STAIR D - EGRESS TABLE					
BLDG. 4000	BLDG. 3000	TAL LEVEL	BLDG. 2000	JECT FL	
occu	PANCY	TOTAL PER LEVI	OCCUPANCY	PROJECT LEVEL	
27	-	27	÷	9	
27	-	27	-	8	
27	24	74	23	7	
27	24	74	23	6	
27	24	74	23	5	
18	24	65	23	4	
-	24	56	23	3	

VERTICAL EXIT CALCS. STAIR EGRESS OPENING REQUIREMENT WIDTH FOR 74 OCCUPANTS @ 0.3 VER. =

STAIR WIDTH PROVIDED = 52" DOOR EGRESS OPENING REQUIREMENT WIDTH FOR 74 OCCUPANTS@ 0.2 VER. =

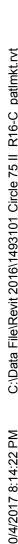
DOOR CLEAR OPENING PROVIDED = 34"

STAIR G - EGRESS TABLE				
PARKING DECK	TAL EVEL		PROJECT LEVEL	
OCCUPANCY	TOTAL PER LEVE	OCCUPANCY	PRO, LEV	
63	63		7	
63	63		6	
63	63		5	
63	63		4	
63	63		3	
63	63		2	
VERTICAL EXIT CALCS.				
STAIR EGRESS OPENING				

REQUIREMENT WIDTH FOR 63 OCCUPANTS @ 0.3 VER. = 18.9" STAIR WIDTH PROVIDED = 52" DOOR EGRESS OPENING REQUIREMENT WIDTH FOR 63 OCCUPANTS@ 0.2 VER. = 12.6"

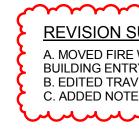
DOOR CLEAR OPENING PROVIDED = 34"

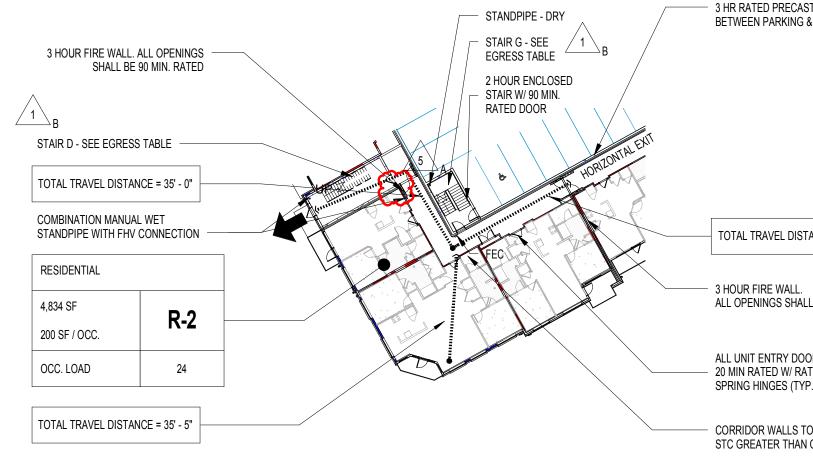
NOTE: WHERE TRAVEL FROM A STANDPIPE CONNECTION TO A REMOTE PORTION OF A BUILDING EXCEEDS 200' AND THE HOSE PULL IS GREATER THAN 200 FT, ADDITIONAL STANDPIPE CONNECTIONS ARE REQUIRED. SEE PLUMBING DRAWINGS FOR LOCATIONS.



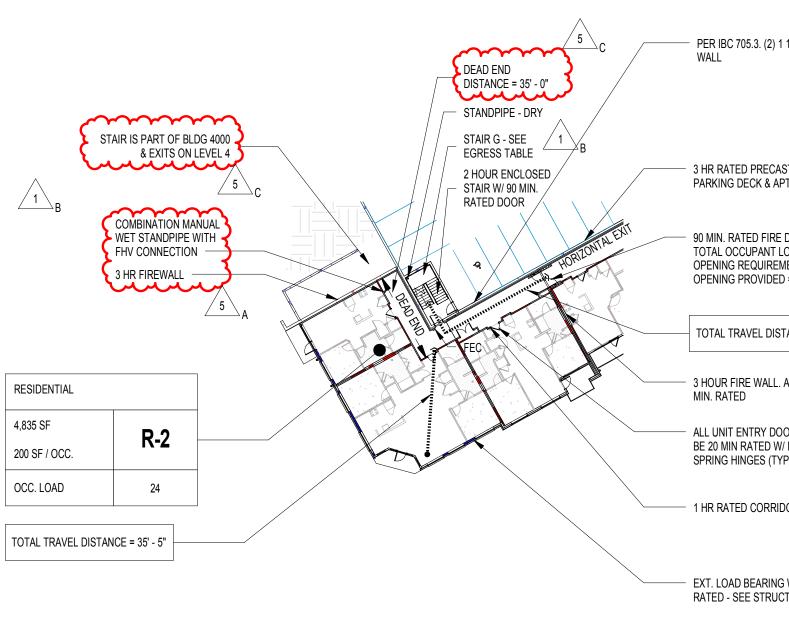
3 HOUR FIRE WALL. A SHALL BE 90 MIN. RAT	ED	STAIR EGRE 2 HOL	DPIPE - DRY G - SEE 1 SS TABLE B IR ENCLOSED
COMBINATION MANU/ STANDPIPE WITH FHV		RATE!	UV 90 MIN. D DOOR HORIZONTALENT
TOTAL TRAVEL DISTA 2 HOUR ENCLOSED S W/ 90 MIN. RATED DO RESIDENTIAL	TAIR	OR MARKET CCCCC AND	
4,835 SF 200 SF / OCC.	R-2		
OCC. LOAD	24		
TOTAL TRAVEL DISTAN	NCE = 35' - 5"		· · · · · · · · · · · · · · · · · · ·

4 CD BUILDING 3000 PROJECT LEVELS 5, 6 & 7 SCALE: 1/32" = 1'-0"

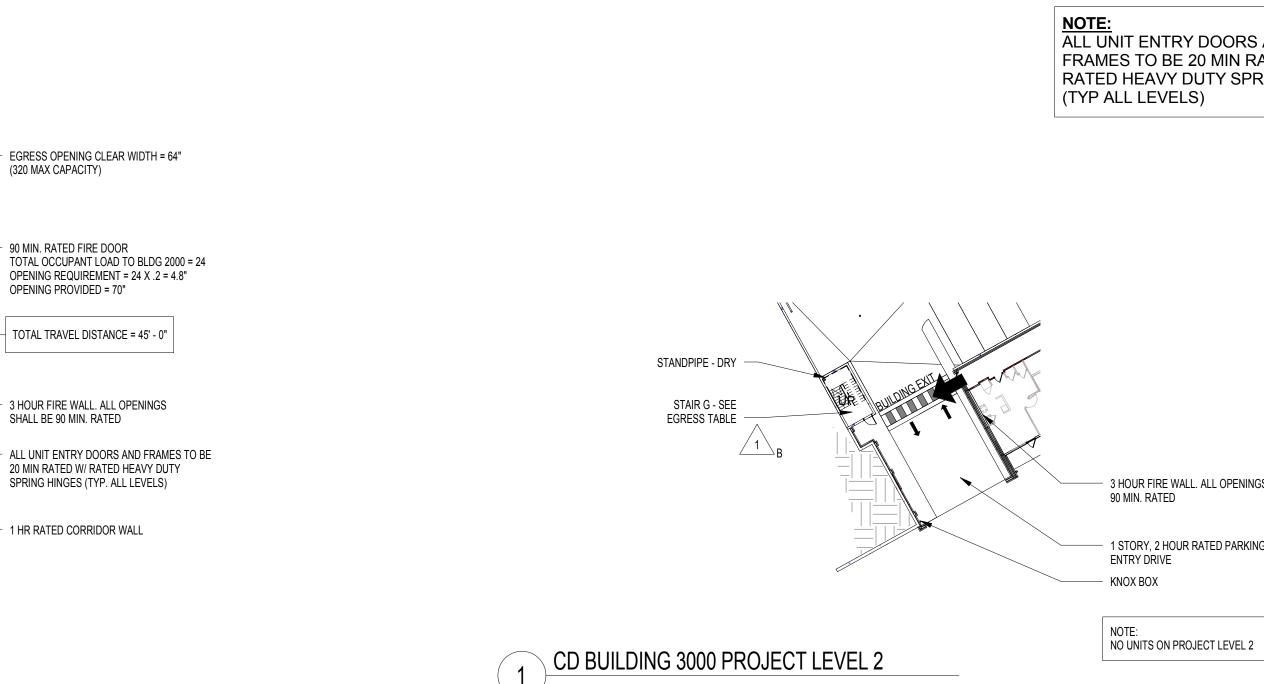




CD BUILDING PROJECT 3000 LEVEL 4 3 SCALE: 1/32" = 1'-0"







SCALE: 1/32" = 1'-0"

	BU	ILDI	NG COI
	BUILDI	NG IDENTIF	ICATION
			NCY CLASSIFICATIO
DN SUMMARY #5 FIRE WALL, ADDED STANDPIPE, AND MOVED ENTRY	TYPE (OF CONSTR	UCTION
TRAVEL DISTANCE NOTE		NG HEIGHT	
5			. Area limitation (I
PRECAST WALL			DIFICATIONS (IBC SE
ARKING & APT. BLDG		-	FRONTAGE INCREA
			INCREASE (IBC 506
	AREA	(IBC 506.	
	AF	(AS DRAV	
		MAXIMUN	I AREA OF BUILDING
VEL DISTANCE = 45' - 0"		MAXIMUN	1 ALLOWED AREA PEF
E WALL.		TOTAL BU	JILDING AREA
GS SHALL BE 90 MIN. RATED		GENERAL	HEIGHT LIMITATION
TRY DOORS AND FRAMES TO BE		HEIGHT N	IODIFICATIONS (IBC
D W/ RATED HEAVY DUTY GES (TYP. ALL LEVELS)			HEIGHT
NALLS TO BE 1 HR RATED WITH ER THAN OR EQUAL TO 50	HEIGHT		NUMBER OF STORI
		MAXIMUN	HEIGHT OF BUILDING
		ACTUAL F	EIGHT OF BUILDING
	FIRE - F	RESISTANCE	E RATINGS FOR BUILD
		STRUCT	URAL FRAME (IBC TA
			OR BEARING WALLS (I
	СП ГС		DR NON-BEARING WALLS (I
	STAN		FIRE SEPARATION (
	RE-RESISTANCE	-	FIRE SEPARATION (
	RE-F	-	FIRE SEPARATION (
5.3. (2) 1 1/2 HR DOOR IN PARKING STRUCTURE		INTERIC	R NON-BEARING WAL
	STAIRS	6 (LSC 7.2.2)	ONSTRUCTION (IBC T
PRECAST WALL BETWEEN CK & APT. BUILDING			STAIR WIDTH (LSC
ED FIRE DOOR JPANT LOAD TO BLDG 2000 = 24 EQUIREMENT = 24 X .2 = 4.8"	ELEVA		ES REQUIRED (IBC 713
ROVIDED = 70"	FIRE PI	ROTECTION	SYSTEM (IBC 903.2.8
VEL DISTANCE = 40' - 0" 5 B			SPRINKLER SYST
E WALL. ALL OPENINGS SHALL 90			STAND PIPES REC
TRY DOORS AND FRAMES TO			
ATED W/ RATED HEAVY DUTY GES (TYP. ALL LEVELS)	SMOKE		FIRE EXTINGUISH
CORRIDOR WALL			FLOOR CAVITY (IB
			ATTIC AREA (IBC 7
BEARING WALLS TO BE 2 HOUR		REQUIRED	(IBC 1005.2.1)
E STRUCTURAL	NOTE: TOTAL TI DISTANC		BUILDING EXITS (L
	ALOL EX LSC = 32 INCLUDE	5' WHICH	TRAVEL DISTANCE
	125' MAX DISTANC THE UNIT	E WITHIN	
			DEAD END CORRIE
			UNITS OF EGRESS
			TRAVEL DISTANCE
	ROOF	ACCESS (LS	SC 7.2.2) 1 A
TRY DOORS AND	OPENI	NG PROTEC	TION REQUIRED (IBC
BE 20 MIN RATED WITH Y DUTY SPRING HINGES	ATTIC	VENTILATIO	N REQUIRED (IBC 12
/ELS)			
			REVISION SU
		ę	A. REVISED / ADI SAFETY CODE
		(3. REVISED STAI
		-	REVISION SU A. ADDED SPRIN
		-	REVISION SU
			3. MODIFIED EGP
	KF	YPI	AN
		<u> L</u>	\ \
E WALL. ALL OPENINGS SHALL BE			
ED			/
HOUR RATED PARKING DECK E			
			1000
N PROJECT LEVEL 2		H	LIT

ΒU	ILDI	NG CODE DATA:				
BUILDING IDENTIFICATION			BUILDING 3000			
BUILDING OCCUPANCY CLASSIFICATION (IBC310.1)		ANCY CLASSIFICATION (IBC310.1)	R2 - RESIDENTIAL GROUP (APARTMENTS)			
TYPE OF CONSTRUCTION		UCTION	TYPE IIIA			
BUILDI	NG HEIGHT	AND AREA				
	GENERAL	AREA LIMITATION (IBC TABLE 503)	24,000 SF (TABULAR BUILDING AREA LIMIT PER STORY)			
		DIFICATIONS (IBC SECTION 506)				
		FRONTAGE INCREASE (IBC 506.2)	N/A NOT FACTORED			
		AUTOMATIC SPRINKLER SYSTEM INCREASE (IBC 506.3 IS =200%)	+48,000 SF MODIFIED (NFPA 13 SPRINKLER)			
Ā	ALLOWAE (IBC 506.	BLE BUILDING AREA PER FLOOR 1)	+43,200 SF (ALLOWED) Aa = 24000 + [24,000 x 0] + [24,000 x 2] = 72,000sf PER FLOOR			
AREA	ACTUAL BUILDING AREA PER FLOOR (AS DRAWN)		4,254 SF @ LEVELS 3 ,4, 5, 6 & 7			
	MAXIMUN	AREA OF BUILDING (IBC 503.3)	216,000 SF ALLOWED = (72,000 X 3)			
	MAXIMUN	I ALLOWED AREA PER FLOOR PLATE (IBC 506.4.1.)	72,000 X 3/5 STORIES = 43,200/FLOOR			
	TOTAL BUILDING AREA		21,270 SF			
		. HEIGHT LIMITATION (IBC TABLE 503)				
			4 STORIES/ 65' MAX (TABULAR BUILDING HEIGHT LIMIT)			
	HEIGHT N	IODIFICATIONS (IBC SECTION 504)				
Ħ	_	HEIGHT	1 STORY MOD (NFPA 13 SPRINKLER)			
HEIGHT		NUMBER OF STORIES	20' MOD (NFPA 13 SPRINKLER)			
-	MAXIMUN	I HEIGHT OF BUILDING	5 STORIES/ 85' MAX (ALLOWED)			
	ACTUAL H	IEIGHT OF BUILDING	5 STORIES/ 69'- 7" MAX (ACTUAL)			
FIRE - F	RESISTANCE	RATINGS FOR BUILDING ELEMENTS (IBC TABLES 601 & 602)				
	STRUCT	URAL FRAME (IBC TABLE 601)	1-HOUR			
		DR BEARING WALLS (IBC TABLE 601)	2-HOUR			
СE		R BEARING WALLS (IBC TABLE 601) DR NON-BEARING WALLS (IBC TABLE 602)	1-HOUR			
FIRE-RESISTANCE		FIRE SEPARATION (DISTANCE = X) X < 5'	I-HOUR			
ESIS		FIRE SEPARATION (DISTANCE = X) 5' $\leq X < 10'$	I-HOUR			
E-RI	_	FIRE SEPARATION (DISTANCE = X)10' \leq X < 30'FIRE SEPARATION (DISTANCE = X)X \geq 30'	I-HOUR 0-HOUR			
	INTERIO	R NON-BEARING WALLS (IBC TABLE 601)	0-HOUR			
	FLOOR (CONSTRUCTION (IBC TABLE 601)	1-HOUR			
		ONSTRUCTION (IBC TABLE 601)	1 -HOUR			
STAIRS	6 (LSC 7.2.2)	STAIR WIDTH (LSC T.7.2.2.2.1(A)) 1	OPEN ENCLOSED MIN. REQUIRED: 44"	MIN. PROVIDED: 44"		
<u>1</u> A		NUMBER OF FLOORS CONNECTED	5 STORIES + ROOF	Willy, FROVIDED. 44		
ELEVA	TOR LOBBIE	ES REQUIRED (IBC 713.14.1)	YES NO KA (FOR BUILDIN	IG 3000)		
		FLOOR LOCATIONS	N/A			
FIRE PI	ROTECTION		AT INTERSTITIAL SPACES & ANY OTHER CONCEALED SPACES)			
		SPRINKLER SYSTEM (LSC 30.3.5)	REQUIRED YES NO REQUIRED NFPA 13 NFPA 13R	N/A N/A		
		STAND PIPES REQUIRED	YES (GREATER THAN 30' ABOVE FIRE DEPARTMENT VEHICLEACCESS)			
			TYPE DRY WET			
SMOKE	SEPARATI	FIRE EXTINGUISHERS	MAX. SEPARATION DISTANCE ALLOWED: 75'-0" (INTERNATIONAL FIRE CODE	Ξ)		
		FLOOR CAVITY (IBC 716.3.2)	YES NO (NFPA 13 SPRINKLER SYSTEM)			
		ATTIC AREA (IBC 716.4.2)	YES NO (NFPA 13 SPRINKLER SYSTEM)			
EXITS	REQUIRED	(IBC 1005.2.1)				
NOTE: TOTAL TI DISTANC		BUILDING EXITS (LSC 30.2.4.2) HORIZONTAL EXITS (LSC 7.2.4.1.2)	PER FLOOR - 2 MINIMUM WITHIN ALLOWED TRAVEL DISTANCE			
ALOL EX LSC = 32	ITS PER 5' WHICH	TRAVEL DISTANCE: (UNIT DOOR TO EXIT/EXIT STAIR)	MAXIMUM ALLOWED (LSC TABLE A.7.6)	3250' (NFPA 13 SPRINKLERED)		
	E WITHIN		MAXIMUM PROVIDED	(SEE CODE DATA SHEETS)		
THE UNIT	5	DEAD END CORRIDOR	MAXIMUM DIST. ALLOWED (LSC TABLE A.7.6)	50' (NFPA 13 SPRINKLER)		
		UNITS OF EGRESS (LSC T.7.3.3.1)	MAXIMUM DIST. PROVIDED REQUIRED: 0.2" PER PERSON (LEVEL) AND 0.3" PER PERSON (STAIRS)	SEE ADJACENT PLANS		
		A	PROVIDED: (SEE CODE DATA SHEETS)			
		TRAVEL DISTANCE WITHIN A DWELLING UNIT (LSC 30.2.6.2)	MAXIMUM ALLOWED	125' - SPRINKLERED		
POOE	ACCESS (LS	COMMON PATH OF TRAVEL LIMITS = 50' (LSC 30.2.5.3.2)	MAXIMUM PROVIDED	(SEE CODE DATA SHEETS)		
	· · ·	TION REQUIRED (IBC 704.10)	ASSUMED PROPERTY LINE (LESS THAN 15')			
			ADJACENT STRUCT (GREATER THAN 30')	YES NO		
ATTIC	/ENTILATIO	N REQUIRED (IBC 1203.2)	YES NO N/A	-		
			PASSIVE MECHANICAL N/A			
	_	REVISION SUMMARY #1	LE	GEND		
	5	A. REVISED / ADDED CODE SECTIONS FROM LIFE SAFETY CODE 3. REVISED STAIR LABELS TO ALPHA CHARACTERS	S BUILDING XXXXX	AREA		
	(C. ADDED NOTE REVISION SUMMARY #4	AREA SQ00000000	DESIGNATION		
		A. ADDED SPRINKLER CLARIFICATION NOTE	FOOTAGE NUMBER 00 S.F./OCC.			
		REVISION SUMMARY #5 A. MOVED FIRE WALL & ADDED STANDPIPE	PER CODE TO OCC. LOAD DETERMINE	000 TOTAL OCC. LOAD PER AREA		
		3. MODIFIED EGRESS PATH	OCC.			
K T	YDI	_AN				
	<u>11⁻ L</u>	<u>_/ \ \</u>				
		TH.		3 HOUR WALL SEPARATION 2-HOUR RATED FIREWALL (@ R-2 ONLY):		
				ALL DOORS SHALL BE RATED TO PROVIDE A HORIZONTAL EXIT FROM THE ADJACENT		
		PARKING DECK		2-HOUR RATED		
				FIRE PARTITION 1-HOUR RATED		
4000		1000		FIRE PARTITION TRAVEL DISTANCE		
3000 2000				EXIT SEPARATION LENGTH		
			1000B	DIAGONAL LENGTH		
б			⊖ FE □ FEC	SURFACE/RECESSED MOUNTED FIRE EXTINGUISHER CABINET A 27" A.F.F. MAX.		

