Attachment E-40

REFLECTED CEILING PLAN NOTES

TYPICAL NOTES

1. GENERAL CONTRACTOR TO COORDINATE MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCY, PRIOR TO COMMENCEMENT OF WORK.
2. GC TO ARRANGE AND MODIFY ALL EXISTING NON-VISIBLE MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS TO ENSURE ADEQUATE CLEARANCE FOR CEILING INSTALLATION AS SHOWN. GENERAL CONTRACTOR NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCY, PRIOR TO COMMENCEMENT OF WORK.
3. GENERAL CONTRACTOR TO VERIFY EXTENT OF EXISTING CONSTRUCTION IN FIELD. GC SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY "AS-BUILT" CONDITIONS CONTRARY TO THOSE SHOWN OR INFERRED FROM THE CONSTRUCTION DOCUMENTS, PRIOR TO COMMENCEMENT OF WORK.
4. ALL MECHANICAL AND PLUMBING WORK ABOVE CEILING SHALL BE LOCATED TO MINIMIZE REQUIRED ACCESS PANELS IN INACCESSIBLE CEILING AREAS. GENERAL CONTRACTOR SHALL SUBMIT COORDINATED LAYOUT DRAWINGS FOR ALL REQUIRED ACCESS PANELS TO ARCHITECT FOR REVIEW PRIOR TO FRAMING. GC TO NOTIFY ARCHITECT IMMEDIATELY UPON DISCOVERY OF ACCESS PANEL REQUIREMENTS NOT SHOWN ON CONSTRUCTION DOCUMENTS. ALL ACCESS PANELS IN GWB CEILINGS TO BE ISC STYLEMARK DRYWALL ACCESS CEILING DOOR. SIZE TO ACCOMMODATE REQUIRED ACCESS BUT SHALL BE MINIMUM POSSIBLE DIMENSION. FUR PAN FOR FLUSH DRYWALL INSTALLATION.
5. GC AND SUBCONTRACTOR TO THOROUGHLY VERIFY AND COORDINATE ALL CONDITIONS IN FIELD INCLUDING ELECTRICAL PANEL CAPACITY, LOCATION AND CLEARANCES AT MECH DUCTS, ELECTRICAL ITEMS, SPRINKLERS AND ASSOCIATED PIPING AND SLAB HEIGHTS.
6. CONTRACTOR TO VERIFY AVAILABILITY AND QUANTITY OF FIXTURES NOTED TO BE RELOCATED. IF A NEW FIXTURE IS REQUIRED, IT IS TO MATCH EXISTING.
8. REFER TO ARCHITECTURAL RCP FOR EXACT QUANTITY AND LOCATION OF LIGHT FIXTURES, DIMMING REQUIREMENTS, ETC.–ARCHITECTURAL DRAWINGS GOVERN. GC & SUBCONTRACTOR TO THOROUGHLY REVIEW ARCHITECTURAL AND ENGINEERING DOCUMENTS AND TO NOTIFY ARCHITECT IMMEDIATELY OF DISCREPANCIES FOR RESOLUTION PRIOR TO DELIVERY OF PRICING AND/ OR PROCEEDING WITH WORK.
9. ANY DAMAGE TO THE NEW OR EXISTING CONSTRUCTION CAUSED BY THE GENERAL CONTRACTOR'S NEGLIGENCE, INADEQUATE PROTECTION, OR INADEQUATE SECURITY MEASURES DURING CONSTRUCTION ARE TO BE CORRECTED AT THE GENERAL CONTRACTOR'S EXPENSE.
10. FOR ADDITIONAL INFORMATION REGARDING LIGHT FIXTURE SPECIFICATIONS, REFER TO ENGINEERING DRAWINGS.
11. FOR EMERGENCY LIGHTING LOCATIONS REFER TO ENGINEERING DRAWINGS.
12. FOR EXIT SIGN LOCATIONS & SPECIFICATIONS REFER TO ENGINEERING DRAWINGS. ALL EXIT SIGNS ARE TO BE LOCATED IN THE CENTER OF A CEILING TILE, UNLESS NOTED OTHERWISE.
13. REFER TO MEP DRAWINGS FOR LOCATIONS AND TYPES OF EXIT SIGNS, STROBES, AND PULLS. ALL EXIT SIGNS TO BE CENTERED ON HALLWAYS AND/ OR OPENING, UNLESS OTHERWISE NOTED.
14. REFER TO MEP ENGINEERING DOCUMENTS FOR LOCATIONS OF SUPPLY AND RETURN AIR DIFFUSERS, THERMOSTATS, EXIT LIGHTS AND LIFE SAFETY EQUIPMENT.
15. UNLESS NOTED OTHERWISE, REFER TO THE ENGINEERING DRAWINGS FOR LIGHT SWITCHING & LIGHT SWITCH LOCATIONS.
16. GANG ALL ADJACENT SWITCHES UNDER ONE (1) COVERPLATE. IF NEW DIMMERS & SWITCHES ARE ADJACENT THEY ARE TO BE AT EQUAL HEIGHT WITH 1" BETWEEN COVERPLATES.
17. ALL SPRINKLER HEADS, LIGHT FIXTURES, EXIT SIGNS, SPEAKER GRILLS, SMOKE DETECTORS AND SIMILAR DEVICES SHALL BE LOCATED AT THE CENTER OF CEILING TILE UNLESS OTHERWISE NOTED.
18. ALL NEW DIMENSIONS ARE FROM FINISH SURFACE TO FINISH SURFACE, UNLESS NOTED OTHERWISE.
19. ALL HOLES IN SLABS ARE TO BE FILLED WITH CODE COMPLIANT FILLER. REFER TO MEP SPECS FOR SLAB PENETRATION FIRE-STOP REQUIREMENTS. MAINTAIN THE EXISTING FLOOR SLAB RATING AT ALL FLOOR SLAB PENETRATIONS AS REQUIRED BY UL DESIGN GUIDELINES.
20. ALL CEILING GRID AND CEILING TILE IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED. PATCH & REPAIR ALL EXISTING TO REMAIN ELEMENTS TO LIKE NEW CONDITION. EXISTING CEILING HEIGHT IS APPROX. X'-X" AFF.
21. GC TO PROVIDE AN ALLOWANCE FOR ALL EQUIPMENT AND LABOR REQUIRED FOR SYNCHRONIZATION OF BUILDING STROBES.
22. SOUND LINED TRANSFER DUCTS ARE TO BE PROVIDED AT ALL ROOMS WITH SLAB TO SLAB PARTITIONS FOR RETURN AIR.
23. PAINT EDGES OF CUT CEILING TILES REMAINING EXPOSED AFTER INSTALLATION. MATCH COLOR OF FACTORY FINISHED PANEL SURFACES USING COATING RECOMMENDED IN WRITING FOR THIS PURPOSE BY THE ACOUSTICAL PANEL MANUFACTURER.
24. CLEAN EXPOSED SURFACES OF ACOUSTICAL PANEL CEILINGS, INCLUDING TRIM, EDGE MOLDINGS, AND SUSPENSION SYSTEM MEMBERS. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTION FOR CLEANING AND TOUCH-UP OF MINOR FINISH DAMAGE. REMOVE AND REPLACE CEILING COMPONENTS THAT CANNOT BE SUCCESSFULLY CLEANED AND REPAIRED.
25. AT ALL MAIN CONFERENCE ROOMS, VIDEOCONFERENCE ROOMS, RECEPTION AREAS, AND OTHER PRIMARY PUBLIC SPACES, GC SHALL PAINT PLENUM AREA (SLAB, DUCT, ETC. EXPOSED CEILING ELEMENTS) BLACK A MINIMUM OF 410' IN ALL DIRECTIONS FROM CENTERLINE OF ALL RETURN GRILLES. CONSULT AND COORDINATE FULL SCOPE OF THIS WORK PRIOR TO BID SUBMISSION WITH THE ARCHITECT.

PLAN SPECIFIC NOTES

PLAN SPECIFIC NOTES

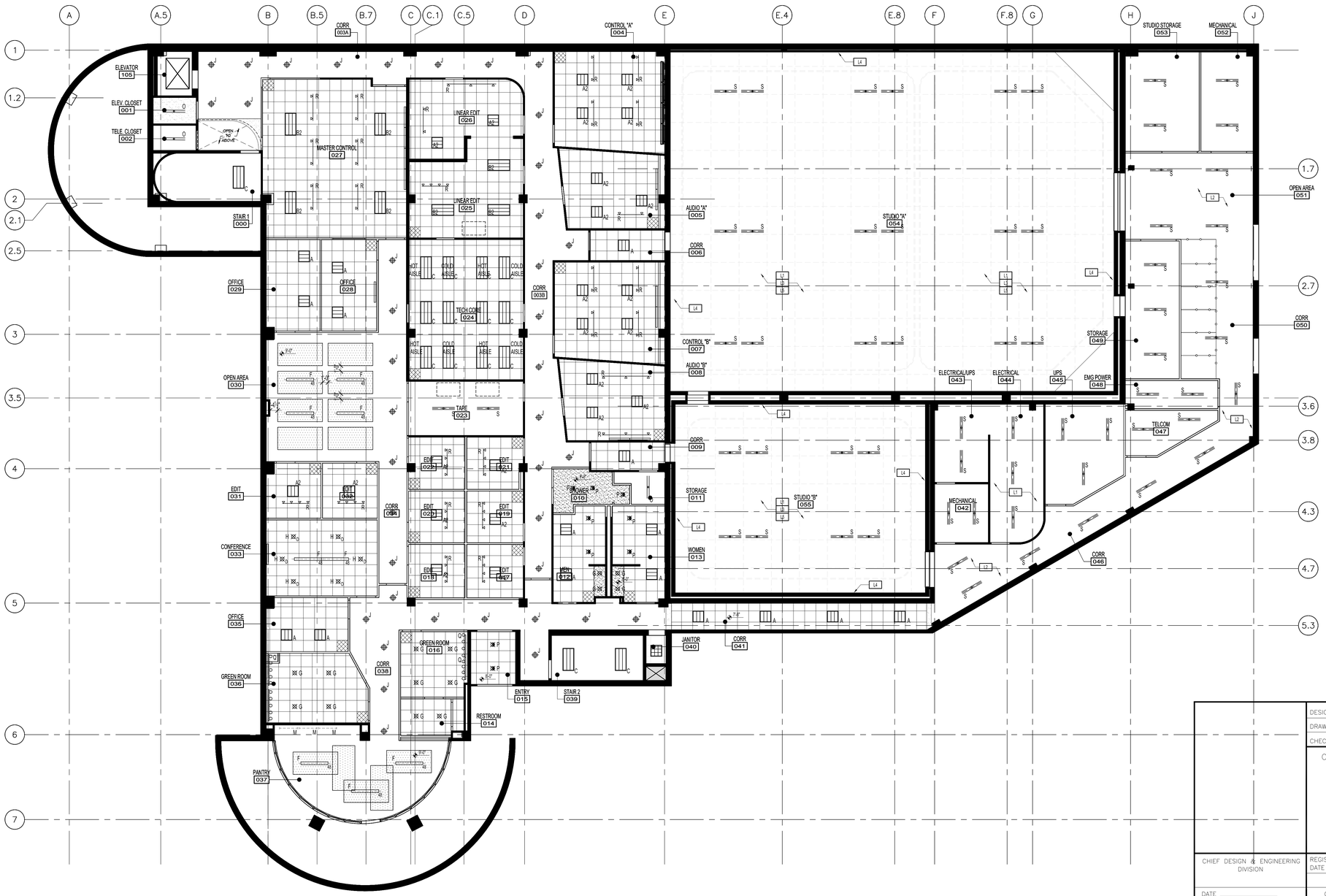
- L1 REFER TO POWER PLANS AND ELECTRICAL ENGINEERING DRAWINGS FOR LIGHTING POWER AND CONTROLS NOTES AND REQUIREMENTS.
- L2 COORDINATE MOUNTING OF PENDANT LIGHTS ON UNISTRUT WITH ARCHITECT AND MEP ENGINEERS IN THE FIELD, IN RELATION TO CONDUIT LOCATIONS.
- L3 GC TO INCLUDE PRICE TO REMOVAL AND REINSTALLATION OF EXISTING PIPE GRID FOR REWORK OF MECH.
- L4 GC TO ADD NEW CATWALK AND LADDER TO ALLOW FOR HVAC SERVICING. COORDINATE WITH MEP ENGINEER FOR EXACT LOCATION.
- L5 CEILING PANELS THAT ARE REMOVED DUE TO NEW ROOF CONSTRUCTION TO BE REPLACED WITH NEW TO MATCH EXISTING.

REFLECTED CEILING PLAN LEGEND

- NEW GRID AND TILE @ 9'-0" AFF.
- PATTERNED TILE DENOTES FULL TILE & LOCATION TO START CEILING GRID. ADDITIONAL DIMENSIONS PROVIDED ON PLAN, AS REQUIRED.
- EXPOSED CEILING TO UNDERSIDE OF UPPER SLAB. REMOVE ALL EXISTING UNUSED WIRING, DUCTWORK, ETC. DUCTWORK/HARDWIRE TO BE AT A MINIMUM IN THIS AREA. ALL WIRING TO BE AT A MINIMUM IN THIS AREA, AND BUNDLED TO THE MINIMUM POSSIBLE CODE-COMPLIANT DIMENSIONS. PATCH ALL SLAB HOLES WITH CODE-COMPLIANT FILLER, SKIM COAT ALL ROUGH AREAS. ALL DUCTWORK, HARDWIRE, ETC. AND SLAB TO BE PAINTED CEILING WHITE.
- NEW GWB CEILING, HEIGHT AS NOTED . INSTALL PITCON STR-063-050 TRIM REVEAL AT ALL WALL HEAD WHERE GWB CEILING AND GWB WALLS MEET, TYPICAL ALL LOCATIONS. ALL LOCATIONS TO BE PAINTED CEILING WHITE UNO.
- EXISTING GWB CEILING TO REMAIN.
- NEW 48" x 96" CERTAIN TEED ECOPHON SUSPENDED CEILING TILE TO BE INSTALLED AS NOTED. GC TO VERIFY MOUNTING HEIGHT WITH ARCHITECT IN THE FIELD.
- PROJECTOR ON STATIONARY MOUNT (PROVIDED BY AV VENDOR, INSTALLED BY GC). REFER TO ENGINEERING DRAWINGS FOR MORE INFORMATION.

LIGHT FIXTURE SCHEDULE

FIXTURE TYPE	SYMBOL	DESCRIPTION	LAMP	MANUFACTURER	CATALOG #	REMARKS
A		2X2 RECESSED DIRECT-INDIRECT	LED	CREE	CR22-32L-40K	-
B		2X4 RECESSED DIRECT-INDIRECT	LED	CREE	CR24-40LHE-40K	-
B2		2X4 RECESSED DIRECT-INDIRECT	LED	CREE	CR24-40LHE-40K	PROVIDE EMI FILTER
C		2X4 RECESSED DIRECT-INDIRECT	LED	CREE	CR24-22L-40K	-
D		4' RECESSED LINEAR	T5	AXIS	BR-S-12-T5-1S-MVHVOLTASE-D-CIRCUITS-D	-
E		4' FLUORESCENT SUSPENDED LINEAR PENDANT	--	--	NO LONGER USED	NO LONGER USED
F	48	4' FLUORESCENT SUSPENDED LINEAR PENDANT	T5	DECO	EVA-3-2B-UNV	-
G		LED DOWNLIGHT	LED	LITON	LHALD625C07/UE- -4,RALD63WF	-
H	D	DIMMABLE LED DOWNLIGHT	LED	LITON	LHALD625C07/UE-DUN- -4,RALD63WF	-
I		CF WALL WASHER	--	--	NO LONGER USED	NO LONGER USED
J		GENERAL PENDANT	LED	LIGHTOLIER	R01L16	16" DIA.
K		DECORATIVE PENDANT	26W CFL	EUREKA	420AB-CF.D.26- -C-RC-SC	DETERMINE MOUNTING HEIGHT WITH ARCHITECT IN THE FIELD
L		DECORATIVE PENDANT	--	EUREKA	4452- -AC-RC-SC-SA	DETERMINE MOUNTING HEIGHT WITH ARCHITECT IN THE FIELD
M		UNDERCABINET LIGHTING	LED	ALKCO	ARB-41-2700K-120-PRL	LIGHTS TO BE HARDWIRED. GC TO DETERMINE EXACT QUANTITY REQ.
N		WALL SCONCE	26W CFL	ALERA	GR-1CFQ26-W/S-PHSW-E-U-ZET	MOUNT PER ADA REQUIREMENTS
O		SURFACE MOUNTED OR SUSPENDED FLUORESCENT STRIP	T8	DAY BRITE	HEAVY DUTY STRIP HDS-2-32-UNV-CG4	SURFACE MOUNT @ ACT, SUSPENDED @ OPEN CEILING
P		SHOWER MODULE/WET LOCATION DOWNLIGHT	TT CFL	LIGHTOLIER	8091 CCLW	-
Q		WALL MOUNTED VANITY LIGHTS	100W INC	THOMAS LIGHTING	SL742578 BRUSHED NICKEL	-
R		DIMMABLE TRACK LIGHTING	LED	LITRON	LT26014-W-845 W/ INTEGRATED DIMMER/DRIVER	INCLUDE TRACKS AS REQUIRED AND AS INDICATED ON PLAN
S		SURFACE MOUNTED OR SUSPENDED FLUORESCENT STRIP	T5	HUBBELL	WC-4-2-28	SUSPENDED @ OPEN CEILING



DESIGNED OTJ ARCH	1	7/12/13	PM 07 – COMPLETE LIGHTING REVISION		
DRAWN PR	–	10/03/12	ISSUE FOR BID	–	–
CHECKED LJ/BH	REVISION	DATE	DESCRIPTION	BY	APP.

CERTIFICATION

REFLECTED CEILING PLAN – BASEMENT

OCT RELOCATION
1899 9TH STREET N.E., WASHINGTON DC

DRAWING NO.
0-A4.0

CHIEF DESIGN & ENGINEERING DIVISION
DATE

REGISTRATION NO.
DATE
ARCHITECT
OTJ ARCHITECTS

GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF REAL ESTATE SERVICES

PROJ. NO. OCT-000001-RENO
BLDG. NO. –
DATE: OCTOBER 28, 2011
SHEET 28 OF 223

1"=10' | 1"=20' | 1"=30' | 1"=40' | 1"=50' | 1"=100' | 1"=200' | 1"=400' | 3"=1'-0" | 11/2"=1'-0" | 1"=1'-0" | 3/4"=1'-0" | 1/2"=1'-0" | 3/8"=1'-0" | 1/4"=1'-0" | 3/16"=1'-0" | 1/8"=1'-0" | 3/32"=1'-0" | 1/16"=1'-0" | 1/16"=1'-0"

REFLECTED CEILING PLAN NOTES

TYPICAL NOTES

1. GENERAL CONTRACTOR TO COORDINATE MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCY, PRIOR TO COMMENCEMENT OF WORK.
2. GC TO ARRANGE AND MODIFY ALL EXISTING NON-VISIBLE MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS TO ENSURE ADEQUATE CLEARANCE FOR CEILING INSTALLATION AS SHOWN. GENERAL CONTRACTOR NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCY, PRIOR TO COMMENCEMENT OF WORK.
3. GENERAL CONTRACTOR TO VERIFY EXTENT OF EXISTING CONSTRUCTION IN FIELD. GC SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY "AS-BUILT" CONDITIONS CONTRARY TO THOSE SHOWN OR INFERRED FROM THE CONSTRUCTION DOCUMENTS, PRIOR TO COMMENCEMENT OF WORK.
4. ALL MECHANICAL AND PLUMBING WORK ABOVE CEILING SHALL BE LOCATED TO MINIMIZE REQUIRED ACCESS PANELS IN INACCESSIBLE CEILING AREAS. GENERAL CONTRACTOR SHALL SUBMIT COORDINATED LAYOUT DRAWINGS FOR ALL REQUIRED ACCESS PANELS TO ARCHITECT FOR REVIEW PRIOR TO FRAMING. GC TO NOTIFY ARCHITECT IMMEDIATELY UPON DISCOVERY OF ACCESS PANEL REQUIREMENTS NOT SHOWN ON CONSTRUCTION DOCUMENTS. ALL ACCESS PANELS IN GWB CEILINGS TO BE ISC STYLEMARK DRYWALL ACCESS CEILING DOOR. SIZE TO ACCOMMODATE REQUIRED ACCESS BUT SHALL BE MINIMUM POSSIBLE DIMENSION. FUR PAN FOR FLUSH DRYWALL INSTALLATION.
5. GC AND SUBCONTRACTOR TO THOROUGHLY VERIFY AND COORDINATE ALL CONDITIONS IN FIELD INCLUDING ELECTRICAL PANEL CAPACITY, LOCATION AND CLEARANCES AT MECH DUCTS, ELECTRICAL ITEMS, SPRINKLERS AND ASSOCIATED PIPING AND SLAB HEIGHTS.
6. CONTRACTOR TO VERIFY AVAILABILITY AND QUANTITY OF FIXTURES NOTED TO BE RELOCATED. IF A NEW FIXTURE IS REQUIRED, IT IS TO MATCH EXISTING.
8. REFER TO ARCHITECTURAL RCP FOR EXACT QUANTITY AND LOCATION OF LIGHT FIXTURES, DIMMING REQUIREMENTS, ETC.–ARCHITECTURAL DRAWINGS GOVERN. GC & SUBCONTRACTOR TO THOROUGHLY REVIEW ARCHITECTURAL AND ENGINEERING DOCUMENTS AND TO NOTIFY ARCHITECT IMMEDIATELY OF DISCREPANCIES FOR RESOLUTION PRIOR TO DELIVERY OF PRICING AND/ OR PROCEEDING WITH WORK.
9. ANY DAMAGE TO THE NEW OR EXISTING CONSTRUCTION CAUSED BY THE GENERAL CONTRACTOR'S NEGLIGENCE, INADEQUATE PROTECTION, OR INADEQUATE SECURITY MEASURES DURING CONSTRUCTION ARE TO BE CORRECTED AT THE GENERAL CONTRACTOR'S EXPENSE.
10. FOR ADDITIONAL INFORMATION REGARDING LIGHT FIXTURE SPECIFICATIONS, REFER TO ENGINEERING DRAWINGS.
11. FOR EMERGENCY LIGHTING LOCATIONS REFER TO ENGINEERING DRAWINGS.
12. FOR EXIT SIGN LOCATIONS & SPECIFICATIONS REFER TO ENGINEERING DRAWINGS. ALL EXIT SIGNS ARE TO BE LOCATED IN THE CENTER OF A CEILING TILE, UNLESS NOTED OTHERWISE.
13. REFER TO MEP DRAWINGS FOR LOCATIONS AND TYPES OF EXIT SIGNS, STROBES, AND PULLS. ALL EXIT SIGNS TO BE CENTERED ON HALLWAYS AND/ OR OPENING, UNLESS OTHERWISE NOTED.
14. REFER TO MEP ENGINEERING DOCUMENTS FOR LOCATIONS OF SUPPLY AND RETURN AIR DIFFUSERS, THERMOSTATS, EXIT LIGHTS AND LIFE SAFETY EQUIPMENT.
15. UNLESS NOTED OTHERWISE, REFER TO THE ENGINEERING DRAWINGS FOR LIGHT SWITCHING & LIGHT SWITCH LOCATIONS.
16. GANG ALL ADJACENT SWITCHES UNDER ONE (1) COVERPLATE. IF NEW DIMMERS & SWITCHES ARE ADJACENT THEY ARE TO BE AT EQUAL HEIGHT WITH 1" BETWEEN COVERPLATES.
17. ALL SPRINKLER HEADS, LIGHT FIXTURES, EXIT SIGNS, SPEAKER GRILLS, SMOKE DETECTORS AND SIMILAR DEVICES SHALL BE LOCATED AT THE CENTER OF CEILING TILE UNLESS OTHERWISE NOTED.
18. ALL NEW DIMENSIONS ARE FROM FINISH SURFACE TO FINISH SURFACE, UNLESS NOTED OTHERWISE.
19. ALL HOLES IN SLABS ARE TO BE FILLED WITH CODE COMPLIANT FILLER. REFER TO MEP SPECS FOR SLAB PENETRATION FIRE-STOP REQUIREMENTS. MAINTAIN THE EXISTING FLOOR SLAB RATING AT ALL FLOOR SLAB PENETRATIONS AS REQUIRED BY UL DESIGN GUIDELINES.
20. ALL CEILING GRID AND CEILING TILE IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED. PATCH & REPAIR ALL EXISTING TO REMAIN ELEMENTS TO LIKE NEW CONDITION. EXISTING CEILING HEIGHT IS APPROX. **X'-X"** AFF.
21. GC TO PROVIDE AN ALLOWANCE FOR ALL EQUIPMENT AND LABOR REQUIRED FOR SYNCHRONIZATION OF BUILDING STROBES.
22. SOUND LINED TRANSFER DUCTS ARE TO BE PROVIDED AT ALL ROOMS WITH SLAB TO SLAB PARTITIONS FOR RETURN AIR.
23. PAINT EDGES OF CUT CEILING TILES REMAINING EXPOSED AFTER INSTALLATION. MATCH COLOR OF FACTORY FINISHED PANEL SURFACES USING COATING RECOMMENDED IN WRITING FOR THIS PURPOSE BY THE ACOUSTICAL PANEL MANUFACTURER.
24. CLEAN EXPOSED SURFACES OF ACOUSTICAL PANEL CEILINGS, INCLUDING TRIM, EDGE MOLDINGS, AND SUSPENSION SYSTEM MEMBERS. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTION FOR CLEANING AND TOUCH-UP OF MINOR FINISH DAMAGE. REMOVE AND REPLACE CEILING COMPONENTS THAT CANNOT BE SUCCESSFULLY CLEANED AND REPAIRED.
25. AT ALL MAIN CONFERENCE ROOMS, VIDEOCONFERENCE ROOMS, RECEPTION AREAS, AND OTHER PRIMARY PUBLIC SPACES, GC SHALL PAINT PLENUM AREA (SLAB, DUCT, ETC. EXPOSED CEILING ELEMENTS) BLACK A MINIMUM OF 4'0" IN ALL DIRECTIONS FROM CENTERLINE OF ALL RETURN GRILLES. CONSULT AND COORDINATE FULL SCOPE OF THIS WORK PRIOR TO BID SUBMISSION WITH THE ARCHITECT.

PLAN SPECIFIC NOTES

PLAN SPECIFIC NOTES

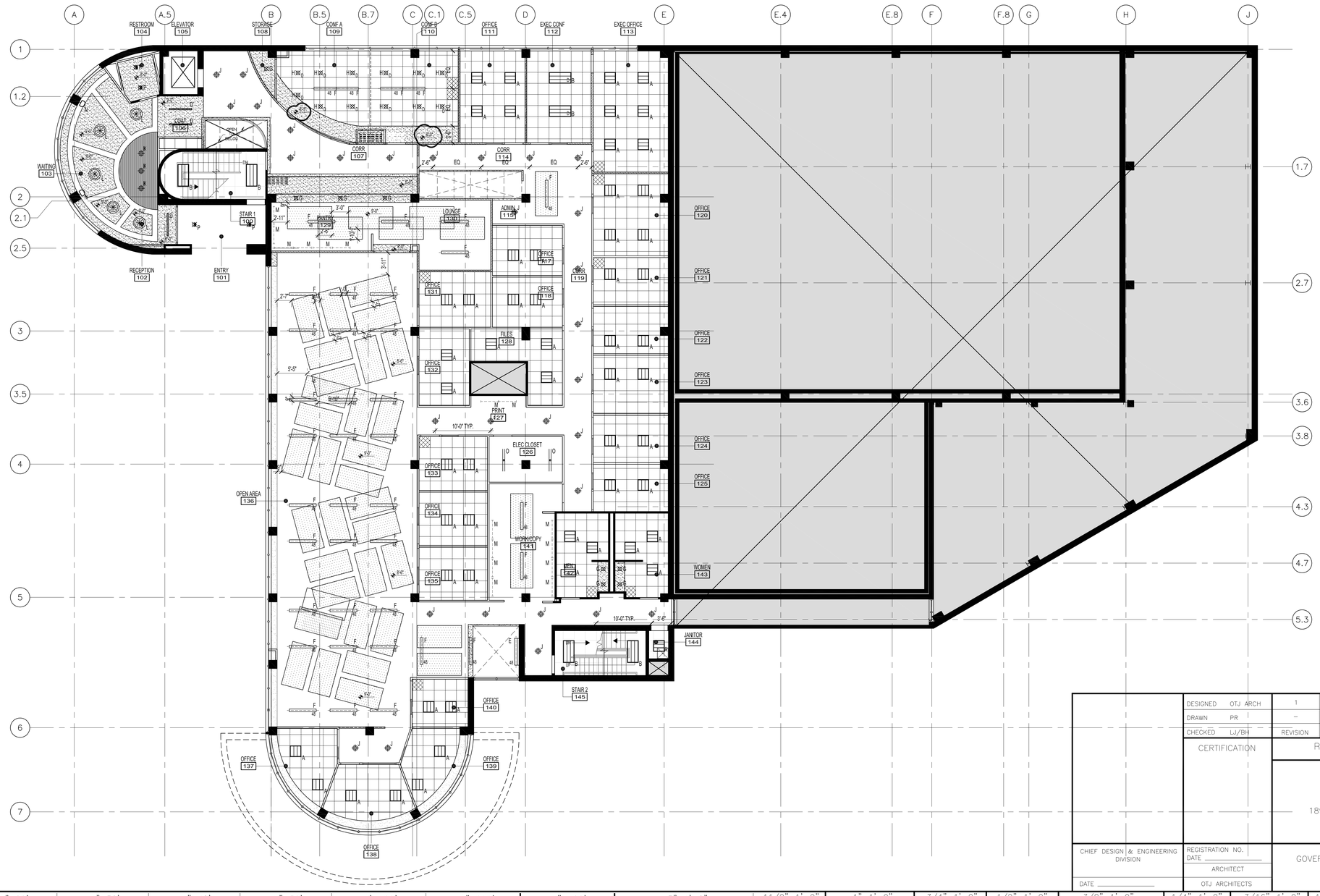
- L1 REFER TO POWER PLANS AND ELECTRICAL ENGINEERING DRAWINGS FOR LIGHTING POWER AND CONTROLS NOTES AND REQUIREMENTS.
- L2 COORDINATE MOUNTING OF PENDANT LIGHTS ON UNISTRUT WITH ARCHITECT AND MEP ENGINEERS IN THE FIELD, IN RELATION TO CONDUIT LOCATIONS.
- L3 GC TO INCLUDE PRICE TO REMOVAL AND REINSTALLATION OF EXISTING PIPE GRID FOR REWORK OF MECH.
- L4 GC TO ADD NEW CATWALK AND LADDER TO ALLOW FOR HVAC SERVICING. COORDINATE WITH MEP ENGINEER FOR EXACT LOCATION.
- L5 CEILING PANELS THAT ARE REMOVED DUE TO NEW ROOF CONSTRUCTION TO BE REPLACED WITH NEW TO MATCH EXISTING.

REFLECTED CEILING PLAN LEGEND

- NEW GRID AND TILE @ 9'-0" AFF.
- PATTERNED TILE DENOTES FULL TILE & LOCATION TO START CEILING GRID. ADDITIONAL DIMENSIONS PROVIDED ON PLAN, AS REQUIRED.
- EXPOSED CEILING TO UNDERSIDE OF UPPER SLAB. REMOVE ALL EXISTING UNUSED WIRING, DUCTWORK, ETC. DUCTWORK/HARDWIRE TO BE AT A MINIMUM IN THIS AREA. ALL WIRING TO BE AT A MINIMUM IN THIS AREA, AND BUNDLED TO THE MINIMUM POSSIBLE CODE-COMPLIANT DIMENSIONS. PATCH ALL SLAB HOLES WITH CODE-COMPLIANT FILLER, SKIM COAT ALL ROUGH AREAS. ALL DUCTWORK, HARDWIRE, ETC. AND SLAB TO BE PAINTED CEILING WHITE.
- NEW GWB CEILING, HEIGHT AS NOTED . INSTALL PITCON STR-063-050 TRIM REVEAL AT ALL WALL HEAD WHERE GWB CEILING AND GWB WALLS MEET, TYPICAL ALL LOCATIONS. ALL LOCATIONS TO BE PAINTED CEILING WHITE UNO.
- EXISTING GWB CEILING TO REMAIN.
- NEW 48" x 96" CERTAIN TEED ECOPHON SUSPENDED CEILING TILE TO BE INSTALLED AS NOTED. GC TO VERIFY MOUNTING HEIGHT WITH ARCHITECT IN THE FIELD.
- PROJECTOR ON STATIONARY MOUNT (PROVIDED BY AV VENDOR, INSTALLED BY GC). REFER TO ENGINEERING DRAWINGS FOR MORE INFORMATION.

LIGHT FIXTURE SCHEDULE

FIXTURE TYPE	SYMBOL	DESCRIPTION	LAMP	MANUFACTURER	CATALOG #	REMARKS
A		2X2 RECESSED DIRECT-INDIRECT	LED	CREE	CR22-32L-40K	-
B		2X4 RECESSED DIRECT-INDIRECT	LED	CREE	CR24-40LHE-40K	-
B2		2X4 RECESSED DIRECT-INDIRECT	LED	CREE	CR24-40LHE-40K	PROVIDE EMI FILTER
C		2X4 RECESSED DIRECT-INDIRECT	LED	CREE	CR24-22L-40K	-
D		4' RECESSED LINEAR	T5	AXIS	BR-S-12-T5-1S-MVHVOLTASE-D-CIRCUITS-D	-
E		4' FLUORESCENT SUSPENDED LINEAR PENDANT	- -	- -	NO LONGER USED	NO LONGER USED
F	48	4' FLUORESCENT SUSPENDED LINEAR PENDANT	T5	DECO	EVIA-3-2B-UNV	8'-0" AFF
G		LED DOWNLIGHT	LED	LITON	LHALD625C071UE- -4,RALD63BWF	-
H	D	DIMMABLE LED DOWNLIGHT	LED	LITON	LHALD625C071UE-DUN- -4,RALD63BWF	-
I		CF WALL WASHER	- -	- -	NO LONGER USED	NO LONGER USED
J		GENERAL PENDANT	LED	LIGHTOLIER	R01L16	16" DIA.
K		DECORATIVE PENDANT	26W CFL	EUREKA	420AB-CF (L26- -C-RC-SC	DETERMINE MOUNTING HEIGHT WITH ARCHITECT IN THE FIELD
L		DECORATIVE PENDANT	- -	EUREKA	4452- -AC-RC-SC-SA	DETERMINE MOUNTING HEIGHT WITH ARCHITECT IN THE FIELD
M		UNDERCABINET LIGHTING	LED	ALKCO	ARB5-41-2700K-120-PRL	LIGHTS TO BE HARDWIRED. GC TO DETERMINE EXACT QUANTITY REQ.
N		WALL SCONCE	26W CFL	ALERA	GR-1CFQ26-WS-PHSW-E-U-ZET	MOUNT PER ADA REQUIREMENTS
O		SURFACE MOUNTED OR SUSPENDED FLUORESCENT STRIP	T8	DAY BRITE	HEAVY DUTY STRIP HDS-2-32-UNV-CG4	SURFACE MOUNT @ ACT, SUSPENDED @ OPEN CEILING
P		SHOWER MODULE/WET LOCATION DOWNLIGHT	TT CFL	LIGHTOLIER	8091 CCLW	-
Q		WALL MOUNTED VANITY LIGHTS	100W INC	THOMAS LIGHTING	SL742578 BRUSHED NICKEL	-
R		DIMMABLE TRACK LIGHTING	LED	LITRON	LT26014-W-B45 W/ INTEGRATED DIMMER/DRIVER	INCLUDE TRACKS AS REQUIRED AND AS INDICATED ON PLAN
S		SURFACE MOUNTED OR SUSPENDED FLUORESCENT STRIP	T5	HUBBELL	WC-4-2-28	SUSPENDED @ OPEN CEILING



DESIGNED OTJ ARCH	1	7/12/13	PM 07 – COMPLETE LIGHTING REVISION		
DRAWN PR	–	10/03/12	ISSUE FOR BID	–	–
CHECKED LJ/BH	REVISION	DATE	DESCRIPTION	BY	APP.

CERTIFICATION

REFLECTED CEILING PLAN – GROUND

OCT RELOCATION
1899 9TH STREET N.E., WASHINGTON DC

DRAWING NO. **1-A4.0**

CHIEF DESIGN & ENGINEERING DIVISION
DATE

REGISTRATION NO.
DATE
ARCHITECT
OTJ ARCHITECTS

GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF REAL ESTATE SERVICES

PROJ. NO. OCT-000001-RENO
BLDG. NO. –
DATE: OCTOBER 28, 2011
SHEET 29 OF 223

1"=10' | 1"=20' | 1"=30' | 1"=40' | 1"=50' | 1"=100' | 1"=200' | 1"=400' | 3"=1'-0" | 11/2"=1'-0" | 1"=1'-0" | 3/4"=1'-0" | 1/2"=1'-0" | 3/8"=1'-0" | 1/4"=1'-0" | 3/16"=1'-0" | 1/8"=1'-0" | 3/32"=1'-0" | 1/16"=1'-0" | 1/16"=1'-0"

SITE PLAN - LIGHTING

SCALE: 1" = 20'-0"

NOTES:

1. REFURBISH & PAINT EXISTING POLES AND LIGHTS TO MATCH EXISTSING. PULL NEW CIRCUIT AS INDICATED. PROVIDE NEW PHOTOCELL CONTROL AT EACH POLE LIGHT.
2. REPLACE EXISTING FLOOD LIGHTS. PULL NEW CIRCUIT AS INDICATED.
3. REPLACE EXISTING BOLLARD LIGHTS. PULL NEW CIRCUIT AS INDICATED.
4. REPLACE EXISTING RECESSED WALL STEP LIGHTS. PULL NEW CIRCUIT AS INDICATED.
5. PULL NEW CIRCUIT FOR SECURITY GATE ARM AS INDICATED.
6. PULL NEW CIRCUIT FOR SECURITY CAMERA AS INDICATED.
7. PULL NEW CIRCUIT FOR MOTORIZED GATE AS INDICATED.

DESIGNED	SNT	1	07/12/13	PM 07 - COMPLETE REVISION FOR LEED GOLD	PAH	-
DRAWN	SNT	–	10/03/12	ISSUE FOR BID	–	–
CHECKED	MPK	REVISION	DATE	DESCRIPTION	BY	APP.

CERTIFICATION

SITE PLAN – ELECTRICAL

OCT RELOCATION
1899 9TH STREET N.E., WASHINGTON DC

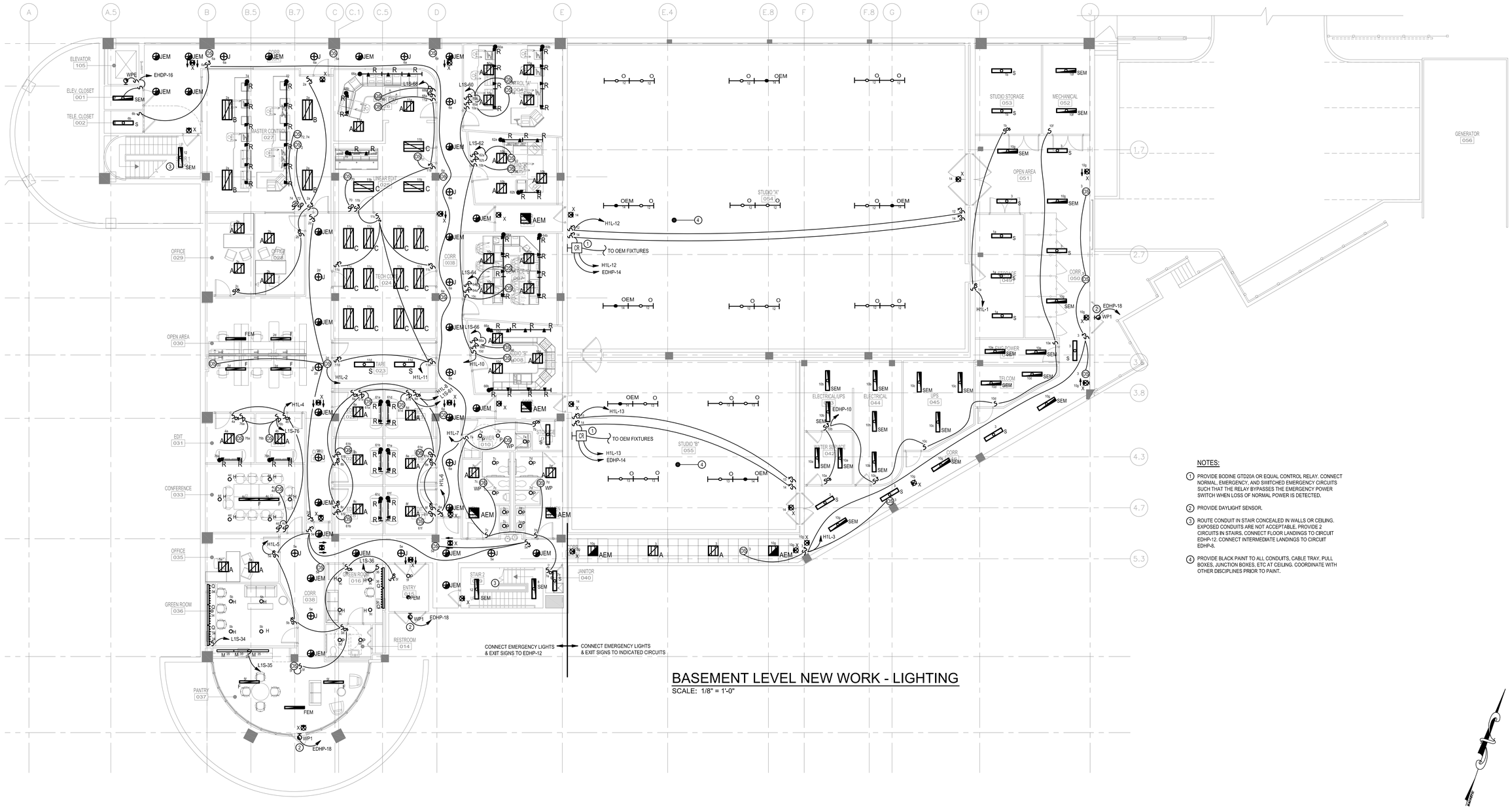
DRAWING NO.
E1.00

CHIEF DESIGN & ENGINEERING DIVISION
REGISTRATION NO.
DATE
ENGINEER
DATE
JVP ENGINEERS, PC

GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF REAL ESTATE SERVICES

PROJ. NO. OCT–000001–REN0
BLDG. NO. –
DATE: OCTOBER 28, 2011
SHEET 86 OF 223

1"=10' | 1"=20' | 1"=30' | 1"=40' | 1"=50' | 1'=100' | 1"=200' | 1"=400' | 3"=1'–0" | 11/2"=1'–0" | 1"=1'–0" | 3/4"=1'–0" | 1/2"=1'–0" | 3/8"=1'–0" | 1/4"=1'–0" | 3/16"=1'–0" | 1/8"=1'–0" | 3/32"=1'–0" | 1/16"=1'–0" | 1/16"=1'–0"



BASEMENT LEVEL NEW WORK - LIGHTING

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

NOTES:

1. PROVIDE BODINE GTD20A OR EQUAL CONTROL RELAY. CONNECT NORMAL, EMERGENCY, AND SWITCHED EMERGENCY CIRCUITS SUCH THAT THE RELAY BYPASSES THE EMERGENCY POWER SWITCH WHEN LOSS OF NORMAL POWER IS DETECTED.
2. PROVIDE DAYLIGHT SENSOR.
3. ROUTE CONDUIT IN STAIR CONCEALED IN WALLS OR CEILING. EXPOSED CONDUITS ARE NOT ACCEPTABLE. PROVIDE 2 CIRCUITS IN STAIRS. CONNECT FLOOR LANDINGS TO CIRCUIT EDHP-12. CONNECT INTERMEDIATE LANDINGS TO CIRCUIT EDHP-8.
4. PROVIDE BLACK PAINT TO ALL CONDUITS, CABLE TRAY, PULL BOXES, JUNCTION BOXES, ETC AT CEILING. COORDINATE WITH OTHER DISCIPLINES PRIOR TO PAINT.

DESIGNED	SNT	1	07/12/13	PM 07 - COMPLETE REVISION FOR LEED GOLD	PAH	-
DRAWN	SNT	–	10/03/12	ISSUE FOR BID	–	–
CHECKED	MPK	REVISION	DATE	DESCRIPTION	BY	APP.

CERTIFICATION

BASEMENT LEVEL NEW WORK – LIGHTING

OCT RELOCATION
1899 9TH STREET N.E., WASHINGTON DC

DRAWING NO. E1.1.1

CHIEF DESIGN & ENGINEERING DIVISION

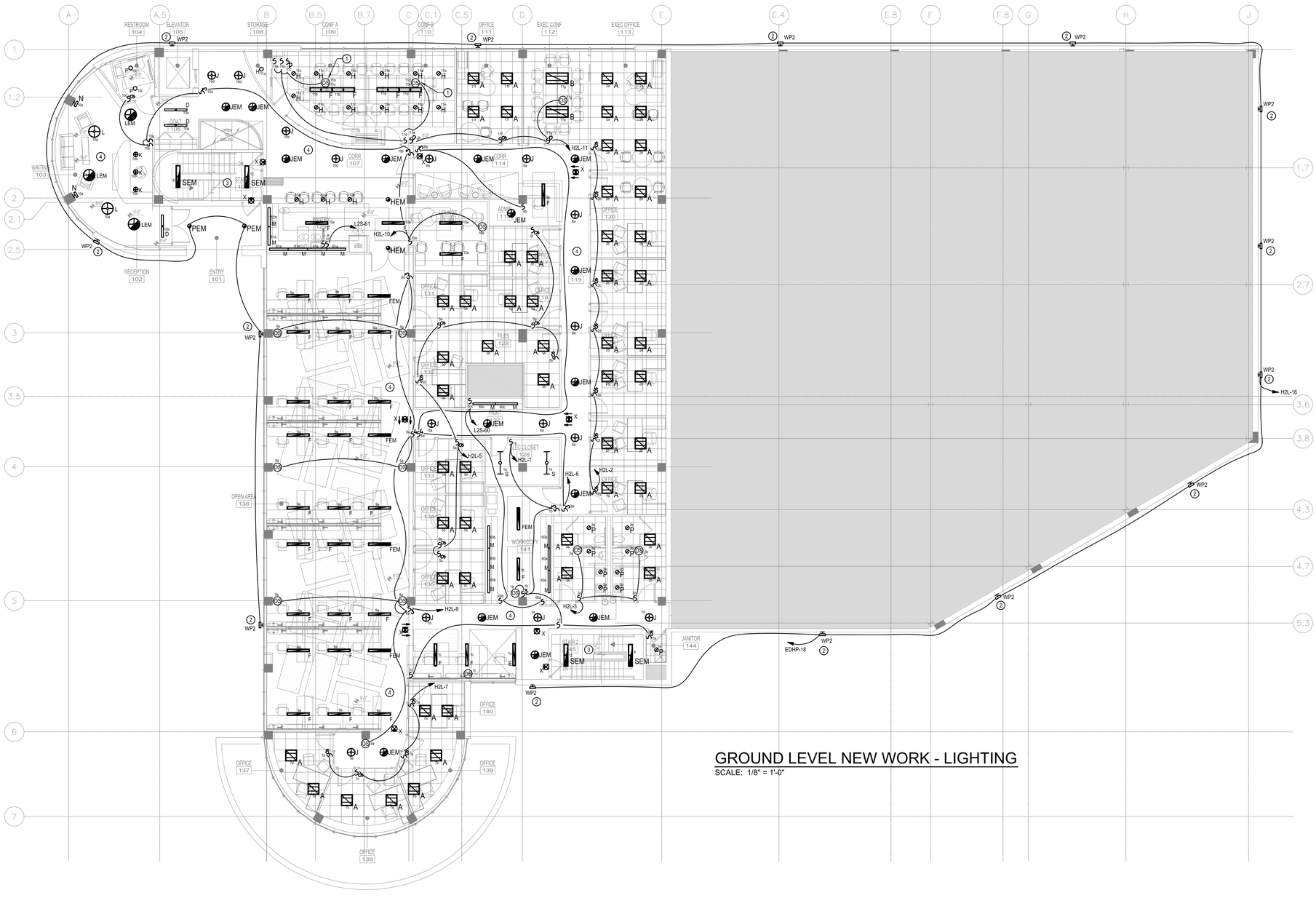
DATE _____

REGISTRATION NO.
DATE _____
ENGINEER
JVP ENGINEERS, PC

GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF REAL ESTATE SERVICES

PROJ. NO. OCT–000001–RENO
BLDG. NO. –
DATE: OCTOBER 28, 2011
SHEET 92 OF 223

1"=10' | 1"=20' | 1"=30' | 1"=40' | 1"=50' | 1'=100' | 1"=200' | 1"=400' | 3"=1'–0" | 11/2"=1'–0" | 1"=1'–0" | 3/4"=1'–0" | 1/2"=1'–0" | 3/8"=1'–0" | 1/4"=1'–0" | 3/16"=1'–0" | 1/8"=1'–0" | 3/32"=1'–0" | 1/16"=1'–0" | 1/16"=1'–0"



GROUND LEVEL NEW WORK - LIGHTING

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

NOTES:

1. PROVIDE OCCUPANCY SENSOR TO CONTROL BOTH INDICATED CIRCUIT SWITCH LEGS.
2. ROUTE EXTERIOR LIGHTING CIRCUIT CONCEALED IN WALL OR CEILING 2#10AWG + 1#10GND IN ¾" C. EXPOSED CONDUIT IS NOT ALLOWED.
3. ROUTE CONDUIT IN STAIR CONCEALED IN WALLS OR CEILING. EXPOSED CONDUITS ARE NOT ACCEPTABLE. EXCEPT MAY REUSE EXISTING EXPOSED CONDUIT ABOVE GROUND FLOOR. PROVIDE 2 CIRCUITS IN STAIRS. CONNECT FLOOR LANDINGS TO CIRCUIT EHDP-12. CONNECT INTERMEDIATE LANDINGS TO CIRCUIT EHDP-8.
4. UNLESS OTHERWISE NOTED, CONNECT ALL EGRESS LIGHTING AND EXIT SIGNS ON THIS FLOOR TO CIRCUIT EDHP-8.

DESIGNED	SNT	1	07/12/13	PM 07 - COMPLETE REVISION FOR LEED GOLD	PAH	-
DRAWN	SNT	–	10/03/12	ISSUE FOR BID	–	–
CHECKED	MPK	REVISION	DATE	DESCRIPTION	BY	APP.

CERTIFICATION

GROUND LEVEL NEW WORK – LIGHTING

OCT RELOCATION
1899 9TH STREET N.E., WASHINGTON DC

DRAWING NO.
E1.2.1

CHIEF DESIGN & ENGINEERING DIVISION
DATE

REGISTRATION NO.
DATE
ENGINEER
JVP ENGINEERS, PC

GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF REAL ESTATE SERVICES

PROJ. NO. OCT-000001-RENO
BLDG. NO. –
DATE: OCTOBER 28, 2011
SHEET 95 OF 223

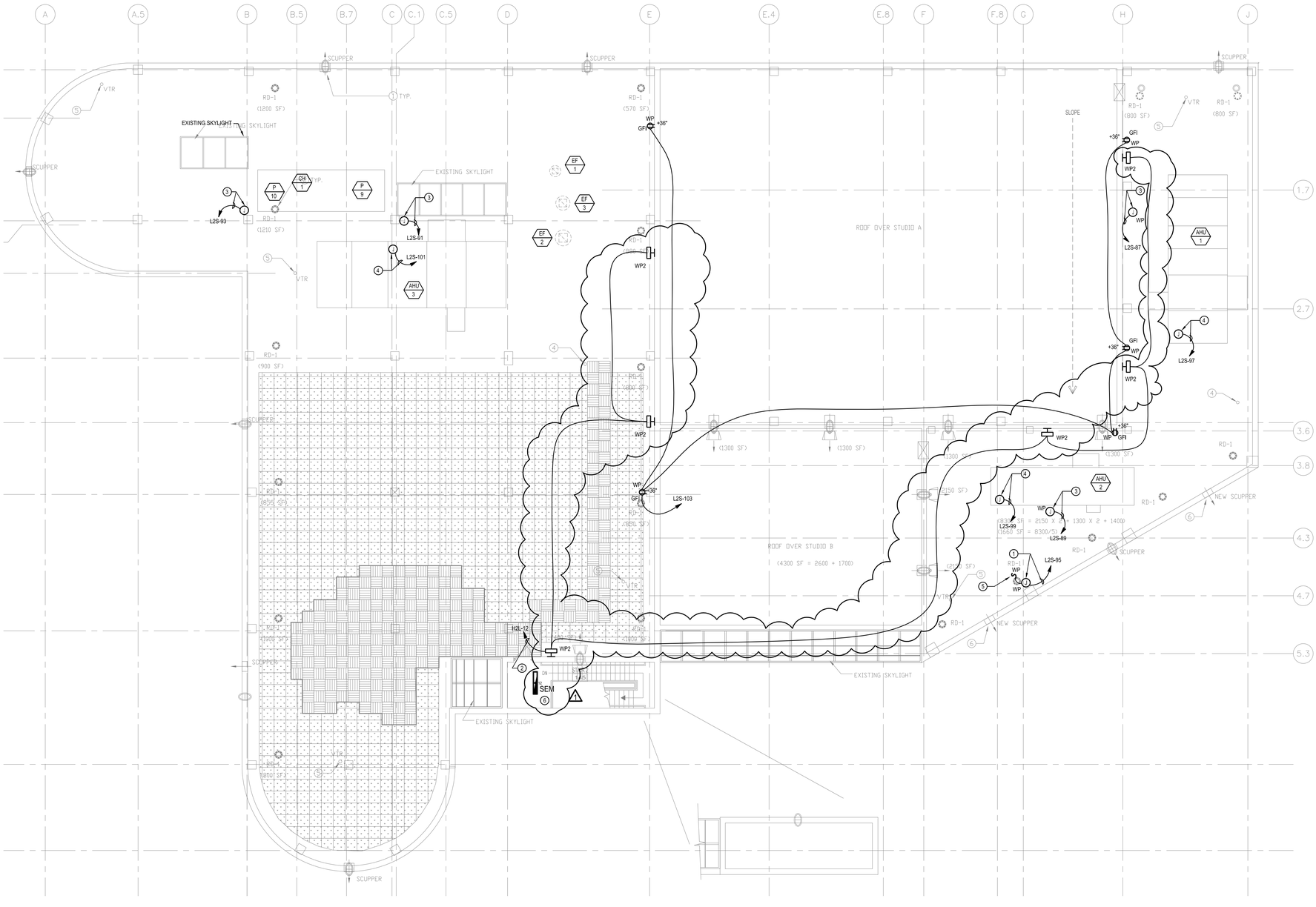
1"=10' | 1"=20' | 1"=30' | 1"=40' | 1"=50' | 1'=100' | 1"=200' | 1"=400' | 3"=1'-0" | 11/2"=1'-0" | 1"=1'-0" | 3/4"=1'-0" | 1/2"=1'-0" | 3/8"=1'-0" | 1/4"=1'-0" | 3/16"=1'-0" | 1/8"=1'-0" | 3/32"=1'-0" | 1/16"=1'-0" | 1/16"=1'-0"

GENERAL NOTES:

1. FOR MECHANICAL CONNECTIONS, SEE EQUIPMENT SCHEDULE ON DRAWING E6.02.

NOTES:

1. PROVIDE JUNCTION BOX FOR LIGHTING SIGNAGE AND CONNECT TO TIME CLOCK. SEE DETAIL 4/E5.02.
2. CONNECT ROOF LIGHTING HOME RUN THROUGH TIME CLOCK. SEE DETAIL 4/E5.02.
3. PROVIDE POWER CONNECTION FOR PIPING HEAT TRACE. COORDINATE EXACT LOCATION ON THE FIELD. 2#12AWG + 1#12GND IN ½"C.
4. PROVIDE POWER CONNECTION TO RECEPTACLE AND LIGHT FIXTURE IN AIR HANDLING UNIT. COORDINATE EXACT LOCATION WITH INSTALLER PRIOR TO ROUGH-IN. 2#12 AWG + 1#12 GND IN ½"C.
5. PROVIDE LIGHTING SWITCH WITH WEATHERPROOF ENCLOSURE FOR SIGNAGE SWITCH. COORDINATE EXACT LOCATION IN FIELD PRIOR TO INSTALLATION.
6. ABOVE GROUND FLOOR. REUSE EXISTING EXPOSED CONDUIT IN STAIR. PROVIDE 2 CIRCUITS IN STAIRS. CONNECT FLOOR LANDINGS TO CIRCUIT EHDP-12. CONNECT INTERMEDIATE LANDINGS TO CIRCUIT EHDP-8.



ROOF PLAN NEW WORK - ELECTRICAL

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

DESIGNED SNT	1	07/12/13	PM 07 - LIGHTING REVISION FOR LEED GOLD	PAH	-
DRAWN SNT/VC	–	10/03/12	ISSUE FOR BID	–	–
CHECKED MPK	REVISION	DATE	DESCRIPTION	BY	APP.

CERTIFICATION

ROOF PLAN NEW WORK – ELECTRICAL

OCT RELOCATION
1899 9TH STREET N.E., WASHINGTON DC

DRAWING NO. E1.3.1

CHIEF DESIGN & ENGINEERING DIVISION

REGISTRATION NO.
DATE

ENGINEER

JVP ENGINEERS, PC

GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF REAL ESTATE SERVICES

PROJ. NO. OCT-000001-RENO
BLDG. NO. –
DATE: OCTOBER 28, 2011
SHEET 98 OF 223

1"=10' | 1"=20' | 1"=30' | 1"=40' | 1"=50' | 1'=100' | 1"=200' | 1"=400' | 3"=1'-0" | 11/2"=1'-0" | 1"=1'-0" | 3/4"=1'-0" | 1/2"=1'-0" | 3/8"=1'-0" | 1/4"=1'-0" | 3/16"=1'-0" | 1/8"=1'-0" | 3/32"=1'-0" | 1/16"=1'-0" | 1/16"=1'-0"

MECHANICAL EQUIPMENT SCHEDULE

TAG	DESCRIPTION	EQUIP. LOADS HP, FULL LOAD AMPS	VOLTS	Ø	MOTOR CONTROLLERS STARTER NEMA SIZES	MOTOR CONTROLLERS MOTOR STARTERS	DISCONNECT SWITCHES SWITCH SIZES (A)	DISCONNECT SWITCHES VOLTAGE (V)	DISCONNECT SWITCHES FUSE (A)	DISCONNECT SWITCHES ENCLOSURE	FEEDER SIZES	PANELBOARD	LOCATION	REMARKS
AHU 1	AIR HANDLING UNIT # 1	40HP (SUPPLY) 20HP (RETURN)	480	3	4 3	SOLID STATE DRIVE	100 60	480	70 40	NEMA 3R NEMA 3R	3# 4AWG + 1# 8GND IN 1"C 3# 8AWG + 1# 10GND IN 1"C	DPM - 1,3,5 DPM - 7,9,11	-	-
AHU 2	AIR HANDLING UNIT # 2	15HP (SUPPLY) 7.5HP (RETURN)	480	3	2 1	SOLID STATE DRIVE	30 30	480	30 15	NEMA 3R NEMA 3R	3# 8AWG + 1# 10GND IN 1"C 3# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	DPM - 13,15,17 DPM - 19,21,23	-	-
AHU 3	AIR HANDLING UNIT # 3	60HP (SUPPLY) 30HP (RETURN)	480	3	-	- -	100 60	480	100 50	NEMA 3R NEMA 3R	3# 1AWG + 1# 6GND IN $1\frac{1}{2}$"C 3# 6AWG + 1# 10GND IN 1"C	DPM - 25,27,29 DPM - 31,33,35	-	VFD STARTER FURNISHED WITH EQUIPMENT
CH 1	CHILLER # 1	328 KW	480	3	-	-	800	480	650	NEMA 3R	2 SETS OF (3# 400KCMIL + 1# 1/0GND IN 3"C.)	SDHM - 2,4,6	-	VFD STARTER FURNISHED WITH EQUIPMENT
BOILER 1	BOILER # 1	12 FLA	120	1	-	-	30	250	15	NEMA 1	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1G - 10	-	STARTER AND SWITCH FURNISHED WITH EQUIPMENT
BOILER 2	BOILER # 2	12 FLA	120	1	-	-	30	250	15	NEMA 1	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1G - 14		STARTER AND SWITCH FURNISHED WITH EQUIPMENT
BOILER 3	NOT USED	11 FLA	120	1	-	-	30	250	15	NEMA 1	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1G - 18		STARTER AND SWITCH FURNISHED WITH EQUIPMENT
FCU 1	FAN COIL UNIT # 1	½ HP	120	1	-	-	-	-	-	-	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1S - 57		STARTER AND SWITCH FURNISHED WITH EQUIPMENT
FCU 2	FAN COIL UNIT # 2	½ HP	120	3	-	-	-	-	-	-	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1S - 56	-	STARTER AND SWITCH FURNISHED WITH EQUIPMENT
FCU 3	FAN COIL UNIT # 3	½ HP	120	3	-	-	-	-	-	-	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1S - 56	-	STARTER AND SWITCH FURNISHED WITH EQUIPMENT
FCU 4	FAN COIL UNIT # 4	½ HP	120	3	-	-	-	-	-	-	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1S - 56	-	STARTER AND SWITCH FURNISHED WITH EQUIPMENT
FCU 5	FAN COIL UNIT # 5	1 $\frac{1}{2}$ HP	480	3	0	SOLID STATE DRIVE	30	480	5	NEMA 1	3# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	MDPM - 37,39,41	-	-
FCU 6	FAN COIL UNIT # 6	1 $\frac{1}{2}$ HP	480	3	0	SOLID STATE DRIVE	30	480	5	NEMA 1	3# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	MDPM - 32,34,36	-	-
FCU 7	FAN COIL UNIT # 7	½ HP	120	1	-	-	-	-	-	-	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1S - 58	-	STARTER AND SWITCH FURNISHED WITH EQUIPMENT
FCU 8	FAN COIL UNIT # 8	2 HP	480	3	0	SOLID STATE DRIVE	30	480	5	NEMA 1	3# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	MDPM - 32,34,36	-	-
FCU 9	FAN COIL UNIT # 9	123 W	120	1	-	-	-	-	-	-	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1S - 59	-	STARTER AND SWITCH FURNISHED WITH EQUIPMENT
FCU 10	FAN COIL UNIT # 10	123 W	120	1	-	-	-	-	-	-	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1S - 59	-	STARTER AND SWITCH FURNISHED WITH EQUIPMENT
FCU 11	FAN COIL UNIT # 11	123 W	120	1	-	-	-	-	-	-	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1S - 59	-	STARTER AND SWITCH FURNISHED WITH EQUIPMENT
FCU 12	FAN COIL UNIT # 12	123W	120	1	-	-	-	-	-	-	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1S - 59	-	STARTER AND SWITCH FURNISHED WITH EQUIPMENT
RAC 1	COMPUTER ROOM AIR CONDITIONING UNIT # 1	7.5 HP 25 KW	480	3	1	SOLID STATE DRIVE	30 60	480	15 40	NEMA 1 NEMA 1	3# 12AWG + 1# 12GND IN $\frac{3}{4}$"C 3# 8AWG + 1# 10GND IN $\frac{3}{4}$" C.	SDHM - 7,9,11 MDPM - 14,16,18	-	-
RAC 2	COMPUTER ROOM AIR CONDITIONING UNIT # 2	7.5 HP 25 KW	480	3	1	SOLID STATE DRIVE	30 60	480	15 40	NEMA 1 NEMA 1	3# 12AWG + 1# 12GND IN $\frac{3}{4}$"C 3# 8AWG + 1# 10GND IN $\frac{3}{4}$" C.	SDHM - 13,15,17 MDPM - 20,22,24	-	-
RAC 3	COMPUTER ROOM AIR CONDITIONING UNIT # 3	5 HP 15 KW	480	3	1	SOLID STATE DRIVE	30 60	480	10 25	NEMA 1 NEMA 1	3# 12AWG + 1# 12 GND IN $\frac{3}{4}$"C 3# 10AWG + 1#10 GND IN $\frac{3}{4}$" C.	SDHM - 19,21,23 MDPM - 26,28,30	-	-
ESP 1	ELEVATOR SUMP PUMP # 1	½ HP	120	1	-	-	MOTOR RATED SWITCH	- -	- -	NEMA 1	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1S - 51	-	CONTROL PANEL FURNISHED WITH EQUIPMENT
SEP 1	SEWAGE EJECTOR PUMP # 2	3 HP	480	3	-	-	30	480	6	NEMA 3R	3# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	SDHM - 20,22,24	-	CONTROL PANEL FURNISHED WITH EQUIPMENT
EF 1	EXHAUST FAN # 1	½ HP	120	1	-	-	MOTOR RATED SWITCH	125	-	NEMA 3R	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1S - 53		-
EF 2	EXAUST FAN # 2	½ HP	480	3	0	SOLID STATE DRIVE	30	480	3	NEMA 3R	3# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1S - 55		-
EF 3	EXHAUST FAN # 3	½ HP	120	1	-	-	MOTOR RATED SWITCH	125	-	NEMA 3R	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	DPM - 8,10,12	-	-
EF 4	EXHAUST FAN # 4	818 W	120	1	-	-	MOTOR RATED SWITCH	125	-	NEMA 1	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	SDLM - 8	-	CONNECT TO EMERGENCY POWER
SF 1	SUPPLY FAN # 1	½ HP	480	3	0	SOLID STATE DRIVE	30	480	3	NEMA 1	3# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	MDPM - 8,10,12	-	-
EWH 1	ELECTRIC WATER HEATER TANK # 1	1 KW	120	1	-	-	30	250	12	NEMA 1	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L2S - 86	-	-
EWH 2	ELECTRIC WATER HEATER TANK # 2	1 KW	120	1	-	-	30	250	12	NEMA 1	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L2S - 92	-	-
EWH 3	ELECTRIC WATER HEATER TANK # 3	4.5 KW	208	1	-	-	30	250	30	NEMA 1	2# 10AWG + 1# 10GND IN $\frac{3}{4}$"C	L2S - 88,80	-	-
EWH 4	ELECTRIC WATER HEATER TANK # 4	6 KW	208	1	-	-	60	250	40	NEMA 1	2# 8AWG + 1# 10GND IN $\frac{3}{4}$"C	L1S - 47,49	-	-
EWH 5	ELECTRIC WATER HEATER TANK # 5	24 KW	480	3	-	-	60	480	40	NEMA 1	3# 8AWG + 1# 10GND IN $\frac{3}{4}$"C	SDHM - 32,34,36	-	-
P 1	PUMP # 1	1 $\frac{1}{2}$ HP	480	3	1	SOLID STATE DRIVE	30	480	5	NEMA 1	3# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	MDPM - 25,27,29	-	STARTER FURNISHED WITH PUMP
P 2	PUMP # 2	1 $\frac{1}{2}$ HP	480	3	1	SOLID STATE DRIVE	30	480	5	NEMA 1	3# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	SDHM - 25,27,29	-	STARTER FURNISHED WITH PUMP
P 3	PUMP # 3	¾ HP	480	3	-	-	30	480	3	NEMA 1	3# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	MDPM - 1,3,5	-	STARTER FURNISHED WITH PUMP
P 4	PUMP # 4	1½ HP	480	3	-	-	30	480	4	NEMA 1	3# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	MDPM - 7,9,11	-	STARTER FURNISHED WITH PUMP
P 5	PUMP # 5	½ HP	120	1	-	-	MOTOR RATED SWITCH	-	-	-	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1G - 8	-	STARTER FURNISHED WITH PUMP
P 6	PUMP # 6	½ HP	120	1	-	-	MOTOR RATED SWITCH	-	-	-	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1G - 20	-	STARTER FURNISHED WITH PUMP
P 7	PUMP # 7	½ HP	120	1	-	-	MOTOR RATED SWITCH	-	-	-	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1G - 22	-	STARTER FURNISHED WITH PUMP
P 8	PUMP # 8	½ HP	120	1	-	-	MOTOR RATED SWITCH	-	-	-	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1G - 24	-	STARTER FURNISHED WITH PUMP
P 9	PUMP # 9	7 $\frac{1}{2}$ HP	480	3	-	VFD	30	480	15	NEMA 3R	3# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	SDHM - 8,10,12	-	-
P 10	PUMP # 10	7 $\frac{1}{2}$ HP	480	3	-	VFD	30	480	15	NEMA 3R	3# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	SDHM - 14,16,18	-	-
P 11	PUMP # 11	2 HP	480	3	-	-	30	480	5	NEMA 1	3# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	DPM - 2,4,6	-	STARTER FURNISHED WITH PUMP
P 12	PUMP # 12	¾" HP	480	3	-	-	30	480	3	NEMA 1	3# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	DPM - 26,28,30	-	-
P 13	PUMP # 13	2 HP	480	3	-	-	30	480	5	NEMA 1	3# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	MDPM - 19,21,23	-	STARTER FURNISHED WITH PUMP
P 14	PUMP # 14	2 HP	480	3	-	-	30	480	5	NEMA 1	3# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	MDPM - 13,15,17	-	STARTER FURNISHED WITH PUMP
P 15	PUMP # 15	¼ HP	120	1	-	-	MOTOR RATED SWITCH	-	-	-	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1S - 46		STARTER FURNISHED WITH PUMP
P 15A	PUMP # 15A	½ HP	120	1	-	-	MOTOR RATED SWITCH	-	-	-	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	SDLM - 8		STARTER FURNISHED WITH PUMP
P 16	PUMP # 16	¼ HP	480	3	-	-	-	-	-	-	3# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	DPM - 14,16,18	-	STARTER FURNISHED WITH PUMP
P 17	PUMP # 17	½ HP	120	1	-	-	-	-	-	-	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1S - 60		STARTER FURNISHED WITH PUMP
P 18	PUMP # 18	1 HP	480	3	-	-	30	480	4	NEMA 1	3# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	DPM - 20,22,24		STARTER FURNISHED WITH PUMP
ATPV 1	AUTOMATIC TRAP PRIME VALVE	10 FLA	120	1	-	-	MOTOR RATED SWITCH	125	-	-	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1S - 43		-
ATPV 2	AUTOMATIC TRAP PRIME VALVE	10 FLA	120	1	-	-	MOTOR RATED SWITCH	125	-	-	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1S - 45		-
CHLR 1	SMALL CHILLER ABOVE CEILING	6.0 FLA	120	1	-	-	MOTOR RATED SWITCH	125	-	-	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1S - 50	-	-
UH 1	UNIT HEATER #1	⅓ HP	120	1	0	SOLID STATE DRIVE	MOTOR RATED SWITCH	125	-	-	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1S-52	-	-
UH 2	UNIT HEATER #2	⅓ HP	120	1	-	SOLID STATE DRIVE	MOTOR RATED SWITCH	125	-	-	2# 12AWG + 1# 12GND IN $\frac{3}{4}$"C	L1S-54	-	-

LIGHTING FIXTURE SCHEDULE

TYPE	AVAILABLE PRODUCTS	DESCRIPTION	LAMPS	COLOR	VOLTS	WATTS	EM. LUMENS	REMARKS
A AEM	CREE CR22-32L-30K OR APPROVED EQUAL	2X2 LED DIRECT/INDIRECT TROFFER	LED 3200 Lm	3000K CRI 85	120-277	1 @ 32.6W		TYPE AEM CONNECT TO EMER CIRCUIT
B	CREE CR24-40LHE-35K OR APPROVED EQUAL	2X4 LED DIRECT/INDIRECT TROFFER	LED 4000 Lm	3500K CRI 92	120-277	1 @ 36W		
C	CREE CR24-22L-35K OR APPROVED EQUAL	2X4 LED DIRECT/INDIRECT TROFFER	LED 2200 Lm	3500K CRI 92	120-277	1 @ 22W		
D	AXIS BEAM2 BDR-S-4-T5-1 OR APPROVED EQUAL	RECESSED 4' LINEAR T5 WITH SATIN LENS	(1) 28T5 LOW Hg CONTENT	3500K CRI 85	277	1 @ 31W		
E	DECO IKARUS I 1-54 OR APPROVED EQUAL	WALL-MOUNTED DIRECT/INDIRECT	(1) 54T5HO LOW Hg CONTENT	3500K CRI 85	277	1 @ 65W		
EXB	DECO D309-LED-43-25-50-UNV-BL-PC OR APPROVED EQUAL	FLAT TOP, CLEAR BOLLARD, BLACK FINISH, PHOTOCELL	LED	5000K CRI 80+	120-277V	1 @ 25W		PHOTOCELL OPTION IS AVAILABLE
EXF	DECO D211-LED-60-50-UNV-BL-PC OR APPROVED EQUAL	MEDIUM, ROUND BACK FLOOD, BLACK FINISH, PHOTOCELL	LED	5000K CRI 80+	120-277V	1 @ 60W		
EXP	EXTERIOR POLE	REFURBISH EXISTING						PROVIDE NEW PHOTOCELL CONTROL
EXW	DECO D418-LED-20-50-UNV-BL-PC OR APPROVED EQUAL	LOUVERED WALLPACK, BLACK FINISH, PHOTOCELL	LED	5000K CRI 80+	120-277V	1 @ 20W		
F FEM	DECO EVIAN 3-28 OR APPROVED EQUAL	PENDANT DIRECT/INDIRECT	(3) 28T5 LOW Hg CONTENT	3500K CRI 85	277	1 @ 78.9W		TYPE FEM CONNECT TO EMER CIRCUIT
H HEM	LITON LHALD625 OR APPROVED EQUAL	6" LED DOWNLIGHT, SATIN REFLECTOR, WHITE FLANGE, 0-10 V 10% DIMMABLE DRIVER	LED 2000 Lm	3000K CRI 80+	277	1 @ 30W		TYPE HEM CONNECT TO EMER CIRCUIT
J JEM	LIGHTOLIER OPTIMO R01L16 OR APPROVED EQUAL	16" TAPERED ROUND DECORATIVE LENSED PENDANT LED LUMINAIRE	LED 1022 Lm	3500K CRI 80+	120	1 @ 33W	-	TYPE JEM CONNECT TO EMER CIRCUIT SEE ARCH MOUNTING DETAIL
K	EUREKA 4204B CALANDO OR APPROVED EQUAL	PENDANT DECORATIVE LUMINAIRE	(1) CFL 26W LOW Hg CONTENT	3500K CRI 85	277	1 @ 26W	-	
L LEM	EUREKA 4452 KOLOKOL OR APPROVED EQUAL	PENDANT DECORATIVE LUMINAIRE	(1) CFL 26W LOW Hg CONTENT	3500K CRI 85	277	1 @ 26W	-	TYPE LEM CONNECT TO EMER CIRCUIT
M	ALKO ARIS 41-301-120 OR APPROVED EQUAL	120V UNDERCABINET LED TASK LIGHT	LED		120	1 @ 20.8W	-	
N	EUREKA 3600A5 QUADRETTO OR APPROVED EQUAL	SCONCE	(2) CFL 18W LOW Hg CONTENT	3500K CRI 85	277	1 @ 54W	-	
O	DAY-BRITE 5F254HO-PPS OR APPROVED EQUAL	4' FLUORESCENT INDUSTRIAL STRIP	(2) F54T5HO LOW Hg CONTENT	3500K CRI 85	277	1 @ 111W	-	TYPE OEM CONNECT TO EMER CIRCUIT
P PEM	LIGHTOLIER 8091CCLW OR APPROVED EQUAL	8" CFL DOWNLIGHT, CLEAR LENS, WET/DAMP LOCATION	(1) CFL 32W LOW Hg CONTENT	3500K CRI 85	277	1 @ 35W	-	TYPE PEM CONNECT TO EMER CIRCUIT
Q	THOMAS VANITY STRIP OR APPROVED EQUAL	8-LIGHT BATH VANITY IN BRUSHED NICKEL FINISH	(8) 60W G25 INCANDESCENT		120	1 @ 480W	-	FOR GREEN ROOM MAKE-UP/HAIR
R	LITON LTD8014W-B45 WITH LP303 ACCESSORIES HOLDER AND LP922 BARN DOOR SHUTTERS OR APPROVED EQUAL	120V 4" LED STUDIO TRACK HEAD, BASIC REFLECTOR NARROW FLOOD, FOR 1 CIRCUIT TRACK CHANNEL MOUNTING	LED 650 Lm	3000K CRI 80+	120	1 @ 14W	-	
S SEM	HUBBELL COLUMBIA WC4-228 OR APPROVED EQUAL	4' LENSED WRAPAROUND	(2) 28T5 LOW Hg CONTENT	3500K CRI 85	277	1 @ 56	-	TYPE SEM CONNECT TO EMER CIRCUIT
WPE	DECO D406-LED-60-50-UNV OR APPROVED EQUAL	60W LED SLIMLINE WALL PACK, STANDARD FINISH, WET LOCATION	LED	5000K CRI 80+	120-277V	1 @ 60W	-	FOR ELEVATOR PIT
WP1	DECO D420-LED-30-50-UNV-BL-PC OR APPROVED EQUAL	LARGE TRAPEZOIDAL CUTOFF 30W LED WALLPACK, BLACK FINISH, PHOTOCELL, WET LOCATION	LED	5000K CRI 80+	120-277V	1 @ 30W	-	
WP2	DECO D403-LED-60-50-UNV-BL-PC OR APPROVED EQUAL	LARGE CURVED SEMI-CUTOFF 60W LED WALLPACK, BLACK FINISH, PHOTOCELL, WET LOCATION	LED	5000K CRI 80+	120-277V	1 @ 60W	-	
X	H. E. WILLIAMS EXIT/EL SERIES LIGHTOLIER LU SERIES HUBBELL DUAL-LITE LE OR LES SERIES COOPER SURE-LITES ES OR ELX SERIES	EDGE LIT LED EXIT SIGN, MIRRORED PANEL, ALUMINUM OR BLACK TRIM, SELF-POWERED, NiCd BATTERY, SELF DIAGNOSTIC	LED	RED	120/277	< 5W CHARGING	-	PROVIDE FACES AND DIRECTION CHEVRONS AS INDICATED ON DWGS

3

REVISION	DATE	DESCRIPTION	BY	APP.
3	07/12/13	PM 07 - LIGHTING REVISION FOR LEED GOLD	PAH	-
2	11/12/12	BID REVISIONS	-	-
–	10/03/12	ISSUE FOR BID	–	–

DESIGNED SNT
DRAWN SNT
CHECKED MPK

CERTIFICATION

LUMINAIRE AND MECHANICAL EQUIPMENT SCHEDULE

OCT RELOCATION
1899 9TH STREET N.E., WASHINGTON DC

DRAWING NO.
E6.02

CHIEF DESIGN & ENGINEERING DIVISION
DATE _____

REGISTRATION NO.
DATE _____
ENGINEER
JVP ENGINEERS, PC

GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF REAL ESTATE SERVICES

PROJ. NO. OCT–000001–RENO
BLDG. NO. –
DATE: OCTOBER 28, 2011
SHEET 104 OF 223

1"=10' 1"=20' 1"=30' 1"=40' 1"=50' 1'=100' 1"=200' 1"=400' 3"=1'–0" 11/2"=1'–0" 1"=1'–0" 3/4"=1'–0" 1/2"=1'–0" 3/8"=1'–0" 1/4"=1'–0" 3/16"=1'–0" 1/8"=1'–0" 3/32"=1'–0" 1/16"=1'–0" 1/16"=1'–0"