

E CENTRAL AVE

SYMBOL	QTY	LABEL	FIXTURE ARRANGEMENT	TOTAL FIXTURE COUNT	NEW POLE COUNT	FIXTURE TYPE / MOUNTING MANUFACTURER	BUS RATING	MOUNTING HEIGHT	MOUNTING ACCESSORIES	NOTES
[Symbol]	2	CGY1	QUADRUPOLE (4@90°)	8	-	OSQ-AMASH-T-4K-L-BZ / POLE MOUNT / CREE	BU-JUG-3	MATCH EXISTING	OSQ-DA-BZ	REPLACE EXISTING FIXTURE
[Symbol]	1	CGY2 (NEW POLE)	QUADRUPOLE (4@90°)	4	1	OSQ-AMASH-T-4K-L-BZ / POLE MOUNT / CREE	BU-JUG-3	28' AFG	OSQ-DA-BZ	ADD NEW POLE AND FIXTURE
[Symbol]	4	UUI1	SINGLE	4	-	SLAMPK-24-03UJW-7-4C-CO-BZ / WALL MOUNT / SYLVANIA	BU-JUG-1	MATCH EXISTING	-	REPLACE EXISTING FIXTURE
[Symbol]	1	UUI2	SINGLE	1	-	SLAMPK-14-01UJW-7-4C-CO-BZ / WALL MOUNT / SYLVANIA	BU-JUG-0	13' AFG	-	ADD NEW FIXTURE
[Symbol]	4	VY1	QUADRUPOLE (4@90°)	16	-	EXISTING POLE FIXTURE	-	-	-	OUT OF SCOPE
[Symbol]	1	VY2	SINGLE	1	-	EXISTING POLE FIXTURE	-	-	-	OUT OF SCOPE
[Symbol]	7	VE1	SINGLE	7	-	EXISTING CANOPY FIXTURE	-	-	-	OUT OF SCOPE
[Symbol]	2	VY1	SINGLE	2	-	EXISTING CANOPY FIXTURE	-	-	-	OUT OF SCOPE
[Symbol]	1	VY2	SINGLE	1	-	EXISTING CANOPY FIXTURE	-	-	-	OUT OF SCOPE
[Symbol]	1	VY3	SINGLE	1	-	EXISTING CANOPY FIXTURE	-	-	-	OUT OF SCOPE
[Symbol]	3	VY1	SINGLE	3	-	EXISTING WALL FIXTURE	-	-	-	OUT OF SCOPE
[Symbol]	2	VY1	SINGLE	2	-	EXISTING DECORATIVE WALL FIXTURE	-	-	-	OUT OF SCOPE

REV	DATE	DESCRIPTION	BY
1	08/17/20	ISSUED FOR BID	JWI
2	10/12/20	UPDATED PER GMR DESIGN	JWI



CALCULATION SUMMARY - OVERALL SITE @ GRADE

Label	Category	Units	Avg	Max	Min	Asphlt	Masthdn
FULL SITE @ GRADE	Illuminance	Fc	1.63	17.9	0.0	N/A	N/A

OVERALL PHOTOMETRIC PLAN

SCALE: 1" = 20'



WELLS FARGO GMR

12/10/20

PROJECT: LIGHTING UPGRADES WELLS FARGO LIGHTING PLAN - SITE

BRANCH 107547

26 NORTH MIDDLETOWN ROAD, TOWN OF ORANGETOWN ROCKLAND COUNTY, NEW YORK

INDEPENDENCE ENGINEERING LLC

102 FARNSWORTH AVENUE, SUITE 310 BORDENTOWN, NJ 08505 (609) 496-9369 NSANDER@INDEPEN.G.COM

PROJECT: 006-104 DATE: 02/07/20

SCALE: 1" = 20' DRAWN: RA CHECKED: NMS

DESIGNED: NMS

SCALE: 1" = 20'

DATE: 12/10/20

PROJECT: 006-104

SCALE: 1" = 20'

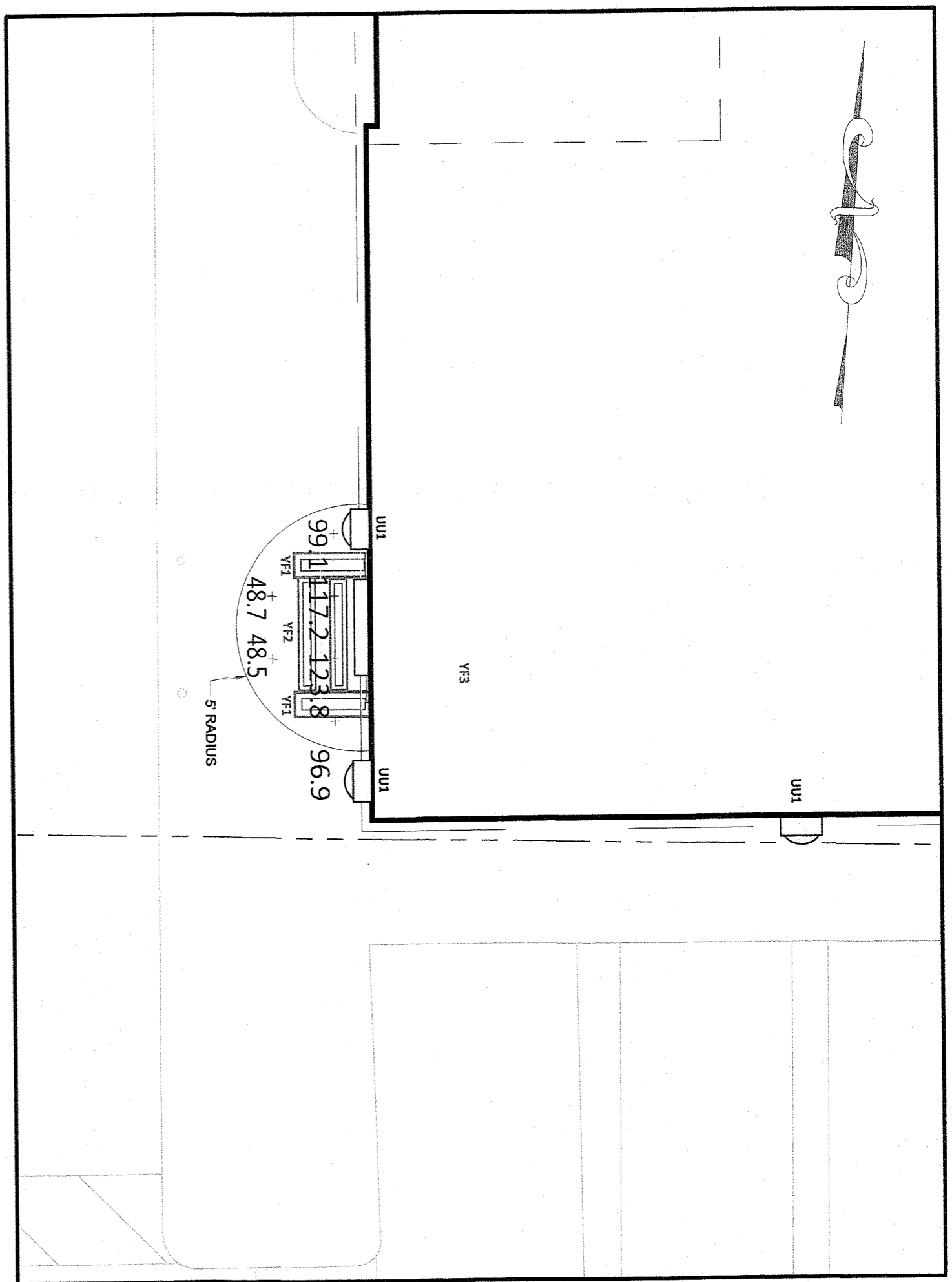
DATE: 02/07/20

SCALE: 1" = 20'

DATE: 12/10/20

PROJECT: 006-104

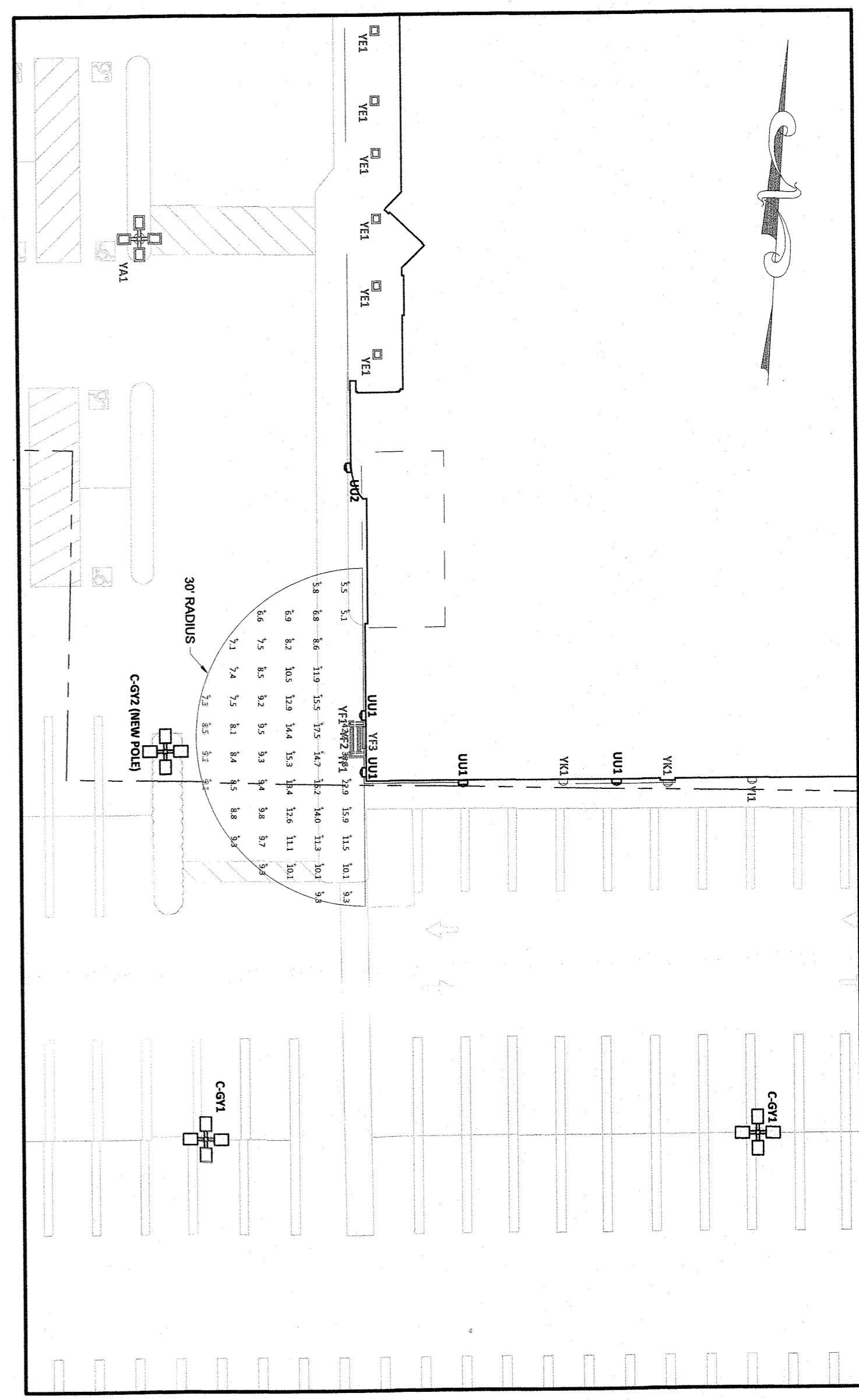
SCALE: 1" = 20'



CALCULATION SUMMARY - 5' RADIUS @ 60" ABOVE GRADE

Label	CalcType	Units	Avg	Max	Min	AvgMin	MaxMin
ATM 5' @ 60"	Illuminance	FC	60.03	123.8	48.5	1.84	2.85

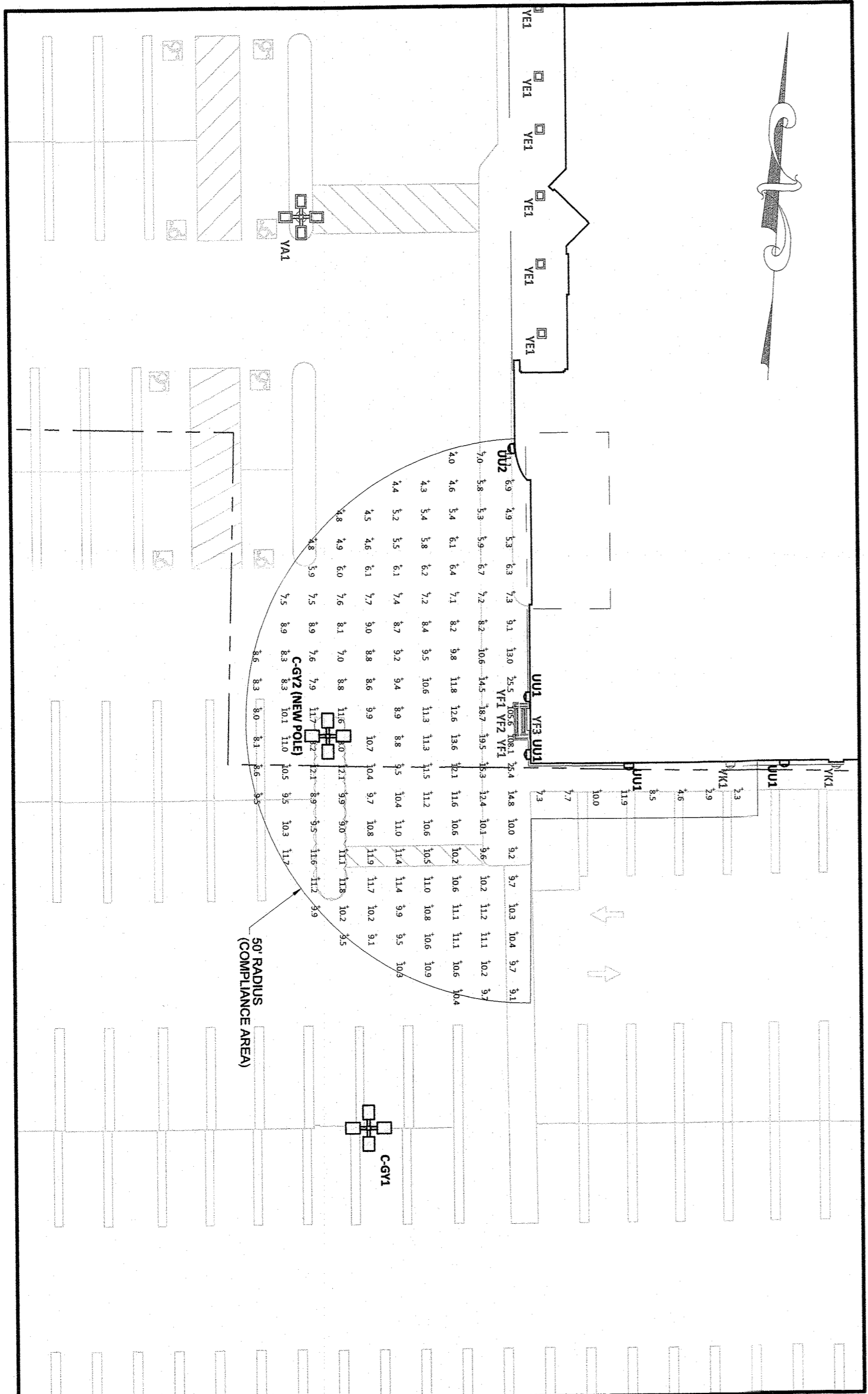
ATM PHOTOMETRIC PLAN - 5' RADIUS
SCALE: 1" = 5'



CALCULATION SUMMARY - 30' RADIUS @ GRADE

Label	CalcType	Units	Avg	Max	Min	AvgMin	MaxMin
ATM 30' @ GRADE	Illuminance	FC	11.44	42.2	5.1	2.24	8.27

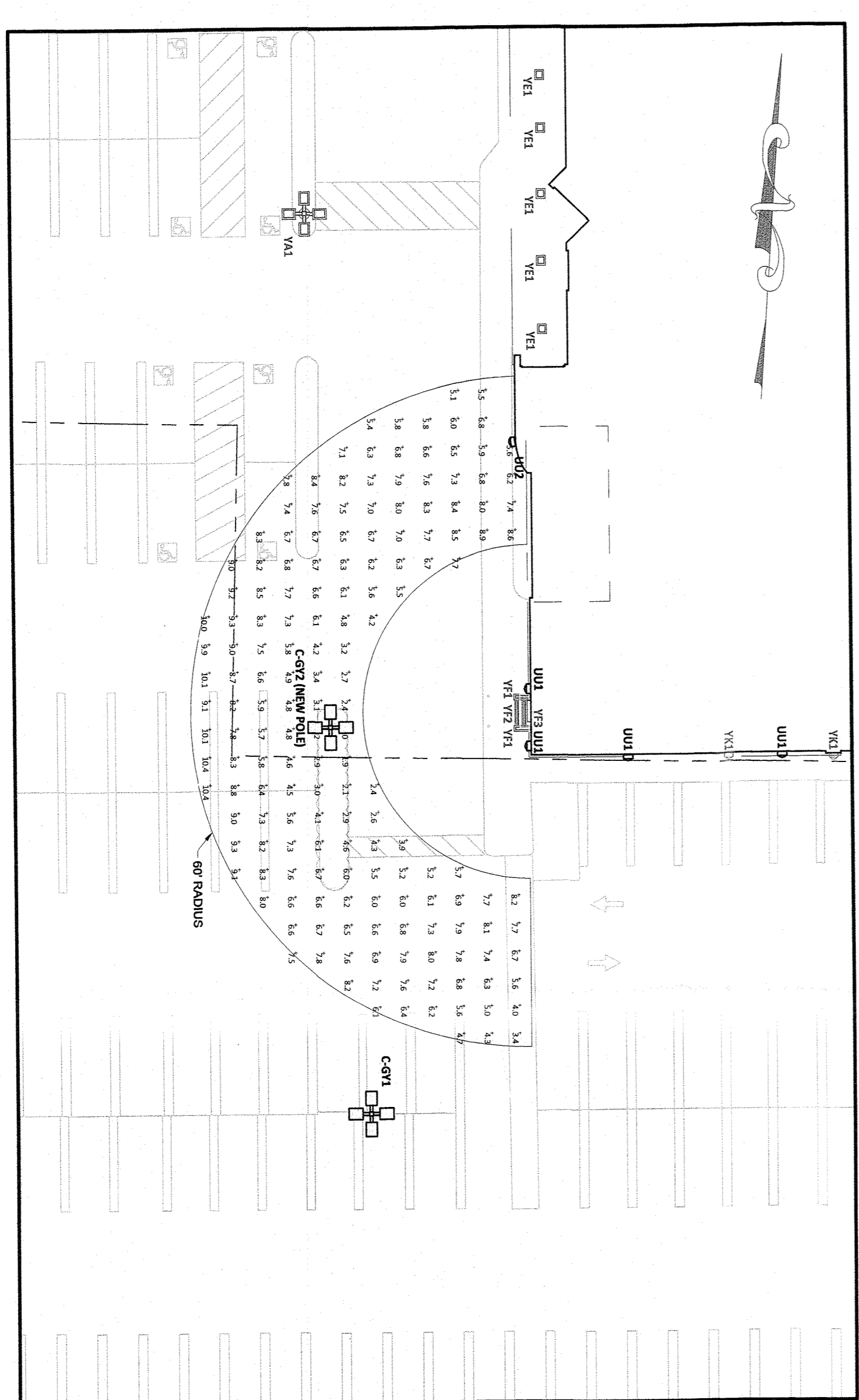
ATM PHOTOMETRIC PLAN - 30' RADIUS
SCALE: 1" = 20'



CALCULATION SUMMARY - 50' RADIUS @ 60" ABOVE GRADE

Label	CalcType	Units	Avg	Max	Min	AvgMin	MaxMin
ATM 50' @ 60"	Illuminance	FC	10.57	108.1	2.3	4.60	47.00

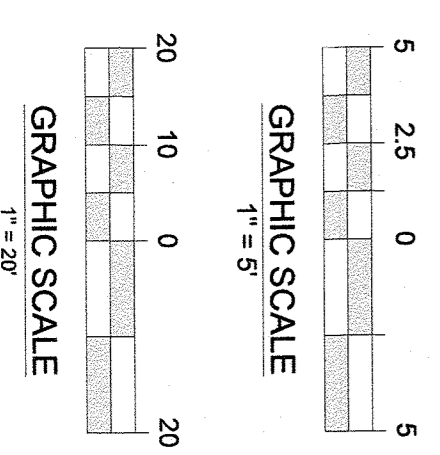
ATM PHOTOMETRIC PLAN - 50' RADIUS
SCALE: 1" = 20'



CALCULATION SUMMARY - 60' RADIUS @ 60" ABOVE GRADE

Label	CalcType	Units	Avg	Max	Min	AvgMin	MaxMin
ATM 60' @ 60"	Illuminance	FC	6.57	10.4	1.9	3.46	5.47

ATM PHOTOMETRIC PLAN - 60' RADIUS
SCALE: 1" = 20'



REV	DATE	DESCRIPTION	BY
1	08/17/20	ISSUED FOR BID	INT
2	10/12/20	UPDATED PER GMR DESIGN	JWJ

Independence
ENGINEERING LLC
102 FARNSWORTH AVENUE, SUITE 310
BORDENTOWN, NJ 08505
(609) 496-9369 NSANDER@INDEPEN.G.COM

LIGHTING UPGRADES
WELLS FARGO
LIGHTING PLAN - ATM COMPLIANCE
BRANCH 107547
26 NORTH MIDDLETOWN ROAD, TOWN OF ORANGETOWN
ROCKLAND COUNTY, NEW YORK

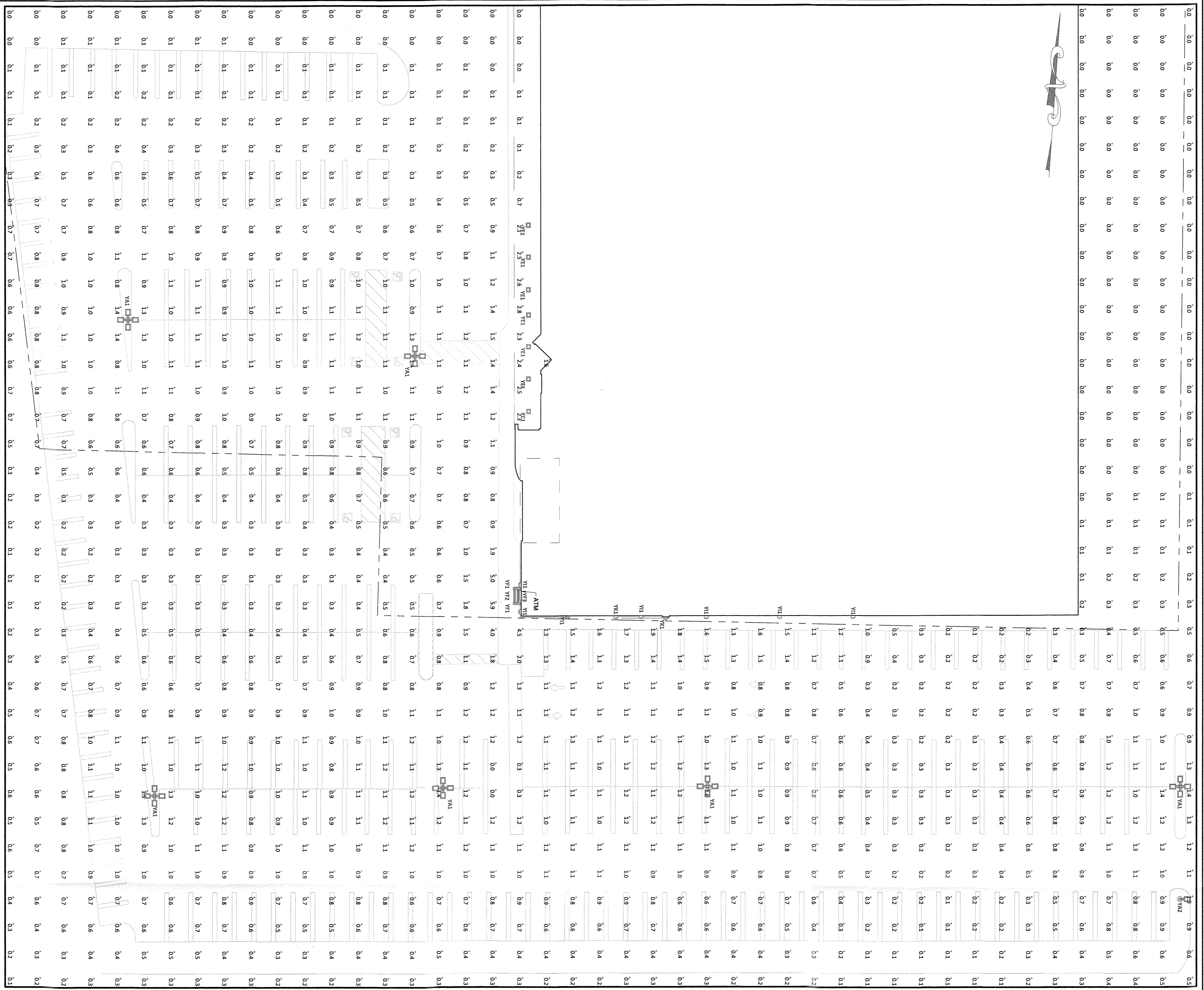
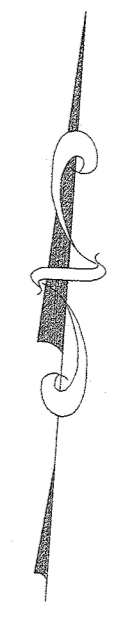
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DATE	02/07/20
SCALE	DRAWN
AS NOTED	RA
DESIGNED	CHECKED
NES	NES

WELLS FARGO
GMR
Fidelity Analysis + Engineering

DATE: 12/01/20

PROJECT: C3

REV: 2



20 10 0 20
GRAPHIC SCALE
1" = 20'

WELLS FARGO
GMR
Facility Analysis + Engineering

PROJECT: 006-104
DATE: 02/07/20
SCALE: 1" = 20'
DESIGNED: RA
CHECKED: NBS
DRAWN: NBS

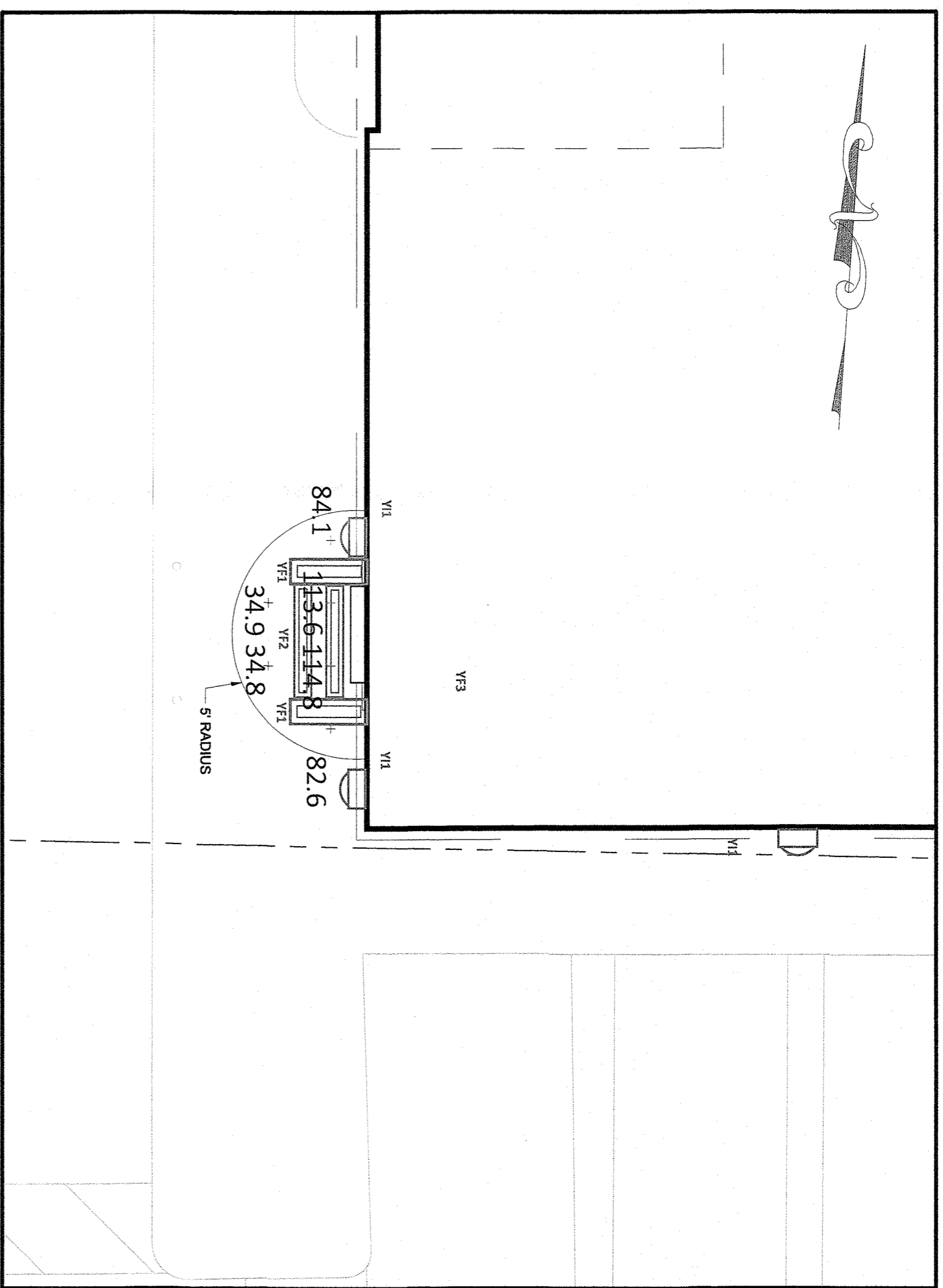
STATE OF NEW JERSEY
Professional Engineer
No. 35426
W. S. Sander
12/10/20

REV 7 OF 7
REV 2

LIGHTING UPGRADES
WELLS FARGO
LIGHTING PLAN - EXISTING CONDITIONS
BRANCH 107547
26 NORTH MIDDLETOWN ROAD, TOWN OF ORANGETOWN
ROCKLAND COUNTY, NEW YORK

Independence
ENGINEERING LLC
102 FARNSWORTH AVENUE, SUITE 310
BORDENTOWN, NJ 08505
(609) 496-9369 NSANDER@INDEPENG.COM

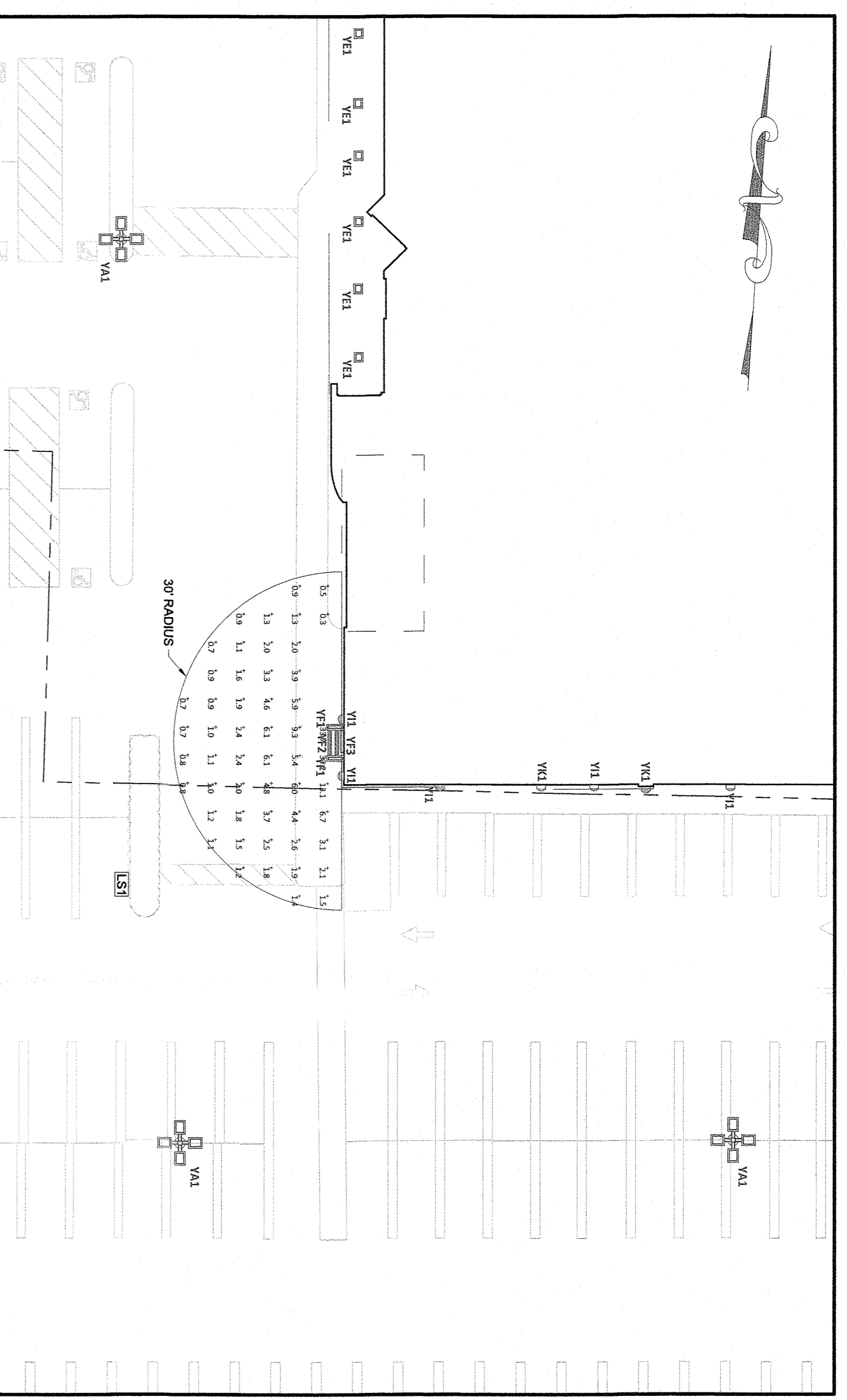
REV	DATE	DESCRIPTION	BY	INT
1	08/17/20	ISSUED FOR BID	JWJ	
2	10/12/20	UPDATED PER GMR DESIGN	JWJ	



CALCULATION SUMMARY - 5' RADIUS @ 80° ABOVE GRADE

Label	CalcType	Units	Avg	Max	Min	AngleMin	MaxAngle
ATM 5' @ 80°	Illuminance	Fc	77.47	114.8	34.8	2.23	3.30

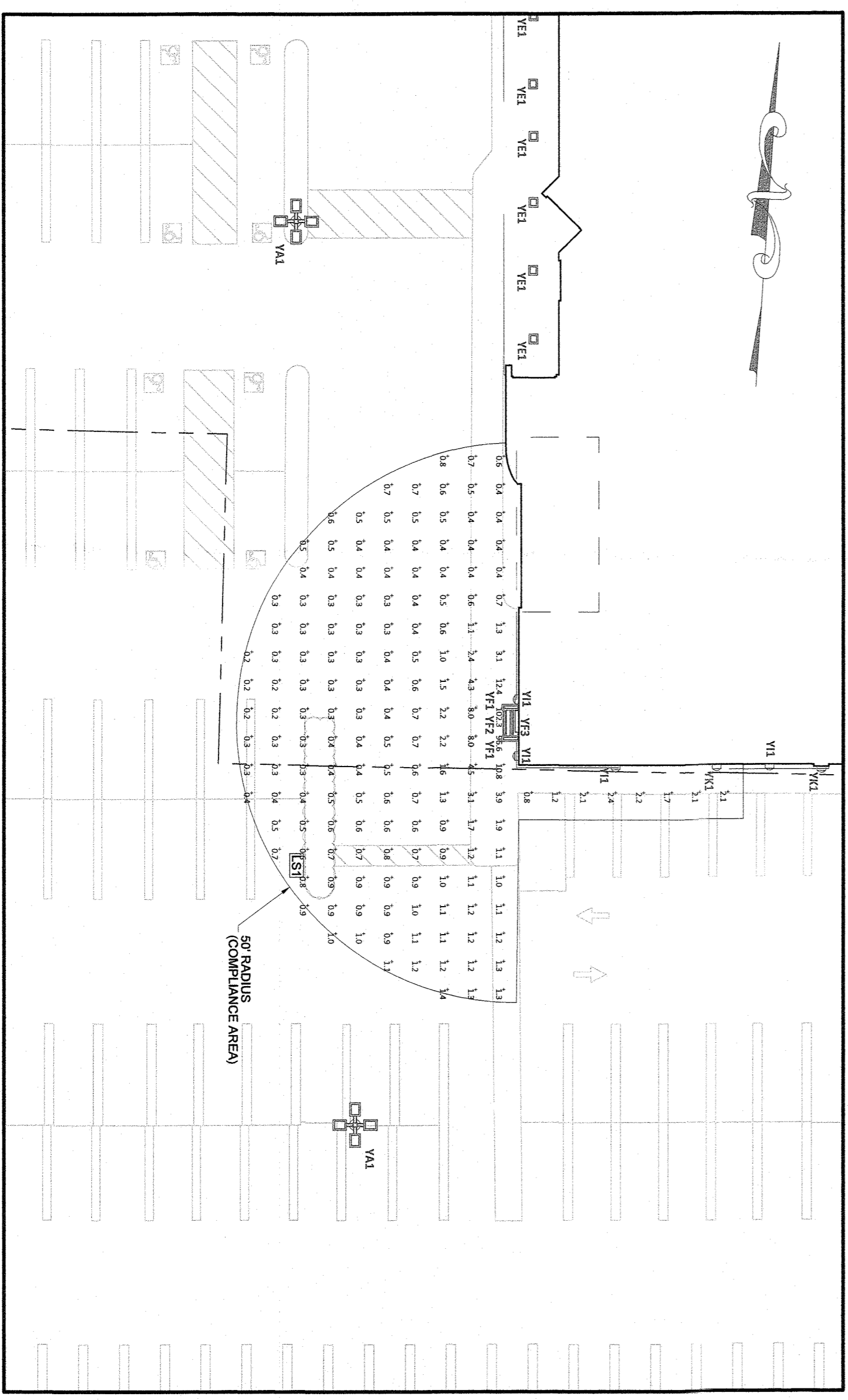
ATM PHOTOMETRIC PLAN - 5' RADIUS
SCALE: 1" = 5'



CALCULATION SUMMARY - 30' RADIUS @ GRADE

Label	CalcType	Units	Avg	Max	Min	AngleMin	MaxAngle
ATM 30' @ GRADE	Illuminance	Fc	3.83	33.7	0.3	12.77	112.33

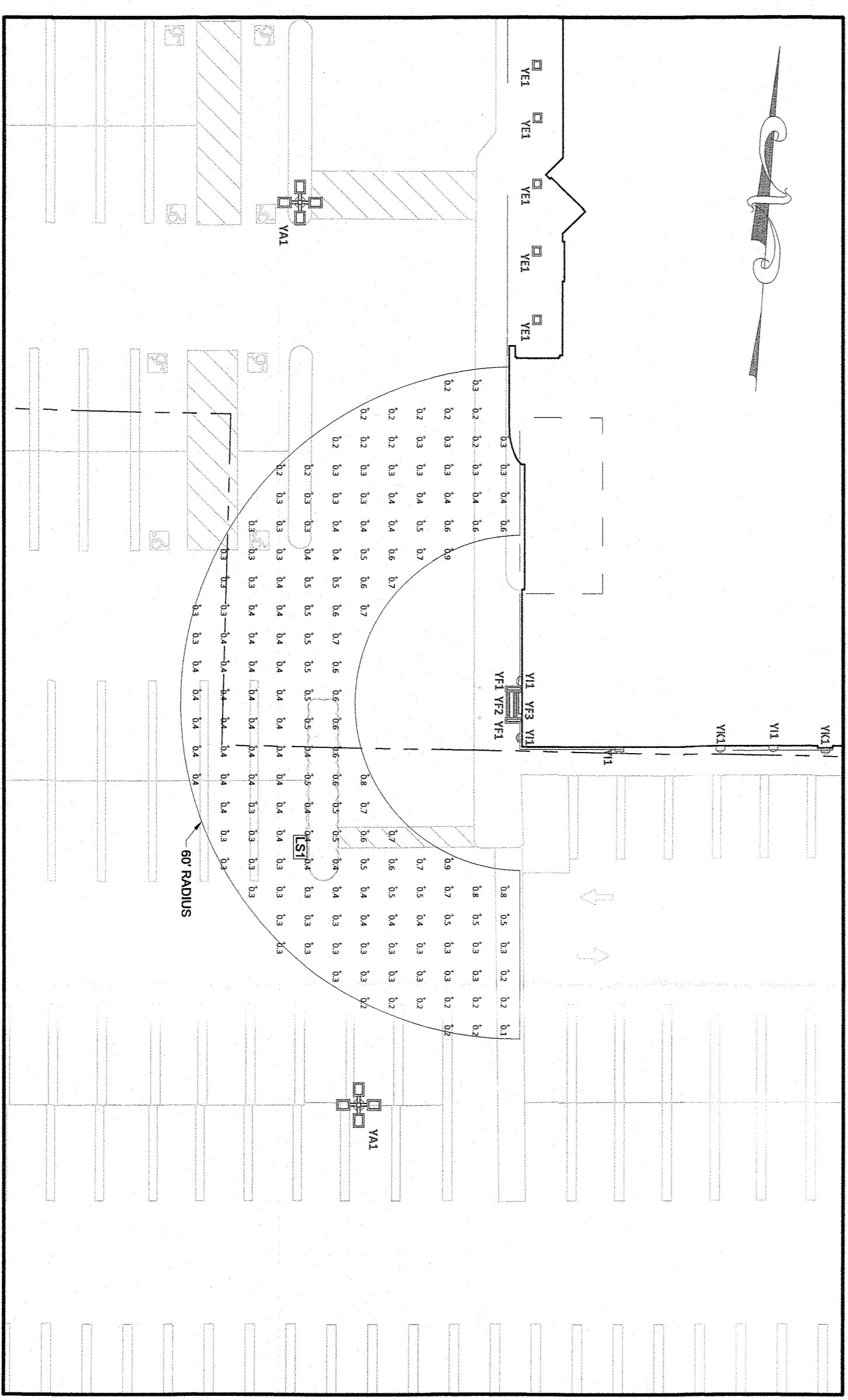
ATM PHOTOMETRIC PLAN - 30' RADIUS
SCALE: 1" = 20'



CALCULATION SUMMARY - 50' RADIUS @ 60° ABOVE GRADE

Label	CalcType	Units	Avg	Max	Min	AngleMin	MaxAngle
ATM 50' @ 60°	Illuminance	Fc	2.24	102.3	0.2	11.2	57.150

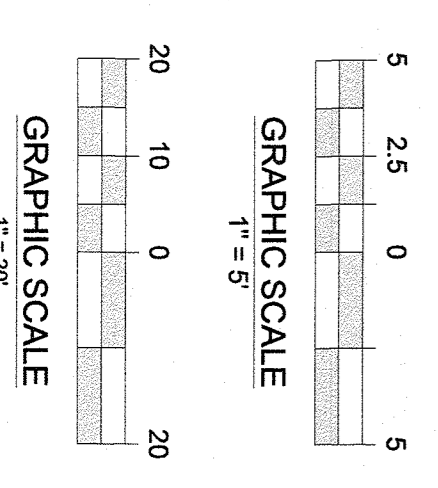
ATM PHOTOMETRIC PLAN - 50' RADIUS
SCALE: 1" = 20'



CALCULATION SUMMARY - 60' RADIUS @ 80° ABOVE GRADE

Label	CalcType	Units	Avg	Max	Min	AngleMin	MaxAngle
ATM 60' @ 80°	Illuminance	Fc	0.40	0.9	0.1	4.00	9.00

ATM PHOTOMETRIC PLAN - 60' RADIUS
SCALE: 1" = 20'



WELLS FARGO
GMR
Factory Analysis & Engineering

PROJECT	DATE	SCALE	DESIGNED	CHECKED	NES
006-104	02/07/20	AS NOTED RA	NES	NES	NES
LIGHTING UPGRADES WELLS FARGO LIGHTING PLAN - ATM COMPLIANCE EXISTING CONDITIONS BRANCH 107547 26 NORTH MIDDLETOWN ROAD, TOWN OF ORANGETOWN ROCKLAND COUNTY, NEW YORK					
102 FARNSWORTH AVENUE, SUITE 310 BORDENTOWN, NJ 08505 (609) 496-9369 NSANDER@INDEPENG.COM					
REV	DATE	DESCRIPTION			
1	08/17/20	ISSUED FOR BID			
2	10/12/20	UPDATED PER GMR DESIGN			
BY	INT	JWJ			
OF	REV	C 5			
7	2				

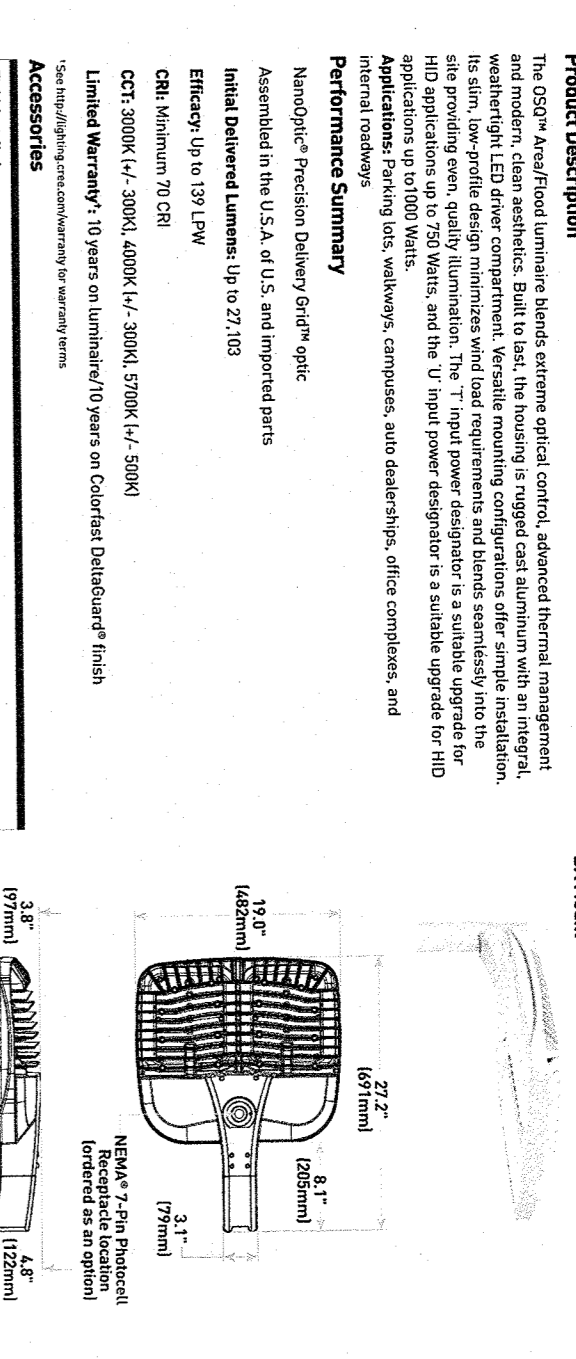
GC TO VERIFY THAT FIXTURES CAN BE MOUNTED PER PLAN AND ALL NECESSARY HARDWARE IS SPECIFIED FOR INSTALLATION PRIOR TO PURCHASING

OSQ Series
OSQ LED Area Flood Luminaire - Large

GC TO VERIFY THAT FIXTURES CAN BE MOUNTED PER PLAN AND ALL NECESSARY HARDWARE IS SPECIFIED FOR INSTALLATION PRIOR TO PURCHASING

OSQ-A-MN-SSH-1-40K-LU-ZL
GC TO SEE NOTES BELOW

TYPE C-GY



Product	Model	Beam Spread	Light Output (lm)	Power (W)	Efficiency (lm/W)
OSQ-A	4000K	120°	10,000	100	100
OSQ-B	4000K	120°	20,000	200	100
OSQ-C	4000K	120°	40,000	400	100
OSQ-D	4000K	120°	80,000	800	100

1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

Beam Spread	Light Output (lm)	Power (W)	Efficiency (lm/W)
120°	10,000	100	100
120°	20,000	200	100
120°	40,000	400	100
120°	80,000	800	100

1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

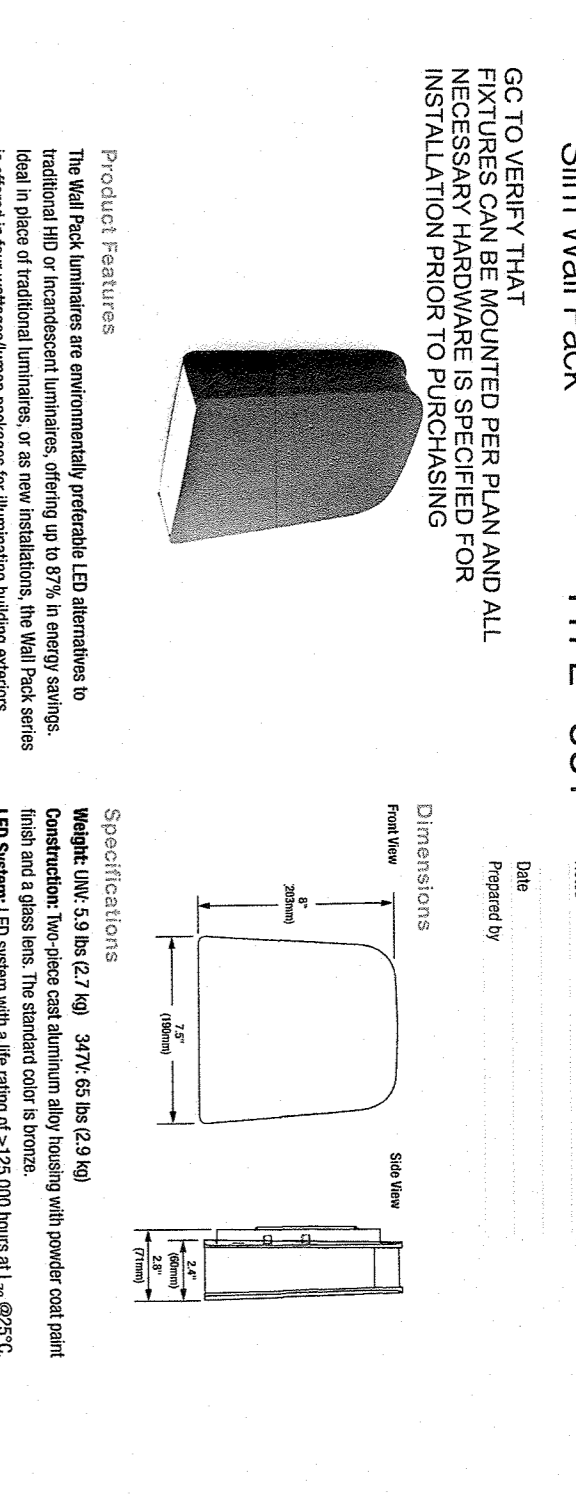
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GC TO VERIFY THAT FIXTURES CAN BE MOUNTED PER PLAN AND ALL NECESSARY HARDWARE IS SPECIFIED FOR INSTALLATION PRIOR TO PURCHASING

SLMWPK-2A-030-UNV-7-40-CO-BZ
Slim Wall Pack

GC TO VERIFY THAT FIXTURES CAN BE MOUNTED PER PLAN AND ALL NECESSARY HARDWARE IS SPECIFIED FOR INSTALLATION PRIOR TO PURCHASING

TYPE - UW1



Product	Model	Beam Spread	Light Output (lm)	Power (W)	Efficiency (lm/W)
SLMWPK-2A	4000K	120°	10,000	100	100
SLMWPK-2B	4000K	120°	20,000	200	100
SLMWPK-2C	4000K	120°	40,000	400	100
SLMWPK-2D	4000K	120°	80,000	800	100

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1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

Beam Spread	Light Output (lm)	Power (W)	Efficiency (lm/W)
120°	10,000	100	100
120°	20,000	200	100
120°	40,000	400	100
120°	80,000	800	100

1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

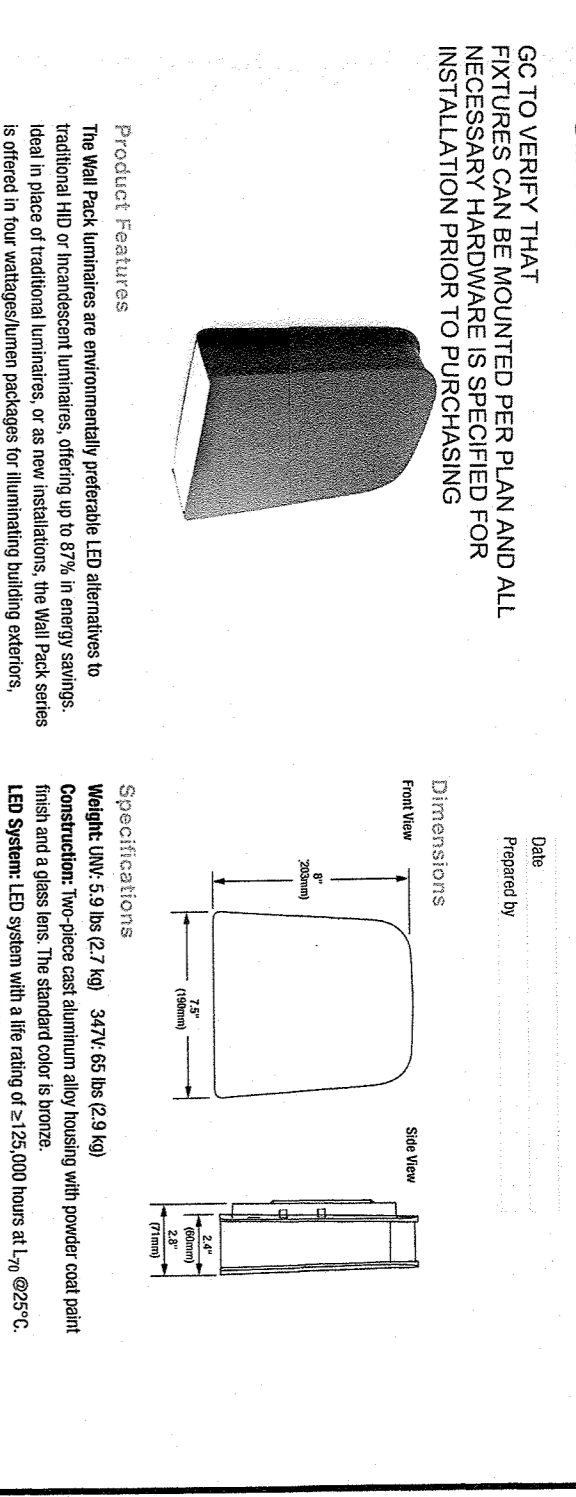
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GC TO VERIFY THAT FIXTURES CAN BE MOUNTED PER PLAN AND ALL NECESSARY HARDWARE IS SPECIFIED FOR INSTALLATION PRIOR TO PURCHASING

SLMWPK-1A-013-UNV-7-40-CO-BZ
Slim Wall Pack

GC TO VERIFY THAT FIXTURES CAN BE MOUNTED PER PLAN AND ALL NECESSARY HARDWARE IS SPECIFIED FOR INSTALLATION PRIOR TO PURCHASING

TYPE - UW2



Product	Model	Beam Spread	Light Output (lm)	Power (W)	Efficiency (lm/W)
SLMWPK-1A	4000K	120°	10,000	100	100
SLMWPK-1B	4000K	120°	20,000	200	100
SLMWPK-1C	4000K	120°	40,000	400	100
SLMWPK-1D	4000K	120°	80,000	800	100

1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

Beam Spread	Light Output (lm)	Power (W)	Efficiency (lm/W)
120°	10,000	100	100
120°	20,000	200	100
120°	40,000	400	100
120°	80,000	800	100

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GC TO VERIFY THAT FIXTURES CAN BE MOUNTED PER PLAN AND ALL NECESSARY HARDWARE IS SPECIFIED FOR INSTALLATION PRIOR TO PURCHASING

WELLS FARGO LIGHTING UPGRADES
WELLS FARGO LIGHTING DETAILS

BRANCH 107547
26 NORTH MIDDLETOWN ROAD, TOWN OF ORANGETOWN
ROCKLAND COUNTY, NEW YORK



Item	Description	Quantity	Notes
1	40 HOOPS AS SHOWN @ 12" OC MAX	1	
2	3 CLR	1	
3	6.5" VERT. HKS	1	

1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

Beam Spread	Light Output (lm)	Power (W)	Efficiency (lm/W)
120°	10,000	100	100
120°	20,000	200	100
120°	40,000	400	100
120°	80,000	800	100

1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

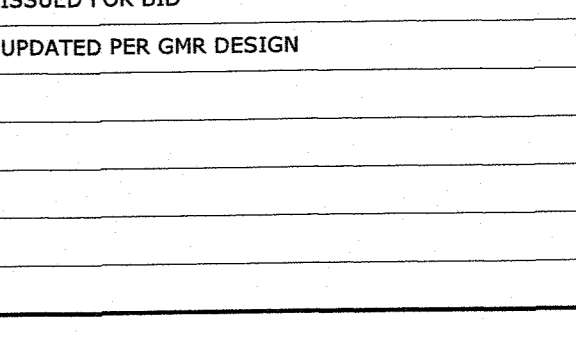
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1-800-254-4800 F 1-800-254-4800

GC TO VERIFY THAT FIXTURES CAN BE MOUNTED PER PLAN AND ALL NECESSARY HARDWARE IS SPECIFIED FOR INSTALLATION PRIOR TO PURCHASING

WELLS FARGO LIGHTING UPGRADES
WELLS FARGO LIGHTING DETAILS

BRANCH 107547
26 NORTH MIDDLETOWN ROAD, TOWN OF ORANGETOWN
ROCKLAND COUNTY, NEW YORK



Item	Description	Quantity	Notes
1	40 HOOPS AS SHOWN @ 12" OC MAX	1	
2	3 CLR	1	
3	6.5" VERT. HKS	1	

1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

Beam Spread	Light Output (lm)	Power (W)	Efficiency (lm/W)
120°	10,000	100	100
120°	20,000	200	100
120°	40,000	400	100
120°	80,000	800	100

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1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

GC TO VERIFY THAT FIXTURES CAN BE MOUNTED PER PLAN AND ALL NECESSARY HARDWARE IS SPECIFIED FOR INSTALLATION PRIOR TO PURCHASING

WELLS FARGO LIGHTING UPGRADES
WELLS FARGO LIGHTING DETAILS

BRANCH 107547
26 NORTH MIDDLETOWN ROAD, TOWN OF ORANGETOWN
ROCKLAND COUNTY, NEW YORK



Item	Description	Quantity	Notes
1	40 HOOPS AS SHOWN @ 12" OC MAX	1	
2	3 CLR	1	
3	6.5" VERT. HKS	1	

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Beam Spread	Light Output (lm)	Power (W)	Efficiency (lm/W)
120°	10,000	100	100
120°	20,000	200	100
120°	40,000	400	100
120°	80,000	800	100

1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

1-800-254-4800 F 1-800-254-4800

