

SITE CONTROL PLAN

Scale : 1/16" = 1'-0"

COCONUT CREEK LIGHTING REQUIREMENTS
 SEC. 13-374 - LIGHTING STANDARDS AND REQUIREMENTS.
 GENERAL REQUIREMENTS. ALL PARKING AREAS, WALKWAYS, DRIVEWAYS, COMMERCIAL, PUBLIC, OFFICE, INDUSTRIAL, MULTIFAMILY, RESIDENTIAL OR OTHER SIMILAR USES HAVING OFF-STREET PARKING AND/OR LOADING AREAS AND BUILDING COMPLEXES REQUIRING AREA LIGHTING, SHALL BE ILLUMINATED AS FOLLOWS:
 (1) ONE-HALF HOUR AFTER SUNSET TO ONE-HALF HOUR BEFORE SUNRISE ON A DAILY BASIS.
 (2) NONGLARE, COLOR CORRECTED LIGHTS SHALL BE INSTALLED.
 (3) A "POINT TO POINT" LIGHTING PLAN SIGNED AND SEALED BY AN ENGINEER REGISTERED IN THE STATE SHALL BE SUBMITTED BY THE DEVELOPER WITH ANY SITE PLAN APPLICATION. THE LIGHTING SYSTEM SHALL NOT BE PLACED IN PERMANENT USE UNTIL THE DESIGN ENGINEER HAS CERTIFIED IN WRITING THAT THE SYSTEM HAS BEEN FIELD TESTED AND HAS BEEN INSTALLED AND IS FUNCTIONING PER THE APPROVED PLANS AND SPECIFICATIONS. THE LIGHT INTENSITY PROVIDED AT GROUND LEVEL IN THE AREA TO BE ILLUMINATED SHALL BE A MINIMUM OF FIVE-TENTHS (0.5) FOOTCANDLE FOR RESIDENTIAL DEVELOPMENTS AND ONE (1) FOOTCANDLE FOR COMMERCIAL AND INSTITUTIONAL DEVELOPMENTS AND FIVE-TENTHS (0.5) FOOTCANDLE FOR INDUSTRIAL DEVELOPMENTS. THE MAXIMUM TO MINIMUM FOOTCANDLE LEVEL SHALL NOT EXCEED A 12:1 RATIO.
 (4) THE CURRENT EDITION OF THE "IES LIGHTING HANDBOOK," PUBLISHED BY THE ILLUMINATION ENGINEERING SOCIETY OF NORTH AMERICA IS THE STANDARD TO BE USED BY THE ARCHITECT OR ENGINEER AS A GUIDE FOR THE DESIGN AND TESTING OF PARKING FACILITY LIGHTING. THE STANDARDS CONTAINED THEREIN SHALL APPLY UNLESS STANDARDS DEVELOPED AND ADOPTED BY THIS SECTION OR SUBSEQUENT AMENDMENTS ARE MORE SEVERE, IN WHICH CASE THE MORE RESTRICTIVE STANDARDS SHALL APPLY.
 (5) ANY OTHER LIGHTING, SUCH AS BUILDING, RECREATION FACILITIES AND SIDEWALK ILLUMINATION, DRIVEWAYS WITH NO ADJACENT PARKING AND ORNAMENTAL LIGHTING SHALL BE SHOWN ON THE LIGHTING PLAN IN SUFFICIENT DETAIL TO ALLOW DETERMINATION OF THE EFFECTS UPON ADJACENT PROPERTIES, TRAFFIC SAFETY AND OVERHEAD SKY GLOW. THE OBJECTIVE OF THESE SPECIFICATIONS IS TO MINIMIZE UNDESIRABLE OFF-PREMISES EFFECTS.
 (6) NO LIGHT SHALL SHINE DIRECTLY INTO WINDOWS OR ONTO STREETS AND DRIVEWAYS IN SUCH A MANNER AS TO INTERFERE WITH OR DISTRACT DRIVER VISION OR THE PRIVACY OF A DWELLING UNIT.
 (7) SITE LIGHTING POLES SHALL NOT BE LOCATED IN LANDSCAPE PLANTING ISLANDS THAT SEPARATE PARKING SPACES SIDE TO SIDE.
 (ORD. NO. 115-06, § 307.06, 7-10-06; ORD. NO. 159-07, § 307.06, 6-11-07; ORD. NO. 103-97, § 2-9-97; ORD. NO. 163-97, § 4, 10-23-97)

C.C. LIGHTING REQUIREMENTS 04

Calculation Summary

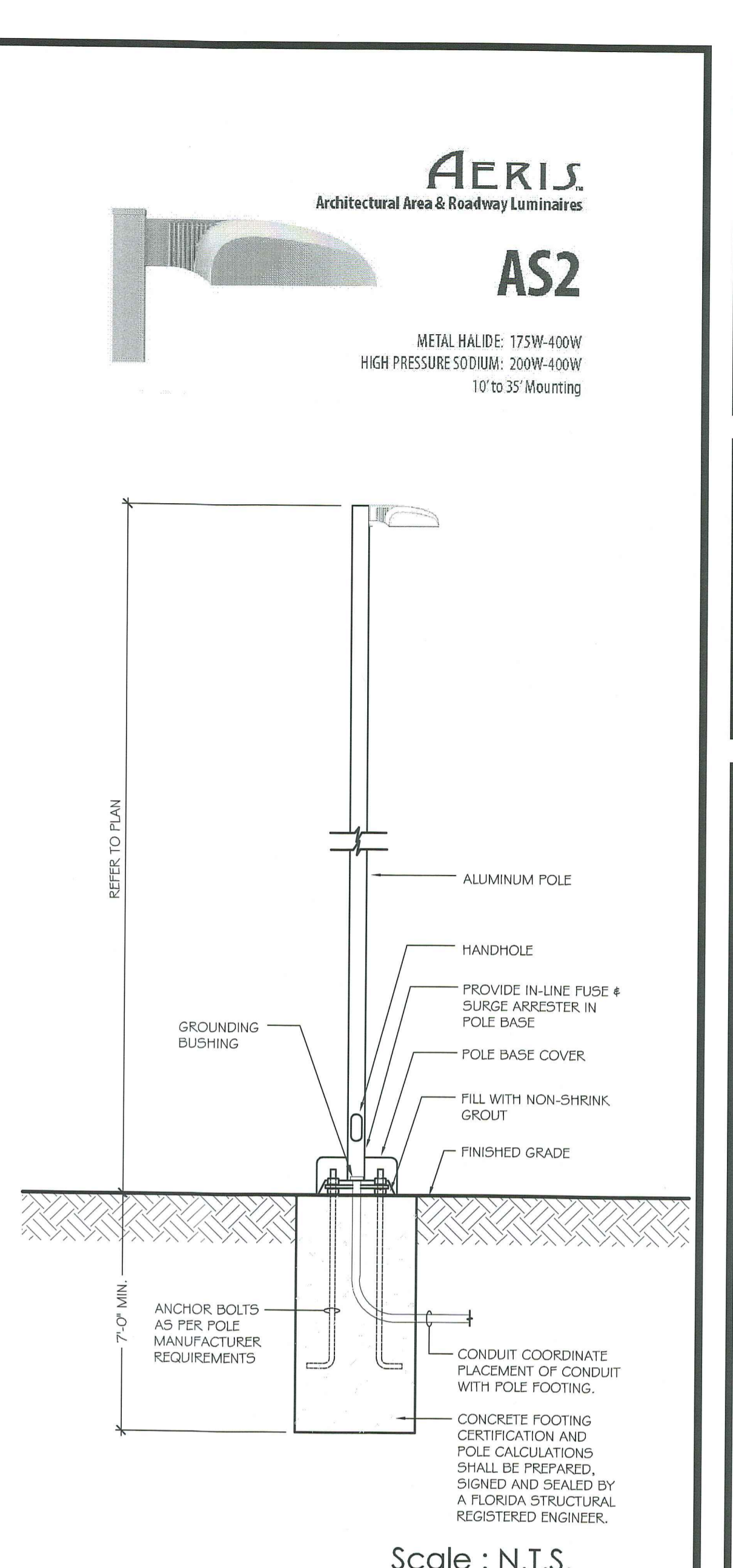
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Property Line	Illuminance	Fc	0.30	0.9	0.0	N.A.	N.A.
Site	Illuminance	Fc	2.97	5.2	1.1	2.70	4.73

CALC. SUMMARY

Luminaire Schedule

Symbol	Qty	Label	Arrangement	LLF	Description	Lum. Watts	No. Lamps	Lumens/Lamp
☐	12	S4	SINGLE	0.720	LITHONIA AS2 400M SR43C (PULSE START)	456	1	38000

LUMINAIRE SCHEDULE



POLE AND LUMINAIRE DETAIL 03

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LUMINAIRE SCHEDULE



CONSULTANT
 STATE OF FLORIDA
 REGISTERED ARCHITECT
 Gregory B. Molina
 FL. REG. # AR 93354
 DATE: 03-26-13
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DRG SUBMITTAL FOR
COCONUT CREEK MOB
 4890 ACCESS ROAD, LLC
 4890 ACCESS RD COCONUT CREEK, FLORIDA 33073

DRAWING ISSUE DATES:

DRG COMMENTS	04-11-13

SITE PLAN
 PHOTOMETRIC

SHEET
PH - 1
 PROJECT 130218
 DATE 03-26-13
 PERMIT NO.