



Architects
Engineers
Planners

New Construction of:
Lyons - Sawgrass Shopping Center
FOR: LYONS TRADE CENTER, LLC
Coconut Creek, Florida

00343-001

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Javier F. Salman, AIA
Reg. No.: ARO014410

06/22/05

#1 1/17/06 BLDG DEPT COMMENTS
#2 4/11/07 REVISED LIGHT POLE
#3 5/10/07 REMOVED POLES

SITE LIGHTING PLAN

5/20/07
E-1

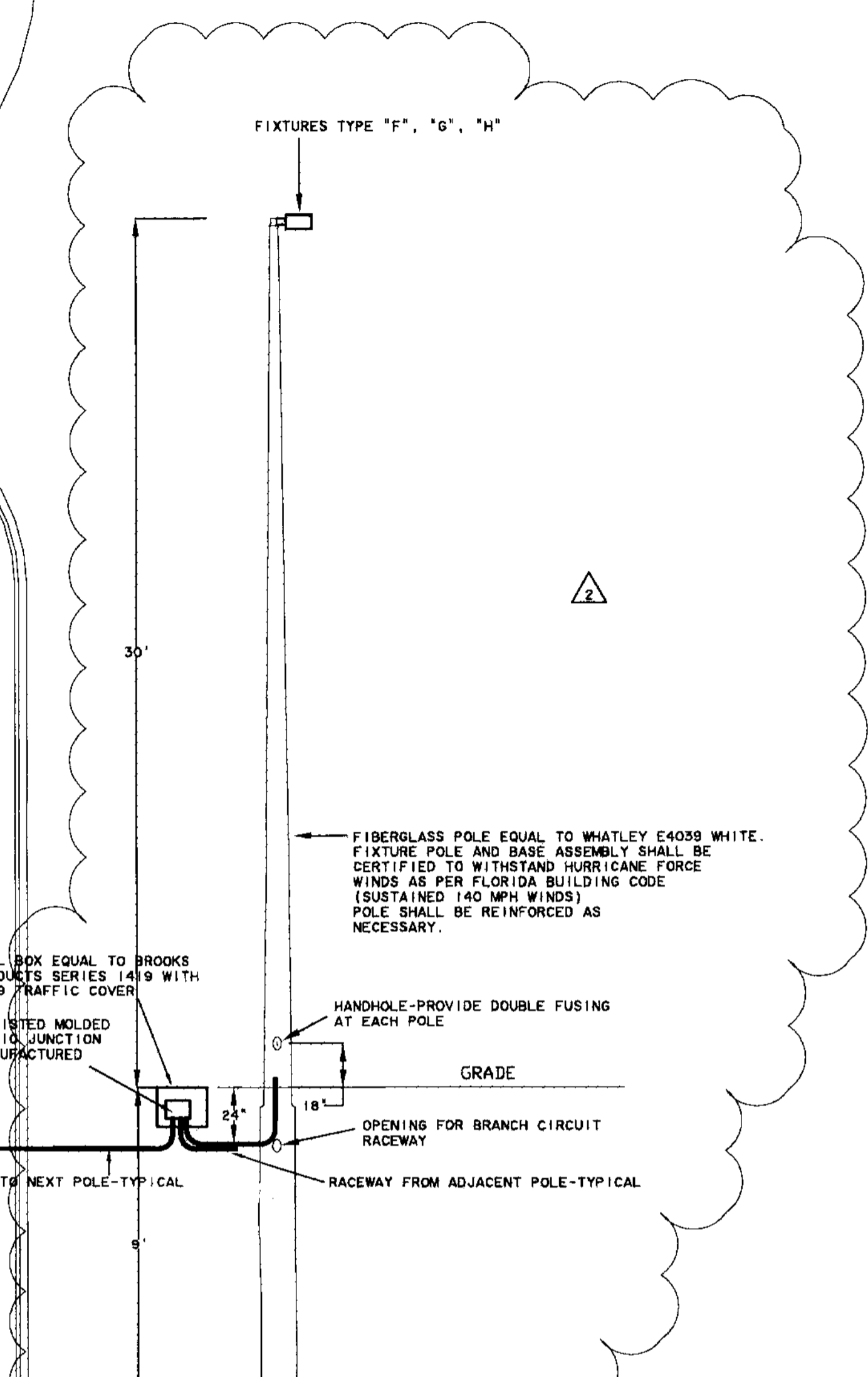
SYMBOL LEGEND

- | SYMBOL | DESCRIPTION |
|--------|---|
| □ | FLOUORESCENT LIGHTING FIXTURE, LETTER DENOTES TYPE-HATCHING DENOTES EMERGENCY |
| ○ | CEILING MOUNTED LIGHTING FIXTURE, LETTER DENOTES TYPE |
| ■ | POST MOUNTED LUMINAIRE, LETTER DENOTES TYPE |
| ○ | INCANDESCENT OR HID LIGHTING FIXTURE, WALL MOUNTED, LETTER DENOTES TYPE |
| ○ | EXIT LIGHT, DIRECTIONAL ARROWS AS SHOWN, LETTER DENOTES TYPE |
| ⊕ | DUPLEX RECEPTACLE, 20A, 125V, 18 IN AFF OR AS NOTED |
| ⊕ | DUPLEX RECEPTACLE, 20A, 125V, GROUND FAULT INTERRUPTING, 42 IN AFF |
| ⊕ | SINGLE POLE SWITCH, 48 IN AFF OR AS NOTED |
| ⊕ | TELEPHONE OUTLET, 18 IN AFF OR AS NOTED |
| □ | ELECTRICAL PANELBOARD, SEE SCHEDULE |
| □ | JUNCTION BOX, SIZED AS NOTED |
| □ | DISCONNECT SWITCH-(3)POLES, (30)FRAME, (15)FUSE SIZE |
| ⊕ | STARTER OR CONTACTOR |
| ⊕ | MOTOR CONNECTION, SIZE AS NOTED |
| ○ | THERMOSTAT, 5 FT AFF |
| WP | DENOTES WEATHERPROOF EQUIPMENT |
| AFF | ABOVE FINISHED FLOOR TO CENTER LINE |

ELECTRICAL NOTES

- CONDUCTORS SHALL BE COPPER #12 THIN OR THIN MINIMUM RUN IN RIGID GALVANIZED STEEL CONDUIT, INC OR EMT AS PERMITTED BY CODE. SCHEDULE 40 PVC, WITH BOND WIRE SIZED AS PER NEC, MAY BE USED UNDER FLOOR SLABS ON FILL OR ELSEWHERE AS NOTED ON THE PLANS ONLY. ALL RACEWAYS SHALL BE SIZED TO NATIONAL ELECTRICAL CODE ANNEX C CONDUIT FILL TABLES.
- RIGID GALVANIZED STEEL CONDUIT SHALL BE USED WHERE EXPOSED UP TO 4 FEET AND SUBJECT TO MECHANICAL INJURY OR IN DAMP OR WET LOCATIONS.
- STEEL RACEWAYS INSTALLED UNDERGROUND SHALL BE PAINTED WITH TWO COATS BITUMASTIC PAINT.
- WALL OUTLET BOXES SHALL BE 4" SQUARE. CEILING OUTLET BOXES SHALL BE 4" SQUARE OR OCTAGON.
- CONTRACTOR SHALL INSTALL PITCH PANS FOR ALL RACEWAYS THRU ROOF.
- CONTRACTOR SHALL FURNISH AND INSTALL ALL WIRING DEVICES, CONDUIT, WIRING, MISCELLANEOUS SYSTEMS, ETC AS SHOWN ON PLANS OR AS REQUIRED FOR A COMPLETE ELECTRICAL INSTALLATION.
- FIXTURES AND LAMPS SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR, UNLESS NOTED OTHERWISE.
- PANELBOARDS AND LOADCENTERS-ALL CURRENT CARRYING COMPONENTS SHALL BE COPPER. SPLIT OR TWIN TYPE BREAKERS ARE NOT ACCEPTABLE.
- DISCONNECT SWITCHES SHALL BE GENERAL DUTY.
- PROVIDE PULL STRING IN EACH EMPTY RACEWAY.
- CONTRACTOR SHALL DO ALL CUTTING, SLEEVING, EXCAVATING AND BACKFILLING NECESSARY FOR THE INSTALLATION OF HIS EQUIPMENT AND THE PATCHING THEREAFTER.
- CONTRACTOR SHALL INSTALL ALL STARTERS AND CONTROL DEVICES FURNISHED BY OTHER CRAFTS AND COMPLETE WIRING IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS AND APPROVED WIRING DIAGRAMS. ELECTRICAL EQUIPMENT FURNISHED BY OTHERS WILL BE CONNECTED UNDER THIS CONTRACT, INCLUDING ALL NECESSARY WIRE, CONDUIT AND FITTINGS. CONTROL WIRING SHALL BE UNDER THE SUPERVISION OF THE SUB-CRONTACTOR FURNISHING THE EQUIPMENT.
- ELECTRICAL WORK SHALL COMPLY WITH ALL APPLICABLE LOCAL OR NATIONAL CODES AND WITH THE UTILITY COMPANY REGULATIONS.
- PRIOR TO INSTALLATION OF ROUGH ELECTRIC WIRING, CHECK NAMEPLATE DATA OF AIR CONDITIONING EQUIPMENT, HOT WATER HEATERS AND OTHER EQUIPMENT TO OBTAIN CORRECT WIRE SIZES AND OVERCURRENT PROTECTION.
- ELECTRICAL INSTALLATIONS SHALL CONFORM TO REQUIREMENTS OF N.E.C. 110.26 AND N.E.C. 409.8 FOR SWITCHBOARDS AND PANELBOARDS, INCLUDING SPACES ABOVE THE EQUIPMENT.
- ANY CABLE SYSTEM RUN EXPOSED IN RETURN AIR PLENUMS SHALL BE RATED FOR USE IN RETURN AIR PLENUMS.
- ALL WIRING SHALL BE COLOR CODED AS PER NEC:
120/208V
PHASE A-BLACK
PHASE B-RED
PHASE C-BLUE
NEUTRAL-WHITE
COLOR CODING SHALL BE MAINTAINED THROUGHOUT THE SYSTEM.

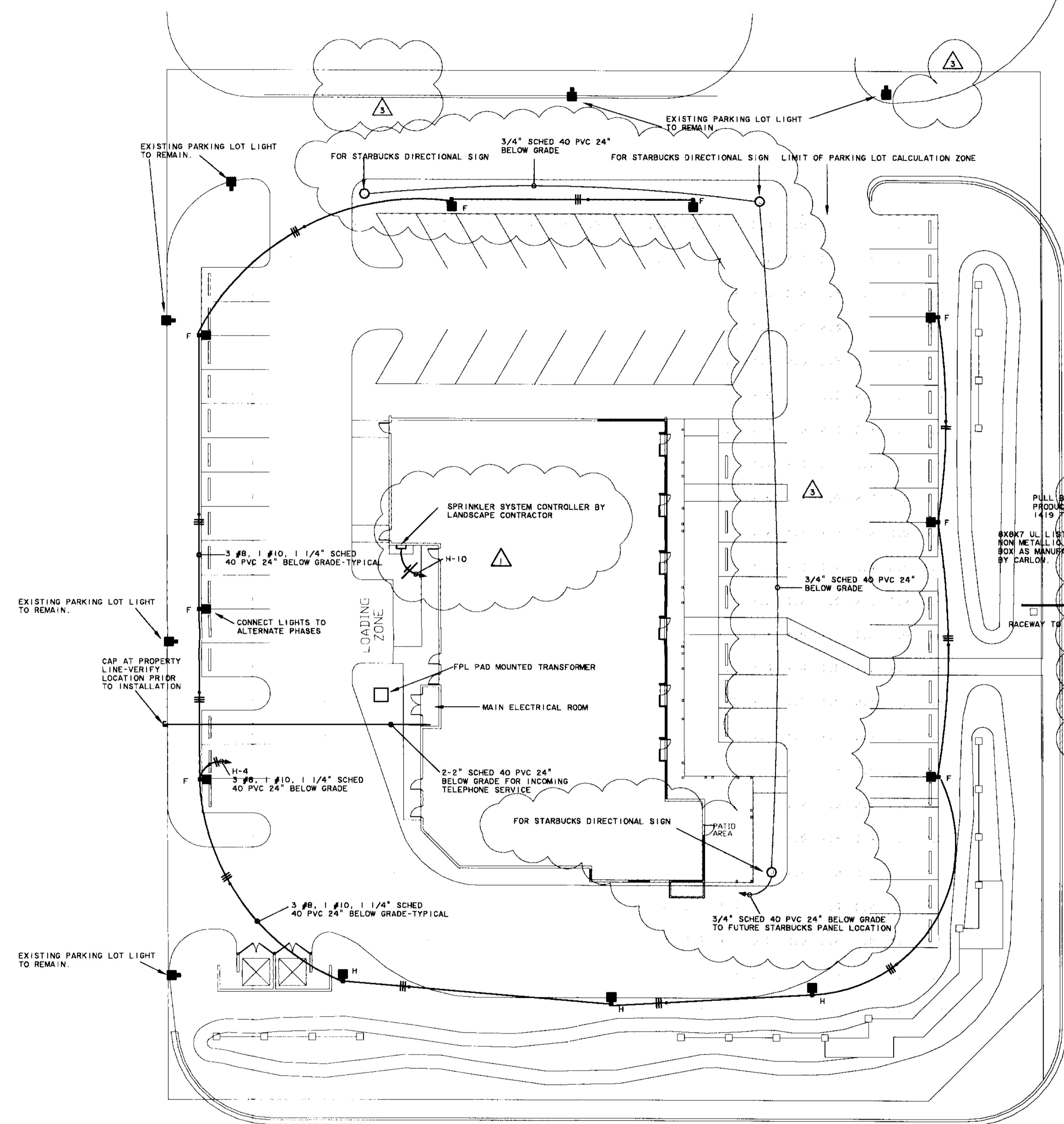
TYPICAL POLE DETAIL



FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOGUE NO	LAMPS	MOUNTING (REMARKS)
C	PRESCOLITE	LFHSQL-HI3-175MH-175MHFE-13FSRPR-LTG-B6	175W MH	CEILING RECESSED
D	PRESCOLITE	LFHSQL-HI0-100MH-100MHFE-9SRTPR-LTG-B6	100W MH	CEILING RECESSED
E	HUBBELL	DLS1-70MH-120-DB2-RCF	70W MH	WALL-8' AFF
F	KIM	AR4/400MHHS	400W MH ED-28CL	POLE-SEE DETAIL
G	KIM	AR2/400MHHS	400W MH ED-28CL	POLE-SEE DETAIL
H	KIM	AR3/250MHHS	250W MH ED-28CL	POLE-SEE DETAIL
J	COLUMBIA	CS4-232-EB8120-CWS46	2-32W T8	CEILING SURFACE
X	PRESCOLITE	NV3REW-CVS	INCLUDED	WALL OR CEILING (2)

(2) NORMAL AND BATTERY OPERATED EXIT SIGN



SITE PLAN
SCALE: 1"=20'-0"

CURRIER ASSOCIATES
CONSULTING ENGINEERS (305)446-8655
FLA LIC. #EB 0000830
CHARLES CURRIER, ELECTRICAL ENGINEER, FLA PE #11529
250 CATALONIA AVE SUITE 406 CORAL GABLES, FL 33134