



- 1 ALL CIRCUITS SHALL BE CLASS A. STYLE 6 NAC AND SLC, STYLE Z
IDC.
- 2 ALL WIRING SHALL BE IN CONDUIT.
- 3 PROVIDE THE FOLLOWING SPARE PARTS:
THREE MANUAL STATIONS
THREE SMOKE DETECTORS
THREE SPEAKER / STROBES
THREE TAMPER SWITCHES
THREE SETS: FUSES
- 4 A/V DEVICES FOR MNS SHALL BE WHITE BODY MARKED ALERT WITH
AMBER LENS. FA A/V DEVICES SHALL BE RED BODY MARKED FIRE
WITH CLEAR STROBES. COMBINATION DEVICES SHALL HAVE WHITE BODY
MARKED ALERT WITH AMBER AND CLEAR LENS.
- 5 BATTERIES SHALL BE SIZED FOR 48 HOURS STANDBY AND 60 MINUTES
ALARM.
- 6 TRANSMIT THE FOLLOWING TO THE BASE FD: SPRINKLER WATER FLOW,
SMOKE DETECTOR, MANUAL PULL STATIONS, SUPERVISORY, AND DUCT
SMOKE DETECTOR.
- 7 COORDINATE MNS MESSAGES WITH BASE FIRE DEPARTMENT.

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| FACP | ADDRESSABLE FIRE ALARM CONTROL PANEL |
| DCI | DIGITAL ALARM COMMUNICATING DEVICE |
| MAF | MANUAL FIRE ALARM PULL STATION; 48" MOUNTING HEIGHT, U.N.O. |
| VS | EMERGENCY SPEAKER / STROBES; 80" WALL MOUNTING HEIGHT, OR CEILING MOUNT, WHITE WITH CLEAR LENS |
| SP | EMERGENCY SPEAKER, WALL OR CEILING MOUNT |
| S | PHOTOELECTRIC SMOKE DETECTOR, ADDRESSABLE |
| TS | DUCT MOUNTED SMOKE DETECTOR, ADDRESSABLE |
| TS | SPRINKLER SYSTEM TAMPER SWITCH |
| FS | SPRINKLER SYSTEM FLOW SWITCH |
| MM | ADDRESSABLE MONITOR MODULE |
| CM | ADDRESSABLE CONTROL MODULE |
| DM | DOOR HOLD OPEN DEVICE |
| O | FRT ANTENNA |
| MCB | KNOX BOX WITH TAMPER SWITCH |
| W | WEATHERPROOF |
| LH | UNLESS NOTED OTHERWISE, ALL AREAS ARE LIGHT HAZARDOUS, 0.10 GPM/ SF AND 250 GPM HOSES |
| OH1 | ORDINARY HAZARD GROUP 1
0.15 GPM / 3,000 SF AND
500 GPM HOSES |
| OH2 | ORDINARY HAZARD GROUP 2
0.2 GPM / 3,000 SF AND
500 GPM HOSES |
| | BASE HYDRAULIC CALCULATIONS ON 1,000 GPM FLOWING AT 36 PSI RESIDUAL, 68 PSI STATIC AT CONNECTION TO CITY MAIN. |



- ① DI STUB-UP, RODDED THROUGH FLOOR WITH SLEEVE. INSTALL RODS THROUGH FLOOR SLEEVE, SEAL OPENING w/MASTIC
- ② DOUBLE CHECK BACK FLOW PREVENTER
- ③ BUTTERFLY VALVE w/TAMPER SWITCH
- ④ RISER CHECK VALVE
- ⑤ FIRE DEPARTMENT CONNECTION
- ⑥ BACKFLOW TEST CONNECTION
- ⑦ FLOW SWITCH
- ⑧ NORMALLY CLOSED VALVE
- ⑨ FROM WATER SUPPLY