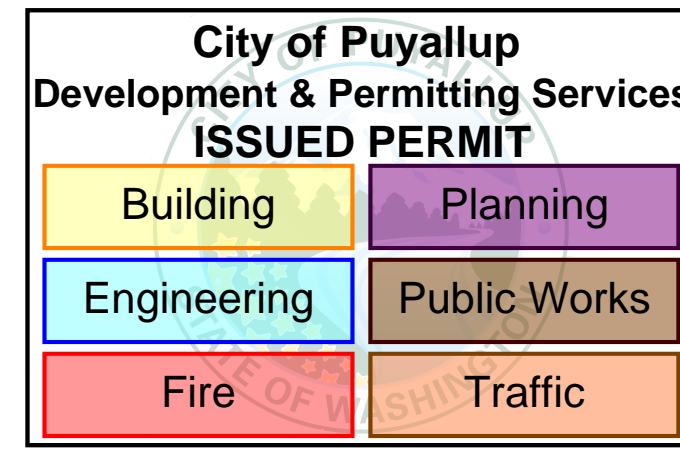


ALL EQUIPMENT ON SHEET M-C.2 IS EXISTING



ID	BRAND NAME	MODEL NUMBER	AREA SERVED	V/PH	MCA	WEIGHT
BCC-1	mitsubishi	CMB-P106NU-J1	OHP-1	208/230/1	.38/.44	64 LBS
BCC-2	mitsubishi	CMB-P104NU-J1	OHP-2	208/230/1	.55/.65	58 LBS

ID	BRAND NAME	MODEL NUMBER	FAN SPEED	CFM	SP	HP/AMP	V/PH	SOUND RATING	LOCATION	WEIGHT
ERV-1	LOSSNAY	LGH-F470	SP3	355	.34	3.10	208/230/1	30 dB	1ST FLOOR	110 LBS
ERV-2	LOSSNAY	LGH-F300	SP4	300	.46	2.05	208/230/1	34 dB	2ND FLOOR	75 LBS

ID	BRAND NAME	MODEL NUMBER	CFM	SP	HP/AMP	FLOW	V/PH	SOUND RATING	DUCT	LOCATION
EF-1	BROAN	L200	187	.375	1.8	CV	120/10	2.7 SONES	8"Ø	LUNCH 106
EF-2	BROAN	L200	187	.375	1.8	CV	120/10	2.7 SONES	8"Ø	MENS 108
EF-3	NUTONE	AEN110	92	.25	0.3 A	CV	115/10	1.3 SONES	4"Ø	WOMENS 109
EF-4	NUTONE	AEN110	92	.25	0.3 A	CV	115/10	1.3 SONES	4"Ø	MENS 128
EF-5	BROAN	L200	187	.375	1.8	CV	120/10	2.7 SONES	8"Ø	WOMENS 127
EF-6	NUTONE	AEN110	92	.25	0.3 A	CV	115/10	1.3 SONES	4"Ø	TRAINING ROOM 122
EF-7	NUTONE	AEN110	92	.25	0.3 A	CV	115/10	1.3 SONES	4"Ø	TRAINING ROOM 122

ID	BRAND NAME	MODEL NUMBER	AREA SERVED	SERVED BY	CAPACITY (MHB)		CFM	S.P.	ELECTRICAL			WEIGHT (LBS)
					HEATING	COOLING			V/PH	MCA	MOCP	
FCU-01	MITSUBISHI	PLFY-P08NFMU-E	OFFICE 103	OHP-1	9,000	8,000	315	-	208/230/1	.28 A	15 A	28.9 LBS
FCU-02	MITSUBISHI	PEFY-P24NMAU-E3	LOBBY 100/CONFERENCE 104	OHP-1	27,000	24,000	883	.60	208/230/1	2.73 A	15 A	67 LBS
FCU-03	MITSUBISHI	PEFY-P18NMAU-E3	BREAKROOM 105	OHP-1	20,000	18,000	600	.60	208/230/1	1.56 A	15 A	58 LBS
FCU-04	MITSUBISHI	PEFY-P18NMAU-E3	OPEN OFFICE 101	OHP-1	20,000	18,000	600	.60	208/230/1	1.56 A	15 A	58 LBS
FCU-05	MITSUBISHI	PEFY-P18NMAU-E3	OPEN OFFICE 101	OHP-1	20,000	18,000	600	.60	208/230/1	1.56 A	15 A	58 LBS
FCU-06	MITSUBISHI	PEFY-P24NMAU-E3	OPPEN OFFICE 200	OHP-2	27,000	24,000	883	.60	208/230/1	2.73 A	15 A	67 LBS
FCU-07	MITSUBISHI	PEFY-P30NMAU-E3	OPPEN OFFICE 200	OHP-2	34,000	30,000	883	.60	208/230/1	2.73 A	15 A	67 LBS
FCU-08	MITSUBISHI	PEFY-P30NMAU-E3	OPPEN OFFICE 200	OHP-2	34,000	30,000	883	.60	208/230/1	2.73 A	15 A	67 LBS

ID	BRAND NAME	MODEL NUMBER	AREA SERVED	COOLING CAPACITY BTU/H	HEATING CAPACITY BTU/H	VOLTAGE/PHASE	LIQUID LINE	GAS LINE	EER	IEER	MCA	MOCP	WEIGHT	LOCATION & NOTES
CU-1	MITSUBISHI	PURY-P72TNU-A	1ST FLOOR	72,000	80,000	208/230/3	5/8"	3/4"	13.1/14.7	23.8/29.2	24	40/35	519 LBS	ROOF MOUNTED
CU-2	MITSUBISHI	PURY-P72TNU-A	2ND FLOOR	72,000	80,000	208/230/3	5/8"	3/4"	13.1/14.7	23.8/29.2	24	40/35	519 LBS	ROOF MOUNTED

ID	BRAND NAME	MODEL NUMBER	COOLING (BTUH)		SEER	VOLTAGE/PHASE	MCA	MOCP	WEIGHT
			MINIMUM	RATED					
OAC-1	MITSUBISHI	PUY-A12NKA7	5,800	12,000	20.8	208/230/1	11	28	92 LBS
IAC-1	MITSUBISHI	PKA-A12HA7	-	-	-	-	-	1.0	29 LBS

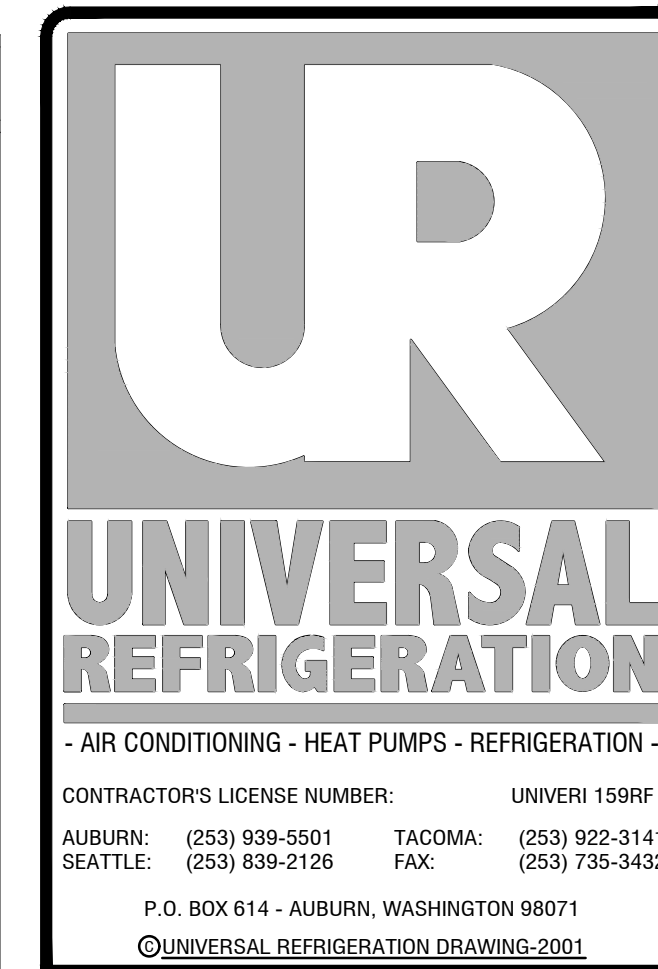
AFF	ABOVE FINISHED FLOOR
BDD	BACKDRAFT DAMPER
BTUH	BRITISH THERMAL UNIT PER HOUR
CD	CEILING DIFFUSER
CFM	CUBIC FEET PER MINUTE
CU	CONDENSING UNIT
DB	DECIBEL
DH	DUCT HEATER
DOAS	DEDICATED OUTSIDE AIR SYSTEM
DN	DOWN
EC	EVAPORATOR COIL
EER	ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN
EG	EXHAUST GRILLE
ERV	ENERGY RECOVERY VENTILATOR
ESP	EXTERNAL STATIC PRESSURE
EXH	EXHAUST
FCU	FAN COIL UNIT
FD	FIRE DAMPER, FLOOR DRAIN
PFM	FEET PER MINUTE
FSD	FIRE AND SMOKE DAMPER
GA	GAUGE
GF	GAS FURNACE
GRD	GRILLE, REGISTER, DIFFUSER
HP	HORSEPOWER, HEAT PUMP
ID	INSIDE DIMENSION
IHP	INDOOR (SECTION) HEAT PUMP
IRH	INFRARED HEATER
KW	KILOWATT
MBH	THOUSAND BTU PER HOUR
MCD	MOTORIZED CONTROL DAMPER
NC	NOISE CRITERIA
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OBD	OPPOSED BLADE DAMPER
OC	ON CENTER
OD	OUTSIDE DIMENSION OR DIAMETER
OHP	OUTDOOR HEAT PUMP
OSA	OUTSIDE AIR
OSCI	OWNER SUPPLIED CONTR. INSTALLED
POC	POINT OF CONNECTION
RA	RETURN AIR
RAG	RETURN AIR GRILLE
RPM	REVOLUTIONS PER MINUTE
RTU	ROOFTOP UNIT
SA	SUPPLY AIR
SG	SUPPLY GRILLE
SP	STATIC PRESSURE
SSG	SIWALL SUPPLY GRILLE
TBD	TO BE DETERMINED
TG	TRANSFER GRILLE
TYP	TYPICAL
UH	UNIT HEATER
VFD	VARIABLE FREQUENCY DRIVE
VTR	VENT TO ROOF
VVT	VARIABLE VOLUME AND TEMPERATURE

	INLINE EXHAUST FAN(S)
	ROOFTOP EXHAUST FAN
	SIWALL EXHAUST FAN
	VAV FAN BOX
	CEILING EXHAUST FAN
	GAS METER
	VVT DAMPER
	THERMOSTAT
	T-BAR SUPPLY DIFFUSER
	T-BAR RETURN GRILLE
	HARDLID SUPPLY DIFFUSER
	HARDLID RETURN GRILLE
	FIRE DAMPER
	FIRE SMOKE DAMPER
	VOLUME DAMPER
	SMOKE DETECTOR
	FLEXIBLE DUCT SA/RA
	ROUND DUCT UP
	ROUND DUCT DOWN
	DIFFUSER TAG

RM #	AREA (SF)	OSA (CFM/SF)	OCCUPANT DENSITY #/1,000 FT	OSA (CFM/PERSON)	TOTAL OSA (CFM)	OSA PROVIDED (CFM)
100	300	.06	3	5	33	45
101	1,266	.06	7	5	111	120
103	192	.06	2	5	22	15
104	285	.06	15	5	93	100
105	338	.06	9	5	66	75
TOTAL MINIMUM OSA (CFM)					325	355

RM #	AREA (SF)	OSA (CFM/SF)	OCCUPANT DENSITY #/1,000 FT	OSA (CFM/PERSON)	TOTAL OSA (CFM)	OSA PROVIDED (CFM)
200	2,678	.06	14	5	231	300
TOTAL MINIMUM OSA (CFM)					231	300

*NOTE: VENTILATION PROVIDED THROUGH MECHANICAL HVAC SYSTEMS.



REV.	DATE	REVISION DESCRIPTION
1	6/23/22	STRUCTURAL COORDINATION
2	6/23/22	PERMIT ISSUE

PROJECT TITLE:
RED DOT T.I. - PUYALLUP LOGISTICS
 2504 EAST MAIN AVE. PUYALLUP, WA. 98372

PRINT/PLOT DATE:	6/23/22
DRAFTER:	ARW
DESIGNER:	HH
PROJECT MANAGER:	HH
JOB NUMBER:	22xxx

SHEET NUMBER:
M-C.2

PENDING CITY APPROVAL

NOTE: These plans are diagrammatical only. Please verify all dimensions at job site.



2

2

City of Puyallup
 Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

FIRST FLOOR HVAC PLAN
 SCALE: 1/4" = 1'-0"

PENDING CITY APPROVAL

NOTE: These plans are diagrammatical only. Please verify all dimensions at job site.

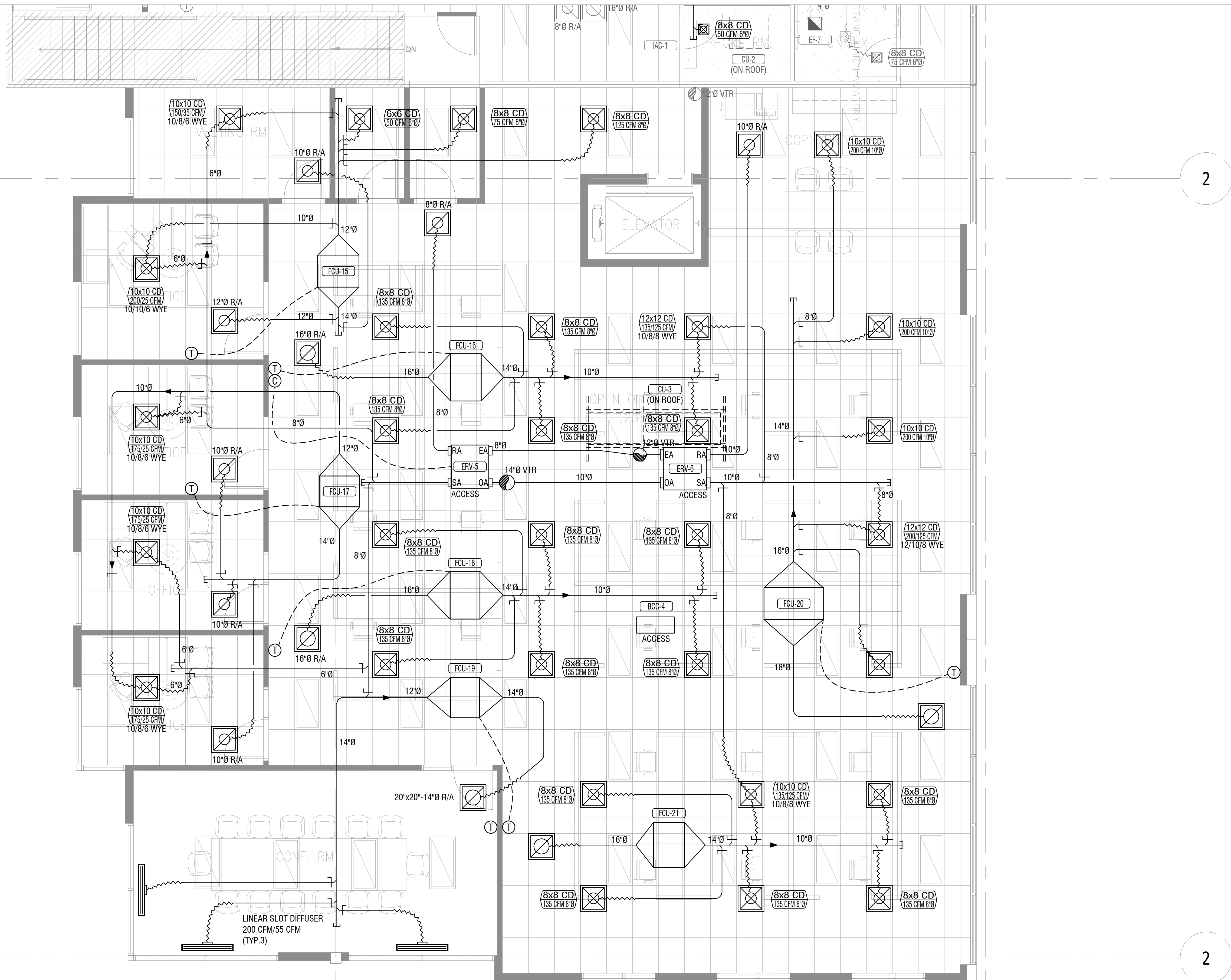
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M-1



2

2

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

SECOND FLOOR HVAC PLAN
SCALE: 1/4" = 1'-0"

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M-3

B

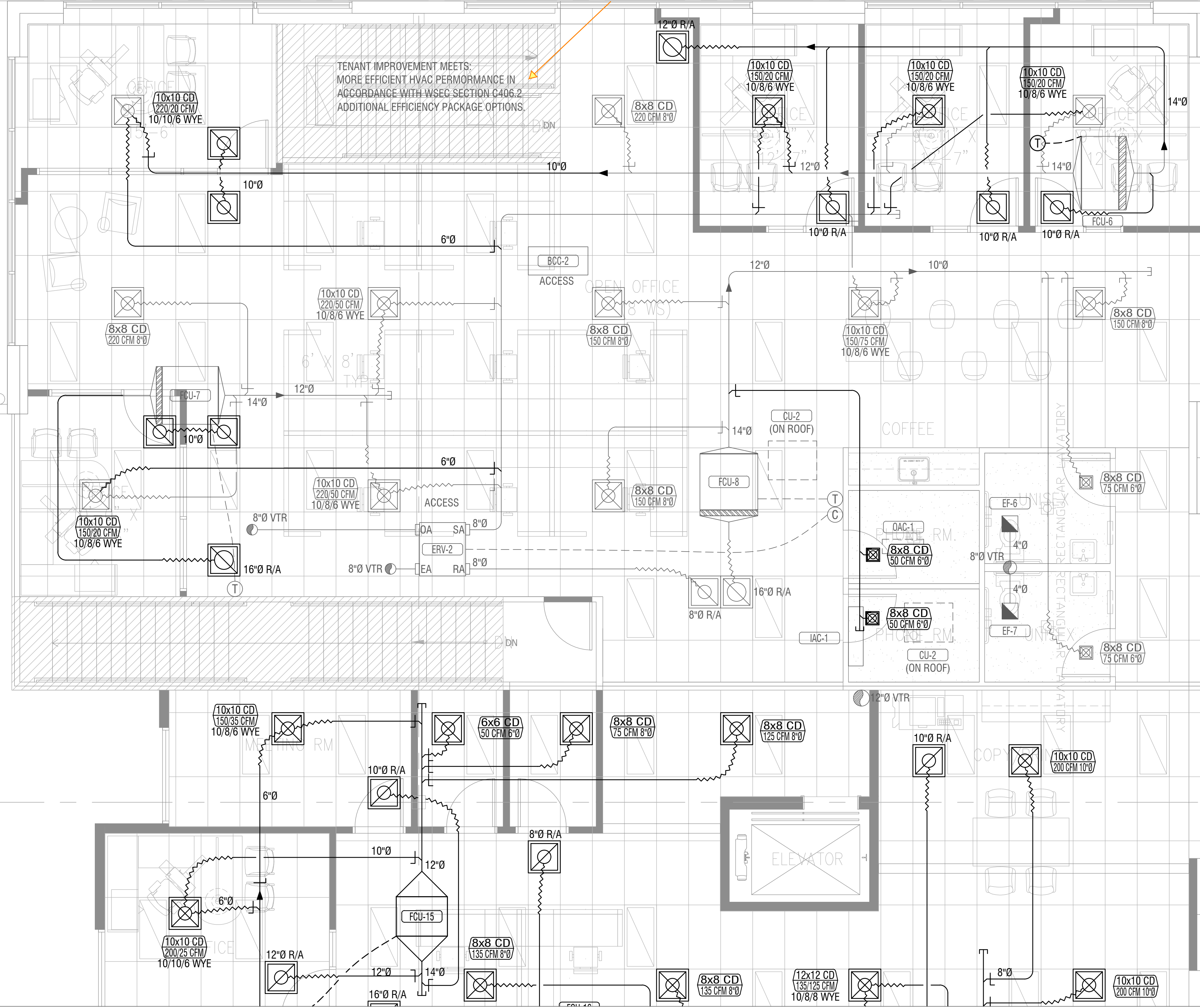
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M-3 - PROVIDE 2018 WSEC COMPLIANCE FORM FOR MECHANICAL.

TENANT IMPROVEMENT MEETS MORE EFFICIENT HVAC PERFORMANCE IN ACCORDANCE WITH WSEC SECTION G406.2 ADDITIONAL EFFICIENCY PACKAGE OPTIONS.



City of Puyallup
Development & Permitting Services
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Building	Planning
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Fire	Traffic

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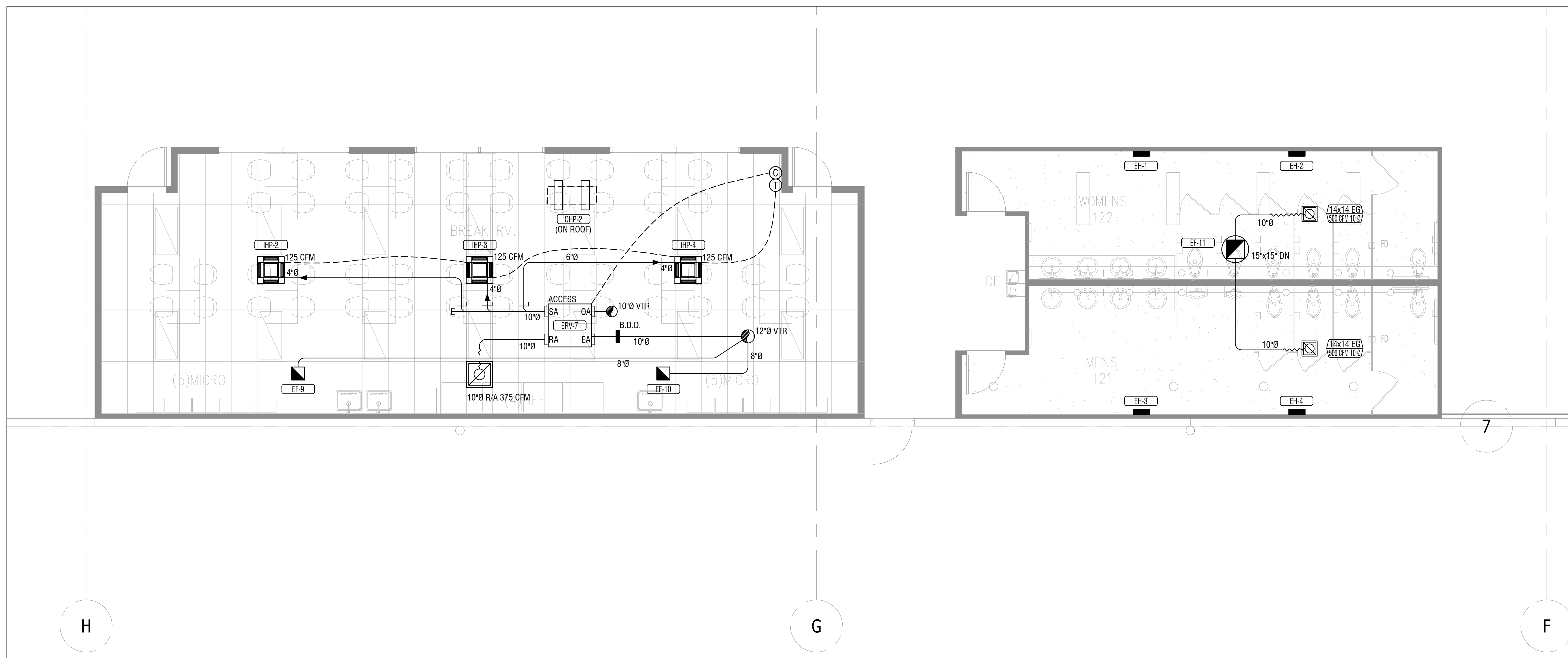
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SHEET NUMBER:	

M-4



SATELLITE OFFICE/R.R. HVAC PLAN
SCALE: 1/4" = 1'-0"

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

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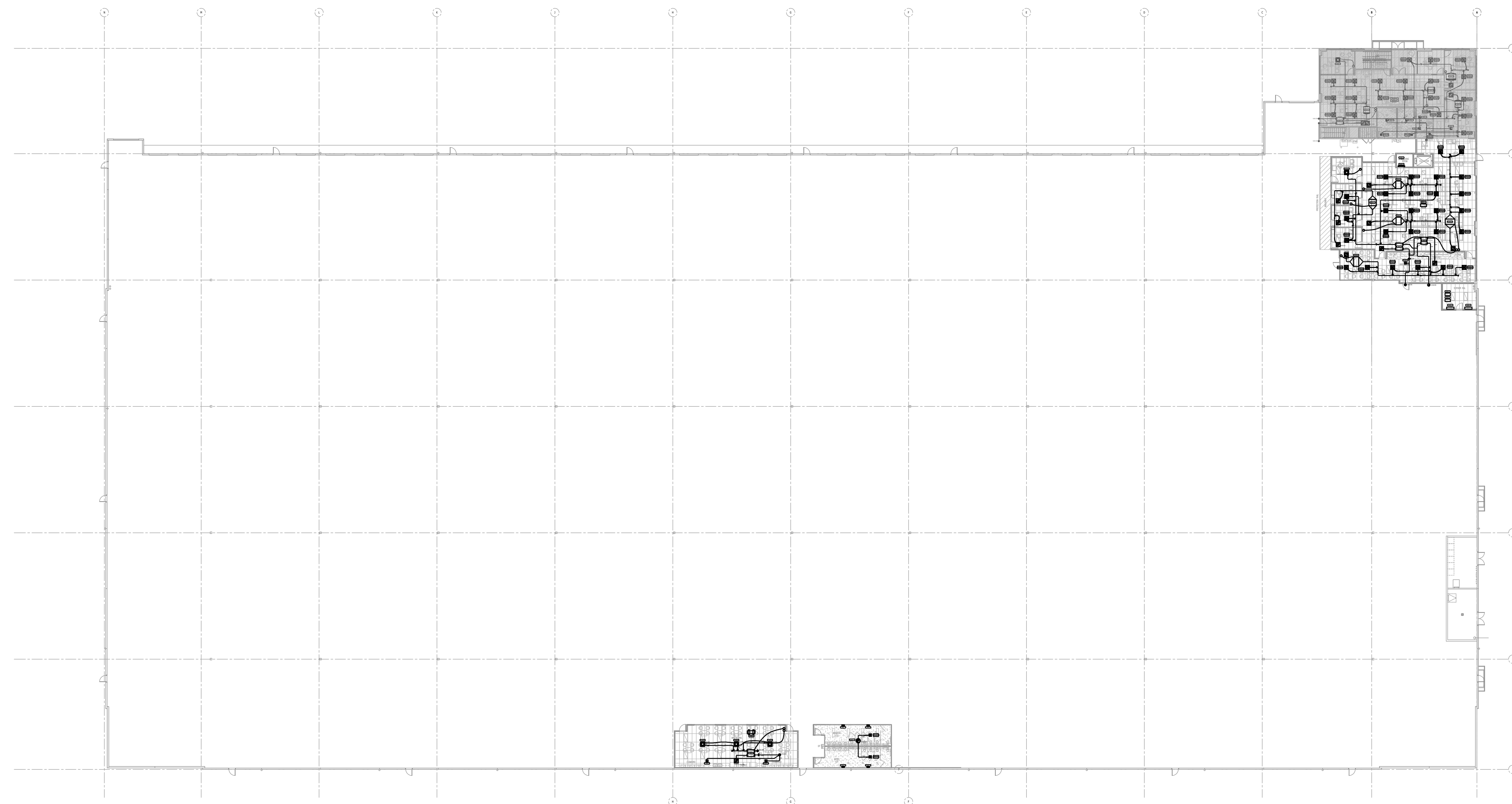


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AREA OF WORK PLAN
SCALE: 1" = 30'-0"

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