AVANTIS STATION AT FLAGLER VILLAGE

600 NE 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33304

SAMPLE

GENERAL NOTES

1. APPLICABLE CODES:
   1.1. NFPA 1, FIRE CODE (2021 EDITION)
   1.2. NFPA 70 NEC NATIONAL ELECTRICAL CODE 2020 EDITION, APPLICABLE CHAPTERS
   1.3. NFPA 72 FIRE ALARM CODE 2019 EDITION, APPLICABLE CHAPTERS.
   1.4. NFPA 101 LIFE SAFETY CODE 2021 EDITION, APPLICABLE CHAPTERS.
   1.5. FBC FLORIDA BUILDING CODE, 8TH EDITION, APPLICABLE CHAPTERS.
   1.6. FFPC FLORIDA FIRE PREVENTION CODE 8TH EDITION, APPLICABLE CHAPTERS.
   1.7. ADA ACCESSIBILITY GUIDELINES, AS APPLICABLE.
2. FIRE SPRINKLER SYSTEM: BUILDING 100% FULLY SPRINKLERED.
3. PROJECT TYPE: NEW CONSTRUCTION.
4. OVERALL BUILDING GROSS AREA: 438,351 SQ.FT., 12 FLOORS.
5. CONSTRUCTION TYPE: I-B.
6. OCCUPANCY CLASSIFICATION: MIXED, RESIDENTIAL (R-2), STORAGE (S-2), BUSINESS (B).
7. OCCUPANT LOAD: 987.
8. FIRE ALARM SYSTEM CLASSIFICATION IS: CENTRAL STATION SERVICE.
9. FIRE ALARM SYSTEM TYPE IS: ADDRESSABLE.
10. ALL FIRE ALARM CIRCUITS TO BE CLASS B, POWER LIMITED.
11. VERIFY IN FIELD ALL DIMENSIONS. DO NOT SCALE THE DRAWINGS
12. ALL WORK SHALL BE OF HIGHEST QUALITY AND WORKMANSHIP.
13. THIS IS A NEW FIRE ALARM SYSTEM, ALL DEVICES SHALL BE NEW AND LISTED FOR IT'S INTENDED APPLICATION.
14. ALL DEVICES INSTALLED SHALL BE AS SPECIFIED IN THE DEVICE SCHEDULE, ANY INTENDED SUBSTITUTIONS SHALL FIRST BE SUBMITTED FOR REVISION AND APPROVAL.
15. INSTALLING CONTRACTOR SHALL VERIFY IN FIELD AND COORDINATE ANY INTERFERENCE WITH OTHER TRADES.
16. ALL ELECTRICAL CIRCUITS POWERING ANY AND ALL FIRE ALARM EQUIPMENT SHALL BE DEDICATED, SHALL HAVE A MEANS OF DISCONNECT EQUIPPED WITH A MECHANICAL LOCK-ON DEVICE, AND BE IDENTIFIED AS "FIRE ALARM CIRCUIT".
17. ALL CONTROL RELAYS SHALL BE LOCATED WITHIN 3' OF THE CONTROLLED DEVICE OR APPLIANCE.
18. ALL CONDUIT USED FOR FIRE ALARM SHALL BE DEDICATED FOR FIRE ALARM ONLY.
19. ALL CONDUIT AND CABLING INSTALLATION SHALL COMPLY WITH THE CURRENT NATIONAL ELECTRIC CODE N.F.P.A. 70.
20. ALL WALL, FLOOR AND CEILING PENETRATION SEALINGS SHALL BE RATED FOR THE SAME HOUR RATING AS THE WALL, FLOOR OR CEILING BEING PENETRATED.
21. ANY TWO OR MORE VISUAL NOTIFICATION APPLIANCES VISIBLE FROM THE SAME FIELD OF VIEW SHALL FLASH IN SYNCHRONIZATION.
22. FIRE ALARM SYSTEM WILL COMMUNICATE WITH CENTRAL STATION BY MEANS OF A CELLULAR COMMUNICATOR FOR THE PURPOSE OF FIRE DEPARTMENT NOTIFICATION.
23. ALL DEVICES INSTALLED IN WET LOCATIONS SHALL BE SUITABLE FOR SUCH AREA.
24. ALL VISUAL NOTIFICATION DEVICES SHALL BE INSTALLED @ 30 A.F.F. MAXIMUM. IF CEILING HEIGHT IS HIGHER, CONTRACTOR SHALL INSTALL ELECTRICAL BOXES AND EMT PIPE TO LOWER NOTIFICATION DEVICE.

SCOPE OF WORK:

INSTALLATION OF NEW FIRE ALARM SYSTEM.

- INSTALL ALL CABLING.
- SET ALL ADDRESSES AND INSTALL ALL NEW INITIATING DEVICES SHOWN ON THE RISER AND FLOOR PLANS.
- SET ALL CANDELA/WATTAGE RATINGS AND INSTALL ALL NEW NOTIFICATION DEVICES SHOWN ON THE RISER AND FLOOR PLANS.
- PROGRAM AND TEST ALL PARTS OF THE FIRE ALARM SYSTEM TO FUNCTION AS SPECIFIED IN THE SEQUENCE OF OPERATION.
- DEMONSTRATE ALL PARTS OF THE FIRE ALARM SYSTEM WORK AS INTENDED DURING INSPECTIONS WITH AUTHORITY HAVING JURISDICTION.
- ALL RACEWAYS WILL BE INSTALLED BY ELECTRICAL CONTRACTOR.

GENERAL OPERATION NOTES:

1. THE FIRE MARSHALL HAS THE AUTHORITY TO MODIFY THIS SEQUENCE OF OPERATION WHEN CONSIDERED NECESSARY.
2. WHEN ANY OCCUPANT NOTIFICATION ALARM SILENCING SIGNAL MEANS ARE ACTUATED BOTH AUDIBLE AND VISUAL NOTIFICATION SHALL BE SIMULTANEOUSLY DEACTIVATED.

ZONE OPERATION:

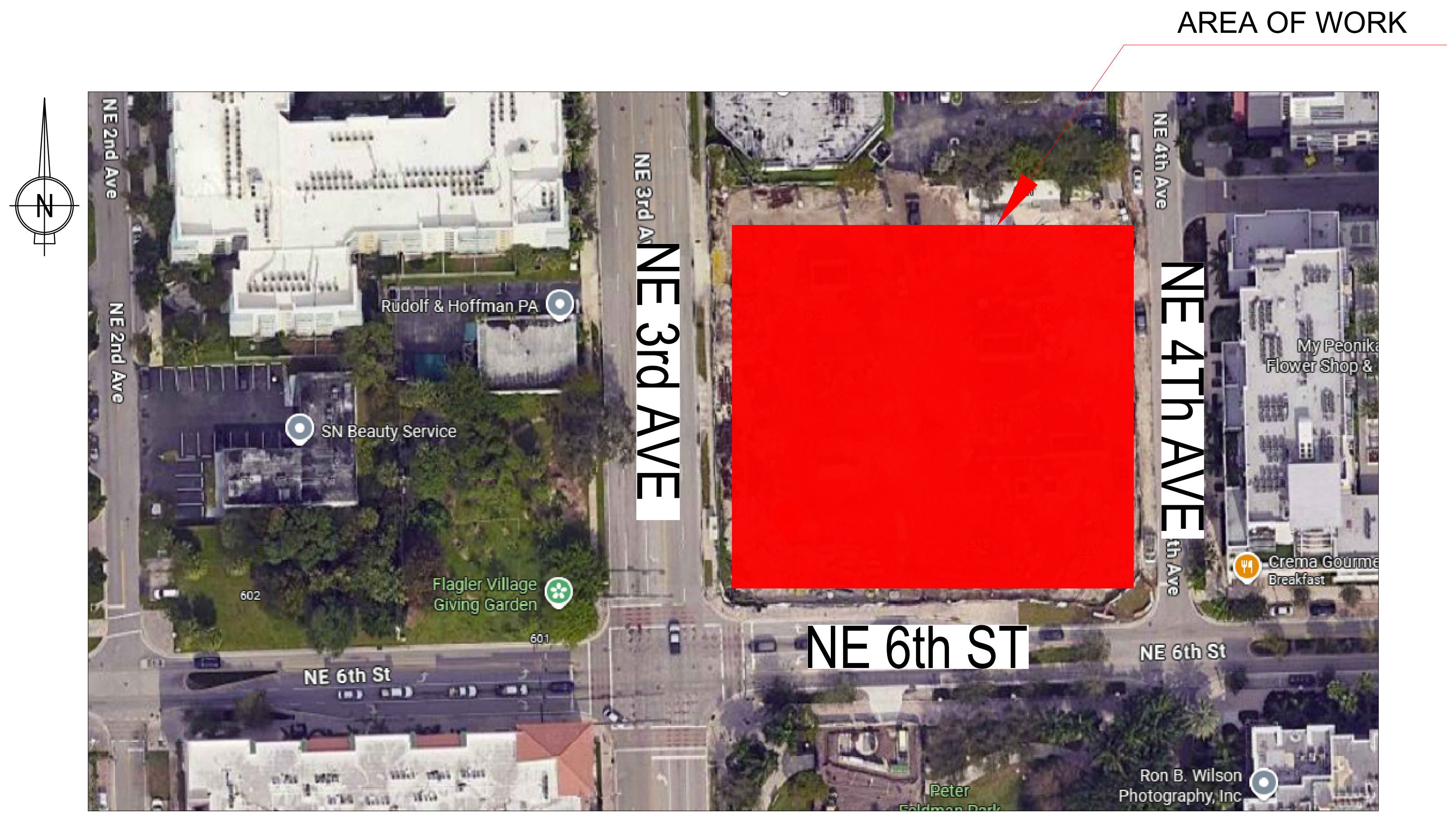
3. ALL FLOORS MUST BE PROGRAMMED AS SEPARATE ZONES.
4. FLOOR OF INCIDENT: ACTIVATION OF ANY ALARM SIGNAL MUST INITIATE SYSTEM OUTPUTS ON THE SAME FLOOR WHERE THE INITIATING SIGNAL WAS ACTIVATED.
5. FLOOR ABOVE & FLOOR BELOW: SYSTEM OUTPUTS MUST ALSO BE INITIATED ONE FLOOR ABOVE AND ONE FLOOR BELOW FROM WERE THE INITIATING SIGNAL WAS ACTIVATED.
6. WHEN ANY OCCUPANT NOTIFICATION ALARM SILENCING SIGNAL MEANS ARE ACTUATED, MAIN CONTROL PANEL WILL SILENCE NOTIFICATION ON ALL ZONES.
7. ALL AIR HANDLING EQUIPMENT WILL BE SHUTDOWN SIMULTANEOUSLY REGARDLESS OF WHERE THE INITIATING SIGNAL WAS ACTIVATED.
8. ALL FIRE/SMOKE DAMPERS WILL BE ACTUATED SIMULTANEOUSLY REGARDLESS OF WHERE THE INITIATING SIGNAL WAS ACTIVATED.
9. ALL ACCESS CONTROL/DOOR HOLDERS WILL BE RELEASED REGARDLESS OF WHERE THE INITIATING SIGNAL WAD ACTIVATED.

ELEVATOR RECALL AND SHUNT TRIP OPERATION:

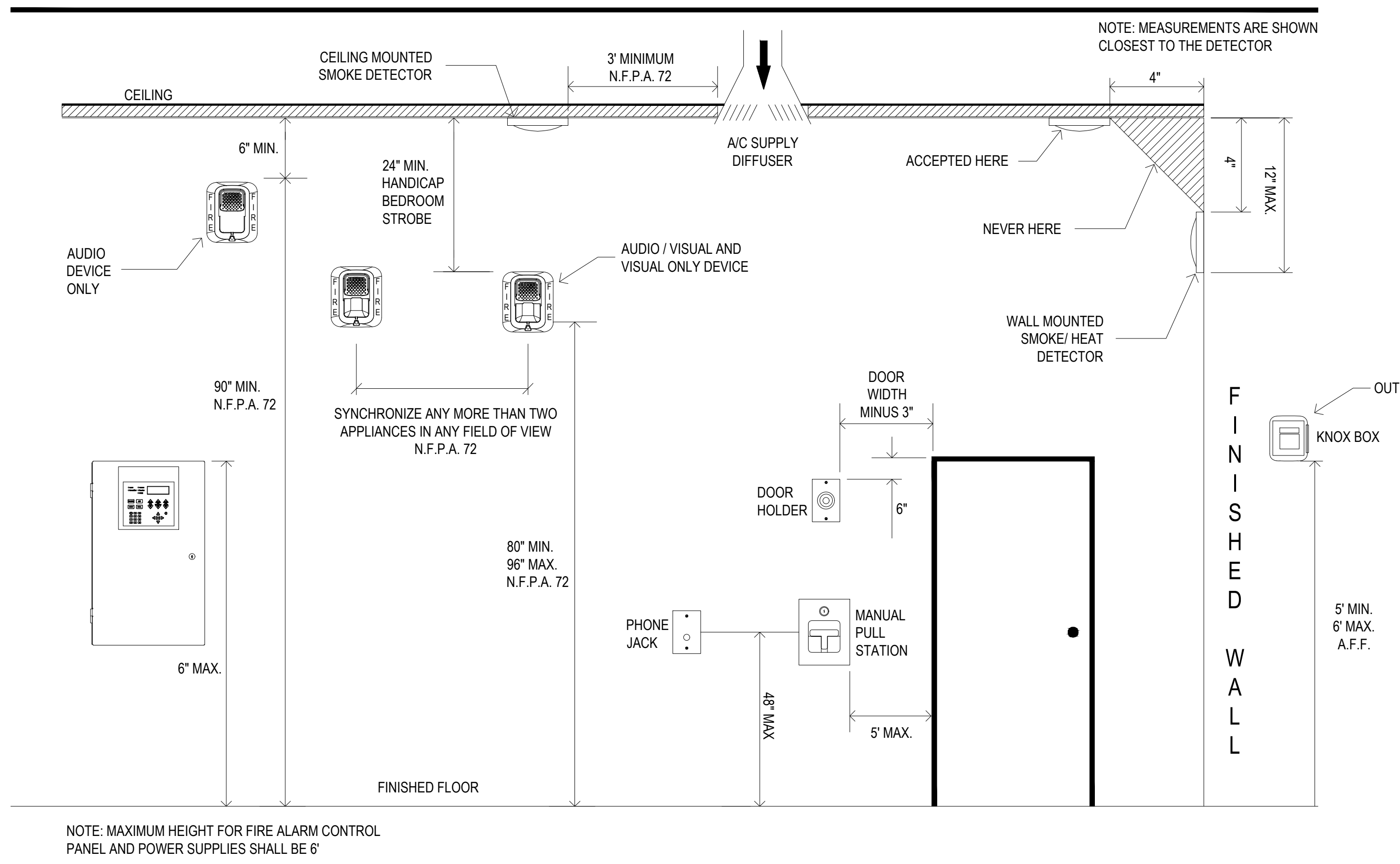
10. ACTIVATION OF SMOKE DETECTOR AT PRIMARY EGRESS LEVEL ELEVATOR LOBBY, WILL RECALL THE ELEVATORS TO THE ALTERNATE EGRESS LEVEL.
11. ACTIVATION OF SMOKE DETECTOR AT ANY OTHER LEVEL THAN THE PRIMARY EGRESS LEVEL WILL RECALL THE ELEVATOR TO THE PRIMARY EGRESS LEVEL.
12. ACTIVATION OF SMOKE DETECTOR INSIDE THE ELEVATOR SHAFT OR ELEVATOR MACHINE ROOM WILL ACTIVATE THE WARNING LIGHT AND RECALL ELEVATOR TO THE PRIMARY EGRESS LEVEL.
13. ACTIVATION OF A SMOKE DETECTOR INSIDE ANY ELEVATOR SHAFT OF ADJACENT ELEVATORS, WILL RECALL BOTH ELEVATORS TO THE PRIMARY EGRESS LEVEL.
14. ACTIVATION OF HEAT DETECTOR INSIDE THE ELEVATOR SHAFT OR ELEVATOR MACHINE ROOM WILL ACTIVATE THE THE SHUNT TRIP.

FDC NOTIFICATION OPERATION:

15. OUTPUT POWERING FDC AUDIBLE AND VISUAL NOTIFICATION APPLIANCE SHALL BE NON-SILENCEABLE.
16. FDC AUDIBLE AND VISUAL NOTIFICATION APPLIANCE SHALL BE ACTIVATE UPON ACTIVATION OF FLOW SWITCH ONLY.
17. FDC AUDIBLE AND VISUAL NOTIFICATION APPLIANCE SHALL BE ACTIVATE AS LONG AS WATER IS FLOWING.
18. FDC AUDIBLE AND VISUAL NOTIFICATION APPLIANCE SHALL NOT BE CAPABLE OF BEING SILENCED FROM THE MAIN CONTROL PANEL.


AREA OF WORK
N
NE 2nd Ave
NE 2nd Ave
NE 3rd AVE
NE 3rd Ave
NE 4Th AVE
NE 4th Ave
NE 6th ST
NE 6th St
NE 6th St
Rudolf & Hoffman PA
SN Beauty Service
Flagler Village Giving Garden
602
601
My Peonika Flower Shop &
Crema Gourmet Breakfast
Ron B. Wilson Photography, Inc
Peter Feldman Park

01 SITE PLAN
N.T.S


CEILING
CEILING MOUNTED SMOKE DETECTOR
3' MINIMUM N.F.P.A. 72
A/C SUPPLY DIFFUSER
4"
ACCEPTED HERE
NEVER HERE
4"
12" MAX.
WALL MOUNTED SMOKE/ HEAT DETECTOR
6" MIN.
24" MIN. HANDICAP BEDROOM STROBE
AUDIO DEVICE ONLY
AUDIO / VISUAL AND VISUAL ONLY DEVICE
FIRE
SYNCHRONIZE ANY MORE THAN TWO APPLIANCES IN ANY FIELD OF VIEW N.F.P.A. 72
90" MIN. N.F.P.A. 72
80" MIN. 96" MAX. N.F.P.A. 72
6" MAX.
DOOR WIDTH MINUS 3"
DOOR HOLDER
6"
PHONE JACK
MANUAL PULL STATION
48" MAX
5' MAX.
FINISHED FLOOR
FINISHED WALL
OUTER SIDE
KNOX BOX
5' MIN. 6' MAX. A.F.F.

NOTE: MEASUREMENTS ARE SHOWN CLOSEST TO THE DETECTOR

NOTE: MAXIMUM HEIGHT FOR FIRE ALARM CONTROL PANEL AND POWER SUPPLIES SHALL BE 6'

02 DEVICE MOUNTING HEIGHTS
N.T.S

		EVENT PRIORITY			SYSTEM OUTPUTS							
		ALARM	SUPERVISORY	TROUBLE	ACTIVATE VISUAL AND AUDIBLE SIGNAL IN FIRE ALARM PANEL	REPORT TO CENTRAL MONITORING STATION	ACTIVATE ALL AUDIBLE/VISUAL NOTIFICATION APPLIANCE CIRCUITS	ACTIVATE FLOW BELL NOTIFICATION APPLIANCE	SHUT DOWN ASSOCIATED AIR HANDLING EQUIPMENT AND DAMPERS	SHUT DOWN ALL MONITORED AIR HANDLING EQUIPMENT AND DAMPERS	ACTIVATE/RELEASE ACCESS CONTROL/DOOR HOLDERS	
	SYSTEM INPUTS				A	B	C	D	E	F	G	
01	MANUAL PULL STATION	X			X	X	X			X	X	01
02	SMOKE/HEAT DETECTOR SPOT TYPE	X			X	X	X			X	X	02
03	SMOKE DETECTOR DUCT MOUNTED		X		X	X			X	X	X	03
04	WATERFLOW ALARM SWITCH	X			X	X	X	X		X	X	04
05	VALVE TAMPER SWITCH		X		X	X						05
06	BACKFLOW VALVE		X		X	X						06
07	KNOX BOX TAMPER SW MONITORING		X		X	X						07
08	SIGNALING LINE OR NOTIFICATION APPLIANCE CIRCUIT OPEN CONDITION			X	X	X						08
09	SIGNALING LINE OR NOTIFICATION APPLIANCE CIRCUIT SHORT CIRCUIT CONDITION			X	X	X						09
10	SIGNALING LINE OR NOTIFICATION APPLIANCE CIRCUIT GROUND FAULT CONDITION			X	X	X						10
11	FIRE ALARM CONTROL PANEL LOSS OF POWER			X	X	X						11
					A	B	C	D	E	F	G	

03 MATRIX OF OPERATION
N.T.S

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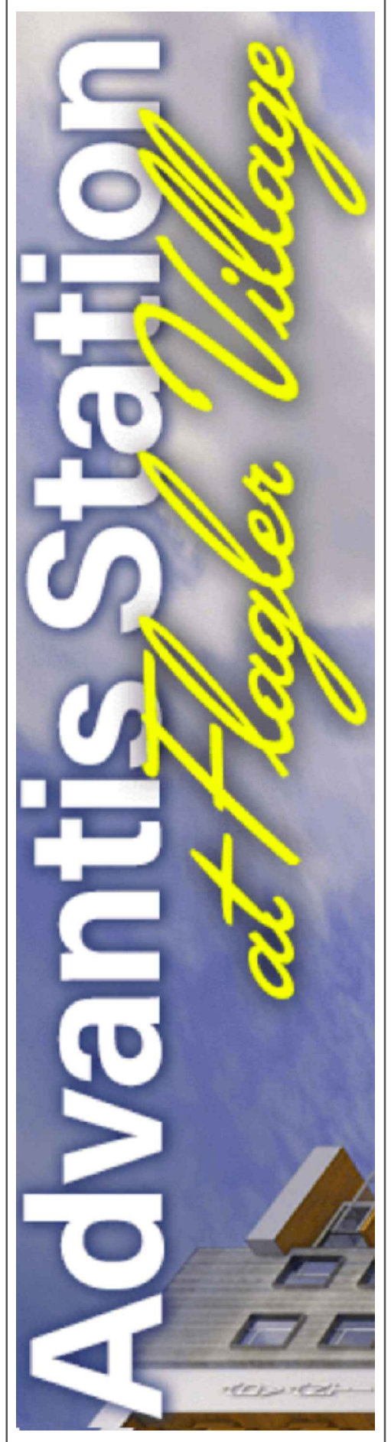
FORT LAUDERDALE
FLORIDA 33304


Advantis Station at Flagler Village

PROJECT ADDRESS: 600 NE 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33304

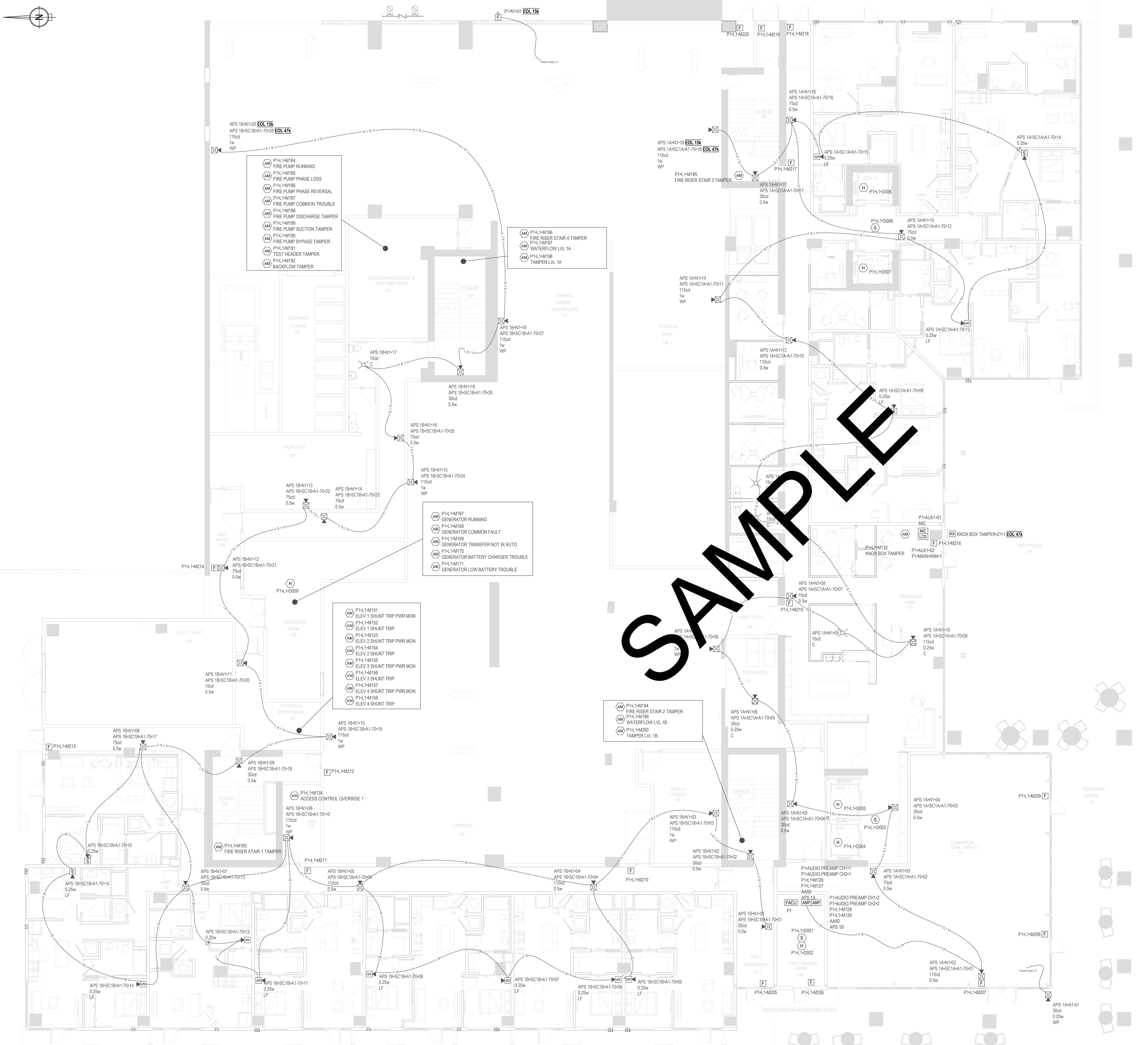
REVISION SCHEDULE

REV No:	DATE:	DESCRIPTION:	DRAWN BY:	REVIEWED BY:
1	01/13/2026	INITIAL REVISION	CG	JC
02				
03				
04				
05				

CONTRACTOR:

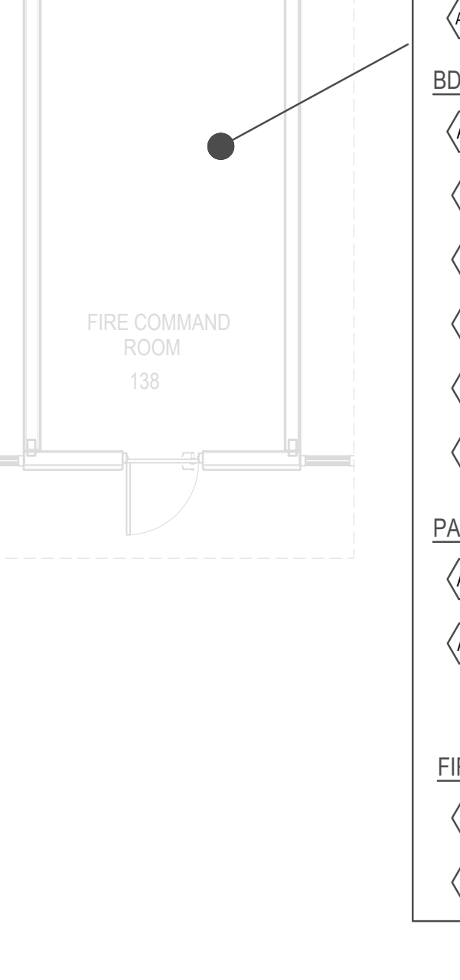
PROJECT No:
25-027
DATE:
01/13/2026
DWG FILE:
AVANTIS.DWG
SCALE:
SEE DRAWINGS
Sheet: 01 of 18

FA-01


P1•N1•01 EOL 15k
FROM PANEL P1
P1•L1•M220
P1•L1•M219
P1•L1•M218
APS 1B•N1•20 EOL 15k
APS 1B•SC1B•A1-70•28 EOL 47k
115cd
1w
WP
P1•L1•M184
FIRE PUMP RUNNING
P1•L1•M185
FIRE PUMP PHASE LOSS
P1•L1•M186
FIRE PUMP PHASE REVERSAL
P1•L1•M187
FIRE PUMP COMMON TROUBLE
P1•L1•M188
FIRE PUMP DISCHARGE TAMPER
P1•L1•M189
FIRE PUMP SUCTION TAMPER
P1•L1•M190
FIRE PUMP BYPASS TAMPER
P1•L1•M191
TEST HEADER TAMPER
P1•L1•M192
BACKFLOW TAMPER
P1•L1•M196
FIRE RISER STAIR 4 TAMPER
P1•L1•M197
WATERFLOW LVL 1A
P1•L1•M198
TAMPER LVL 1A
BACKFLOW PREVENTER & FIRE PUMP ROOM 133
CONTAINER STORAGE 126
STAIR 04 161
PARKING GARAGE GROUND LEVEL 130
VEHICULAR RAMP 136
WORKSHOP 129
BOH ENTRY 139
GENERATOR ROOM 123
UTILITY VAULT 117
ELECTRICAL SWITCH GEAR 116
APS 1B•N1•19
APS 1B•SC1B•A1-70•27
115cd
1w
WP
APS 1B•N1•17
15cd
C
APS 1B•N1•18
APS 1B•SC1B•A1-70•26
30cd
0.5w
APS 1B•N1•16
APS 1B•SC1B•A1-70•25
75cd
0.5w
APS 1B•N1•15
APS 1B•SC1B•A1-70•24
115cd
1w
WP
APS 1B•N1•13
APS 1B•SC1B•A1-70•22
75cd
0.5w
APS 1B•N1•14
APS 1B•SC1B•A1-70•23
75cd
0.5w
P1•L1•M167
GENERATOR RUNNING
P1•L1•M168
GENERATOR COMMON FAULT
P1•L1•M169
GENERATOR TRANSFER NOT IN AUTO
P1•L1•M170
GENERATOR BATTERY CHARGER TROUBLE
P1•L1•M171
GENERATOR LOW BATTERY TROUBLE
P1•L1•M214
APS 1B•N1•12
APS 1B•SC1B•A1-70•21
75cd
0.5w
P1•L1•D009
P1•L1•M151
ELEV 1 SHUNT TRIP PWR MON
P1•L1•M152
ELEV 1 SHUNT TRIP
P1•L1•M153
ELEV 2 SHUNT TRIP PWR MON
P1•L1•M154
ELEV 2 SHUNT TRIP
P1•L1•M155
ELEV 3 SHUNT TRIP PWR MON
P1•L1•M156
ELEV 3 SHUNT TRIP
P1•L1•M157
ELEV 4 SHUNT TRIP PWR MON
P1•L1•M158
ELEV 4 SHUNT TRIP
APS 1B•N1•11
APS 1B•SC1B•A1-70•20
15cd
0.5w
APS 1B•N1•10
APS 1B•SC1B•A1-70•19
115cd
1w
WP
APS 1B•N1•08
APS 1B•SC1B•A1-70•17
75cd
0.5w
P1•L1•M213
APS 1B•N1•09
APS 1B•SC1B•A1-70•18
30cd
0.5w
P1•L1•M212
P1•L1•M134
ACCESS CONTROL OVERRIDE 1
STAIR 01 120
MDF 115
CORRIDOR 124
APS 1B•N1•06
APS 1B•SC1B•A1-70•10
115cd
1w
WP
P1•L1•M193
FIRE RISER STAIR 1 TAMPER
APS 1B•SC1B•A1-70•16
0.25w
LF
APS 1B•SC1B•A1-70•15
0.25w
LF
UNIT 100
UNIT 101
UNIT 102
UNIT 103
UNIT 104
UNIT 105
UNIT 106
P1•L1•M211
APS 1B•N1•07
APS 1B•SC1B•A1-70•13
30cd
0.5w
APS 1B•N1•05
APS 1B•SC1B•A1-70•09
110cd
0.5w
APS 1B•N1•04
APS 1B•SC1B•A1-70•04
110cd
0.5w
P1•L1•M210
APS 1B•SC1B•A1-70•12
0.25w
LF
APS 1B•SC1B•A1-70•14
0.25w
LF
APS 1B•SC1B•A1-70•11
0.25w
LF
APS 1B•SC1B•A1-70•08
0.25w
LF
APS 1B•SC1B•A1-70•07
0.25w
LF
APS 1B•SC1B•A1-70•06
0.25w
LF
APS 1B•SC1B•A1-70•05
0.25w
LF
P1•L1•M194
FIRE RISER STAIR 2 TAMPER
P1•L1•M199
WATERFLOW LVL 1B
P1•L1•M200
TAMPER LVL 1B
BICYCLE STORAGE 114
APS 1B•N1•03
APS 1B•SC1B•A1-70•03
115cd
1w
WP
APS 1B•N1•02
APS 1B•SC1B•A1-70•02
30cd
0.5w
APS 1B•N1•01
APS 1B•SC1B•A1-70•01
30cd
0.5w
STAIR 03 160
APS 1A•N1•18 EOL 15k
APS 1A•SC1A•A1-70•18 EOL 47k
115cd
1w
WP
P1•L1•M195
FIRE RISER STAIR 3 TAMPER
APS 1A•N1•16
APS 1A•SC1A•A1-70•16
75cd
0.5w
APS 1A•SC1A•A1-70•15
0.25w
LF
P1•L1•M217
APS 1A•N1•17
APS 1A•SC1A•A1-70•17
30cd
0.5w
ELEV. 4
P1•L1•D008
ELEV. 3
P1•L1•D007
UNIT 111
UNIT 110
UNIT 109
UNIT 108
APS 1A•SC1A•A1-70•14
0.25w
LF
P1•L1•D006
APS 1A•N1•15
APS 1A•SC1A•A1-70•12
75cd
0.5w
APS 1A•N1•14
APS 1A•SC1A•A1-70•11
115cd
1w
WP
APS 1A•SC1A•A1-70•13
0.25w
LF
APS 1A•N1•13
APS 1A•SC1A•A1-70•10
110cd
0.5w
APS 1A•SC1A•A1-70•09
0.25w
LF
CO-WORKING
APS 1A
15cd
C
15cd
C
1-70•06
1w
WP
P1•AUX1•01
MIC
MIC
LCD
KX KNOX BOX TAMPER•Z1•1 EOL 47k
P1•L1•M216
P1•L1•M132
KNOX BOX TAMPER
P1•AUX1•02
P1•MAIN•ANN•1
ENTRY PLAZA 141
APS 1A•N1•08
APS 1A•SC1A•A1-70•07
15cd
0.5w
P1•L1•M215
LOBBY ENTRY 165
RESIDENTIAL LOBBY 112
APS 1A•N1•09
15cd
C
APS 1A•N1•10
APS 1A•SC1A•A1-70•08
115cd
0.25w
C
TRASH ROOM 128
APS 1A•N1•06
APS 1A•SC1A•A1-70•05
30cd
0.25w
C
STAIR 02 121
ELEV. 2
ELEV. 1
P1•L1•D005
P1•L1•D003
P1•L1•D004
APS 1A•N1•05
APS 1A•SC1A•A1-70•04
30cd
0.5w
APS 1A•N1•04
APS 1A•SC1A•A1-70•03
30cd
0.5w
P1•L1•M209
PEDESTRIAN ARCADE 140
COMMERCIAL (SHELL SPACE) 107
P1•AUDIO PREAMP CH1•1
P1•AUDIO PREAMP CH2•1
P1•L1•M126
P1•L1•M127
AA50
APS 1A
FACU
AMP
AMP
P1
P1•AUDIO PREAMP CH1•2
P1•AUDIO PREAMP CH2•2
P1•L1•M128
P1•L1•M129
AA50
APS 1B
APS 1A•N1•03
APS 1A•SC1A•A1-70•02
75cd
0.5w
P1•L1•D001
P1•L1•D002
EXIT PASSAGEWAY 119
FIRE COMMAND ROOM 138
P1•L1•M208
APS 1A•N1•02
APS 1A•SC1A•A1-70•01
110cd
0.5w
FROM PANEL P1
P1•L1•M205
P1•L1•M206
P1•L1•M207
SEE ENLARGED PLAN FOR MORE DETAILS
APS 1A•N1•01
30cd
0.25w
WP
1 S,1 V
1 S
1 V

SAMPLE

01 FIRE ALARM PLAN - 1ST FLOOR
1/8" - 1'
0' 16' 32'


FIRE COMMAND ROOM 138

F P1•L1•M204
GENERAL EVACUATION
(ACTIVATES NOTIFICATION THROUGHOUT THE ENTIRE BUILDING)

CELL DIALER SUPERVISION

CELL CELL TROUBLE MON•Z1•1 **EOL 47k**
P1•DACT•DACT1•001
AIM P1•L1•M133
CELL TROUBLE MON

ELEVATOR RECALL

AOM P1•L1•M136
PRIMARY RECALL ELEV 1
AOM P1•L1•M137
ALTERNATE RECALL ELEV 1
AOM P1•L1•M138
WARNING LIGHT ELEV 1
AOM P1•L1•M139
PRIMARY RECALL ELEV 2
AOM P1•L1•M140
ALTERNATE RECALL ELEV 2
AOM P1•L1•M141
WARNING LIGHT ELEV 2
AOM P1•L1•M142
PRIMARY RECALL ELEV 3
AOM P1•L1•M143
ALTERNATE RECALL 3
AOM P1•L1•M144
WARNING LIGHT ELEV 3
AOM P1•L1•M145
PRIMARY RECALL ELEV 4
AOM P1•L1•M146
ALTERNATE RECALL ELEV 4
AOM P1•L1•M147
WARNING LIGHT ELEV 4

BDA SUPERVISION

AIM P1•L1•M161
BDA LOSS OF NORMAL AC PWR
AIM P1•L1•M162
BDA BATTERY CHARGER FAILURE
AIM P1•L1•M163
BDA LOW BATTERY CAPACITY
AIM P1•L1•M164
BDA DONNOR ANTENNA MALFUNCTION
AIM P1•L1•M165
BDA ACTIVE RF EMITTING DEVICE MALFUNCTION
AIM P1•L1•M166
BDA SYSTEM COMPONENT MALFUNCTION

PARKING GARAGE FAN CONTROL

AIM P1•L1•M174
PARKING GARAGE FAN CONTROL TROUBLE
AIM P1•L1•M175
PARKING GARAGE FAN CONTROL ALARM

FIRE SMOKE DAMPER CONTROL

AOM P1•L1•M178
FSD 1A
AOM P1•L1•M179
FSD 1B

02 FIRE ALARM FLOOR PLAN. ENLARGED COMMAND ROOM
1/8" - 1'

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FORT LAUDERDALE
FLORIDA 33304

Advantis Station at Flagler Village

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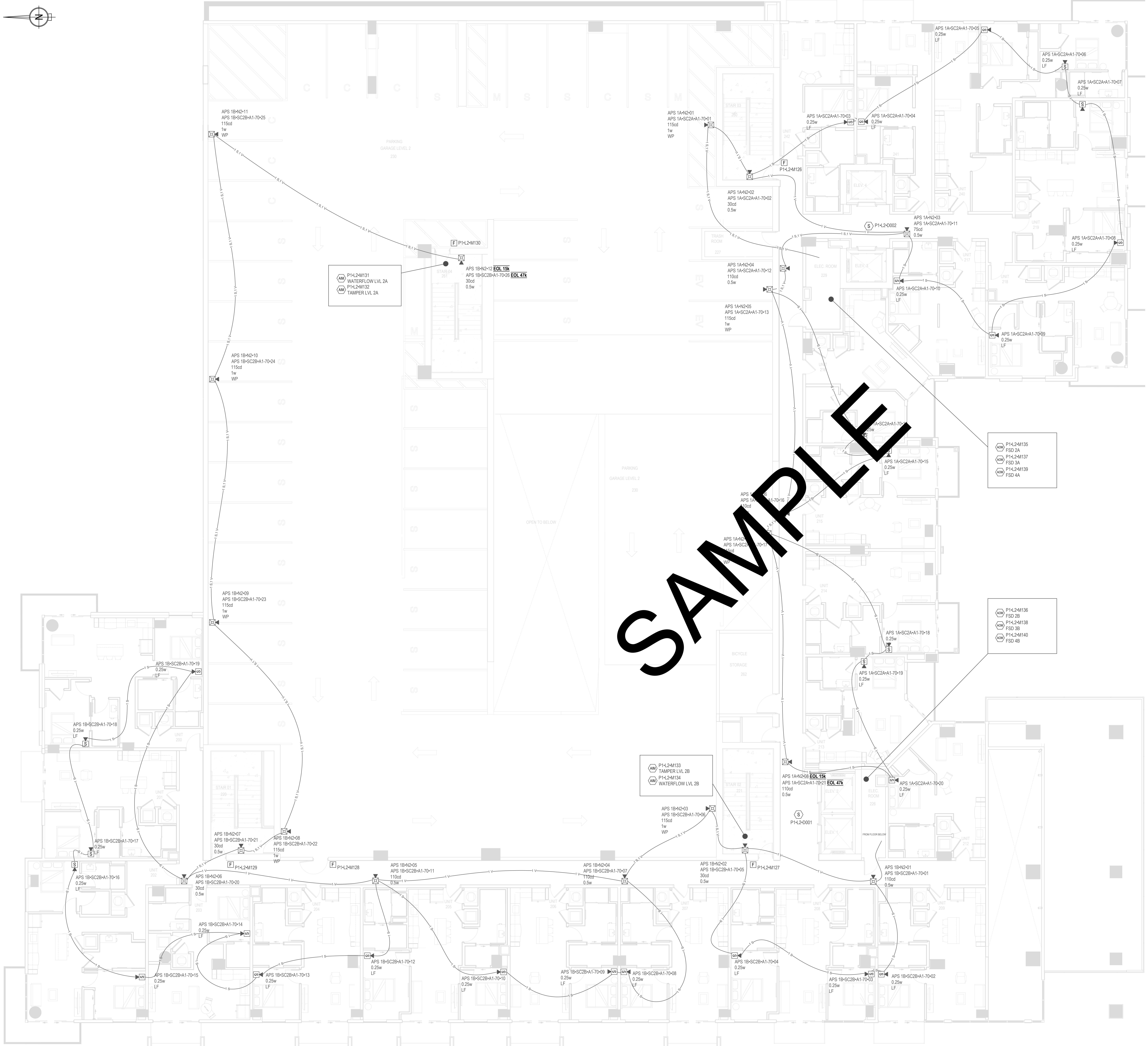
REVISION SCHEDULE

REV No:	DATE:	DESCRIPTION:	DRAWN BY:	REVIEWED BY:
1	01/13/2026	INITIAL REVISION	CG	JC
02				
03				
04				
05				

CONTRACTOR:

PROJECT No:
25-027
DATE:
01/13/2026
DWG FILE:
AVANTIS.DWG
SCALE:
SEE DRAWINGS
Sheet: 02 of 18

FA-02.01


APS 1B•N2•11
APS 1B•SC2B•A1-70•25
115cd
1w
WP
PARKING
GARAGE LEVEL 2
230
P1•L2•M130
P1•L2•M131
WATERFLOW LVL 2A
P1•L2•M132
TAMPER LVL 2A
APS 1B•N2•12 EOL 15k
APS 1B•SC2B•A1-70•26 EOL 47k
30cd
0.5w
STAIR 04
261
APS 1B•N2•10
APS 1B•SC2B•A1-70•24
115cd
1w
WP
APS 1B•N2•09
APS 1B•SC2B•A1-70•23
115cd
1w
WP
APS 1A•N2•01
APS 1A•SC2A•A1-70•01
115cd
1w
WP
STAIR 03
260
P1•L2•M126
APS 1A•SC2A•A1-70•03
0.25w
LF
APS 1A•SC2A•A1-70•04
0.25w
LF
APS 1A•SC2A•A1-70•05
0.25w
LF
APS 1A•SC2A•A1-70•06
0.25w
LF
APS 1A•SC2A•A1-70•07
0.25w
LF
APS 1A•N2•02
APS 1A•SC2A•A1-70•02
30cd
0.5w
TRASH ROOM
227
P1•L2•D002
APS 1A•N2•03
APS 1A•SC2A•A1-70•11
75cd
0.5w
APS 1A•SC2A•A1-70•08
0.25w
LF
APS 1A•N2•04
APS 1A•SC2A•A1-70•12
110cd
0.5w
ELEC. ROOM
229
ELEV. 3
ELEV. 4
APS 1A•SC2A•A1-70•10
0.25w
LF
APS 1A•N2•05
APS 1A•SC2A•A1-70•13
115cd
1w
WP
APS 1A•SC2A•A1-70•09
0.25w
LF
P1•L2•M135
FSD 2A
P1•L2•M137
FSD 3A
P1•L2•M139
FSD 4A
APS 1A•SC2A•A1-70•15
0.25w
LF
APS 1A•SC2A•A1-70•16
110cd
APS 1A•SC2A•A1-70•17
WP
P1•L2•M136
FSD 2B
P1•L2•M138
FSD 3B
P1•L2•M140
FSD 4B
APS 1A•SC2A•A1-70•18
0.25w
APS 1A•SC2A•A1-70•19
0.25w
LF
BICYCLE
STORAGE
262
APS 1B•SC2B•A1-70•19
0.25w
LF
APS 1B•SC2B•A1-70•18
0.25w
LF
APS 1B•SC2B•A1-70•17
0.25w
LF
APS 1B•SC2B•A1-70•16
0.25w
LF
STAIR 01
220
APS 1B•N2•07
APS 1B•SC2B•A1-70•21
30cd
0.5w
APS 1B•N2•08
APS 1B•SC2B•A1-70•22
115cd
1w
WP
P1•L2•M129
P1•L2•M128
APS 1B•N2•06
APS 1B•SC2B•A1-70•20
30cd
0.5w
APS 1B•N2•05
APS 1B•SC2B•A1-70•11
110cd
0.5w
APS 1B•SC2B•A1-70•14
0.25w
LF
APS 1B•SC2B•A1-70•15
0.25w
LF
APS 1B•SC2B•A1-70•13
0.25w
LF
APS 1B•SC2B•A1-70•12
0.25w
LF
APS 1B•SC2B•A1-70•10
0.25w
LF
P1•L2•M133
TAMPER LVL 2B
P1•L2•M134
WATERFLOW LVL 2B
STAIR 02
221
APS 1B•N2•03
APS 1B•SC2B•A1-70•06
115cd
1w
WP
APS 1A•N2•08 EOL 15k
APS 1A•SC2A•A1-70•21 EOL 47k
110cd
0.5w
P1•L2•D001
ELEV. 2
ELEV. 1
ELEC. ROOM
226
FROM FLOOR BELOW
APS 1A•SC2A•A1-70•20
0.25w
LF
APS 1B•N2•04
APS 1B•SC2B•A1-70•07
110cd
0.5w
APS 1B•N2•02
APS 1B•SC2B•A1-70•05
30cd
0.5w
P1•L2•M127
APS 1B•N2•01
APS 1B•SC2B•A1-70•01
110cd
0.5w
APS 1B•SC2B•A1-70•09
0.25w
LF
APS 1B•SC2B•A1-70•08
0.25w
LF
APS 1B•SC2B•A1-70•04
0.25w
LF
APS 1B•SC2B•A1-70•03
0.25w
LF
APS 1B•SC2B•A1-70•02
0.25w
LF
1 S,1 V
1 S
1 V

SAMPLE

01 FIRE ALARM PLAN - 2ND FLOOR
1/8" - 1'
0' 16' 32'

PROJECT:
AVANTIS STATION AT FLAGLER VILLAGE
FORT LAUDERDALE
FLORIDA 33304

Advantis Station at Flagler Village

PROJECT ADDRESS: 600 NE 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33304

REVISION SCHEDULE

REV No:	DATE:	DESCRIPTION:	DRAWN BY:	REVIEWED BY:
1	01/13/2026	INITIAL REVISION	CG	JC
02				
03				
04				
05				

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PROJECT No:
25-027
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01/13/2026
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AVANTIS.DWG
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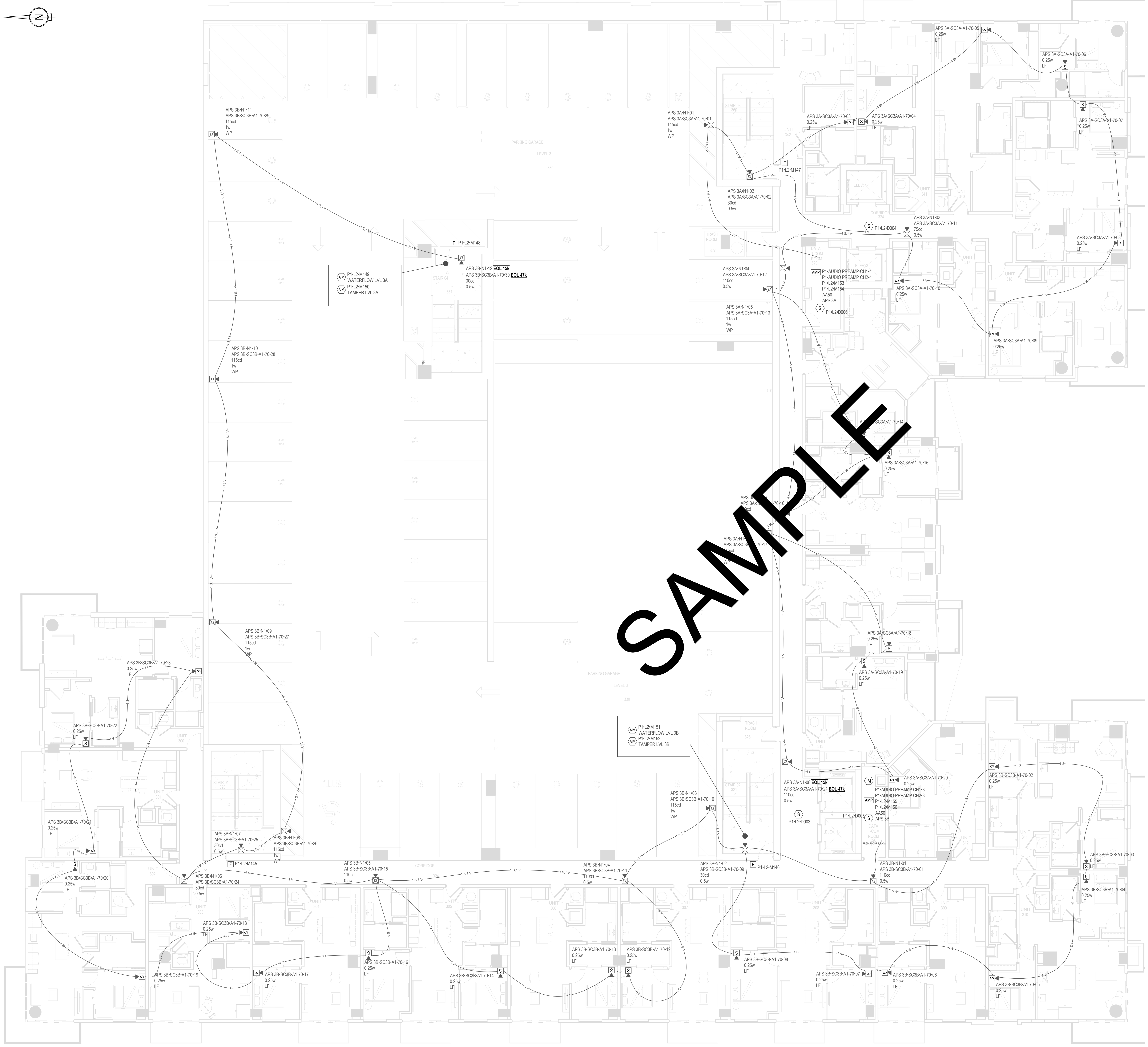
N
APS 3B•N1•11
APS 3B•SC3B•A1-70•29
115cd
1w
WP
PARKING GARAGE
LEVEL 3
330
F P1•L2•M148
AIM P1•L2•M149
WATERFLOW LVL 3A
AIM P1•L2•M150
TAMPER LVL 3A
APS 3B•N1•12 EOL 15k
APS 3B•SC3B•A1-70•30 EOL 47k
30cd
0.5w
STAIR 04
361
APS 3B•N1•10
APS 3B•SC3B•A1-70•28
115cd
1w
WP
APS 3B•N1•09
APS 3B•SC3B•A1-70•27
115cd
1w
WP
APS 3A•N1•01
APS 3A•SC3A•A1-70•01
115cd
1w
WP
STAIR 03
360
APS 3A•N1•02
APS 3A•SC3A•A1-70•02
30cd
0.5w
F P1•L2•M147
APS 3A•SC3A•A1-70•03
0.25w
LF
APS 3A•SC3A•A1-70•04
0.25w
LF
APS 3A•SC3A•A1-70•05
0.25w
LF
APS 3A•SC3A•A1-70•06
0.25w
LF
APS 3A•SC3A•A1-70•07
0.25w
LF
APS 3A•SC3A•A1-70•08
0.25w
LF
APS 3A•SC3A•A1-70•09
0.25w
LF
APS 3A•SC3A•A1-70•10
0.25w
LF
APS 3A•N1•03
APS 3A•SC3A•A1-70•11
75cd
0.5w
S P1•L2•D004
TRASH ROOM
327
CORRIDOR
324
DATA T-COM ROOM
329
ELEV. 4
ELEV. 3
AMP P1•AUDIO PREAMP CH1•4
P1•AUDIO PREAMP CH2•4
P1•L2•M153
P1•L2•M154
AA50
APS 3A
S P1•L2•D006
APS 3A•N1•04
APS 3A•SC3A•A1-70•12
110cd
0.5w
APS 3A•N1•05
APS 3A•SC3A•A1-70•13
115cd
1w
WP
UNIT 342
UNIT 341
UNIT 340
UNIT 319
UNIT 318
UNIT 317
UNIT 316
UNIT 315
UNIT 314
UNIT 313
APS 3A•SC3A•A1-70•14
APS 3A•SC3A•A1-70•15
0.25w
LF
APS 3A•SC3A•A1-70•16
APS 3A•SC3A•A1-70•17
WP
APS 3A•SC3A•A1-70•18
0.25w
LF
APS 3A•SC3A•A1-70•19
0.25w
LF
TRASH ROOM
328
AIM P1•L2•M151
WATERFLOW LVL 3B
AIM P1•L2•M152
TAMPER LVL 3B
STAIR 02
321
APS 3A•N1•08 EOL 15k
APS 3A•SC3A•A1-70•21 EOL 47k
110cd
0.5w
IM
APS 3A•SC3A•A1-70•20
0.25w
AMP P1•AUDIO PREAMP CH1•3
P1•AUDIO PREAMP CH2•3
P1•L2•M155
P1•L2•M156
AA50
APS 3B
S P1•L2•D003
S P1•L2•D005
ELEV. 1
DATA T-COM ROOM
326
FROM FLOOR BELOW
APS 3B•N1•03
APS 3B•SC3B•A1-70•10
115cd
1w
WP
APS 3B•N1•02
APS 3B•SC3B•A1-70•09
30cd
0.5w
F P1•L2•M146
APS 3B•N1•01
APS 3B•SC3B•A1-70•01
110cd
0.5w
APS 3B•SC3B•A1-70•02
0.25w
LF
APS 3B•SC3B•A1-70•03
0.25w
LF
APS 3B•SC3B•A1-70•04
0.25w
LF
APS 3B•SC3B•A1-70•05
0.25w
LF
APS 3B•SC3B•A1-70•06
0.25w
LF
APS 3B•SC3B•A1-70•07
0.25w
LF
APS 3B•SC3B•A1-70•08
0.25w
LF
APS 3B•N1•04
APS 3B•SC3B•A1-70•11
110cd
0.5w
APS 3B•SC3B•A1-70•12
0.25w
LF
APS 3B•SC3B•A1-70•13
0.25w
LF
APS 3B•SC3B•A1-70•14
0.25w
LF
APS 3B•N1•05
APS 3B•SC3B•A1-70•15
110cd
0.5w
CORRIDOR
APS 3B•SC3B•A1-70•16
0.25w
LF
APS 3B•SC3B•A1-70•17
0.25w
LF
APS 3B•SC3B•A1-70•18
0.25w
LF
APS 3B•SC3B•A1-70•19
0.25w
LF
APS 3B•SC3B•A1-70•20
0.25w
LF
APS 3B•SC3B•A1-70•21
0.25w
LF
APS 3B•SC3B•A1-70•22
0.25w
LF
APS 3B•SC3B•A1-70•23
0.25w
LF
APS 3B•N1•06
APS 3B•SC3B•A1-70•24
30cd
0.5w
APS 3B•N1•07
APS 3B•SC3B•A1-70•25
30cd
0.5w
F P1•L2•M145
APS 3B•N1•08
APS 3B•SC3B•A1-70•26
115cd
1w
WP
STAIR 01
320
UNIT 300
UNIT 301
UNIT 302
UNIT 303
UNIT 304
UNIT 305
UNIT 306
UNIT 307
UNIT 308
UNIT 309
UNIT 310
UNIT 311
UNIT 312
1 S,1 V
1 S
1 V
0'
16'
32'

01 FIRE ALARM PLAN - 3RD FLOOR
1/8" - 1'

SAMPLE

PROJECT:
AVANTIS STATION AT FLAGLER VILLAGE
FORT LAUDERDALE
FLORIDA 33304

Advantis Station at Flagler Village

PROJECT ADDRESS: 600 NE 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33304

REVISION SCHEDULE

REV No:	DATE:	DESCRIPTION:	DRAWN BY:	REVIEWED BY:
1	01/13/2026	INITIAL REVISION	CG	JC
02				
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PROJECT No:
25-027
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AVANTIS.DWG
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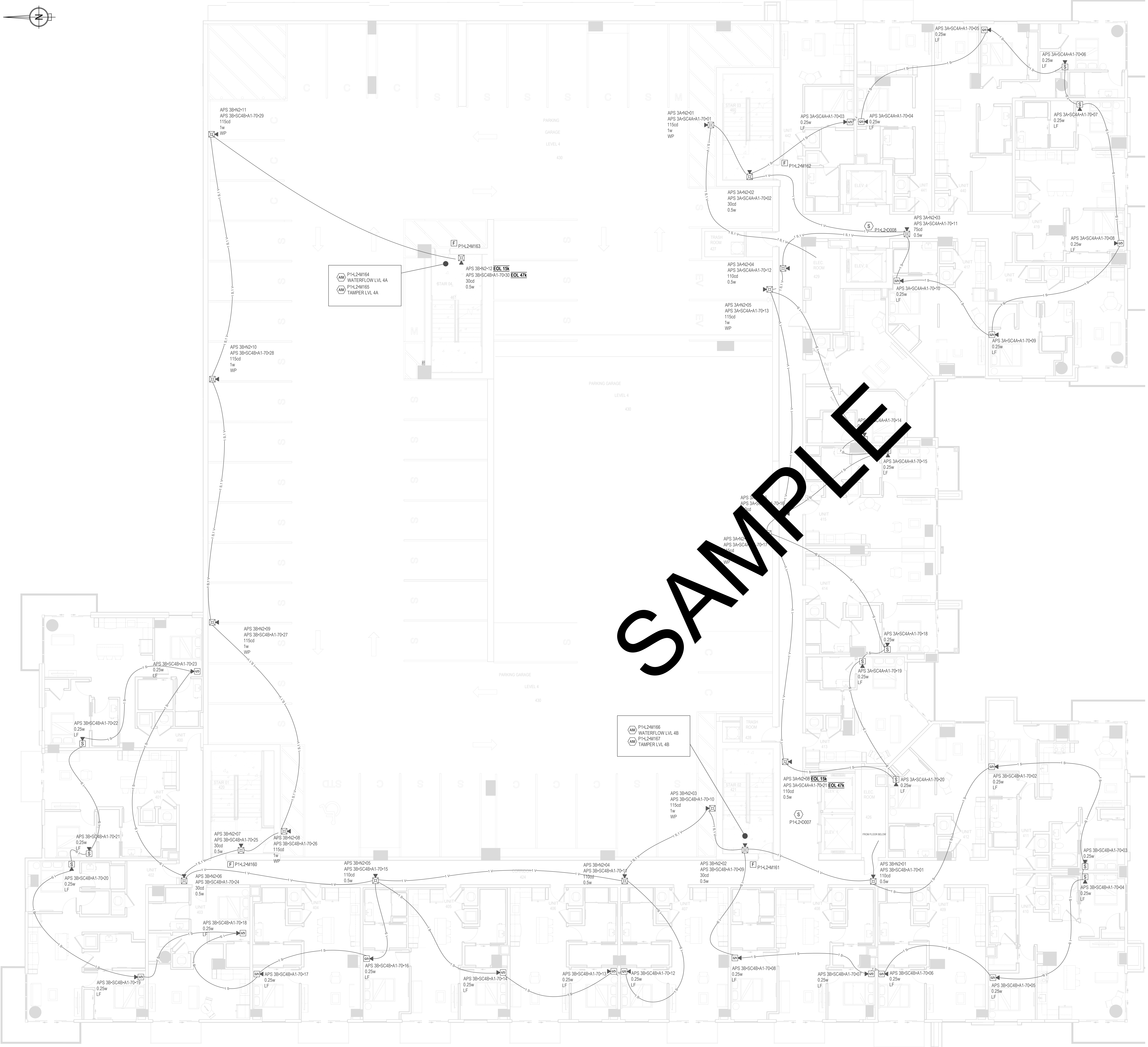

APS 3B•N2•11
APS 3B•SC4B•A1-70•29
115cd
1w
WP
APS 3B•N2•10
APS 3B•SC4B•A1-70•28
115cd
1w
WP
P1•L2•M163
P1•L2•M164
WATERFLOW LVL 4A
P1•L2•M165
TAMPER LVL 4A
APS 3B•N2•12 EOL 15k
APS 3B•SC4B•A1-70•30 EOL 47k
30cd
0.5w
STAIR 04
461
PARKING GARAGE LEVEL 4
430
APS 3A•N2•01
APS 3A•SC4A•A1-70•01
115cd
1w
WP
STAIR 03
460
APS 3A•SC4A•A1-70•03
0.25w
LF
APS 3A•SC4A•A1-70•04
0.25w
LF
P1•L2•M162
APS 3A•SC4A•A1-70•05
0.25w
LF
APS 3A•SC4A•A1-70•06
0.25w
LF
APS 3A•SC4A•A1-70•07
0.25w
LF
APS 3A•N2•02
APS 3A•SC4A•A1-70•02
30cd
0.5w
P1•L2•D008
APS 3A•N2•03
APS 3A•SC4A•A1-70•11
75cd
0.5w
APS 3A•SC4A•A1-70•08
0.25w
LF
APS 3A•N2•04
APS 3A•SC4A•A1-70•12
110cd
0.5w
APS 3A•SC4A•A1-70•10
0.25w
LF
APS 3A•N2•05
APS 3A•SC4A•A1-70•13
115cd
1w
WP
APS 3A•SC4A•A1-70•09
0.25w
LF
TRASH ROOM
427
ELEC. ROOM
429
ELEV. 4
ELEV. 3
UNIT 442
UNIT 441
UNIT 440
UNIT 419
UNIT 417
UNIT 418
UNIT 416
APS
C4A•A1-70•14
APS 3A•SC4A•A1-70•15
0.25w
LF
APS 3A
6
APS 3A•SC
1-70•16
0cd
APS 3A•N2•
APS 3A•SC4A
-70•17
15cd
WP
UNIT 415
UNIT 414
APS 3A•SC4A•A1-70•18
0.25w
APS 3A•SC4A•A1-70•19
0.25w
LF
UNIT 413
APS 3A•N2•08 EOL 15k
APS 3A•SC4A•A1-70•21 EOL 47k
110cd
0.5w
APS 3A•SC4A•A1-70•20
0.25w
LF
P1•L2•D007
TRASH ROOM
428
STAIR 02
421
ELEV. 2
ELEV. 1
ELEC. ROOM
426
FROM FLOOR BELOW
P1•L2•M166
WATERFLOW LVL 4B
P1•L2•M167
TAMPER LVL 4B
APS 3B•N2•09
APS 3B•SC4B•A1-70•27
115cd
1w
WP
APS 3B•SC4B•A1-70•23
0.25w
LF
APS 3B•SC4B•A1-70•22
0.25w
LF
APS 3B•SC4B•A1-70•21
0.25w
LF
APS 3B•SC4B•A1-70•20
0.25w
LF
STAIR 01
420
UNIT 400
UNIT 401
UNIT 402
APS 3B•N2•07
APS 3B•SC4B•A1-70•25
30cd
0.5w
APS 3B•N2•08
APS 3B•SC4B•A1-70•26
115cd
1w
WP
P1•L2•M160
APS 3B•N2•06
APS 3B•SC4B•A1-70•24
30cd
0.5w
APS 3B•SC4B•A1-70•18
0.25w
LF
APS 3B•SC4B•A1-70•19
0.25w
LF
APS 3B•SC4B•A1-70•17
0.25w
LF
APS 3B•N2•05
APS 3B•SC4B•A1-70•15
110cd
0.5w
APS 3B•SC4B•A1-70•16
0.25w
LF
CORRIDOR
424
APS 3B•N2•04
APS 3B•SC4B•A1-70•11
110cd
0.5w
APS 3B•SC4B•A1-70•14
0.25w
LF
APS 3B•SC4B•A1-70•13
0.25w
LF
APS 3B•SC4B•A1-70•12
0.25w
LF
APS 3B•N2•03
APS 3B•SC4B•A1-70•10
115cd
1w
WP
APS 3B•N2•02
APS 3B•SC4B•A1-70•09
30cd
0.5w
P1•L2•M161
APS 3B•N2•01
APS 3B•SC4B•A1-70•01
110cd
0.5w
APS 3B•SC4B•A1-70•02
0.25w
LF
APS 3B•SC4B•A1-70•03
0.25w
APS 3B•SC4B•A1-70•04
0.25w
LF
APS 3B•SC4B•A1-70•08
0.25w
LF
APS 3B•SC4B•A1-70•07
0.25w
LF
APS 3B•SC4B•A1-70•06
0.25w
LF
APS 3B•SC4B•A1-70•05
0.25w
LF
UNIT 403
UNIT 404
UNIT 405
UNIT 406
UNIT 407
UNIT 408
UNIT 409
UNIT 410
UNIT 411
UNIT 412

01 FIRE ALARM PLAN - 4TH FLOOR

1/8" - 1'

0' 16' 32'

SAMPLE

PROJECT:

AVANTIS STATION AT FLAGLER VILLAGE

FORT LAUDERDALE
FLORIDA 33304

Advantis Station at Flagler Village

PROJECT ADDRESS: 600 NE 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33304

REVISION SCHEDULE

REV No:	DATE:	DESCRIPTION:	DRAWN BY:	REVIEWED BY:
1	01/13/2026	INITIAL REVISION	CG	JC
02				
03				
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05				

CONTRACTOR:

PROJECT No:
25-027

DATE:
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DWG FILE:
AVANTIS.DWG

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Sheet: 05 of 18

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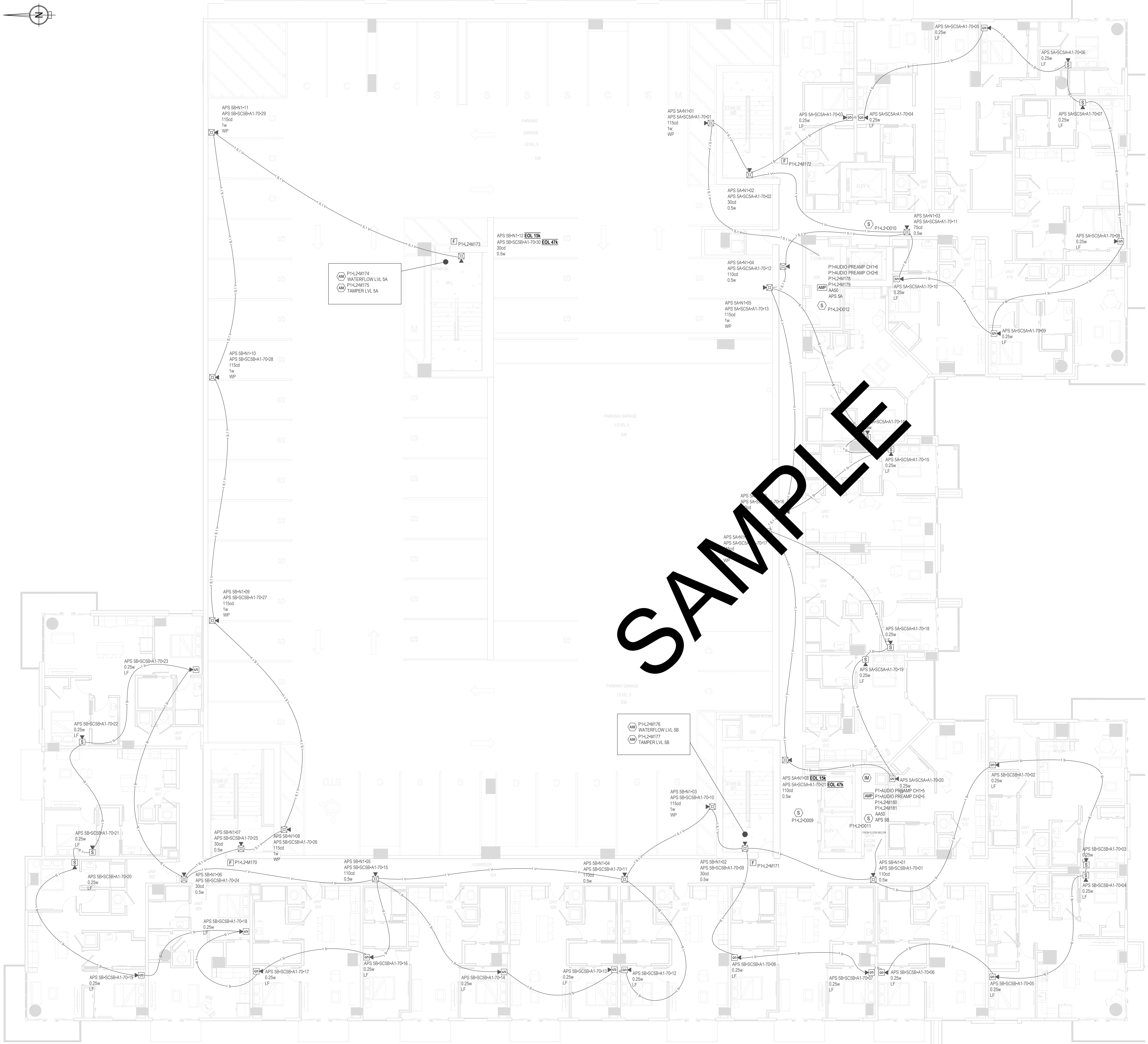
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APS 5B•SC5B•A1-70•29
115cd
1w
WP
1 S,1 V
F P1•L2•M173
APS 5B•N1•12 EOL 15k
APS 5B•SC5B•A1-70•30 EOL 47k
30cd
0.5w
AIM P1•L2•M174
WATERFLOW LVL 5A
AIM P1•L2•M175
TAMPER LVL 5A
STAIR 04
561
PARKING GARAGE LEVEL 5
530
APS 5B•N1•10
APS 5B•SC5B•A1-70•28
115cd
1w
WP
APS 5B•N1•09
APS 5B•SC5B•A1-70•27
115cd
1w
WP
APS 5A•N1•01
APS 5A•SC5A•A1-70•01
115cd
1w
WP
STAIR 03
560
F P1•L2•M172
APS 5A•SC5A•A1-70•03
0.25w
LF
APS 5A•SC5A•A1-70•04
0.25w
LF
APS 5A•SC5A•A1-70•05
0.25w
LF
APS 5A•SC5A•A1-70•06
0.25w
LF
APS 5A•SC5A•A1-70•07
0.25w
LF
APS 5A•N1•02
APS 5A•SC5A•A1-70•02
30cd
0.5w
ELEV. 4
UNIT 542
UNIT 541
UNIT 540
UNIT 519
S P1•L2•D010
APS 5A•N1•03
APS 5A•SC5A•A1-70•11
75cd
0.5w
APS 5A•SC5A•A1-70•08
0.25w
LF
APS 5A•N1•04
APS 5A•SC5A•A1-70•12
110cd
0.5w
DATA T-COM ROOM
529
P1•AUDIO PREAMP CH1•6
P1•AUDIO PREAMP CH2•6
P1•L2•M178
AMP P1•L2•M179
AA50
APS 5A
S P1•L2•D012
APS 5A•SC5A•A1-70•10
0.25w
LF
UNIT 517
UNIT 518
APS 5A•N1•05
APS 5A•SC5A•A1-70•13
115cd
1w
WP
APS 5A•SC5A•A1-70•09
0.25w
LF
UNIT 516
APS 5A•SC5A•A1-70•14
APS 5A•SC5A•A1-70•15
0.25w
LF
APS 5A•SC5A•A1-70•16
APS 5A•N1
APS 5A•SC5A•A1-70•17
WP
UNIT 515
UNIT 514
APS 5A•SC5A•A1-70•18
0.25w
LF
APS 5A•SC5A•A1-70•19
0.25w
LF
UNIT 513
TRASH ROOM
528
AIM P1•L2•M176
WATERFLOW LVL 5B
AIM P1•L2•M177
TAMPER LVL 5B
APS 5A•N1•08 EOL 15k
APS 5A•SC5A•A1-70•21 EOL 47k
110cd
0.5w
IM
APS 5A•SC5A•A1-70•20
0.25w
LF
AMP P1•AUDIO PREAMP CH1•5
P1•AUDIO PREAMP CH2•5
P1•L2•M180
P1•L2•M181
AA50
APS 5B
S P1•L2•D009
S P1•L2•D011
FROM FLOOR BELOW
DATA T-COM ROOM
526
STAIR 02
521
ELEV. 2
ELEV. 1
APS 5B•N1•03
APS 5B•SC5B•A1-70•10
115cd
1w
WP
APS 5B•N1•02
APS 5B•SC5B•A1-70•09
30cd
0.5w
F P1•L2•M171
APS 5B•N1•01
APS 5B•SC5B•A1-70•01
110cd
0.5w
APS 5B•SC5B•A1-70•02
0.25w
LF
APS 5B•SC5B•A1-70•03
0.25w
LF
APS 5B•SC5B•A1-70•04
0.25w
LF
UNIT 512
UNIT 511
UNIT 510
UNIT 509
UNIT 508
UNIT 507
APS 5B•SC5B•A1-70•08
0.25w
LF
APS 5B•SC5B•A1-70•07
0.25w
LF
APS 5B•SC5B•A1-70•06
0.25w
LF
APS 5B•SC5B•A1-70•05
0.25w
LF
APS 5B•SC5B•A1-70•23
0.25w
LF
APS 5B•SC5B•A1-70•22
0.25w
LF
UNIT 500
UNIT 501
APS 5B•SC5B•A1-70•21
0.25w
LF
STAIR 01
520
APS 5B•N1•07
APS 5B•SC5B•A1-70•25
30cd
0.5w
APS 5B•N1•08
APS 5B•SC5B•A1-70•26
115cd
1w
WP
F P1•L2•M170
APS 5B•SC5B•A1-70•20
0.25w
LF
APS 5B•N1•06
APS 5B•SC5B•A1-70•24
30cd
0.5w
UNIT 502
UNIT 503
APS 5B•N1•05
APS 5B•SC5B•A1-70•15
110cd
0.5w
CORRIDOR
524
APS 5B•N1•04
APS 5B•SC5B•A1-70•11
110cd
0.5w
UNIT 504
UNIT 505
UNIT 506
APS 5B•SC5B•A1-70•18
0.25w
LF
APS 5B•SC5B•A1-70•19
0.25w
LF
APS 5B•SC5B•A1-70•17
0.25w
LF
APS 5B•SC5B•A1-70•16
0.25w
LF
APS 5B•SC5B•A1-70•14
0.25w
LF
APS 5B•SC5B•A1-70•13
0.25w
LF
APS 5B•SC5B•A1-70•12
0.25w
LF
1 S
1 V
1 S,1 V

SAMPLE

01 FIRE ALARM PLAN - 5TH FLOOR
1/8" - 1'
0' 16' 32'

PROJECT:

AVANTIS STATION AT FLAGLER VILLAGE

FORT LAUDERDALE
FLORIDA 33304

Advantis Station at Flagler Village

PROJECT ADDRESS: 600 NE 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33304

REVISION SCHEDULE

REV No:	DATE:	DESCRIPTION:	DRAWN BY:	REVIEWED BY:
1	01/13/2026	INITIAL REVISION	CG	JC
02				
03				
04				
05				

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PROJECT No:
25-027
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01/13/2026
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SCALE:
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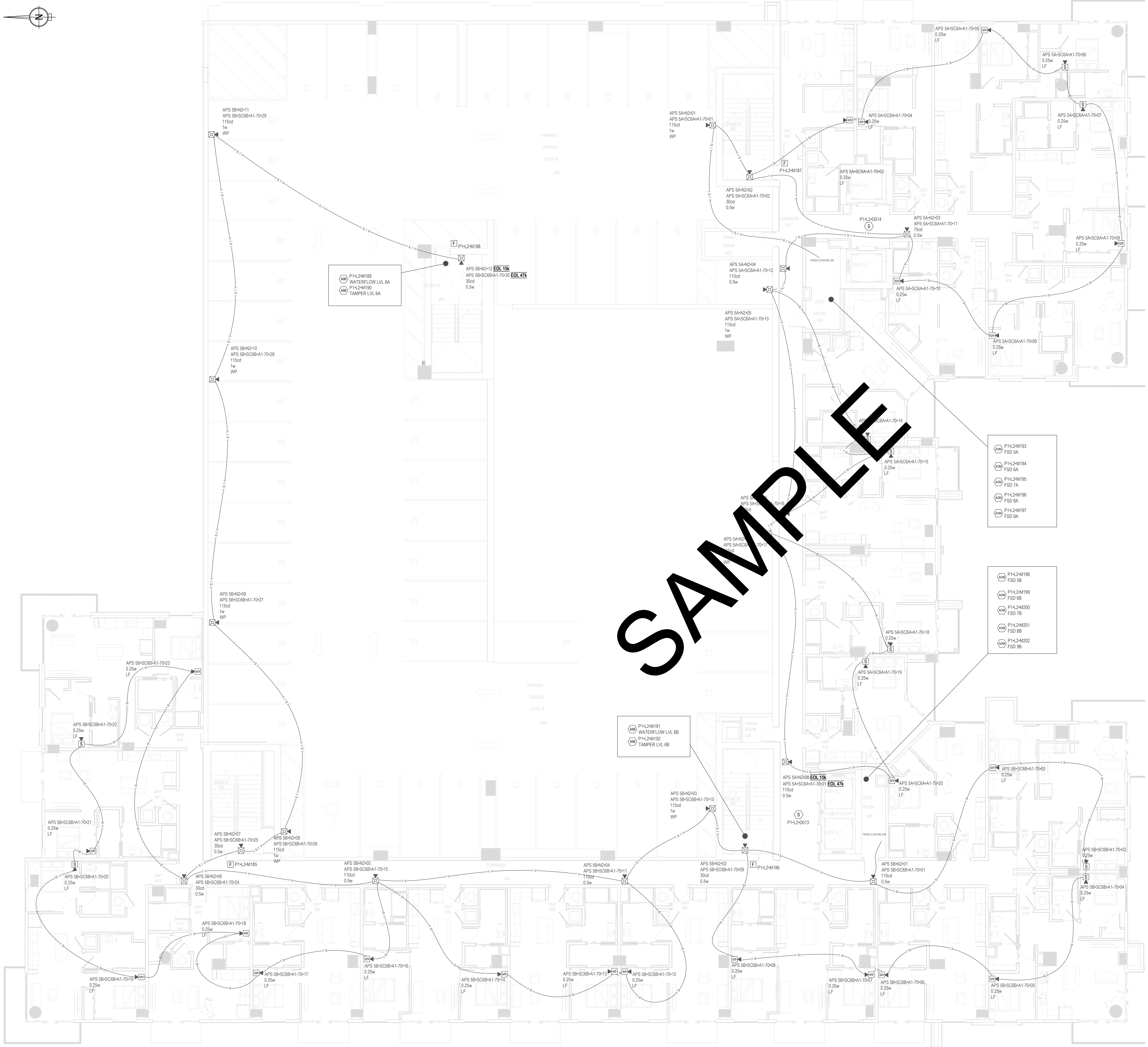
FA-02.05


N
APS 5B•N2•11
APS 5B•SC6B•A1-70•29
115cd
1w
WP
1 S,1 V
PARKING
GARAGE
LEVEL 6
630
STAIR 04
661
F P1•L2•M188
APS 5B•N2•12 EOL 15k
APS 5B•SC6B•A1-70•30 EOL 47k
30cd
0.5w
AIM P1•L2•M189
WATERFLOW LVL 6A
AIM P1•L2•M190
TAMPER LVL 6A
APS 5B•N2•10
APS 5B•SC6B•A1-70•28
115cd
1w
WP
APS 5B•N2•09
APS 5B•SC6B•A1-70•27
115cd
1w
WP
APS 5A•N2•01
APS 5A•SC6A•A1-70•01
115cd
1w
WP
STAIR 03
660
UNIT 642
F P1•L2•M187
APS 5A•N2•02
APS 5A•SC6A•A1-70•02
30cd
0.5w
APS 5A•SC6A•A1-70•04
0.25w
LF
APS 5A•SC6A•A1-70•03
0.25w
LF
ELEV. 4
UNIT 641
UNIT 640
CORRIDOR
624
TRASH
ROOM
627
P1•L2•D014
APS 5A•N2•03
APS 5A•SC6A•A1-70•11
75cd
0.5w
FROM FLOOR BELOW
ELEV. 3
UNIT 617
APS 5A•N2•04
APS 5A•SC6A•A1-70•12
110cd
0.5w
APS 5A•SC6A•A1-70•10
0.25w
LF
ELEC.
ROOM
629
APS 5A•N2•05
APS 5A•SC6A•A1-70•13
115cd
1w
WP
APS 5A•SC6A•A1-70•05
0.25w
LF
APS 5A•SC6A•A1-70•06
0.25w
LF
APS 5A•SC6A•A1-70•07
0.25w
LF
UNIT 619
APS 5A•SC6A•A1-70•08
0.25w
LF
UNIT 618
APS 5A•SC6A•A1-70•09
0.25w
LF
UNIT 616
SC6A•A1-70•14
APS 5A•SC6A•A1-70•15
0.25w
LF
UNIT 615
APS 5A•SC6A•A1-70•17
UNIT 614
APS 5A•SC6A•A1-70•18
0.25w
LF
APS 5A•SC6A•A1-70•19
0.25w
LF
AOM P1•L2•M193
FSD 5A
AOM P1•L2•M194
FSD 6A
AOM P1•L2•M195
FSD 7A
AOM P1•L2•M196
FSD 8A
AOM P1•L2•M197
FSD 9A
AOM P1•L2•M198
FSD 5B
AOM P1•L2•M199
FSD 6B
AOM P1•L2•M200
FSD 7B
AOM P1•L2•M201
FSD 8B
AOM P1•L2•M202
FSD 9B
APS 5B•SC6B•A1-70•23
0.25w
LF
APS 5B•SC6B•A1-70•22
0.25w
LF
UNIT 600
UNIT 601
STAIR 01
620
APS 5B•SC6B•A1-70•21
0.25w
LF
APS 5B•SC6B•A1-70•20
0.25w
LF
APS 5B•N2•07
APS 5B•SC6B•A1-70•25
30cd
0.5w
APS 5B•N2•08
APS 5B•SC6B•A1-70•26
115cd
1w
WP
F P1•L2•M185
APS 5B•N2•06
APS 5B•SC6B•A1-70•24
30cd
0.5w
UNIT 602
UNIT 603
UNIT 604
APS 5B•SC6B•A1-70•18
0.25w
LF
APS 5B•SC6B•A1-70•19
0.25w
LF
APS 5B•SC6B•A1-70•17
0.25w
LF
APS 5B•N2•05
APS 5B•SC6B•A1-70•15
110cd
0.5w
APS 5B•SC6B•A1-70•16
0.25w
LF
UNIT 605
UNIT 606
UNIT 607
APS 5B•SC6B•A1-70•14
0.25w
LF
APS 5B•N2•04
APS 5B•SC6B•A1-70•11
110cd
0.5w
APS 5B•SC6B•A1-70•13
0.25w
LF
APS 5B•SC6B•A1-70•12
0.25w
LF
AIM P1•L2•M191
WATERFLOW LVL 6B
AIM P1•L2•M192
TAMPER LVL 6B
APS 5B•N2•03
APS 5B•SC6B•A1-70•10
115cd
1w
WP
STAIR 02
621
TRASH
ROOM
628
APS 5B•N2•02
APS 5B•SC6B•A1-70•09
30cd
0.5w
F P1•L2•M186
APS 5A•N2•08 EOL 15k
APS 5A•SC6A•A1-70•21 EOL 47k
110cd
0.5w
P1•L2•D013
ELEV. 2
ELEV. 1
ELEC.
ROOM
626
FROM FLOOR BELOW
UNIT 613
APS 5A•SC6A•A1-70•20
0.25w
LF
APS 5B•N2•01
APS 5B•SC6B•A1-70•01
110cd
0.5w
APS 5B•SC6B•A1-70•02
0.25w
LF
UNIT 612
UNIT 611
UNIT 610
UNIT 609
UNIT 608
APS 5B•SC6B•A1-70•03
0.25w
LF
APS 5B•SC6B•A1-70•04
0.25w
LF
APS 5B•SC6B•A1-70•08
0.25w
LF
APS 5B•SC6B•A1-70•07
0.25w
LF
APS 5B•SC6B•A1-70•06
0.25w
LF
APS 5B•SC6B•A1-70•05
0.25w
LF

SAMPLE

01 FIRE ALARM PLAN - 6TH FLOOR
1/8" - 1'
0' 16' 32'

PROJECT:
AVANTIS STATION AT FLAGLER VILLAGE
FORT LAUDERDALE
FLORIDA 33304

Advantis Station at Flagler Village

PROJECT ADDRESS: 600 NE 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33304

REVISION SCHEDULE

REV No:	DATE:	DESCRIPTION:	DRAWN BY:	REVIEWED BY:
1	01/13/2026	INITIAL REVISION	CG	JC
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25-027
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01/13/2026
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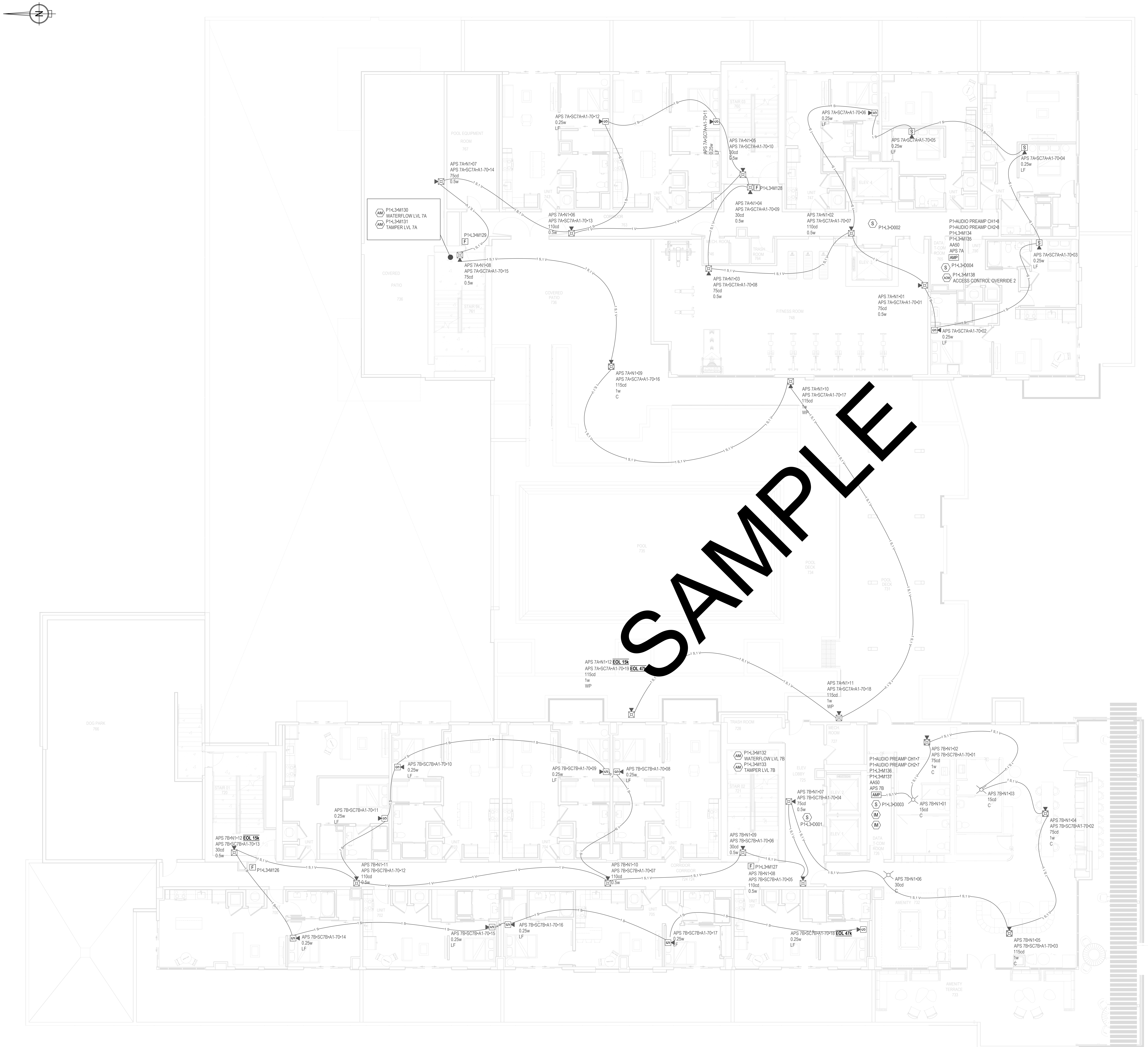
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0.25w
LF
APS 7A•SC7A•A1-70•11
0.25w
LF
APS 7A•N1•05
APS 7A•SC7A•A1-70•10
30cd
0.5w
APS 7A•SC7A•A1-70•06
0.25w
LF
APS 7A•SC7A•A1-70•05
0.25w
LF
APS 7A•SC7A•A1-70•04
0.25w
LF
APS 7A•N1•07
APS 7A•SC7A•A1-70•14
75cd
0.5w
P1•L3•M130
WATERFLOW LVL 7A
P1•L3•M131
TAMPER LVL 7A
P1•L3•M129
APS 7A•N1•06
APS 7A•SC7A•A1-70•13
110cd
0.5w
P1•L3•M128
APS 7A•N1•04
APS 7A•SC7A•A1-70•09
30cd
0.5w
APS 7A•N1•02
APS 7A•SC7A•A1-70•07
110cd
0.5w
P1•L3•D002
P1•AUDIO PREAMP CH1•8
P1•AUDIO PREAMP CH2•8
P1•L3•M134
P1•L3•M135
AA50
APS 7A
AMP
P1•L3•D004
P1•L3•M138
ACCESS CONTROL OVERRIDE 2
APS 7A•SC7A•A1-70•03
0.25w
LF
APS 7A•N1•08
APS 7A•SC7A•A1-70•15
75cd
0.5w
APS 7A•N1•03
APS 7A•SC7A•A1-70•08
75cd
0.5w
APS 7A•N1•01
APS 7A•SC7A•A1-70•01
75cd
0.5w
APS 7A•SC7A•A1-70•02
0.25w
LF
APS 7A•N1•09
APS 7A•SC7A•A1-70•16
115cd
1w
C
APS 7A•N1•10
APS 7A•SC7A•A1-70•17
115cd
1w
WP
POOL EQUIPMENT ROOM 767
COVERED PATIO 736
STAIR 04 761
UNIT 743
UNIT 745
STAIR 03 760
CORRIDOR 763
MECH. ROOM 746
TRASH ROOM 764
FITNESS ROOM 748
ELEV. 4
ELEV. 3
UNIT 747
UNIT 749
UNIT 751
UNIT 750
DATA T-COM ROOM 765
APS 7A•N1•12 EOL 15k
APS 7A•SC7A•A1-70•19 EOL 47k
115cd
1w
WP
APS 7A•N1•11
APS 7A•SC7A•A1-70•18
115cd
1w
WP
APS 7B•SC7B•A1-70•10
0.25w
LF
APS 7B•SC7B•A1-70•09
0.25w
LF
APS 7B•SC7B•A1-70•08
0.25w
LF
APS 7B•SC7B•A1-70•11
0.25w
LF
APS 7B•N1•12 EOL 15k
APS 7B•SC7B•A1-70•13
30cd
0.5w
P1•L3•M126
APS 7B•N1•11
APS 7B•SC7B•A1-70•12
110cd
0.5w
APS 7B•N1•10
APS 7B•SC7B•A1-70•07
110cd
0.5w
APS 7B•SC7B•A1-70•14
0.25w
LF
APS 7B•SC7B•A1-70•15
0.25w
LF
APS 7B•SC7B•A1-70•16
0.25w
LF
APS 7B•SC7B•A1-70•17
0.25w
LF
APS 7B•SC7B•A1-70•18 EOL 47k
0.25w
LF
P1•L3•M132
WATERFLOW LVL 7B
P1•L3•M133
TAMPER LVL 7B
APS 7B•N1•07
APS 7B•SC7B•A1-70•04
75cd
0.5w
P1•L3•D001
APS 7B•N1•09
APS 7B•SC7B•A1-70•06
30cd
0.5w
P1•L3•M127
APS 7B•N1•08
APS 7B•SC7B•A1-70•05
110cd
0.5w
P1•AUDIO PREAMP CH1•7
P1•AUDIO PREAMP CH2•7
P1•L3•M136
P1•L3•M137
AA50
APS 7B
AMP
P1•L3•D003
IM
IM
APS 7B•N1•02
APS 7B•SC7B•A1-70•01
75cd
1w
C
APS 7B•N1•01
15cd
C
APS 7B•N1•03
15cd
C
APS 7B•N1•04
APS 7B•SC7B•A1-70•02
75cd
1w
C
APS 7B•N1•06
30cd
C
APS 7B•N1•05
APS 7B•SC7B•A1-70•03
115cd
1w
C
STAIR 01 720
UNIT 700
UNIT 701
UNIT 702
UNIT 703
UNIT 704
UNIT 705
UNIT 706
UNIT 707
CORRIDOR 724
TRASH ROOM 728
MECH. ROOM 727
ELEV LOBBY 725
STAIR 02 721
ELEV. 2
ELEV. 1
DATA T-COM ROOM 726
AMENITY 732
AMENITY TERRACE 733

SAMPLE

01 FIRE ALARM PLAN - 7TH FLOOR
1/8" - 1'
0' 16' 32'

PROJECT:
AVANTIS STATION AT FLAGLER VILLAGE
FORT LAUDERDALE
FLORIDA 33304

Advantis Station at Flagler Village

PROJECT ADDRESS: 600 NE 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33304

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REV No:	DATE:	DESCRIPTION:	DRAWN BY:	REVIEWED BY:
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01/13/2026
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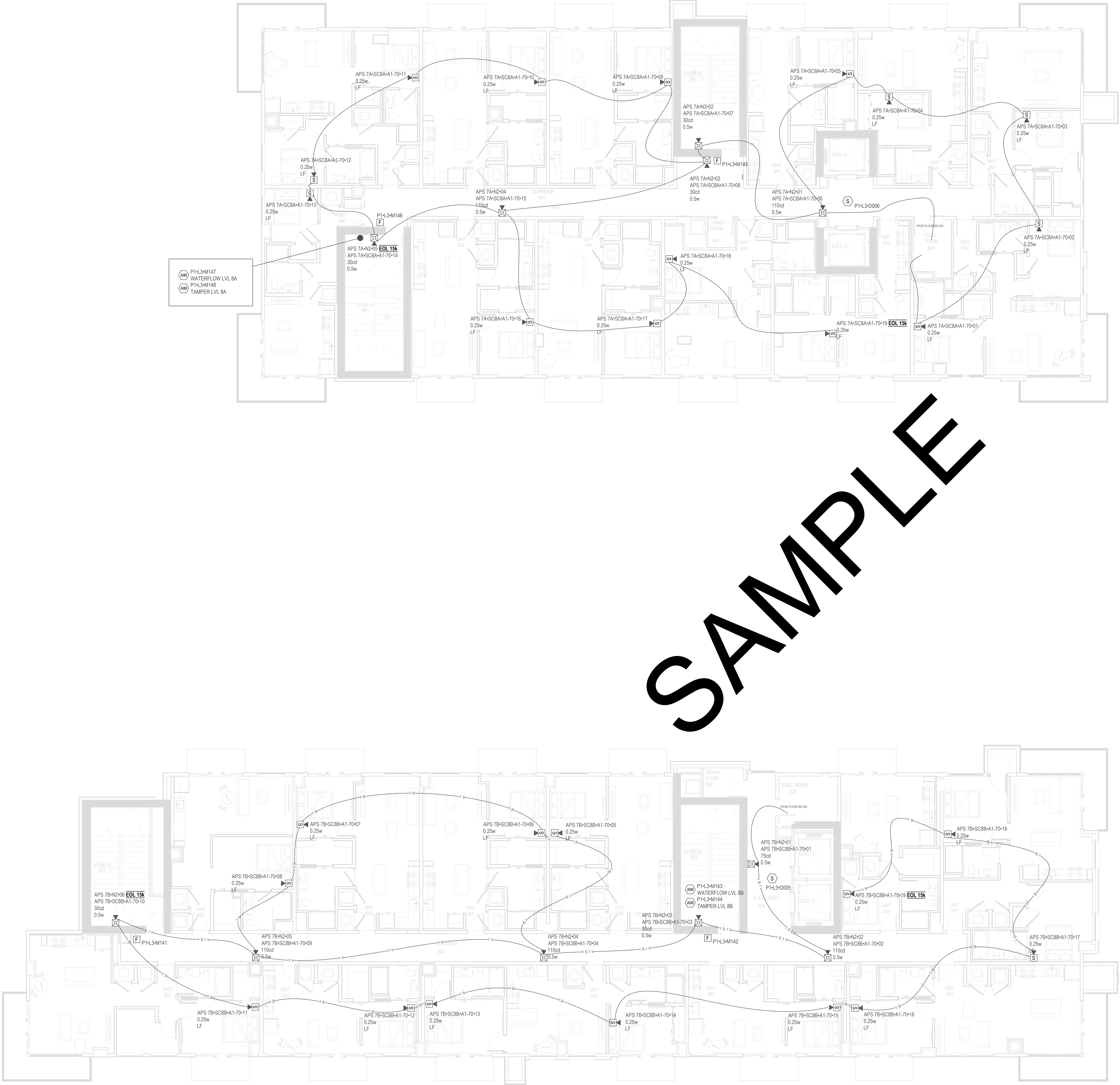
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0.25w
LF
APS 7A•SC8A•A1-70•10
0.25w
LF
APS 7A•SC8A•A1-70•09
0.25w
LF
STAIR 03
860
APS 7A•N2•02
APS 7A•SC8A•A1-70•07
30cd
0.5w
F
P1•L3•M145
APS 7A•N2•03
APS 7A•SC8A•A1-70•08
30cd
0.5w
APS 7A•SC8A•A1-70•05
0.25w
LF
APS 7A•SC8A•A1-70•04
0.25w
LF
APS 7A•SC8A•A1-70•03
0.25w
LF
APS 7A•SC8A•A1-70•12
0.25w
LF
APS 7A•SC8A•A1-70•13
0.25w
LF
P1•L3•M146
F
APS 7A•N2•04
APS 7A•SC8A•A1-70•15
110cd
0.5w
CORRIDOR
863
APS 7A•N2•01
APS 7A•SC8A•A1-70•06
110cd
0.5w
S
P1•L3•D006
FROM FLOOR BELOW
ELEC. ROOM
854
APS 7A•SC8A•A1-70•02
0.25w
LF
APS 7A•N2•05 EOL 15k
APS 7A•SC8A•A1-70•14
30cd
0.5w
AIM
P1•L3•M147
WATERFLOW LVL 8A
AIM
P1•L3•M148
TAMPER LVL 8A
STAIR 04
861
APS 7A•SC8A•A1-70•18
0.25w
LF
TRASH ROOM
864
ELEV. 4
ELEV. 3
UNIT 840
UNIT 841
UNIT 842
UNIT 843
UNIT 844
UNIT 845
UNIT 846
UNIT 847
UNIT 848
UNIT 849
UNIT 850
UNIT 851
APS 7A•SC8A•A1-70•16
0.25w
LF
APS 7A•SC8A•A1-70•17
0.25w
LF
APS 7A•SC8A•A1-70•19 EOL 15k
0.25w
LF
APS 7A•SC8A•A1-70•01
0.25w
LF
TRASH ROOM
828
ELEC. ROOM
827
FROM FLOOR BELOW
APS 7B•SC8B•A1-70•07
0.25w
LF
APS 7B•SC8B•A1-70•06
0.25w
LF
APS 7B•SC8B•A1-70•05
0.25w
LF
APS 7B•SC8B•A1-70•18
0.25w
LF
STAIR 01
820
STAIR 02
821
APS 7B•SC8B•A1-70•08
0.25w
LF
APS 7B•N2•01
APS 7B•SC8B•A1-70•01
75cd
0.5w
S
P1•L3•D005
AIM
P1•L3•M143
WATERFLOW LVL 8B
AIM
P1•L3•M144
TAMPER LVL 8B
APS 7B•N2•06 EOL 15k
APS 7B•SC8B•A1-70•10
30cd
0.5w
APS 7B•SC8B•A1-70•19 EOL 15k
0.25w
LF
ELEV. LOBBY
825
ELEV. 2
ELEV. 1
APS 7B•N2•03
APS 7B•SC8B•A1-70•03
30cd
0.5w
F
P1•L3•M141
APS 7B•N2•05
APS 7B•SC8B•A1-70•09
110cd
0.5w
APS 7B•N2•04
APS 7B•SC8B•A1-70•04
110cd
0.5w
F
P1•L3•M142
APS 7B•N2•02
APS 7B•SC8B•A1-70•02
110cd
0.5w
APS 7B•SC8B•A1-70•17
0.25w
LF
CORRIDOR
824
1 S
1 V
1 S,1 V
UNIT 800
UNIT 801
UNIT 802
UNIT 803
UNIT 804
UNIT 805
UNIT 806
UNIT 807
UNIT 808
UNIT 809
UNIT 810
APS 7B•SC8B•A1-70•11
0.25w
LF
APS 7B•SC8B•A1-70•12
0.25w
LF
APS 7B•SC8B•A1-70•13
0.25w
LF
APS 7B•SC8B•A1-70•14
0.25w
LF
APS 7B•SC8B•A1-70•15
0.25w
LF
APS 7B•SC8B•A1-70•16
0.25w
LF

SAMPLE

01 FIRE ALARM PLAN - 8TH FLOOR
1/8" - 1'
0' 16' 32'

PROJECT:

AVANTIS STATION AT FLAGLER VILLAGE

FORT LAUDERDALE
FLORIDA 33304

Advantis Station at Flagler Village

PROJECT ADDRESS: 600 NE 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33304

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REV No:	DATE:	DESCRIPTION:	DRAWN BY:	REVIEWED BY:
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DATE:
01/13/2026
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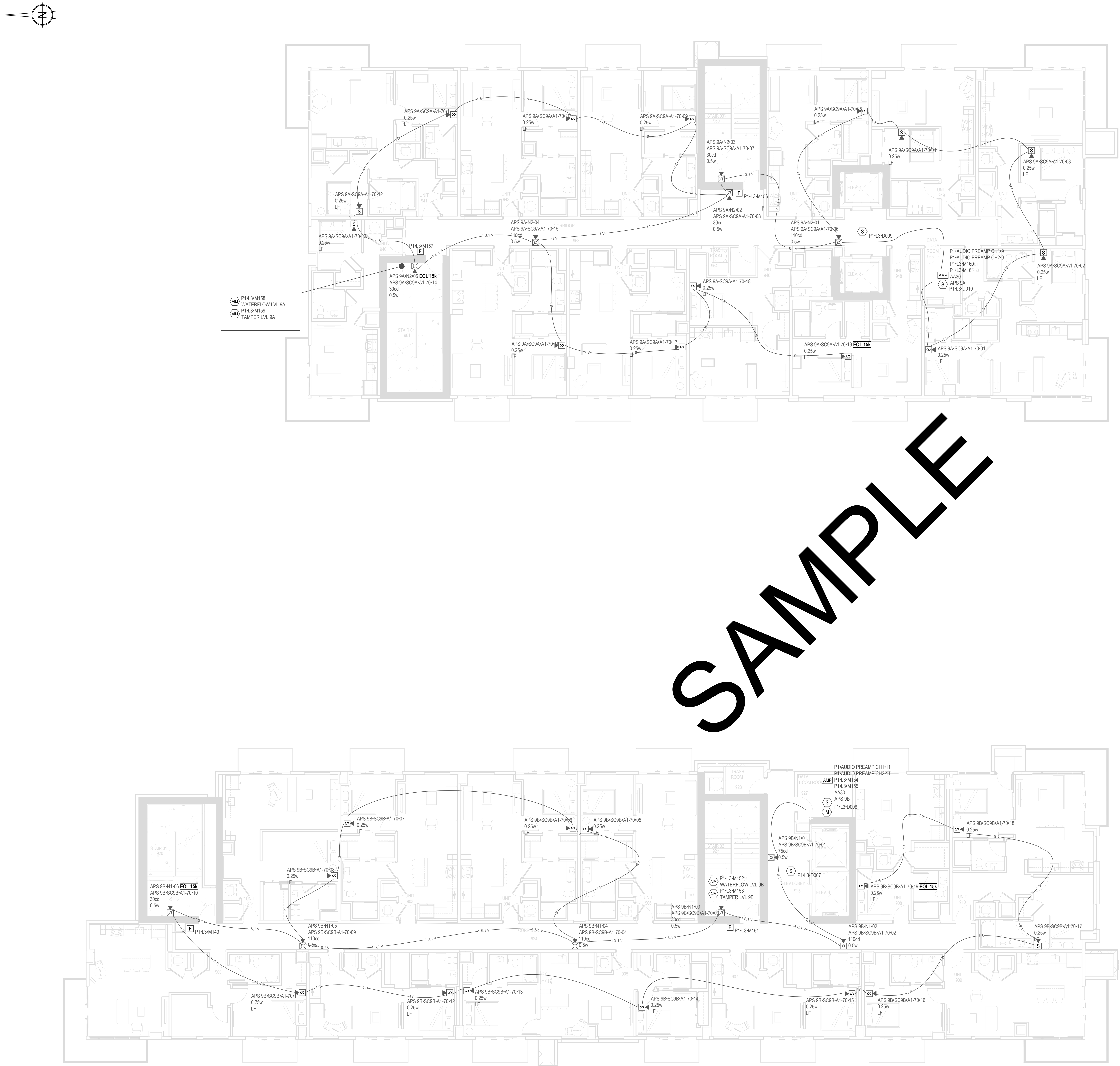
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APS 9A•SC9A•A1-70•11
0.25w
LF
APS 9A•SC9A•A1-70•10
0.25w
LF
APS 9A•SC9A•A1-70•09
0.25w
LF
STAIR 03
960
APS 9A•N2•03
APS 9A•SC9A•A1-70•07
30cd
0.5w
F
P1•L3•M156
APS 9A•N2•02
APS 9A•SC9A•A1-70•08
30cd
0.5w
APS 9A•SC9A•A1-70•12
0.25w
LF
APS 9A•SC9A•A1-70•13
0.25w
LF
P1•L3•M157
F
APS 9A•N2•05 EOL 15k
APS 9A•SC9A•A1-70•14
30cd
0.5w
AIM P1•L3•M158
WATERFLOW LVL 9A
AIM P1•L3•M159
TAMPER LVL 9A
STAIR 04
961
APS 9A•N2•04
APS 9A•SC9A•A1-70•15
110cd
0.5w
CORRIDOR
963
APS 9A•SC9A•A1-70•16
0.25w
LF
APS 9A•SC9A•A1-70•17
0.25w
LF
APS 9A•SC9A•A1-70•18
0.25w
LF
TRASH ROOM
964
UNIT 940
UNIT 941
UNIT 942
UNIT 943
UNIT 944
UNIT 945
UNIT 946
UNIT 947
UNIT 948
UNIT 949
UNIT 950
UNIT 951
APS 9A•SC9A•A1-70•05
0.25w
LF
APS 9A•SC9A•A1-70•04
0.25w
LF
APS 9A•SC9A•A1-70•03
0.25w
LF
ELEV. 4
ELEV. 3
APS 9A•N2•01
APS 9A•SC9A•A1-70•06
110cd
0.5w
S P1•L3•D009
DATA T-COM ROOM 965
P1•AUDIO PREAMP CH1•9
P1•AUDIO PREAMP CH2•9
P1•L3•M160
P1•L3•M161
AMP AA30
S APS 9A
P1•L3•D010
APS 9A•SC9A•A1-70•02
0.25w
LF
APS 9A•SC9A•A1-70•19 EOL 15k
0.25w
LF
APS 9A•SC9A•A1-70•01
0.25w
LF
1 S
1 V
1 S,1 V
STAIR 01
920
APS 9B•N1•06 EOL 15k
APS 9B•SC9B•A1-70•10
30cd
0.5w
F P1•L3•M149
APS 9B•SC9B•A1-70•08
0.25w
LF
APS 9B•SC9B•A1-70•07
0.25w
LF
APS 9B•N1•05
APS 9B•SC9B•A1-70•09
110cd
0.5w
APS 9B•SC9B•A1-70•11
0.25w
LF
APS 9B•SC9B•A1-70•12
0.25w
LF
APS 9B•SC9B•A1-70•13
0.25w
LF
APS 9B•SC9B•A1-70•06
0.25w
LF
APS 9B•SC9B•A1-70•05
0.25w
LF
APS 9B•N1•04
APS 9B•SC9B•A1-70•04
110cd
0.5w
CORRIDOR
924
APS 9B•SC9B•A1-70•14
0.25w
LF
TRASH ROOM
928
STAIR 02
921
AIM P1•L3•M152
WATERFLOW LVL 9B
AIM P1•L3•M153
TAMPER LVL 9B
APS 9B•N1•03
APS 9B•SC9B•A1-70•03
30cd
0.5w
F P1•L3•M151
DATA T-COM ROOM
927
P1•AUDIO PREAMP CH1•11
P1•AUDIO PREAMP CH2•11
AMP P1•L3•M154
P1•L3•M155
AA30
S APS 9B
P1•L3•D008
IM
APS 9B•N1•01
APS 9B•SC9B•A1-70•01
75cd
0.5w
S P1•L3•D007
ELEV LOBBY
925
ELEV. 2
ELEV. 1
APS 9B•N1•02
APS 9B•SC9B•A1-70•02
110cd
0.5w
APS 9B•SC9B•A1-70•15
0.25w
LF
APS 9B•SC9B•A1-70•16
0.25w
LF
APS 9B•SC9B•A1-70•18
0.25w
LF
APS 9B•SC9B•A1-70•19 EOL 15k
0.25w
LF
APS 9B•SC9B•A1-70•17
0.25w
LF
UNIT 901
UNIT 903
UNIT 904
UNIT 906
UNIT 908
UNIT 909
UNIT 910
900
902
905
907

SAMPLE

01 FIRE ALARM PLAN - 9TH FLOOR
1/8" - 1'
0' 16' 32'

PROJECT:

AVANTIS STATION AT FLAGLER VILLAGE

FORT LAUDERDALE
FLORIDA 33304

Advantis Station at Flagler Village

PROJECT ADDRESS: 600 NE 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33304

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REV No:	DATE:	DESCRIPTION:	DRAWN BY:	REVIEWED BY:
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02				
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05				

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PROJECT No:
25-027
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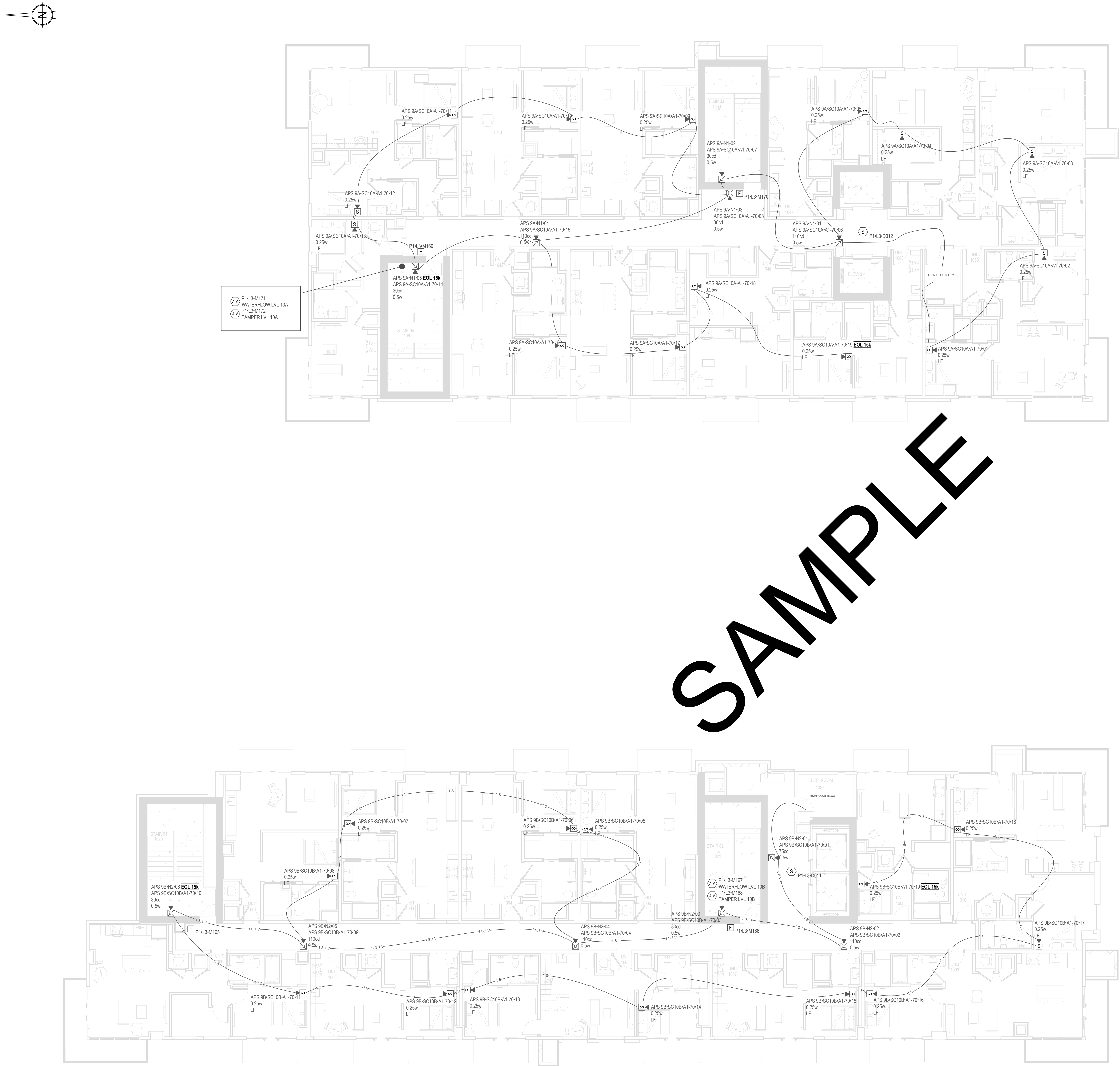
N
APS 9A•SC10A•A1-70•11
0.25w
LF
APS 9A•SC10A•A1-70•10
0.25w
LF
APS 9A•SC10A•A1-70•09
0.25w
LF
APS 9A•N1•02
APS 9A•SC10A•A1-70•07
30cd
0.5w
STAIR 03
1060
P1•L3•M170
APS 9A•N1•03
APS 9A•SC10A•A1-70•08
30cd
0.5w
APS 9A•SC10A•A1-70•12
0.25w
LF
APS 9A•SC10A•A1-70•13
0.25w
LF
P1•L3•M169
APS 9A•N1•04
APS 9A•SC10A•A1-70•15
110cd
0.5w
APS 9A•N1•05 EOL 15k
APS 9A•SC10A•A1-70•14
30cd
0.5w
STAIR 04
1061
P1•L3•M171
WATERFLOW LVL 10A
P1•L3•M172
TAMPER LVL 10A
APS 9A•SC10A•A1-70•16
0.25w
LF
APS 9A•SC10A•A1-70•17
0.25w
LF
APS 9A•SC10A•A1-70•18
0.25w
LF
APS 9A•SC10A•A1-70•05
0.25w
LF
APS 9A•SC10A•A1-70•04
0.25w
LF
APS 9A•SC10A•A1-70•03
0.25w
LF
ELEV. 4
APS 9A•N1•01
APS 9A•SC10A•A1-70•06
110cd
0.5w
P1•L3•D012
ELEV. 3
FROM FLOOR BELOW
APS 9A•SC10A•A1-70•02
0.25w
LF
APS 9A•SC10A•A1-70•19 EOL 15k
0.25w
LF
APS 9A•SC10A•A1-70•01
0.25w
LF
APS 9B•SC10B•A1-70•07
0.25w
LF
APS 9B•SC10B•A1-70•06
0.25w
LF
APS 9B•SC10B•A1-70•05
0.25w
LF
APS 9B•SC10B•A1-70•08
0.25w
LF
STAIR 01
1020
APS 9B•N2•06 EOL 15k
APS 9B•SC10B•A1-70•10
30cd
0.5w
P1•L3•M165
APS 9B•N2•05
APS 9B•SC10B•A1-70•09
110cd
0.5w
APS 9B•N2•04
APS 9B•SC10B•A1-70•04
110cd
0.5w
APS 9B•SC10B•A1-70•11
0.25w
LF
APS 9B•SC10B•A1-70•12
0.25w
LF
APS 9B•SC10B•A1-70•13
0.25w
LF
APS 9B•SC10B•A1-70•14
0.25w
LF
ELEC. ROOM
1027
FROM FLOOR BELOW
STAIR 02
1021
P1•L3•M167
WATERFLOW LVL 10B
P1•L3•M168
TAMPER LVL 10B
APS 9B•N2•03
APS 9B•SC10B•A1-70•03
30cd
0.5w
P1•L3•M166
APS 9B•N2•01
APS 9B•SC10B•A1-70•01
75cd
0.5w
P1•L3•D011
ELEV. 2
ELEV. 1
APS 9B•N2•02
APS 9B•SC10B•A1-70•02
110cd
0.5w
APS 9B•SC10B•A1-70•19 EOL 15k
0.25w
LF
APS 9B•SC10B•A1-70•18
0.25w
LF
APS 9B•SC10B•A1-70•17
0.25w
LF
APS 9B•SC10B•A1-70•15
0.25w
LF
APS 9B•SC10B•A1-70•16
0.25w
LF
1 S
1 S,1 V

SAMPLE

01 FIRE ALARM PLAN - 10TH FLOOR
1/8" - 1'
0' 16' 32'

PROJECT:
AVANTIS STATION AT FLAGLER VILLAGE
FORT LAUDERDALE
FLORIDA 33304

Advantis Station at Flagler Village

PROJECT ADDRESS: 600 NE 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33304

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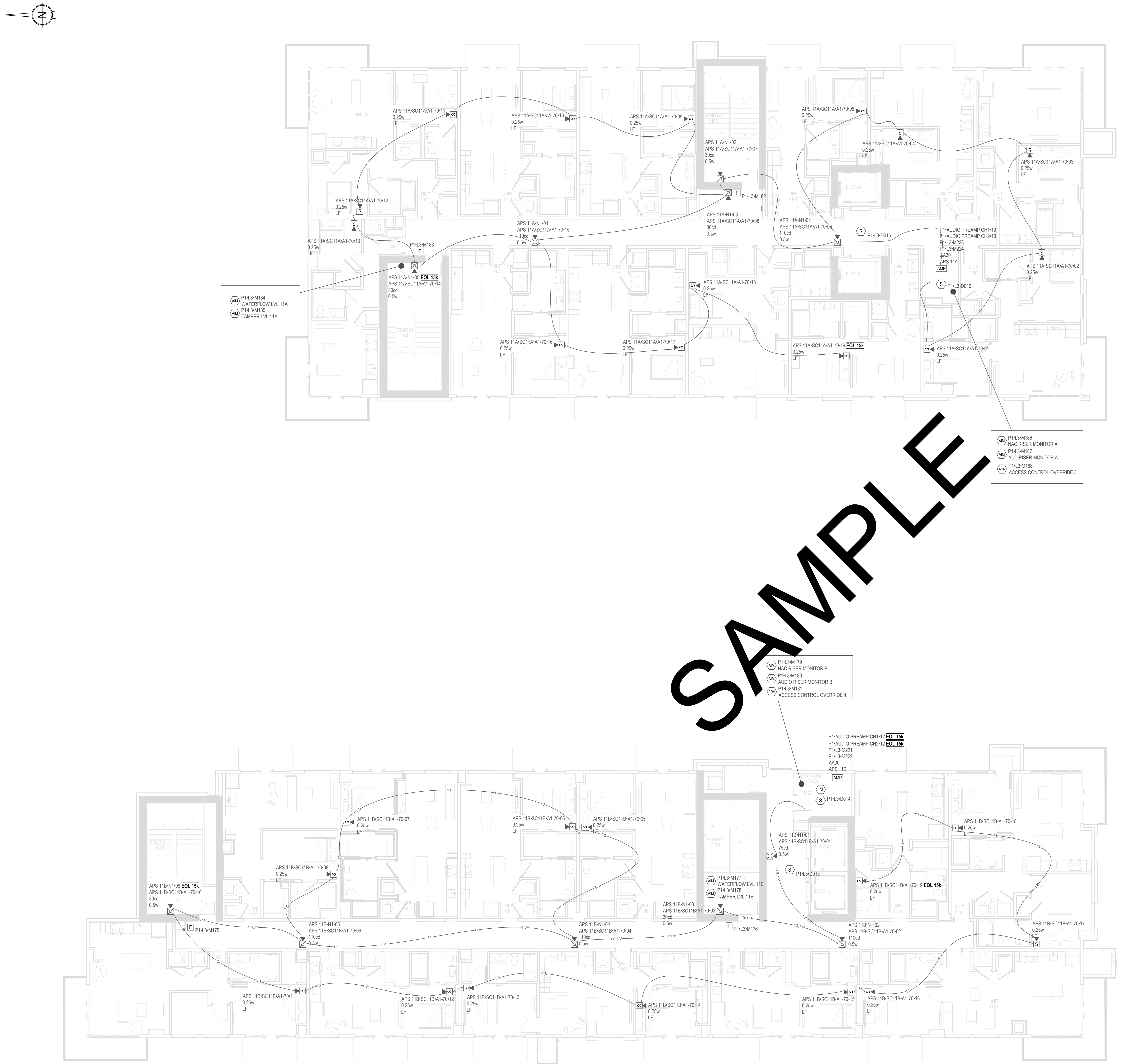
UNIT B7
APS 11A•SC11A•A1-70•11
0.25w
LF
APS 11A•SC11A•A1-70•10
0.25w
LF
APS 11A•SC11A•A1-70•09
0.25w
LF
STAIR 03
1160
APS 11A•N1•02
APS 11A•SC11A•A1-70•07
30cd
0.5w
P1•L3•M182
APS 11A•SC11A•A1-70•12
0.25w
LF
APS 11A•SC11A•A1-70•13
0.25w
LF
P1•L3•M183
APS 11A•N1•04
APS 11A•SC11A•A1-70•15
110cd
0.5w
APS 11A•N1•03
APS 11A•SC11A•A1-70•08
30cd
0.5w
APS 11A•N1•05 EOL 15k
APS 11A•SC11A•A1-70•14
30cd
0.5w
P1•L3•M184
WATERFLOW LVL 11A
P1•L3•M185
TAMPER LVL 11A
STAIR 04
1161
UNIT 1140
UNIT 1141
UNIT 1142
UNIT 1143
UNIT 1144
UNIT 1145
UNIT 1146
UNIT 1147
UNIT 1148
UNIT 1149
UNIT 1150
UNIT 1151
APS 11A•SC11A•A1-70•16
0.25w
LF
APS 11A•SC11A•A1-70•17
0.25w
LF
APS 11A•SC11A•A1-70•18
0.25w
LF
APS 11A•SC11A•A1-70•05
0.25w
LF
APS 11A•SC11A•A1-70•04
0.25w
LF
APS 11A•SC11A•A1-70•03
0.25w
LF
ELEV. 4
ELEV. 3
APS 11A•N1•01
APS 11A•SC11A•A1-70•06
110cd
0.5w
P1•L3•D015
P1•AUDIO PREAMP CH1•10
P1•AUDIO PREAMP CH2•10
P1•L3•M223
P1•L3•M224
AA30
APS 11A
AMP
P1•L3•D016
APS 11A•SC11A•A1-70•02
0.25w
LF
APS 11A•SC11A•A1-70•19 EOL 15k
0.25w
LF
APS 11A•SC11A•A1-70•01
0.25w
LF
P1•L3•M186
NAC RISER MONITOR A
P1•L3•M187
AUD RISER MONITOR A
P1•L3•M188
ACCESS CONTROL OVERRIDE 3
P1•L3•M179
NAC RISER MONITOR B
P1•L3•M180
AUDIO RISER MONITOR B
P1•L3•M181
ACCESS CONTROL OVERRIDE 4
P1•AUDIO PREAMP CH1•12 EOL 15k
P1•AUDIO PREAMP CH2•12 EOL 15k
P1•L3•M221
P1•L3•M222
AA30
APS 11B
AMP
DATA/T-COM ROOM
1127
IM
P1•L3•D014
STAIR 01
1120
STAIR 02
1121
APS 11B•SC11B•A1-70•07
0.25w
LF
APS 11B•SC11B•A1-70•06
0.25w
LF
APS 11B•SC11B•A1-70•05
0.25w
LF
APS 11B•SC11B•A1-70•08
0.25w
LF
APS 11B•N1•06 EOL 15k
APS 11B•SC11B•A1-70•10
30cd
0.5w
P1•L3•M175
APS 11B•N1•05
APS 11B•SC11B•A1-70•09
110cd
0.5w
APS 11B•N1•04
APS 11B•SC11B•A1-70•04
110cd
0.5w
APS 11B•N1•03
APS 11B•SC11B•A1-70•03
30cd
0.5w
P1•L3•M177
WATERFLOW LVL 11B
P1•L3•M178
TAMPER LVL 11B
P1•L3•M176
APS 11B•N1•01
APS 11B•SC11B•A1-70•01
75cd
0.5w
P1•L3•D013
ELEV. 2
ELEV. 1
APS 11B•N1•02
APS 11B•SC11B•A1-70•02
110cd
0.5w
APS 11B•SC11B•A1-70•18
0.25w
LF
APS 11B•SC11B•A1-70•19 EOL 15k
0.25w
LF
APS 11B•SC11B•A1-70•17
0.25w
LF
UNIT 1100
UNIT 1101
UNIT 1102
UNIT 1103
UNIT 1104
UNIT 1105
UNIT 1106
UNIT 1107
UNIT 1108
UNIT 1109
UNIT 1110
APS 11B•SC11B•A1-70•11
0.25w
LF
APS 11B•SC11B•A1-70•12
0.25w
LF
APS 11B•SC11B•A1-70•13
0.25w
LF
APS 11B•SC11B•A1-70•14
0.25w
LF
APS 11B•SC11B•A1-70•15
0.25w
LF
APS 11B•SC11B•A1-70•16
0.25w
LF
1 S
1 S,1 V
1 V

SAMPLE

01 FIRE ALARM PLAN - 11TH FLOOR
1/8" - 1'
0' 16' 32'

PROJECT:
AVANTIS STATION AT FLAGLER VILLAGE
FORT LAUDERDALE
FLORIDA 33304

Advantis Station at Flagler Village

PROJECT ADDRESS: 600 NE 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33304

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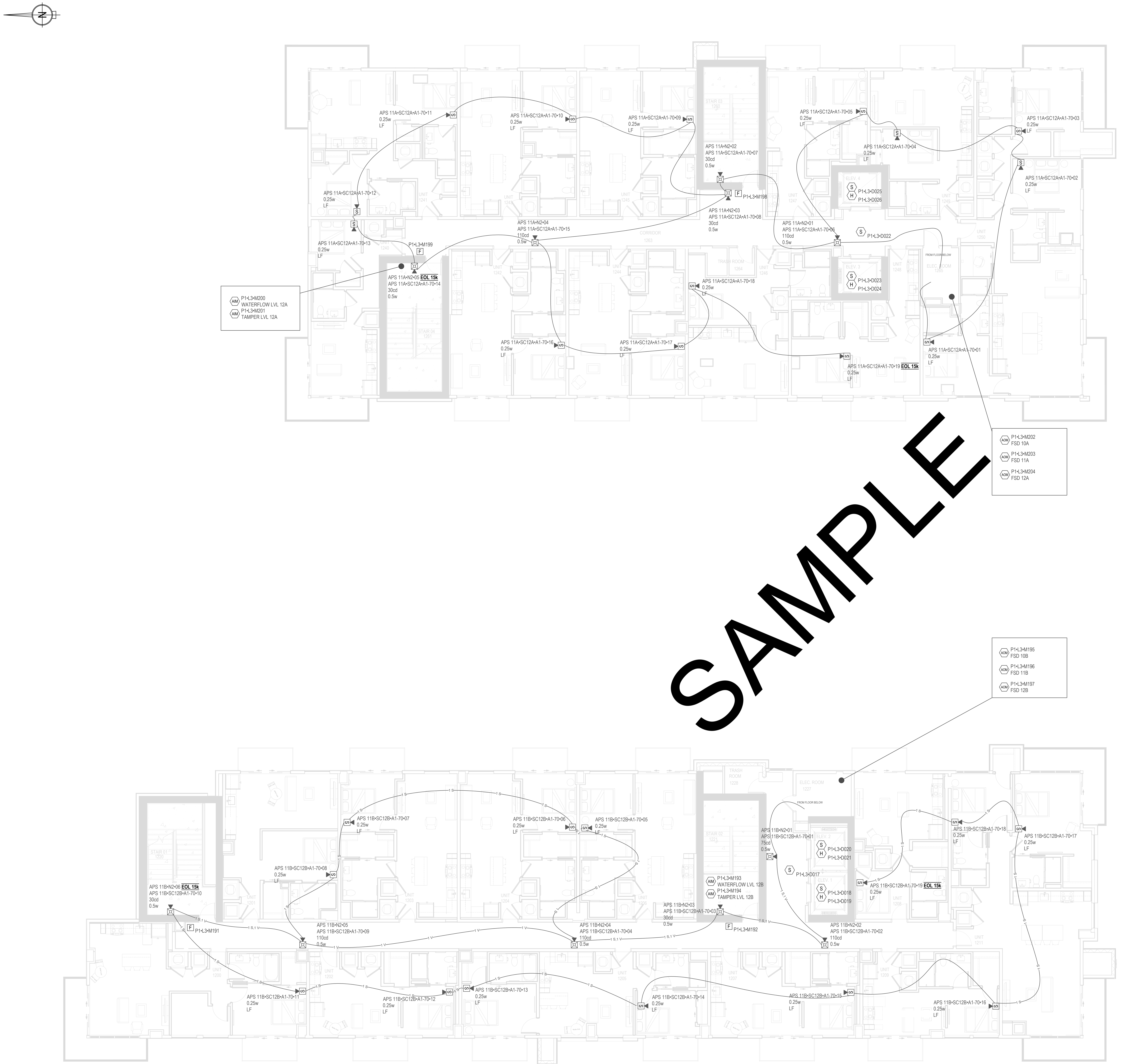
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APS 11A•SC12A•A1-70•11
0.25w
LF
APS 11A•SC12A•A1-70•10
0.25w
LF
APS 11A•SC12A•A1-70•09
0.25w
LF
STAIR 03
1260
APS 11A•N2•02
APS 11A•SC12A•A1-70•07
30cd
0.5w
F
P1•L3•M198
APS 11A•N2•03
APS 11A•SC12A•A1-70•08
30cd
0.5w
APS 11A•SC12A•A1-70•05
0.25w
LF
APS 11A•SC12A•A1-70•04
0.25w
LF
ELEV. 4
S
H
P1•L3•D025
P1•L3•D026
APS 11A•SC12A•A1-70•03
0.25w
LF
APS 11A•SC12A•A1-70•02
0.25w
LF
APS 11A•SC12A•A1-70•12
0.25w
LF
UNIT
1241
UNIT
1243
UNIT
1245
UNIT
1247
UNIT
1249
UNIT
1250
APS 11A•N2•04
APS 11A•SC12A•A1-70•15
110cd
0.5w
CORRIDOR
1263
APS 11A•N2•01
APS 11A•SC12A•A1-70•06
110cd
0.5w
S
P1•L3•D022
APS 11A•SC12A•A1-70•13
0.25w
LF
UNIT
1240
P1•L3•M199
F
APS 11A•N2•05 EOL 15k
APS 11A•SC12A•A1-70•14
30cd
0.5w
AIM
P1•L3•M200
WATERFLOW LVL 12A
AIM
P1•L3•M201
TAMPER LVL 12A
STAIR 04
1261
UNIT
1242
UNIT
1244
TRASH ROOM
1264
UNIT
1246
UNIT
1248
APS 11A•SC12A•A1-70•18
0.25w
LF
ELEV. 3
S
H
P1•L3•D023
P1•L3•D024
FROM FLOOR BELOW
ELEC. ROOM
1265
APS 11A•SC12A•A1-70•16
0.25w
LF
APS 11A•SC12A•A1-70•17
0.25w
LF
APS 11A•SC12A•A1-70•19 EOL 15k
0.25w
LF
APS 11A•SC12A•A1-70•01
0.25w
LF
AOM
P1•L3•M202
FSD 10A
AOM
P1•L3•M203
FSD 11A
AOM
P1•L3•M204
FSD 12A
AOM
P1•L3•M195
FSD 10B
AOM
P1•L3•M196
FSD 11B
AOM
P1•L3•M197
FSD 12B
TRASH ROOM
1228
ELEC. ROOM
1227
FROM FLOOR BELOW
APS 11B•SC12B•A1-70•07
0.25w
LF
APS 11B•SC12B•A1-70•06
0.25w
LF
APS 11B•SC12B•A1-70•05
0.25w
LF
APS 11B•N2•01
APS 11B•SC12B•A1-70•01
75cd
0.5w
ELEV. 2
S
H
P1•L3•D020
P1•L3•D021
APS 11B•SC12B•A1-70•18
0.25w
LF
APS 11B•SC12B•A1-70•17
0.25w
LF
STAIR 01
1220
STAIR 02
1221
APS 11B•SC12B•A1-70•08
0.25w
LF
S
P1•L3•D017
ELEV. 1
S
H
P1•L3•D018
P1•L3•D019
APS 11B•SC12B•A1-70•19 EOL 15k
0.25w
LF
AIM
P1•L3•M193
WATERFLOW LVL 12B
AIM
P1•L3•M194
TAMPER LVL 12B
APS 11B•N2•06 EOL 15k
APS 11B•SC12B•A1-70•10
30cd
0.5w
UNIT
1201
UNIT
1203
UNIT
1204
UNIT
1206
UNIT
1208
UNIT
1211
APS 11B•N2•03
APS 11B•SC12B•A1-70•03
30cd
0.5w
F
P1•L3•M191
APS 11B•N2•05
APS 11B•SC12B•A1-70•09
110cd
0.5w
APS 11B•N2•04
APS 11B•SC12B•A1-70•04
110cd
0.5w
F
P1•L3•M192
APS 11B•N2•02
APS 11B•SC12B•A1-70•02
110cd
0.5w
1 S
1 V
1 S,1 V
UNIT
1200
UNIT
1202
UNIT
1205
UNIT
1207
UNIT
1209
APS 11B•SC12B•A1-70•11
0.25w
LF
APS 11B•SC12B•A1-70•12
0.25w
LF
APS 11B•SC12B•A1-70•13
0.25w
LF
APS 11B•SC12B•A1-70•14
0.25w
LF
APS 11B•SC12B•A1-70•15
0.25w
LF
APS 11B•SC12B•A1-70•16
0.25w
LF

SAMPLE

01 FIRE ALARM PLAN - 12TH FLOOR

1/8" - 1'

0' 16' 32'

PROJECT:

AVANTIS STATION AT FLAGLER VILLAGE

FORT LAUDERDALE
FLORIDA 33304

Advantis Station at Flagler Village

PROJECT ADDRESS: 600 NE 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33304

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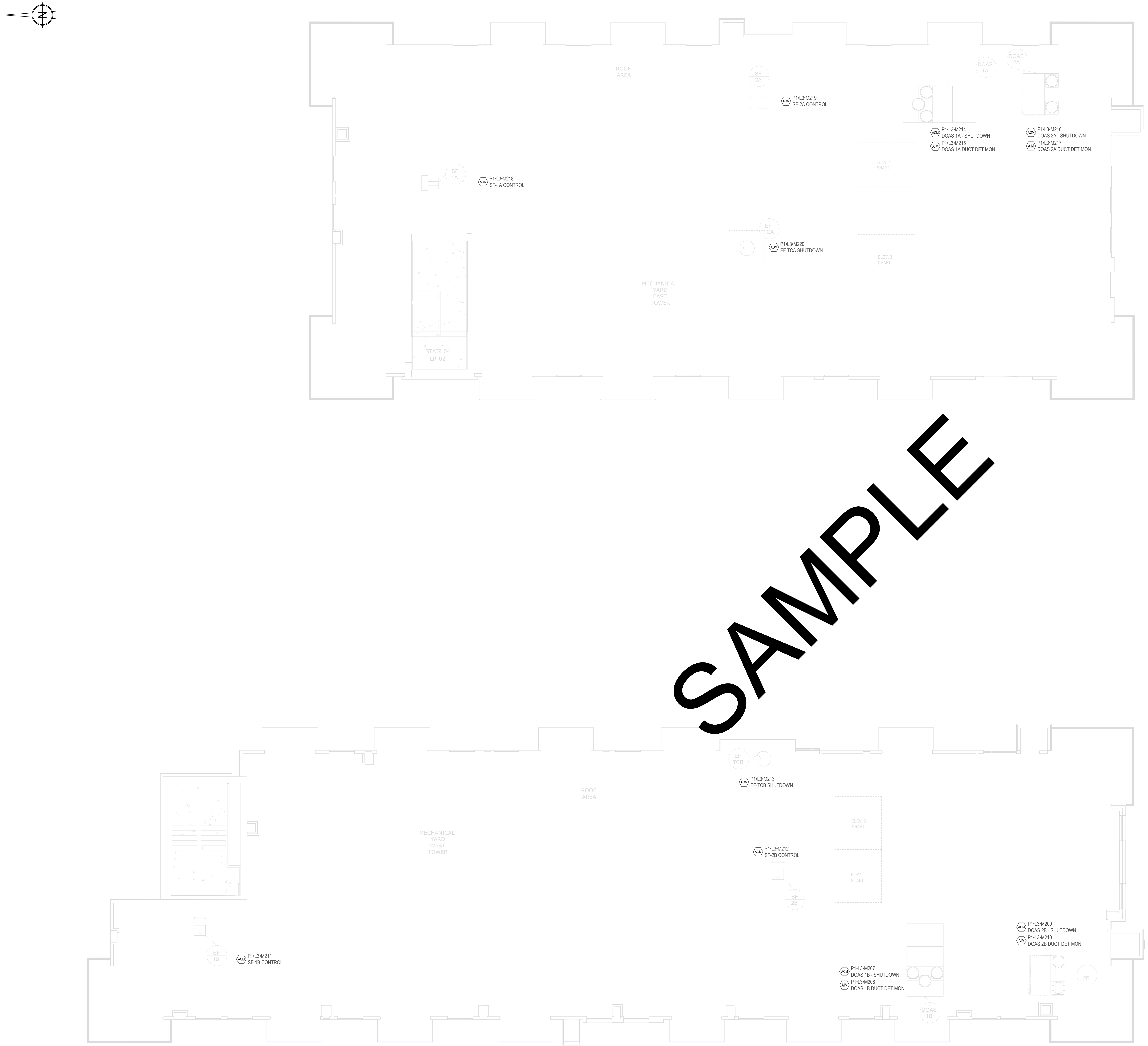
N
ROOF AREA
SF 2A
P1•L3•M219
SF-2A CONTROL
DOAS 1A
DOAS 2A
P1•L3•M214
DOAS 1A - SHUTDOWN
P1•L3•M215
DOAS 1A DUCT DET MON
P1•L3•M216
DOAS 2A - SHUTDOWN
P1•L3•M217
DOAS 2A DUCT DET MON
ELEV. 4 SHAFT
SF 1A
P1•L3•M218
SF-1A CONTROL
EF TCA
P1•L3•M220
EF-TCA SHUTDOWN
ELEV. 3 SHAFT
MECHANICAL YARD EAST TOWER
STAIR 04
LR-02
EF TCB
P1•L3•M213
EF-TCB SHUTDOWN
ROOF AREA
ELEV. 2 SHAFT
MECHANICAL YARD WEST TOWER
P1•L3•M212
SF-2B CONTROL
ELEV. 1 SHAFT
SF 2B
P1•L3•M209
DOAS 2B - SHUTDOWN
P1•L3•M210
DOAS 2B DUCT DET MON
SF 1B
P1•L3•M211
SF-1B CONTROL
P1•L3•M207
DOAS 1B - SHUTDOWN
P1•L3•M208
DOAS 1B DUCT DET MON
2B
DOAS 1B
AOM
AIM

SAMPLE

01 FIRE ALARM PLAN - ROOF
1/8" - 1'
0' 16' 32'

PROJECT:

AVANTIS STATION AT FLAGLER VILLAGE

FORT LAUDERDALE
FLORIDA 33304

Advantis Station at Flagler Village

PROJECT ADDRESS: 600 NE 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33304

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PANEL • CIRCUIT NUMBER • DEVICE NUMBER

POSITION OF DEVICE ON THE CIRCUIT

D(yyy): (D) INDICATES DETECTOR (yyy) INDICATES ADRESS.

M(yyy): (M) INDICATES MODULE (yyy) INDICATES ADRESS.

L#: SIGNALING LINE CIRCUIT, # INDICATES LOOP NUMBER.

N#: NOTIFICATION CIRCUIT, # INDICATES NUMBER.

P1: FIRE ALARM CONTROL PANEL (FACP)

APS'#X': AUXILIARY POWER SUPPLY

01 LABEL LEGEND
N.T.S

DEVICE LEGEND				
SYMBOL	QUANTITY	MANUFACTURER	PART NO	DESCRIPTION
FACU	1	KIDDE	VM-1R	FACP COMPLETE SYSTEM WITH USER INTERFACE, CPU, ONE ADDRESSABLE LOOP, FOUR CLASS B NACS, UNIVERSAL 11...
AMP AA50	8	KIDDE	APS10A W/SIGA-AA50	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED
AMP AA30	4	KIDDE	APS6A W/SIGA-AA30	AA-30 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 6A, 120VAC, RED
LCD	1	KIDDE	K-RLCD-C	LCD ANN, 4X20 LCD, W/COMMON LEDS & CTRLS, WHITE
MIC	1	KIDDE	VM-ARM	REMOTE MICROPHONE, INCLUDES CABINET. (ADD "S" FOR SURFACE.)
CELL	1	NAPCO	SLE-MAX2-CFBPS	UNIVERSAL FIRE COMMUNICATOR, DUAL SIM, DUAL PATH, DIRECT AC POWER 120VAC METAL HOUSING W/ PROVISION FOR PLUG-IN TRF12 XFORMER, 16VAC, 20VA (W/ PROVISION FOR BACKUP BATTERY)
IM	6	KIDDE	GSA-IM2	ISOLATOR MODULE
AIM	85	KIDDE	GSA-CT1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT
AIM	4	KIDDE	GSA-RM1	SIGNATURE RISER MONITOR MODULE, TWO-GANG STANDARD MOUNT
AOM	55	KIDDE	GSA-CR	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT
F	63	KIDDE	GSA-M278	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC
S	40	KIDDE	KI-OSD W/KI-SB BASE	INTELLIGENT OPTICAL SMOKE DETECTOR
H	1	KIDDE	KI-HCD W/KI-IB BASE	MULTISENSOR HEAT, AND CO DETECTOR
H	10	KIDDE	KI-HRD	VIGILANT SERIES RATE-OF-RISE HEAT DETECTOR
⊗	8	KIDDE	EGCVWF	STROBE, RUNNING MAN, WHITE, FIRE
▼⊠	152	KIDDE	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE
▼⊠	7	KIDDE	EGCSVWF	SPEAKER/STROBE, CEILING, WHITE, FIRE
▼⊠ WP	55	KIDDE	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED
▼S LF	316	KIDDE	EG4SWN	SPEAKER, WALL, WHITE, NONE
F	1	KIDDE	439D-10AWC-R	BELL, 10" 24VDC, RED
KX	1	GENERIC	KNOX BOX	PROVIDED BY OTHERS
ADDITIONAL ASSEMBLY COMPONENTS AND HARDWARE				
	2	KIDDE	ACHS	AUDIO CHANNEL SELECTOR, ONE CHANNEL, SUPERVISED PREAMP OUTPUT, THREE MAX PER PANEL.
	8	KIDDE	APS10A MAINBOARD	MAINBOARD FOR APS10A ASSEMBLY
	4	KIDDE	APS6A MAINBOARD	MAINBOARD FOR APS6A ASSEMBLY
	1	KIDDE	EAEC	EMERGENCY AUDIO EVACUATION CONTROLLER, BOARD ONLY. FOR REPLACING CONTROLLER IN VM-PMI.
	1	KIDDE	PS10-4B	POWER SUPPLY
	8	KIDDE	SIGA-AA30	30 WATT INTELLIGENT AUDIO AMPLIFIER
	2	KIDDE	SIGA-AA30	30 WATT INTELLIGENT AUDIO AMPLIFIER
	14	KIDDE	SIGA-AA50	50 WATT INTELLIGENT AUDIO AMPLIFIER
	1	KIDDE	VM-1 MAINBOARD	MAINBOARD FOR VM-1 ASSEMBLY
	1	KIDDE	VM-DACT	DIALER, DUAL LINE.
	2	KIDDE	VM-SLC	LOOP EXPANSION MODULE, 250 ADDRESSABLE DEVICES TOTAL: 125 DETECTORS, 125 MODULES.
	1	KIDDE	VM-SLCXB	SIGNALING LINE EXPANDER CARD, COMES WITH ONE LOOP, FOR A SECOND LOOP ORDER VM-SLC.
	1	NAPCO	SLE-MAX2-CFBPS MAIN BOARD	
	1	KIDDE	AMK-RN	AUDIO MOUNTING KIT. USED TO MOUNT ACHS OPTION CARDS IN CONTROL PANELS WITHOUT AUDIO SYSTEM CONTROL COMPONENTS.
	1	KIDDE	CAB6	BACKBOX
	1	KIDDE	VMD	DOOR

02 DEVICE LEGEND
N.T.S

CABLE AND WIRE LEGEND					
LABEL	PART NO	APPLICATION	RESISTANCE MFT	AWG	DESCRIPTION
485	18/2 FPLP	RS-485	7.77	18	2 COND. SOLID COPPER FPLP ANALOG UNSHIELDED
A	18/2 FPLP	SLC	7.77	18	2 COND. SOLID COPPER FPLP ADDRESSABLE
P	14/2 FPLP	AUX	3.07	14	2 COND. SOLID COPPER FPLP UNSHIELDED
S	16/2 FPLP	SPEAKER	4.89	16	2 COND. SOLID COPPER FPLP ANALOG SPEAKER
T	RJ-11		16.14	22	4 COND. UNSHIELDED COMMUNICATIONS CABLE
V	16/2 FPLP	NAC	4.89	16	2 COND. SOLID COPPER FPLP ANALOG UNSHIELDED
Z	18/2 FPLP	IDC	7.77	18	2 COND. SOLID COPPER FPLP ANALOG UNSHIELDED

03 CABLE LEGEND
N.T.S

PANEL: P1
LOOP:L1
DEVICE SCHEDULE

DEVICE LABEL	PART NO	FLOOR	DESCRIPTION	ENTITY PROPERTIES
P1•L1•D001	KI-OSD W/KI-SB BASE	1	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L1•D002	KI-HRD	1	VIGILANT SERIES RATE-OF-RISE HEAT DETECTOR	
P1•L1•D003	KI-OSD W/KI-SB BASE	1	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L1•D004	KI-HRD	1	VIGILANT SERIES RATE-OF-RISE HEAT DETECTOR	
P1•L1•D005	KI-HRD	1	VIGILANT SERIES RATE-OF-RISE HEAT DETECTOR	
P1•L1•D006	KI-OSD W/KI-SB BASE	1	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L1•D007	KI-HRD	1	VIGILANT SERIES RATE-OF-RISE HEAT DETECTOR	
P1•L1•D008	KI-HRD	1	VIGILANT SERIES RATE-OF-RISE HEAT DETECTOR	
P1•L1•D009	KI-HCD W/KI-IB BASE	1	MULTISENSOR HEAT, AND CO DETECTOR	
P1•L1•M126	APS10A W/SIGA-AA50	1	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED	APS 1A
P1•L1•M127	APS10A W/SIGA-AA50	1	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED	APS 1A
P1•L1•M128	APS10A W/SIGA-AA50	1	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED	APS 1B
P1•L1•M129	APS10A W/SIGA-AA50	1	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED	APS 1B
P1•L1•M132	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	KNOX BOX TAMPER
P1•L1•M133	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	CELL TROUBLE MON
P1•L1•M134	GSA-CR	1	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	ACCESS CONTROL OVERRIDE 1
P1•L1•M136	GSA-CR	1	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	PRIMARY RECALL ELEV 1
P1•L1•M137	GSA-CR	1	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	ALTERNATE RECALL ELEV 1
P1•L1•M138	GSA-CR	1	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	WARNING LIGHT ELEV 1
P1•L1•M139	GSA-CR	1	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	PRIMARY RECALL ELEV 2
P1•L1•M140	GSA-CR	1	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	ALTERNATE RECALL ELEV 2
P1•L1•M141	GSA-CR	1	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	WARNING LIGHT ELEV 2
P1•L1•M142	GSA-CR	1	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	PRIMARY RECALL ELEV 3
P1•L1•M143	GSA-CR	1	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	ALTERNATE RECALL 3
P1•L1•M144	GSA-CR	1	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	WARNING LIGHT ELEV 3
P1•L1•M145	GSA-CR	1	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	PRIMARY RECALL ELEV 4
P1•L1•M146	GSA-CR	1	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	ALTERNATE RECALL ELEV 4
P1•L1•M147	GSA-CR	1	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	WARNING LIGHT ELEV 4
P1•L1•M151	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	ELEV 1 SHUNT TRIP PWR MON
P1•L1•M152	GSA-CR	1	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	ELEV 1 SHUNT TRIP
P1•L1•M153	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	ELEV 2 SHUNT TRIP PWR MON
P1•L1•M154	GSA-CR	1	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	ELEV 2 SHUNT TRIP
P1•L1•M155	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	ELEV 3 SHUNT TRIP PWR MON
P1•L1•M156	GSA-CR	1	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	ELEV 3 SHUNT TRIP
P1•L1•M157	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	ELEV 4 SHUNT TRIP PWR MON
P1•L1•M158	GSA-CR	1	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	ELEV 4 SHUNT TRIP
P1•L1•M161	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	BDA LOSS OF NORMAL AC PWR
P1•L1•M162	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	BDA BATTERY CHARGER FAILURE
P1•L1•M163	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	BDA LOW BATTERY CAPACITY
P1•L1•M164	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	BDA DONNOR ANTENNA MALFUNCTION
P1•L1•M165	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	BDA ACTIVE RF EMITTING DEVICE MALFUNCTION
P1•L1•M166	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	BDA SYSTEM COMPONENT MALFUNCTION
P1•L1•M167	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	GENERATOR RUNNING
P1•L1•M168	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	GENERATOR COMMON FAULT
P1•L1•M169	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	GENERATOR TRANSFER NOT IN AUTO
P1•L1•M170	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	GENERATOR BATTERY CHARGER TROUBLE
P1•L1•M171	[illegible]T1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	GENERATOR LOW BATTERY TROUBLE
P1•L1•M174	GSA-[illegible]	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	PARKING GARAGE FAN CONTROL TROUBLE
P1•L1•M175	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	PARKING GARAGE FAN CONTROL ALARM
P1•[illegible]	[illegible]CR	[illegible]	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 1A
[illegible]M179	[illegible]A-CR	1	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 1B
P1[illegible]	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	FIRE PUMP RUNNING
P1•L1•M185	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	FIRE PUMP PHASE LOSS
[illegible]L1•M186	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	FIRE PUMP PHASE REVERSAL
P[illegible]	[illegible]A-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	FIRE PUMP COMMON TROUBLE
P1•L1•M1[illegible]	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	FIRE PUMP DISCHARGE TAMPER
[illegible]L1•M189	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	FIRE PUMP SUCTION TAMPER
[illegible]M190	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	FIRE PUMP BYPASS TAMPER
P[illegible]M191	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TEST HEADER TAMPER
P1•L1•M192	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	BACKFLOW TAMPER
P1•L1•M193	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	FIRE RISER STAIR 1 TAMPER
P1•L1•M194	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	FIRE RISER STAIR 2 TAMPER
P1•L1•M195	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	FIRE RISER STAIR 3 TAMPER
P1•L1•M196	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	FIRE RISER STAIR 4 TAMPER
P1•L1•M197	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 1A
P1•L1•M198	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 1A
P1•L1•M199	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 1B
P1•L1•M200	GSA-CT1	1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 1B
P1•L1•M204	GSA-M278	1	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	GENERAL EVACUATION
P1•L1•M205	GSA-M278	1	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L1•M206	GSA-M278	1	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L1•M207	GSA-M278	1	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L1•M208	GSA-M278	1	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L1•M209	GSA-M278	1	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L1•M210	GSA-M278	1	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L1•M211	GSA-M278	1	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L1•M212	GSA-M278	1	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L1•M213	GSA-M278	1	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L1•M214	GSA-M278	1	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L1•M215	GSA-M278	1	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L1•M216	GSA-M278	1	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L1•M217	GSA-M278	1	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L1•M218	GSA-M278	1	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L1•M219	GSA-M278	1	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L1•M220	GSA-M278	1	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	

PANEL: P1
LOOP:L2
DEVICE SCHEDULE

DEVICE LABEL	PART NO	FLOOR	DESCRIPTION	ENTITY PROPERTIES
P1•L2•D001	KI-OSD W/KI-SB BASE	2	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L2•D002	KI-OSD W/KI-SB BASE	2	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L2•M126	GSA-M278	2	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L2•M127	GSA-M278	2	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L2•M128	GSA-M278	2	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L2•M129	GSA-M278	2	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L2•M130	GSA-M278	2	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L2•M131	GSA-CT1	2	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 2A
P1•L2•M132	GSA-CT1	2	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 2A
P1•L2•M133	GSA-CT1	2	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 2B
P1•L2•M134	GSA-CT1	2	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 2B
P1•L2•M135	GSA-CR	2	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 2A
P1•L2•M136	GSA-CR	2	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 2B
P1•L2•M137	GSA-CR	2	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 3A
P1•L2•M138	GSA-CR	2	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 3B
P1•L2•M139	GSA-CR	2	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 4A
P1•L2•M140	GSA-CR	2	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 4B
P1•L2•D003	KI-OSD W/KI-SB BASE	3	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L2•D004	KI-OSD W/KI-SB BASE	3	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L2•D005	KI-OSD W/KI-SB BASE	3	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L2•D006	KI-OSD W/KI-SB BASE	3	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L2•M145	GSA-M278	3	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L2•M146	GSA-M278	3	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L2•M147	GSA-M278	3	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L2•M148	GSA-M278	3	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L2•M149	GSA-CT1	3	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 3A
P1•L2•M150	GSA-CT1	3	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 3A
P1•L2•M151	GSA-CT1	3	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 3B
P1•L2•M152	GSA-CT1	3	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 3B
P1•L2•M153	APS10A W/SIGA-AA50	3	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED	APS 3A
P1•L2•M154	APS10A W/SIGA-AA50	3	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED	APS 3A
P1•L2•M155	APS10A W/SIGA-AA50	3	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED	APS 3B
P1•L2•M156	APS10A W/SIGA-AA50	3	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED	APS 3B
P1•L2•D007	KI-OSD W/KI-SB BASE	4	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L2•D008	KI-OSD W/KI-SB BASE	4	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L2•M160	GSA-M278	4	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L2•M161	GSA-M278	4	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L2•M162	GSA-M278	4	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L2•M163	GSA-M278	4	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L2•M164	GSA-CT1	4	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 4A
P1•L2•M165	GSA-CT1	4	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 4A
P1•L2•M166	GSA-CT1	4	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 4B
P1•L2•M167	GSA-CT1	4	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 4B
P1•L2•D009	KI-OSD W/KI-SB BASE	5	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L2•D010	KI-OSD W/KI-SB BASE	5	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L2•D011	KI-OSD W/KI-SB BASE	5	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L2•D012	KI-OSD W/KI-SB BASE	5	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L2•M170	GSA-M278	5	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L2•M171	GSA-M278	5	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L2•M172	GSA-M278	5	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L2•M173	GSA-M278	5	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L2•M174	GSA-CT1	5	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 5A
P1•L2•M175	GSA-CT1	5	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 5A
P1•L2•M176	GSA-CT1	5	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 5B
P1•L2•M177	GSA-CT1	5	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 5B
P1•L2•M178	APS10A W/SIGA-AA50	5	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED	APS 5A
P1•L2•M179	APS10A W/SIGA-AA50	5	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED	APS 5A
P1•L2•M180	APS10A W/SIGA-AA50	5	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED	APS 5B
P1•L2•M181	APS10A W/SIGA-AA50	5	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED	APS 5B
P1•L2•D013	KI-OSD W/KI-SB BASE	6	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L2•D014	KI-OSD W/KI-SB BASE	6	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L2•M185	GSA-M278	6	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L2•M186	GSA-M278	6	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L2•M187	GSA-M278	6	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L2•M188	GSA-M278	6	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L2•M189	GSA-CT1	6	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 6A
P1•L2•M190	GSA-CT1	6	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 6A
P1•L2•M191	GSA-CT1	6	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 6B
P1•L2•M192	GSA-CT1	6	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 6B
P1•L2•M193	GSA-CR	6	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 5A
P1•L2•M194	GSA-CR	6	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 6A
P1•L2•M195	GSA-CR	6	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 7A
P1•L2•M196	GSA-CR	6	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 8A
P1•L2•M197	GSA-CR	6	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 9A
P1•L2•M198	GSA-CR	6	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 5B
P1•L2•M199	GSA-CR	6	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 6B
P1•L2•M200	GSA-CR	6	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 7B
P1•L2•M201	GSA-CR	6	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 8B
P1•L2•M202	GSA-CR	6	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 9B

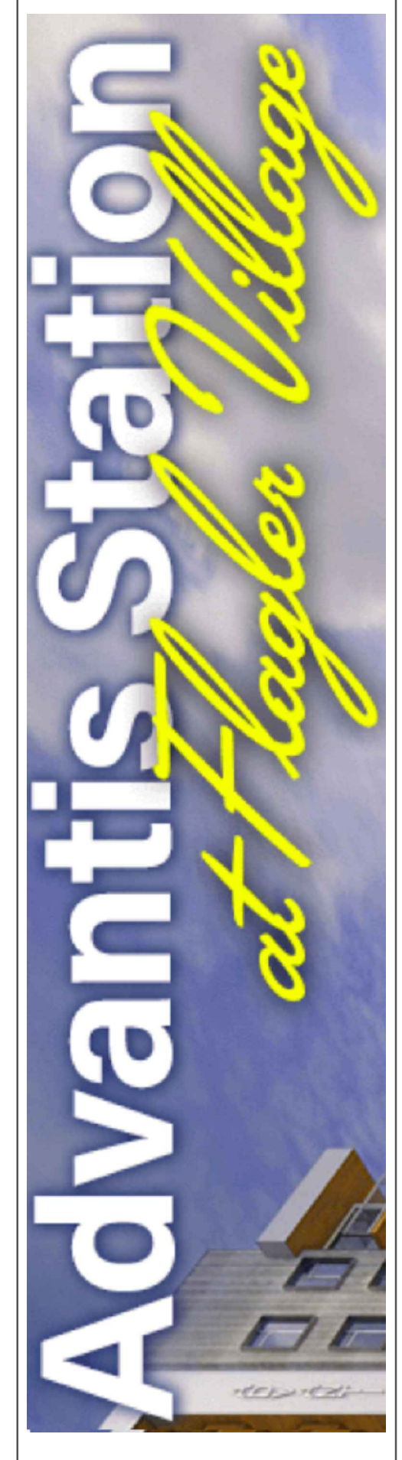
PANEL: P1
LOOP:L3
DEVICE SCHEDULE

DEVICE LABEL	PART NO	FLOOR	DESCRIPTION	ENTITY PROPERTIES
P1•L3•D001	KI-OSD W/KI-SB BASE	7	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L3•D002	KI-OSD W/KI-SB BASE	7	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L3•D003	KI-OSD W/KI-SB BASE	7	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L3•D004	KI-OSD W/KI-SB BASE	7	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L3•M126	GSA-M278	7	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M127	GSA-M278	7	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M128	GSA-M278	7	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M129	GSA-M278	7	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M130	GSA-CT1	7	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 7A
P1•L3•M131	GSA-CT1	7	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 7A
P1•L3•M132	GSA-CT1	7	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 7B
P1•L3•M133	GSA-CT1	7	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 7B
P1•L3•M134	APS10A W/SIGA-AA50	7	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED	APS 7A
P1•L3•M135	APS10A W/SIGA-AA50	7	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED	APS 7A
P1•L3•M136	APS10A W/SIGA-AA50	7	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED	APS 7B
P1•L3•M137	APS10A W/SIGA-AA50	7	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED	APS 7B
P1•L3•M138	GSA-CR	7	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	ACCESS CONTROL OVERRIDE 2
P1•L3•D005	KI-OSD W/KI-SB BASE	8	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L3•M141	GSA-M278	8	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M142	GSA-M278	8	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M143	GSA-CT1	8	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 8B
P1•L3•M144	GSA-CT1	8	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 8B
P1•L3•D006	KI-OSD W/KI-SB BASE	8	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L3•M145	GSA-M278	8	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M146	GSA-M278	8	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M147	GSA-CT1	8	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 8A
P1•L3•M148	GSA-CT1	8	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 8A
P1•L3•D007	KI-OSD W/KI-SB BASE	9	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L3•D008	KI-OSD W/KI-SB BASE	9	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L3•M149	GSA-M278	9	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M151	GSA-M278	9	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M152	GSA-CT1	9	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 9B
P1•L3•M153	GSA-CT1	9	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 9B
P1•L3•M154	APS6A W/SIGA-AA30	9	AA-30 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 6A, 120VAC, RED	APS 9B
P1•L3•M155	APS6A W/SIGA-AA30	9	AA-30 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 6A, 120VAC, RED	APS 9B
P1•L3•D009	KI-OSD W/KI-SB BASE	9	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L3•D010	KI-OSD W/KI-SB BASE	9	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L3•M156	GSA-M278	9	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M157	GSA-M278	9	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M158	GSA-CT1	9	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 9A
P1•L3•M159	GSA-CT1	9	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 9A
P1•L3•M160	APS6A W/SIGA-AA30	9	AA-30 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 6A, 120VAC, RED	APS 9A
P1•L3•M161	APS6A W/SIGA-AA30	9	AA-30 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 6A, 120VAC, RED	APS 9A
P1•L3•D011	KI-OSD W/KI-SB BASE	10	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L3•M165	GSA-M278	10	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M166	GSA-M278	10	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M167	GSA-CT1	10	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 10B
P1•L3•M168	GSA-CT1	10	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 10B
P1•L3•D012	KI-OSD W/KI-SB BASE	10	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L3•M169	GSA-M278	10	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M170	GSA-M278	10	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M171	GSA-CT1	10	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 10A
P1•L3•M172	GSA-CT1	10	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 10A
P1•L3•D013	KI-OSD W/KI-SB BASE	11	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L3•D014	KI-OSD W/KI-SB BASE	11	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L3•M175	GSA-M278	11	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M176	GSA-M278	11	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M177	GSA-CT1	11	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 11B
P1•L3•M178	GSA-CT1	11	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 11B
P1•L3•M179	GSA-RM1	11	SIGNATURE RISER MONITOR MODULE, TWO-GANG STANDARD MOUNT	NAC RISER MONITOR B
P1•L3•M180	GSA-RM1	11	SIGNATURE RISER MONITOR MODULE, TWO-GANG STANDARD MOUNT	AUDIO RISER MONITOR B
P1•L3•M181	GSA-CR		SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	ACCESS CONTROL OVERRIDE 4
P1•L3•D015	KI-OSD W/KI-SB BASE	11	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L3•D016	KI-OSD W/KI-SB BASE	11	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L3•M182	GSA-M278	11	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M183	GSA-M278	11	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M184	GSA-CT1	11	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 11A
P1•L3•M185	GSA-CT1	11	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 11A
P1•L3•M186	GSA-RM1	11	SIGNATURE RISER MONITOR MODULE, TWO-GANG STANDARD MOUNT	NAC RISER MONITOR A
P1•L3•M187	GSA-RM1	11	SIGNATURE RISER MONITOR MODULE, TWO-GANG STANDARD MOUNT	AUD RISER MONITOR A
P1•L3•M188	GSA-CR		SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	ACCESS CONTROL OVERRIDE 3
P1•L3•D017	KI-OSD W/KI-SB BASE	12	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L3•D018	KI-OSD W/KI-SB BASE	12	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L3•D019	KI-HRD	12	VIGILANT SERIES RATE-OF-RISE HEAT DETECTOR	
P1•L3•D020	KI-OSD W/KI-SB BASE	12	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L3•D021	KI-HRD	12	VIGILANT SERIES RATE-OF-RISE HEAT DETECTOR	
P1•L3•M191	GSA-M278	12	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M192	GSA-M278	12	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M193	GSA-CT1	12	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 12B
P1•L3•M194	GSA-CT1	12	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 12B
P1•L3•M195	GSA-CR	12	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 10B
P1•L3•M196	GSA-CR	12	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 11B
P1•L3•M197	GSA-CR	12	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 12B
P1•L3•D022	KI-OSD W/KI-SB BASE	12	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L3•D023	KI-OSD W/KI-SB BASE	12	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L3•D024	KI-HRD	12	VIGILANT SERIES RATE-OF-RISE HEAT DETECTOR	
P1•L3•D025	KI-OSD W/KI-SB BASE	12	INTELLIGENT OPTICAL SMOKE DETECTOR	
P1•L3•D026	KI-HRD	12	VIGILANT SERIES RATE-OF-RISE HEAT DETECTOR	
P1•L3•M198	GSA-M278	12	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M199	GSA-M278	12	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	
P1•L3•M200	GSA-CT1	12	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	WATERFLOW LVL 12A
P1•L3•M201	GSA-CT1	12	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	TAMPER LVL 12A
P1•L3•M202	GSA-CR	12	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 10A
P1•L3•M203	GSA-CR	12	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 11A
P1•L3•M204	GSA-CR	12	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	FSD 12A
P1•L3•M207	GSA-CR	R	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	DOAS 1B - SHUTDOWN
P1•L3•M208	GSA-CT1	R	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	DOAS 1B DUCT DET MON
P1•L3•M209	GSA-CR	R	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	DOAS 2B - SHUTDOWN
P1•L3•M210	GSA-CT1	R	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	DOAS 2B DUCT DET MON
P1•L3•M211	GSA-CR	R	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	SF-1B CONTROL
P1•L3•M212	GSA-CR	R	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	SF-2B CONTROL
P1•L3•M213	GSA-CR	R	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	EF-TCB SHUTDOWN
P1•L3•M214	GSA-CR	R	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	DOAS 1A - SHUTDOWN
P1•L3•M215	GSA-CT1	R	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	DOAS 1A DUCT DET MON
P1•L3•M216	GSA-CR	R	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	DOAS 2A - SHUTDOWN
P1•L3•M217	GSA-CT1	R	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	DOAS 2A DUCT DET MON
P1•L3•M218	GSA-CR	R	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	SF-1A CONTROL
P1•L3•M219	GSA-CR	R	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	SF-2A CONTROL
P1•L3•M220	GSA-CR	R	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	EF-TCA SHUTDOWN
P1•L3•M221	APS6A W/SIGA-AA30	11	AA-30 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 6A, 120VAC, RED	APS 11B
P1•L3•M222	APS6A W/SIGA-AA30	11	AA-30 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 6A, 120VAC, RED	APS 11B
P1•L3•M223	APS6A W/SIGA-AA30	11	AA-30 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 6A, 120VAC, RED	APS 11A
P1•L3•M224	APS6A W/SIGA-AA30	11	AA-30 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 6A, 120VAC, RED	APS 11A

04 SLC LOOP ADDRESS SCHEDULE
N.T.S

SAMPLE

PROJECT:
AVANTIS STATION AT FLAGLER VILLAGE
FORT LAUDERDALE
FLORIDA 33304



PROJECT ADDRESS: 609 NE 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33304

REVISION SCHEDULE

REV No:	DATE:	DESCRIPTION:	DRAWN BY:	REVIEWED BY:
1	01/13/2026	INITIAL REVISION	CG	JC
02				
03				
04				
05				

CONTRACTOR:

PROJECT No:
25-027
DATE:
01/13/2026
DWG FILE:
AVANTIS.DWG
SCALE:
SEE DRAWINGS
Sheet: 15 of 18

FA-03

APS 11A N1 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.14	MAX. VOLTAGE DROP:	0.15
SPARE CIRCUIT CURRENT (A):	2.86	VOLTAGE DROP %:	**0.74 %**
SPARE CIRCUIT CURRENT %:	**95.33 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	19.55
TOTAL CARD CURRENT (A):	0.28	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	169
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	1.04

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.056
⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.084

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

APS 11A N2 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.14	MAX. VOLTAGE DROP:	0.49
SPARE CIRCUIT CURRENT (A):	2.86	VOLTAGE DROP %:	**2.48 %**
SPARE CIRCUIT CURRENT %:	**95.33 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	19.21
TOTAL CARD CURRENT (A):	0.28	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	568
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	3.49

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.056
⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.084

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

APS 1B N1 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.8250	MAX. VOLTAGE DROP:	3.02
SPARE CIRCUIT CURRENT (A):	2.18	VOLTAGE DROP %:	**15.34 %**
SPARE CIRCUIT CURRENT %:	**72.50 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	16.68
TOTAL CARD CURRENT (A):	1.36	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	596
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	3.66

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.056
⊠	5	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.14
⊠	5	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	75CD	0.028	0.14
⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	15CD	0.036	0.036
✕ C	1	EGCVWF	STROBE, RUNNING MAN, WHITE, FIRE	15CD	0.045	0.045
⊠ WP	6	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED	115CD	0.068	0.408

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

APS 1B N2 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.5360	MAX. VOLTAGE DROP:	3.10
SPARE CIRCUIT CURRENT (A):	2.46	VOLTAGE DROP %:	**15.72 %**
SPARE CIRCUIT CURRENT %:	**82.13 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	16.60
TOTAL CARD CURRENT (A):	1.36	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	941
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	5.78

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.084
⊠	4	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.112
⊠ WP	5	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED	115CD	0.068	0.34

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

APS 5A N1 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.352	MAX. VOLTAGE DROP:	0.660
SPARE CIRCUIT CURRENT (A):	2.65	VOLTAGE DROP %:	**3.37 %**
SPARE CIRCUIT CURRENT %:	**88.27 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	19.04
TOTAL CARD CURRENT (A):	0.7040	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	307
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	1.88

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.084
⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.028
⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	75CD	0.036	0.036
⊠ WP	3	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED	115CD	0.068	0.204

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

APS 5A N2 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.352	MAX. VOLTAGE DROP:	1.50
SPARE CIRCUIT CURRENT (A):	2.65	VOLTAGE DROP %:	**7.59 %**
SPARE CIRCUIT CURRENT %:	**88.27 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	18.20
TOTAL CARD CURRENT (A):	0.7040	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	692
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	4.25

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.084
⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.028
⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	75CD	0.036	0.036
⊠ WP	3	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED	115CD	0.068	0.204

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

APS 7B N1 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.398	MAX. VOLTAGE DROP:	0.890
SPARE CIRCUIT CURRENT (A):	2.60	VOLTAGE DROP %:	**4.50 %**
SPARE CIRCUIT CURRENT %:	**86.73 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	18.81
TOTAL CARD CURRENT (A):	0.5660	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	363
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	2.23

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.084
⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.056
⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	75CD	0.028	0.028
⊠ C	1	EGCSVWF	SPEAKER/STROBE, CEILING, WHITE, FIRE	115CD	0.035	0.035
⊠ C	2	EGCSVWF	SPEAKER/STROBE, CEILING, WHITE, FIRE	75CD	0.035	0.07
✕ C	1	EGCVWF	STROBE, RUNNING MAN, WHITE, FIRE	30CD	0.035	0.035
✕ C	2	EGCVWF	STROBE, RUNNING MAN, WHITE, FIRE	15CD	0.045	0.09

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

APS 7B N2 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.168	MAX. VOLTAGE DROP:	0.630
SPARE CIRCUIT CURRENT (A):	2.83	VOLTAGE DROP %:	**3.21 %**
SPARE CIRCUIT CURRENT %:	**94.40 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	19.07
TOTAL CARD CURRENT (A):	0.5660	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	613
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	3.77

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.084
⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.056
⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	75CD	0.028	0.028

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

CELL TROUBLE MON Z1 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	n/a	STARTING CALC. VOLTAGE:	20.40
TOTAL CIRCUIT CURRENT (A):	0	MAX. VOLTAGE DROP:	0
SPARE CIRCUIT CURRENT (A):		VOLTAGE DROP %:	**0.00 %**
SPARE CIRCUIT CURRENT %:		MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	20.40
TOTAL CARD CURRENT (A):	0	WIRE RESISTANCE (Ω/KFT):	7.77
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	2
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	0.034264

CIRCUIT WIRING PROPERTIES: 'Z' 18/2 FPLP/R IDC 18 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
CELL	1	SLE-MAX2-CFBPS	UNIVERSAL FIRE COMMUNICATOR, DUAL SIM, DUAL PATH, DIRECT AC POWER 120VAC METAL HOUSING W/ PROVISION FOR PLUG-IN TRF12 XFORMER, 16VAC, 20VA (W/ PROVISION FOR BACKUP BATTERY)		0	0

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

APS 11B N1 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.168	MAX. VOLTAGE DROP:	0.23
SPARE CIRCUIT CURRENT (A):	2.83	VOLTAGE DROP %:	**1.16 %**
SPARE CIRCUIT CURRENT %:	**94.40 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	19.47
TOTAL CARD CURRENT (A):	0.336	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	222
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	1.36

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.084
⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.056
⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	75CD	0.028	0.028

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

APS 11B N2 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.168	MAX. VOLTAGE DROP:	0.650
SPARE CIRCUIT CURRENT (A):	2.83	VOLTAGE DROP %:	**3.30 %**
SPARE CIRCUIT CURRENT %:	**94.40 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	19.05
TOTAL CARD CURRENT (A):	0.336	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	630
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	3.87

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.084
⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.056
⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	75CD	0.028	0.028

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

APS 3A N1 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.352	MAX. VOLTAGE DROP:	0.620
SPARE CIRCUIT CURRENT (A):	2.65	VOLTAGE DROP %:	**3.17 %**
SPARE CIRCUIT CURRENT %:	**88.27 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	19.08
TOTAL CARD CURRENT (A):	0.7040	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	289
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	1.77

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.084
⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.028
⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	75CD	0.036	0.036
⊠ WP	3	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED	115CD	0.068	0.204

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

APS 3A N2 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.352	MAX. VOLTAGE DROP:	1.51
SPARE CIRCUIT CURRENT (A):	2.65	VOLTAGE DROP %:	**7.67 %**
SPARE CIRCUIT CURRENT %:	**88.27 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	18.19
TOTAL CARD CURRENT (A):	0.7040	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	699
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	4.29

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.084
⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.028
⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	75CD	0.036	0.036
⊠ WP	3	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED	115CD	0.068	0.204

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

APS 5B N1 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.5360	MAX. VOLTAGE DROP:	1.63
SPARE CIRCUIT CURRENT (A):	2.46	VOLTAGE DROP %:	**8.28 %**
SPARE CIRCUIT CURRENT %:	**82.13 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	18.07
TOTAL CARD CURRENT (A):	1.07	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	496
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	3.04

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.084
⊠	4	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.112
⊠ WP	5	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED	115CD	0.068	0.34

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

APS 5B N2 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.5360	MAX. VOLTAGE DROP:	3.11
SPARE CIRCUIT CURRENT (A):	2.46	VOLTAGE DROP %:	**15.77 %**
SPARE CIRCUIT CURRENT %:	**82.13 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	16.59
TOTAL CARD CURRENT (A):	1.07	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	944
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	5.80

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.084
⊠	4	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.112
⊠ WP	5	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED	115CD	0.068	0.34

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

APS 9A N1 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.14	MAX. VOLTAGE DROP:	0.49
SPARE CIRCUIT CURRENT (A):	2.86	VOLTAGE DROP %:	**2.49 %**
SPARE CIRCUIT CURRENT %:	**95.33 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	19.21
TOTAL CARD CURRENT (A):	0.28	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	570
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	3.50

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.056
⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.084

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

APS 9A N2 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.14	MAX. VOLTAGE DROP:	0.13
SPARE CIRCUIT CURRENT (A):	2.86	VOLTAGE DROP %:	**0.68 %**
SPARE CIRCUIT CURRENT %:	**95.33 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	19.57
TOTAL CARD CURRENT (A):	0.28	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	155
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	0.954

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.056
⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.084

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

KNOX BOX TAMPER Z1 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	n/a	STARTING CALC. VOLTAGE:	20.40
TOTAL CIRCUIT CURRENT (A):	0	MAX. VOLTAGE DROP:	0
SPARE CIRCUIT CURRENT (A):		VOLTAGE DROP %:	**0.00 %**
SPARE CIRCUIT CURRENT %:		MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	20.40
TOTAL CARD CURRENT (A):	0	WIRE RESISTANCE (Ω/KFT):	7.77
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	13
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	0.198827

CIRCUIT WIRING PROPERTIES: 'Z' 18/2 FPLP/R IDC 18 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
KX	1	KNOX BOX			0	0

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

APS 1A N1 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.7450	MAX. VOLTAGE DROP:	2.64
SPARE CIRCUIT CURRENT (A):	2.26	VOLTAGE DROP %:	**13.41 %**
SPARE CIRCUIT CURRENT %:	**75.17 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	17.06
TOTAL CARD CURRENT (A):	1.10	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	578
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	3.55

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.056
⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.084
⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	75CD	0.028	0.056
⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	15CD	0.036	0.036
⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	75CD	0.036	0.036
⊠ C	1	EGCSVWF	SPEAKER/STROBE, CEILING, WHITE, FIRE	115CD	0.035	0.035
⊠ C	1	EGCSVWF	SPEAKER/STROBE, CEILING, WHITE, FIRE	30CD	0.035	0.035
✕ C	3	EGCVWF	STROBE, RUNNING MAN, WHITE, FIRE	15CD	0.045	0.135
⊠ WP	3	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED	115CD	0.068	0.204
⊠ WP	1	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED	30CD	0.068	0.068

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

APS 1A N2 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.352	MAX. VOLTAGE DROP:	0.610
SPARE CIRCUIT CURRENT (A):	2.65	VOLTAGE DROP %:	**3.11 %**
SPARE CIRCUIT CURRENT %:	**88.27 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	19.09
TOTAL CARD CURRENT (A):	1.10	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	284
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	1.74

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.084
⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.028
⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	75CD	0.036	0.036
⊠ WP	3	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED	115CD	0.068	0.204

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

APS 3B N1 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.5360	MAX. VOLTAGE DROP:	1.63
SPARE CIRCUIT CURRENT (A):	2.46	VOLTAGE DROP %:	**8.27 %**
SPARE CIRCUIT CURRENT %:	**82.13 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	18.07
TOTAL CARD CURRENT (A):	1.07	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	495
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	3.04

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.084
⊠	4	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.112
⊠ WP	5	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED	115CD	0.068	0.34

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

APS 3B N2 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.5360	MAX. VOLTAGE DROP:	3.20
SPARE CIRCUIT CURRENT (A):	2.46	VOLTAGE DROP %:	**16.26 %**
SPARE CIRCUIT CURRENT %:	**82.13 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	16.50
TOTAL CARD CURRENT (A):	1.07	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	974
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	5.98

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.084
⊠	4	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.112
⊠ WP	5	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED	115CD	0.068	0.34

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

APS 7A N1 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.463	MAX. VOLTAGE DROP:	1.55
SPARE CIRCUIT CURRENT (A):	2.54	VOLTAGE DROP %:	**7.86 %**
SPARE CIRCUIT CURRENT %:	**84.57 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	18.15
TOTAL CARD CURRENT (A):	0.6030	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	545
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	3.35

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.056
⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.056
⊠	4	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	75CD	0.028	0.112
⊠ C	1	EGCSVWF	SPEAKER/STROBE, CEILING, WHITE, FIRE	115CD	0.035	0.035
⊠ WP	3	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED	115CD	0.068	0.204

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

APS 7A N2 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.14	MAX. VOLTAGE DROP:	0.49
SPARE CIRCUIT CURRENT (A):	2.86	VOLTAGE DROP %:	**2.47 %**
SPARE CIRCUIT CURRENT %:	**95.33 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	19.21
TOTAL CARD CURRENT (A):	0.6030	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	567
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	3.48

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.056
⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.084

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

APS 9B N1 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.168	MAX. VOLTAGE DROP:	0.23
SPARE CIRCUIT CURRENT (A):	2.83	VOLTAGE DROP %:	**1.15 %**
SPARE CIRCUIT CURRENT %:	**94.40 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	19.47
TOTAL CARD CURRENT (A):	0.336	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	219
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	1.34

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.084
⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.056
⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	75CD	0.028	0.028

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

APS 9B N2 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	19.70
TOTAL CIRCUIT CURRENT (A):	0.168	MAX. VOLTAGE DROP:	0.660
SPARE CIRCUIT CURRENT (A):	2.83	VOLTAGE DROP %:	**3.35 %**
SPARE CIRCUIT CURRENT %:	**94.40 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	19.04
TOTAL CARD CURRENT (A):	0.336	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	639
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	3.92

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	110CD	0.028	0.084
⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	30CD	0.028	0.056
⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE	75CD	0.028	0.028

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

P1 AUX1 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	20.40
TOTAL CIRCUIT CURRENT (A):	0.167	MAX. VOLTAGE DROP:	0.13
SPARE CIRCUIT CURRENT (A):	2.83	VOLTAGE DROP %:	**0.66 %**
SPARE CIRCUIT CURRENT %:	**94.43 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	20.27
TOTAL CARD CURRENT (A):	0.252	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	131
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	0.802

CIRCUIT WIRING PROPERTIES: 'P' 14/2 FPLP/R AUX 14 AWG, 2 COND. SOLID COPPER FPLP/R UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
LCD	1	K-RLCD-C	LCD ANN, 4X20 LCD, W/COMMON LEDS & CTRLS, WHITE		0.115	0.115
MIC	1	VM-ARM	REMOTE MICROPHONE, INCLUDES CABINET. (ADD "S" FOR SURFACE.)		0.052	0.052

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

P1 N1 LUMP SUM REPORT

CURRENT SUMMARY		POWER SUMMARY	
MAX. CIRCUIT CURRENT (A):	3	STARTING CALC. VOLTAGE:	20.40
TOTAL CIRCUIT CURRENT (A):	0.085	MAX. VOLTAGE DROP:	0.16
SPARE CIRCUIT CURRENT (A):	2.92	VOLTAGE DROP %:	**0.77 %**
SPARE CIRCUIT CURRENT %:	**97.17 %**	MIN. OPERATIONAL VOLTAGE:	16
MAX. CARD CURRENT (A):	n/a	END OF LINE VOLTAGE:	20.24
TOTAL CARD CURRENT (A):	0.252	WIRE RESISTANCE (Ω/KFT):	3.07
SPARE CARD CURRENT (A):		TOTAL CIRCUIT LENGTH (FT):	302
SPARE CARD CURRENT %:		TOTAL CIRCUIT RESISTANCE (Ω):	1.85

CIRCUIT WIRING PROPERTIES: 'V' 14/2 FPLP/R NAC 14 AWG, 2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED
DISTANCE MEASURED USING DRAWN SEGMENT LENGTHS WITH 20.00 % ADDITIONAL LENGTH CALCULATED

SYMBOL	QUANTITY	PART NO	DESCRIPTION	CANDELAS	ALARM CURRENT (A)	TOTAL CURRENT (A)
F	1	439D-10AWC-R	BELL, 10" 24VDC, RED		0.085	0.085

CALCULATION METHODS:
TOTAL RESISTANCE (Ω) = WIRE RESISTANCE (Ω/FT) X 2 X TOTAL CIRCUIT LENGTH (FT)
TOTAL VOLTAGE DROP = TOTAL RESISTANCE (Ω) X TOTAL CIRCUIT CURRENT (A)

01 VOLTAGE DROP CALCULATIONS
N.T.S.

PANEL CELL TROUBLE MON•Z1•1 EOL 47K
P1•DACT•DACT1•001 (SLE-MAX2-CFBPS) BATTERY CALCULATION
(SECONDARY POWER SOURCE REQUIREMENTS)

				STANDBY CURRENT		SECONDARY ALARM CURRENT	
	QTY	PART NO.	DESCRIPTION	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)
PANEL COMPONENTS	1	SLE-MAX2-CFBPS	UNIVERSAL FIRE COMMUNICATOR, DUAL SIM, DUAL PATH, DIRECT AC POWER 120VAC METAL HOUSING W/ PROVISION FOR PLUG-IN TRF12 XFORMER, 16VAC, 20VA (W/ PROVISION FOR BACKUP BATTERY)	0	0	0	0
	1	SLE-MAX2-CFBPS MAIN BOARD		0.2	0.2	0.2	0.2

CIRCUIT	MAX CARD AMPS	USED CARD AMPS	SPARE CARD AMPS	SYMBOL	QTY	PART NO	DESCRIPTION	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)

	TOTAL STANDBY (A) 0.2		TOTAL ALARM (A) 0.2
	REQUIRED STANDBY TIME (HOURS)		24
	REQUIRED ALARM TIME (MINUTES)		10
SECONDARY STANDBY LOAD (A)	0.2	24	4.80
SECONDARY ALARM LOAD (A)	0.2	0.167	0.033
STANDBY AND ALARM SUBTOTAL (AMP HOURS)		4.83	
DERATING FACTOR		1.25	
SECONDARY LOAD REQUIREMENTS (AMP HOURS)		6.04	

PROVIDE (1) 12V 7AH BATTERY

PANEL P1 (VM-1R) BATTERY CALCULATION
(SECONDARY POWER SOURCE REQUIREMENTS)

				STANDBY CURRENT		SECONDARY ALARM CURRENT	
	QTY	PART NO.	DESCRIPTION	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)
PANEL COMPONENTS	1	VM-1R	FACP COMPLETE SYSTEM WITH USER INTERFACE, CPU, ONE ADDRESSABLE LOOP, FOUR CLASS B NACS, UNIVERSAL 11...	0	0	0	0
	2	ACHS	AUDIO CHANNEL SELECTOR, ONE CHANNEL, SUPERVISED PREAMP OUTPUT, THREE MAX PER PANEL.	0.047	0.094	0.064	0.128
	1	AMK-RN	AUDIO MOUNTING KIT. USED TO MOUNT ACHS OPTION CARDS IN CONTROL PANELS WITHOUT AUDIO SYSTEM CONTROL COMPONENTS.	0	0	0	0
	1	CAB6	BACKBOX	0	0	0	0
	1	EAEC	EMERGENCY AUDIO EVACUATION CONTROLLER, BOARD ONLY. FOR REPLACING CONTROLLER IN VM-PMI.	0.023	0.023	0.029	0.029
	1	PS10-4B	POWER SUPPLY	0.088	0.088	0.169	0.169
	1	VM-1 MAINBOARD	MAINBOARD FOR VM-1 ASSEMBLY	0.381	0.381	0.481	0.481
	1	VM-DACT	DIALER, DUAL LINE.	0.06	0.06	0.095	0.095
	2	VM-SLC	LOOP EXPANSION MODULE, 250 ADDRESSABLE DEVICES TOTAL: 125 DETECTORS, 125 MODULES.	0	0	0	0
	1	VM-SLCXB	SIGNALING LINE EXPANDER CARD, COMES WITH ONE LOOP, FOR A SECOND LOOP ORDER VM-SLC.	0	0	0	0
	1	VMD	DOOR	0	0	0	0

CIRCUIT	MAX CARD AMPS	USED CARD AMPS	SPARE CARD AMPS	SYMBOL	QTY	PART NO	DESCRIPTION	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)
P1•L2	N/A	0.018230		AMP AA50	8	APS10A W/SIGA-AA50	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED	0	0	0	0
				AOM	16	GSA-CR	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	0.000075	0.0012	0.000075	0.0012
				AIM	20	GSA-CT1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	0.00025	0.005	0.0004	0.008
				F	21	GSA-M278	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	0.00025	0.00525	0.0004	0.0084
				S	14	KI-OSD W/KI-SB BASE	INTELLIGENT OPTICAL SMOKE DETECTOR	0.000032	0.000448	0.000045	0.00063
P1•AUX1	N/A	0.252000		LCD	1	K-RLCD-C	LCD ANN, 4X20 LCD, W/COMMON LEDS & CTRLS, WHITE	0.099	0.099	0.115	0.115
				MIC	1	VM-ARM	REMOTE MICROPHONE, INCLUDES CABINET. (ADD "S" FOR SURFACE.)	0.052	0.052	0.052	0.052
P1•N1				F	1	439D-10AWC-R	BELL, 10" 24VDC, RED	0	0	0.085	0.085
P1•L1	N/A	0.023132		AMP AA50	4	APS10A W/SIGA-AA50	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED	0	0	0	0
				AOM	19	GSA-CR	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	0.000075	0.001425	0.000075	0.001425
				AIM	36	GSA-CT1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	0.00025	0.009	0.0004	0.0144
				F	17	GSA-M278	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	0.00025	0.00425	0.0004	0.0068
				H	1	KI-HCD W/KI-IB BASE	MULTISENSOR HEAT, AND CO DETECTOR	0.000032	0.000032	0.000032	0.000032
				H	5	KI-HRD	VIGILANT SERIES RATE-OF-RISE HEAT DETECTOR	0.000051	0.000255	0.000068	0.00034
				S	3	KI-OSD W/KI-SB BASE	INTELLIGENT OPTICAL SMOKE DETECTOR	0.000032	0.000096	0.000045	0.000135
P1•AUDIO PREAMP CH2	N/A	0.000000		AMP AA50	8	APS10A W/SIGA-AA50	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED	0	0	0	0
				AMP AA30	4	APS6A W/SIGA-AA30	AA-30 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 6A, 120VAC, RED	0	0	0	0
P1•AUDIO PREAMP CH1	N/A	0.000000		AMP AA50	8	APS10A W/SIGA-AA50	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED	0	0	0	0
				AMP AA30	4	APS6A W/SIGA-AA30	AA-30 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 6A, 120VAC, RED	0	0	0	0
P1•L3	N/A	0.023887		AMP AA50	4	APS10A W/SIGA-AA50	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED	0	0	0	0
				AMP AA30	8	APS6A W/SIGA-AA30	AA-30 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 6A, 120VAC, RED	0	0	0	0
				AOM	19	GSA-CR	SIGNATURE CONTROL RELAY MODULE, ONE-GANG STANDARD MOUNT	0.000075	0.001425	0.000075	0.001425
				AIM	28	GSA-CT1	SIGNATURE SINGLE INPUT MODULE, ONE-GANG STANDARD MOUNT	0.00025	0.007	0.0004	0.0112
				F	24	GSA-M278	SIGNATURE DOUBLE-ACTION, SINGLE-STAGE FIRE ALARM STATION, PLASTIC	0.00025	0.006	0.0004	0.0096
				AIM	4	GSA-RM1	SIGNATURE RISER MONITOR MODULE, TWO-GANG STANDARD MOUNT	0.000223	0.000892	0.0001	0.0004
				H	4	KI-HRD	VIGILANT SERIES RATE-OF-RISE HEAT DETECTOR	0.000051	0.000204	0.000068	0.000272
				S	22	KI-OSD W/KI-SB BASE	INTELLIGENT OPTICAL SMOKE DETECTOR	0.000032	0.000704	0.000045	0.00099
P1•DACT•DACT1	N/A	0.000000		CELL	1	SLE-MAX2-CFBPS	UNIVERSAL FIRE COMMUNICATOR, DUAL SIM, DUAL PATH, DIRECT AC POWER 120VAC METAL HOUSING W/ PROVISION FOR PLUG-IN TRF12 XFORMER, 16VAC, 20VA (W/ PROVISION FOR BACKUP BATTERY)	0	0	0	0
P1•MAIN•ANN	N/A	0.000000		LCD	1	K-RLCD-C	LCD ANN, 4X20 LCD, W/COMMON LEDS & CTRLS, WHITE	0	0	0	0

	TOTAL STANDBY (A) 0.840		TOTAL ALARM (A) 1.22
	REQUIRED STANDBY TIME (HOURS)		24
	REQUIRED ALARM TIME (MINUTES)		10
SECONDARY STANDBY LOAD (A)	0.840	24	20.16
SECONDARY ALARM LOAD (A)	1.22	0.167	0.203
STANDBY AND ALARM SUBTOTAL (AMP HOURS)		20.37	
DERATING FACTOR		1.25	
SECONDARY LOAD REQUIREMENTS (AMP HOURS)		25.46	

PROVIDE (2) 12V 26AH BATTERIES
*BATTERY BOX SIZE CAPACITY NOT SPECIFIED. REFER TO MANUFACTURER DOCUMENTATION.

PANEL P1•AUDIO PREAMP CH1•1
P1•AUDIO PREAMP CH2•1
P1•L1•M126
P1•L1•M127
AA50
APS 1A (APS10A W/SIGA-AA50) BATTERY CALCULATION
(SECONDARY POWER SOURCE REQUIREMENTS)

				STANDBY CURRENT		SECONDARY ALARM CURRENT	
	QTY	PART NO.	DESCRIPTION	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)
PANEL COMPONENTS	1	APS10A W/SIGA-AA50	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED	0	0	0	0
	1	APS10A MAINBOARD	MAINBOARD FOR APS10A ASSEMBLY	0.07	0.07	0.27	0.27
	2	SIGA-AA50	50 WATT INTELLIGENT AUDIO AMPLIFIER	0.002	0.004	2.80	5.60

CIRCUIT	MAX CARD AMPS	USED CARD AMPS	SPARE CARD AMPS	SYMBOL	QTY	PART NO	DESCRIPTION	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)
APS 1A•N1	N/A	1.097000		⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 110CD	0	0	0.028	0.056
				⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 30CD	0	0	0.028	0.084
				⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 75CD	0	0	0.028	0.056
				⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 15CD	0	0	0.036	0.036
				⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 75CD	0	0	0.036	0.036
				⊠ C	1	EGCSVWF	SPEAKER/STROBE, CEILING, WHITE, FIRE 115CD	0	0	0.035	0.035
				⊠ C	1	EGCSVWF	SPEAKER/STROBE, CEILING, WHITE, FIRE 30CD	0	0	0.035	0.035
				✕ C	3	EGCVWF	STROBE, RUNNING MAN, WHITE, FIRE 15CD	0	0	0.045	0.135
				⊠ WP	3	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED 115CD	0	0	0.068	0.204
				⊠ WP	1	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED 30CD	0	0	0.068	0.068
APS 1A•N2				⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 110CD	0	0	0.028	0.084
				⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 30CD	0	0	0.028	0.028
				⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 75CD	0	0	0.036	0.036
				⊠ WP	3	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED 115CD	0	0	0.068	0.204
APS 1A•SC1A•A1-70	N/A	0.000000		⊠	9	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 0.5W	0	0	0	0
				S LF	4	EG4SWN	SPEAKER, WALL, WHITE, NONE 0.25W	0	0	0	0
				⊠ C	2	EGCSVWF	SPEAKER/STROBE, CEILING, WHITE, FIRE 0.25W	0	0	0	0
				⊠ WP	3	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED 1W	0	0	0	0
APS 1A•SC2A•A1-70	N/A	0.000000		⊠	5	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 0.5W	0	0	0	0
				S LF	13	EG4SWN	SPEAKER, WALL, WHITE, NONE 0.25W	0	0	0	0
				⊠ WP	3	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED 1W	0	0	0	0

	TOTAL STANDBY (A) 0.074		TOTAL ALARM (A) 6.97
	REQUIRED STANDBY TIME (HOURS)		24
	REQUIRED ALARM TIME (MINUTES)		10
SECONDARY STANDBY LOAD (A)	0.074	24	1.78
SECONDARY ALARM LOAD (A)	6.97	0.167	1.16
STANDBY AND ALARM SUBTOTAL (AMP HOURS)		2.94	
DERATING FACTOR		1.25	
SECONDARY LOAD REQUIREMENTS (AMP HOURS)		3.67	

PROVIDE (2) 12V 7AH BATTERIES
*BATTERY BOX SIZE CAPACITY NOT SPECIFIED. REFER TO MANUFACTURER DOCUMENTATION.

PANEL P1•AUDIO PREAMP CH1•10
P1•AUDIO PREAMP CH2•10
P1•L3•M223
P1•L3•M224
AA30
APS 11A (APS6A W/SIGA-AA30) BATTERY CALCULATION
(SECONDARY POWER SOURCE REQUIREMENTS)

				STANDBY CURRENT		SECONDARY ALARM CURRENT	
	QTY	PART NO.	DESCRIPTION	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)
PANEL COMPONENTS	1	APS6A W/SIGA-AA30	AA-30 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 6A, 120VAC, RED	0	0	0	0
	1	APS6A MAINBOARD	MAINBOARD FOR APS6A ASSEMBLY	0.07	0.07	0.27	0.27
	2	SIGA-AA30	30 WATT INTELLIGENT AUDIO AMPLIFIER	0.002	0.004	1.55	3.10

CIRCUIT	MAX CARD AMPS	USED CARD AMPS	SPARE CARD AMPS	SYMBOL	QTY	PART NO	DESCRIPTION	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)
APS 11A•N1	N/A	0.280000		⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 110CD	0	0	0.028	0.056
				⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 30CD	0	0	0.028	0.084
APS 11A•N2				⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 110CD	0	0	0.028	[illegible]
				⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 30CD	0	0	0.028	[illegible]
APS 11A•SC11A•A1-70	N/A	0.000000		⊠	5	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 0.5W	0	0	0	0
				S LF	14	EG4SWN	SPEAKER, WALL, WHITE, NONE 0.25W	0	0	0	0
APS 11A•SC12A•A1-70	N/A	0.000000		⊠	5	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 0.5W	0	0	0	[illegible]
				S LF	14	EG4SWN	SPEAKER, WALL, WHITE, NONE 0.25W	0	0	0	0

	TOTAL STANDBY (A) 0.074		TOTAL ALARM (A) 3.65
	REQUIRED STANDBY TIME (HOURS)		24
	REQUIRED ALARM TIME (MINUTES)		10
SECONDARY STANDBY LOAD (A)	0.074	[illegible]	1.78
SECONDARY ALARM LOAD (A)	3.65	[illegible]	0.608
STANDBY AND ALARM SUBTOTAL (AMP HOURS)		2.38	
DERATING FACTOR		1.25	
SECONDARY LOAD REQUIREMENTS (AMP HOURS)		2.98	

PROVIDE (2) 12V 7AH BATTERIES
*BATTERY BOX SIZE CAPACITY NOT SPECIFIED. REFER TO MANUFACTURER DOCUMENTATION.

PANEL P1•AUDIO PREAMP CH1•11
P1•AUDIO PREAMP CH2•11
P1•L3•M154
P1•L3•M155
AA30
APS 9B (APS6A W/SIGA-AA30) BATTERY CALCULATION
(SECONDARY POWER SOURCE REQUIREMENTS)

				STANDBY CURRENT		SECONDARY ALARM CURRENT	
	QTY	PART NO.	DESCRIPTION	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)
PANEL COMPONENTS	1	APS6A W/SIGA-AA30	AA-30 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 6A, 120VAC, RED	0	0	0	0
	1	APS6A MAINBOARD	MAINBOARD FOR APS6A ASSEMBLY	0.07	0.07	0.27	0.27
	2	SIGA-AA30	30 WATT INTELLIGENT AUDIO AMPLIFIER	0.002	0.004	1.55	3.10

CIRCUIT	MAX CARD AMPS	USED CARD AMPS	SPARE CARD AMPS	SYMBOL	QTY	PART NO	DESCRIPTION	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)
APS 9B•N1	N/A	0.336000		⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 110CD	0	0	0.028	0.084
				⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 30CD	0	0	0.028	0.056
				⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 75CD	0	0	0.028	0.028
				⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 110CD	0	0	0.028	0.084
				⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 30CD	0	0	0.028	0.056
				⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 75CD	0	0	0.028	0.028
APS 9B•SC10B•A1-70		0.000000		⊠	6	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 0.5W	0	0	0	0
				S LF	13	EG4SWN	SPEAKER, WALL, WHITE, NONE 0.25W	0	0	0	0
[illegible]	N/A	0.000000		⊠	6	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 0.5W	0	0	0	0
				S LF	13	EG4SWN	SPEAKER, WALL, WHITE, NONE 0.25W	0	0	0	0

	TOTAL STANDBY (A) 0.074		TOTAL ALARM (A) 3.71
	REQUIRED STANDBY TIME (HOURS)		24
	REQUIRED ALARM TIME (MINUTES)		10
SECONDARY STANDBY LOAD (A)	0.074	24	1.78
SECONDARY ALARM LOAD (A)	3.71	0.167	0.618
STANDBY AND ALARM SUBTOTAL (AMP HOURS)		2.39	
DERATING FACTOR		1.25	
SECONDARY LOAD REQUIREMENTS (AMP HOURS)		2.99	

PROVIDE (2) 12V 7AH BATTERIES
*BATTERY BOX SIZE CAPACITY NOT SPECIFIED. REFER TO MANUFACTURER DOCUMENTATION.

PANEL P1•AUDIO PREAMP CH1•12 EOL 15K
P1•AUDIO PREAMP CH2•12 EOL 15K
P1•L3•M221
P1•L3•M222
AA30
APS 11B (APS6A W/SIGA-AA30) BATTERY CALCULATION
(SECONDARY POWER SOURCE REQUIREMENTS)

				STANDBY CURRENT		SECONDARY ALARM CURRENT	
	QTY	PART NO.	DESCRIPTION	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)
PANEL COMPONENTS	1	APS6A W/SIGA-AA30	AA-30 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 6A, 120VAC, RED	0	0	0	0
	1	APS6A MAINBOARD	MAINBOARD FOR APS6A ASSEMBLY	0.07	0.07	0.27	0.27
	2	SIGA-AA30	30 WATT INTELLIGENT AUDIO AMPLIFIER	0.002	0.004	1.55	3.10

CIRCUIT	MAX CARD AMPS	USED CARD AMPS	SPARE CARD AMPS	SYMBOL	QTY	PART NO	DESCRIPTION	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)
APS 11B•N1	N/A	0.336000		⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 110CD	0	0	0.028	0.084
				⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 30CD	0	0	0.028	0.056
				⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 75CD	0	0	0.028	0.028
APS 11B•N2				⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 110CD	0	0	0.028	0.084
				⊠	2	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 30CD	0	0	0.028	0.056
				⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 75CD	0	0	0.028	0.028
APS 11B•SC11B•A1-70	N/A	0.000000		⊠	6	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 0.5W	0	0	0	0
				S LF	13	EG4SWN	SPEAKER, WALL, WHITE, NONE 0.25W	0	0	0	0
APS 11B•SC12B•A1-70	N/A	0.000000		⊠	6	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 0.5W	0	0	0	0
				S LF	13	EG4SWN	SPEAKER, WALL, WHITE, NONE 0.25W	0	0	0	0

	TOTAL STANDBY (A) 0.074		TOTAL ALARM (A) 3.71
	REQUIRED STANDBY TIME (HOURS)		24
	REQUIRED ALARM TIME (MINUTES)		10
SECONDARY STANDBY LOAD (A)	0.074	24	1.78
SECONDARY ALARM LOAD (A)	3.71	0.167	0.618
STANDBY AND ALARM SUBTOTAL (AMP HOURS)		2.39	
DERATING FACTOR		1.25	
SECONDARY LOAD REQUIREMENTS (AMP HOURS)		2.99	

PROVIDE (2) 12V 7AH BATTERIES
*BATTERY BOX SIZE CAPACITY NOT SPECIFIED. REFER TO MANUFACTURER DOCUMENTATION.

PANEL P1•AUDIO PREAMP CH1•4
P1•AUDIO PREAMP CH2•4
P1•L2•M153
P1•L2•M154
AA50
APS 3A (APS10A W/SIGA-AA50) BATTERY CALCULATION
(SECONDARY POWER SOURCE REQUIREMENTS)

				STANDBY CURRENT		SECONDARY ALARM CURRENT	
	QTY	PART NO.	DESCRIPTION	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)
PANEL COMPONENTS	1	APS10A W/SIGA-AA50	AA-50 AMPLIFIER WITH REMOTE AUXILIARY/BOOSTER POWER SUPPLY, 10A, 120VAC, RED	0	0	0	0
	1	APS10A MAINBOARD	MAINBOARD FOR APS10A ASSEMBLY	0.07	0.07	0.27	0.27
	2	SIGA-AA50	50 WATT INTELLIGENT AUDIO AMPLIFIER	0.002	0.004	2.80	5.60

CIRCUIT	MAX CARD AMPS	USED CARD AMPS	SPARE CARD AMPS	SYMBOL	QTY	PART NO	DESCRIPTION	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)
APS 3A•N1	N/A	0.704000		⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 110CD	0	0	0.028	0.084
				⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 30CD	0	0	0.028	0.028
				⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 75CD	0	0	0.036	0.036
				⊠ WP	3	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED 115CD	0	0	0.068	0.204
APS 3A•N2				⊠	3	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 110CD	0	0	0.028	0.084
				⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 30CD	0	0	0.028	0.028
				⊠	1	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 75CD	0	0	0.036	0.036
				⊠ WP	3	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED 115CD	0	0	0.068	0.204
APS 3A•SC3A•A1-70	N/A	0.000000		⊠	5	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 0.5W	0	0	0	0
				S LF	13	EG4SWN	SPEAKER, WALL, WHITE, NONE 0.25W	0	0	0	0
				⊠ WP	3	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED 1W	0	0	0	0
APS 3A•SC4A•A1-70	N/A	0.000000		⊠	5	EG4SVWF	SPEAKER/STROBE, WALL, WHITE, FIRE 0.5W	0	0	0	0
				S LF	13	EG4SWN	SPEAKER, WALL, WHITE, NONE 0.25W	0	0	0	0
				⊠ WP	3	EWGSVMWF	SPEAKER/STROBE, WALL, WHITE, FIRE. OUTDOOR-RATED 1W	0	0	0	0

	TOTAL STANDBY (A) 0.074		TOTAL ALARM (A) 6.57
	REQUIRED STANDBY TIME (HOURS)		24
	REQUIRED ALARM TIME (MINUTES)		10
SECONDARY STANDBY LOAD (A)	0.074	24	1.78
SECONDARY ALARM LOAD (A)	6.57	0.167	1.10
STANDBY AND ALARM SUBTOTAL (AMP HOURS)		2.87	
DERATING FACTOR		1.25	
SECONDARY LOAD REQUIREMENTS (AMP HOURS)		3.59	

PROVIDE (2) 12V 7AH BATTERIES
*BATTERY BOX SIZE CAPACITY NOT SPECIFIED. REFER TO MANUFACTURER DOCUMENTATION.

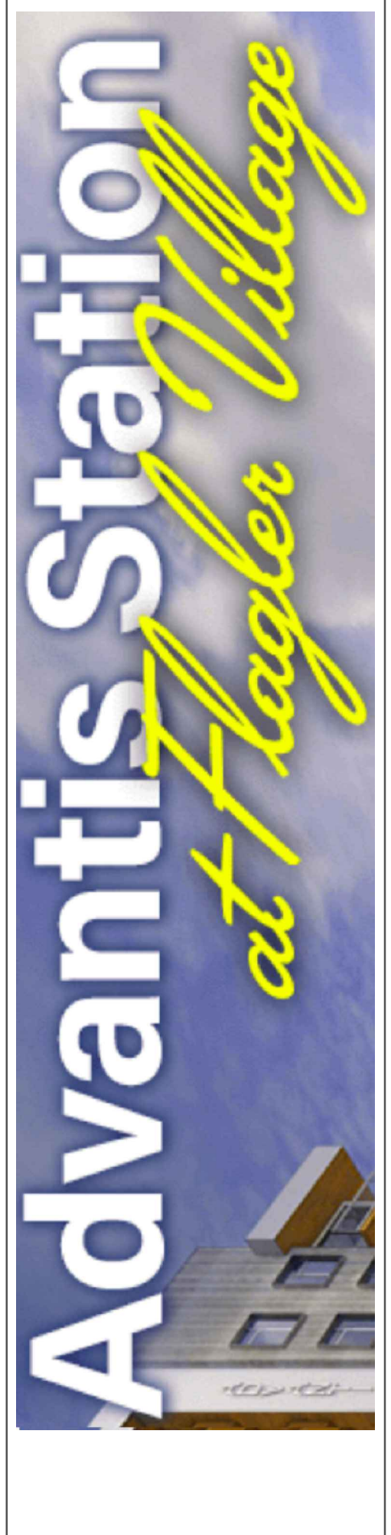
02 BATTERY CALCULATIONS
N.T.S.

SAMPLE

PROJECT:

AVANTIS STATION AT FLAGLER VILLAGE

FORT LAUDERDALE
FLORIDA 33304


Advantis Station at Flagler Village

PROJECT ADDRESS: 620 NE 3rd AVENUE, FORT LAUDERDALE, FLORIDA 33304

REVISION SCHEDULE

REV No:	DATE:	DESCRIPTION:	DRAWN BY:	REVIEWED BY:
1	01/13/2026	INITIAL REVISION	CG	JC
02				
03				
04				
05				

CONTRACTOR:

PROJECT No:
25-027

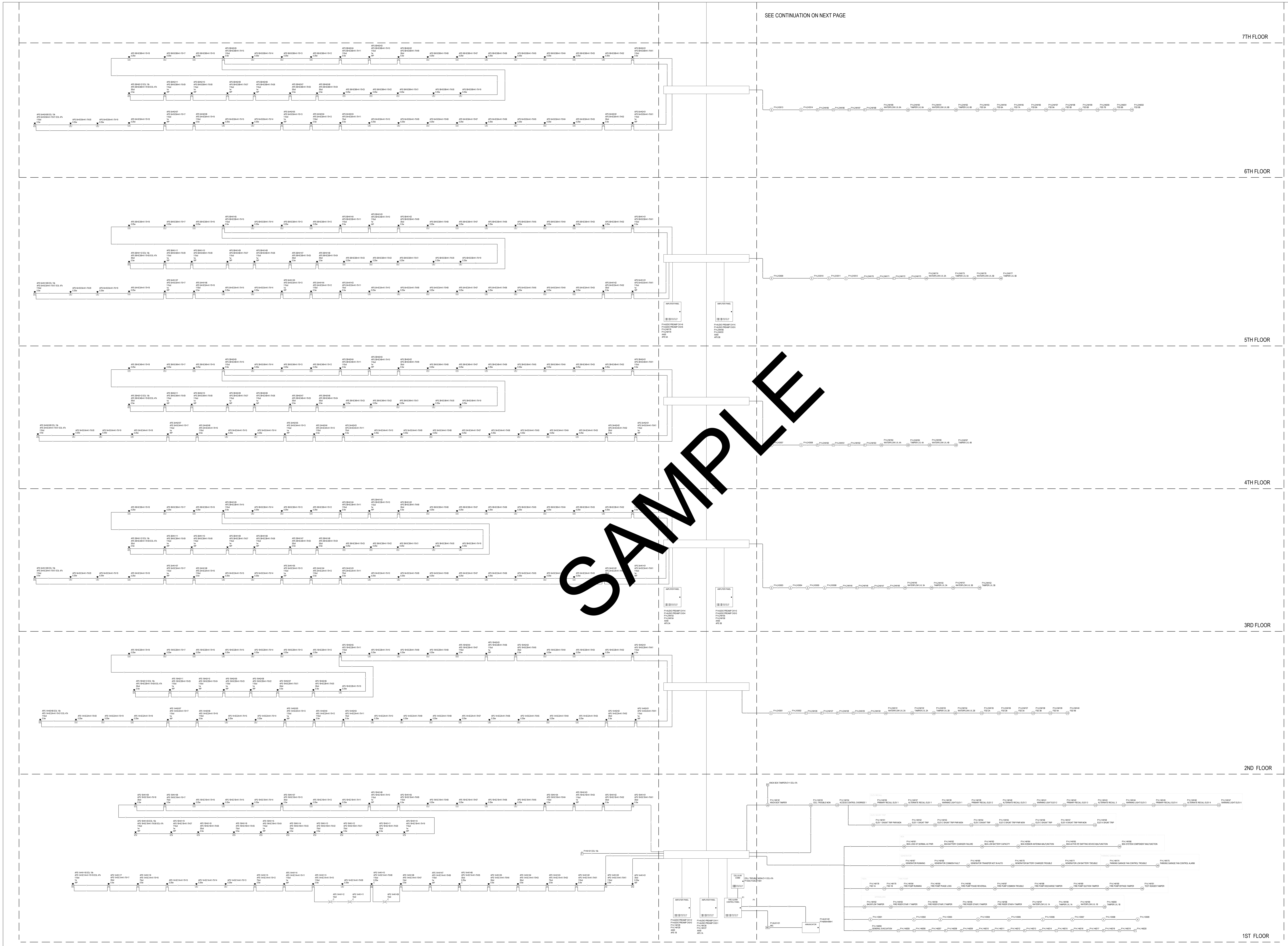
DATE:
01/13/2026

DWG FILE:
AVANTIS.DWG

SCALE:
SEE DRAWINGS

Sheet: 16 of 18

FA-04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7TH FLOOR
6TH FLOOR
5TH FLOOR
4TH FLOOR
3RD FLOOR
2ND FLOOR
1ST FLOOR

01 RISER DIAGRAM FLOORS 1ST - 6TH
N.T.S.

SAMPLE

PROJECT:

AVANTIS STATION AT FLAGLER VILLAGE

FORT LAUDERDALE
FLORIDA 33304

PROJECT ADDRESS: 600 NE 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33304

REVISION SCHEDULE

REV No:	DATE:	DESCRIPTION:	DRAWN BY:	REVIEWED BY:
1	01/13/2026	INITIAL REVISION	CG	JC
02				
03				
04				
05				

CONTRACTOR:

PROJECT No:
25-027

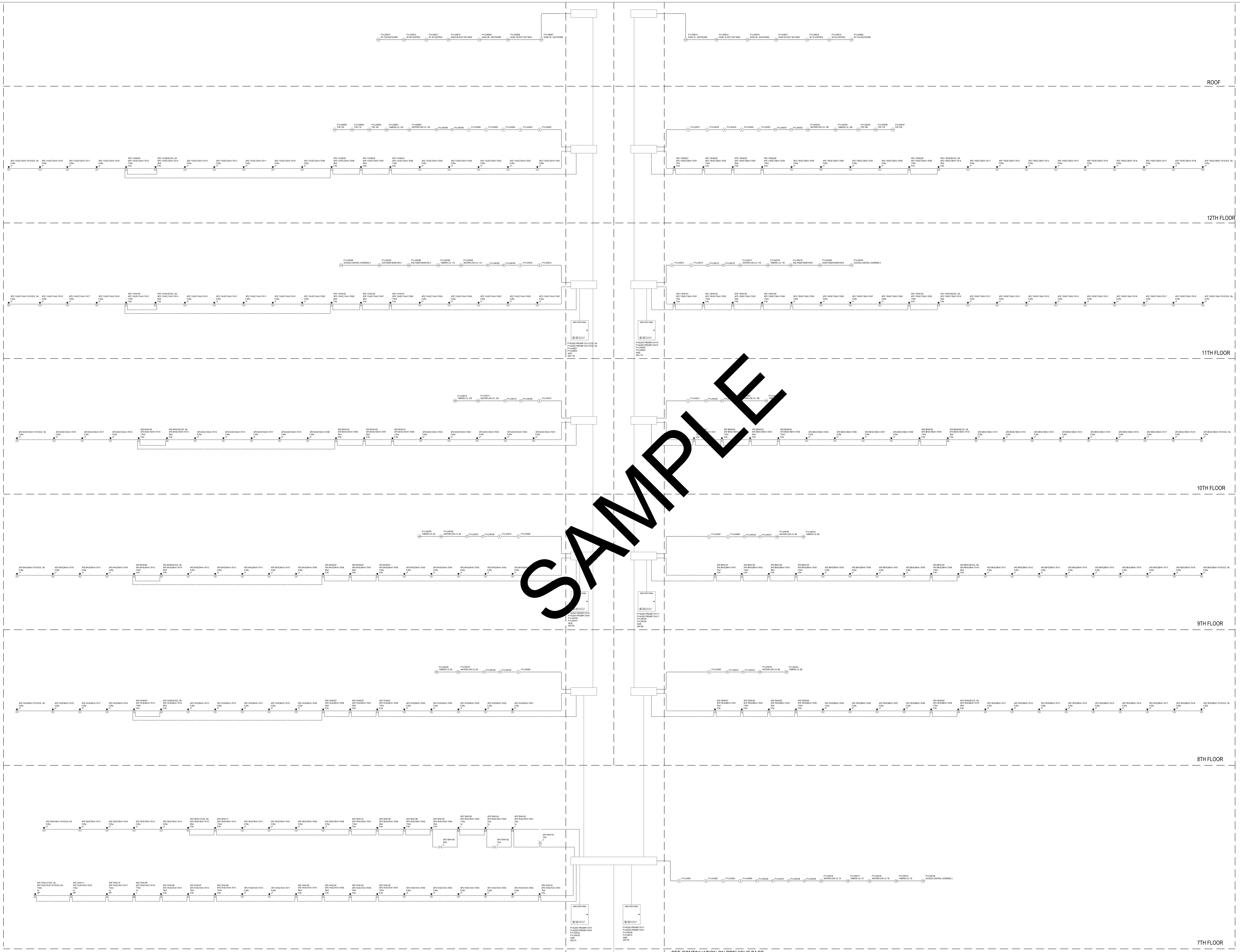
DATE:
01/13/2026

DWG FILE:
AVANTIS.DWG

SCALE:
SEE DRAWINGS

Sheet: 17 of 18

FA-05.1


ROOF
12TH FLOOR
11TH FLOOR
10TH FLOOR
9TH FLOOR
8TH FLOOR
7TH FLOOR

SEE CONTINUATION ON PREVIOUS PAGE

02 RISER DIAGRAM - FLOORS 7TH - ROOF
N.T.S.

SAMPLE

PROJECT:
AVANTIS STATION AT FLAGLER VILLAGE
FORT LAUDERDALE
FLORIDA 33304

PROJECT ADDRESS: 600 NE 3RD AVENUE, FORT LAUDERDALE, FLORIDA 33304

REVISION SCHEDULE

REV No:	DATE:	DESCRIPTION:	DRAWN BY:	REVIEWED BY:
1	01/13/2026	INITIAL REVISION	CG	JC
02				
03				
04				
05				

CONTRACTOR:

PROJECT No:
25-027
DATE:
01/13/2026
DWG FILE:
AVANTIS.DWG
SCALE:
SEE DRAWINGS
Sheet: 18 of 18

FA-05.2