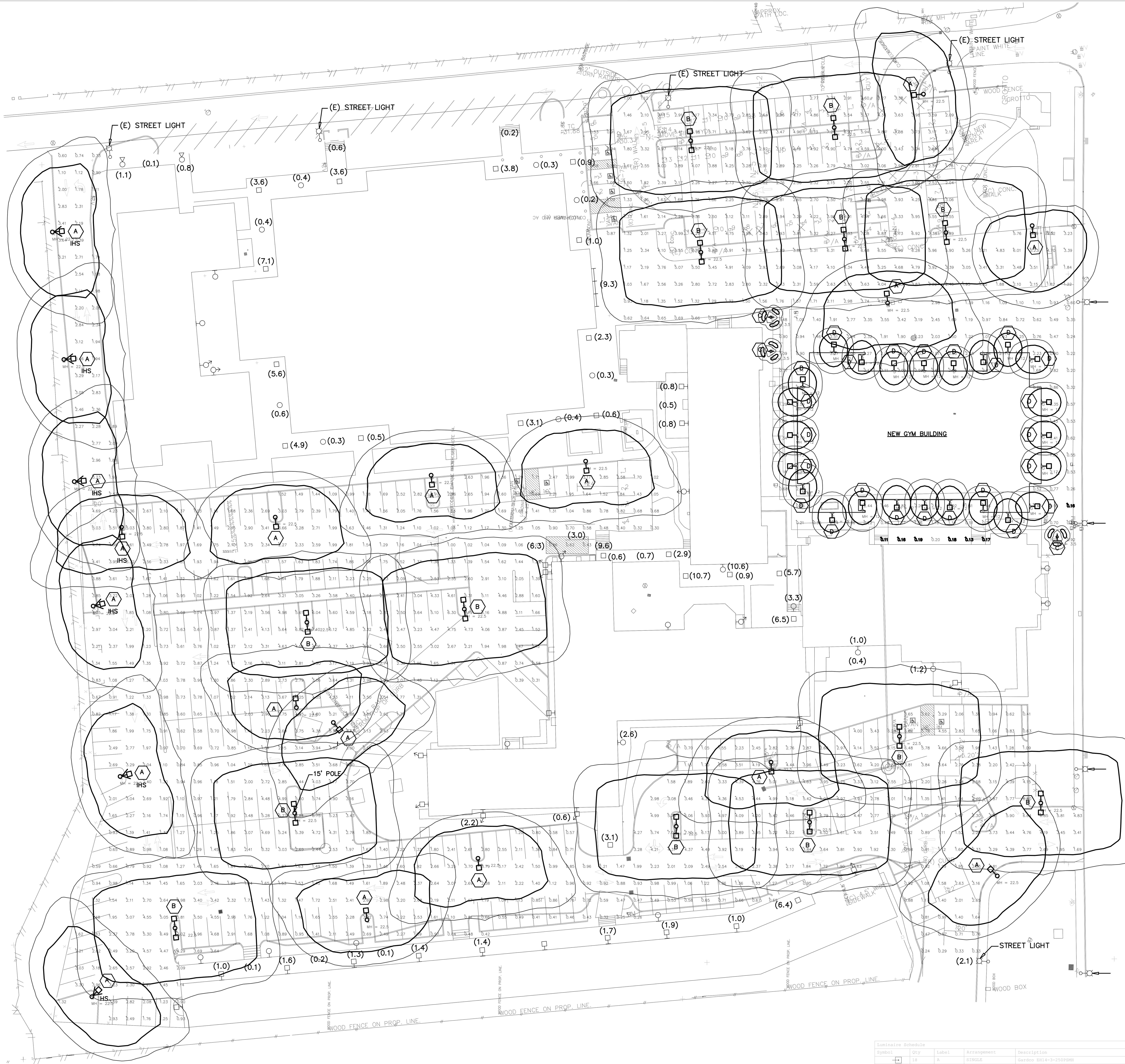

FIXTURE SCHEDULE:

Symbol	Type	Description
o-□	A	SINGLE HEAD 250 WMH 20' POLE ON 2 1/2' BASE (+22.5') GARDCO FORM 10 #EH14-1-3-250MH-208
□-o-□	B	DOUBLE HEAD 250 WMH 20' POLE ON 2 1/2' BASE (+22.5') GARDCO FORM 10 #EH14-2-3-250MH-208
•	C	42" DOUBLE BOLLARD 42W CFL GARDCO #BRM-824-42-32TRF-120
⊢□	D	WALL CUT OFF FIXTURE 42W CFL +12' GARDCO #113-MT-U-42TRF-120 or ENERGIE 'DUPLO' #D1D-42-120

LIGHT SYMBOLS INDICATE EXISTING FIXTURES TO REMAIN.

(1.2) (E) LIGHT LEVEL (FC).

(E) EXISTING

LIGHTING SUMMARY

ILLUMINATION LEVELS ARE IN ACCORDANCE WITH IES RECOMMENDATIONS WITH CUT OFF LUMINAIRES.

a) NORTHEAST PARKING: 3.4FC AVG. AND .05FC MINIMUM MAINTAINED
b) SOUTHWEST PARKING: 2.24FC AVG. AND 0.24FC MINIMUM MAINTAINED.
c) NEW BUILDING PEDESTRIAN WALKS: 1.43FC AVG. AND 0.11 MINIMUM MAINTAINED.
d) EXISTING PEDESTRIAN PATHWAY LIGHTING LEVELS LIGHTING LEVELS AROUND EXISTING BUILDINGS ARE INDICATED ON PLAN BY ( ).

Luminaire Schedule

Symbol	Qty	Label	Arrangement	Description	No. Lamps	Lumens/Lamp	Total Lamp Lumens	LLD	LDD	BF	LLF	Filename
	18	A	SINGLE	Gardco EH14-3-250PSMH	1	21000	21000	0.760	0.900	1.000	0.684	EH14-3-150F.ies
	13	B	BACK-BACK	Gardco EH14-3-250PSMH	1	21000	21000	0.760	0.900	1.000	0.684	EH14-3-150F.ies
	3	C	SINGLE	Gardco BRM820-32TRF-BLP	1	N.A.	N.A.	0.860	0.900	1.000	0.774	BRM820-32TRF-BLP.IES
	24	D	SINGLE	Gardco 113-MT-U-42TRF	1	3200	3200	0.860	0.900	1.000	0.774	113-MT-U-42F.ies
	1	A-1	SINGLE	Gardco EH14-FM-250PSMH	1	21000	21000	0.760	0.900	1.000	0.684	EH14-FM-150F.ies

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Building Perimeter	Illuminance	Fc	1.43	3.55	0.11	13.00	32.27
NE Parking	Illuminance	Fc	3.40	7.89	0.50	6.80	15.78
SE Parking	Illuminance	Fc	2.42	7.84	0.24	10.08	32.67

1 / E1.0 ELECTRICAL SITE LIGHTING PLAN

SCALE: 1" = 30'-0"

0 15' 30' 60' FEET

REF. NORTH TRUE NORTH

Case+Abst Architects LLP
1033 POLK STREET
SAN FRANCISCO, CA 94109
415.351.3900

BWF
06077.02
JOB NUMBER
BWF CONSULTING ENGINEERS
ELECTRICAL ENGINEERS
510 MYRTLE AVENUE, SUITE 100
SOUTH SAN FRANCISCO, CALIFORNIA 94080
(650) 871-0220
FAX: (650) 871-0224

STRUCTURAL ENGINEER
DEGENKOLB ENGINEERS
235 MONTGOMERY ST.
SUITE 500
SAN FRANCISCO, CA 94104
415.392.6952

LANDSCAPE ARCHITECT
KIKUCHI & ASSOCIATES
730 MILL STREET
HALF MOON BAY, CA 94019
650.726.7100

MECHANICAL/PLUMBING ENGINEER
LAWS & ASSOCIATES
1801 MURCHISON DRIVE
SUITE 160
BURLINGAME, CA 94010
650.697.5691

ELECTRICAL ENGINEER
BWF CONSULTING ENG.
510 MYRTLE AVENUE
SUITE 100
S.SAN FRANCISCO,CA 94080
650.871.0220

CIVIL ENGINEER
KAVANAGH ENGINEERING
708 CAROLAN AVENUE
BURLINGAME, CA 94010
650.579.1944

New School Gymnasium For:

Saint Matthew

Catholic Church

One Notre Dame Avenue, San Mateo, CA 94402

Date:	11/29/10
Project Number:	611-101
Scale:	1"= 30'-0"
Drawn By:	D.V.

No.	Revision	Date
10	Planning Submittal	10.06.11
9	Planning Submittal	09.23.11
8	Planning Submittal	04.13.11
7	Planning Submittal	02.01.11
6	Planning Submittal	12.14.10
5	Planning Submittal	12.18.08
4	Planning Submittal	07.24.08
3	Planning Submittal	01.24.08
2	Planning Submittal	09.14.07
1	Planning Submittal	06.07.07

ELECTRICAL
CAMPUS
SITE LIGHTING PLAN

E1.0

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PLOTTED: Oct 10, 2011-11:29am