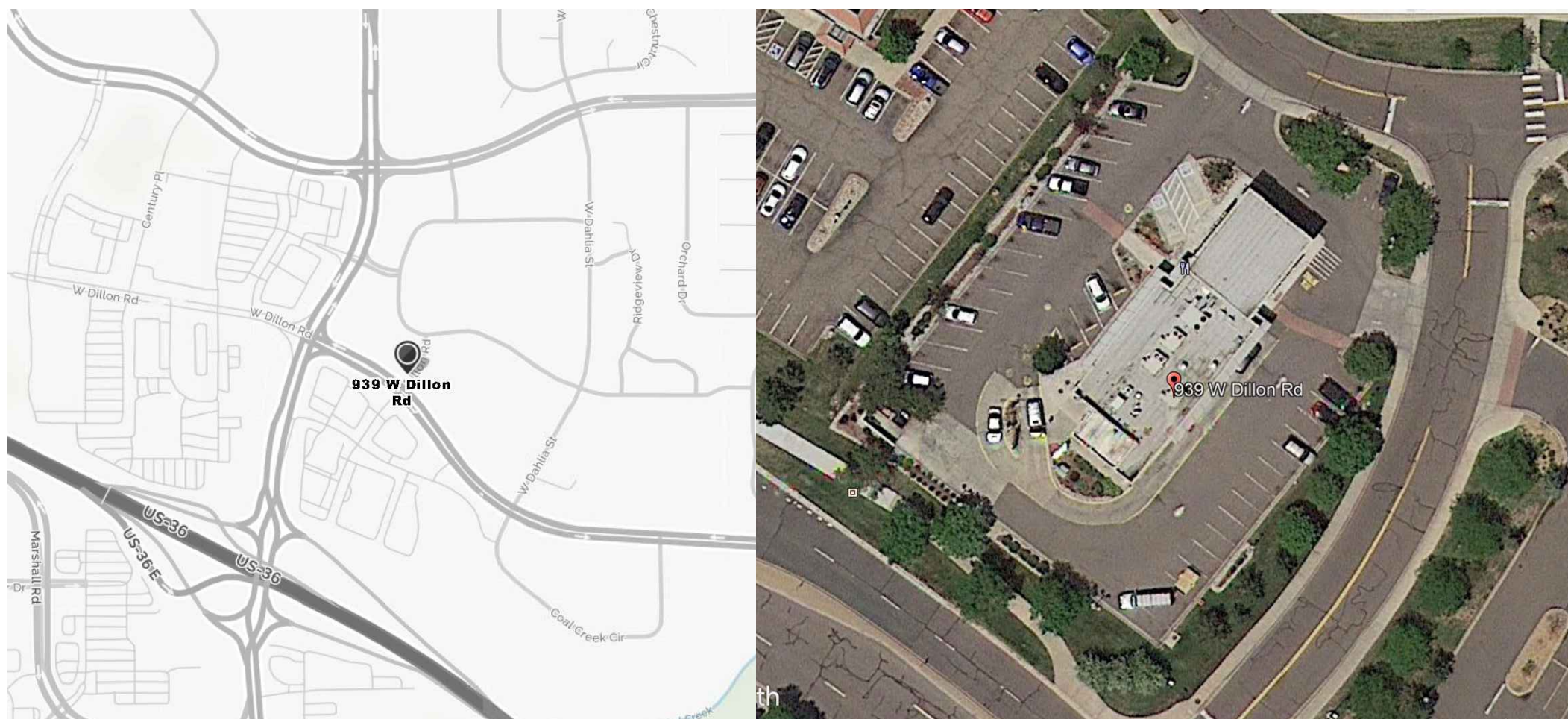


MCDONALDS PUD AMENDMENT #5
LOT 4, CENTENNIAL VALLEY, PARCEL "O" FILING NO. 5,
AMENDED FINAL P.U.D
STORE #50-0294
939 W. DILLON ROAD
LOUISVILLE, COLORADO



VICINITY MAP

AERIAL LOCATION MAP

SCOPE OF WORK

"EXISTING" RESTAURANT MAJOR REMODEL
939 W DILLON RD,
LOUISVILLE, CO 80027
PROVIDED FOR THE ROCKY MOUNTAIN REGION

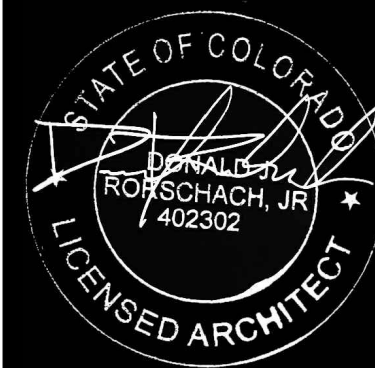
PROPOSED WORK:
ADDITION OF NEW EXTERIOR AND SIGHT LIGHTING TO COMPLY WITH
THE ADOPTED GUIDELINES OF THE INTERNATIONAL DARK SKY
ASSOCIATION.

BUILDING EXTERIOR: CANOPY DOWN LIGHTS, CANOPY LEDS, AND WALL SCONCES PROPOSED SHALL COMPLY WITH A COLOR TEMPERATURE OF 3000K OR LESS.

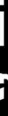
SITE LIGHTING: ALL EXISTING LIGHT POLE LOCATIONS TO REMAIN AS IS. TO MEET MCDONALD'S UNIFORMITY REQUIREMENTS, THERE IS A PROPOSED ADDITION OF ONE NEW LIGHT POLE PLAN NORTH OF THE BUILDING.

DRAWING SHEET INDEX

1 OF 7	TITLE SHEET
2 OF 7	NEW EXTERIOR ELEVATIONS
3 OF 7	ELECTRICAL NOTES & DETAILS
4 OF 7	ELECTRICAL POWER PLAN
5 OF 7	ELECTRICAL LIGHTING PLAN
6 OF 7	EXTERIOR LIGHTING SPECIFICATIONS
7 OF 7	PHOTOMETRIC PLAN BY SECURITY LIGHTING



513 MAIN STREET, SUITE 300
FORT WORTH, TEXAS 76102
817.820.0433 o 817.705.3387 c



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PROJECT NAME	MCDONALD'S MAJOR REMODEL		
DESCRIPTION	EXISTING 2X4 WOOD WALL FRAMING EXISTING WOOD ROOF FRAMING MEMBERS		
SITE ID	SITE ADDRESS	SIGNED	
005-0294	939 W DILLON RD, LOUISVILLE, CO 80027	DONNY RORSCHACH ARCHITECT PROTOTYPE ISSUE DATE 2016 REVIEWED MRR FIRST ISSUE DATE 10/29/2018	

CLERK AND RECORDERS CERTIFICATE

(COUNTY OF BOULDER, STATE OF COLORADO)

I CERTIFY THAT THIS INSTRUMENT WAS FILED IN MY OFFICE AT ____ O'CLOCK ____ M. THIS ____ DAY OF ____, 2021.

AND IS RECORDED IN PLAN FILE _____, FEE _____ PAID _____ FILM NO. _____ RECEPTION _____

CLERK & RECORDER

DEPUTY _____

OWNERSHIP SIGNATURE BLOCK

BY SIGNING THIS PUD AMENDMENT, THE OWNER ACKNOWLEDGES AND ACCEPTS ALL THE REQUIREMENTS AND INTENT SET FORTH IN THIS PUD AMENDMENT.

WITNESS OUR HAND(S) AND SEAL(S) THIS DAY _____ OF _____ 2021

OWNER NAME AND SIGNATURE _____ (NOTARY SEAL)

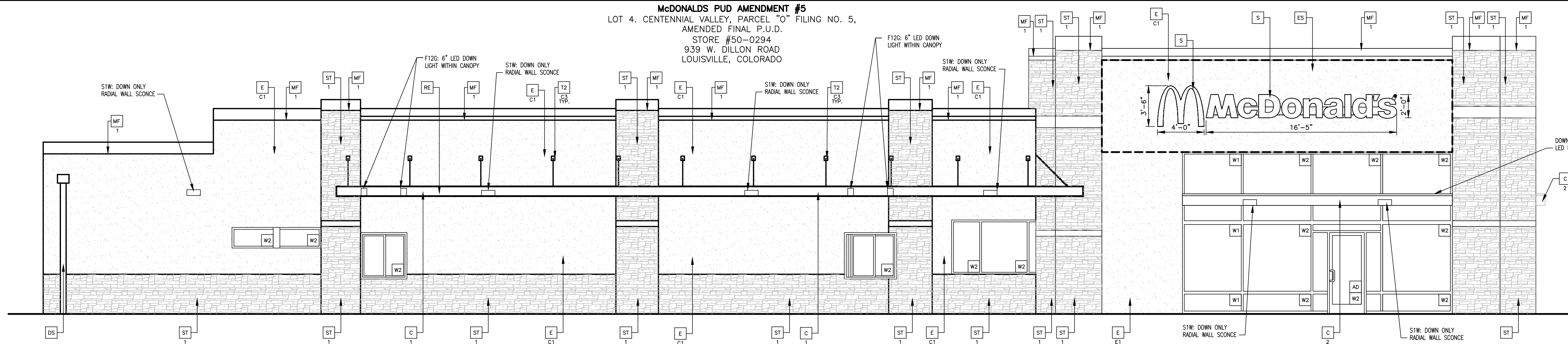
NOTARY NAME (PRINT)

NOTARY SIGNATURE

MY COMMISSION
EXPIRES _____

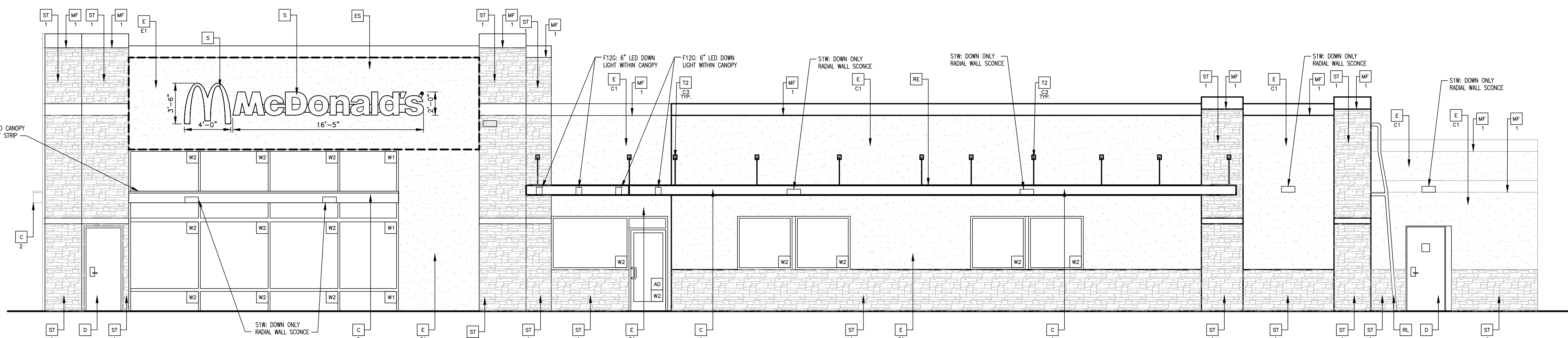
McDONALD'S PUD AMENDMENT #5
LOT 4, CENTENNIAL VALLEY, PARCEL "O" FILING NO. 5,
AMENDED FINAL P.U.D.,
STORE #50-0294
939 W. DILLON ROAD
LOUISVILLE, COLORADO

- T/PLAYPLACE PARAPET
ELEV. + 23'-10 1/2"
- T/PARAPET
ELEV. + 17'-10 1/4"
- T/STORFRONT
ELEV. + 13'-11"
- B/CANOPY/TRELLIS
ELEV. + 9'-4"
- T/STORFRONT
ELEV. + 3'-7"
- T/SLAB
ELEV. + 0'-0"



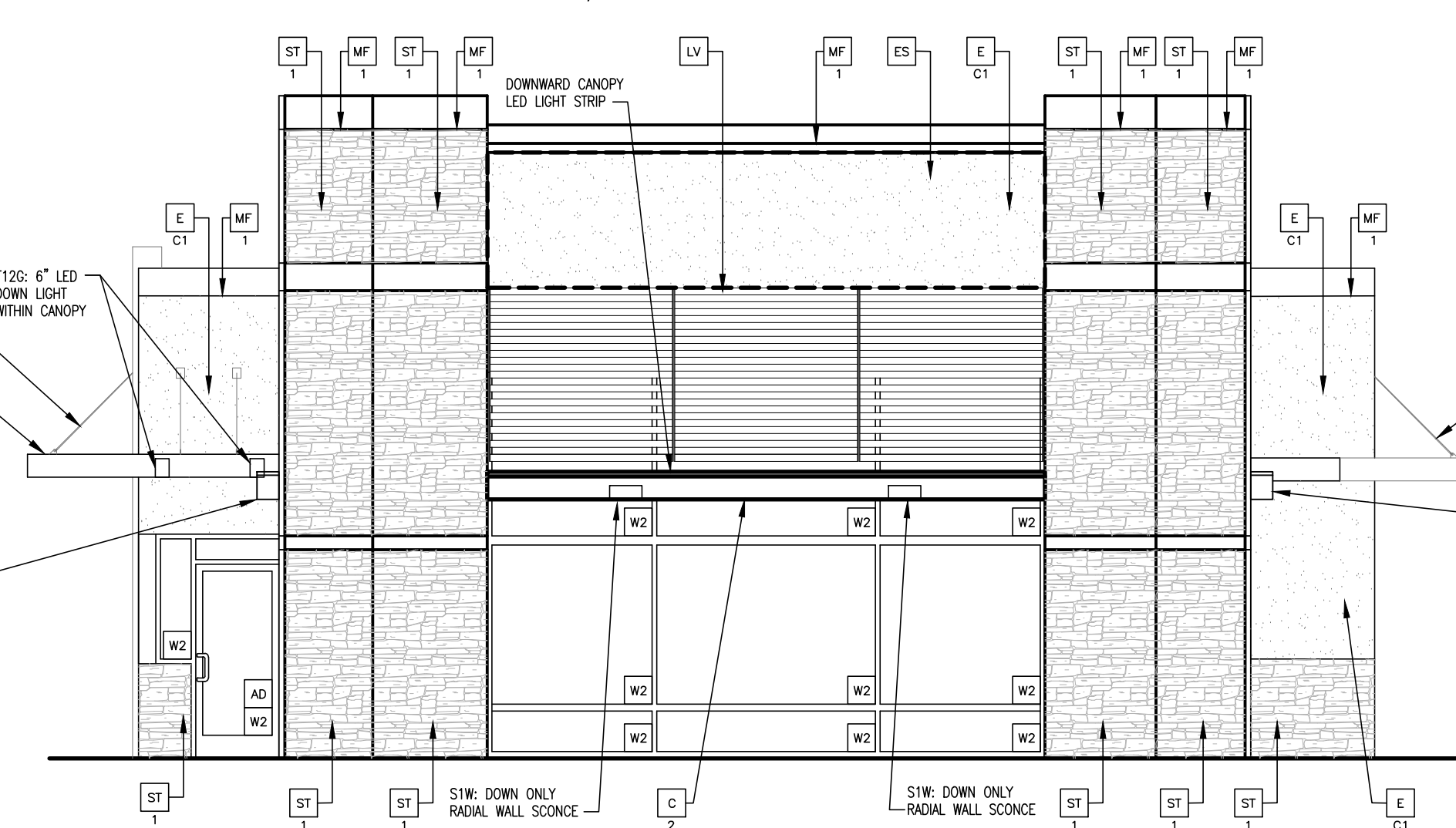
1 EAST ELEVATION SCALE 3/16" = 1'-0"

- T/PLAYPLACE PARAPET
ELEV. + 23'-10 1/2"
- T/PARAPET
ELEV. + 17'-10 1/4"
- T/STORFRONT
ELEV. + 13'-11"
- B/CANOPY/TRELLIS
ELEV. + 9'-4"
- T/STORFRONT
ELEV. + 3'-7"
- T/SLAB
ELEV. + 0'-0"



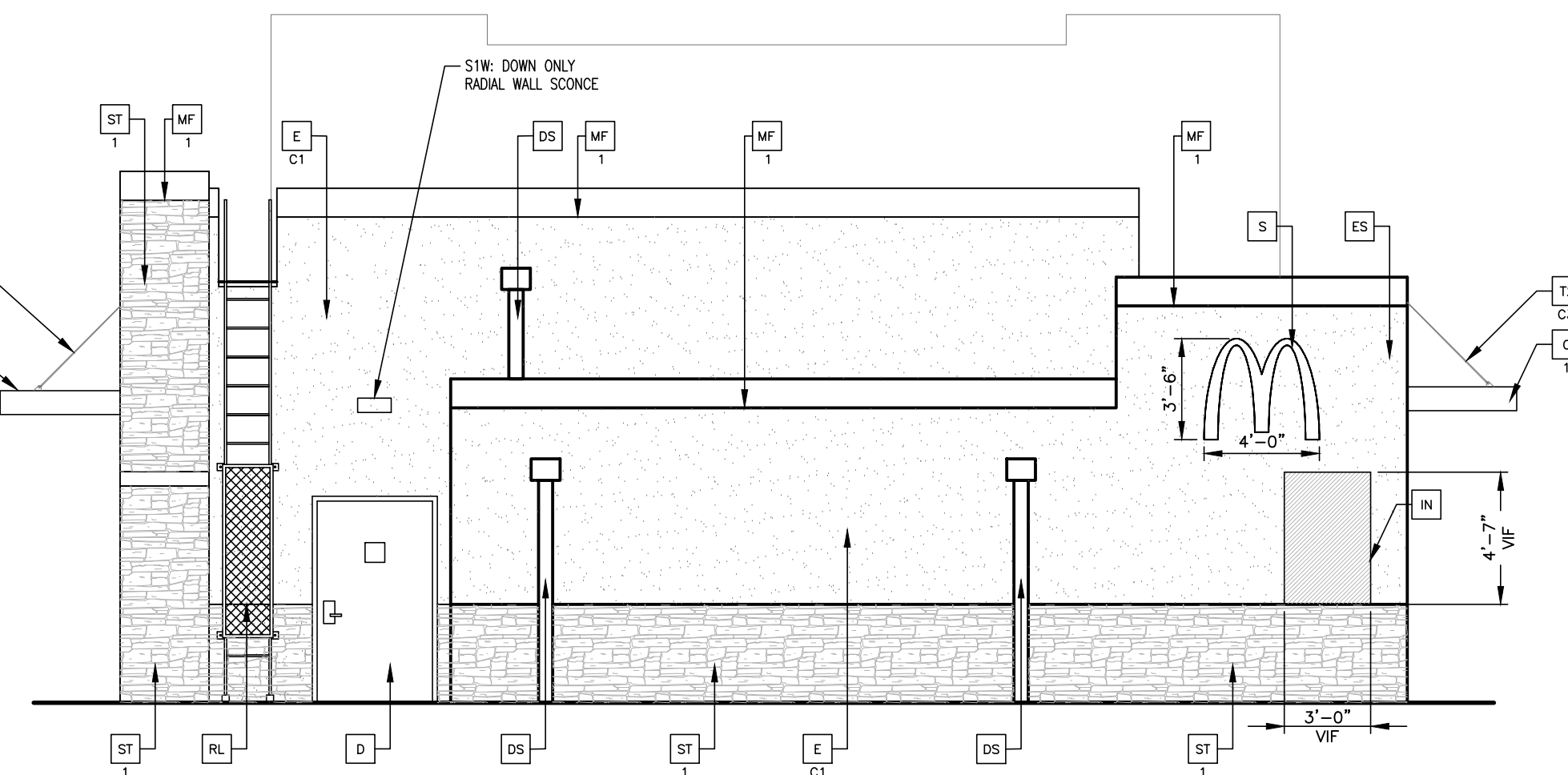
2 WEST ELEVATION SCALE 3/16" = 1'-0"

- T/PLAYPLACE PARAPET
ELEV. + 23'-10 1/2"
- T/PARAPET
ELEV. + 17'-10 1/4"
- T/STORFRONT
ELEV. + 13'-11"
- B/CANOPY/TRELLIS
ELEV. + 9'-4"
- T/SLAB
ELEV. + 0'-0"



3 NORTH ELEVATION SCALE 3/16" = 1'-0"

- T/PARAPET
ELEV. + 17'-10 1/4"
- T/BRAND WALL
ELEV. + 14'-9 1/4"
- T/SLAB
ELEV. + 0'-0"



4 SOUTH ELEVATION SCALE 3/16" = 1'-0"

- D HOLLOW METAL DOOR PAINT TO MATCH COLOR OF SURROUNDING MATERIAL
- DS EXISTING MTL CUTTER AND DOWN SPOUTS. (G.C. TO VERIFY DRAINING PROPERLY.) PAINT TO MATCH BUILDING
- LV METAL LOUVER PANEL BY TRELLIS VENDOR COLOR: CITYSCAPE
- E EXTERIOR INSULATION FINISH SYSTEM (E.I.F.S.) 'OUTSULATION PLUS MD' BY DRYVIT OR EQUAL HIGH IMPACT ZONES: 'PANZER 20' ULTRA HIGH IMPACT MESH ASSEMBLY FOR EIFS AREAS WITHIN 8'-0" OF GRADE FINISH: HYDROPHOBIC TEXTURE: SANDPEBBLE
- COLOR: STATOTONE HIGH PERFORMANCE COLORANT - MATCH TO BENJAMIN MOORE OR EQUAL
C1 = FAIRVIEW TAUPE HC-85 BY BENJAMIN MOORE
C2 = IRON MOUNTAIN 2134-30 BY BENJAMIN MOORE

- MF METAL FASCIA (COLOR: CITYSCAPE)
X-TYPE:
1 = PRE-FAB ANCHOR-TITE FASCIA
2 = PRE-FAB CUSTOM ARCADE FASCIA
- RL EXISTING ROOF LADDER PAINT TO MATCH BASE BUILDING
- ST STONE
1 = EXISTING UNPAINTED MASONRY
- S McDONALD'S SIGNAGE BY OTHERS UNDER SEPARATE PERMIT
- T2 ALUMINUM TRELLIS TIE-BACK SYSTEM
XX-COLOR:
C3 = CHARCOAL

- W1 NEW STOREFRONT AND GLAZING
1-1 = NEW STOREFRONT AND GLAZING
2 = EXISTING WINDOW TO REMAIN
- C ALUMINUM CANOPY FASCIA SYSTEM
1 = EXISTING CANOPY REPAIR CANOPY, COLOR: CITYSPACE
2 = ALUMINUM CANOPY FASCIA SYSTEM, COLOR: WHITE
- T2 ALUMINUM TRELLIS TIE-BACK
COLOR: CHARCOAL
- AD NEW ADA SIGNAGE MOUNT AT 60" AFF TO CENTER OF SIGN PROVIDE 1 ON INSIDE AND OUTSIDE

- ES EXISTING EIFS TO REMAIN. PATCH, REPAIR, APPLY NEW SKIM COAT AND PAINT AREA SHOWN DASHED TO MATCH ADJACENT NEW EIFS.
- RE REPAIR EXISTING CANOPIES TO RESTORE "LIKE NEW" CONDITION.
- IN EXISTING WINDOW TO BE INFILLED, MATCH EXISTING FINISH.

BASE BUILDING PAINT
BM FAIRVIEW TAUPE
HC - 85



"McDonald's" Wall Signs

North Elevation- 0 SF
East Elevation- 47.8 SF
West Elevation- 47.8 SF
South Elevation-14.0 SF

PROJECT NAME	McDONALD'S MAJOR REMODEL
DESCRIPTION	EXISTING 2X4 WOOD WALL FRAMING EXISTING WOOD ROOF FRAMING MEMBERS
SITE ID	005-0294
SITE ADDRESS	939 W DILLON RD, LOUISVILLE, CO 80027

CITY AND CLIENT COMMENTS	01/03/19	02/17/20	04/01/21	09/14/21	01/25/22	03/15/22	04/28/22	05/23/22
1								
2								
3								
4								
5								
6								
7								
8								



R

513 MAIN STREET, SUITE 300
FORT WORTH, TEXAS 76102
817.820.0433 o 817.705.3387 c

McDonald's USA, LLC

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SITE ID	005-0294
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PROTOTYPE	ISSUE DATE	2016
REVIEWED	WRR	
FIRST ISSUE DATE	10/29/2018	

ELECTRICAL SPECIFICATIONS AND GENERAL NOTES:

- THE ELECTRICAL CONTRACTOR (E.C.) SHALL PROVIDE ALL LABOR AND MATERIALS NECESSARY FOR A COMPLETE AND FULLY OPERATIONAL ELECTRICAL SYSTEM/INSTALLATION.
- MATERIALS AND INSTALLATION SHALL COMPLY WITH ALL CODES, LAWS, AND ORDINANCES OF FEDERAL, STATE, AND LOCAL GOVERNING BODIES HAVING JURISDICTION.
- ALL MATERIALS AND EQUIPMENT SHALL BE LISTED AND/OR LABELED BY U.L.,ETL, CSA, OR ANOTHER RECOGNIZED TESTING LABORATORY.
- THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, GOVERNMENTAL FEES, TAXES AND LICENSES NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF ALL ELECTRICAL WORK.
- THE CONTRACTOR SHALL PREPARE AND SUBMIT TO GOVERNMENTAL AGENCIES, UTILITY COMPANIES, AND LOCAL CODE OFFICIALS, SHOP DRAWINGS AND/OR INSTALLATION DETAILS WHICH ARE REQUIRED BY THESE AGENCIES FOR THEIR APPROVAL.
- THE CONTRACTOR SHALL NOTIFY THE ARCHITECT, ENGINEER, AND PROJECT MANAGER IN WRITING OF ANY MATERIALS OR APPARATUS BELIEVED TO BE INADEQUATE, UNSUITABLE, IN VIOLATION OF LAWS, ORDINANCES, RULES, OR REGULATIONS OF THE AUTHORITIES HAVING JURISDICTION.
- THE CONTRACTOR SHALL PREPARE AND SUBMIT TO THE FIRE PREVENTION BUREAU ALL DOCUMENTS, INCLUDING DRAWINGS AND SUBMITTALS, REQUIRED TO OBTAIN APPROVAL OF THE EMERGENCY LIGHTING, LIFE SAFETY, AND EXIT SIGN SYSTEM(S) FOR TYPES AND LOCATIONS, A COPY OF THE APPROVED DRAWINGS SHALL BE PROVIDED TO THE ARCHITECT AND ENGINEER PRIOR TO THE START OF CONSTRUCTION.
- ALL NEW ELECTRICAL WORK OR MODIFICATIONS TO EXISTING ELECTRICAL DISTRIBUTION PANELS, PANELBOARDS, METERS, ETC. SHALL BE INSTALLED AS INDICATED ON THE ELECTRICAL CONSTRUCTION DOCUMENTS. E.C. SHALL SUBMIT SHOP DRAWINGS OF ALL EQUIPMENT TO BE INSTALLED INDICATING FLOOR PLAN LAYOUT, ELEVATIONS, AND AL DIMENSIONS FOR APPROVAL OF THE ENGINEER PRIOR TO INSTALLATION. CODE REQUIRED CLEARANCES IN FRONT OF ALL ELECTRICAL EQUIPMENT SHALL BE MAINTAINED AT ALL TIMES.
- THE CONTRACTOR SHALL INCLUDE IN BID AN ALLOWANCE FOR THE FOLLOWING ADDITIONAL LIFE SAFETY DEVICES, INCLUDING INSTALLATION AND ALL CONDUIT AND WIRE, FOR ADDITIONAL DEVICES AS MAY BE REQUIRED BY THE REVIEW OF THE AUTHORITY HAVING JURISDICTION.
 - EXIT SIGN FIXTURES
 - EMERGENCY LIGHTING FIXTURESCONTRACTOR SHALL PROVIDE A UNIT PRICE FOR EACH FOR QUANTITY ADJUSTMENT.
- THE CONTRACTOR SHALL INCLUDE IN BID ELECTRICAL UNIT PRICES (EUP) TO PROVIDE ADDITIONAL LIFE SAFETY DEVICES WITHIN FINISHED CEILING SYSTEMS, INCLUDING ALL CONDUIT AND WIRE, FOR EACH TYPE OF DEVICE AS SCHEDULED IN NOTE NUMBER 9. THE UNIT PRICE SHALL INCLUDE ALL GENERAL CONTRACTOR ASSOCIATED COSTS TO INSTALL DEVICES WITHIN INSTALLED CEILING SYSTEMS.
- THE CONTRACTOR SHALL CAREFULLY EXAMINE THE CONTRACT DOCUMENTS, MAKE A SCHEDULED ARRANGEMENT WITH THE PROJECT MANAGER TO VISIT THE SITE, AND THOROUGHLY BECOME FAMILIAR WITH THE BUILDING STANDARDS AND LOCAL CONDITIONS RELATING TO THE WORK. FAILURE TO DO SO WILL NOT RELIEVE THE CONTRACTOR OF THE OBLIGATIONS OF THE CONTRACT.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY POWER AND WIRING FOR THE PERFORMANCE OF ALL TRADES, FOR THE ENTIRE PERIOD OF CONSTRUCTION AND SHALL REMOVE ALL TEMPORARY WIRING AT THE COMPLETION OF CONSTRUCTION. ALL COSTS FOR ESTABLISHING AND REMOVING TEMPORARY POWER SHALL BE INCLUDED IN BID.
- THE EXISTING POWER, SIGNAL, AND COMMUNICATIONS SYSTEMS ARE TO REMAIN IN SERVICE TO PROVIDE FOR THE OWNER'S EXISTING FUNCTIONS. SHOULD IT BECOME NECESSARY TO SHUT-DOWN ANY SYSTEM OR PORTION OF A SYSTEM, APPROVAL IN WRITING MUST BE OBTAINED FROM THE PROJECT MANAGER AND SHALL BE ONLY FOR THE PERIOD AND TIME AGREED UPON. THE BID IS TO INCLUDE THE COST OF ANY TEMPORARY WIRING AND PREMIUM TIME REQUIRED FOR THE SHUTDOWN.
- ALL MATERIALS AND EQUIPMENT SHALL BE ERECTED, INSTALLED, TOOLED, CONNECTED, CLEANED, ADJUSTED, TESTED, CONDITIONED, AND PLACED IN SERVICE IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS AND RECOMMENDATIONS.
- ALL CUTTING, DRILLING, AND PATCHING OF MASONRY, DRYWALL, CONCRETE, STEEL, OR IRON WORK BELONGING TO THE BUILDING SHALL BE DONE BY THIS CONTRACTOR IN ORDER THAT WORK MAY BE PROPERLY INSTALLED. UNDER NO CONDITIONS MAY STRUCTURAL WORK BE CUT. EXCEPT AT THE DIRECTION OF THE ARCHITECT/ENGINEER OR THEIR REPRESENTATIVE.
- SHOP DRAWINGS SHALL INCLUDE MANUFACTURER'S NAMES, CATALOG NUMBERS, CUTS, DIAGRAMS, AND OTHER SUCH DESCRIPTIVE DATA AS MAY BE REQUIRED TO IDENTIFY AND REVIEW THE EQUIPMENT. SUBMITTALS SHALL BE IN LOGICAL GROUPS (FOR EXAMPLE ALL LIGHTING FIXTURES). PARTIAL SUBMITTALS WILL NOT BE REVIEWED.
- SUBMIT FOUR (4) COPIES OF THE FOLLOWING SHOP DRAWINGS FOR REVIEW:
 - LIGHTING FIXTURES AND LAMPS
 - WIRING DEVICES
 - LOW VOLTAGE RELAYS AND SWITCHES
 - DIMMERS AND CONTROLS
- CONTRACTOR SHALL PROVIDE "AS-BUILT" DOCUMENTATION AND HARD COPY REPRODUCIBLE DRAWINGS AT THE COMPLETION OF THE PROJECT AND SUBMIT TO THE ARCHITECT AND THE ENGINEER. AS-BUILT DRAWINGS SHALL INDICATE EXACT CIRCUIT NUMBERS, LOCATIONS OF ALL DEVICES, CEILING FIXTURES, AND RACEWAY FOR LIGHTING, TELECOMMUNICATIONS AND POWER DISTRIBUTION SYSTEMS AS INSTALLED.
- ALL MATERIAL, EQUIPMENT, WIRING DEVICES, ETC. SHALL BE NEW AND OF COMMERCIAL GRADE UNLESS SPECIFICALLY INDICATED AS EXISTING TO BE REUSED ON DRAWINGS.
- EXCEPT AS NOTED OTHERWISE, ALL WORK REQUIRED FOR THE ELECTRICAL INSTALLATION AS SHOWN ON DRAWINGS SHALL INCLUDE ALL LABOR, INSTALLATION METHODS, EQUIPMENT, AND MATERIALS AND SHALL BE IN STRICT COMPLIANCE WITH ALL BUILDING STANDARDS.
- PROVIDE A COMPLETE METAL RACEWAY SYSTEM, FITTINGS AND ENCLOSURES FOR ALL ELECTRICAL WIRING SYSTEMS TO BE INSTALLED FOR THE PROJECT. SYSTEMS SHALL INCLUDE, BUT NOT BE LIMITED TO POWER, COMMUNICATIONS, SECURITY, PAGING, TEMPERATURE CONTROL AND CONTROLS.
- NOT USED.
- MINIMUM CONDUIT SIZE SHALL BE 1/2 INCH FOR GENERAL LIGHTING AND POWER CIRCUITRY UNLESS OTHERWISE INDICATED AND/OR REQUIRED BY CODE.
- FLEXIBLE CONDUIT CONNECTIONS TO RECESSED LIGHTING FIXTURES SHALL BE MADE WITH FLEXIBLE STEEL CONDUIT, 1/2 INCH MINIMUM, INCLUDING AN INSULATED COPPER GREEN EQUIPMENT GROUNDING CONDUCTOR OR SHALL BE MADE WITH METAL CLAD TYPE CABLE.
- NOT USED.
- WIRE NUMBER 8 AND SMALLER FOR USE IN INTERIOR DRY LOCATIONS SHALL BE TYPE THWN THERMOPLASTIC 600 VOLT INSULATED COPPER CONDUCTORS. FEEDERS AND POWER WIRING NUMBER 6 AND LARGER SHALL BE TYPE THW 600 VOLT INSULATED COPPER WIRE WHICH IS INSTALLED IN RACEWAY IN MOIST OR DAMP LOCATIONS SHALL BE THW, 600 VOLT INSULATED COPPER CONDUCTORS. NO WIRE SMALLER THAN NUMBER 12 AWG SHALL BE USED FOR LIGHTING OR POWER.
- BRANCH CIRCUIT HOMERUN WIRING:
 - GENERAL PURPOSE BRANCH CIRCUIT HOMERUNS CONSISTING OF TWO NETWORKS SHALL HAVE PHASE, NEUTRAL AND GROUND CONDUCTORS INCREASED TO NUMBER 10 AWG, THWN AS A MINIMUM. WHERE HOMERUN (ONE OR MORE NETWORKS) EXCEEDS 100 LINEAR FEET, CONDUCTOR SIZE SHALL BE INCREASED ONE TRADE SIZE.
 - ALL BRANCH CIRCUITS, FEEDERS, AND HOMERUNS SHALL BE PROVIDED WITH AN INSULATED COPPER GREEN GROUNDING CONDUCTOR ROUTED IN THE SAME CONDUIT. GROUNDING CONDUCTOR SHALL BE SIZED PER THE REQUIREMENTS OF NEC SECTION 250.
 - HOMERUN LENGTH SHALL BEGIN AT THE CENTRAL POINT OF ALL DISTRIBUTED CIRCUITS TO THE PANELBOARD CIRCUIT BREAKER.

- ALL NEW CIRCUIT BREAKERS FOR EXISTING PANELBOARDS AND DISTRIBUTION PANELBOARDS SHALL MATCH EXISTING BUILDING PANELBOARD MANUFACTURER AND CIRCUIT BREAKER TYPE. ALL CIRCUIT BREAKERS SHALL BE BOLT ON TYPE. AIC RATING OF NEW CIRCUIT BREAKER SHALL MATCH AIC RATING OF PANELBOARD IN WHICH IT IS INSTALLED. WHERE SERIES RATED TYPE CIRCUIT BREAKERS ARE USED, NEW CIRCUIT BREAKERS SHALL BE INSTALLED SO AS TO MAINTAIN THE UL SERIES RATING OF THE EXISTING SYSTEM. THE CONTRACTOR SHALL PROVIDE A NEW TYPEWRITTEN PANEL DIRECTORY FOR EACH PANEL CHANGED AT THE COMPLETION OF THE PROJECT. EACH CIRCUIT BREAKER SHALL BE LABELED TO IDENTIFY LOAD TYPE AND LOCATION
- THE CONTRACTOR SHALL VERIFY THE CEILING CONSTRUCTION TYPE WITH ARCHITECTURAL DETAILS BEFORE ORDERING LIGHTING FIXTURES IN ORDER TO CONFIRM PROPER MOUNTING.
- EACH SWITCH, LIGHT, RECEPTACLE, OR OTHER MISCELLANEOUS DEVICE SHALL BE PROVIDED WITH A GALVANIZED OR SHERARDIZED PRESSED STEEL OUTLET BOX OF THE KNOCKOUT TYPE, OF NOT LESS THAN NUMBER 14 U.S. GAUGE STEEL. CONDUITS SHALL BE FASTENED WITH LOCKNUTS AND BUSHINGS AND ALL UNUSED KNOCKOUTS SHALL BE LEFT SEALED. THERE SHALL BE SUFFICIENT ROOM FOR WIRES AND BUSHINGS AND DEEP BOXES SHALL BE INSTALLED WHERE REQUIRED. BOXES SHALL BE SECURELY AND ADEQUATELY SUPPORTED.
- NOT USED
- IN SUSPENDED CEILINGS, SUPPORT CONDUITS AND JUNCTION BOXES DIRECTLY FROM THE STRUCTURAL SYSTEM, DECK OR FRAMING PROVIDED FOR THAT PURPOSE. LIGHTING BRANCH CIRCUIT CONDUITS SHALL NOT BE CLIPPED TO THE CEILING SUPPORT WIRES OR SPLINE UNLESS THE CEILING SYSTEM HAS BEEN SPECIFICALLY DESIGNED FOR THAT PURPOSE AND APPROVAL HAS BEEN GRANTED BY THE ARCHITECT AND THE ENGINEER.
- E.C. SHALL PROVIDE "3M" FIRESEAL SYSTEMS FOR ALL CORES AND RACEWAY PENETRATIONS IN FIRE RATED WALLS AND PARTITIONS, FIRE RATE WALL AND CEILING PENETRATIONS, ETC. USING "CP-25" CAULK, "303" PUTTY AND/OR "FLAMESEAL" PUTTY AS PER MANUFACTURER'S INSTRUCTIONS TO MAINTAIN EXISTING AND NEW FIRE RATINGS. VERIFY FIRE RATING CONDITIONS AND LOCATIONS PRIOR TO FINAL BIDS. ALL OPEN SLEEVE PENETRATIONS SHALL BE SEALED INSIDE AND OUTSIDE BY E.C. AFTER ALL CABLING IS COMPLETELY INSTALLED. SEALING METHODS SHALL BE PROVIDED BY E.C. AND SHALL BE SUBJECT TO THE APPROVAL OF THE CABLING CONTRACTOR.
- NOT USED
- NOT USED
- NUMBERED CIRCUITS SHOWN ON PLAN ARE FOR THE CONVEYANCE OF DESIGN INTENT ONLY. ACTUAL FIELD CONDITIONS WILL AFFECT CIRCUITRY. INDICATE THE ACTUAL CIRCUIT NUMBERS INSTALLED ON THE "AS-BUILT" DRAWINGS.
- BUILDING STANDARDS
 - ALL NEW CONDUIT RACEWAYS AND BOXES FOR ALL SYSTEMS SHALL BE INSTALLED TIGHT-UP TO THE BOTTOM OF THE STRUCTURAL BEAMS WHERE REQUIRED AND PROPERLY SUPPORTED FROM STRUCTURAL MEMBERS.
 - ALL NEW CONDUIT RUNS SHALL BE INSTALLED ABOVE AND OVER THE TOP OF ALL NEW AND/OR EXISTING DUCTWORK, PIPING, CONDUITS, PULLBOXES, ETC. E.C. SHALL PROVIDE ALL NECESSARY ACCESSIBLE PULLBOXES. CONDUIT BENDS SHALL NOT EXCEED CODE REQUIREMENTS WITHIN A SINGLE RUN. E.C. SHALL PROVIDE ALL PULLBOXES AS REQUIRED.
 - NEW CONDUIT RUNS OR PULLBOXES SHALL NOT BE INSTALLED LESS THAN 2 INCHES ABOVE RECESSED LIGHTING FIXTURES UNLESS APPROVED BY THE ENGINEER.
 - NEW CONDUIT RUNS OR PULLBOXES SHALL NOT BLOCK OR PREVENT FULL AND COMPLETE ACCESS AND OPERATION OF NEW OR EXISTING HVAC EQUIPMENT, ACCESS DOORS, PIPING VALVES, JUNCTION BOXES, DUCT HEATERS, MAIN SUPPLY AND RETURN AIR DUCTS, PULLBOXES, CLEANOUTS, ETC.
 - NEW CONDUIT AND PULLBOXES TO BE INSTALLED BELOW NEW OR EXISTING DEUCTWORK SHALL BE MOUNTED TIGHT UP TO BOTTOM OF DUCT WITH 90 DEGREE BENDS UP SIDEWALL OF DUCT TO MEET REQUIREMENTS OF LETTER C ABOVE. SUPPORTS SHALL NOT PENETRATE DUCTWORK, AND SHALL BE INDEPENDENT OF ALL DUCTWORK SUPPORTS. DIRECT CONTACT OF CONDUIT RACEWAY SYSTEMS WITH DUCTWORK OR PIPING SHALL BE PROVIDED WITH VIBRATION SEPARATION METHOD APPROVED BY THE ENGINEER.
 - NEW CONDUIT AND BOXES TO BE INSTALLED WITHIN ALL EXISTING FINISHED BUILDING DRYWALL, FURRED BUILDING WALLS, PARTITIONS, AND COLUMNS SHALL BE INSTALLED WITH EMT AND FLEXIBLE RACEWAYS NOT MORE THAN 6'-0" LONG. ELECTRICAL CONTRACTOR SHALL INCLUDE ALL COSTS FOR DRYWALL ACCESS, CUTTING, PATCHING, PAINTING, ETC. IN BIDS FOR SUCH CONDITIONS. FIELD VERIFY ALL LOCATIONS ON SITE PRIOR TO FINAL BIDS. EXCEPTIONS DURING BIDS SHALL BE SUBMITTED IN WRITING.
- THE GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL BE HELD RESPONSIBLE TO HAVE EXAMINED THE CONSTRUCTION SITE WITH RESPECT TO CONSTRUCTION DRAWINGS, ACTUAL FIELD CONDITIONS, DOOR FRAME HEIGHTS, PIPING OBSTRUCTIONS, DUCTWORK, HEIGHTS AND LEVELS, FLOOR LEVELS, CEILING HEIGHTS, ETC. PRIOR TO FINAL BIDS.
- HALL NEW BUILDING STANDARD EQUIPMENT, DEVICES, AND MATERIALS SHALL BE EQUAL TO OR GREATER IN QUALITY TO EXISTING APPROVED BUILDING STANDARD MATERIALS PRESENTLY INSTALLED IN BUILDING. EQUIPMENT, DEVICES AND MATERIALS SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT, PROJECT MANAGER, AND THE ENGINEER.
- ALL EMERGENCY AND EXIT SIGN JUNCTION BOXES SHALL BE PAINTED RED. PANEL TAG AND CIRCUIT NUMBER FOR ALL WIRING WITHIN JUNCTION BOX SHALL BE INDICATED ON COVER.
- J. ALL JUNCTION BOXES SERVING LIGHTING AND POWER SHALL HAVE CIRCUIT NUMBERS AND PANEL TAGS FOR ALL WIRING WITHIN JUNCTION BOX SHALL BE INDICATED ON COVERS.
- A NEW PANELBOARD COPPER GROUND BUS SHALL BE INSTALLED FOR EQUIPMENT GROUNDING REQUIREMENTS FOR ALL PANELBOARDS LACKING A GROUND BUS.
- PERFORM ALL WORK OF A DEMOLITION NATURE THAT MAY BE REQUIRED OR NECESSARY FOR THE FULL AND COMPLETE EXECUTION OF THE WORK, WHETHER EXPLICITLY SHOWN AND/OR SPECIFIED OR NOT. EXACT EXTENT OF DEMOLITION WILL NOT BE FULLY INDICATED BY DRAWINGS. DETERMINE THE NATURE AND EXTENT OF DEMOLITION THAT WILL BE NECESSARY BY COMPARING THE CONTRACT DOCUMENTS WITH ARCHITECTURAL AND DEMOLITION DRAWINGS TO EXISTING CONDITIONS. ELECTRICAL EQUIPMENT WHICH WILL NOT BE REUSED SHALL BE TURNED OVER TO THE OWNER OR REMOVED FROM THE PREMISES AS DETERMINED BY THE PROJECT MANAGER.
- ANY EXISTING ELECTRICAL MATERIAL AND EQUIPMENT WHICH INTERFERES WITH THE NEW ADDITION OR THE REMOVAL OF EXISTING WALLS SHALL BE REMOVED OR RELOCATED BY THE CONTRACTOR. VERIFY REMOVAL AND NEW LOCATION OF EQUIPMENT WITH THE PROJECT MANAGER AND THE ARCHITECT/ENGINEER PRIOR TO WORK.
- VERIFY CLEARANCES FOR ALL NEW OR EXISTING RELOCATED ELECTRICAL WORK BEFORE PROCEEDING WITH CONSTRUCTION. COORDINATE USE OF AVAILABLE SPACE WITH ALL TRADES. IN THE EVENT OF CONFLICTS, NOTIFY THE ARCHITECT AND ENGINEER BEFORE PROCEEDING WITH THE WORK.
- WHERE EXISTING CONDUIT IS SHOWN ON THE DRAWINGS, IT IS SHOWN DIAGRAMMATICALLY. THE EXACT ROUTING OF THE EXISTING CONDUIT SHALL BE DETERMINED ON THE JOB SITE BY THE CONTRACTOR.
- NOT USED
- ALL HANGER AND/OR ROD SUPPORT SYSTEMS SHALL BE SUPPORTED TO THE BOTTOM RIB OF THE METAL DECK, WHERE APPLICABLE.
- PROVIDE A WRITTEN GUARANTEE THAT THE ELECTRICAL INSTALLATION IS FREE FROM MECHANICAL AND ELECTRICAL DEFECTS. CONTRACTOR AT THEIR COST SHALL REPLACE AND/OR REPAIR, TO THE SATISFACTION OF THE OWNER AND/OR THE MANUFACTURER'S INSTALLATION INSTRUCTIONS, ANY PARTS OF THE INSTALLATION WHICH MAY FAIL WITHIN A PERIOD OF 12 MONTHS FROM CONSTRUCTION ACCEPTANCE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, PROVIDED THAT SUCH FAILURE IS DUE TO DEFECTS IN MATERIAL, WORKMANSHIP, OR FAILURE TO FOLLOW THE SPECIFICATIONS, MANUFACTURER'S INSTALLATION INSTRUCTIONS AND/OR DRAWINGS.

McDONALDS PUD AMENDMENT #5
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AMENDED FINAL P.U.D.
STORE #50-0294
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LOUISVILLE, COLORADO

- CONTRACTOR SHALL PROVIDE ALL NECESSARY PROPERLY SIZED WALL OR MILLWORK MOUNTED BOXES, RINGS, SUPPORTS, AND DEVICES AS REQUIRED VIA COORDINATION WITH ARCHITECTURAL WALL SECTIONS, AND MILLWORK DETAILS.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE DRAWINGS. WHERE MORE STRINGENT REQUIREMENTS THAN THOSE DESCRIBED HEREIN OR AS SET FORTH UNDER CODES, LAWS, AND ORDINANCES OF FEDERAL, STATE, AND LOCAL GOVERNING BODIES HAVING JURISDICTION, THOSE GREATER REQUIREMENTS SHALL BE ADHERED TO.
- ALL NEW EMERGENCY LIGHTING FIXTURES AND EXIT SIGNS SHALL BE PROVIDED WITH AN INTEGRAL EMERGENCY BACKUP BALLAST TO ILLUMINATE THE FIXTURES IN THE EVENT OF A POWER FAILURE. ALL COMPONENTS SHALL BE IN COMPLIANCE WITH NFPA 101 AND NFPA 70 SECTION700. BALLAST BATTERY SHALL MAINTAIN 87.5% OF THE NOMINAL BATTERY VOLTAGE AFTER 1.5 HOURS TO COMPLY WITH NFEC SECTION700 AND UL 924.
- IDENTIFICATION OF ELECTRICAL ITEMS
 - PROVIDE PERMANENT IDENTIFICATION MARKING AND NAMEPLATES FOR ALL CONDUCTORS AND EACH ITEM OF ELECTRICAL APPARATUS AND ASSOCIATED CONTROLLED EQUIPMENT, WITH THE SAME INSCRIPTIONS AS SHOWN ON THE DRAWINGS. ALL IDENTIFICATION MARKINGS SHALL BE CLEARLY AND NEATLY APPLIED.
 - APPLY ENGRAVED PLASTIC LAMINATE NAMEPLATES WITH NON-CORRODING TYPE SCREW FASTENERS OR RIVETS TO ALL MOTOR STARTERS, DISCONNECT SWITCHES, RELAYS, REMOTE CONTROL PANELS, PUSH BUTTON STATIONS, PANELBOARDS, SWITCHBOARDS, TRANSFORMERS, AND OTHER ELECTRICAL APPARATUS. NAMEPLATES SHALL BE WHITE WITH BLACK CORE, 1-1/4" X 3" MINIMUM WITH 3/16" HIGH LETTERING. THE NAMEPLATE SHALL IDENTIFY:
 - NAME OF DEVICE OR
 - LOAD THE DEVICE IS SERVING
 - PROVIDE A TYPEWRITTEN DIRECTORY OF CIRCUITS IN LIGHTING AND POWER PANELS AND PROVIDE PANEL IDENTIFICATION IN BLACK ALKYD PAINT STENCILED INSCRIPTIONS ON THE INSIDE OF THE DOOR, DIRECTLY ABOVE THE CENTERLINE OF THE DIRECTORY FRAME, OR ON THE VERTICAL AND HORIZONTAL CENTERLINE OF DOORS WITHOUT DIRECTORY FRAMES.
 - PROVIDE ON DEVICE PLATES FOR LOCAL TOGGLE SWITCHES, TOGGLE SWITCH MANUAL STARTERS, PILOT LIGHTS AND OTHER ELECTRICAL ITEMS, WHOSE FUNCTION IS NOT READILY APPARENT, ENGRAVED SUITABLE INSCRIPTIONS OR PLASTIC LAMINATE NAMEPLATES DESCRIBING THE EQUIPMENT CONTROLLED OR INDICATED.
 - EMBOSSED SELF-ADHERING PLASTIC TAPE LABELS WILL NOT BE ACCEPTED.
- ELECTRICAL CONTRACTOR SHALL COORDINATE ALL EXISTING OR NEW NON-ACCESSIBLE SYSTEM DEVICES, PULLBOXES, AND EQUIPMENT, ETC. FOR RELOCATION TO ACCESSIBLE CEILING AREAS. E.C. SHALL INCLUDE ALL COMPLETE COSTS FOR RELOCATION AND VERIFY SUCH CONDITIONS WITH ARCHITECTURAL CEILING PLANS PRIOR TO FINAL BIDS.
- EXISTING CONDITIONS OF ALL EXISTING BUILDING EQUIPMENT, DEVICES, FIXTURES, AND SYSTEMS THAT REQUIRE REWIRING, REUSE, RELOCATION, OR REFURBISHING AS PER DRAWINGS AND SPECIFICATIONS SHALL BE FIELD VERIFIED BY THE E.C. PRIOR TO COMMENCEMENT OF ANY WORK TO BE COMPLETELY OPERATIONAL. E.C. SHALL SUBMIT A WRITTEN STATEMENT AND ITEMIZED LISTING OF ALL EXISTING CONDITIONS OF THE FOLLOWING, ALTHOUGH NOT LIMITED TO THOSE LISTED:
 - HVAC EQUIPMENT
 - EXIT SIGNS AND EMERGENCY LIGHTING FIXTURES
 - Life Safety/FIRE ALARM SYSTEM DEVICES
 - LIGHTING AND RECEPTACLE DEVICES.

THE WRITTEN STATEMENT SHALL BE SUBMITTED TO THE PROJECT MANAGER, ARCHITECT, AND ENGINEER PRIOR TO WORK. IN THE EVENT THAT THE CONTRACTOR COMMENCES WORK WITHOUT SUBMITTAL, THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY AND COST TO MAINTAIN THE ABOVE IN GOOD WORKING ORDER AND CONDITION.

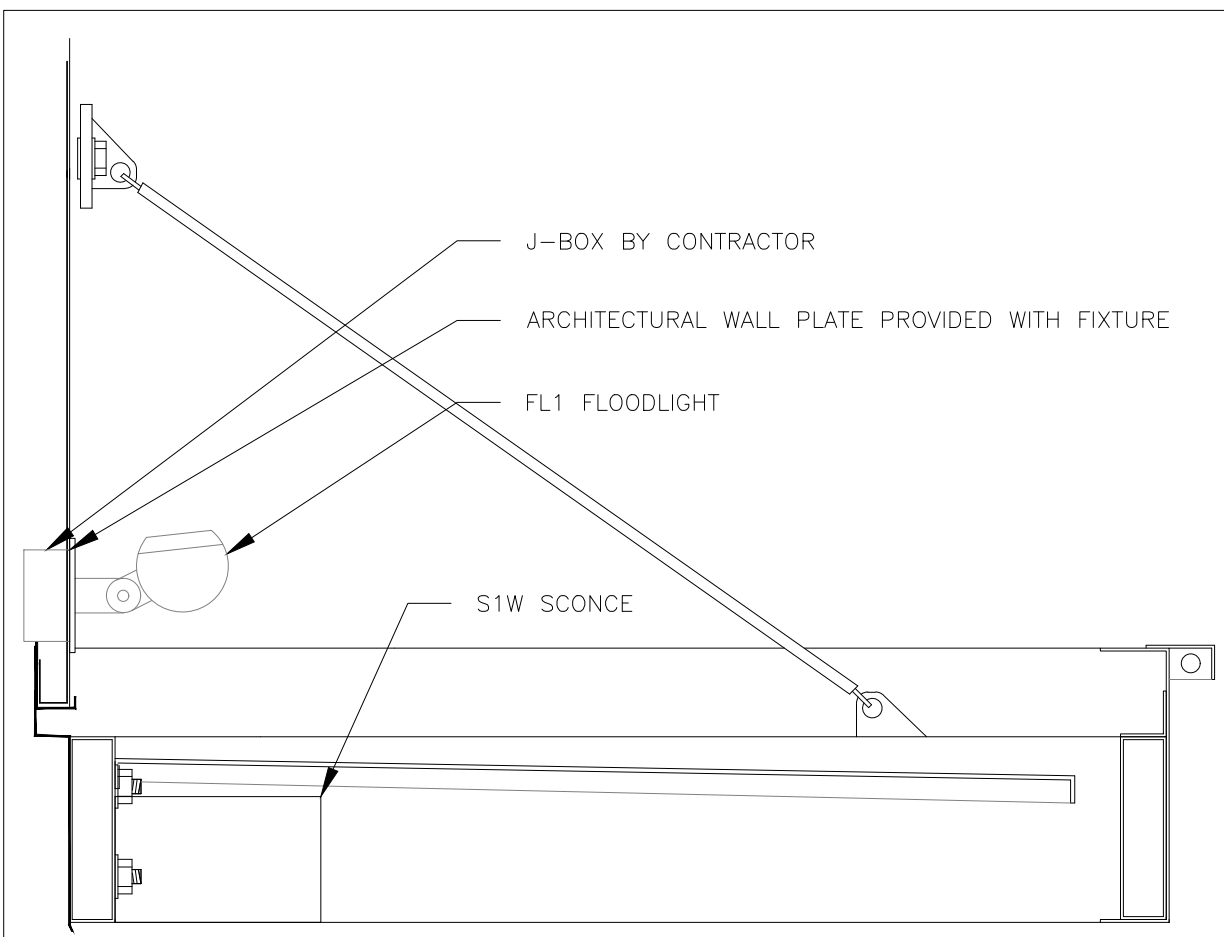
- E.C. SHALL REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL ELECTRICAL AND COMMUNICATIONS OUTLETS. ELECTRICAL ENGINEERING DRAWINGS SHALL BE USED FOR CIRCUITING INFORMATION ONLY.
- E.C. SHALL REFER TO MECHANICAL AND PLUMBING ENGINEERING DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL AND PLUMBING EQUIPMENT.

INTERIOR LIGHTING FIXTURE SCHEDULE:

MARK	SYMBOL	DESCRIPTION	DIFFUSER	LAMPS		BALLAST	MOUNTING	MANUFACTURER AND CATALOG NUMBER
				WATTS	TYPE			
F2		2' X 4' GRID TROFFER	PRISMATIC ACRYLIC	45W	LED	-	RECESSED	SECURITY LIGHTING: # LCAT24-35HLG-EDU-WP-GK
F42		6" LED DOWN LIGHT	-	12W	LED	-	RECESSED	CS ILLUMINATION: REFERENCE DECOR SET FOR ORDERING INFORMATION.
F12SA		6" LED ADJUSTABLE DOWN LIGHT	-	12W	LED	-	RECESSED	SECURITY LIGHTING #LB6LEDA10L-30K-9-WW-SA/DBXOL
F20		EXIT SIGN WITH BATTERY BACKUP	-	1.8W	LED	-	SURFACE	SECURITY LIGHTING: PRB. SEE NOTE LS2 ON THIS SHEET
F21		2 HEADED EMERGENCY BATTERY LIGHT	-	-	LED	-	SURFACE TO WALL OR CEILING	SECURITY LTC. #EV4D
F38		MOSAIC HIGHBAY	TEMPERED GLASS	100W	LED	-	SURFACE	PLAYPLACE CS ILLUMINATION 4246-CLB-1-30K-MVD2-WC-BC-P
F42		3.5" RECESSED DOWN LIGHT	-	12W	LED	-	RECESSED	CS ILLUMINATION 4658-XFR12/XM20/15C/30H/1100/BK/BK
F49		MULTIPLE LED	-	20W	LED	-	RECESSED	CS ILLUMINATION: REFERENCE DECOR SET FOR ORDERING INFORMATION.
F46b		FRY SCONCE	-	12W	LED	-	SURFACE	CS ILLUMINATION: REFERENCE DECOR SET FOR ORDERING INFORMATION.
F47b		RED RADIUS WALL SCONCE	-	12W	LED	-	SURFACE	CS ILLUMINATION: REFERENCE DECOR SET FOR ORDERING INFORMATION.
F50		SURFACE MOUNT LINEAR LED	-	2.2W/in.ft.	LED	-	SURFACE	CS ILLUMINATION: DRIVER # 9359-PSHW-60W-24V-JB ONE PER 20 FT. OF L06o COVE
F56		LINEAR PENDANT	-	22W	LED	-	SURFACE	CS ILLUMINATION: REFERENCE DECOR SET FOR ORDERING INFORMATION.
FL1		UP ONLY ACCENT LIGHTING (SEE PLAN)	TEMPERED GLASS	1-16W PER FIXTURE	LED	-	SURFACE	SECURITY LIGHTING: EL218-W-5-8L-5K-UV-10-JW10

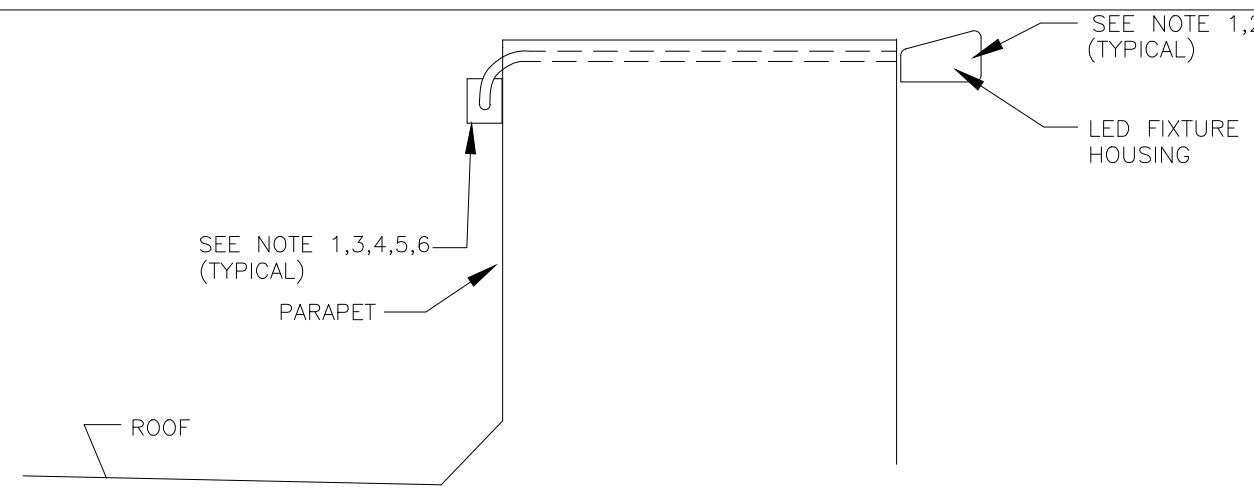
EXTERIOR LIGHTING FIXTURE SCHEDULE:

MARK	SYMBOL	DESCRIPTION	DIFFUSER	LAMPS		BALLAST	MOUNTING	MANUFACTURER AND CATALOG NUMBER
				WATTS	TYPE			
F22		EMERG BATTERY & 2 REMOTE HEADS	-	-	LED	-	SURFACE TO WALL OR SOFFIT	EXTERIOR EMERGENCY WALL PACK LIGHTING SHALL NOT EXCEED 3000K LAMP COLOR TEMP PER CITY ORDINANCE. LIGHTING FIXTURE TO BE SELECTED BY OWNER.
F23		2 HEADED EMERG LIGHT & 2 REMOTE HEAD IF REQ'D	-	-	LED	-	SURFACE TO WALL OR SOFFIT	EXTERIOR EMERGENCY WALL PACK LIGHTING SHALL NOT EXCEED 3000K LAMP COLOR TEMP PER CITY ORDINANCE. LIGHTING FIXTURE TO BE SELECTED BY OWNER.
S1H		"DOWN ONLY" RADIAL WALL SCONCE - SILVER FINISH	TEMPERED GLASS	(1)-14W	LED	-	WALL	SECURITY LIGHTING: #RWSC-36L-3K-DO-U-PS
S2H		"UP/DOWN" RADIAL WALL SCONCE - SILVER FINISH	TEMPERED GLASS	(1)-25W	LED	-	WALL	SECURITY LIGHTING: #RWSC-72L-3K-UD-U-PS
S1W		"DOWN ONLY" RADIAL WALL SCONCE - WHITE FINISH	TEMPERED GLASS	(1)-14W	LED	-	WALL	SECURITY LIGHTING: #RWSC-36L-3K-DO-U-WH
SLED2-HE		DOWN ONLY ACCENT LIGHTING (SEE PLAN)	TEMPERED GLASS	1-17W PER FIXTURE	LED	-	SURFACE	EXTERIOR CANOPY LIGHTING SHALL NOT EXCEED 3000K LAMP COLOR TEMP PER CITY ORDINANCE. LIGHTING FIXTURE TO BE SELECTED BY OWNER.
SLED3-HE		DOWN ONLY ACCENT LIGHTING (SEE PLAN)	TEMPERED GLASS	1-25W PER FIXTURE	LED	-	SURFACE	EXTERIOR CANOPY LIGHTING SHALL NOT EXCEED 3000K LAMP COLOR TEMP PER CITY ORDINANCE. LIGHTING FIXTURE TO BE SELECTED BY OWNER.
SLED4-HE		DOWN ONLY ACCENT LIGHTING (SEE PLAN)	TEMPERED GLASS	1-33W PER FIXTURE	LED	-	SURFACE	EXTERIOR CANOPY LIGHTING SHALL NOT EXCEED 3000K LAMP COLOR TEMP PER CITY ORDINANCE. LIGHTING FIXTURE TO BE SELECTED BY OWNER.
F12G		6" LED DOWN LIGHT - SHALLOW HOUSING	-	12W	LED	-	RECESSED	SECURITY LIGHTING # LB6LEDA10L-30K-9-GD



FLOOD LIGHT DETAIL

SCALE: NO_SCALE



LED LIGHT DETAIL

SCALE: 3/4"=1'-0"

- GENERAL NOTES
- PLACE LED FIXTURE AT DESIRED LOCATION AND INSTALL FIXTURE FROM LEFT TO RIGHT WHEN FACING ARCADE AND ATTACH POWER SUPPLY AND MOUNTING BRACKET AS RECOMMENDED BY MANUFACTURER.
 - EC SHALL CONNECT NEW FIXTURES TO THE NEXT AVAILABLE SPARE 120V CIRCUIT AND MAKE ALL ELECTRICAL CONNECTIONS AS REQUIRED FOR A COMPLETE OPERATING SYSTEM.
 - POWER SUPPLY SHALL ALWAYS BE INSTALLED TO THE LEFT SIDE OF FIXTURE WHEN FACING ARCADE.
 - OVERALL FIXTURE RUN TO BE CENTERED ON OVERALL LENGTH OF WALL.
 - LED FIXTURE SHALL MATCH COLOR OF CANOPY EITHER PLATINUM SILVER(PS) OR YELLOW (YL). VERIFY LED COLOR WITH AREA CONSTRUCTION MANAGER PRIOR TO INSTALLATION.
 - CONNECT NEW LED FIXTURES TO EXISTING LIGHTING CIRCUIT(S) AS REQUIRED. ENSURE THAT CIRCUIT BREAKER AND CONDUCTOR SIZES DO NOT EXCEED 1200 WATTS ON A 15A CIRCUIT AND 1600 WATTS ON A 20A CIRCUIT. VERIFY EXISTING CONDITIONS AND REQUIREMENTS IN FIELD. PROVIDE ADDITIONAL CIRCUITS (C.B.,WIRING,CONDUITS)AS REQUIRED.

CITY AND CLIENT COMMENTS

1	01/03/19	
2	02/17/20	
3	04/01/21	
4	09/14/21	
5	01/25/22	
6	04/05/22	
7	04/28/22	
8	05/23/22	

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DRAWING IS DIAGRAMATIC, AND AS SUCH ADJUSTMENTS FOR UNKNOWN FIELD CONDITIONS MAY BE REQUIRED. THIS DRAWING WAS PREPARED FOR SPECIFIC USE ON THE DATE AND SITE INDICATED HEREON. USE OF THIS DRAWING FOR ANY OTHER PROJECTS OR SITES WITHOUT THE WRITTEN CONSENT OF ROBERT D. ANDERSON INC. IS PROHIBITED.

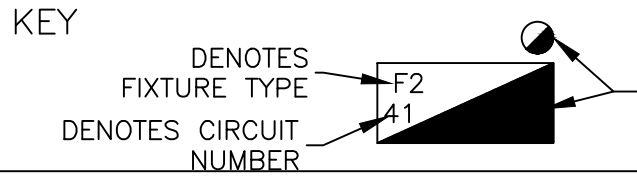
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McDonald's USA, LLC

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PROJECT NAME	McDonald's MAJOR REMODEL
DRAWN BY:	MSB
PROTOTYPE ISSUE DATE	2016
REVIEWED	TAS
FIRST ISSUE DATE	10/29/2018
DESCRIPTION	EXISTING 2X4 WOOD WALL FRAMING EXISTING WOOD ROOF FRAMING MEMBERS
SHEET NO.	3 OF 7
SITE ADDRESS	939 DILLON RD, LOUISVILLE, CO 80027



LIGHTING FIXTURES SHOWN HALF SHADED SHALL BE WIRED TO THE NIGHT LIGHTING CIRCUIT AND PROVIDED WITH A BATTERY TYPE EMERGENCY BALLAST. SEE NOTE EL3 ON THIS SHEET. COORDINATE LOCATION WITH DECOR.

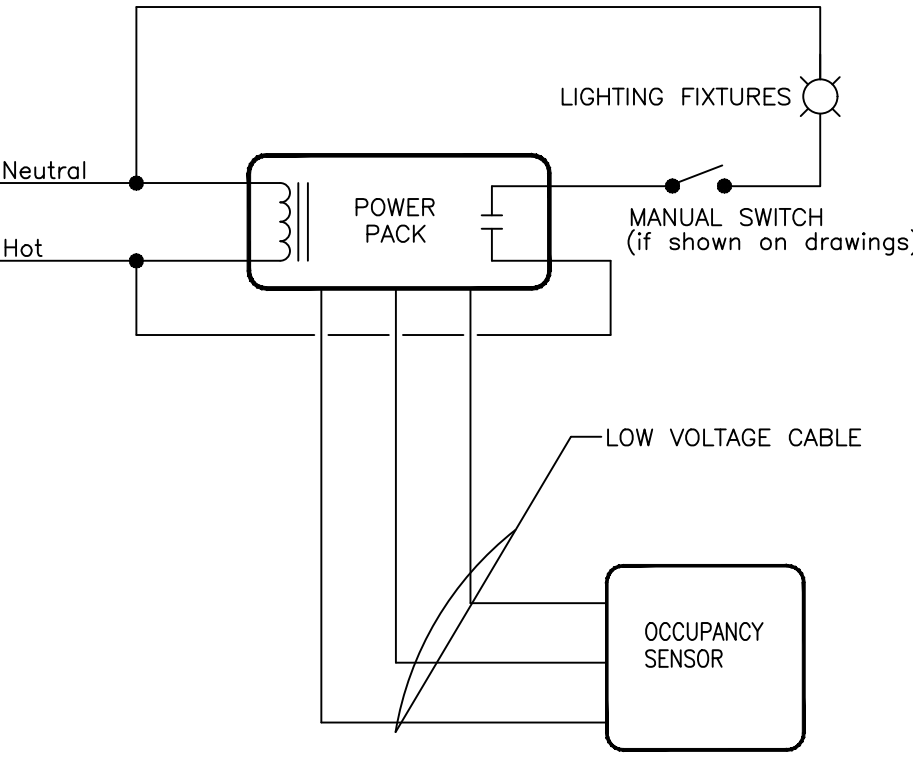
EMERGENCY LIGHTING NOTES

EL1. EC SHALL INSTALL A LOCK ON CIRCUIT BREAKER HANDLE. FOR ALL EMERGENCY LIGHTING CIRCUITS. EC SHALL VERIFY ALL REQUIREMENTS AND FINAL EMERGENCY LIGHTING LOCATIONS WITH LOCAL AUTHORITIES. INCLUDE ALL COSTS IN BASE BID.

EL2. IF NOT INSTALLED BY MANUFACTURER, EC SHALL BE RESPONSIBLE FOR THE COMPLETE INSTALLATION OF THE EMERGENCY INVERTER BALLAST IN NIGHT LIGHTING FIXTURES SHOWN ON THIS SHEET.

EL3. ALL FIXTURES DENOTED AS NIGHT LIGHTING FIXTURES SHALL BE PROVIDED WITH A BATTERY INVERTER EMERGENCY TYPE BALLAST. EMERGENCY BALLAST SHALL BE A TWO LAMP TYPE OF 600-700 INITIAL LUMEN RATED (MINIMUM) TO ILLUMINATE FIXTURE IN THE EVENT OF A POWER FAILURE. BALLAST BATTERY SHALL MAINTAIN 87.5% OF THE NOMINAL BATTERY VOLTAGE AFTER 1.5 HOURS TO COMPLY WITH NEC SECTION 700 AND UL924. BALLAST SHALL BE AS MANUFACTURED BY BODINE, (MODEL B60 FOR T8 APPLICATIONS) SECURITY LIGHTING (MODEL UF0120 FOR COMPACT FLUORESCENT APPLICATIONS) OR AN APPROVED EQUAL TO MEET THE SPECIFICATIONS LISTED ABOVE. LED FIXTURES DENOTED AS NIGHT LIGHTING SHALL BE APPROVED WITH DUAL LITE LIGHTING INVERTER MODEL # LG1-T. INVERTER SHALL BE CAPABLE OF ILLUMINATING FIXTURE FOR 1.5 HOURS TO COMPLY WITH NEC SECTION 700 AND UL924. E.C. SHALL NOT INSTALL MORE THEN FOUR FIXTURES TO EACH INVERTER. PROVIDE ADDITIONAL INVERTERS AS NECESSARY.

EL5. EMERGENCY LIGHTING HAS BEEN DESIGNED PER NFPA 101 TO MAINTAIN 1 FC IN PATH OF EGRESS. IF FIELD CONDITIONS REQUIRE ANY CHANGES TO LIGHTING DESIGN, EMERGENCY LIGHTING SHALL BE INSTALLED TO MEET THE ABOVE REQUIREMENTS.



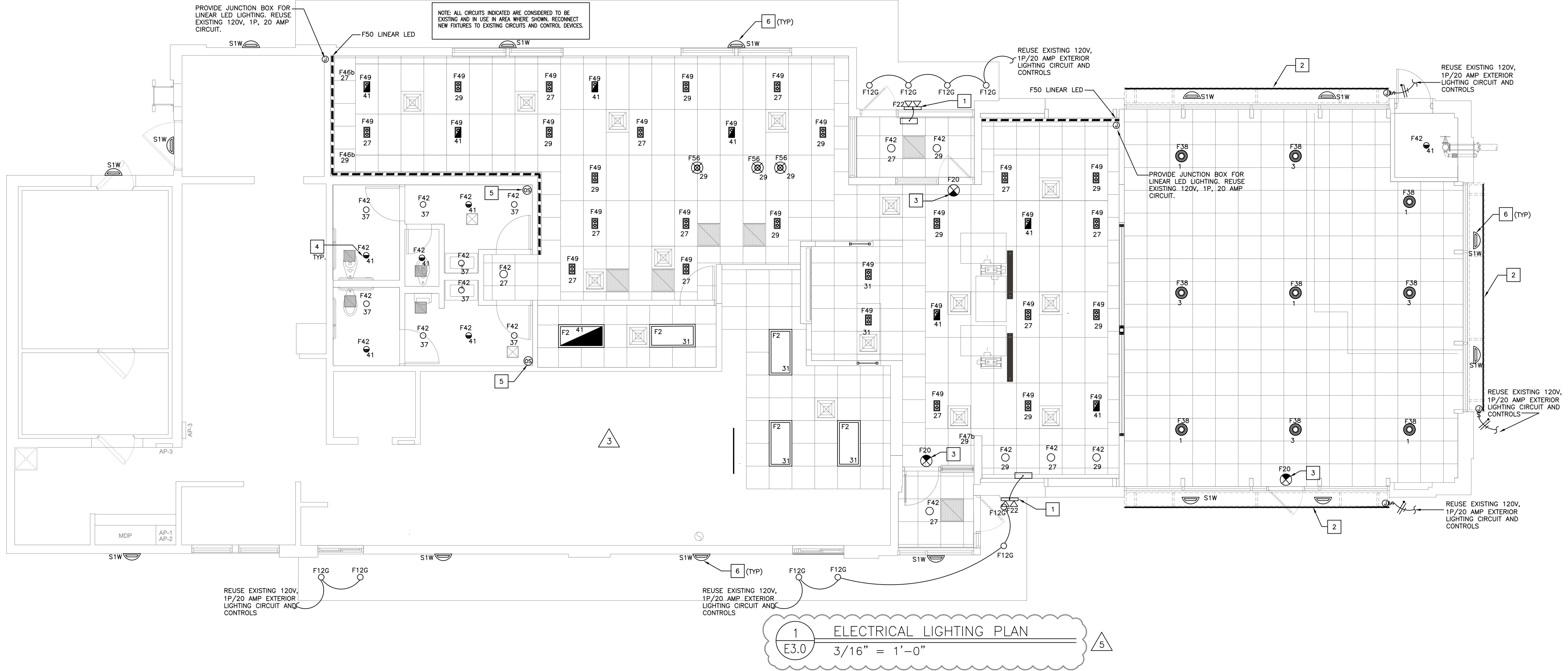
- NOTES:
- REFER TO LIGHTING PLAN FOR OCCUPANCY SENSOR LOCATIONS AND QUANTITIES.

OCCUPANCY SENSOR CONTROL DETAIL

NOT TO SCALE

SEE DRAWING E1.0 FOR LIGHTING FIXTURE SCHEDULE

McDONALDS PUD AMENDMENT #5
LOT 4. CENTENNIAL VALLEY, PARCEL "O" FILING NO. 5,
AMENDED FINAL P.U.D.
STORE #50-0294
939 W. DILLON ROAD
LOUISVILLE, COLORADO



KEY NOTES

- PROVIDE NEW EXTERIOR EMERGENCY EGRESS LIGHTING AS SCHEDULED. REMOTE HEADS TO BE POWERED FROM INTERIOR BATTERY PACKS AS INDICATED. SEE EMERGENCY AND EXIT LIGHTING NOTES ON THESE SHEET FOR ADDITIONAL INFORMATION.
- PROVIDE JUNCTION BOX FOR CONNECTION OF LED LIGHTS IN NEW CANOPY SYSTEM. VERIFY LOCATION IN FIELD. REUSE EXISTING EXTERIOR LIGHTING CIRCUIT AND CONTROLS. ENSURE NO EXISTING CIRCUIT IS LOADED BEYOND 80% OF RATED CAPACITY.
- PROVIDE NEW INTERIOR EXIT AND EMERGENCY EGRESS LIGHTING, WHERE INDICATED, AS SCHEDULED. SEE EMERGENCY AND EXIT LIGHTING NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION.
- PROVIDE NEW CEILING MOUNTED INTERIOR EMERGENCY EGRESS LIGHTING AS SCHEDULED. CEILING MOUNTED FIXTURES TO BE USED AS NIGHTLIGHTS. SEE EMERGENCY AND EXIT LIGHTING NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION.
- PROVIDE DUAL TECHNOLOGY CEILING MOUNTED OCCUPANCY SENSOR. REFER TO OCCUPANCY SENSOR DETAIL ON THIS SHEET. ORDER ALL OCCUPANCY SENSORS FROM SECURITY LIGHTING SYSTEMS, INC.
- RADIAL WALL SCONCE. SEE ARCHITECTURAL ELEVATIONS ON SHEETS A2.0 & A2.1. CONTRACTOR SHALL INSTALL NEW LIGHT FIXTURES ON EXISTING EXTERIOR LIGHTING CIRCUIT. MAINTAIN ALL EXISTING EXTERIOR LIGHTING CONTROLS. ENSURE NO EXISTING CIRCUIT IS LOADED BEYOND 80% OF RATED CAPACITY.

GENERAL NOTES FOR DRAWING E3.0:

OUTDOORS

E.C. SHALL PROVIDE AN ADDITIVE ALTERNATE COST (ELEC-DT-1) TO PROVIDE POWER FOR A NEW MENU BOARD, POWER AND DATA FEEDS AND CONNECTIONS FOR A NEW COD, AND A LANE MONITOR. COD LOCATIONS SHALL EACH BE PROVIDED WITH A NEW ISOLATED GROUNDING TYPE CIRCUIT, AND A NEW 2" DATA CONDUIT TO A NEW LOCATION. ALL WORK AND INSTALLATION LOCATIONS SHALL BE COORDINATED WITH THE MCDONALD'S PROJECT MANAGER PRIOR TO INSTALLATION.

E.C. SHALL PROVIDE POWER FOR NEW EXTERIOR LAWN MOUNTED WALL WASHING LIGHT FIXTURES AS LOCATED ON SITE PLAN.

LIGHTING

- ALL LIGHT FIXTURES SHALL BE 120 VOLT UNLESS NOTED OTHERWISE.
- LIGHTING FIXTURES AND LAMPS HAVE BEEN CHOSEN TO ACHIEVE MAXIMUM ENERGY CONSERVATION WHILE MAINTAINING ADEQUATE LEVEL OF ILLUMINATION. LAMP SPECIFICATIONS SHALL BE STRICTLY FOLLOWED. ANY DEVIATION FROM LAMP SPECIFICATIONS SHALL BE APPROVED IN WRITING BY MCDONALD'S CORPORATION.
- PROVIDE A WEATHERPROOF JUNCTION BOX IN PARAPET FOR FASCIA SIGNS. FINAL CONNECTION BY OTHERS. VERIFY EXACT LOCATION OF SIGN WITH MCDONALD'S PROJECT MANAGER PRIOR TO INSTALLATION.
- EC SHALL COORDINATE LOCATION OF ALL EXTERIOR LIGHTS WITH MCDONALD'S PROJECT MANAGER TO AVOID INTERFERENCE WITH ANY CORBELS, TRUSSES, BEAMS OR OTHER SPECIAL EXTERIOR TREATMENTS. INSTALL LIGHT FIXTURES WITH CORRECT ORIENTATION PER MANUFACTURER'S INSTRUCTIONS.
- EC SHALL FIELD VERIFY THAT ALL LIGHT FIXTURES SHOWN ON THIS PLAN DO NOT OBSTRUCT OR CONFLICT WITH THE WORK OF OTHER TRADES. IF A DISCREPANCY IS FOUND, THE EC SHALL IMMEDIATELY NOTIFY THE GC BEFORE THE INSTALLATION OF SUCH FIXTURE(S).

ORDER LED EXIT SIGNS WITH LETTER COLORS THAT COMPLY WITH LOCAL CODES FROM SECURITY LIGHTING.

- FOR RED LETTERS USE #PRB (UNIVERSAL),
- FOR GREEN LETTERS USE #PGB (UNIVERSAL), OR

IF THE ABOVE EXIT SIGNS DO NOT COMPLY WITH LOCAL CODES USE: LED SIGN WITH BATTERY BACKUP, LETTER SIZE, COLOR, TYPE & DIRECTIONAL ARROWS AS REQUIRED BY THE LOCAL AUTHORITIES.

INSTALLATION METHODS

- EC SHALL INSTALL ALL SOFFIT LIGHTING FIXTURES AWAY FROM BUILDING WALL. FIXTURES SHALL BE LOCATED TO AVOID INTERFERENCE WITH STRUCTURAL MEMBERS ABOVE SOFFIT.
- THE USE OF "WC" CABLE IN LENGTHS OF 6 FEET OR LESS (WHERE PERMITTED BY LOCAL CODES) SHALL BE ALLOWED FOR WIRING TO THE LIGHTING FIXTURES. "ROMEX" OR "BX" SHALL NOT BE USED.
- EC SHALL VERIFY THAT NOT MORE THAN 3% VOLTAGE DROP EXISTS FROM THE LIGHTING PANEL TO ANY EXTERIOR LIGHTING FIXTURE OR SIGNAGE BALLAST.

SPECIALITY LIGHTING

- SEE THE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND REQUIREMENTS FOR THE FACADE ARCADE LIGHTING ELEMENTS, AND AWNING ELEMENTS.

PROJECT DEMOLITION NOTES:

THE FOLLOWING PROVIDES A GENERAL SCOPE OF WORK FOR THE ELECTRICAL CONTRACTOR FOR THE DEMOLITION REQUIREMENTS OF THIS SITE. THIS SECTION IS NOT ALL INCLUSIVE. AND THE CONTRACTOR SHALL VISIT THE SITE AND COMPARE EXISTING CONDITIONS TO THE REQUIREMENTS DENOTED ON THE CONSTRUCTION DOCUMENTS TO DETERMINE THE EXACT EXTENT OF THE DEMOLITION WORK REQUIRED. E.C. SHALL PROVIDE ALL DEMOLITION WORK REQUIRED IN ORDER TO ALLOW FOR THE COMPLETE INSTALLATION AS DENOTED WITHIN THESE DRAWINGS.

OUTDOOR BUILDING LIGHTING/POWER

- THE ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE ALL OF THE EXTERIOR ILLUMINATED ROOF BEAMS FROM THE BUILDING. REMOVE ALL FIXTURES, WIRING, WHIPS, AND CONDUIT TO ALLOW FOR THE NEW FACADE INSTALLATION AS DENOTED ON THE PLANS. COORDINATE ALL WORK WITH OTHER TRADES AND WITH THE PROJECT MANAGER.
- THE ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE ALL EXTERIOR ELECTRICALLY POWERED FASCIA SIGNAGE FROM THE BUILDING. REMOVE ALL SIGNAGE, WIRING, WHIPS, AND CONDUIT TO ALLOW FOR THE NEW FACADE INSTALLATION AS DENOTED ON THE PLANS. COORDINATE ALL WORK WITH OTHER TRADES AND WITH THE PROJECT MANAGER.

- THE ELECTRICAL CONTRACTOR SHALL RELOCATE ALL EXTERIOR ROOF MOUNTED GENERAL PURPOSE OUTLETS AND ALL PHOTOCELLS AS REQUIRED TO ALLOW FOR THE NEW FACADE INSTALLATION. COORDINATE EXACT EXTENT OF WORK WITH ARCHITECTURAL DRAWINGS AND IN THE FIELD WITH THE PROJECT MANAGER. RECEPTACLES SHALL BE INSTALLED 'SO AS TO BE WITHIN 25'-0" OF ANY ROOFTOP HVAC EQUIPMENT PER NEC 210.63.
- E.C. SHALL VERIFY WHETHER EXISTING OUTDOOR RECEPTACLES ARE GFCI PROTECTED. IF NOT, E.C. SHALL PROVIDE NEW GFCI TYPE PROTECTED RECEPTACLE DEVICES IN PLACE OF EXISTING. E.C. SHALL ALSO PROVIDE WEATHERPROOF COVERS FOR ALL OUTDOOR RECEPTACLES TO COMPLY WITH NEC SECTION 406.8(B).

GENERAL

- THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE SALVAGE REQUIREMENTS FOR ALL EQUIPMENT REMOVED AS PART OF THE DEMOLITION WORK WITH THE CONSTRUCTION PROJECT MANAGER. ALL EQUIPMENT TO BE SALVAGED AND/OR REUSED SHALL BE PROTECTED FROM DAMAGE UNTIL REINSTALLED OR THE TIME PERIOD WHEN IT IS TURNED OVER TO THE OWNER AND/OR THE PROJECT MANAGER.
- SEE THE GENERAL ELECTRICAL SPECIFICATIONS AND NOTES ON SHEET E1.0 FOR ADDITIONAL GENERAL REQUIREMENTS.

CITY AND CLIENT COMMENTS	01/03/19	02/17/20	04/01/21	09/14/21	01/25/22
1					
2					
3					
4					
5					

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Dallas, Texas 75243

11/21/22

McDonald's USA, LLC

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PROJECT NAME	McDONALD'S MAJOR REMODEL
DESCRIPTION	EXISTING 2'x4 WOOD WALL FRAMING EXISTING WOOD ROOF FRAMING MEMBERS
SITE ID	005-0294
SITE ADDRESS	939 DILLON RD, LOUISVILLE, CO 80027



The RWSC LED radius wall sconce series offers a combination of light distributions that wash the building facade while the radial soft form housing accentuates building architectural design elements in all commercial and residential applications.

The RWSC LED provides excellent illumination with a high efficiency LED light source of 72 or 36 mid power LEDs that deliver up to 2,835 lumens and up to 109 lumens per watt.

The RWSC LED fixture has become a building standard and is stocked as a quick ship item in many colors and distributions.

Features

- Durable cast aluminum housing
- Available in various lighting distributions for maximum versatility
- Integrated design eliminates high angle brightness
- Luminaire finished in weatherproof powder-coat paint
- Completely sealed, flat tempered glass lenses, UL listed for use in wet locations
- DLC, Downlight only, full cut-off
- Dark Sky compliant, Downlight only

Operating Temperature

- -30°C to 40°C

Electrical:

- Dimming is an option (consult factory)

Mounting

RWSC features Intelligent Mounting Bracket which helps save time and money by allowing only one person to easily install. The small mounting bracket is very user friendly and features an integrated level bubble on the bracket ensuring fixture installation will always be perfect.

Certifications/Listings



Ordering Information

Ordering Example: RWSC - XXL - XK - XX - U - XX - XX

RWSC															
Series		# of LED's		CCT		Distribution		Voltage		Finish		Options			
RWSC	Radius Wall Sconce	36L	36 Mid-Power LED's	3K	3000K	DD	Down only	U	Universal 120/277V	DB	Dark Bronze	PC	Photocolor		
		72L	72 Mid-Power LED's	5K	5000K	UD	Up/Down			WH	White				
										BK	Black				
										PS	Platinum Silver				
										RA	RAL Color*				
										CC	Custom Color†				
Quick Ship:															
RWSC36LUSKDBK															
RWSC36LUSKDBWH															
RWSC36LUSKDBS															
RWSC36LUSKDBPS															
RWSC72LUSKDBWH															
RWSC72LUSKDBK															
RWSC72LUSKDBS															
RWSC72LUSKDBPS															
Accessories:															
L6125T		Remote Emergency Inverter (grid mount only)													
L6125S		Remote Emergency Inverter (surface mount only)													

¹ 36L Only available in DD distribution

² 72L Only available in UD distribution

³ One minute Inverter operates every 5 down only or 5 up/down fixtures requiring EM operation

⁴ Must provide RAL color at time of ordering

⁵ Must provide color sample at time of ordering

Web: www.securitylighting.com
2100 Golf Road, Suite 460, Rolling Meadows, IL 60008-4704
Phone: 1-800-LIGHT IT, 1-800-544-4848, Fax: 847-279-0642
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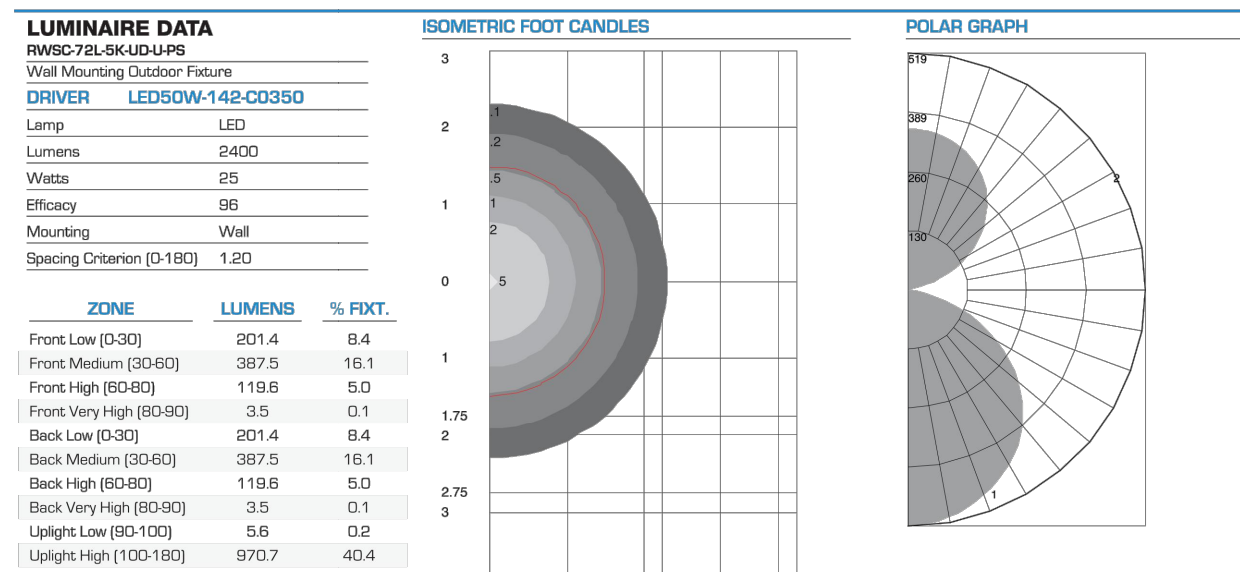
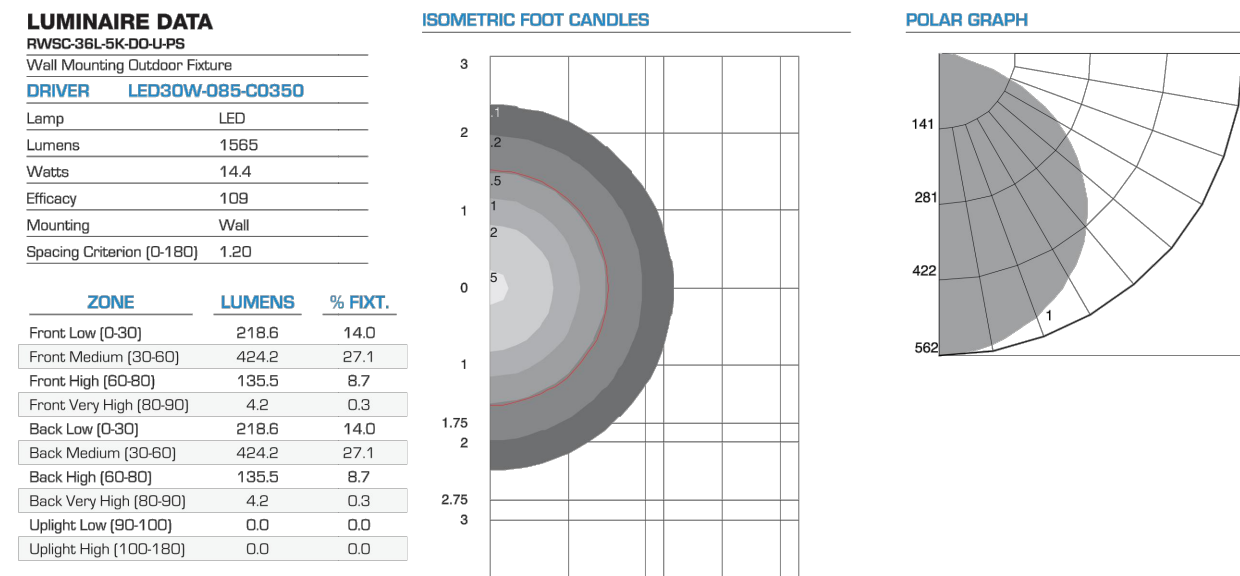


Performance Data

# of LEDs	Drive Current (Milliamps)	System Watts	Distribution Type	3K (3000K nominal, 80 CRI)				3K (3000K nominal, 80 CRI)			
				Lumens	LPW*	B	U	G	Lumens	LPW*	B
36	350	14.4	down	1565	108.7	0	0	0	1561	109.1	0
72	350	25	up/down	2400	96	n/a	n/a	n/a	2391	97.6	n/a

*Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end-user environment and application.

Photometric Data



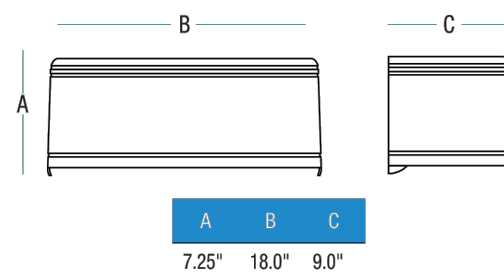
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RWSC

RADIUS LED WALL SCONCE
Type S1W



Dimensions



APPLICATIONS:

LineBox LED modules are designed for use in new construction as well as retrofit applications with existing Prescolite or competitive 6" housings. Lumen output and distribution comparable to a 75W PAR while consuming only 12 watts. ENERGY STAR® qualified. Can be used to comply with California Title 24 IECC watts per square foot requirements. Suitable for use with continuous room side ambient temperature up to 25°C. Flicker-free dimming to 15% with most standard dimmers. (See Dimming Notes).

LIGHT ENGINE:

High efficiency LED light engine, 3000K, 3500K and 5000K, 90+ CRI, integrated with durable aluminum heat sink for excellent thermal management. System designed for optimal life and lumen maintenance (60,000 hours at 70% lumen maintenance per TM-21).

LENS/REFLECTOR:

All LineBox LED modules are provided standard with a diffuse optical grade acrylic lens for uniform illumination and superior glare control. Reflector powder coat finish creates aesthetic ceiling appearance and visually comfortable 55° cutoff.

LED DRIVER:

Integral high efficiency LED driver 120V, >0.9 power factor, dimmable to 15% with standard incoherent or electronic low voltage dimmers. (See Dimming Notes for recommended dimmers.) Output over-voltage, over-current, and short circuit protection. Life expectancy of 60,000 hours minimum at recommended ambient temperatures.

INSTALLATION:

For New Construction: Use with Prescolite DBX QuickLink LED housings. QuickLink connector mates directly to housing connector without a screw base adapter for California Title 24 compliance.

For Retrofit: Use in Prescolite or other compatible 6" recessed housings using supplied screw base adapter.

Easy installation with (3) stainless steel spring clips (pre-installed).

CERTIFICATIONS:
UL/cUL Classified for use in Prescolite or other 6" recessed housings including Halo, Juno, and Lithonia. (See page 3 for more details) Suitable for wet locations. ENERGY STAR qualified. Meets California Title 24 with DBXGL.

WARRANTY:
5 year warranty
Additional information on page 3
See www.prescolite.com for details.



Wall Wash - LB6LEDA10L35K9WW WH

CATALOG NUMBER

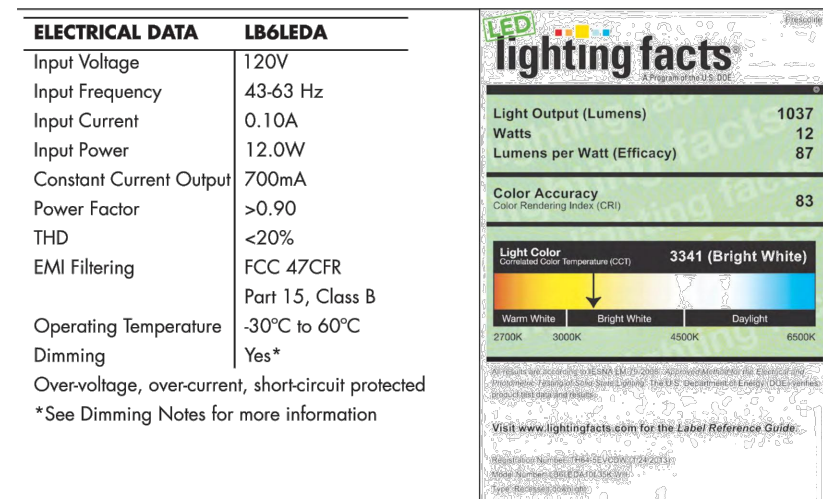
TRIM	LED COLOR	CRI	TRIM	TRIM COLOR	ACCESSORIES
LB6LEDA10L	30K	Blank	Blank	WH	LiteGear®
6" x 1000 Lumen	3000 Kelvin	80+ CRI	Open	White	Inverter, single phase central lighting, 125VA-250VA
LineBox LED	35K	90+ CRI	WW	Wall Wash	LPS Series®
Module with	3000 Kelvin	90+ CRI	SA	Black	LifePower micro-inverter, 20VA-55VA
dimming to	50K		SA	Silver Anodized	DBXGL
15% - 120V	5000 Kelvin		CD	Gold	IC/Nan-C Airtight housing with supply wire quick connects
					IBX50L
					IC/Nan-C Airtight housing with supply wire quick connects

* See Central Inverter compatibility note and web links on page 2.

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PHOTOMETRIC DATA



Central Inverters

For full fixture output in back-up mode, we recommend you visit www.dual-lite.com for your Central Lighting Inverter options. Please contact your local Hubbell representative for any assistance with proper sizing and loading of your inverter selection. Central lighting inverters must be ordered separately.

LiteGear: www.dual-lite.com/products/litegear_lg_series
LPS Series: www.dual-lite.com/products/lps

McDONALDS PUD AMENDMENT #5
LOT 4, CENTENNIAL VALLEY, PARCEL "O" FILING NO. 5,
AMENDED FINAL P.U.D.,
STORE #50-0294
939 W. DILLON ROAD
LOUISVILLE, COLORADO



EV4D-02WAL Series

ARCHITECTURAL LED EMERGENCY LIGHT

FEATURES

- High power LED's offer 248 lumens per lamp with special wide area lens
- Adjustable lamp-heads to optimize light pattern at various mounting heights
- Environmentally Friendly Nickel Metal Hydride Battery
- High impact, flame rated and UV stable white or black thermoplastic housing
- Top mount conduit entry
- Wall Mount Only



SPECIFICATIONS

APPLICATION

- The EV Series is a compact architectural emergency lighting unit designed for ease of installation, reliable operation, and optimized path of egress spacing
- The special lens achieves 50° multiple unit spacing when applied at 7.5' making the EV unit a great selection for long hallways like those in conference centers, hotels, and large open spaces
- The EV Series includes a micro-controlled pulse charger and long-life Nickel Metal Hydride(NiMH) battery
- The EV accepts 120/277VAC input at 60 Hz

CONSTRUCTION

- The EV Series housing, back-plate and lamp-heads are made from durable injection molded thermoplastic
- LED lens are made of acrylic

INSTALLATION

- Universal mounting template molded in the back plate aids in quick installation
- Unit mounts to all single gang and standard 3 1/2" and 4" square or octagonal electrical boxes
- Conduit entry through a molded-in knock-out at the top center
- Pre-stripped AC input leads provided
- Unit is designed for wall mount only

ILLUMINATION

- The EV Series provides bright and uniform illumination to achieve greater than 50' spacing when applied at 7.5'
- This is achieved by high power LED's and special wide area lenses that provide a superior path of egress
- Lamp-heads are adjustable based on mounting height, and have an optimized angle to maximize spacing



RELATED PRODUCTS

- EV-LED Emergency Light
- EVHC-High Capacity LED Emergency Light
- EVO-Remote Head
- EVC-Combination Exit/Emergency Light
- EVE-Exit

COMPLIANCES

- Listed to UL924 Standard
- NFPA 101
- NFPA 70
- RoHS
- CEC T20 Compliant

WARRANTY

- LED Lifetime Warranty
- EV Full 3 year warranty
- EV with Spectron® Full 5 year warranty

KEY DATA	
Lumens per head	248
Wattage	4
Efficacy Range (LPW)	135.5
Rated LED Lifecycle (Hours)	<100,000

ORDERING GUIDE

CATALOG # Example: EV4D-02WAL

EV	Capacity	Rating	Self-Diagnostics	Options
EV Series	4 4W Capacity	D Damp Listed	Blank No Self-Diagnostics I Spectron® Self-Test Self-Diagnostics	02WAL 2W LED lamps with Wide Area Lens B Black Finish

Accessories (Order Separately)

- WGAI Wire Guard - 8" H x 12" L x 4" D
- WGLZ Wire Guard - 6.25" H x 14" L x 4" D
- VRSS Vandal Resistant Shield - 11.5" H x 15.5" L x 4.5" D

ADDITIONAL PRODUCT INFORMATION

ELECTRONICS

Upon failure of normal utility power, a solid-state transfer switch automatically activates the emergency LED lamp-heads. Upon resumption of normal utility power, the battery is disconnected from the load and recharged through a microprocessor controlled pulse charger. The battery is a maintenance-free Nickel Metal Hydride(NiMH) type. The EV series accepts dual-voltage input of 120 or 277VAC at 60 Hz, or an optional 200-240VAC input at 50-60 Hz. A low voltage battery disconnect (LVD) feature protects the battery from severe damage during prolonged power failures. Manual testing is available at any time using the push-to-test button.

Number of lamps- 2 High Power Cree LED's powered at 2W per head, and configured so that if 1 lamp malfunctions, the remaining lamp will continue to provide illumination.

Lamp Color Temp: 6000K

Total Lamp Output: 1.8 watts, 248 lumens per lamp-head

System efficacy: 135.5 lm/w

Rated LED lifecycle: Greater than 100,000 hours

OPTIONAL SPECTRON FEATURE:

- Self-diagnostics monitors LED status, LED load transfer circuit, battery capacity and charger function and displays any fault detection by means of a flashing code
- Self-Test feature automatically runs a 1 minute test once a month and an alternating 30 or 60 minute test once every 6 months. Multi-color LED indicator provides visible fault detection and charging status.
- User initiated 1 or 90-minute system test feature
- 15 minute re-transfer delay
- Automatic unit transfer in brown-out conditions (below 80% of nominal AC input voltage)

OPERATING TEMPERATURE RANGE:

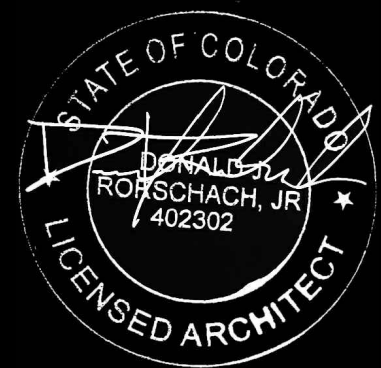
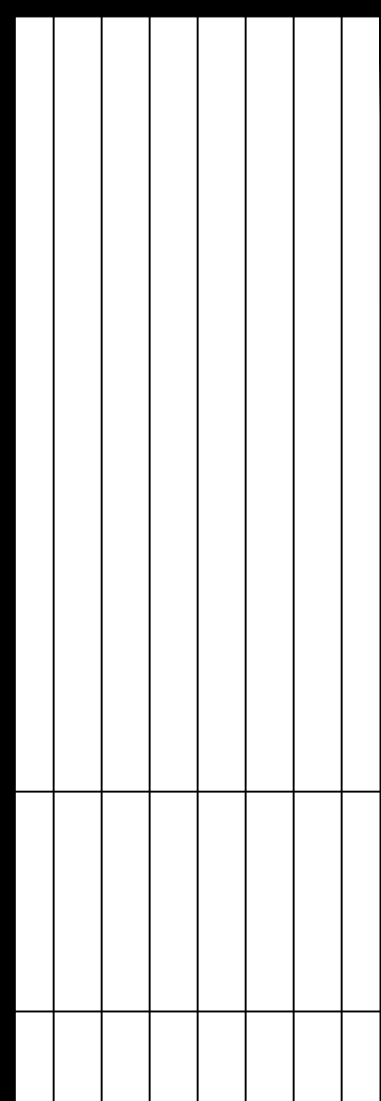
Damp Listed: 50° to 104°F (0° to 40°C)

Weight: 2.0 lbs

MAXIMUM POWER CONSUMPTION

	AC Voltage	Hz	Amps	Watts	Power Factor
EV4D	120	60	0.022	2.00	0.73
	2787	60	0.014	2.75	0.63

Page 23 Rev: 06/26/19 0603405 © 2018 Dual-Lite, a division of Hubbell Lighting, Inc. Specifications subject to change without notice. 701 Midwestern Blvd • Greenville, SC 29607 Tel: 864-678-1000 / Website: www.dual-lite.com



513 MAIN STREET, SUITE 300
FORT WORTH, TEXAS 76102
817.820.0433 or 817.705.3387 c

McDonald's USA, LLC

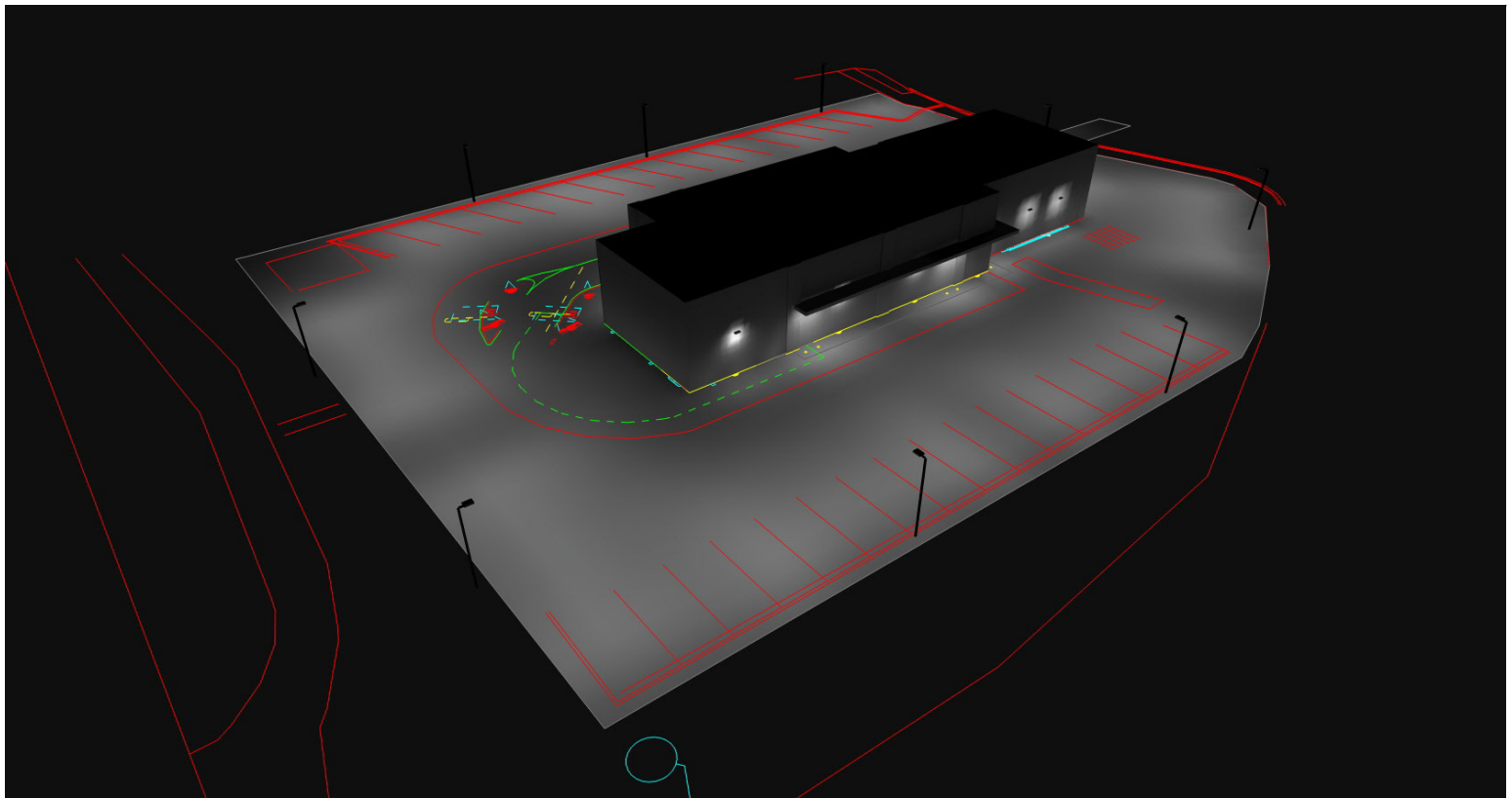
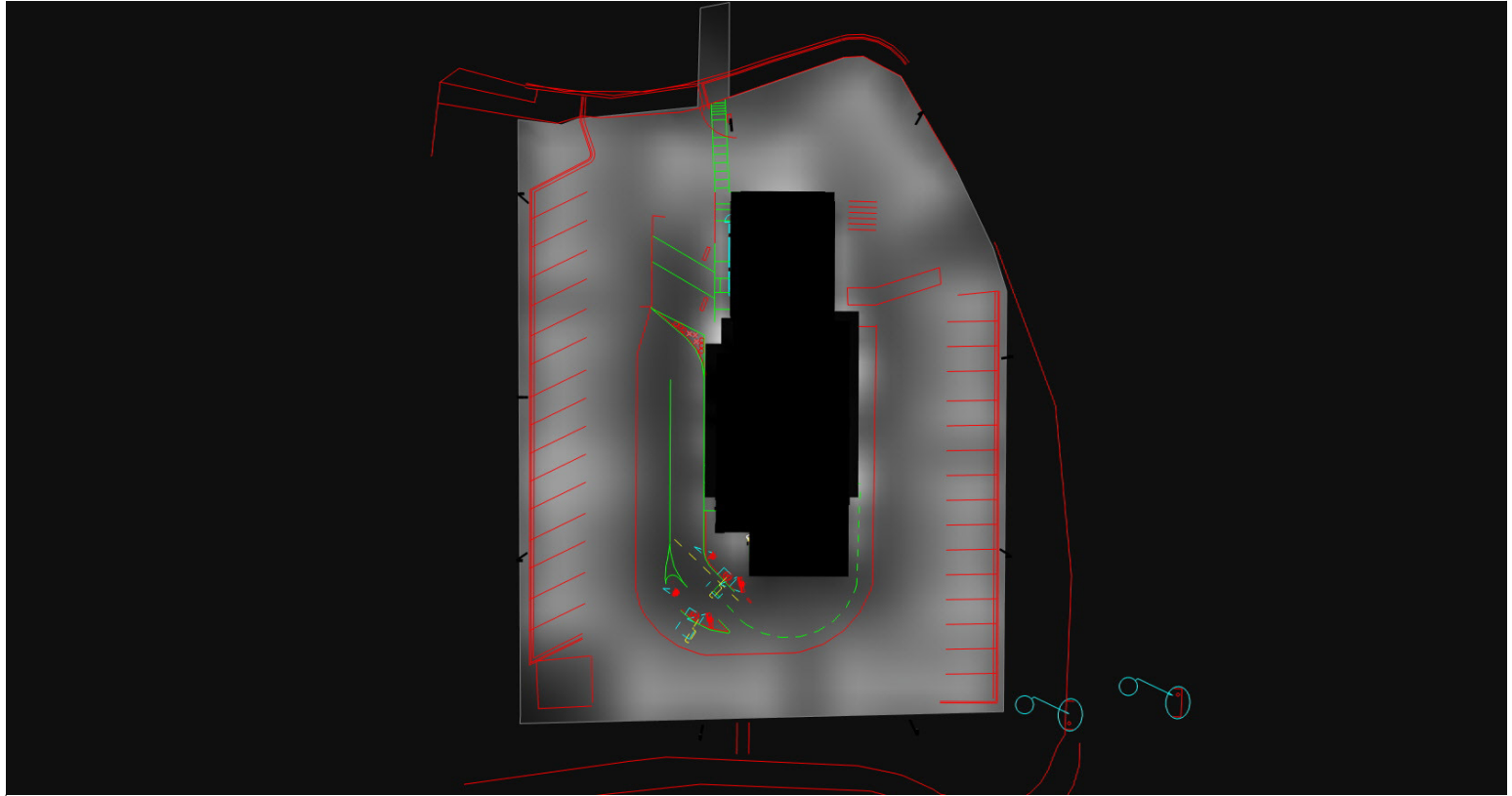
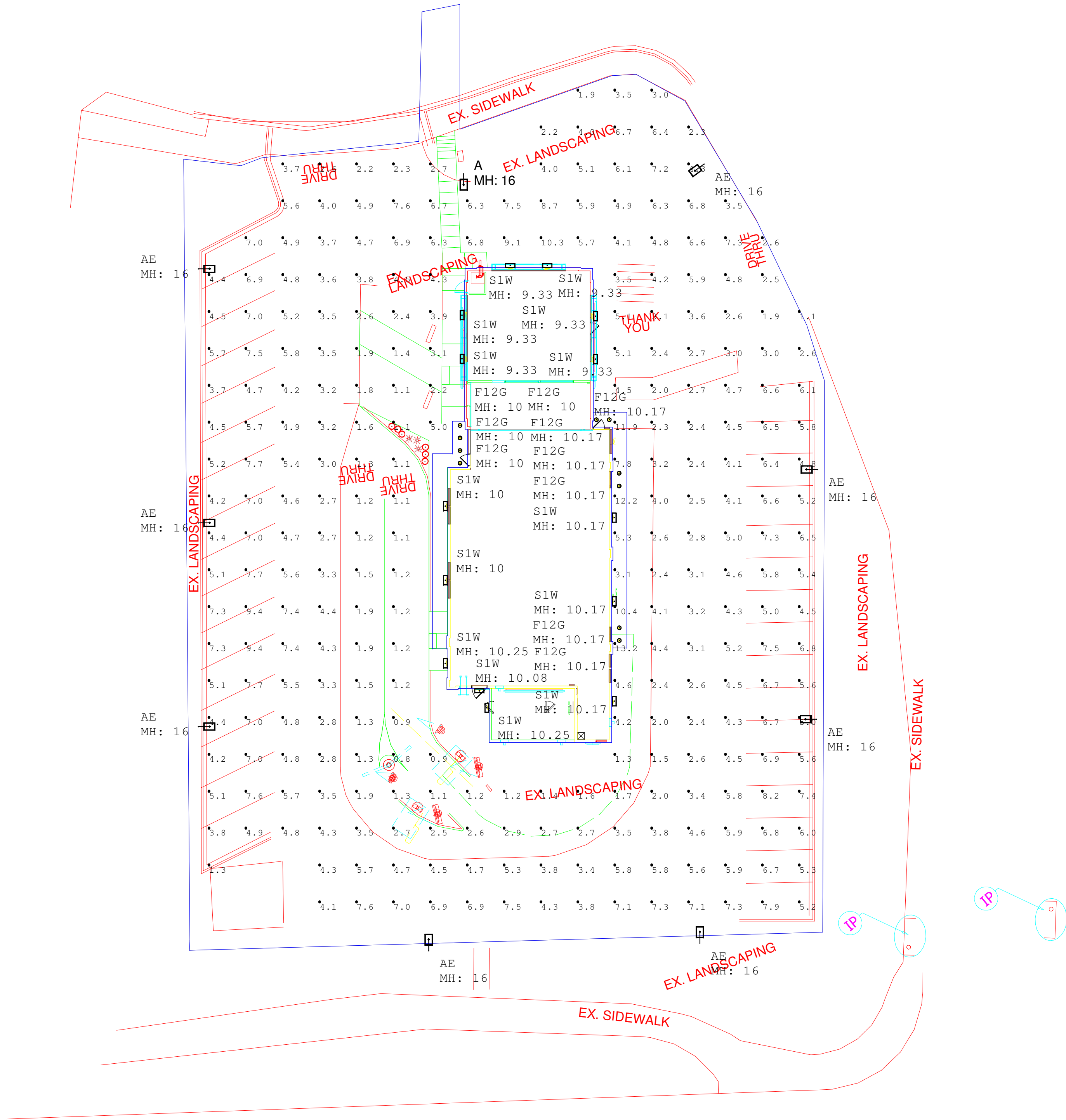
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PROJECT NAME	PROJECT DATE	PROTOTYPE ISSUE DATE	REVIEWED	FIRST ISSUE DATE	SITE ADDRESS
McDONALD'S MAJOR REMODEL	2016	2016	MRR	10/29/2018	835 W DILLON RD, LOUISVILLE, CO 80027
DESCRIPTION	EXISTING 2'x4' WOOD WALL FRAMING				
	EXISTING WOOD ROOF FRAMING MEMBERS				
SITE ID	005-0294				

NOTES:

1. THE FOOTCANDLE LEVELS AS SHOWN ARE BASED ON THE FOLLOWING CRITERIA. ANY SUBSTITUTIONS IN SPECIFIED FIXTURES OR CHANGES TO LAYOUT WILL AFFECT LIGHTING LEVELS SHOWN AND WILL NOT BE THE RESPONSIBILITY OF SECURITY LIGHTING.
2. DISTANCE BETWEEN READINGS _____ 10'

McDONALDS PUD AMENDMENT #5
LOT 4, CENTENNIAL VALLEY, PARCEL "O" FILING NO. 5,
AMENDED FINAL P.U.D.,
STORE #50-0294
939 W. DILLON ROAD
LOUISVILLE, COLORADO



Pole Fixtures Are Full Cutoff
Tilt=0
Calculation Grids Are At Grade
Pole Light Mounting Height=16ft
(14' Pole + 2' Base)

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PAVED SURFACE READINGS	Illuminance	Fc	4.50	13.2	0.8	5.63	16.50

Luminaire Schedule

Symbol	Qty	Label	Arrangement	LLF	Description	Lum. Watts	Mtg Height	Pole Type	EPA
	1	A	SINGLE	0.900	RAR2-320L-140-3K7-4W	133.2	16	SES-14-40-01-TA-GL-XX	0.607
	8	AE	SINGLE	0.900	RAR2-320L-140-3K7-4W	133.2	16	EXISTING	0.607
	10	F12G	SINGLE	0.897	LB6-10LDM-30K9GD	11.9	10 & 10.17	N/A	N/A
	14	S1W	SINGLE	0.900	RWSC-36L-3K-DO-PS	13.7	VARIES	N/A	N/A

Regional Drawing
05-0294

1. THIS LIGHTING DESIGN IS BASED ON INFORMATION SUPPLIED BY OTHERS TO SECURITY LIGHTING SYSTEMS. SITE DETAILS PROVIDED HEREON ARE REPRODUCED ONLY AS A VISUALIZATION AID. FIELD DEVIATIONS MAY SIGNIFICANTLY AFFECT PREDICTED PERFORMANCE. PRIOR TO INSTALLATION, CRITICAL SITE INFORMATION (POLE LOCATIONS, ORIENTATION, MOUNTING HEIGHT, ETC.) SHOULD BE COORDINATED WITH THE CONTRACTOR AND/OR SPECIFIER RESPONSIBLE FOR THE PROJECT.
2. LUMINAIRE DATA IS TESTED TO INDUSTRY STANDARDS UNDER LABORATORY CONDITIONS. OPERATING VOLTAGE AND NORMAL MANUFACTURING TOLERANCES OF LAMP, BALLAST, AND LUMINAIRE MAY AFFECT FIELD RESULTS.
3. CONFORMANCE TO FACILITY CODE AND OTHER LOCAL REQUIREMENTS IS THE RESPONSIBILITY OF THE OWNER AND/OR THE OWNER'S REPRESENTATIVE.
4. THIS LAYOUT MAY NOT MEET TITLE 24 OR LOCAL ENERGY REQUIREMENTS. IF THIS LAYOUT NEEDS TO BE COMPLIANT WITH TITLE 24 OR OTHER ENERGY REQUIREMENTS, PLEASE CONSULT FACTORY WITH SPECIFIC DETAILS REGARDING PROJECT REQUIREMENTS SO THAT REVISIONS MAY BE MADE TO THE DRAWING.



2100 Golf Road, Suite 400, Rolling Meadows, IL 60009
1-800-544-4949

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES

SCALE 1"=20' 0"

DRAWN BY VH

POINT-BY-POINT FOOTCANDLE PLOT FOR
McDONALDS
939 DILLON RD
LOUISVILLE CO

NATIONAL STORE NUMBER

14200

DATE

5/26/2022

7 OF 7

THIS DRAWING MEETS OR EXCEEDS McDONALDS CURRENT ILLUMINATION SPECIFICATIONS OF A 3-4 FOOTCANDLE AVERAGE, UNLESS SUPERSEDED BY OTHER REQUIREMENTS.