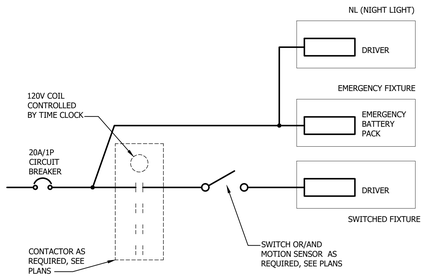
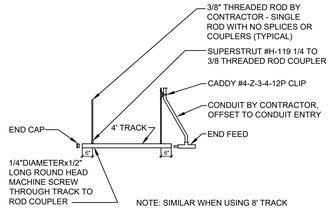
NOTES TO CONTRACTOR:

WIRING DIAGRAM IS FOR INFORMATION ONLY. EMERGENCY BATTERY CONNECTION MAY BE DIFFERENT THAN SHOWN ON THIS DETAIL, REFER TO MANUFACTURER'S SPECIFICATIONS/INSTALLATION INSTRUCTIONS. THE EMERGENCY BALLAST MUST BE FED FROM THE SAME CIRCUIT AS THE AC BALLAST.

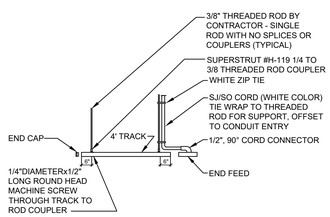
TOILET EXHAUST FAN SHALL BE INTERLOCKED WITH STORE LIGHTS (CONTROLLED BY A TIME CLOCK ONLY).



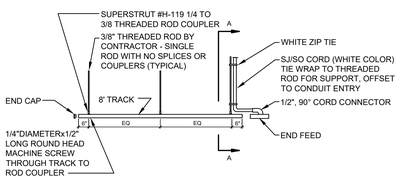
1 E1.0 TYPICAL EMERGENCY BATTERY WIRING
SCALE: NOT TO SCALE



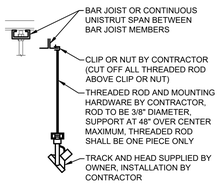
ALTERNATE TRACK MOUNTING DETAIL



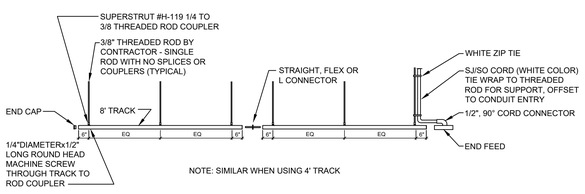
TRACK MOUNTING DETAIL – 4'



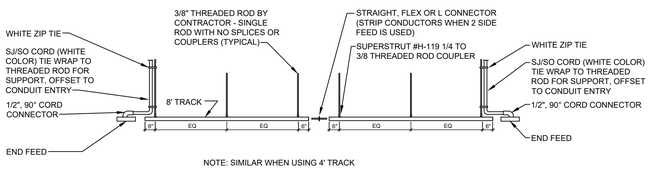
TRACK MOUNTING DETAIL – 8'



DETAIL "A"



TRACK CONNECTION – ONE SIDE FEED



TRACK CONNECTION – TWO SIDE FEED

2 E1.0 TRACK MOUNTING DETAILS
SCALE: NOT TO SCALE

LIGHTING PLAN LEGEND

- LITELINE TRACK LIGHTING - 4' AND 8' LENGTH (REFER TO LUMINAIRE SCHEDULE, TYPE "A"). SEE 2/E1.0 FOR MOUNTING DETAILS
- LED LUMINAIRE, REFER TO LUMINAIRE SCHEDULE
- STRIP LIGHTING FIXTURE, MOUNTING HEIGHT AS SCHEDULED
- LED LUMINAIRE WITH EMERGENCY BALLAST OR INVERTER BACKUP, REFER TO LUMINAIRE SCHEDULE
- NL — LUMINAIRE WITH EMERGENCY BALLAST SERVING AS NIGHT LIGHT (UNSWITCHED, NON-CONTACTED)
- EMERGENCY EGRESS LIGHT, REFER TO LUMINAIRE SCHEDULE, TYPE "D1"
- OWNER FURNISHED CHANDELIER, SEE KEY NOTE #2 ON SHEET E3.0
- EXIT LIGHT, REFER TO LUMINAIRE SCHEDULE, TYPE "E"
- EXIT LIGHT WITH EMERGENCY HEADS, REFER TO LUMINAIRE SCHEDULE, TYPE "E1"
- EMERGENCY LIGHT, REFER TO LUMINAIRE SCHEDULE
- RECESS LUMINAIRE, REFER TO LUMINAIRE SCHEDULE
- EXTERIOR WALL MOUNT LUMINAIRE OR WALL SCONCE, SEE PLANS
- LUMINAIRE WITH EMERGENCY BATTERY BACKUP, REFER TO LUMINAIRE SCHEDULE
- LED TAPE/COVE LIGHT, REFER TO LUMINAIRE SCHEDULE
- OWNER FURNISHED TELEVISION CLUSTER (4 TV'S)

SECURITY SYSTEM

"REFER TO SPECIFICATION SECTION 16052 IN THE PROJECT MANUAL"

SECURITY SYSTEM LEGEND

- SEC — EXISTING HONEYWELL (ADEMCO) SECURITY SYSTEM CONTROL PANEL, TO REMAIN - MODIFY EXISTING CONFIGURATION OF DEVICES AND ADD NEW DEVICES AS REQUIRED
- K — EXISTING KEYPAD, FIELD VERIFY LOCATION
- M — BOSCH DS950 MOTION DETECTOR, MOUNTED AT 11'-0" AFF (ABOVE FINISHED GRADE). (NO SUBSTITUTION)
- M — BOSCH DS9370 360° (360 DEGREES) MOTION DETECTOR MOUNTED TO UNDERSIDE OF BAR JOIST NOT ABOVE 25'-0" AFF - NO SUBSTITUTION
- M — BOSCH DS936 360° MOTION DETECTOR FLUSH MOUNTED ON ACOUSTIC CEILING. (NO SUBSTITUTION)
- G — SENTROL 2205 MAGNETIC DOOR CONTACT WITH 3 FOOT STEEL ARMOR CABLE. USE FOR ROOF HATCH AND ALL PERIMETER DOORS. (NO SUBSTITUTION)
- G1 — SENTROL 1078 RECESSED MAGNETIC DOOR CONTACT, USE FOR ALL ENTRY DOORS (GLASS DOORS). (NO SUBSTITUTION)

SECURITY SYSTEM NOTES

1. ELECTRICAL CONTRACTOR SHALL FURNISH, INSTALL AND PLACE INTO OPERATION A COMPLETE ELECTRONICALLY OPERATED, CLOSE CIRCUIT ADDRESSABLE SECURITY SYSTEM AS DESCRIBED HEREIN AND SHOWN ON THE PLANS.
2. ALL EXISTING SECURITY EQUIPMENT AND DEVICES TO REMAIN UNLESS NOTED OTHERWISE. REUSE/RELOCATE EXISTING DEVICES OR PROVIDE NEW SECURITY SYSTEM DEVICES AS REQUIRED.
3. ALL SECURITY SYSTEM EQUIPMENT SHALL MEET APPLICABLE UL, NFPA AND NEC STANDARDS, OR AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
4. ALL WIRE AND CABLING SHALL BE APPROVED FOR SECURITY ALARM SYSTEM USE AND BE LABELED AS NEC TYPE CL2 OR HIGHER.
5. ALL CABLE SHALL BE NEATLY CONCEALED IN JOIST SPACE OR FISHED IN CONCEALED SPACES WITH SUPPORTS AND INSTALLATION PER CODE. EXTEND CONDUIT FOR ALL SECURITY SYSTEM WIRING TO UNDERSIDE OF BAR JOIST. KEEP SECURITY AND FIRE ALARM WIRING SEPARATE AT ALL TIMES.
6. PROVIDE SECURITY DOOR CONTACT(S) AT EACH DOOR, INCLUDING ROOF HATCH. PROVIDE MOTION DETECTOR AT EACH ENTRY DOOR, AT MANAGER'S ENTRY DOOR, AT OFFICE DOOR, AND RECEIVING OVERHEAD DOOR (IF APPLICABLE).
7. SECURITY ALARM DOOR CONTACT SHALL BE ACTIVE AT ALL TIMES FOR EGRESS ONLY DOOR(S). WHEN THE STORE IS OPEN FOR BUSINESS AND SYSTEM IS DISARMED, THE EGRESS ONLY DOOR(S), IF OPENED, SHALL ACTIVATE A LOCAL ALARM HORN. WHEN THE STORE IS CLOSED AND SYSTEM IS ARMED THE EGRESS ONLY DOOR(S), IF OPENED, SHALL SET OFF ALL LOCAL ALARMS AND NOTIFY THE MONITORING COMPANY SIMILAR TO ANY OTHER SECURITY DEVICE.

NOTE TO CONTRACTOR:

SECURITY SYSTEM DETAILS AND NOTES ARE FOR REFERENCE ONLY. THE CONTRACTOR SHALL FIELD VERIFY IF EXISTING SECURITY SYSTEM CONTROL PANEL IS IN GOOD CONDITION, AND IF SO IT CAN BE REUSED, AS WELL AS ALL OTHER SECURITY SYSTEM DEVICES. PROVIDE NEW SECURITY SYSTEM DEVICES AS REQUIRED OR SHOWN ON PLANS. COORDINATE WITH ROOMS TO GO REPRESENTATIVE.

THE CONTRACTOR SHALL RETAIN AND PAY FOR A "PROFESSIONAL OF RECORD" FOR ALL SECURITY SYSTEM WORK. THE DRAWINGS AND ALL SPECIFICATIONS FOR ALL SECURITY SYSTEM WORK ARE PERFORMANCE IN SCOPE AND INTENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DESIGN, LAYOUT, DETAILS, DRAWINGS, DOCUMENTS, MATERIALS, EQUIPMENT, LABOR AND ALL CRITERIA TO MEET GOVERNING AUTHORITIES, CODES REGULATIONS AND UNDERWRITER'S REQUIREMENTS FOR ALL SECURITY SYSTEM WORK CONTRACTOR SHALL VISIT THE SITE TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS PRIOR TO SUBMITTING BID. A COMPLETE SET OF ALL REQUIRED DOCUMENTS SHALL BE PREPARED AND SUBMITTED FOR APPROVAL.

LITELINE A-LINE TRACK LIGHTING DIMENSIONS

MODEL NUMBER:	ACTUAL LENGTH:
ATK04-WH	44 1/8"
ATK08-WH	92 1/8"

REMARKS:

1. ACTUAL TRACK LENGTH WITHOUT CONNECTORS SHOWN.
2. LITELINE TRACK IS UL LISTED FOR FIELD CUTTING AND DRILLING AND DOES NOT VOID UL LISTING BY DOING SO.
3. LITELINE TRACK HEADS ARE PROVIDED WITH UL LABEL FOR MAXIMUM LOAD OF 20W.
4. OWNER WILL ADDRESS SUPPLY/INSTALL OF TRACK, HEADS, COMPONENTS AND LAMPS IN CONTRACT.

TRACK MOUNTING DETAIL NOTES:

A. PROVIDE SOLID UNISTRUT SUPPORT (P1000) - NO EXCEPTIONS, FIELD DRILL THE NECESSARY HOLES AS REQUIRED, COORDINATE WITH OWNER.

B. SPAN UNISTRUT BETWEEN BAR JOIST MEMBERS ON BOTTOM CHORD OF BAR JOIST (NOT GIRDER), MOUNT UNISTRUT WITH OPEN SIDE FACING UP (CEILING), TRIM OFF EXCESS OF UNISTRUT BEYOND THE BAR JOIST MEMBER - MAXIMUM CANTILEVER OF UNISTRUT SUPPORTS TO BE NO MORE THAN 18" (THIS IS THE ONLY APPLICATION WHERE UNISTRUT SUPPORT IS ALLOWED ON BOTTOM OF BOTTOM CHORD).

C. THREADED ROD SHALL BE ONE PIECE ONLY - SINGLE ROD WITH NO SPLICES OR COUPLERS, CUT OFF EXCESS OF THREADED ROD ABOVE BOTTOM OF BAR JOIST, FIELD DRILL MOUNTING HOLES AS REQUIRED.

D. ALL CONDUIT AND J-BOXES SHALL BE LOCATED ABOVE BOTTOM OF BAR JOIST. PROVIDE SUPPORT, PROTECTION FROM PHYSICAL DAMAGE AND CONNECTIONS FOR VERTICAL DROPS PER NATIONAL ELECTRICAL CODE AND SPECIFICATIONS.

E. IF ALLOWED BY AHJ, SJ/SO CORD (WHITE COLOR) MAY BE USED FOR VERTICAL POWER DROP FROM BAR JOIST J-BOX TO END FEED OF TRACK AS SHOWN IN TRACK MOUNTING DETAILS. INSTALL PER NEC REQUIREMENTS AND SPECIFICATIONS. IF LOCAL AUTHORITY PROHIBITS USE OF SJ/SO CORD, POWER DROP SHALL BE EMT CONDUIT SUPPORTED TO THREADED ROD BY CADDY CLIPS.

FIRE ALARM SYSTEM

"REFER TO SPECIFICATION SECTION 16052 IN THE PROJECT MANUAL"

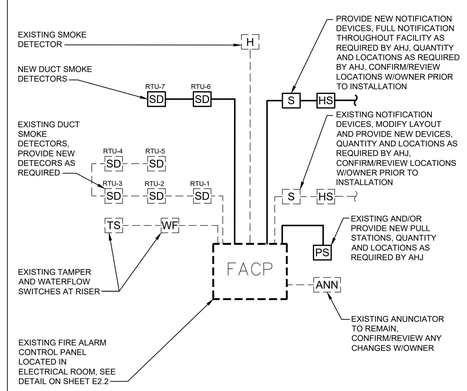
FIRE ALARM SYSTEM LEGEND

- FACP — EXISTING HONEYWELL (ADEMCO) FIRE ALARM SYSTEM CONTROL PANEL TO REMAIN (INTEGRATED SECURITY SYSTEM FOR INTRUSION AND FIRE) - MODIFY EXISTING CONFIGURATION OF NOTIFICATION DEVICES AND ADD NEW DEVICES AS REQUIRED
- ANN — EXISTING REMOTE ANNUNCIATOR, TO REMAIN
- WS — EXISTING WATERFLOW SWITCH
- TS — EXISTING TAMPER SWITCH
- H — EXISTING SMOKE DETECTOR WITH HEAT DETECTOR
- S — STROBE UNIT, WHEELOCK AS-24MCC OR AS-24MCW
- HS — HORN/STROBE UNIT, WHEELOCK RSS-24MCC OR RSS-24MCW (WEATHERPROOF ASWP)
- PS — ADDRESSABLE MANUAL PULL STATION D462, MOUNTED 48" AFF
- SD — DUCT SMOKE DETECTOR D300 WITH SAMPLING TUBE. WIRE RTU CONTROLS THROUGH AUXILIARY CONTACTS TO SHUT DOWN RTU ON ACTIVATION OF DETECTOR. REMOTE TEST/RESET STATIONS (IF REQUIRED) TO BE LOCATED IN ELECTRICAL ROOM.

FIRE ALARM SYSTEM NOTES

1. ELECTRICAL CONTRACTOR SHALL DESIGN, FURNISH, INSTALL AND PLACE INTO OPERATION A COMPLETE ELECTRONICALLY OPERATED, CLOSE CIRCUIT ADDRESSABLE FIRE ALARM SYSTEM AS DESCRIBED HEREIN AND SHOWN ON THE RISER DIAGRAM.
2. THE FIRE ALARM SYSTEM SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AND IN COMPLIANCE WITH APPLICABLE PROVISIONS OF STANDARD #72 PUBLISHED BY THE NATIONAL FIRE PROTECTION ASSOCIATION AND MEET LOCALLY ENFORCED CODE AND ADA REQUIREMENTS.
3. THE CONTRACTOR SHALL UPGRADE EXISTING FIRE ALARM SYSTEM AND PROVIDE NEW NOTIFICATION DEVICES IN EXISTING AREAS AND ADDITIONAL NOTIFICATION DEVICES THROUGHOUT REMODELED AND EXPANSION AREA, AND ADDITIONAL NOTIFICATION APPLIANCE CIRCUIT (NAC) EXPANDER AS REQUIRED.
4. THE ELECTRICAL CONTRACTOR OR FIRE ALARM SYSTEM SUPPLIER SHALL CONTACT THE ENGINEER WITH ANY COMMENTS, EXCEPTIONS AND/OR RESERVATIONS TO THE DRAWINGS AND SPECIFICATIONS PRIOR TO BID. BY NOT IDENTIFYING ANY DIFFERENCES PRIOR TO BID, THE CONTRACTOR IS NOT ENTITLED TO ANY ADDITIONAL MONEY.
5. IT SHALL BE THE RESPONSIBILITY OF THE FIRE ALARM SYSTEM SUPPLIER TO PROVIDE COMPLETE SYSTEM DRAWINGS TO ACCOMPANY THE SUBMITTALS. A CLEARLY LABELED POINT-TO-POINT TERMINATION DIAGRAM SHALL SHOW ACTUAL CONNECTIONS OF THE DEVICES FOR THIS INSTALLATION. SUBMITTALS SHALL ALSO INCLUDE MATERIAL LISTS AND DATA SHEETS DESCRIBING ALL MAJOR SYSTEM COMPONENTS AND QUANTITIES TO BE SUPPLIED.
6. ALL COMPONENTS OF THE SYSTEM SHALL BE U.L. LISTED FOR THEIR INTENDED USE. CONTROL PANELS, DETECTORS, SIGNAL DEVICES AND OTHER FIELD DEVICES SHALL ALL BEAR THE APPROPRIATE U.L. FIRE LABEL. COORDINATE WIRE REQUIREMENTS WITH EQUIPMENT MANUFACTURER.
7. PROVIDE SIGNAL POWER EXPANDERS AND END OF LINE RESISTORS AS REQUIRED.
8. THE FIRE ALARM SYSTEM SHALL TRANSMIT TO A UL LISTED CENTRAL STATION.
9. SYSTEM OPERATION, TESTING, TURN OVER, WARRANTY, COMPLIANCE, AND AFTER MARKET SERVICE SHALL BE PROVIDED BY THE CONTRACTOR (SUPPLIER).
10. ALL CABLE SHALL BE UL LISTED FIRE ALARM CABLE, POWER LIMITED, WHITE COLOR UNLESS REQUIRED BY CODE OTHERWISE, NEATLY CONCEALED EXPOSED IN CEILING JOIST SPACE (I.E. FOLLOW STEEL FRAMING) OR FISHED IN CONCEALED SPACES WITH SUPPORTS AND INSTALLATION PER CODE. CONDUIT NOT REQUIRED EXCEPT WHERE NOTED OR WHERE REQUIRED BY CODE.
11. FOR SURFACE MOUNTED ALARM DEVICES J-BOX SHALL BE A DEEP BACKBOX, RED IN COLOR, WHEELOCK DBB-R #2955 OR SIMILAR. UNLESS NOTED OTHERWISE ON PLANS. THE STANDARD ELECTRICAL J-BOX IS NOT ACCEPTABLE.
12. ALL NOTIFICATION DEVICES IN SALES AREA TO BE CEILING MOUNTED IF ALLOWED BY AHJ. FIRE ALARM DEVICE LOCATIONS IN SHOWROOM/SALES AREA TO BE CONFIRMED WITH OWNER REPRESENTATIVE PRIOR TO INSTALLATION.

FIRE ALARM RISER DIAGRAM



NOTES TO CONTRACTOR

FIRE ALARM DETAILS AND NOTES ARE FOR REFERENCE ONLY.

FIRE ALARM SHOP DRAWINGS SHALL BE SUBMITTED FOR PERMIT TO FIRE/BUILDING DEPARTMENT - A SEPARATE SUBMITTAL IS REQUIRED FROM THE DESIGNER. MODIFICATIONS TO EXISTING FIRE ALARM SYSTEM SHALL BE IN ACCORDANCE WITH NFPA 101, NFPA 72, ADA-ABA AND IBC.

THE CONTRACTOR SHALL RETAIN AND PAY FOR A "PROFESSIONAL OF RECORD" FOR ALL FIRE ALARM SYSTEM WORK. THE DRAWINGS AND ALL SPECIFICATIONS FOR ALL FIRE ALARM WORK ARE PERFORMANCE IN SCOPE AND INTENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DESIGN, LAYOUT, DETAILS, DRAWINGS, DOCUMENTS, MATERIALS, EQUIPMENT, LABOR AND ALL CRITERIA TO MEET GOVERNING AUTHORITIES, CODES REGULATIONS AND UNDERWRITER'S REQUIREMENTS FOR ALL FIRE ALARM WORK. THE CONTRACTOR SHALL VISIT THE SITE TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS PRIOR TO SUBMITTING BID. A COMPLETE SET OF ALL REQUIRED DOCUMENTS SHALL BE PREPARED AND SUBMITTED FOR APPROVAL TO THE PROPER AUTHORITIES.

GENERAL NOTES:

1. ALL WIRING SHALL BE #12 AWG UNLESS NOTED OTHERWISE.
2. ALL CONDUIT BELOW FLOOR SHALL BE 3/4" MINIMUM (EXCEPT AS NOTED). CONTRACTOR MAY USE PVC (POLYVINYL CHLORIDE) WITH GROUND WIRE IF ACCEPTABLE BY AUTHORITIES. CONTRACTOR SHALL INCREASE CONDUIT SIZE IF NECESSARY TO ACCOMMODATE GROUND WIRE. ALL CONDUIT ABOVE FLOOR SHALL BE A MINIMUM 1/2". ALL CONDUIT SHALL BE CONCEALED EXCEPT IN UTILITY ROOM AND AT CT CABINET.
3. ALL RECEPTACLES, SWITCHES, TELEPHONE OUTLETS AND COVER PLATES. SHALL BE WHITE COLOR, EXCEPT TELEPHONE/COMPUTER (T/C) RECEPTACLES AS SCHEDULED, OR IF OTHERWISE NOTED.
4. PROVIDE CODE SIZED GROUND CONDUCTOR IN ALL RACEWAYS. (NOT SHOWN WITH HASH MARKS - PROVIDE GROUND CONDUCTOR IN ADDITION TO THE CONDUCTORS SHOWN).
5. ALL EQUIPMENT SHALL BE LISTED AND LABELED PER NEC AND ALL OTHER APPLICABLE CODES.
6. SEAL ALL PENETRATIONS THROUGH RATED WALLS, FLOOR, CEILING, PER CODE WITH UL LISTED FIRE STOP COMPOUND.
7. EXPOSED CONDUIT DROPS ARE NOT ALLOWED TO PARTITIONS. ALL WIRING TO PARTITIONS SHALL BE CONCEALED, ROUTED UNDERFLOOR. SEE DRAWINGS A1.0, A1.2 AND A6.0 THROUGH A6.4 FOR DIMENSIONS TO PARTITIONS AND INTERIOR ELEVATIONS.
8. ALL HORIZONTAL CONDUIT RUNS ON BUILDING WALLS AND IN CEILING AREA TO BE RUN ABOVE THE BOTTOM CHORD OF ROOF TRUSS (WITHIN BAR JOIST). NO CONDUIT RUNS BELOW THE BAR JOIST OR ON THE EXTERIOR OF BUILDING ALLOWED. PROVIDE RIGID METAL CONDUIT OR IMC AS REQUIRED, AT ENTRY VAULT(S) OR WHERE CONDUIT IS TO BE RUN ABOVE SOLID STEEL BEAMS (GIRDERS), BELOW THE ROOF DECKING.
9. DEVICE LOCATIONS IN SHOWROOM/SALES AREA TO BE CONFIRMED WITH OWNER REPRESENTATIVE PRIOR TO INSTALLATION.

ABBREVIATIONS:

AFF = ABOVE FINISHED FLOOR
AFG = ABOVE FINISHED GRADE
AHJ = AUTHORITY HAVING JURISDICTION
CT = CURRENT TRANSFORMER
C = CONDUIT
EF = EXHAUST FAN
ELC = ELECTRICAL CONTRACTOR
EWC = ELECTRIC WATER COOLER
GC = GENERAL CONTRACTOR
GFI = GROUND FAULT INTERRUPTER
GR = GROUND
IG = ISOLATED GROUND
J-BOX = JUNCTION BOX
MDP = MAIN DISTRIBUTION PANEL
MT. HT. = MOUNTING HEIGHT
NEC = NATIONAL ELECTRICAL CODE
NIC = NOT IN CONTRACT
SPD = SURGE PROTECTIVE DEVICE
RTU = ROOF TOP UNIT
T/C = TELEPHONE/COMPUTER STATION
UH = UNIT HEATER
UNO = UNLESS NOTED OTHERWISE
WP = WEATHERPROOF
XFMR = TRANSFORMER

NOTE: ALL SYMBOLS, NOTES AND ABBREVIATIONS ARE NOT NECESSARILY USED ON THIS PROJECT.

LEGEND

- DUPLEX RECEPTACLE 18" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE, HUBBELL #HBL5352W.
- IG — ISOLATED GROUND OUTLET 18" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE, HUBBELL #CR5352IGGY
- T/C DUPLEX RECEPTACLE 18" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE, HUBBELL #HBL5352GY (GRAY), REFER TO DETAIL ON SHEET E2.2. PROVIDE A DEDICATED NEUTRAL AND DEDICATED GROUND WIRE FOR EACH CIRCUIT (THERE SHALL BE NO "DAISY CHAINING" OF GROUND WIRES).
- DOUBLE DUPLEX RECEPTACLE @ 18" ABOVE FINISHED FLOOR.
- SPECIAL PURPOSE RECEPTACLE 36" ABOVE FINISHED FLOOR OR AS NOTED
- CONCEALED FLOOR DUPLEX RECEPTACLE, PROVIDE HUBBELL FLOOR BOX #CFB2G30 WITH #24GCCVRALU ALUMINUM COVER PLATE AND HUBBELL #HBL5352W RECEPTACLE (OUTLETS MOUNTED ON CARPET FLOORS), OR #24GTCVRALU ALUMINUM COVER PLATE AND HUBBELL #HBL5352W RECEPTACLE (OUTLETS MOUNTED ON HARD FLOORS)
- DISCONNECT SWITCH, AS NOTED ON PLANS
- MOTOR
- JUNCTION BOX
- MULTI-OUTLET RACEWAY ASSEMBLY - SURFACE MOUNTED
- TELEPHONE/COMPUTER OUTLET, REFER TO DETAIL ON SHEET E2.2 - LOW VOLTAGE CABLES PROVIDED BY OWNER.
- PHONE OUTLET @18" ABOVE FINISHED FLOOR OR AS NOTED, PROVIDE A J-BOX AND 3/4"C TO TELEPHONE BACKBOARD
- DATA OUTLET @18" ABOVE FINISHED FLOOR OR AS NOTED, PROVIDE A J-BOX AND 3/4"C TO TELEPHONE BACKBOARD, OR AS NOTED ON PLANS
- CONDUIT BELOW SLAB OR GRADE
- A-2 — INDICATES HOMERUN CONNECT TO PANEL "A", CIRCUIT #2
- HOMERUN, HASH MARKS REPRESENT NEUTRAL AND HOT WIRE - PROVIDE THREE CONDUCTORS (COLOR CODED PER SPECIFICATIONS) - NEUTRAL, HOT AND GROUND WIRE, SIZE AS INDICATED ON PLANS
- $ — TOGGLE SWITCH 48" ABOVE FINISHED FLOOR OR AS NOTED, LEVITON #1221-2-W (LINE VOLTAGE) OR #1081-W (LOW VOLTAGE)
- $ — KEY OPERATED TOGGLE SWITCH 48" ABOVE FINISHED FLOOR 0R AS NOTED, LEVITON #1221-2L-W - NO EXCEPTIONS. PROVIDE 4 KEYS.
- $ — DIMMER SWITCH 48" ABOVE FINISHED FLOOR OR AS NOTED
- $ — WALL VACANCY SENSOR, WATTSTOPPER DW-100, MOUNTED AT 48" ABOVE FINISHED FLOOR
- $ — WALL VACNCY/OCCUPANCY SENSOR, WATTSTOPPER DW-200, MOUNTED AT 48" ABOVE FINISHED FLOOR
- POLE MOUNTED LUMINAIRE AS SCHEDULED
- TV — J-BOX FOR TV SYSTEM, FLUSH MOUNT AT 18" ABOVE FINISHED FLOOR OR AS NOTED ON PLANS. COORDINATE REQUIREMENTS WITH ROOMS TO GO AND TV SYSTEM INSTALLER.
- TV — 3/4" CONDUIT WITH PULL STRING BELOW FLOOR - ROUTE CONDUIT TO THE ELECTRICAL ROOM. RG-6 SOLID COPPER COAX CABLE OR CAT6 CABLE PROVIDED BY TV SYSTEM INSTALLER.
- TV — 3/4" CONDUIT DROPS WITH PULL STRING FROM BAR JOIST SPACE TO J-BOXES FOR TV's (PARTITIONS CONTINUED TO ROOF DECK ONLY). ROUTE CONDUIT TO THE ELECTRICAL ROOM. RG-6 SOLID COPPER COAX CABLE OR CAT6 CABLE PROVIDED BY TV SYSTEM INSTALLER.
- RTU TEMPERATURE SENSOR. PROVIDE J-BOX AT 7'-0" ABOVE FINISHED FLOOR, 1'-0" OFF END OF PARTITION WALL ON NON-MIRRORED SIDE OF PARTITION IN SALES AREA, OR 60" ABOVE FINISHED FLOOR IN OFFICE - COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
- T — RTU THERMOSTAT. PROVIDE J-BOX AT 48" ABOVE FINISHED FLOOR AND 1/2" CONDUIT STUBBED-UP INTO THE CEILING SPACE. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
- CO2 — CO2 SENSOR, PROVIDE J-BOX AT 7'-6" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE, AND 3/4" CONDUIT FROM THE TEMPERATURE SENSOR J-BOX, OR STUB UP INTO THE CEILING SPACE AS REQUIRED - COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR
- P — PHOTO SENSOR, REFER TO PLANS
- O — CEILING MOUNT OCCUPANCY SENSOR, WATTSTOPPER #CI-355
- V — CEILING MOUNT VACANCY SENSOR, LEVITON #O4C20-MDW
- PUSH BUTTON - EDWARDS #852 MOUNTED 48" ABOVE FINISHED FLOOR
- BUZZER - EDWARDS #1065-G5 OR CHIME - EDWARDS #338-G5, POWERED FROM EDWARDS #592 TRANSFORMER
- PARTITION SUPPORT MEMBER. SEE ARCHITECTURAL DRAWING A1.0 FOR LOCATIONS. ROUTE CONDUIT IN PARTITION AROUND SUPPORT MEMBERS.

CASCO
12 Sunnen Drive, Suite 100, St. Louis, MO 63143 T: 314.821.1100

ROOMS TO GO PATIO ADDITION
2832 SW COLLEGE ROAD
OCALA, FLORIDA 34474

CONSTR. DOC. & REVISIONS

No.	Description	Date

EXP. DATE 02/28/23
LIC #71314
HARRY J. AUMAN

Drawn By/Checked By:	ZT
Project Number	2100630
Owner & Permit Date	09/21/21
Bid Date	04/20/22

NOTES, SYMBOLS AND DETAILS

E1.0