GENERAL ELECTRICAL LIGHTING NOTES - TYPE L FIXTURES SURFACE MOUNTED UNDER DECK BELOW. MOUNT BACK BOXES WITH L1. FIXTURES: ALL FIXTURES ARE TYPE 'A' UNLESS NOTED OTHERWISE. REFERENCE EXTENSION COLLARS TO ALLOW LIGHTING FIXTURE SCHEDULE FOR COMPLETE DESCRIPTION OF EACH FIXTURE TYPE. CONDUIT TO RUN ON DECK REFERENCE ARCHITECT'S DRAWINGS FOR EXACT LOCATIONS OF FIXTURES. INSIDE INSULATION. L2. CONTROL: LOWERCASE LETTERS SHOWN ADJACENT TO FIXTURES INDICATE CONTROL BY SWITCHES OR HOMERUNS INDICATED WITH SAME LOWER CASE LETTER. - RUN 6' LIQUID TIGHT FLEX SWITCHES SHOWN NEAR DOORS IN ENCLOSED SPACES CONTROL LIGHTING IN SAME TO EACH FIXTURE ALONG COLUMN LINE B. - RUN RIGID CONDUIT ABOVE ROOF ON - ROOF INSULATION L3. GANGING: MOUNT ADJACENT SWITCHES GANGED. SUPPORTS. REF. ARCHITECTURAL PLANS. (TYPICAL ALL CONDUIT SHOWN THIS PLAN) --- EXTENSION COLLAR L4. SUPPORT: MOUNT ALL LIGHT FIXTURES ACROSS CEILING TEES OR FROM STRUCTURE ABOVE AS APPROVED BY LOCAL AUTHORITIES. PROVIDE GRID CLIPS IF ____1/2" EMT REQUIRED BY LOCAL AUTHORITIES. IN NO CASE SHALL CEILING TILES OR PLASTER - RUN 8' LIQUID TIGHT FLEX CEILING SUPPORT ANY FIXTURE. ----- FIXTURE BACKBOX TO EACH FIXTURE ALONG COLUMN LINE C. - FIXTURE TYPE 'L' L5. SWITCHES: ALL LINE VOLTAGE SWITCHES SHALL BE SPECIFICATION GRADE, RATED 20A REF 01/E3.01 FOR 120/277V. PROVIDE SWITCHES COMPATIBLE WITH RECEPTACLES BY STYLE AND GRADE. CONTINUATION SUBMIT SAMPLES TO ARCHITECT FOR APPROVAL PRIOR TO PURCHASE AND INSTALLATION. VERIFY EXACT LOCATION OF SWITCHES WITH ARCHITECT PRIOR TO INSTALLATION. - CAST ALUMINUM WEATHER PROOF GASKETED JUNCTION BOX WITH WATERTIGHT RIGID AND FLEX SWITCH PLATES: FVR FITTINGS. MOUNT ON SUPPORTS PER SWITCH FACE: FVR ARCHITECTURAL DETAILS. REF. ARCHITECTURAL MANUFACTURER: FVR PLANS. (TYPICAL ALL JUNCTION BOXES THIS PLAN) STYLE - RUN 6' LIQUID TIGHT FLEX → FIXTURE 'L' INSTALLATION TO EACH FIXTURE ALONG COLUMN LINE D. J ELECTRICAL DETAIL L6. PROVIDE LIGHTING CONTACTORS OR RELAYS AS REQUIRED FOR LIGHTING CONTROL N.T.S. AS SHOWN ON PLANS OR DIRECTED BY OWNER. PROVIDE ADDITIONAL SWITCHING CONTROLS IF REQUIRED BY LOCAL ENERGY CODES. WIRE FROM JUNCTION BOXES TO FIXTURES OR SWITCHES. ADDITIONAL JUNCTION BOXES AND SWITCHES MAY BE REQUIRED BEYOND THOSE SHOWN. TYPICAL SWITCHING SHALL BE LOCATED INSIDE EACH ROOM NEAR THE STRIKE SIDE OF EACH DOOR. LB. CROSS HATCHED FIXTURES INDICATE EMERGENCY/NIGHT LIGHT FIXTURES. PROVIDE BODINE B50 BATTERY PACK (OR AS SPECIFIED IN LIGHTING FIXTURE SCHEDULE) FOR ALL EMERGENCY/NIGHT LIGHT FLUORESCENT FIXTURES NOT SERVED BY EMERGENCY POWER. PROVIDE QUARTZ RESTRIKE ACCESSORY WITH RELAY FOR ALL EMERGENCY AND EMERGENCY/NIGHT LIGHT HID FIXTURES, IF ANY. L9. EMERGENCY EGRESS LIGHTING AND EXIT LIGHTS SHALL COMPLY WITH NFPA 101, ALL LOCAL CODES, AND NATIONAL CODES AND REQUIREMENTS. PROVIDE ALLOWANCE FOR 1 ADDITIONAL EMERGENCY EXIT LIGHTS, AND 1 ADDITIONAL EMERGENCY BATTERY PACK LIGHTS. IF REQUIRED, ADDITIONAL LIGHTS ARE TO BE LOCATED AS DETERMINED BY LOCAL AUTHORITIES AND ARCHITECT. ABOVE ROOF LIGHTING L10. COORDINATE ROOF PENETRATIONS OF CONDUIT FOR LIGHTING WITH ARCHITECT. REFERENCE ARCHITECTURAL DRAWINGS FOR ROUTING AND PLACEMENT OF BOXES 1/8"=1'-0" AND CONDUIT FOR EXTERIOR FIXTURES. PROVIDE WATERTIGHT JUNCTION BOXES AND FIELD VERIFY LOCATION AND PLACEMENT OF BOXES. USE WATERTIGHT FLEXIBLE CONDUIT FOR TYPE 'A' FIXTURES. COORDINATE LENGTH AND ARRANGEMENT OF CONDUIT AND CONNECTIONS FOR TYPE 'A' FIXTURES IN FIELD WITH ARCHITECT. - RUN CONDUIT ABOVE - CKT. VIA NORTH-FACING - RUN CONDUIT ABOVE DECK IN ROOF PHOTOCELL. LIGHTS TO DECK IN ROOF INSULATION. REMAIN ON DUSK TO INSULATION. REF 03/E1.0 SWITTEN 1 -PLAN NOMENCLATURE REFERENCE ARCHITECTURAL DRAWINGS FOR ROUTING OF SWITCH DESIGNATION (USED WHEN -MULTIPLE SWITCHES LOCATED IN 0[-1 CONTROLLING SWITCH CONDUIT THROUGH ROOF TO - SET WATERTIGHT J-BOXES SAME VICINITY AND SWITCH LEGS DESIGNATION AND BRANCH TO 'A' FIXTURES TYPE 'A' FIXTURES. CAN NOT BE SHOWN) WITH LIQUID TIGHT FLEXIBLE CONDUIT. SEE NOTE L10. - CIRCUIT NUMBER OF KEYED NOTE REFERENCE -BREAKER SERVING LOAD (USED WHEN CIRCUITING NOT SHOWN) <u>S</u> - CROSS HATCHING INDICATES 90 MINUTE EMERGENCY BATTERY TO BE PROVIDED WITH ATM AREA LIGHT. CONTROL VIA CONTACTOR. REF. POWER PLAN. FIXTURES ON ROOF - LIGHTING FIXTURE TYPE GANGED SWITCHES WITH -COMMON FACEPLATE TC OF REFERENCE RCP FOR LUMINAIRE TYPES. REFERENCE ARCHITECTURAL PROVIDE 90 MINUTE DRAWINGS AND SPECIFICATIONS FOR **EMERGENCY BATTERY** LIGHTING FIXTURE SCHEDULE. POWER FOR ONE LAMP. LAMP TO REMAIN UNSWITCHED. (TYP. 4) MEP SUB-CONTRACTORS ARE

ATM AREA LIGHT.

REF. POWER PLAN.

CONTROL VIA CONTACTOR.

SEE DRAWINGS BY SITE ARCHITEC

FOR EXTENDED AREA ATM LIGHTING

FIXTURE TYPE 'A'

2/E1.0 AND ARCH.

IN FIELD WITH ARCHITECT.

MOUNTED ON ROOF. REF. DECK IN ROOF

DRAWINGS FOR MOUNTING. WITH GC, ROOFING

COORDINATE INSTALLATION CONTRACTOR, AND

TRUN CONDUIT ABOVE

ARCHITECT.

INSULATION. COORDINATE

LIGHTING

ELECTRICAL PLAN

1/8"=1'-0"

RUN CONDUIT ABOVE DECK IN ROOF INSULATION.

LIGHTING CONTACTOR LC1:

HELD 4 POLE CONTACTOR.

SQUARE D LXG40 MECHANICALLY

TIME CLOCK TC1 FOR

SWITCH GROUPS a,

SWITCH FOR

AND ATMS.

DIAGRAM).

TIME CLOCK TC1:

TORK DZS400A ASTRONOMIC 4

CHANNEL DIGITAL SPDT TIME CLOCK.

b, c, d IN TOILETS.

IGH ALL CONTACTOR

...FM F G

(REPERENCE PLYP)

JOI COMPANIES

RESPONSIBLE FOR COORDINATION WITH ARCHITECTURAL PLANS FOR ALL WORK. REFERENCE GENERAL ELECTRICAL NOTE G7/E3.0. REFERENCE PANEL BOARD SCHEDULES FOR ADDITIONAL LOAD AND CIRCUIT INFORMATION.

a