

NOTES:  
 1. ALL DUCT FITTINGS TO DIFFUSERS SHALL BE FULL SIZE OF DIFFUSER NECK UNLESS NOTED OTHERWISE.  
 2. SPRAY ABOVE CEILING IS A RETURN AIR PLenum. ALL MATERIALS MOUNTED ABOVE CEILING MUST BE NON-COMBUSTIBLE & PLenum RATED.

1 FIRST FLOOR PLAN

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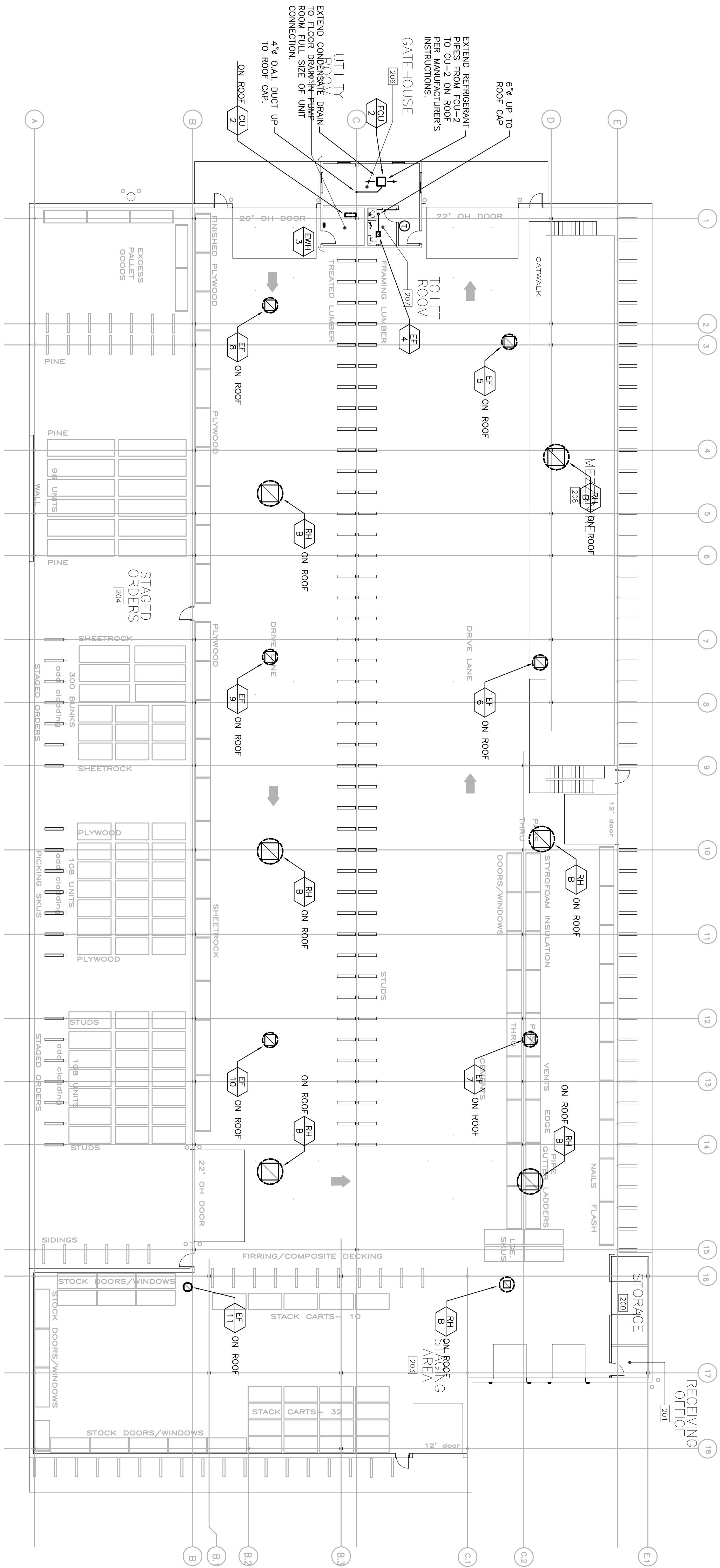
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#	Description	Date
1	ISSUED FOR PERMIT	08/03/07

Retail Building  
 HVAC Plan

DRAWING NO.  
 H1



1 FLOOR PLAN

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#	Description Date
1	ISSUED FOR PERMIT 06/03/07
2	
3	
4	
5	

Warehouse  
Building  
HVAC Plan

DRAWING NO.  
H2

FAN COIL UNITS SCHEDULE (COOLING ONLY/DX)														
TAG	CFM	OA CFM	ESP (IN)	COIL DATA				REFR. TYPE	MCA	MOCP	FAN MOTOR F.L.A.	POWER (V/PH/Hz)	MANUFACTURER/ MODEL	REMARKS
				TOT. MBH COOLING	SENS. MBH COOLING	EAT DB/MB (°F)	LAT DB/MB (°F)							
FCU-1	226	-	-	8.5	6.2	75/63	50/49	R-22	-	-	0.37	115/1/60	MITSUBISHI / MS091W	-
FCU-2	525	50	18.3	18.3	14.6	76/64	51/50	R-22	0.6/9/4	15/15	0.44	208/1/60	CARRIER / 40KCE24-3	SEPARATE CIRCUITS FOR FAN & HEATER

ROOFTOP AIR CONDITIONING SCHEDULE														
TAG	SERVICE	CFM	MIN. OA CFM	EAP (DB/MB)	SENS. COOLING CAPACITY (MBH)	TOTAL COOLING CAPACITY (MBH)	ESP	HEATING MBH		POWER (V/PH/Hz)	MCA	MFA	MANUFACTURER/MODEL	ACCESSORIES
								INPUT	OUTPUT					
RTU-1	ENTRY/ PERMITTER	4000	270	76/64	93.3	127.2	0.5	180	147	208/2/60	49.4	60	CARRIER / 48TMD012	NOTES 1, 2, 3, 4, 5, 6, 7, 9, 10, & 11
RTU-2	WALLOWS ROOMS / KITCHENS	7000	705	76/64	188.0	247.0	0.5	365	296	208/2/60	87.0	110	CARRIER / 48TME20	NOTES 1, 2, 3, 4, 5, 6, 8, 9, 10, & 11
RTU-3	KITCHENS	2000	240	76/64	46.9	65.6	0.5	115	91	208/2/60	32.1	40	CARRIER / 48TME06	NOTES 1, 2, 3, 4, 5, 6, 7, 9, 10, & 11

- NOTES:
- ECONOMIZER & BAROMETRIC RELIEF WITH CONTROLLER.
  - RECORD THE UNIT'S LOCATION AND IDENTIFY THE UNIT.
  - HINGED ACCESS PANEL.
  - UNIT MOUNTED DISCONNECT.
  - TRU- THE BOTTOM UTILITY CONNECTIONS (COORDINATE WITH OTHER TRADES).
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  - "HUMID-AWZER" DEHUMIDIFICATION SYSTEM.
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  - "MOISTURE-MISER" DEHUMIDIFICATION PACKAGE.
  - ULTRAVIOLET LAMP.
  - UNIT SHALL SHUT DOWN UPON THE ACTIVATION OF THE FIRE/SMOKE ALARM SYSTEM.
  - TERMINOLOGY.

EXHAUST FAN SCHEDULE											
TAG	CFM (N.W.C.)	RPM	POWER	DRIVE	ELECTRICAL		MANUFACTURER/MODEL	REMARKS			
					V	PH HZ					
EF-1	100	0.2	990	80W	DIRECT	115	1	60	GREENHECK / SP-B110	INTERLOCK WITH LIGHTS	
EF-2	100	0.2	990	80W	DIRECT	115	1	60	GREENHECK / SP-B110	INTERLOCK WITH LIGHTS	
EF-3	130	0.2	1300	1/80HP	DIRECT	115	1	60	GREENHECK / G-095-G	PROVIDE TIMELOCK	
EF-4	100	0.2	990	80W	DIRECT	115	1	60	GREENHECK / SP-B110	INTERLOCK WITH LIGHTS	
EF-5	6000	0.2	1725	HHP	BELT	208	3	60	GREENHECK / GB-240-10	PROVIDE CO DETECTOR	
EF-6	6000	0.2	1725	HHP	BELT	208	3	60	GREENHECK / GB-240-10	PROVIDE CO DETECTOR	
EF-7	6000	0.2	1725	HHP	BELT	208	3	60	GREENHECK / GB-240-10	PROVIDE CO DETECTOR	
EF-8	6000	0.2	1725	HHP	BELT	208	3	60	GREENHECK / GB-240-10	PROVIDE CO DETECTOR	
EF-9	6000	0.2	1725	HHP	BELT	208	3	60	GREENHECK / GB-240-10	PROVIDE CO DETECTOR	
EF-10	6000	0.2	1725	HHP	BELT	208	3	60	GREENHECK / GB-240-10	PROVIDE CO DETECTOR & TIMELOCK	
EF-11	300	0.2	1725	1/4HP	BELT	115	1	60	GREENHECK / GB-091-4	PROVIDE TIMELOCK	
EF-12	100	0.2	990	80W	DIRECT	115	1	60	GREENHECK / SP-B110	WALL MOUNTED ON/OFF SWITCH	

ELECTRIC HEATER SCHEDULE							
UNIT NO.	MANUFACTURER	MODEL NO.	QUANTITY	BTU/HR	WATTS	VOLTAGE (V/PH/Hz)	COMMENTS
EH-1	QMARK	CWH120805	1	6826	2000	208/1/60	NOTES 1, 2, 3 & 4
EH-2	QMARK	CWH120805	1	6826	2000	208/1/60	NOTES 1, 2, 3 & 4
EH-3	QMARK	CWH120805	1	6826	2000	208/1/60	NOTES 1 & 2
EH-4	QMARK	CF-558	1	17.1	5	208/2/60	NOTE 1

- NOTES:
- PROVIDE UNIT MOUNTED POWER DISCONNECT SWITCH
  - PROVIDE BUILT-IN THERMOSTAT WITH TAMPERPROOF COVER PLATE
  - PROVIDE RECESSED WALL BOX.
  - UNIT SHALL BE FULLY RECESSED IN WALL

**GRILLES, REGISTERS & DIFFUSERS SCHEDULE**

TAG	DIFFUSER/GRILLE TYPE	CFM RANGE	NECK INLET SIZE	SIZE	MANUFACTURER/MODEL	REMARKS
SD-1	CEILING SUPPLY DIFFUSER	0-330	10"ø	24x24	TTUS / TMS	-
SD-2	CEILING SUPPLY DIFFUSER	0-130	6"ø	24x24	TTUS / TMS	-
LD-1	LINEAR SLOT DIFFUSER	0-180	12"ø	4'	TTUS / ML-39 W/ MP-39	2 SLOTS
LD-2	LINEAR SLOT DIFFUSER	0-115	10"ø	2'	TTUS / ML-39 W/ MP-39	2 SLOTS
RC-1	RETURN GRILLE	0-1875	-	-	TTUS / 25RL	-

**POWERED VAV DIFFUSER SCHEDULE**

TAG	DIFFUSER/GRILLE TYPE	CFM RANGE	NECK INLET SIZE	SIZE	MANUFACTURER/MODEL	REMARKS
VAVD	CEILING, THERMALLY POWERED	50-160	6"ø	24x24	COURTNEY / THERM-FUSER	-

**GRAVITY VENTILATOR SCHEDULE**

TAG	CFM	SP	DAMPER SIZE	DAMPER TYPE	MANUFACTURER / MODEL	REMARKS
RI-A	130	0.03	8x8	GRAVITY	GREENHECK / GRS-8	DAMPER SHALL BE NORMALLY CLOSED
RI-B	6000	0.06	48x48	GRAVITY	GREENHECK / GRS-48	DAMPER SHALL BE NORMALLY CLOSED
RI-C	300	0.04	10x10	GRAVITY	GREENHECK / GRS-10	DAMPER SHALL BE NORMALLY CLOSED

**CONDENSING UNITS SCHEDULE**

TAG	NOM. CAP.	POWER (V/PH/Hz)	MFA	MCA	MANUFACTURER/MODEL
CU-1	3/4 TON	115/1/60	15	11.0	MITSUBISHI / MU091W
CU-1	1/2 TON	208/1/60	15	10.7	CARRIER / 38HCO18

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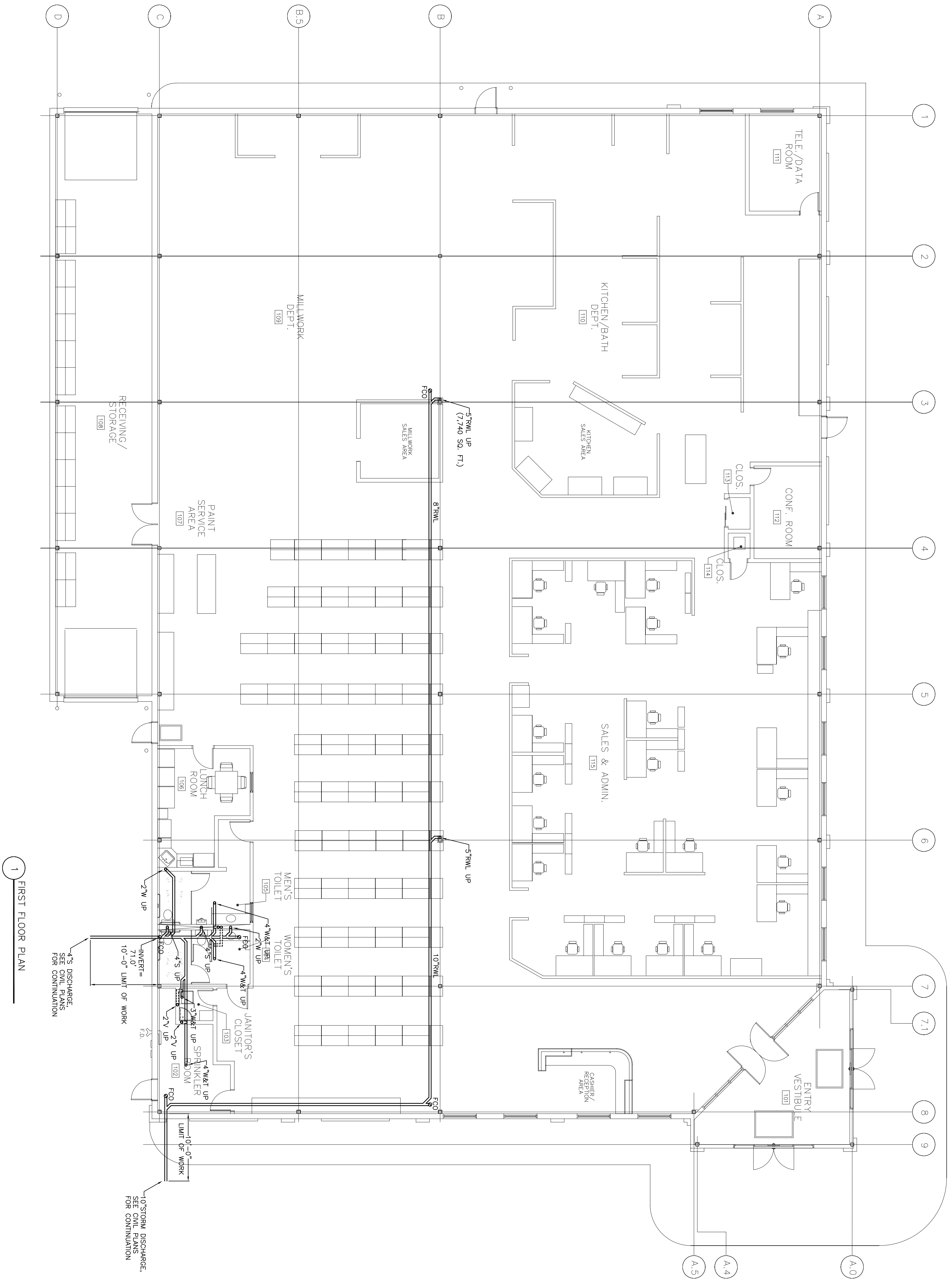
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-	ISSUED FOR PERMIT	06/03/07

Warehouse & Retail HVAC SCHEDULES

H3

DRAWING NO.



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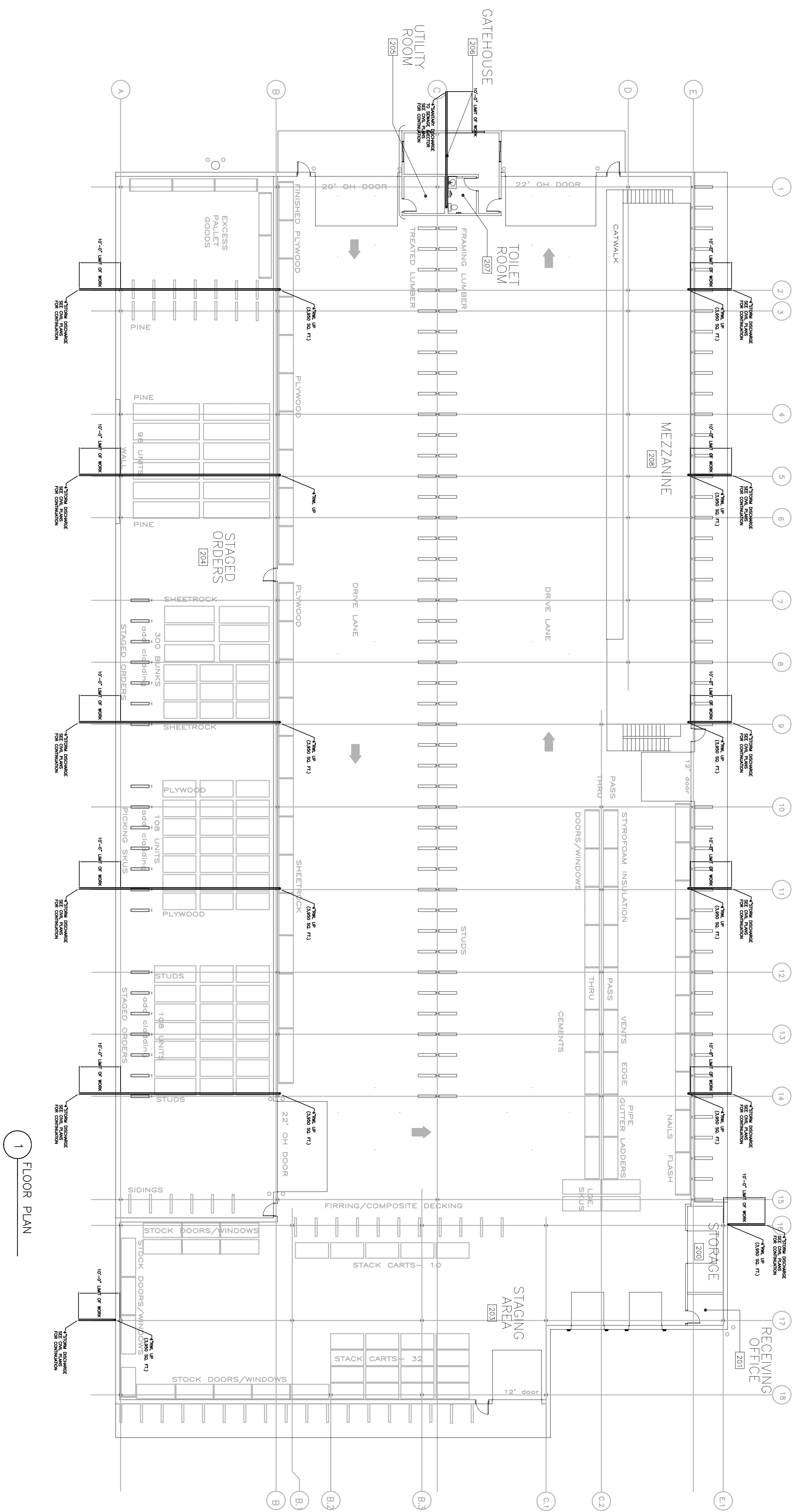
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Retail Building  
UNDERGROUND  
PLUMBING Plan

DRAWING NO.  
P0





1 FLOOR PLAN

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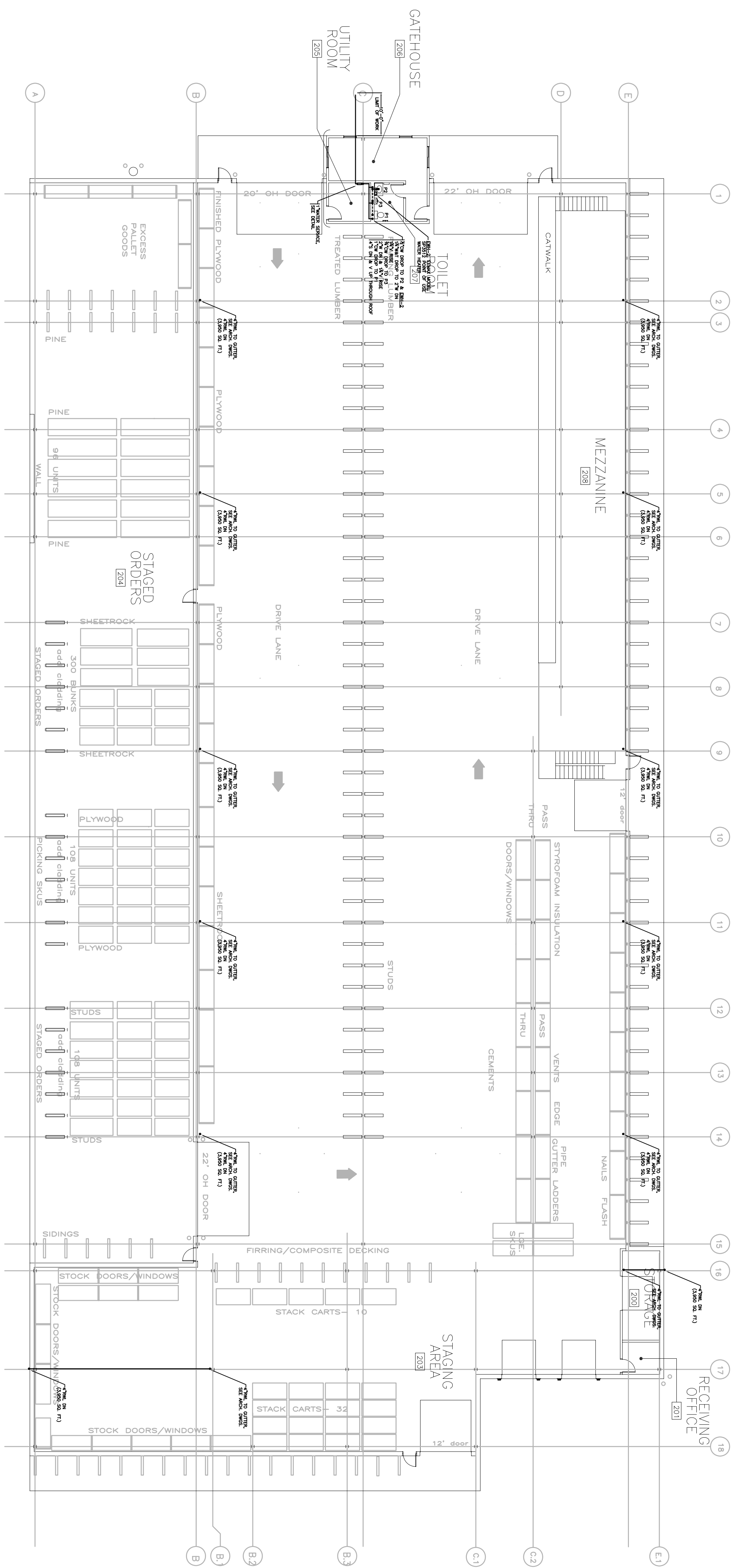
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1	ISSUED FOR PERMIT	06/03/07
2	REVISIONS	

Warehouse Building  
UNDERGROUND PLUMBING Plan

DRAWING NO.  
P2



1 FLOOR PLAN

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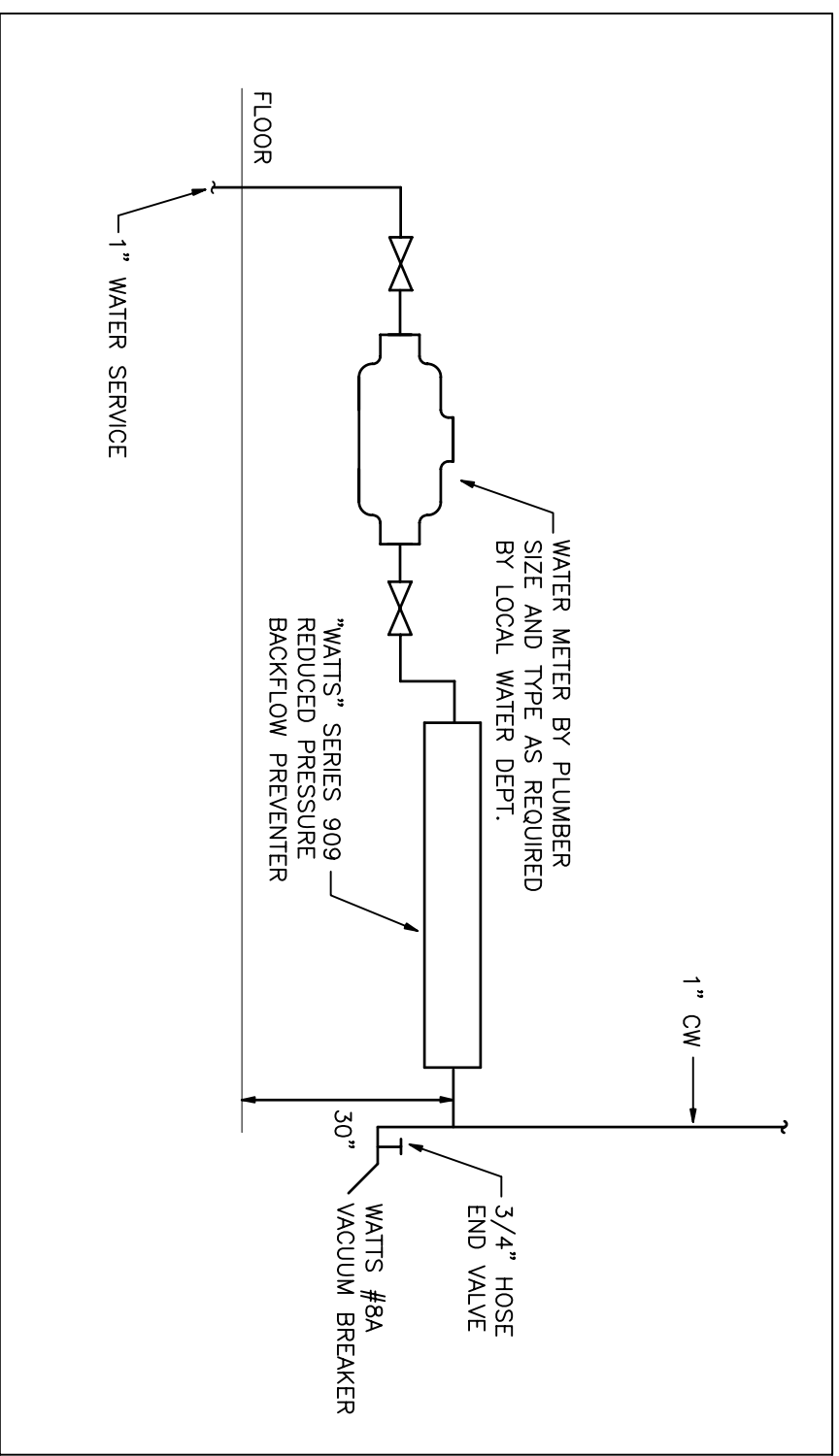
Warehouse Building  
PLUMBING Plan

DRAWING NO.  
P3

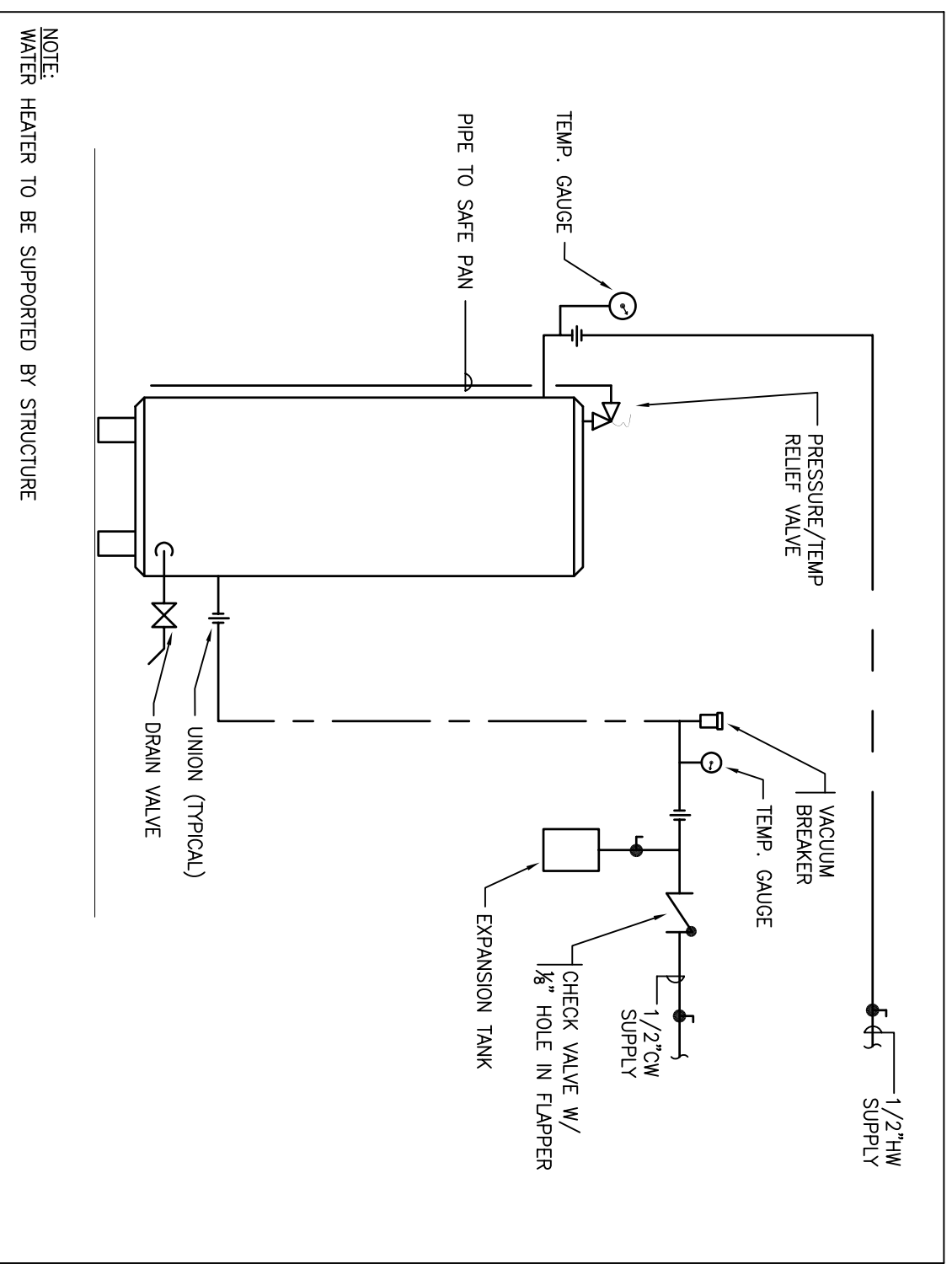
PLUMBING FIXTURE SPECIFICATION SCHEDULE

DESIGNATION	FIXTURE SYMBOL	MANUFACTURER	FITTING			CARRIER	LOCATION	REMARKS
			MODEL	TYPE	SIZE			
SEE ARCHITECTURAL PLANS & SPECIFICATIONS FOR PLUMBING FIXTURE SELECTIONS								

DOMESTIC WATER SERVICE DETAIL



ELECTRIC WATER HEATER DETAIL



NOTE:  
WATER HEATER TO BE SUPPORTED BY STRUCTURE

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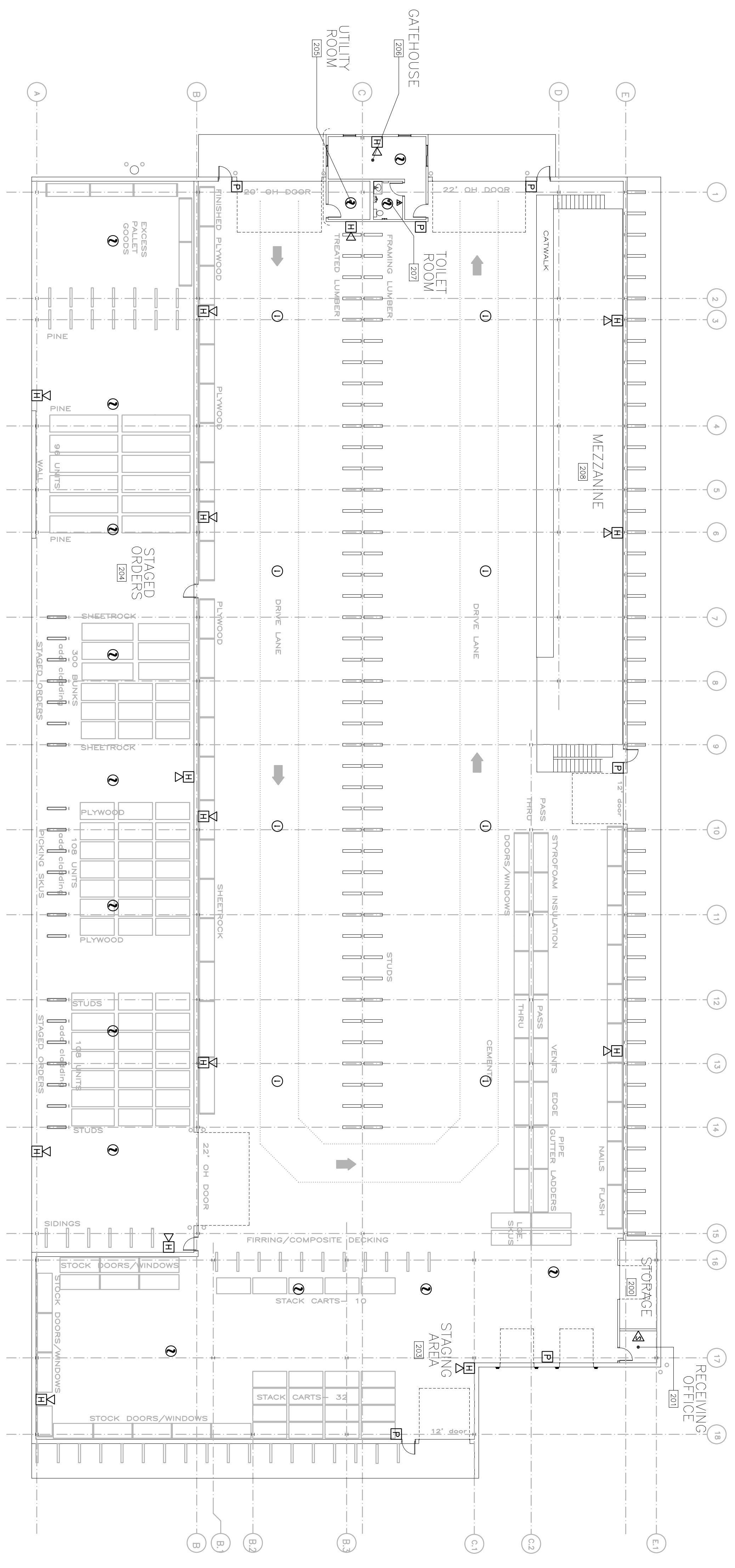
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Warehouse & Retail  
PLUMBING DETAILS

DRAWING NO.  
P4







1 FLOOR PLAN

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#	Description	Date
1	ISSUED FOR PERMIT	08/03/07

Warehouse Building  
**FIRE ALARM PLAN**

FA1

