(NOTE: NOT ALL SYMBOLS SHOWN ARE USED ON DRAWINGS)

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
▭	4' OR 8' FLUORESCENT LIGHT FIXTURE
○	LIGHT FIXTURE CONNECTED TO NIGHT LIGHT/EMERGENCY CIRCUIT OR EQUIPPED W/ INTEGRAL BATTERY PACK
⊢	4' OR 8' FLUORESCENT STRIP LIGHT FIXTURE
⊢○	4' OR 8' EMERGENCY FLUORESCENT STRIP LIGHT FIXTURE
⊢○	WALL MOUNTED LIGHT FIXTURE
$_M	MOTOR RATED SWITCH WITH OVERLOADS. MOUNT 48" A.F.F.
⇐	DUPLEX RECEPTACLE, +18" AFF TO CENTERLINE–UON
GFCI ⇐	DUPLEX CONVENIENCE RECEPTACLE WITH INTERNAL GROUND FAULT FAULT CIRCUIT PROTECTION.
WP ⇐	WEATHERPROOF DUPLEX RECEPTACLE.
Ⓔ	EQUIPMENT CONNECTION. (CONTRACTOR SHALL PROVIDE ALL WIRING CONDUIT, MOTOR STARTER, OVERCURRENT PROTECTIVE DEVICES, DISCONNECT SWITCH, ETC. REQUIRED TO CONNECT EQUIPMENT ELECTRICALLY. EQUIPMENT MAY BE PROVIDED BY DIVISION 16 OR OTHERS)
T	TRANSFORMER (SHOWN TO SCALE ON PLAN)
▯	DISCONNECT SWITCH
▨	DISCONNECT SWITCH, FUSED
100/100/3	FDS SIZE/FUSE SIZE/NUMBER OF POLES
⏚	GROUND
▬	ELECTRICAL PANELBOARD (480/277 VOLT).
▨	ELECTRICAL PANELBOARD (208/120 VOLT).
TC	TIME CLOCK, RATING AS INDICATED. MOUNT 54" A.F.F.
PE	PHOTO–ELECTRIC CONTROL. MOUNT ABOVE ROOF PARAPET LINE FACING NORTH.
⫴	CIRCUIT WITH 2#12, 1#12G. CONDUCTORS AND 1/2" C. IS REQUIRED WHEN NO MARKS ARE SHOWN UON
⊢	CONDUIT STUBBED UP AND CAPPED
A–1 ⫴→	HOMERUN TO PANEL A, CIRCUIT 1
A–1,3,5 ⫴→	CIRCUIT HOMERUN – THREE CIRCUITS INDICATED
◀	DATA OUTLET. MOUNT 15" A.F.F. UNLESS U.O.N. BY DRAWINGS OR SPECIFICATIONS PROVIDE A 4" SQ. BOX W/ SINGLE DEVICE PLASTER RING, 3/4" E.C. WITH PULLSTRING STUBBED INTO NEAREST ACCESSIBLE CEILING.

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
A	AMPERES OR TRIP AMPERES
AFF	ABOVE FINISHED FLOOR
AIC	AMPERE INTERRUPTING CAPACITY
ARCH	ARCHITECT
AT	AMPERE TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CLG	CEILING
CT	CURRENT TRANSFORMER
EXIST.	EXISTING
FACP	FIRE ALARM CONTROL PANEL
FCU	FAN COIL UNIT
FLA	FULL LOAD AMPS
GALV	GALVANIZED
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
Kcmill	1000 CIRCULAR mils
KV	KILOVOLTS (THOUSAND VOLTS)
KVA	KILOVOLTS–AMPS (THOUSAND VOLT–AMPS)
KW	KILOWATT (THOUSAND WATTS)
MCA	MINIMUM CIRCUIT AMPS
MCB	MAIN CIRCUIT BREAKER
MH	MANHOLE
MLO	MAIN LUGS ONLY
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRIC CODE
OE	OVERHEAD ELECTRIC
PB	PULL BOX
PE	PHOTO ELECTRIC
RECEPT	RECEPTACLE
RLA	RATED LOAD AMPS
TC	TIME CLOCK
TYP	TYPICAL
UE	UNDERGROUND ELECTRIC
UH	UNIT HEATER
UL	UNDERWRITER'S LABORATORY
UON	UNLESS OTHERWISE NOTED
V	VOLTS
VA	VOLT AMPERES
WP	WATER PROOF
WR	WEATHER RESISTANCE
XFMR	TRANSFORMER

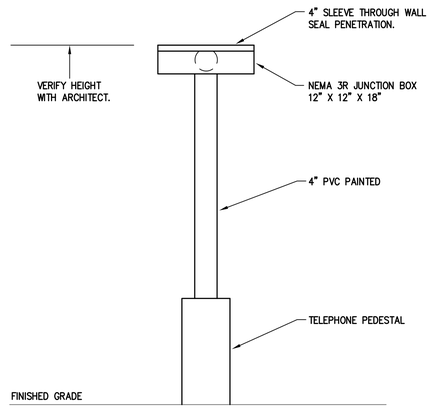
LIGHTING SCHEDULE

NOTE: INSTALL THE FOLLOWING LIGHTING FIXTURES AND COMPONENTS. ELECTRICAL SUBCONTRACTOR SHALL PROVIDE FRAME–IN KITS AND ACCESSORIES AS REQUIRED.

TYPE	MANUFACTURER & CATALOG NO.	VOLTS	LAMP TYPE	MOUNTING	REMARKS
A	WALL SCONCE COOPER – SHAPER #674–31–WP–T5/2/21–120–BM	120V	2–21 WATT T5	SURFACE WALL	
B	WALL PACK COOPER – McGRAW EDISON #IMT–42–CF–120–2S–BZ–F	120V	1–42 WATT CFL	SURFACE WALL	
C	PARKING LOT AREA LIGHT & POLE COMBO COOPER – LUMARK #PFT–1–40–23–P–20–9	208V	1–400 WATT PULSE START M.H.	POLE	20'–0" POLE

GENERAL NOTES:

1. ALL CONDUCTORS SHALL BE COPPER, #12 AWG MINIMUM, UNLESS OTHERWISE NOTED. REFER TO SECTION 260519 FOR VOLTAGE DROP LIMITATIONS
2. ALL CONDUIT SHALL BE 1/2" MINIMUM, UNLESS OTHERWISE NOTED. MINIMUM CONDUIT SIZES FOR TELECOMMUNICATION SHALL BE 1"C.
3. CONFIRM COMPATIBILITY BETWEEN CEILING TYPES, DEFINED IN THE ARCHITECTURAL ROOM. FINISH SCHEDULES & THE LIGHT FIXTURE TRIM AND MOUNTING HARDWARE DEFINED IN THE LIGHTING FIXTURE SCHEDULE, PRIOR TO PURCHASING LIGHT FIXTURES.
4. FOR EXACT LOCATION OF MECH. AND PLUMBING EQUIP., REFER TO MECH. AND PLUMBING DRAWINGS.
5. FURNISH AND INSTALL IN–LINE FUSES FOR ALL UNSWITCHED LIGHT FIXTURES AND NIGHT LIGHT (UL) DESIGNATED LIGHT FIXTURES.



1 TELEPHONE SERVICE DETAIL
SCALE: NOT TO SCALE

GARY SHAW ARCHITECTS
design + planning
1821 margaret st.
austin, texas 78704
off; (512)416–8471
fax; (512)416–8478

STATE OF TEXAS
L. L. MYERS, JR.
REGISTERED
PROFESSIONAL ENGINEER
33310
11/19/12

KENEDY RETAIL

131 BUSINESS PARK DRIVE
KENEDY, TEXAS 78119

project no.
167.1201

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11/19/12

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revisions

ELECTRICAL LEGEND, SCHEDULE & DETAILS

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AYS Engineering, LLC
MEP CONSULTING ENGINEERING
203 E. Main Street, Suite 204 -Round Rock -TX 78664
www.AYSeng.com -512-961-6835
TBPE Firm F-10298