ELECTRICAL GENERAL NOTES

1. MINIMUM CIRCUIT BREAKER SIZE FOR CIRCUITS SHOWN ON PLANS IS 20A, 1 POLE FOR 120VAC UNLESS OTHERWISE NOTED.
2. MINIMUM BRANCH CIRCUIT WIRING SHALL BE #12 AWG. DERATE CONDUCTORS PER NEC FOR VOLTAGE DROP AND CONDUIT FILL.
3. PROVIDE SEPERATE GREEN GROUNDING CONDUCTOR PER NEC (ARTICLE 250) FOR EACH CONDUIT.
4. PROVIDE A SEPARATE NEUTRAL CONDUCTOR FROM PANELBOARD FOR EACH BRANCH CIRCUIT.
5. COORDINATE ALL WORK IMPACTING OTHER TRADES WITH THOSE TRADES.
6. MOUNTING HEIGHTS ARE TO CENTER OF EQUIPMENT/DEVICE UNLESS OTHERWISE NOTED.
7. SEAL WITH AN APPROVED METHOD ANY ELECTRICAL PENETRATIONS THRU FIRE PROOF/RATED WALLS OR AREAS.
8. PROVIDE RACEWAY, WIRE, CABLE AND ASSOCIATED FITTINGS ALONG WITH COMPLETE CONNECTIONS REQUIRED FOR BRANCH CIRCUITS FROM DEVICES TO FINAL OVERCURRENT DEVICE AND LOCAL CONTROL DEVICE(S) PER PROJECT SPECIFICATIONS.

CIRCUITRY, RACEWAYS AND FEEDERS LEGEND

PP2A-1,3,5 / 20A — HOMERUN TO PANEL "PP2A", CIRCUIT #1,3,5 (VIA 20A-3P C/B'S).

EQUIPMENT OR WIRING TO BE REMOVED

EQUIPMENT OR WIRING TO REMAIN

WIRING DEVICES LEGEND

FLUSH MOUNTED TELE/DATA PANEL

SURFACE MOUNTED 120/208V PANELBOARD

B/2A UC/GFI/AC — 125 VOLT, 2 POLE, 3 WIRE, 20 AMP., DUPLEX RECEPTACLE.
"UC" DENOTES UNDER COUNTER
"AC" DENOTES ABOVE COUNTER
"GFI" INDICATES GROUND FAULT TYPE
"B" INDICATES PANEL
"2A" INDICATES ONE POLE OF TANDEM BREAKER IN CIRCUIT 2

2,4 — 250 VOLT SIMPLEX RECEPTACLE
"2,4" DENOTES CIRCUIT NUMBERS
SEE DRAWING E101 FOR NEMA CONFIGURATIONS

42 — 125V, 20A SIMPLEX RECEPTACLE
"42" DENOTES CIRCUIT NUMBER

J — JUNCTION BOX

a S 3 — 120V, 20A, LIGHT SWITCH
"3" INDICATES 3-WAY SWITCH
"a" INDICATES SWITCHING CONFIGURATION

a A — TYPICAL LIGHT FIXTURE
"A" INDICATES FIXTURE TYPE
"a" INDICATES SWITCHING CONFIGURATION
"a" INDICATES SWITCHING CONFIGURATION
"NL/EM" CONNECTED TO UNSWITCHED EMERGENCY CIRCUIT

FIRE ALARM SYSTEM LEGEND

H — HEAT DETECTOR
COMBINATION TYPE ACTUATED BY EITHER A FIXED TEMP OF 135° F OR A RATE OF RISE THAT EXCEEDS 15° F PER MINUTE. PROVIDED WITH TWIST LOCK BASE.

A/V — EXISTING WALL MOUNTED
FIRE ALARM AUDIO / VISUAL NOTIFICATION DEVICE

A/V cd — CEILING MOUNTED/WHITE WITH RED LETTERING
FIRE ALARM AUDIO / VISUAL NOTIFICATION DEVICE
"cd" INDICATES CANDELLA RATING

V cd — CEILING MOUNTED/WHITE WITH RED LETTERING
FIRE ALARM VISUAL NOTIFICATION DEVICE
"cd" INDICATES CANDELLA RATING

COMMUNICATION DEVICES LEGEND

▼ PROVIDE BACKBOX WITH 3/4" EMT CONDUIT TO NETWORK RACK
PROVIDE PULL STRING
"UC" INDICATES UNDER COUNTER

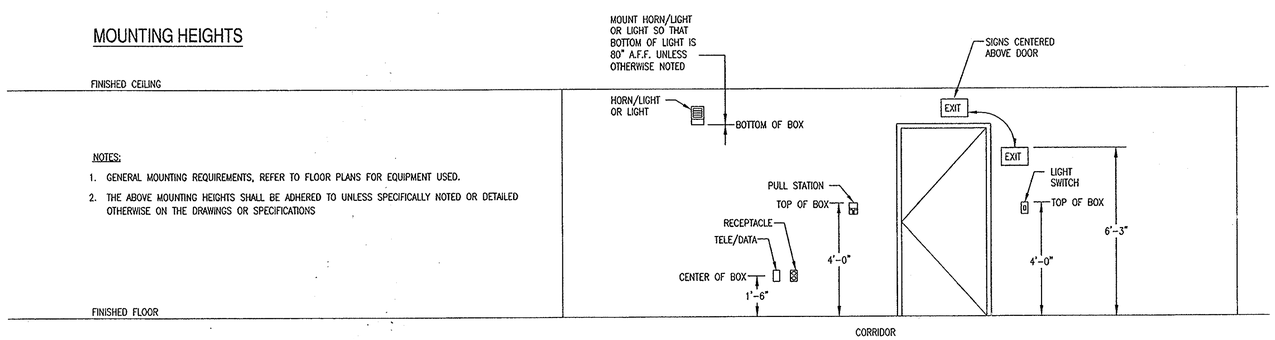
LIGHT FIXTURE SCHEDULE

GRAPHIC SYMBOL	FIXTURE TYPE	MOUNTING	LAMPS	BALLAST/VOLTAGE	REFLECTOR-DIFFUSER	FEATURES	MANUFACTURER AND MODEL NUMBER
A	20" Ceiling Mount	Surface	(4) 27W GU24 Base CFL Self-Ballasted	120V	N/A	Desert Clay color Satin Nickel Finish	Manufacturer: Two Thousand Degrees Model: 700TDMULFM-L-C-S-CF
B	48" Low Voltage Track Lighting	Surface	(4) 75W MR 16 Each 4' Track Run	120V/24V Single Feed Surface Mt	N/A	Satin Nickel Finish	Manufacturer: Tech Lighting Mono Rail Model: 700MOA-48-S Light Model: 700-MO-SW-06-S Transformer Model: 700MOSRT624D-S Connector Model: 700MOCHED-S
C	48" and 96" Line Voltage Track Lighting	Surface mount to existing junction boxes in ceiling Provide new anchoring where indicated	(4) 32W GX24Q-3 Base CFL Self Ballasted	120V	N/A	Desert Clay color Satin Nickel Finish	Manufacturer: Tech Lighting T-Track Model 48": 700TTA-48-S T-Track Model 96": 700TTA-96-S Light Model: 700-TT-LEXP-C-S-CF Power Feed Model: 700TTP4CCC-06-S Flexible Connector Model: 700TTCFXH-C-S
D	6" Surface Mount Cylinder	Surface mount to existing junction boxes in ceiling	(1) 42W Triple Tube Horizontal CFL	Universal High Power Factor	White Spray Reflector Prismatic Lens	N/A	Manufacturer: Omega Model: OM6-H-42PLT-SC-SPL-PL-U
E	6" Shallow Recessed	Recess in Ceiling	(1) 42W Triple Tube Horizontal CFL	Universal Ballast Connect to Existing 277V Circuit	White Spray Reflector Prismatic Lens	N/A	Manufacturer: Omega Model: OM6-1H-42PLT-SRD-SPL-PL-120/277
F	4' Surface Wall Mount	Wall Mount 9' A.F.F.	(2) 32W T8	Universal Electronic <10% THD	N/A	Downlight Only	Manufacturer: Cooper Model: BA-232-UNV-EB81
G	8' and 12' Canopy Track Lighting	Surface Mount to Canopy	(1) 40W G9 Bi-Pin Base T4 Bulb Clear Finish	120V	Optic Swirl Ivory Cone Shade w/Lens (Finger Glass Enclosure)	2' Pendant with Bicycle Cable and Track Adapter (Silver)	Manufacturer: Con-Tech Lighting Track Model 8': LT-8-P Track Model 12': LT-12-P Light Model: RCG123 Pendant Model: RLM924N-S Power Feed Model: LA-9-P
H	11' LED Strip Light	Install Within Entry Sign Cove	4100°K Standard CRI 2" Spacing Between LEDS	120V High Power Constant Current LED Driver 350mA Constant	Convex Clear Lens	Matte Clear Anodized Finish	Manufacturer: MP Lighting Model: L101-N-11-2-W41S-120-C-MA Ballast Model: LED3W350
J	6" Shallow Recessed Nightlight/Emergency	Recess in Ceiling	(1) 42W Triple Tube Horizontal CFL	Universal Ballast Connect to Existing Unswitched/Emergency 120V Circuit	White Spray Reflector Prismatic Lens	N/A	Manufacturer: Omega Model: OM6-1H-42PLT-SRD-SPL-PL-120/277
K	Exit Sign	Universal Mount	LED Lamping	120/277V Input Connected to Existing Emergency Circuit	White Housing with Red Lettering	N/A	Manufacturer: Sure-Lites Model: LPX-6-0-R-WH

MOUNTING HEIGHTS

NOTES:

1. GENERAL MOUNTING REQUIREMENTS, REFER TO FLOOR PLANS FOR EQUIPMENT USED.
2. THE ABOVE MOUNTING HEIGHTS SHALL BE ADHERED TO UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE ON THE DRAWINGS OR SPECIFICATIONS



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REVISIONS

NO.	DATE	DESCRIPTION	REV.	CK'D

NOTE:
Unauthorized alteration or addition to this drawing is a violation of the New York State Education Law Article 145, Section 7209.

GENERAL NOTES AND LEGENDS

STATE OF NEW YORK · CASEY H. SMEENK · 021178 · LICENSED PROFESSIONAL ENGINEER
Date 4-13-09

Project Manager: R. NAPOLI
Designed by: B. ELIASZ
Drawn by: B. ELIASZ
Checked by: C. SMEENK
Date Issued: APRIL 10, 2009
Scale: AS NOTED

Project Number: 8058.00
File Name:

Drawing Number:

E001

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