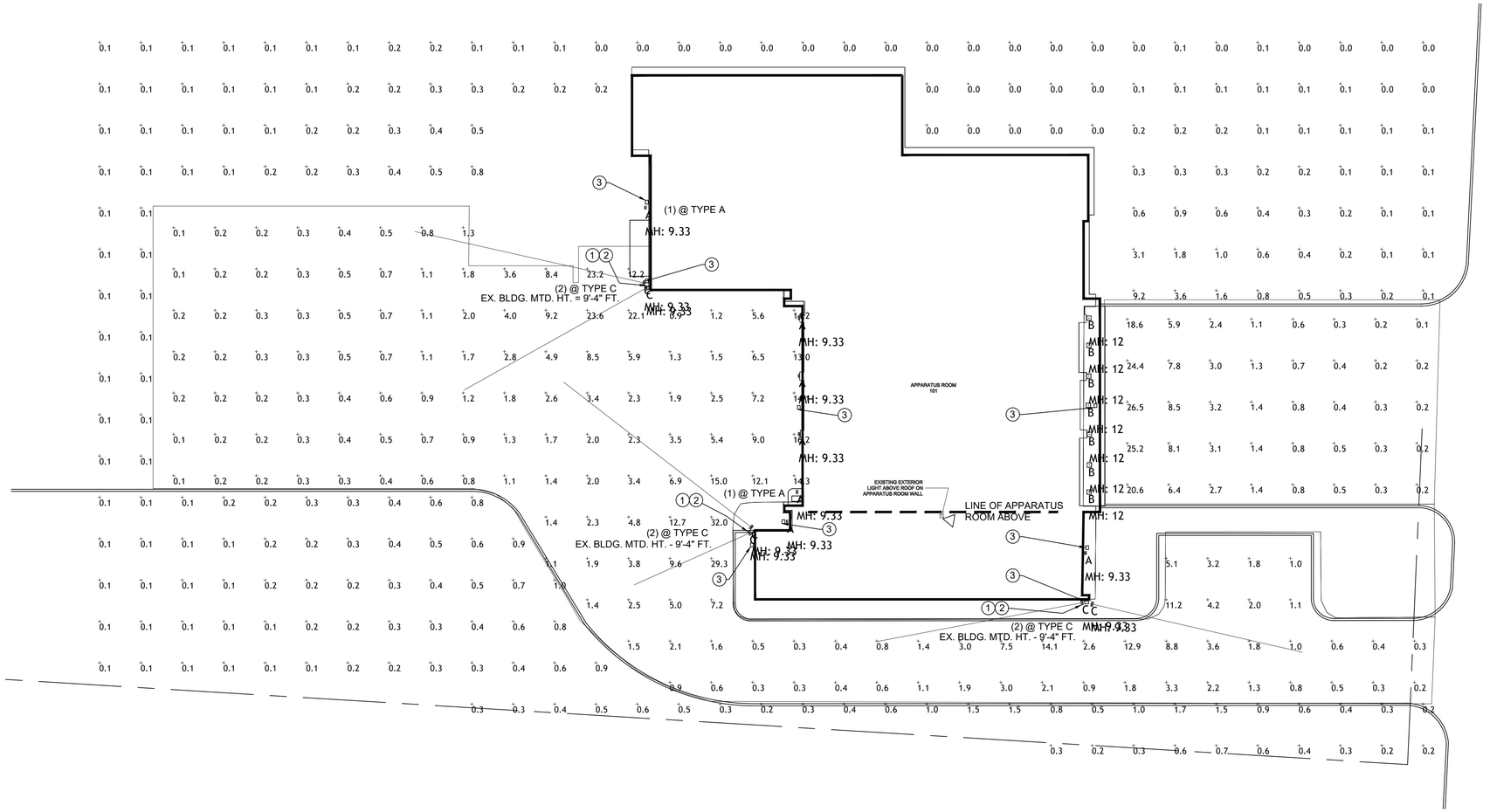


A SITE PLAN

0 8' 16' 32' 64'

LIGHTING NOTES:

1. REMOVE EXISTING YARD LIGHT FIXTURES COMPLETE PER 1968 ARCHITECTURAL PLANS THE ORIGINAL TYPE "C" LIGHT FIXTURES ARE "STONCO" 40L - 150 WATT ALUMINUM LAMP HOLDER. THE (7) FIXTURES WERE SHOWN LOCATED ON A SEPARATE YARD LIGHTING CIRCUIT.

2. INSTALL NEW TYPE "C" YARD LIGHTING FIXTURES IN SAME LOCATION AS ORIGINAL "STONCO" YARD LIGHTING.

3. DUSK / DAWN SENSOR SWITCH SHALL BE NSi INDUSTRIES OUTDOOR 120V STEM MOUNT PHOTO CONTROL WITH LIGHT ADJUSTMENT BAR - COORDINATE WITH EXISTING VOLTAGE

   OPERABLE MODE -- AUTOMATIC
   OPERATING VOLTAGE --- 120 V
   NOTE: SHOULD VOLTAGE VARY FROM UNIT SPECIFICATION OF 120V -CONSULT w/ MFG. FOR ALTERNATE DUSK/DAWN SENSOR TYPE
   CONTACT - NORMAL OPEN
   CONNECTOR TYPE - SCREW TERMINALS
   SWITCH TYPE - PHOTOCONTROL
   TERMINAL - SCREW
   CIRCUIT TYPE - ONEWAY
   MOUNTING TYPE - STEM MOUNTED
   CONTROL METHOD - SENSOR
   WATTAGE - 2000 WATTS

   CONTRACTOR SHALL SUPPLY ALL NECESSARY MOUNTING AND WIRING AS REQUIRED FOR COMPLETE INSTALLATION AND OPERATION AND LOCATE DUSK / DAWN SENSOR AS REQUIRED TO MAXIMIZE EFFECTIVE CONTROL. MOUNT SENSOR ABOVE LIGHT FIXTURES.



Luminaire Schedule										
Label	Symbol	Qty	Arrangement	LLF	Description				Lum. Lumens	Lum. Watts
C		6	Single	1.050	UFL3L 120W 4000K (Position 1)	TYPE C	KIVO II CS	120 w / 17,400 LUMENS	15873	120.08
A		7	Single	0.900	VK-30002-T3-8040	TYPE A	LIGMAN LTG	UVK-30002-28W-T3-W40-01-120/277V	3455	27
B		7	Single	1.050	CNP1-60W40K-100_	TYPE B	LIRON LTG	CNP1-UW-3CCT-6-W	7852	60.22

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ENTRANCE B_Planar	Illuminance	Fc	4.53	26.5	0.1	45.30	265.00
PARKING_Planar	Illuminance	Fc	3.52	32.0	0.1	35.20	320.00
TO THE PROPERTY LINE	Illuminance	Fc	0.34	9.2	0.0	N.A.	N.A.

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80%

GARY MUSCIANO, RA, PP

NJ 8078
NY 021687
CA 29549
CO 401804
CT 7547
DC ARC 6052
DE S5-0008180
FL AR 0014044
GA RA 012998
IL 001.020501
IN AR 11300067
IA 06841
KS 5073
LA 5690
MD 11039
MA 10131
NJ PLANNER 33LI00435100
MI 1301045424
MN 49411
MO A 2009005517
NV 5015
NC 9671
OH 9510925
PA RA 403281
RI 2030
SC 8651
TN 105438
TX 15417
UT 8470051-0301
VT 2529
VA 0401008254
WA 11037
N.J. COA 21AC00083000

CONSULTANTS

REVISIONS

NO.:	DATE:	
1	XXXXX	XXXXXXXX

NO.: DATE: SUBMISSIONS

CLIENT / PROJECT:

TOWNSHIP OF WEST ORANGE
DEPARTMENT OF PUBLIC WORKS
FIRE STATION 1
EXTERIOR & INTERIOR
IMPROVEMENTS & RENOVATIONS

415 VALLEY ROAD
WEST ORANGE, NJ 07052

DRAWING TITLE:

SITE PLAN
LIGHTING

PROJECT MANAGER: GM
SCALE: AS NOTED
DRAWN BY: HEA
DATE: 12.22.2025
CHECKED BY: GM
PROJECT NO.: 8156-FS1

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DRAWING NO.: ST-01

4/2020