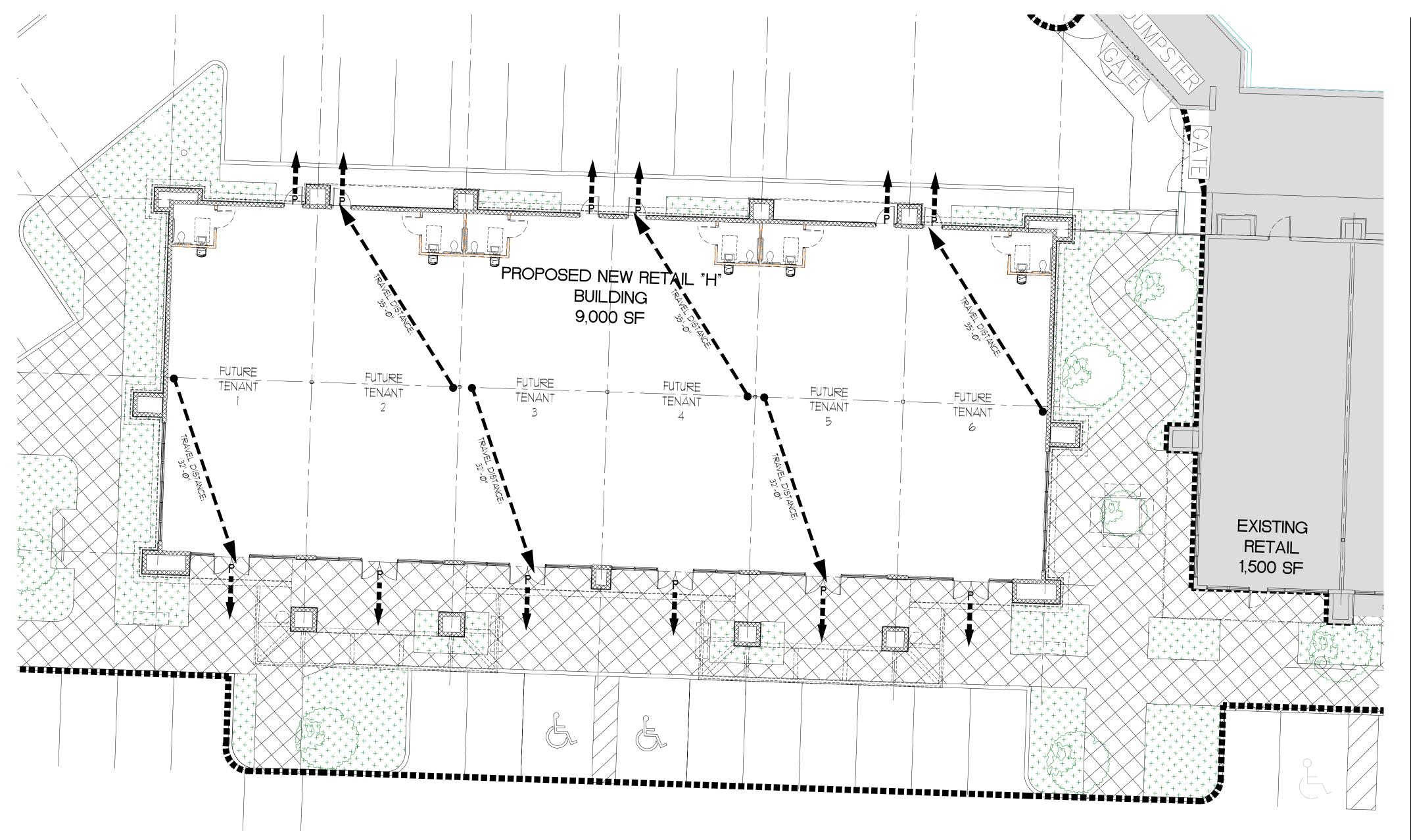
COMMERCIAL ENERGY EFFICIENCY - ENERGY CONSERVATION CODE 2014 TOTAL BUILDING PERFORMANCE

C4Ø7.3

C401.3

COMPLIANCE BASED ON THE TOTAL BUILDING PERFORMANCE REQUIRES THAT A PROPOSED BUILDING (PROPOSED DESIGN) BE
SHOWN TO HAVE AN ANNUAL ENERGY COST THAT IS LESS THAN OR EQUAL TO THE ANNUAL ENERGY COST OF THE STANDARD
REFERENCE DESIGN. ENERGY PRICES USED IN THE TOTAL BUILDING PERFORMANCE COMPLIANCE CALCULATION SHALL BE THOSE
CONTAINED IN THE SOFTWARE APPROVED BY THE FLORIDA BUILDING COMMISSION.

	REQUIREMENTS		
BUILDING COMPONENT		CODE - ENERGY CONSER' MMERCIAL ENERGY EFFICIENC	
CLIMATE ZONE	TABLE C3Ø1.1 CLIMATE ZONE 1A MO16T- WARM	I HUMID LOCATION (IEC 2012	C3Ø1.1)
WALLS, ABOVE GRADE	TABLE C4022 OPAQUE THERMAL ENVELOPE REQUIREMENTS: MA66 - R-5.7ci (CONTINUOUS INSULATION) * * = IS ALLOWED TO BE SUBSTITUTED WITH CONCRETE BLOCK WALLS (ASTM C90) UNGROUT PARTIALLY GROUTED AT 32 INCHES OR LESS ON CENTER VERTICALLY AND 48 INCHES OR CENTER HORIZONTALLY WITH UNGROUTED CORES FILLES WITH MATERIALS WITH THERMAL		
ROOF	CONDUCTIVITY OF 0.44 BTU-HR TABLE C402.2 OPAQUE THERMAL ENV INSULATION ENTIRELY ABOVE DE		GULATION)
FLOORS	TABLE C4022 OPAQUE THERMAL ENVELOPE REQUIREMENTS: MAGG - NR (NO REQUIREMENT)		
DOORS	TABLE C4022 OPAQUE THERMAL ENV SWINGING - U-0.61	ÆLOPE REQUIREMENTS:	
	C402.3.1 MAXIMUM AREA SHALL NOT EXCEED 30 PERCENT OF THE GROSS ABOVE-GRADE WALL AREA.		
	C402.3.1.1 INCREASED VERTICAL FENESTRATION AREA WITH DAYLIGHTING CONTROLS		
FENESTRATION	CLIMATE ZONE IA, MAXIMUM OF 40% OF THE GROSS ABOVE-GRADE WALLS SHALL BE PERMITTED, PROVIDED WITH: - NO LESS THAN 50% OF THE CONDITIONED FLOOR AREA IS WITHIN A DAYLIGHT ZON: - AUTOMATIC DAYLIGHTING CONTROLS ARE INSTALLED IN DAYLIGHT ZONES, AND - VISIBLE TRANSMITTANCE (VT) IS GREATER THAN OR EQUAL TO 1.1 X SOLAR HEAT GACOEFFICIENT (SHGC).		
	C402.3.3 MAXIMUM U-FACTOR AND SOL TABLE C402.3 VERTICAL FENESTRATION		(SHGC)
	CLIMATE ZONE IA U-FACTOR	MAXIMUM REQ'D 0.50	DESIGNED (SYSTEM PERFORMANCE 0.50
	FIXED FENESTRATION SHGC (SOLAR HEAT GAIN COEF)	0.25 (0.25 × 1.1)	Ø.25
	VT (VISUAL TRANSMISSION)	VT > 0.275	Ø29
	BY EFFICIENCY - ENERGY CON AND LIGHTING SYSTEMS (MAI		2014
COMPONENT	FLORIDA BUILDING CODE - EN		DESIGNE
INTERIOR LIGHTING CONTROLS	C405.2 EACH AREA ENCLOSED BY WALLS OR FLOOR-TO-CEILING PARTITIONS SHALL HAVE AT LEAST ONE MANUAL CONTROL FOR THE LIGHTING SERVING THAT AREA. EXCEPTIONS: 1. EMERGENCY AREAS		(FUTURE TENA SPACE)
	2. STAIRWAYS OR CORRIDO C4Ø5.2.1.2	JRS AS MEANS OF EGRESS	
LIGHT REDUCTION CONTROLS	ALLOW THE OCCUPANT TO REDUC LOAD IN A UNIFORM PATTERN BY		(FUTURE TENA SPACE)
OCCUPANCY SENSORS	SHALL BE INSTALLED IN ALL SPACES 300 SQ.FT. OR LESS ENCLOSED BY FLOOR-TO-CEILING. DEVICES SHALL BE INSTALLED TO AUTOMATICALLY CONTROL DEVICES TO TURN OFF LIGHTS WITHIN 30 MINUTES OF ALL OCCUPANTS LEAVING THE SPACE. SPACES: CLASSROOMS CONFERENCE/MEETING BREAK ROOMS PRIVATE OFFICES		(FUTURE TENA SPACE)
DAYLIGHT ZONE CONTROL	RESTROOMS STORAGE & JANITORIAL C405.22.3 LIGHTS IN THE DAYLIGHT ZONE ARE CONTROLLED INDEPENDENTLY OF GENERAL AREA LIGHTING AND ARE CONTROLLED. EACH DAYLIGHT ZONE SHALL NOT EXCEED 2,500 SQ.FT.		(FUTURE TENA SPACE)
EXTERIOR LIGHTING CONTROL	C405.2.4 LIGHTING DESIGNATED FOR DUSK- BE CONTROLLED BY AN ASTRON PHOTOSENSOR.		PROVIDED - METHOD: PHOTOSEI
TANDEM WIRING	C405,3 LUMINARIES LOCATED WITHIN THE SAME AREA SHALL BE TANDEM WIRED: - FLUORESCENT LUMINAIRES EQUIPPED WITH ONE, THREE OR ODD NUMBERED LAMP CONFIGURATIONS, THAT ARE RECESSED MOUNTED WITHIN 10-FEET CENTER-TO-CENTER OF EACH OTHER. - FLUORESCENT LUMINAIRES WITH ONE, THREE OR ANY ODD-NUMBERED LAMP CONFIGURATIONS, THAT ARE PENDANT OR SURFACE-MOUNTED WITHIN 1-FOOT EDGE TO EDGE OF EACH OTHER.		(FUTURE TENA SPACE)
EXIT SIGNS	C405.4 INTERNALLY ILLUMINATED EXIT SK WATTS PER SIDE.	GNS SHALL NOT EXCEED 5	PROVIDED
INTERIOR LIGHTING POWER REQUIREMENTS	TABLE C405.5.2(1) BUILDING AREA METHOD RETAIL 1.4 LPD (w/ft2)		(FUTURE TENA SPACE)
EXTERIOR BUILDING GROUNDS LIGHTING	C405.6.1 ALL EXTERIOR BUILDING GROUNDS LUMINAIRES THAT OPERATE AT GREATER THAN 100 WATTS SHALL CONTAIN LAMPS HAVING A MINIMUM EFFICACY OF 60 LUMENS PER WALL UNLESS THE LUMIAIRE IS CONTROLLED BY A MOTION SENSOR.		
COMMERCIAL ENERG	Y EFFICIENCY - ENERGY CON		2014
ADDITIONAL EFFICIE	FLORIDA BUILDING CODE - EN		DESIGNED





MILLIAMSON DACAR	Architecture Planning Planning Engineering INTER S.	ARCHITECTURE / ENGINEERING / PLANNING 15500 LIGHTWAVE DRIVE SUITE 106 CLEARWATER, FL. 33760
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Architect: AA 0002541

Engineering: EB 0006884

WELLINGTON GREEN PARCEL "F"
PHASE II RETAIL "H" MODIFICATION
PETITION NO. 16–18 (2016–08 ASA 53

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Date Issues

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