
# SHOE PALACE
## SOUTH HILL MALL #1315
## 3500 SOUTH MERIDIAN, SPACE #410 & #420
## PUYALLUP, WA 98373
## FIRE ALARM TENANT IMPROVEMENT DRAWINGS

## FIRE ALARM SYMBOL LEGEND

NOTE: ALL SYMBOLS MAY NOT BE USED ON THIS PROJECT

| QTY | SYMBOL | DESCRIPTION | MANUF. & PART # | MOUNTING | MOUNT IN |
|---|---|---|---|---|---|
| E | FACP E | FIRE ALARM CONTROL PANEL | EXISTING | WALL – TOP @ 66" | EXISTING TO REMAIN |
| E | FPS E | FIRE ALARM POWER SUPPLY | EXISTING | WALL – TOP @ 66" | EXISTING TO REMAIN |
| 4 | RTS | REMOTE TEST SWITCH | NOTIFIER – RTS151KEY | FIELD VERIFY | SINGLE GANG DEEP – MOUNTED FLUSH |
| E | E | SMOKE DETECTOR (EXISTING) | EXISTING | CEILING | EXISTING TO REMAIN |
| 4 | DD | DUCT SMOKE DETECTOR | NOTIFIER – ND–100 | INDICATED DUCT | DUCT DETECTOR HOUSING |
| 4 | RM | RELAY MODULE | NOTIFIER – FRM–1 | FIELD VERIFY | 4 SQ. DEEP – MOUNTED FLUSH |
| 14 | | SMOKE DETECTOR (NEW) | NOTIFIER – FSP–951–IV | CEILING | EXISTING TO REMAIN |
| 4 | S | CEILING MOUNT SPEAKER / STROBE | SYSTEM SENSOR – SPSCR(W)L | CEILING | 4 SQ. DEEP – MOUNTED FLUSH |
| 4 | SS | SPEAKER / STROBE | SYSTEM SENSOR – SPSR(W)L | WALL 80"–96" | 4 SQ. DEEP – MOUNTED FLUSH |

| ABBREVIATION | DESCRIPTION |
|---|---|
| E | EXISTING |
| G | WITH GUARD |
| P | PENDENT MOUNT |
| R | REMOVE AND RELOCATE |
| S | SOUNDER BASE |
| WP | WEATHERPROOF |
| EOL | END OF LINE RESISTOR |
| EOLR | END OF LINE RELAY |

| ABBREVIATION | DESCRIPTION |
|---|---|
| AWG | AMERICAN WIRE GAUGE |
| TWP | TWISTED PAIR |
| TWSP | TWISTED SHIELDED PAIR |
| FPLP | FIRE POWER LIMITED PLENUM |
| FPLR | FIRE POWER LIMITED RISER |

STROBE CANDELA: 15 / 30

DEVICE ADDRESS: L1S001 OR M01 (L = DENOTES LOOP #, S or M = DENOTES SENSOR OR MODULE #) — P

1–#16/2 TWP — WIRE TYPE ABBREVIATED; CONDUCTOR COUNT; WIRE SIZE; # OF CABLES (IF OMITTED ONLY 1 CABLE NEEDED)

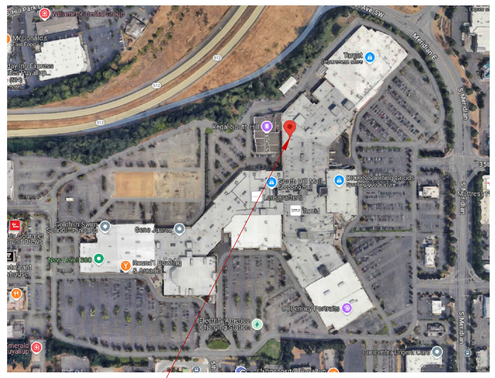
City of Puyallup
Fire
**REVIEWED FOR COMPLIANCE**
DDrake
10/17/2024
8:13:15 AM

THE APPROVED CONSTRUCTION PLANS AND ALL ENGINEERING MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION.

Approval of submitted plans is not an approval of omissions or oversight by this office or noncompliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable building codes and regulations of the local government.

Read Permit Conditions prior to calling for inspection.

City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning | Engineering | Public Works | Fire | Traffic




## GENERAL NOTES:

1. SCOPE OF WORK: THIS PROJECT SHALL INCLUDE. TENANT IMPROVEMENTS TO EXISTING FIRE ALARM SYSTEM AT THE SOUTH HILLS MALL. CONNECT SPEAKER STROBES TO EXISTING SPEAKER AND STROBE CIRCUITS LOCATED IN TENANT SPACE. EXISTING FIRE ALARM POWER SUPPLY TO REMAIN. EXISTING SMOKE DETECTOR TO FIRE ALARM POWER SUPPLY TO REMAIN. CONNECT NEW SLC DEVICES TO EXISTING SLC CKT.
2. THESE DRAWINGS ARE DIAGRAMMATIC. REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS.
3. INSTALLATION SHALL COMPLY WITH NEC, NFPA 72 AND ALL OTHER APPLICABLE CODES AS REQUIRED BY THE LOCAL AUTHORITY HAVING JURISDICTION.
4. WIRING DEPICTED ON THESE PLANS IS SCHEMATIC – ACTUAL WIRE LOCATIONS MAY DIFFER FROM THESE PLANS. WIRING SHALL BE PERFORMED AS ACTUAL BUILDING CONSTRUCTION CONDITIONS ALLOW AND TO MINIMIZE PENETRATIONS THROUGH AREA SEPARATION WALLS AND FIRE WALLS. THE USE OF A RACEWAY IS PERMITTED AS LONG AS NO 110V OR HIGHER VOLTAGE CABLES ARE IN THE SAME RACEWAY.
5. FIRE RATINGS SHALL BE MAINTAINED FOR ALL PENETRATIONS THROUGH FIRE–RATED CONSTRUCTION.
6. POWER FOR ALL FIRE ALARM PANELS AND FIRE ALARM POWER SUPPLIES MUST BE PROVIDED BY A DEDICATED AC BRANCH CIRCUIT. THE LOCATION OF THE BRANCH CIRCUIT BREAKER SHALL BE PERMANENTLY IDENTIFIED AT THE CONTROL UNIT, MECHANICALLY PROTECTED, ACCESSIBLE ONLY TO AUTHORIZED PERSONNEL AND SHALL BE RED AND LABELED "FIRE ALARM CIRCUIT CONTROL" IN ACCORDANCE WITH NFPA 72. ELECTRICAL CONTRACTOR SHALL PERFORM LOAD CALCULATIONS TO DETERMINE SIZE OF WIRING AND BREAKERS FOR ALL FIRE ALARM AC BRANCH CIRCUITS BASED ON THE INFORMATION PROVIDED IN THE BATTERY CALCULATIONS FOR THE FIRE ALARM EQUIPMENT.
7. POWER–LIMITED AND NONPOWER–LIMITED CIRCUIT WIRING MUST REMAIN SEPARATED IN CABINET. ALL POWER–LIMITED CIRCUIT WIRING MUST REMAIN AT LEAST 0.25" AWAY FROM ANY NONPOWER–LIMITED CIRCUIT WIRING. FURTHERMORE, ALL POWER–LIMITED AND NONPOWER–LIMITED CIRCUIT WIRING MUST ENTER AND EXIT THE CABINET THROUGH DIFFERENT KNOCK OUTS AND/OR SEPARATE CONDUITS.
8. WHEN UTILIZING CLASS "A" CIRCUITS, SEPARATE OUTGOING AND RETURN CONDUCTORS OF CLASS "A" CIRCUITS BY A MINIMUM OF 12" WHERE RUN VERTICALLY AND 48" WHERE RUN HORIZONTALLY.
9. WHEN UTILIZING SHIELDED CABLE TIE SHIELDS THROUGH AND INSULATE AT EACH JUNCTION BOX. INSULATE AND TAPE BACK AT END.
10. ALL FIRE ALARM CABLING SHALL BE ACCEPTABLE TO THE FIRE ALARM EQUIPMENT MANUFACTURER FOR THE INTENDED PURPOSE. CABLES USED IN VERTICAL RUNS SHALL BE TYPE FPLP OR FPLR. CABLE SPLICES OR TERMINATIONS SHALL BE MADE IN LISTED FITTINGS, BOXES, ENCLOSURES, FIRE ALARM DEVICES, OR UTILIZATION EQUIPMENT. WHERE INSTALLED EXPOSED, CABLES SHALL BE ADEQUATELY SUPPORTED AND INSTALLED IN SUCH A WAY THAT MAXIMUM PROTECTION AGAINST PHYSICAL DAMAGE IS AFFORDED BY BUILDING CONSTRUCTION. WHERE LOCATED WITHIN 7 FT OF THE FLOOR, CABLES SHALL BE SECURELY FASTENED IN AN APPROVED MANNER AT INTERVALS OF NOT MORE THAN 18 IN.
11. SMOKE DETECTORS SHALL NOT BE INSTALLED UNTIL AFTER CONSTRUCTION CLEAN–UP IS COMPLETED AND FINAL.
12. LOCATE SMOKE DETECTORS A MINIMUM OF THREE (3) FEET FROM MECHANICAL DIFFUSERS. WALL–MOUNTED SMOKE DETECTORS SHALL BE LOCATED A MAXIMUM OF 12" FROM CEILING.
13. PROVIDE SYNCHRONIZATION OF ALL VISUAL NOTIFICATION APPLIANCE CIRCUITS. PROVIDE ALL REQUIRED SYNC MODULES. PROVIDE A MULTI–SYNC MODE SLAVE CONNECTION BETWEEN ALL SYNC MODULES.
14. VERIFY ALL FIELD SELECTABLE AUDIBILITY SETTINGS OF NOTIFICATION APPLIANCES WITH FIRE ALARM CONTRACTOR.
15. UPON COMPLETION OF THE FIRE ALARM SYSTEM INSTALLATION AND PROGRAMMING, THE INSTALLING CONTRACTOR SHALL PERFORM FINAL TESTING OF THE ENTIRE SYSTEM, PER ALL APPLICABLE CODES, AND SHALL COORDINATE AND PERFORM A FINAL FIRE ALARM SYSTEM INSPECTION.
16. PROVIDE OFF–SITE MONITORING AS REQUIRED BY THE INTERNATIONAL FIRE CODE, SECTION 907.6.6 AND THE LOCAL AUTHORITY HAVING JURISDICTION.
17. INSTALLING CONTRACTOR SHALL, PHYSICALLY, LABEL ALL INITIATING DEVICES AND NOTIFICATION APPLIANCE CIRCUIT END OF LINE (WHEN WIRING CLASS "B"). THESE LABELS SHALL BE IN PLACE PRIOR TO START–UP AND TESTING.
18. ROOMS CONTAINING CONTROLS FOR AIR–CONDITIONING SYSTEMS, SPRINKLER RISERS AND VALVES OR OTHER FIRE DETECTION, SUPPRESSION OR CONTROL ELEMENTS SHALL BE IDENTIFIED WITH PERMANENTLY MOUNTED SIGNS WITH LETTERING NOT LESS THAN 2 INCHES TALL WITH A PRINCIPAL STROKE OF NOT LESS THAN 3/8 INCH. LETTERS SHALL CONTRAST WITH BACKGROUND.

## CODE ANALYSIS

BUILDING INFORMATION:

A) OCCUPANCY CLASSIFICATION(S): B/M
B) OCCUPANCY LOAD(S): 76 OCC
C) SPRINKLERS: YES
D) CONSTRUCTION TYPE: IIB
E) BUILDING HEIGHT: 1 STORY
F) PROJECT SQUARE FOOTAGE: ~6,719 S.F.
G) APPLICABLE CODES:
   2021 INTERNATIONAL FIRE CODE
   2019 NFPA 72
   2021 NEC
   STATE AND LOCAL MARSHAL REGULATIONS
H) CIRCUIT CLASSIFICATION: POWER LIMITED
I) PARCEL NUMBER: 6021010051

## FIRE RESISTANCE RATINGS OF STRUCTURAL COMPONENTS

| | | |
|---|---|---|
| 1. | STRUCTURAL FRAME | 0 HOUR RATING |
| 2. | BEARING WALLS – EXTERIOR & INTERIOR | 0 HOUR RATING |
| 3. | NON–BEARING WALLS | 0 HOUR RATING |
| 4. | FLOOR CONSTRUCTION | 0 HOUR RATING |
| 5. | ROOF FRAMING | 0 HOUR RATING |

## FACP Additional Load Battry Calculation

9/16/2024

PROJECT NAME: SOUTH HILLS MALL SHOE PALACE
Required Standby Time: 24 Hours
Required Alarm Time: 15 Minutes
System Manufacturer: Notifier

### AC Branch Current

AC Branch Current: 2.08 Amps @ 120V

### Maximum NAC Output

Panel Max: 6.50 Amps
Circuit Max: 3.00 Amps

### Regulated Load in Standby

| Device Type | Model | Number of Devices | | Current (Amps) | | Total Current (Amps) |
|---|---|---|---|---|---|---|
| SMOKE DETECTOR | FSP–951 | 14 | X | 0.000200 | = | 0.002800 |
| DUCT SMOKE DETECTOR | ND–100 | 4 | X | 0.000300 | = | 0.001200 |
| RELAY MODULE | FRM–1 | 4 | X | 0.000230 | = | 0.000920 |
| REMOTE TEST SWITCH | RTS151KEY | 4 | X | 0.000000 | = | 0.000000 |
| TOTAL STANDBY LOAD | | | | | | 0.004920 |

### Regulated Load in ALARM

| Device Type | Model | Number of Devices | | Current (Amps) | | Total Current (Amps) |
|---|---|---|---|---|---|---|
| SMOKE DETECTOR | FSP–951 | 14 | X | 0.004500 | = | 0.063000 |
| DUCT SMOKE DETECTOR | ND–100 | 4 | X | 0.006500 | = | 0.026000 |
| RELAY MODULE | FRM–1 | 4 | X | 0.006500 | = | 0.026000 |
| REMOTE TEST SWITCH | RTS151KEY | 4 | X | 0.007500 | = | 0.030000 |
| TOTAL ALARM LOAD | | | | | | 1.109000 |

### Battery Requirements

| | | | | |
|---|---|---|---|---|
| Standby Load | | Required Standby Time in Hours | | |
| Current (Amps) | 0.004920 | X 24.00000 | = | 0.118080 |
| Alarm Load | | Required Alarm Time in Hours | | |
| Current (Amps) | 1.109000 | X 0.250000 | = | 0.277250 |
| Total Ampere Hours (before derating factor) | | | | 0.395330 |
| Derating Factor | | | X | 1.2 |
| TOTAL AMPERE HOURS REQUIRED | | | = | 0.474396 |
| BATTERIES TO BE PROVIDED (2 – 12v) | | | | FIELD VERIFY |

NOTE: THE ABOVE BATTERY CALCULATION IS A COMBINED TOTAL OF THE ADDITIONAL LOADS THAT WILL BE ADDED FROM THE SCOPE OF THIS PROJECT. FIELD VERIFY THE SIZE OF THE EXISTING BATTERIES AND UPSIZE ACCORDINGLY.

## FPS Additional Load Battery Calculation

9/11/2024

PROJECT NAME: SOUTH HILLS MALL SHOE PALACE
Required Standby Time: 24 Hours
Required Alarm Time: 15 Minutes

### AC Branch Current

AC Branch Current: 2.08 Amps @ 120V

### Maximum NAC Output

Panel Max: 6.50 Amps
Circuit Max: 3.00 Amps

### Regulated Load in Standby

| Device Type | Model | Number of Devices | | Current (Amps) | | Total Current (Amps) |
|---|---|---|---|---|---|---|
| TOTAL STANDBY LOAD | | | | | | 0.000000 |

### Regulated Load in ALARM

| Device Type | Model | Number of Devices | | Current (Amps) | | Total Current (Amps) |
|---|---|---|---|---|---|---|
| FPS1.1 (See Voltage Drop Calculations) | | | | 0.964000 | = | 0.964000 |
| TOTAL ALARM LOAD | | | | | | 0.964000 |

### Battery Requirements

| | | | | |
|---|---|---|---|---|
| Standby Load | | Required Standby Time in Hours | | |
| Current (Amps) | 0.000000 | X 24.00000 | = | 0.000000 |
| Alarm Load | | Required Alarm Time in Hours | | |
| Current (Amps) | 0.964000 | X 0.250000 | = | 0.241000 |
| Total Ampere Hours (before derating factor) | | | | 0.241000 |
| Derating Factor | | | X | 1.2 |
| TOTAL AMPERE HOURS REQUIRED | | | = | 0.289200 |
| BATTERIES TO BE PROVIDED (2 – 12v) | | | | FIELD VERIFY |

NOTE: THE ABOVE BATTERY CALCULATION IS A COMBINED TOTAL OF THE ADDITIONAL LOADS THAT WILL BE ADDED FROM THE SCOPE OF THIS PROJECT. FIELD VERIFY THE SIZE OF THE EXISTING BATTERIES AND UPSIZE ACCORDINGLY.

## Point to Point NAC Voltage Drop Calculation

| | | | | |
|---|---|---|---|---|
| Date | 9/11/2024 | | | |
| Project Name | SOUTH HILLS MALL SHOE PALACE | | | |
| Circuit Number | FPS1.1 | | | |
| Nominal System Voltage | 20.4 volts | Wire Gauge | Resistance Per 1000 | |
| Minimum Device Voltage | 16.0 volts | 14 | 3.07 | |
| Distance from source to 1st device | 21 feet | 14 | 3.07 | |
| Wire Gauge for balance of circuit | | | | |
| Max Output Current | 3.00 amps | Speaker ID | S1.1. | |
| Total Circuit Current | 0.964 amps | NAC ID | N1.1. | |
| Spare Current Capacity | 20% | | | |
| End of Line Voltage | 19.09 volts | | | |
| Notification Appliance Manufacturer | System Sensor | | | |

| Circuit is within limits | | | | | | | |
|---|---|---|---|---|---|---|---|
| Speaker Identifier | NAC Identifier | Device Model # and Candela | Device Wattage | Device Current | Distance Previous Device | Voltage at Device | Drop From Source | Percent Drop |
| S1.1.1 | N1.1.1 | SPSRL 15 | 1/4 | 0.043 | 21 | 20.28 | 0.124 | 0.61% |
| S1.1.2 | N1.1.2 | SPSCRL 30 | 1/2 | 0.063 | 21 | 20.16 | 0.243 | 1.19% |
| S1.1.3 | N1.1.3 | SPSRL 15 | 1/4 | 0.043 | 21 | 20.05 | 0.354 | 1.73% |
| S1.1.4 | N1.1.4 | SPSCRL 75 | 1/2 | 0.111 | 52 | 19.79 | 0.614 | 3.01% |
| S1.1.5 | N1.1.5 | SPSCRL 75 | 1/2 | 0.111 | 45 | 19.59 | 0.808 | 3.96% |
| S1.1.6 | N1.1.6 | SPSCRL 75 | 1/2 | 0.111 | 33 | 19.47 | 0.929 | 4.55% |
| S1.1.7 | N1.1.7 | SPSCRL 75 | 1/2 | 0.111 | 48 | 19.33 | 1.071 | 5.25% |
| S1.1.8 | N1.1.8 | SPSCRL 30 | 1/2 | 0.063 | 43 | 19.23 | 1.169 | 5.73% |
| S1.1.9 | N1.1.9 | SPSRL 15 | 1/4 | 0.043 | 21 | 19.19 | 1.208 | 5.92% |
| S1.1.10 | N1.1.10 | SPSRL 15 | 1/4 | 0.043 | 24 | 19.15 | 1.247 | 6.11% |
| S1.1.11 | N1.1.11 | SPSCRL 75 | 1/2 | 0.111 | 28 | 19.11 | 1.286 | 6.30% |
| S1.1.12 | N1.1.12 | SPSCRL 75 | 1/2 | 0.111 | 40 | 19.09 | 1.313 | 6.44% |
| Totals | | | 5 | 0.964 | 397 | | | |

Notes:
Wire resistance is doubled in the calculations for two wires (Positive and Negative). The voltage calculated to the last device must not be lower than the manufactures listed minimum operating voltage (IE: rated operating voltage 16–33 VDC (24 VDC nominal)).

| REVISION | DESCRIPTION | DATE |
|---|---|---|
| 0 | ISSUED FOR REVIEW & APPROVAL | 9/16/2024 |

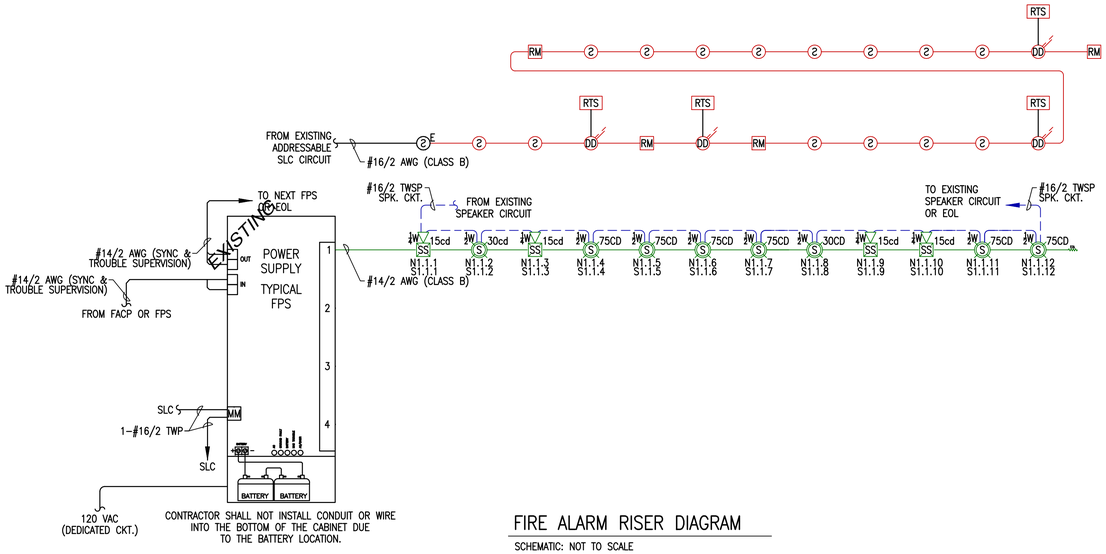
FIRE CHIEF EQUIPMENT
14214 NE 21st Street Bellevue, WA. 98007
(425) 641–2127 FAX (425) 562–6662


SHOE PALACE - SOUTH HILLS MALL
3500 SOUTH MERIDIAN
PUYALLUP, WA 98373
FIRE ALARM PLAN

| | |
|---|---|
| DRAWN | NRJ UNICAD JOB #24575 |
| CHECKED | CORY W. HAWS, SET NICET IV FAS 112381 |
| DATE | 9/16/2024 |
| REVISION | 1 |
| SCALE | 1/8"=1'–0" |

shop drawings created by:
5794 W. 4600 So.
Hooper, UT 84315
Office: 801.985.0410
www.unicad.net
UNICAD Inc. Fire Alarm Design & Drafting Services

FA-1

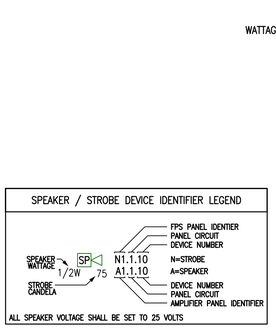


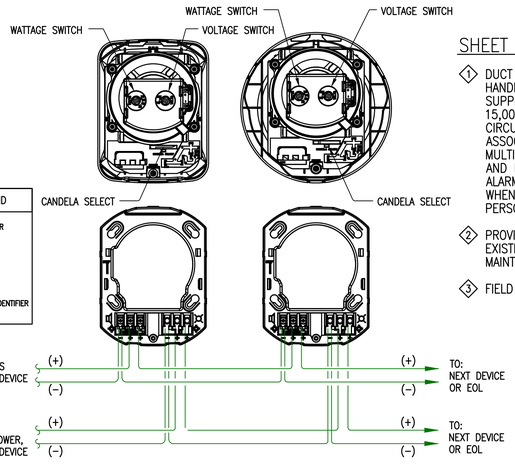

## FIRE ALARM RISER DIAGRAM

SCHEMATIC: NOT TO SCALE

| OPERATIONS MATRIX<br>FIRE ALARM INPUT | FIRE ALARM OUTPUT<br>DISPLAY DESCRIPTIVE TEXT AT FACP AND/OR ANNUNCIATOR | ACTIVATE ALARM INDICATOR AT FACP | ACTIVATE AUDIBLE ALARM AT FACP | ACTIVATE SUPERVISORY INDICATOR AT FACP | ACTIVATE AUDIBLE SUPERVISORY SIGNAL AT FACP | ACTIVATE TROUBLE INDICATOR AT FACP | ACTIVATE AUDIBLE TROUBLE INDICATOR AT FACP | TRANSMIT WATERFLOW SIGNAL | TRANSMIT ALARM SIGNAL | TRANSMIT SUPERVISORY SIGNAL | TRANSMIT TROUBLE SIGNAL | ACTIVATE NOTIFICATION APPLIANCES | SHUTDOWN AIR HANDLERS IN EXCESS OF 2,000 CFM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SMOKE DETECTORS | ● | ● | ● | | ● | | | | ● | | | ● | |
| DUCT SMOKE DETECTORS | ● | | | ● | ● | | | | | ● | | | ● |
| PULL STATIONS | ● | ● | ● | | | | | | ● | | | ● | |
| WATERFLOW SWITCHES | ● | ● | ● | | | | | ● | | | | ● | |
| VALVE SUPERVISORY SWITCHES | ● | | | ● | ● | | | | | ● | | | |
| FIRE ALARM AC POWER FAIL | ● | | | | | ● | ● | | | | ● | | |
| FIRE ALARM LOW BATTERY | ● | | | | | ● | ● | | | | ● | | |
| OPEN CIRCUIT | ● | | | | | ● | ● | | | | ● | | |
| GROUND FAULT | ● | | | | | ● | ● | | | | ● | | |
| NAC SHORT CIRCUIT | ● | | | | | ● | ● | | | | ● | | |
| LOSS OF AC TO BUILDING | ● | | | | | ● | ● | | | | ● | | |

NOTE: NO NEW INITIATING DEVICES ARE BEING INSTALLED AS PART OF THIS SCOPE OF WORK. EXISTING INPUT/OUTPUT OPERATIONS SHALL REMAIN. NOTIFICATION APPLIANCES ARE BEING REMOVED AND RELOCATED AND SHALL MAINTAIN EXISTING OUTPUT MAPPING.



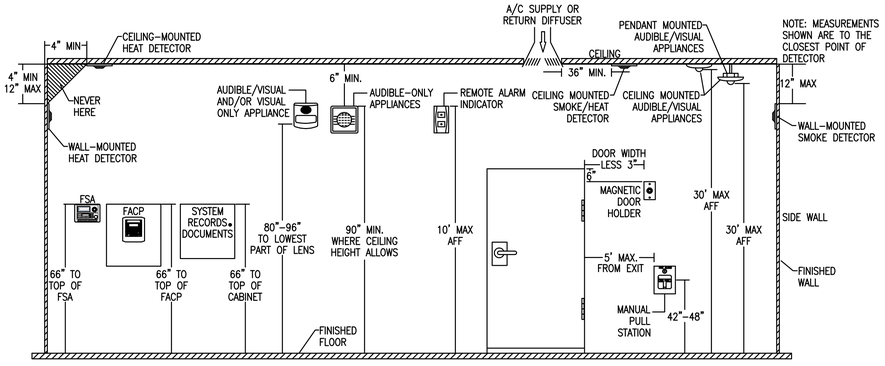




## TYPICAL SPEAKER STROBE WIRING DIAGRAM

SCHEMATIC: NO SCALE

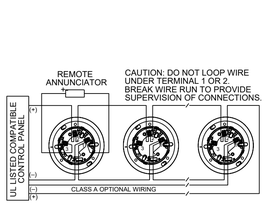
## SHEET NOTES:

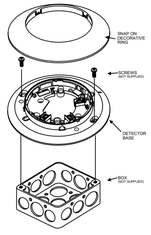
1. DUCT SMOKE DETECTORS PROVIDED FOR THE RETURN AIR PATH AT ALL AIR HANDLING UNITS HAVING A CAPACITY GREATER THAN 2,000 CFM AND FOR THE SUPPLY AIR PATH AT ALL AIR HANDLING UNITS HAVING A CAPACITY GREATER THAN 15,000 CFM. INSTALLING CONTRACTOR SHALL FIELD VERIFY EXACT MOUNTING, CIRCUITING AND PROGRAMMING REQUIREMENTS. PROVIDE FOR SHUT DOWN OF THE ASSOCIATED UNIT FAN(S). FIELD VERIFY UNIT POWER SOURCE. USE MULTI-VOLTAGE CONTROL RELAY(S) IF REQUIRED. FIELD VERIFY EXACT QUANTITY AND LOCATION(S) WITH MECHANICAL DIVISION. PROVIDE REMOTE ALARM/SUPERVISORY INDICATION IN A LOCATION ACCEPTABLE TO THE LOCAL AHJ WHEN IN-DUCT SMOKE DETECTOR INDICATOR IS NOT VISIBLE TO RESPONDING PERSONNEL.
2. PROVIDE AND INSTALL INITIATING DEVICE(S). CONNECT NEW DEVICE(S) TO NEAREST EXISTING SLC. INSTALLING CONTRACTOR SHALL FIELD VERIFY EXISTING CIRCUIT. MAINTAIN EXISTING WIRE STYLE. CLASS, AND SUPERVISION.
3. FIELD VERIFY EXACT LOCATION AND PLACEMENT OF REMOTE TEST SWITCH(S).




## FIRE ALARM DEVICE MOUNTING HEIGHTS

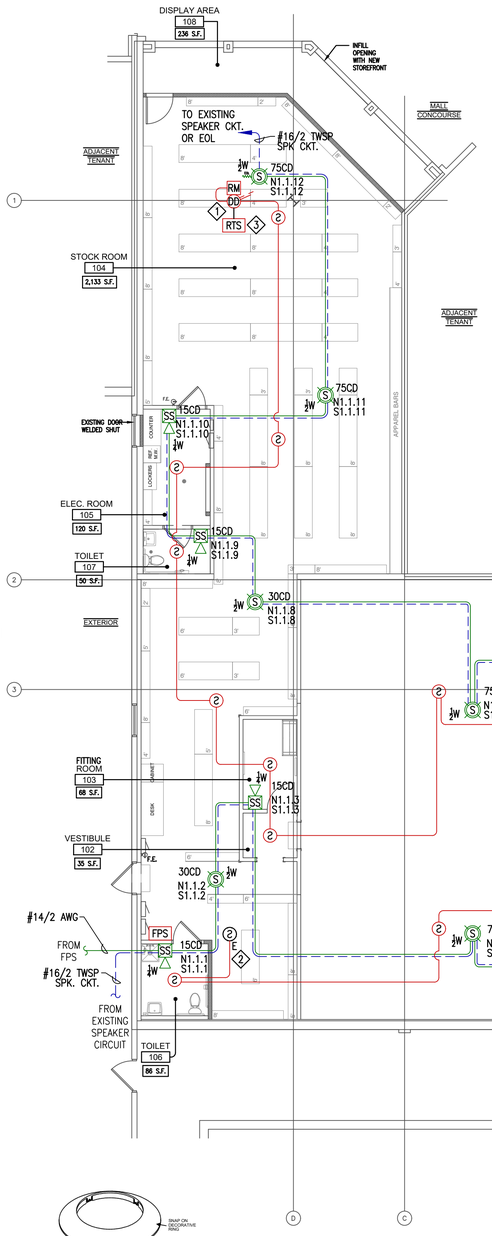
SCALE: NOT TO SCALE




## 6" DETECTOR BASE WIRING DETAIL

SCHEMATIC: NO SCALE




## FIRE ALARM PLAN

SCALE: 1/8"=1'-0"

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

| | |
|---|---|
| Building | Planning |
| Engineering | Public Works |
| Fire | Traffic |

| REVISION | DESCRIPTION | DATE |
|---|---|---|
| 0 | ISSUED FOR REVIEW & APPROVAL | 9/16/2024 |

FIRE CHIEF EQUIPMENT
14214 NE 21st Street Bellevue, WA. 98007
(425) 641-2127 FAX (425) 562-6662



# SHOE PALACE - SOUTH HILLS MALL
## 3500 SOUTH MERIDIAN
## PUYALLUP, WA 98373
## FIRE ALARM PLAN

| | |
|---|---|
| DRAWN | NRJ<br>UNICAD JOB #24575 |
| CHECKED | CORY W. HAWS, SET<br>NICET IV FAS 112381 |
| DATE | 9/16/2024 |
| REVISION | 1 |
| SCALE | 1/8"=1'-0" |

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FA-2