



MFA Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PH: (503) 234-0548
FAX: (503) 234-0677
INC. WWW.MFA-ENG.COM
CONTACT: Gary Adovnik

PERMIT SET

Issue:	date:
50% DD	04.30.2018
100% DD	06.18.2018
50% CD	08.03.2018
PERMIT SET	09.17.2018

revision: date:

title:
FLOOR PLAN
LEVEL 4

sheet:

T3.04

FIRE ALARM AND DETECTION SYSTEM SHOWN ON PLAN(S) ARE FOR DESIGN INTENT ONLY. THIS IS A DEFERRED SUBMITTAL SYSTEM REQUIRING THE CONTRACTOR TO COMPLETE THE PERMIT READY DESIGN AND CALCULATIONS AS REQUIRED PER THE AUTHORITY HAVING JURISDICTION. VERIFY BUILDING OCCUPANCY TYPE AND OCCUPANT LOAD WITH ARCHITECTURAL PLANS.

AA

1

2

3

4

5

6

21

7

22

8

9

23

10

11

12

13

J21

K

Z2

NOTES:

1. PROVIDE SMART PANEL PER UTILITY REQUIREMENTS.
2. COORDINATE LOCATION(S) OF ALL DUCT DETECTORS WITH MECHANICAL PLANS.
3. 4" CONDUIT WITH ACCESS AT EACH FLOOR FOR FUTURE "DAS" SYSTEM. PER CODE REQUIREMENTS.

GENERAL NOTES:

- A. FOR VOICE/DATA OUTLETS PROVIDE A SINGLE GANG MUD-RING WITH A 1" CONDUIT FROM THE TOP OF THE MUD-RING TO ACCESSIBLE CEILING SPACE. TERMINATE CONDUIT WITH END CONNECTORS AND THREAD ON PLASTIC BUSHING FOR CABLE PROTECTION. OUTLET SHALL BE AT THE SAME HEIGHT AS ADJACENT POWER OUTLET AND LESS THAN 18" SEPARATION. COORDINATE WITH ELECTRICAL.
- B. COORDINATE ALL DEVICE LOCATIONS WITH LATEST ARCHITECTURAL INTERIOR ELEVATIONS TO VERIFY DEVICES WILL NOT BE OBSTRUCTED.
- C. PROVIDE PULL STRING IN ALL CONDUITS FOR LATER USE.
- D. ALL PENETRATIONS THROUGH FIREWALLS WILL NEED FIRESTOP OF THE APPROPRIATE RATING.

1
T3.04
FLOOR PLAN - LEVEL 4
1/8" = 1'-0"