

BUILDING LIMITATIONS
 EXISTING CONSTRUCTION- TYPE V-B NOT SPRINKLERED
 $A = A_1 + A_2 + A_3$ ALLOWABLE AREA INCREASE PER CBC 2007 SECTION 505.1
 $A = 13,500$ SF PER CBC 2007 TABLE 503 FOR OCCUPANCY GROUP S-2
 $h = 0$
 $h = (FVP - 0.25) \times \text{WID AREA INCREASE DUE TO FRONTAGE}$
 $F = 8 + 0.4 \times h + 0.127 \times 310 + 0.53 \times 70 + 0.17 \times 98 + 0.373 \times 302$ - BUILDING PERIMETER THAT FRONTS PUBLIC WAY OPEN SPACE MINIMUM 20' WIDTH. SEE SITE PLAN
 $P = 8 + 0.4 \times h + 0.127 \times 310 + 0.53 \times 70 + 0.17 \times 98 + 0.373 \times 302$ - ENTIRE BUILDING PERIMETER. SEE SITE PLAN
 $W = 30'$ PER SECTION 605.2.1 MAXIMUM ALLOWABLE WIDTH USED, BECAUSE BUILDING SURROUNDED BY MINIMUM 30' WIDTH PUBLIC OPEN SPACE IN THREE SIDES.
 $h = (382/585) \times 0.25 \times 195 = 0.4$
 $A = 13,500 + (13,500 \times 0.4) + (13,500 \times 0) = 18,900$ SF IS MAXIMUM ALLOWABLE AREA PER CBC 2007 SECTION 506.1
 ACTUAL BUILDING AREA: 8,525 SF + 6,700 SF = 15,225 SF
 ALLOWABLE AREA LIMITATION IS MET

- NOTES:**
- PER CBC 2007 SECTION 503.1.2 BUILDINGS ON SAME LOT SHALL BE CONSIDERED AS PORTIONS OF ONE BUILDING IF THE HEIGHT OF EACH BUILDING AND AGGREGATE AREA OF BUILDINGS ARE WITHIN THE LIMITATIONS OF TABLE 503 AS MODIFIED BY SECTIONS 504 AND 506. THE PROVISIONS OF THIS CODE APPLICABLE TO THE AGGREGATE BUILDING SHALL BE APPLICABLE TO EACH BUILDING.
 - PER CBC 503.3 EACH PORTION OF A BUILDING SHALL BE CLASSIFIED INDIVIDUALLY IN ACCORDANCE WITH SECTION 502.1 AND SHALL COMPLY WITH SECTION 508.3.1, 508.3.2, AND 508.3.3
 - PER CBC 2007 SECTION 508.1 ACCESSORY OCCUPANCIES: OFFICE OCCUPANCY GROUP 'B' OF THE BUILDING SHALL BE TREATED AS AN ACCESSORY OCCUPANCY TO THE MAIN OCCUPANCY GROUP 'S-2'. TOTAL GROUP 'B' OCCUPANCY EQUAL TO 1,241 SF, WHICH IS LESS THAN 10% OF THE AREA OF THE STORY IN WHICH THEY ARE LOCATED AND NOT EXCEED THE TABULAR VALUE IN TABLE 503 WITHOUT HEIGHT AND AREA INCREASES = 2,000 SF.
 - THE ALLOWABLE AREA AND HEIGHT OF THE BUILDING SHALL BE BASED ON THE ALLOWABLE AREA AND HEIGHT FOR THE MAIN OCCUPANCY PER CBC 2007 SECTION 503.1.1
 - NO SEPARATION IS REQUIRED BETWEEN ACCESSORY OCCUPANCIES OR THE MAIN OCCUPANCY PER CBC 2007 SECTION 508.1.3

CALCULATION FOR REQUIRED OFF STREET PARKING

BUILDING 'A'	COMMERCIAL BUILDING USED AS WAREHOUSE WITHOUT ANY MANUFACTURING:	6,700 SF
	PARKING RATIO:	2:000
	NUMBER OF REQUIRED STALLS:	3.35 STALLS
BUILDING 'B'	COMMERCIAL BUILDING USED AS WAREHOUSE WITHOUT ANY MANUFACTURING:	8,525 SF
	PARKING RATIO:	2:000
	NUMBER OF REQUIRED STALLS:	4.26 STALLS
BUILDING 'C'	COMMERCIAL BUILDING USED AS WAREHOUSE WITHOUT ANY MANUFACTURING:	10,538 SF
	PARKING RATIO:	2:000
	NUMBER OF REQUIRED STALLS:	5.3 STALLS
TOTAL NUMBER REQUIRED OFF STREET PARKING:		13 STALLS
TOTAL NUMBER PROVIDED OFF STREET PARKING:		25 STALLS

CALCULATION FOR ACCESSIBLE PARKING

TOTAL PARKING:	25 STALLS
PER CBC TABLE 110-4	REQUIRED ACCESSIBLE PARKING: 1 VAN ACCESSIBLE STALL
PROVIDED ACCESSIBLE PARKING:	1 VAN ACCESSIBLE STALL

- LEGEND**
- PROPERTY LINE
 - ACCESSIBLE PATH OF TRAVEL MINIMUM 48" WIDTH TO MAIN ENTRANCE SHALL COMPLY WITH CBC SECTIONS 113A.2, 1127B.1, 1127B.1, 1133B.1 AND 1132B.1.1. SLOPE ALONG ACCESSIBLE PATH OF TRAVEL FROM PUBLIC SIDEWALK SHALL BE LESS THAN 1:20 (5%) IN THE DIRECTION OF TRAVEL. THERE SHALL BE NO ABRUPT CHANGES IN LEVEL ALONG PATH OF TRAVEL.
 - PUBLIC RIGHT OF WAY
 - (13) NUMBERS OF PARKING STALLS

1 SITE PLAN
 SCALE: 1/16" = 1'-0"

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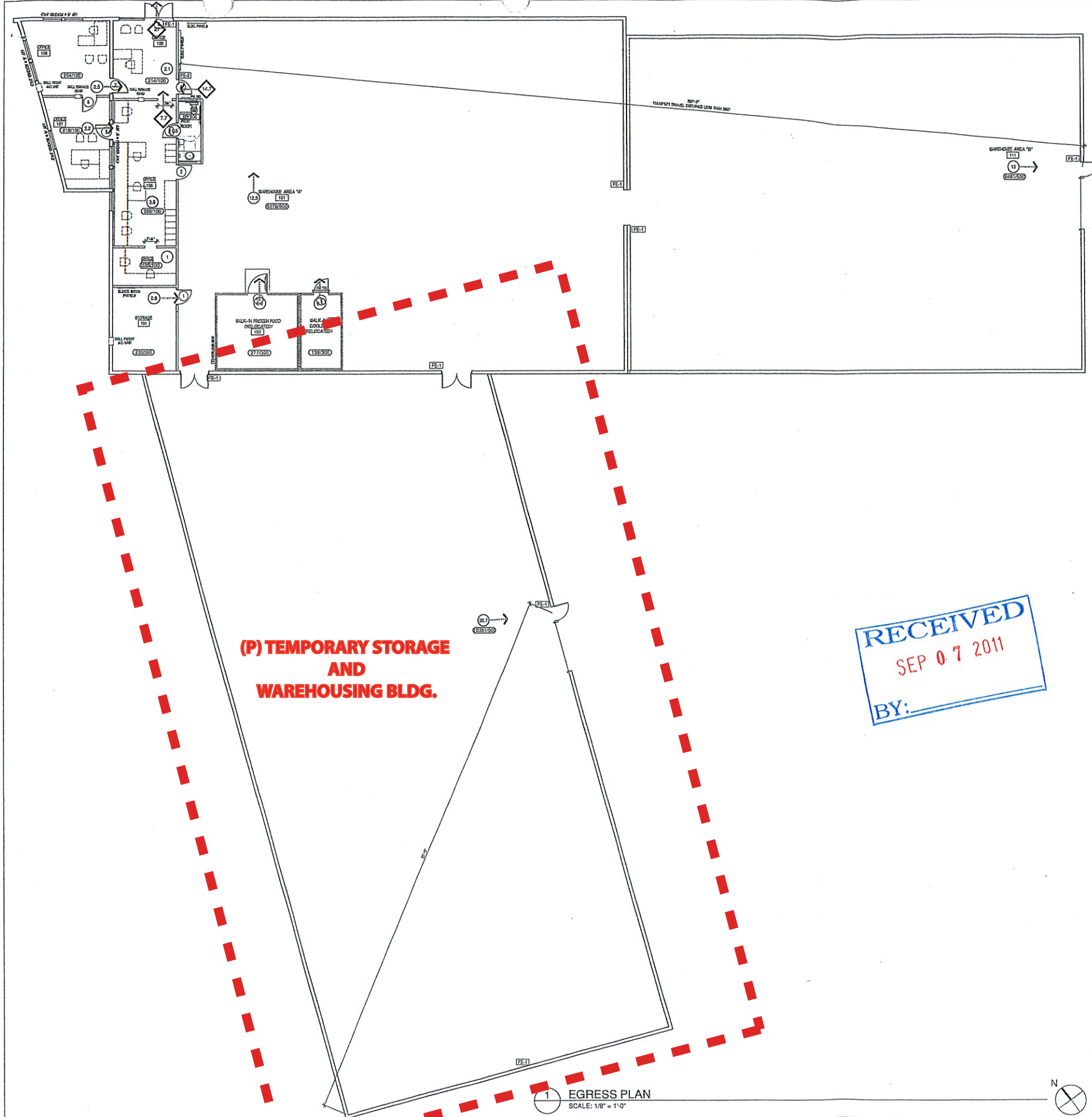
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SITE PLAN
 Approved by Owner/Date
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(P) TEMPORARY STORAGE AND WAREHOUSING BLDG.

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

LEGEND TO EXITING PLAN

- 2.5 OCCUPANT LOAD @ SINGLE ROOM
- 325 CUMULATIVE OCCUPANT LOAD @ PASSAGE OR DOOR
- EXIT DIRECTION
- AREA / LOAD FACTOR
- PATH OF TRAVEL
- FIRE EXTINGUISHER TYPE
 - LOCATION: MAX. TRAVEL DIST. NOT TO EXCEED 75 FEET FROM ANY POINT IN THE BLDG. TO AN EXTINGUISHER W/ MAX. CF OF 3,000 SF OF SURVEYED AREA.
 - EXTINGUISHER LOCATIONS ARE SUBJECT TO APPROVAL BY FIRE INSPECTOR AT FINAL INSPECTION

PLUMBING CODE COMPLIANCE CALCULATIONS

PER CPC 2007 TABLE 4-1 MINIMUM PLUMBING FACILITIES: THE OCCUPANT LOAD AND USE OF THE BUILDING UNDER CONSIDERATION SHALL BE ESTABLISHED USING THE OCCUPANT LOAD FACTOR TABLE "A" CPC 2007. THE MINIMUM NUMBER OF FIXTURES SHALL BE CALCULATED AT FIFTY (50) PERCENT MALE AND FIFTY (50) PERCENT FEMALE. FOR BUILDING WITH MIXED OCCUPANCIES, USE APPROPRIATE OCCUPANCY GROUP FOR EACH AREA. ACCESSORY AREAS MAY BE EXCLUDED (FOR EXAMPLE: HALLWAY, RESTROOMS)

GROUP "B" LOAD FACTOR - 200'

OFFICE 105	103 SF
OFFICE 106	389 SF
OFFICE 107	218 SF
OFFICE 108	254 SF
OFFICE 109	214 SF
TOTAL GROUP "B"	1178 SF

TOTAL OCCUPANTS GROUP "B" = 1178 / 200 = 5.8

GROUP "S" LOAD FACTOR - 5000'

AREA 101	8278 SF
AREA 102	277 SF
AREA 103	128 SF
AREA 104	230 SF
AREA 111	6481 SF
TOTAL GROUP "S"	13404 SF

TOTAL OCCUPANTS GROUP "S" = 13404 / 5000 = 2.7

TOTAL BUILDING OCCUPANCY = 8.6

PER CPC 2007 CHAPTER 412.3 SEPARATE FACILITIES: IN OCCUPANCIES SERVING 10 OR FEWER PEOPLE, ONE TOILET FACILITY, DESIGNED FOR USE BY NO MORE THAN ONE PERSON AT A TIME, SHALL SATISFY THE REQUIREMENTS FOR SERVING CUSTOMERS AND EMPLOYEES OF BOTH SEXES. A UNISEX FACILITY PROVIDED.

FIRE EXTINGUISHER SYSTEM

FIRE EXTINGUISHERS	1
FE-1 BRACKET-MOUNTED - 2A-10BC 5 LBS MULTI-PURPOSE DRY CHEMICAL TYPE	1
FE-2 BRACKET-MOUNTED - 10BC 10LBS CARBON DIOXIDE @ ELECTRICAL AREA	1

OCCUPANT LOAD CALCULATIONS

OFFICE AREA:	1,178 / 100 = 11.8
WAREHOUSE AREA:	12,787 / 500 = 25.5
STORAGE AREA:	845 / 500 = 1.7
TOTAL:	14,560 = 39.4

EXIT WIDTH REQUIRED: 39.4 x 0.2 = 7.88 INCHES
 EXIT WIDTH PROVIDED: 108 INCHES
 NUMBER OF EXITS REQUIRED: 2 EXITS
 NUMBER OF EXITS PROVIDED: 2 EXITS

ROOM NAMES

- 101 WAREHOUSE "A"
- 102 FREEZER W/ RAISED FACTORY FLOOR
- 103 COOLER
- 104 STORAGE
- 105 OFFICE
- 106 OFFICE
- 107 OFFICE
- 108 OFFICE
- 109 OFFICE
- 110 UNISEX RESTROOM
- 111 WAREHOUSE "B"

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