High Gloss SG Semi-Gloss
Optic Location	Color Temp (nom)	Length Option (pg. 2)			
Regressed	27 2700 K 30 3000 K 35 3500 K 40 4000 K 50 5000 K	N Nominal length S Specific length			
Aperture	Voltage				
6"	120, 277, UNIV				
Lamp Barrier					
Barrier					
GPRG6B	- ISOLED35T - 120V - DVR	- 8'N - RECW/PR/GFW - OP	- WH	- XX	
LED Arrays in x-sec	LED Arrangement	Run Length	Wall Interface*	Ceiling Interface	Options
1	Blank Run is built to field dimensions and LEDs may not extend end-to-end. T Run includes telescoping end for field adjustment and LEDs will extend end-to-end (pg 5).	Up to 8' single-piece housings available. Specify continuous runs in total designed length.	PR Plaster Rail (pg 6, 9 & 10) WF Wall Flange (pg. 7, 8 & 11) AT Adjustment Trim (pg. 12)	GFW Gyp or Grid Flanged, Wire suspension GMR Gyp Mud trim, Rod suspension	BPE Battery Pack Em. kit (U.S. only) CP Chicago Plenum compliant (no LED Arrangement option T) DL UL Damp Label EMERG Emergency Ckt. GLR Fuse w/ holder 2CKT Dual circuiting
Illumination	Output				
G Grazing	SO Standard Output HO High Output				
Family	Lamp Type				
Perimeter	LED				

* When **RECW** is specified, exact field dimensions (at the wall height where the Wall Interface will be installed) are required from installing contractor on approved shop drawings.



Specifications

Construction

Housing: Extruded aluminum body, 6063T5, 0.090" minimum thickness. In continuous runs, each housing is 8' max unless previously coordinated with the factory, up to 24' in a single piece. All fixtures are built per approved factory drawings and tested as a complete system at the factory. Fixtures ordered as individuals cannot be joined together in the field.

Joiner System: Automatic alignment, no loose parts, factory-supplied bolts are used to join fixture bulkheads in continuous runs. No light leaks. Bulkheads and ceiling trim require 10 5/8" x 9 1/2" plenum space.

Lamping: Due to the set length of LED boards, runs built to Specific Length (Length Option **S**) may not be fully populated with LEDs. Runs built to Nominal Length (Option **N**) may be adjusted at the factory to provide consistent LED illumination.

Mounting: Shall be perimeter mounted to wall via Plaster Rail (**PR**), Wall Flange (**WF**) or Adjustment Trim (**AT**) and recessed into a ceiling system.

Electrical

Static Driver*: Osram OT50 Optotronic programmable driver, wired for static operation, is default (**DVR**).

0-10V Dimming*: Osram OT50 Optotronic programmable driver, wired for 0-10v control and dimming to 10% is default (**ZTV**).

Lutron Dimming: Lutron Hi-Lume A series L3D driver (**HLAE** for Ecosystem control or **HLA3** for 3-wire control).

Emitter*: Osram Sylvania or Gammalux proprietary constant current. High efficacy, 80 + CRI.

Battery Pack*: Integral Bodine, Iota or Fulham. 3.7W max input. 10W min output.

LED System: Rated for >60k hours at 70% lumen output (L70) at max 25 degrees C. 5 year limited warranty.

Upgrade Capability: LED assemblies can be replaced in the future with the latest factory-provided and fully warranted components.

On-board sensors, control interface devices and alternate LED components may be specified (consult factory). Max driver cross section 1.0" x 1.2". Fixtures bear UL & cUL Dry Location label. Damp Location label available (**DL**).

*Subject to availability. May be substituted by Gammalux. Components and specifications may be changed without notice.

ESTIMATED LUMENS PER FOOT DELIVERED BY FIXTURE											
STANDARD OUTPUT (7.5 WPF)						HIGH OUTPUT (10.5 WPF)					
OPTIONS	2700 K	3000 K	3500 K*	4000 K	5000 K	OPTIONS	2700 K	3000 K	3500 K*	4000 K	5000 K
OPEN APERTURE	409.5	436.2	445.1	462.9	471.8	OPEN APERTURE	545.9	581.5	593.4	617.1	629
Consult factory for options on custom output or wattage consumption. *IES files were created using 3500K boards. Values were then adjusted by a factor of .92 for 2700K, .98 for 3000K, 1.04 for 4000K and 1.06 for 5000K boards.											

Optical Performance

Reflectors: Shall be asymmetric formed diffuse high reflectance aluminum.

Dust Cover: Clear acrylic dust cover, snap-in fitting (**DC**). Multiply efficiency by .97.

Finish

Housing assembly is electrostatically sprayed with high solids aliphatic two component polyurethane to an average thickness of 2 mils. over acid etching primer. High gloss or semi-gloss are standard. Specify **H** for high gloss in Paint Finish field. Specify **SG** for semi-gloss. Consult with factory for other finishes.

Packing and Shipping

Fixtures built for continuous rows are given a specific location identifier, clearly identified on factory layout drawings provided to installing contractor. Location identifier is printed on the fixture's ID Label, protective wrapping and on each end of fixture carton. Shipping pallets are built with 2" clearance, extending beyond the length and width of cartons, providing shipping protection.

Approx. weight of 4' module is 22 lbs. including carton. Weight of pallet and supplemental packing materials not factored in.



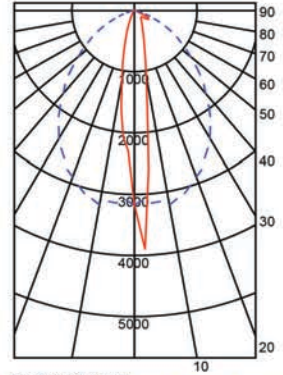
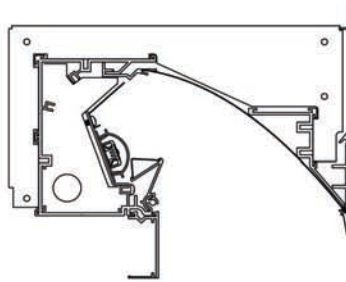
Photometric Reports for
STANDARD OUTPUT FIXTURES

FIXTURE USES OPEN APERTURE AND 3500 K BOARDS.*

IESNA: LM 79-2008
ISSUEDATE: 06/30/14
TEST: GPRG6B1SOLED35OP.IES
TESTLAB: Photopia 3.2.6
MANUFAC: GAMMALUX LIGHTING SYSTEMS
LUMCAT: GPRG6B-1SOLED35-OP
LAMPS: 73605 PLPG2-Lin-1100-835-280x19-DC

EFFICACY (Total): 58.9 LPW**
DISTRIBUTION % UP: 0%
DISTRIBUTION % DOWN: 100%
CIE CLASSIFICATION: DIRECT

LUMINOUS OPENING: RECTANGULAR
Width: 4.00 (Feet)
Length: 0.88
Height: 0.66
INPUT WATTS: 30.2



Bilaterally Symmetric
Solid: 180-0 Degrees Dashed: 90-270 Degrees

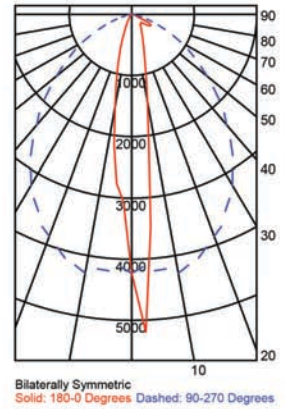
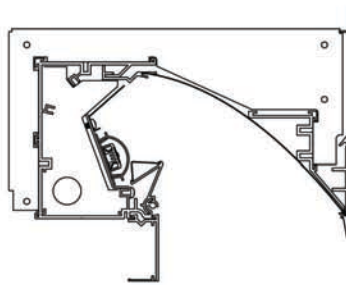
**Photometric Reports for
HIGH OUTPUT FIXTURES**

FIXTURE USES OPEN APERTURE AND 3500 K BOARDS.*

IESNA: LM 79-2008
ISSUEDATE: 06/30/14
TEST: 1 MOD TO 2014 COMP
TESTLAB: Photopia 3.2.6
MANUFAC: GAMMALUX LIGHTING SYSTEMS
LUMCAT: GPRG6B-1HOLED35-OP
LAMPS: 73605 PLPG2-Lin-1100-835-280x19-DC

EFFICACY (Total): 59.0 LPW**
DISTRIBUTION % UP: 0%
DISTRIBUTION % DOWN: 100%
CIE CLASSIFICATION: DIRECT

LUMINOUS OPENING: RECTANGULAR
Width: 4.00 (Feet)
Length: 0.88
Height: 0.66
INPUT WATTS: 40.2



Illumination Options

A The Ambient illumination optic is designed to bounce light off the top of the wall, back out into occupied space. The reflector material is white high reflectance, low gloss painted. Reflectors are pre-installed in 4' increments. For the best ambient illumination effect, use no lamp barrier in the fixture.



AR The Ambient illumination w/Roll-out reflector optic is designed to bounce light off the top of the wall, back out into occupied space. The reflector material is a white high reflectance film shipped separate from fixtures, in lengths up to 40'. For best ambient illumination effect, use no lamp barrier in the fixture.

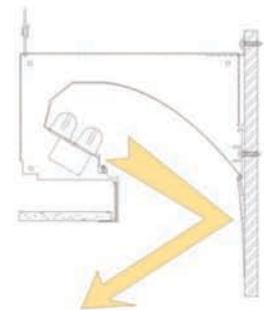


G The Grazing illumination optic is designed to drive light directly down through the fixture aperture. The reflector material is high reflectance, semi specular aluminum. Reflectors are pre-installed in 4' increments. When Grazing illumination is being used on a flat wall where no shadows are desired, Gammalux recommends a level 5 wall finish. The Grazing illumination optic will highlight all inconsistencies in the wall surface.

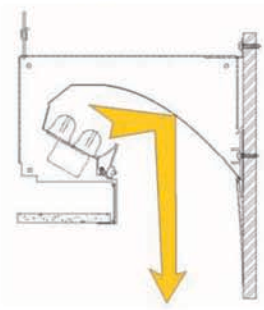


Lamp Barrier

N No lamp barrier is used. Light will shine directly onto the top of the wall.
 Warning - Although the lamp is not visible from below lamps will be visible to viewers in a mirror's reflection or if the fixture is mounted across the junction of a corridor.
 To eliminate reflected lamp image, use the lamp barrier



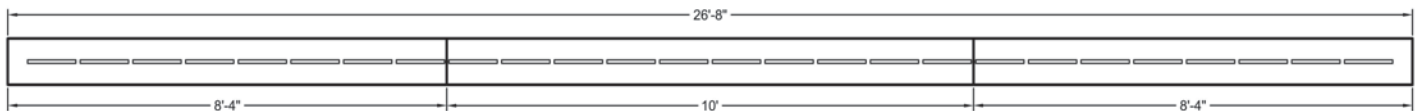
B The lamp Barrier is designed to block direct view of the lamp from any angle below the ceiling line. This barrier reflects light upward, onto the fixture's main reflector for further reflection directly down through the fixture's aperture. The lamp barrier is hinged for simple relamping and features tool-less removal for fixture maintenance. The best use of the lamp barrier is in conjunction with the Grazing illumination reflector system. When Grazing illumination is being used on a flat wall where no shadows are desired, Gammalux recommends a level 5 wall finish. The Grazing illumination optic will highlight all inconsistencies in the wall surface.



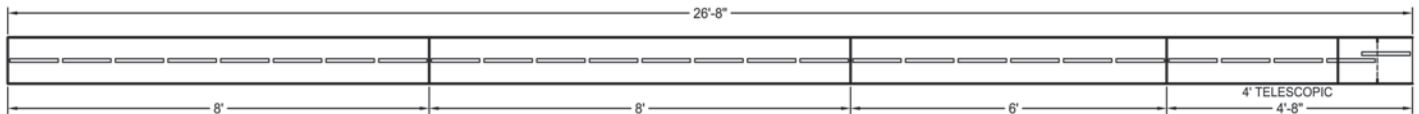
Run Length

Specify fixtures in nominal run lengths. The level of detail required from the installing contractor is directly associated with the **LED Arrangement** selection:

Blank - Housings are built in custom lengths to create a perfect end-to-end installation of fixtures. However, the as-built field dimensions of the walls may not match the architect's designed dimensions exactly. Therefore, factory drawings will be produced showing the designed nominal run lengths and sent to the installing contractor for written verification or correction. Manufacturing of fixtures does not start until the final set of approved drawings (with field dimensions) comes back from the installing contractor. Dimensions must be measured at the wall height where the Wall Interface will be installed. Fixtures are built to exact length and have no field adjustment capability.



T - Exact field dimensions are NOT required. Factory drawings will show the run of fixtures and telescoping module in such a configuration that the specified (nominal) run length is located as close as possible to the center of the telescoping fixture's range of adjustability. This eliminates the need for accurate field dimensions and allows for some construction variance in the field.

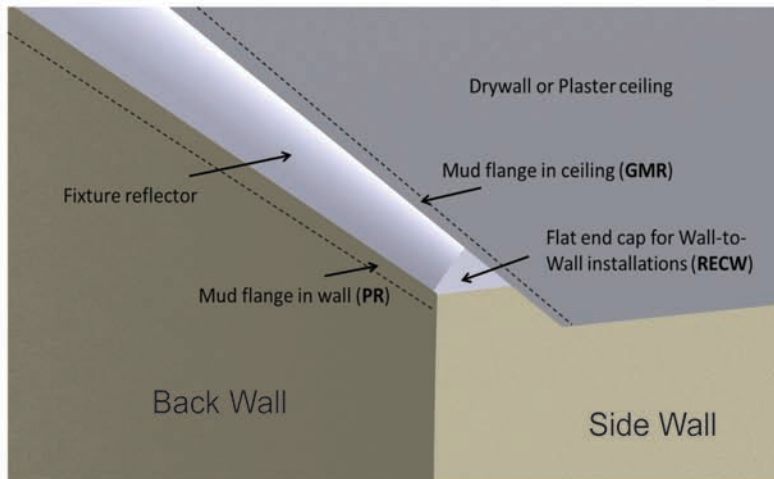


Perimeter Series Options

Perimeter Series Mounting Styles

Mounting style from page 1: RECW/PR/GMR

Fixture is recessed above the ceiling line and against a side wall (**RECW**). The exposed portion of the side wall above the ceiling line should be finished to match the rest of the wall. The Plaster Rail (**PR**) is positioned with mud ribs facing down, allowing it to be 'mudded' into the face of the back wall. The fixture bottom features a mud flange (**GMR**), allowing it to be 'mudded' into the drywall or plaster ceiling. Exact field dimensions are required.

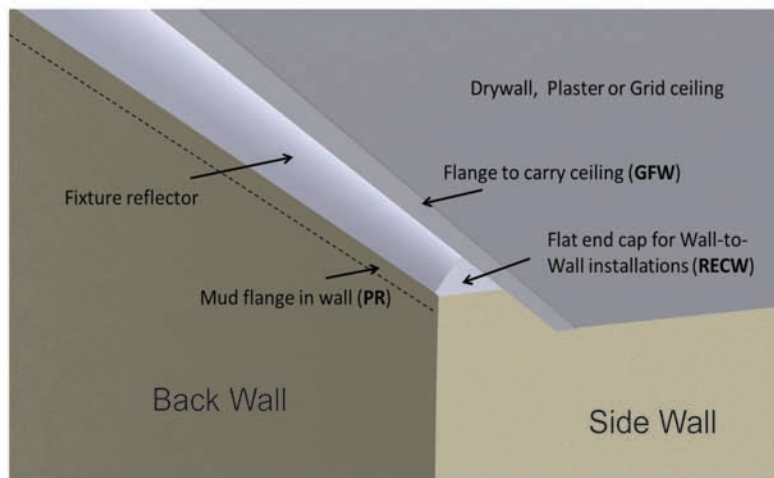


- PLASTER RAIL IS INSTALLED ONTO WALL BEFORE THE WALL IS FINISHED.
- PLASTER OR JOINT COMPOUND IS BLENDED DOWN THE WALL, EMBEDDING THE BOTTOM OF THE PLASTER RAIL INTO THE WALL.
- WALLS ARE FINISHED PER ARCHITECTURAL INSTRUCTIONS (SIDEWALL SHOULD BE FINISHED 4" ABOVE THE CEILING LINE AND 6" FROM THE BACK WALL).
- FIXTURE IS INSTALLED AND SUSPENDED FROM ABOVE.
- CEILING IS INSTALLED, FIXTURE BOTTOM FLANGE IS MUDDERED OVER.
- FIXTURE IS MASKED AND CEILING IS FINISHED PER ARCHITECTURAL INSTRUCTIONS.

Perimeter Series Mounting Styles

Mounting style from page 1: RECW/PR/GFW

Fixture is recessed above the ceiling line and against a side wall (**RECW**). The exposed portion of the side wall above the ceiling line a telescoping end fixture may be required, resulting should be finished to match the rest of the wall. The Plaster Rail (**PR**) is positioned with mud ribs facing down, allowing it to be 'mudded' into the face of the back wall. The fixture bottom features a 1" flange (**GFW**), allowing it to rest under the ceiling material. Exact field dimensions are required.



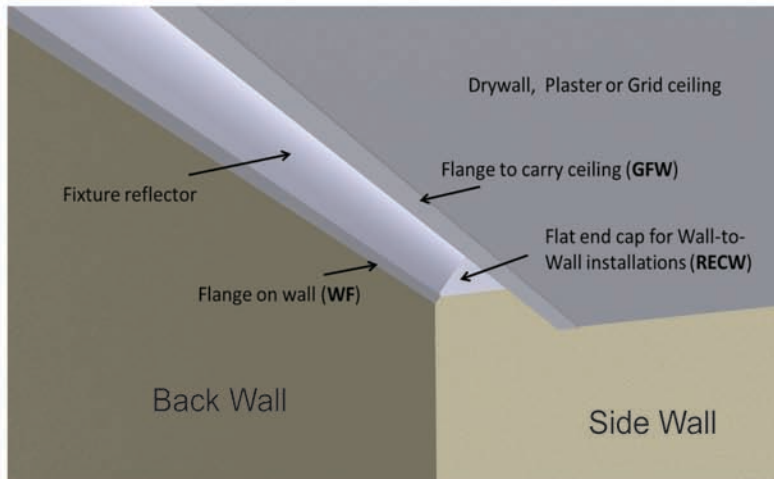
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- FIXTURE IS INSTALLED AND SUSPENDED FROM ABOVE.
- CEILING IS INSTALLED, FIXTURE BOTTOM FLANGE RESTS UNDER CEILING MATERIAL.
- FIXTURE IS MASKED AND CEILING IS FINISHED PER ARCHITECTURAL INSTRUCTIONS.

Perimeter Series Options

Perimeter Series Mounting Styles

Mounting style from page 1: RECW/WF/GFW

Fixture is recessed above the ceiling line and against a side wall (**RECW**). The exposed portion of the side wall above the ceiling line should be finished to match the rest of the wall. The Wall Flange (**WF**) is positioned with mud ribs facing up and not used. The flange is visible on the back wall. The fixture bottom features a 1" flange (**GFW**), allowing it to rest under the ceiling material. Exact field dimensions are required.

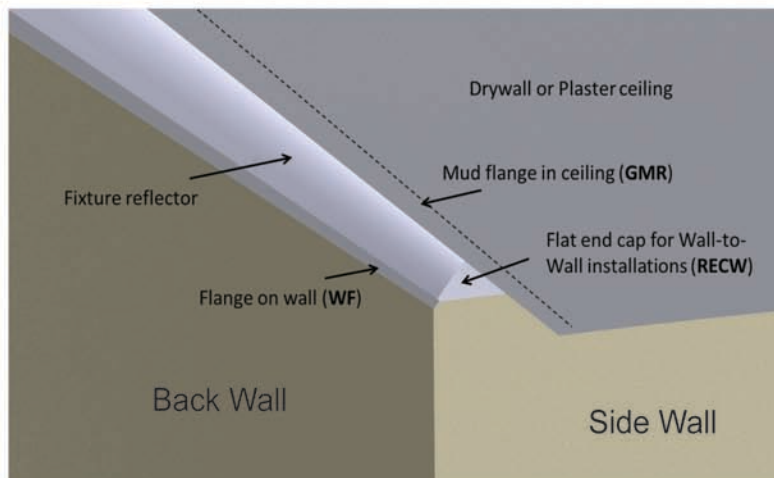


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- PLASTER RAIL IS INSTALLED ONTO WALL AFTER THE WALL IS FINISHED. MUD RIBS ARE FACING UP AND ARE NOT USED, PLASTER RAIL'S FLANGE IS VISIBLE ON THE BACK WALL.
- FIXTURE IS INSTALLED AND SUSPENDED FROM ABOVE.
- CEILING IS INSTALLED, FIXTURE'S BOTTOM FLANGE RESTS UNDER CEILING MATERIAL.
- IF NECESSARY, FIXTURE IS MASKED AND CEILING IS FINISHED PER ARCHITECTURAL INSTRUCTIONS.

Perimeter Series Mounting Styles

Mounting style from page 1: RECW/WF/GMR

Fixture is recessed above the ceiling line and against a side wall (**RECW**). The exposed portion of the side wall above the ceiling should be finished to match the rest of the wall. The Wall Flange (**WF**) is positioned with mud ribs facing up and not used. The flange is visible on the back wall. The fixture bottom features a mud flange (**GMR**), allowing it to be 'mudded' into the drywall or plaster ceiling. Exact field dimensions are required.



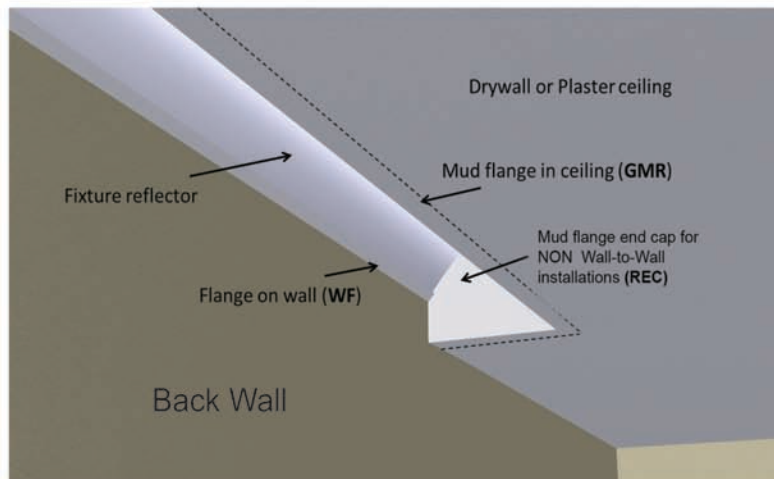
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Perimeter Series Options

Perimeter Series Mounting Styles

Mounting style from page 1: REC/WF/GMR

Fixture is recessed above the ceiling line and IS NOT touching a side wall (**REC**). The Wall Flange (**WF**) is positioned with mud ribs facing up and not used. The flange is visible on the back wall. The fixture's bottom trim and end caps feature a mud flange (**GMR**), allowing them to be 'mudded' into the drywall or plaster ceiling.

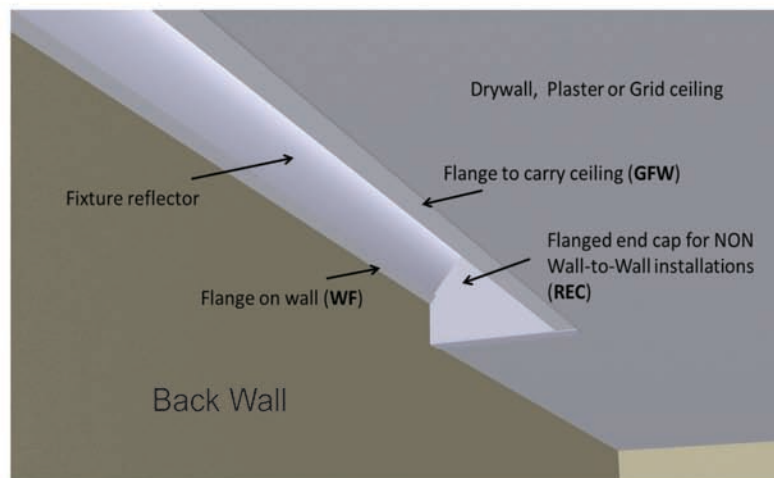


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- PLASTER RAIL IS INSTALLED ONTO WALL AFTER THE WALL IS FINISHED. MUD RIBS ARE FACING UP AND ARE NOT USED, PLASTER RAIL'S FLANGE IS VISIBLE ON THE BACK WALL.
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- CEILING IS INSTALLED, FIXTURE'S BOTTOM FLANGE IS MUDDED OVER.
- FIXTURE IS MASKED AND CEILING IS FINISHED PER ARCHITECTURAL INSTRUCTIONS.

Perimeter Series Mounting Styles

Mounting style from page 1: REC/WF/GFW

Fixture is recessed above the ceiling line and IS NOT touching a side wall (**REC**). The Wall Flange (**WF**) is positioned with mud ribs facing up and not used. The plaster rail flange is visible on the back wall. The fixture's bottom trim and end caps feature a 1" flange (**GFW**), allowing them to rest under the ceiling material.



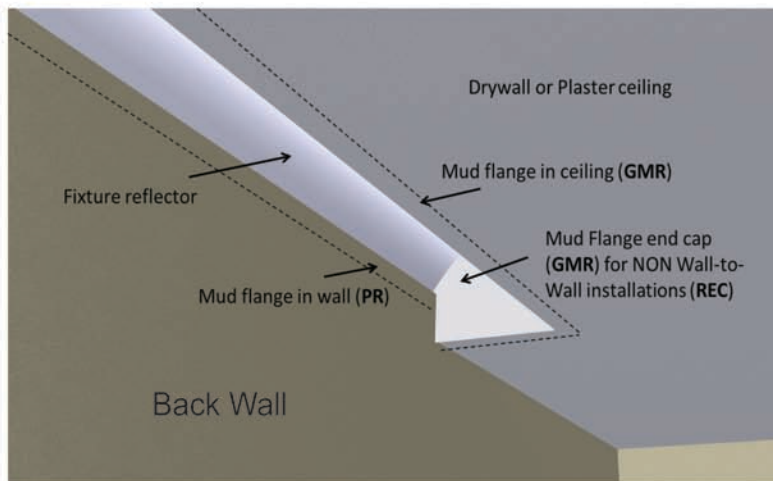
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Perimeter Series Options

Perimeter Series Mounting Styles

Mounting style from page 1: REC/PR/GMR

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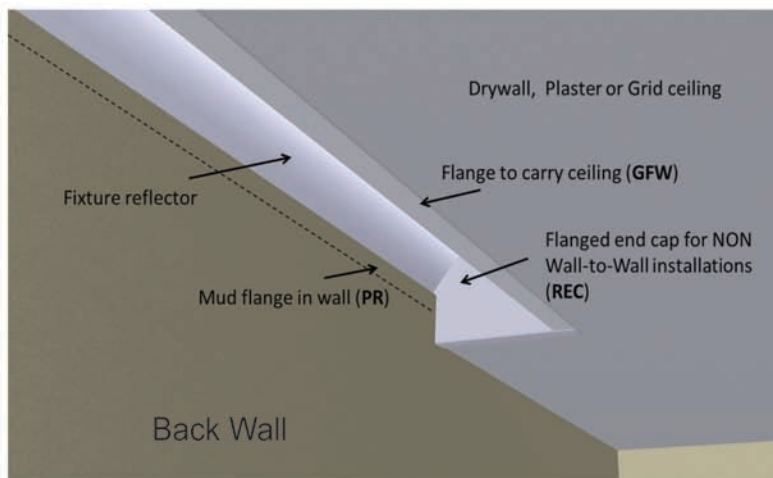


- PLASTER RAIL IS INSTALLED ONTO WALL BEFORE THE WALL IS FINISHED.
- FIXTURE IS ATTACHED TO PLASTER RAIL AND SUSPENDED FROM ABOVE.
- CEILING IS INSTALLED, FIXTURE IS MASKED.
- PLASTER OR JOINT COMPOUND IS BLENDED DOWN THE WALL, EMBEDDING THE BOTTOM OF THE PLASTER RAIL INTO THE WALL.
- CEILING MUD FLANGE IS COVERED BY PLASTER OR JOINT COMPOUND.
- WALLS AND CEILING ARE FINISHED PER ARCHITECTURAL INSTRUCTIONS

Perimeter Series Mounting Styles

Mounting style from page 1: REC/PR/GFW

Fixture is recessed above the ceiling line and IS NOT touching a side wall (**REC**). The Plaster Rail (**PR**) is positioned with mud ribs facing down, allowing it to be 'mudded' into the face of the back wall. The fixture bottom features a 1" flange (**GFW**), allowing it to rest under the ceiling material.



- PLASTER RAIL IS INSTALLED ONTO WALL BEFORE THE WALL IS FINISHED.
- FIXTURE IS ATTACHED TO PLASTER RAIL AND SUSPENDED FROM ABOVE.
- CEILING IS INSTALLED, FIXTURE IS MASKED.
- PLASTER OR JOINT COMPOUND IS BLENDED DOWN THE WALL, EMBEDDING THE BOTTOM OF THE PLASTER RAIL INTO THE WALL.
- WALLS AND CEILING ARE FINISHED PER ARCHITECTURAL INSTRUCTIONS.

Perimeter Series Options

Wall Interface

PR The Plaster Rail* is a patented invention of Gammalux Lighting Systems (U.S. Patent # 8,562,168). This extruded aluminum element allows for the fixtures to be mounted directly to the wall while eliminating the gaps that are created by putting a perfectly straight housing along a built wall that is slightly imperfect. Using appropriate fasteners and hitting studs where possible, the Plaster Rail should be shimmed for a straight installation on the wall before the mud ribs are covered with plaster or other compound which is then feathered down the wall. This corrects minor inconsistencies in the wall's straightness and provides a mechanism for the fixture's reflector assembly to join directly to the wall. This results in Total Architectural Integration, a perfectly straight and clean look at the ceiling line. Because imperfections in a flat wall will be illuminated, Gammalux recommends a Level 5 wall finish.



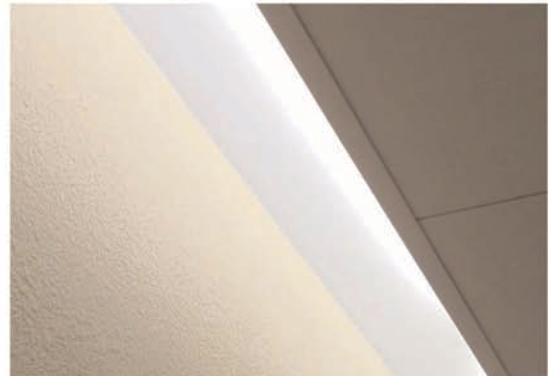
1) Plaster Rail is affixed to wall at a predetermined location prior to finishing.



2) Plaster or other compound is blended over the lower portion of the Rail and feathered down the wall, eliminating minor inconsistencies in wall straightness.



3) The wall is textured and finished, leaving a perfectly straight channel, ready to receive the fixture's reflector assembly.

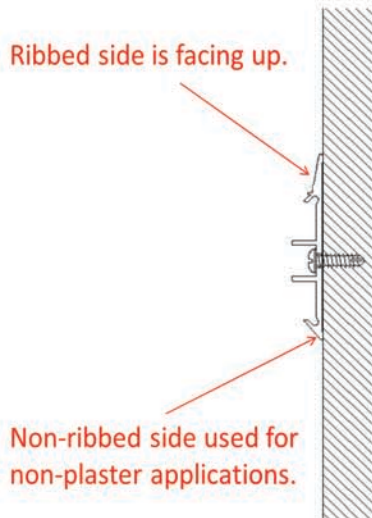


4) The run of fixtures and ceiling are installed. The fixture's reflector assembly snaps directly into the Plaster Rail just above the painted portion of the wall. Gaps between the fixtures and wall are eliminated, resulting in Total Architectural Integration.

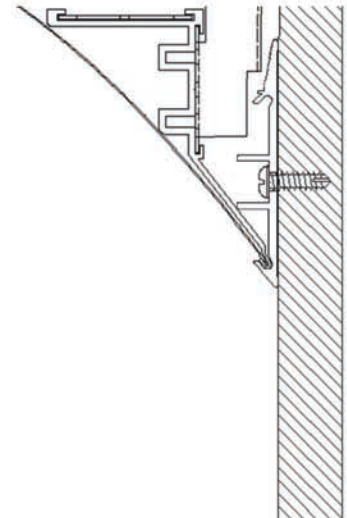
Perimeter Series Options

Wall Interface

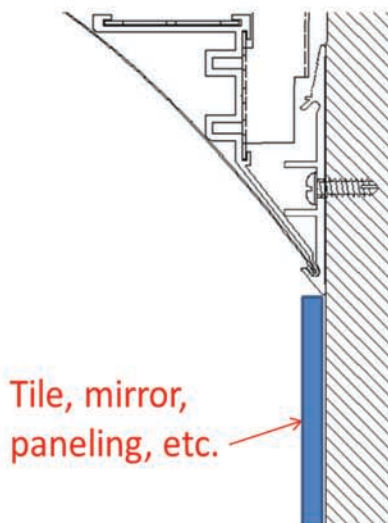
WF The Wall Flange is made of the same material as the Plaster Rail. In applications where the flange is NOT to be mudded into the wall, the mud ribs should be facing up and not used.



1) Wall Flange is installed with mud ribs facing up.



2) Fixture's reflector assembly is nested into groove in Wall Flange. Flange is visible on the wall.



3) If required, materials can be added to wall and butted against the bottom of the Wall Flange. A bead of caulking or other filler material can be used to hide small gaps.

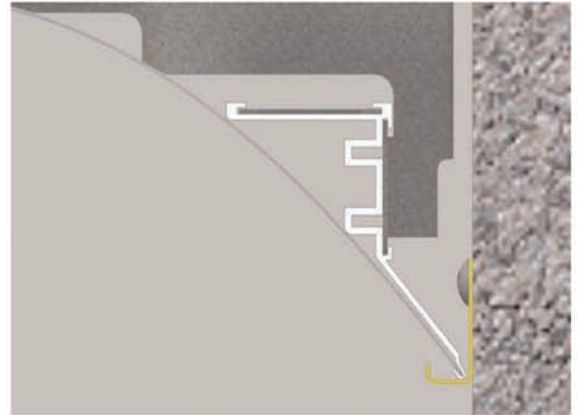
Perimeter Series Options

Wall Interface

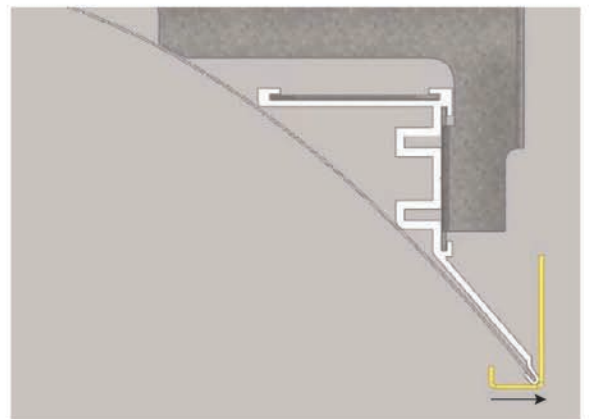
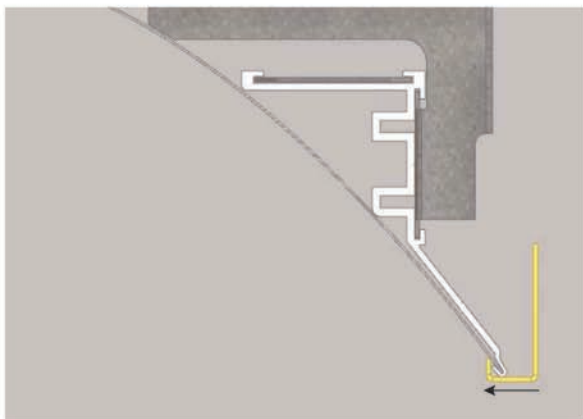
AT The Adjustment Trim is a supplemental flange that is affixed directly to the wall. It is flexible so that it can follow the unintentional inconsistencies of a built drywall construction wall. The Adjustment Trim eliminates the traditional gap found between most competitor fixtures and the wall.



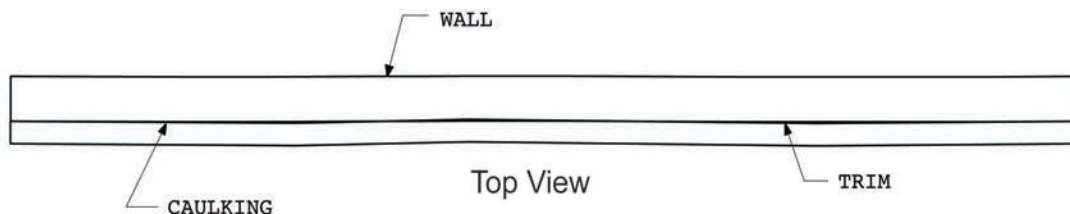
1) Adjustment Trim is added to the wall at a pre-determined height.



2) The bottom of the fixture's reflector assembly rests on the Adjustment Trim, providing 1/2" adjustability to allow for minor variances in wall straightness.



While this Adjustment Trim does accommodate for minor inconsistencies in wall straightness, it can not correct deep pits. In cases where there is a small gap created between the back of the Adjustment Trim and the wall, a thin bead of caulking or other compound should be used to fill in that gap.





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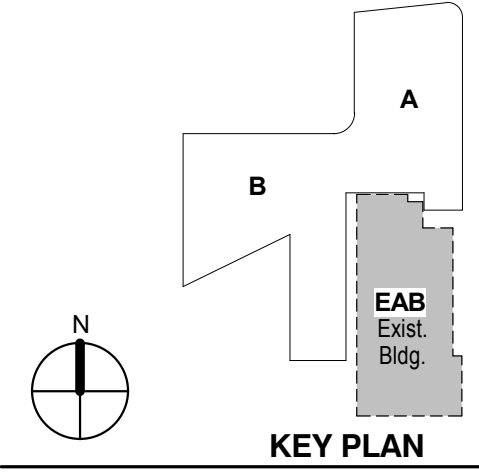
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ISSUED FOR CONSTRUCTION (BP3) 15 MAR 2016
No. Description Date



KEY PLAN

LEVEL 01 FLOOR PLAN

Project No.: 04561.01 Checked by:

A0101

- 22" Column Covers
- Coordination Needed
20" Column Cover w/ Large Column
- 12" Columns

1 LEVEL 01
1/16" = 1'-0"



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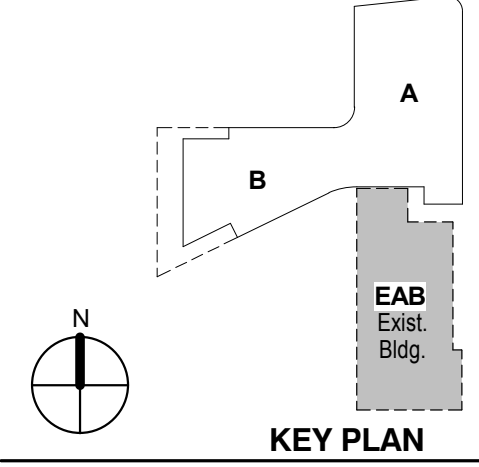
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ISSUED FOR CONSTRUCTION (BP3) 15 MAR 2016
No. Description Date



KEY PLAN

LEVEL 02 FLOOR PLAN

Project No.: 04561.01 Checked by:

A0102

- 22" Column Covers
- Coordination Needed
20" Column Cover w/ Large Steel Column
- 12" Columns

1 LEVEL 02
1/16" = 1'-0"



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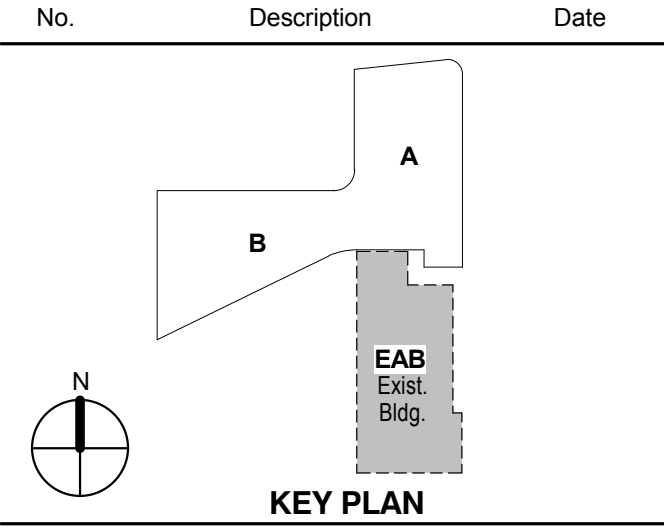
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- 22" Column Covers
- Coordination Needed
20" Column Cover w/ Large Column
- 12" Columns

1 LEVEL 03
1/16" = 1'-0"

ISSUED FOR CONSTRUCTION (BP3) 15 MAR 2016



LEVEL 03 FLOOR PLAN

Project No.: 04561.01 Checked by:

A0103



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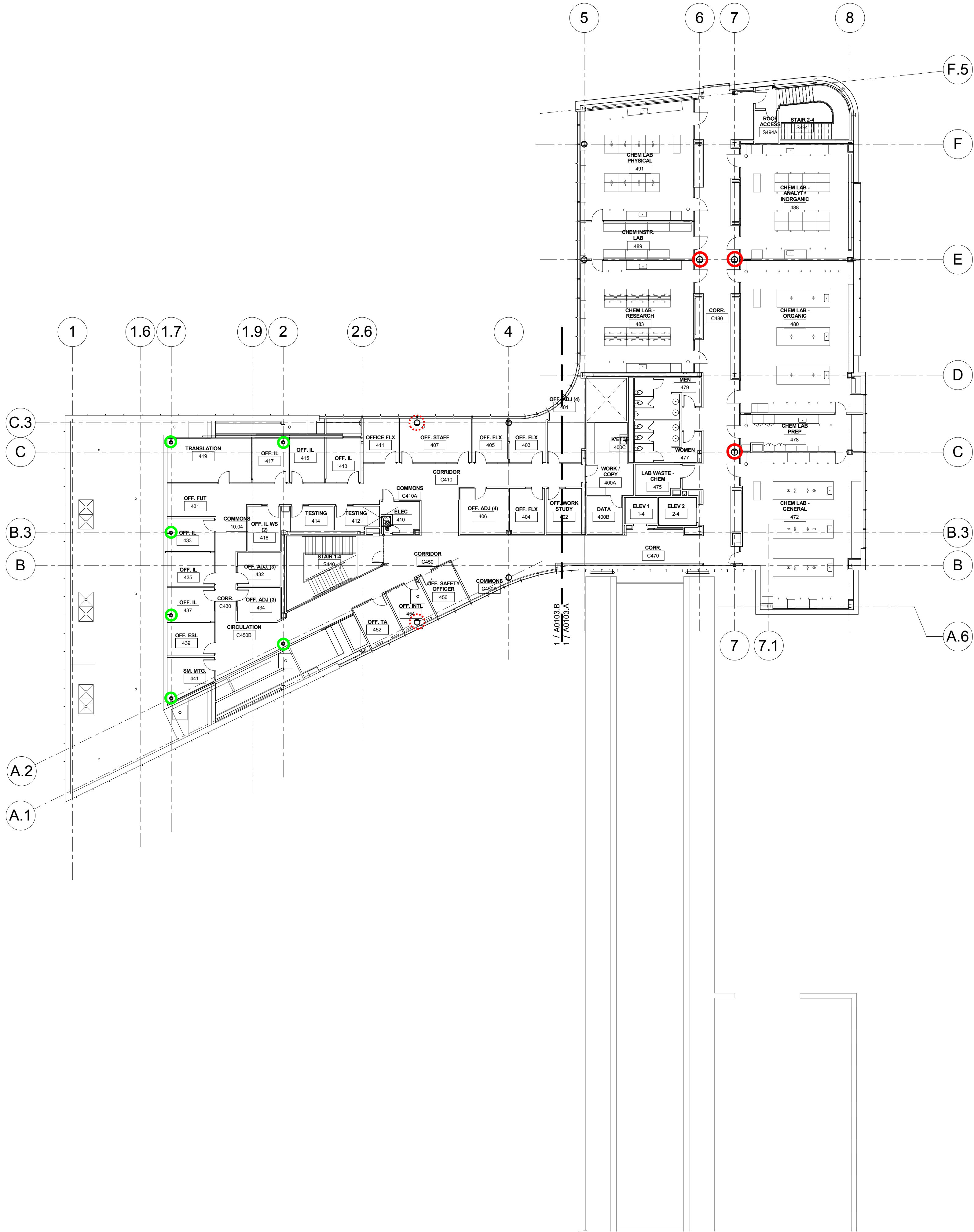
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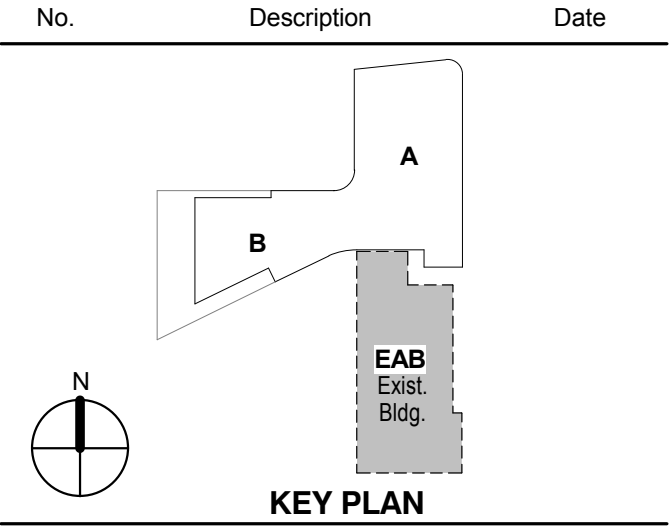
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- 22" Column Covers
- Coordination Needed
20" Column Cover w/ Large Column
- 12" Columns

1 LEVEL 04
1/16" = 1'-0"

ISSUED FOR CONSTRUCTION (BP3) 15 MAR 2016

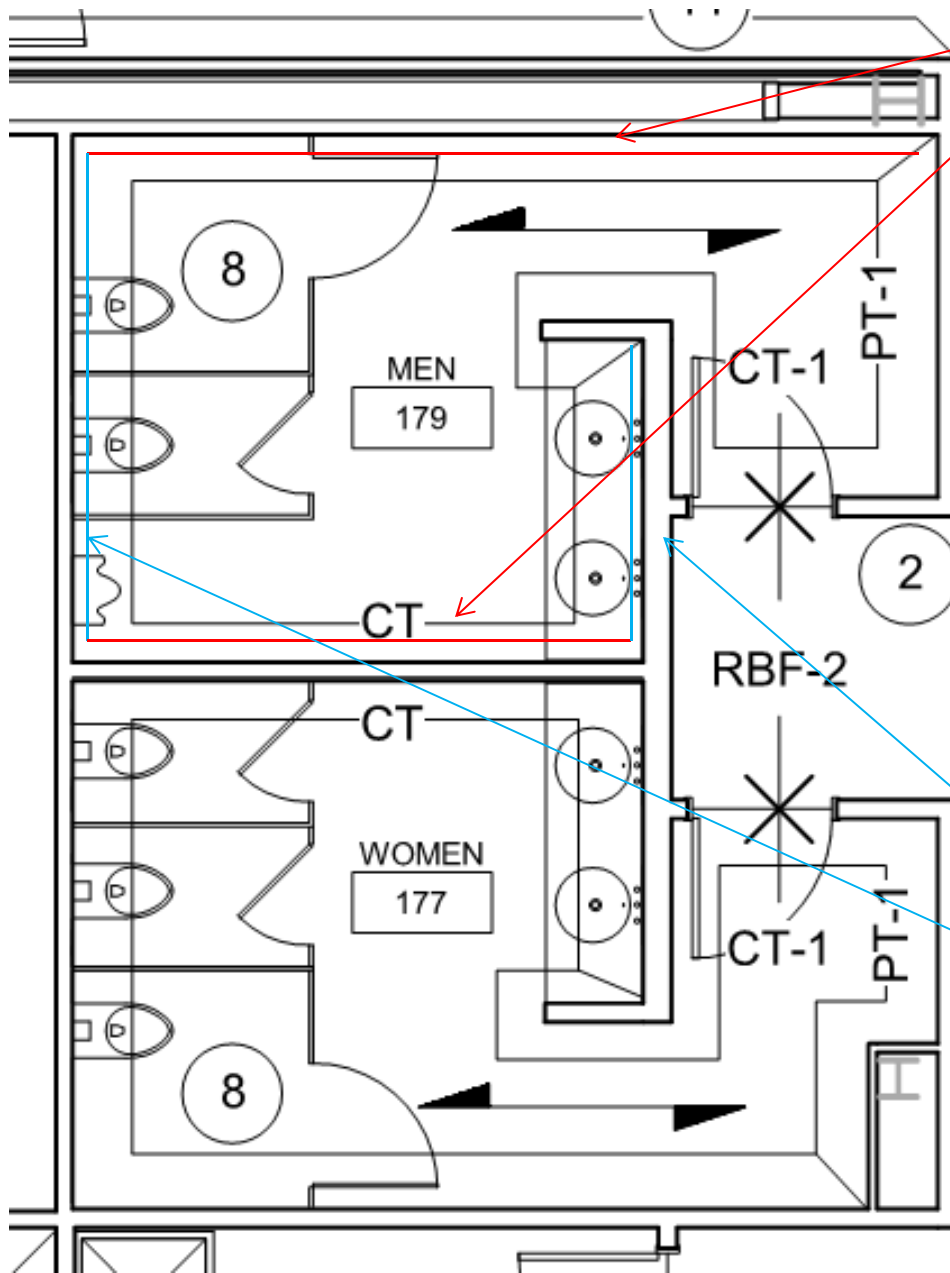


LEVEL 04 FLOOR PLAN

Project No.: 04561.01 Checked by:

A0104

RFI 48 - ITEM 13 - ATTACHMENT #4



Full Height CT-1 to be run vertically. CT-1 is base used with MT-1 Schluter cove piece

Walls not marked to be PT-1 with CT-3 bullnose base and MT-1 Schluter cove piece

Full Height CT-1 and CT-4 to be run vertically. CT-1 / CT-4 are run to the floor with MT-1 Schluter cove piece. CT-1 and CT-4 pattern to line up with floor and wall patterns shown on ID0202