

ProjectDox[®]

Changemarks Report

Silver Hills at Universal
Parking Garage
Building Comment Responses
Dimit Architects
04/24/2020

Project Name: BLD2020-12130

Workflow Started: 02/28/2020 10:23 AM

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Grouping	Cycle	Ref #	Department	File	Markup Name	Changemark Subject	Changemark Details	Applicant Response
Main Workflow	1	1	Mechanical	GM6-01.pdf	Gus	Documentation Required	Please provide Approved Installation details for Louvers Including attachments with fasteners	Refer to added detail on sheet GM6-01.
		2	Mechanical	GM6-01.pdf	Gus	Attachment Detail	Please provide detail for angle attached to wall size of fasteners and how many per angle and add to	Refer to added detail on sheet GM6-01.
		3	Mechanical	GM6-01.pdf	Gus	Roof curb Attachment	Please provide roof curb to structure attachment detail and add to drawings for Inspections.	Refer to added detail on sheet GM6-01.
		4	Plumbing	GP1-01.pdf	sm	Changemark #01	A drain inside the trash compactor area shall connect to an oil separator.	Please refer to revised sheets GP0-01 and GP1-01 for added oil/sediment interceptor.
		5	Plumbing	GP1-01.pdf	sm	Changemark #02	Please identify the use of this room and floor drain.	This area is a garage exhaust shaft with louvers at the top of the shaft open to the exterior (refer to mechanical sheets). This area has
		6	Site Engineering	GA5-01.pdf	ROB	Changemark #01	The plans/permit package submitted is missing standard requirements outlined in Section 7.02 of the Engineering Standards Manual. As such, the City has not initiated the review until these minimal requirements are shown on the plans. The plans shall be reviewed once all the required information are shown on the plans and resubmitted.	Acknowledged
		7	Site Engineering	GA5-01.pdf	ROB	Changemark #02	Please provide a Drainage Report. The Drainage Report should include the Pre/Post Development	Please see Drainage Report included in this resubmittal.
		8	Site Engineering	GA5-01.pdf	ROB	Changemark #03	Please provide a soils/geotechnical report. The report should include the Season High Water	Please see Geotechnical Report included in this resubmittal.
		9	Site Engineering	GA5-01.pdf	ROB	Changemark #04	Please provide an existing and proposed grading plan.	Please see 001-Survey for existing grading and sheets C6-0 and C6-1 included in this resubmittal.
		10	Site Engineering	GA5-01.pdf	ROB	Changemark #05	Please provide a topographic survey of the existing site.	Please see 001-Survey included in this resubmittal.
		11	Site Engineering	GA5-01.pdf	ROB	Changemark #06	Please submit a signed and dated private and/or public improvements cost sheet. Cost sheet forms and instructions are available at our website at https://www.orlando.gov/Building-Development/Permits-Inspections/Get-a-Permit/Forms-Documents under Engineering Permit Forms.	No site improvements are associated specifically for the parking garage permit. Reference main building permit BLD2020-11110.

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		12	Site Engineering	GA5-01.pdf	ROB	Changemark #07	Please provide a performance guarantee in the amount of at least 110% of the Public Improvement cost. A copy should be uploaded into ProjectDox and the original provided to Permitting Services via mail or hand delivery. The original must be submitted to the receptionist of Permitting Services as well as a copy uploaded to ProjectDox for review. Please be advised that the permit will not be approved/issued until the performance guarantee is approved by the City Attorney's Office.	No site improvements are associated specifically for the parking garage permit. Reference main building permit BLD2020-11110.
		13	Site Engineering	GA5-01.pdf	ROB	Changemark #08	Please provide a Temporary Erosion and Sedimentation control plan in accordance with Section	Please see sheet C10-0 included in this resubmittal.
		14	Site Engineering	GA5-01.pdf	ROB	Changemark #09	This site appears to be over 1 acre. Construction activities including clearing, grading and excavating	See attached FDEP NPDES NOI Acknowledgement.
		15	Site Engineering	GA5-01.pdf	ROB	Changemark #10	This site appears to be over 1 acre. Construction activities including clearing, grading and excavating	Please see approved water management permit (ERP 191002-1939_Permit_20200227) included in this resubmittal.
		16	Site Engineering	GA5-01.pdf	ROB	Changemark #11	Please be advised that additional comments may follow.	Acknowledged
		17	Building	GA0-00.pdf	BAA	Exit Enclosure Extension	Exit enclosure rating shall extend all the way to exit discharge. FBC 1023.3	See updated sheet GA0-00. Stair towers to exit to exterior as shown.
		18	Building	GA2-01.pdf	BAA	Ramp Slope	Please provide the actual ramp slope. It is required to not exceed 1:15 (6.67 percent) when used for vertical circulation. FBC 406.4.4	Slope notes changed to 6.25%. For exact slopes, see pre-cast concrete manufacturer shop drawings.
		19	Building	GA1-01.pdf	BAA	Fire Pump Room	Fire pump rooms shall be separated from other areas by a minimum of a 1hr fire barrier when in a sprinkled building. FBC 913.2.1	See updated sheet GA0-00 noting 1-hr rated walls at Fire Pump Room.
		20	Building	GA1-01.pdf	BAA	Opening Protectives	Openings in a fire barrier shall meet FBC Table 716.5 1 hr rated door required	See updated door schedule. 1-hr rated door to be provided.
		21	Building	GA1-01.pdf	BAA	Occupancy Separation	The mail and trash room is accessory to the residences and shall be separated from the garage per FBC 406.4.6	See updated sheet GA0-00 noting fire rating of walls mail room and trash room for separation from parking garage.
		22	Building	GA1-01.pdf	BAA	Openings in a Fire Wall	Opening into the trash room shall be protected by a minimum of a 1.5 hrs rated door. FBC Table	See updated door schedule. 1.5-hr rated doors to be provided at trash rooms.
		23	Building	GA1-01.pdf	BAA	Trash Chute Shaft	The trash chute that is accessory to the residences is required to be located in a shaft with a minimum of a 1hr fire barrier. FBC 713.4	See updated sheet GA0-00 noting 1-hr rated shaft for trash chutes.

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		24	Building	GA1-01.pdf	BAA	Enclosure at Bottom and Top of Trash Chute	The enclosure of the trash chute at top and bottom shall meet FBC 713.11 & 713.12	See updated notes on trash chute sections. Enclosure at top to be rated to match shaft. Chute to terminate into Trash Room at
		25	Building	GA1-01.pdf	BAA	Chute Discharge Room	The trash discharge room shall be separated from other areas with the same rating as the shaft enclosure which will be 1 hr FBC 713.13.4	See updated sheet GA0-00 noting 1-hr rated walls for trash discharge room
		26	Building	GA0-00.pdf	BAA	Equipment Room ID	An approved sign is required to identify fire protection equipment and equipment location shall be constructed of durable materials, permanently installed and readily visible. FBC 914.2	See updated sheet GA0-00 noting signage at Fire Pump room to be provided per FBC 914.2
		27	Building	GA0-00.pdf	BAA	Site Plan	Please provide the civil sheets associated with this project for reference. FBC 107.2.1	See attached civil plans for reference.
		28	Building	GA0-00.pdf	BAA	Geotechnical Report	A geotechnical report is required for this project. FBC Ch 18	See attached Geotechnical Report.
		29	Building	GA0-00.pdf	BAA	Tested Assembly	Please provide an approved tested assembly for the 2 hr rated fire barrier and any other rated wall associated with this project. FBC Ch 7	See uploaded UL assemblies noted in plans.
		30	Waste Water	GP1-01.pdf	WRD GP1-01	GP1-01 Trash Compactor Room #01	Address the oil separator issue called out by Plumbing. Note that the oil separator shall be registered with the City. Compliance and Public Awareness Section (CPA) of the Water Reclamation Division. Refer to the Doc Hold	Please refer to revised sheets GP0-01 and GP1-01 for added oil/sediment interceptor.
		31	Electrical	GE1-01.pdf	larry	Exit Sign Circuitry	Per NEC 700.12(F) there is an exit sign circuit "HP1A-21" located in the corridor next to the stairwell not	The exit light in the area has been circuited to HP1B-14 to match the general lighting in the area.
		32	Electrical	GE1-01.pdf	larry	EM Fixture Circuitry	Per NEC 700.12(F) there is an EM Fixture circuit "HP1A-123" located in the "Bicycle Storage" not	The emergency light in the bicycle storage area has been circuited to HP1A-121 to match the general lighting in the area.
		33	Electrical	GE1-01.pdf	larry	Exit Signs & EM Fixtures Circuitry	Per NEC 700.12(F) there are exit signs & EM Fixtures circuitry typical not showing compliance at this	The exit signs and emergency lights that were not on the same circuit as the general lighting have been added to the general lighting
		34	Electrical	GE1-01.pdf	larry	Manual Lighting Control	Per FBC 405.2.2.3. Please show the required manual lighting control for the "Trash" room not showing	A manual lighting control switch has been added in the trash room. Please refer to revised drawing GE1-01.
		35	Electrical	GE1-01.pdf	larry	Panic Door Hardware	Per NEC 110.26(C)(3) please show compliance for required panic door hardware for the electrical	Refer to architect's door hardware schedule for panic hardware information.
		36	Electrical	GE1-05.pdf	larry	Exit Sign Circuitry	Per NEC 700.12(F) there is an exit sign showing circuit "HP1B-3" located in the parking garage area not	The exit sign has been recircuited to HP3A-43 to match the general lighting in the area.
		37	Electrical	GE0-01.pdf	larry	Lightning Protection Drawings	Please submit the lightning protection drawings and also show DAS connection to the lightning protection if	The lightning protection drawings will be submitted if it is later determined that a DAS system is required.
		38	Electrical	GE2-01.pdf	larry	Revised Panel Schedules	Please also revised the panel schedule drawings for Building Permit BLD2020-11110 main building to	The drawings were created at the same time so the loads for the garage are already included in the permit drawings for BLD2020-

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		39	Electrical	GE2-01.pdf	larry	Demand Load Clarifications	Panel schedule "HP1A" & "HP1B" are showing the demand loads for these panels maxed out at this	The total demand loads are accurate.
		40	Transportation	GA1-01.pdf	AKT	Changemark note #01	Per city of orlando municode Sec. 61.307 (5) The slope of the grade preceding the exit of a parking garage shall not exceed 2% for a minimum of 25 feet. Please show slope on the site plan	Grade at ground level to match slope of floor levels above. See pre-cast manufacturer shop drawings for additional information.
		41	Transportation	GA1-01.pdf	AKT	Changemark note #02	Call out regular parking space striping as 6" white paint	See notes added to floor plan notes regarding striping.
		42	Transportation	GA1-02.pdf	AKT	Changemark note #01	Detail for accessible parking spaces must be per FDOT standard plans fy2020-21 index 711-001 pg 12 of 13. Please include this detail with the plans	See notes added to floor plans to reference details on civil drawings for striping.
		43	Transportation	GA1-02.pdf	AKT	Changemark note #02	Accessible parking signs must be called out on the plans and a detail must be provided per FTP-20-06 of FDOT 2020-21 standard plan index 700-102 (Sheet 4 of 11). ADD \$250.00 FINE (F.S. 316.008(4)) supplemental sign, 7'-0" min to ground clearance.	See notes added to floor plans to reference details on civil drawings for signage.
		44	Building	GA1-01.pdf	BAA	Opening Protective Garage Access Doors	All doors on all floors that are located in the 2 hr fire wall shall have an opening protective rating of 1.5hrs. FBC Table 716.5	See updated door schedule noting 1.5-hr rated doors in fire walls.
		45	Building	GS5-01-SS.pdf	BAA	Structural Sheet Missing	Sheet G5-03 missing, please provide. FBC 107.2.1	Sheet G5-03 is not part of construction documents.
		46	Fire	GF0-01.pdf	FIRE-NNH	Clarification Needed	FAC 61G15-32 notes indicate that a fire pump is not required.	Note (2)(K) of FAC 61G15-32.004 has been revised to note that a fire pump will be provide in the garage to meet the demands of the
		47	Fire	GF0-01.pdf	FIRE-NNH	Fire Protection POS Incorrect	Per Civil sheet C8.3 submitted under case # BLD2020-11110, the water purveyor's responsibility	Note (2)(a) of FAC 61G15-32.004 has been revised to refrence Civil drawings C8.3 for Point of Service.
		48	Fire	GF1-05.pdf	FIRE-NNH	Locations of Hose Connections-Roofs	Per NFPA 14, sec. 7.3.2(5), Class I systems shall be provided with 2.5" hose connections at the	Currently the only access to the roof is from the garage stairwells on the east side of the garage. The standpipes in those stairwells can
		49	Fire	GF1-01.pdf	FIRE-NNH	Fire Pump Equipment Access	Please revise plans to indicate and/or clarify compliance with the following requirements of	The double doors accessing the fire pump roon have been moved to the exterior of the building. Plesae see the revised floor plan.
		50	Fire	GF1-01.pdf	FIRE-NNH	Fire Pump Equipment Protection	Per NFPA 1, sec. 13.4.1.1, where provided, fire pumps shall be installed in accordance with NFPA 20,	Please see Sheet GM1-01 for fire pump room ventilation louvers, exhaust fan and heater. Please see Sheet GP1-01 for floor drain.

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		51	Fire	GF1-01.pdf	FIRE-NNH	Fire Pump Room Enclosure	Per NFPA 1, sec. 13.4.2.1.1.2, indoor fire pump rooms in non-high-rise buildings or in separate fire pump buildings shall be physically separated or protected by fire-rated construction in accordance with Table 13.4.2.1.1.2. [20:4.12.1.1.2] Please revise plans to indicate a minimum 1-hour fire-rated enclosure for fire pump room.	See updated sheet GA0-00 noting 1-hr rated walls at Fire Pump Room.
		52	Fire	GF1-01.pdf	FIRE-NNH	Fire Pump Rooms & Non Essential Equipment	Please revise plans to indicate and/or clarify compliance with the following requirements of	Fire Pump room is dedicated to Fire Pump and provides room for fire pump, jockey pump, fire pump controller, jockey pump controller,
		53	Fire	GE1-02.pdf	FIRE-NNH	Visible Fire Alarm Notification Missing	Per NFPA 101, sec. 9.6.3.5, notification signals for occupants to evacuate shall be by audible and	Visible notification devices were indicated in the original permit documents. Additional devices have been added. Please refer to
		54	Fire	GE1-01.pdf	FIRE-NNH	Visible Fire Alarm Notification Missing	Per NFPA 101, sec. 9.6.3.5, notification signals for occupants to evacuate shall be by audible and	Visible notification devices were indicated in the original permit documents. Additional devices have been added. Please refer to
		55	Fire	GE1-01.pdf	FIRE-NNH	Two-Way Radio Communication Enhancement Systems	Please revise plans to acknowledge the following requirements of NFPA 1:	A note has been added that a DAS system plan shall be provided along with the fire protection drawings. The drawings shall be
		56	Fire	GA0-00.pdf	FIRE-NNH	Exit Discharge Through Interior Building Areas	This exit stair discharges through the interior of the building. Please revise plans to indicate compliance with all applicable requirements outlined in NFPA 101, sec. 7.7.2	See revised notes on GA0-00 for exterior corridor with 2-hr rating.
		57	Fire	GA0-00.pdf	FIRE-NNH	Portable Fire Extinguishers	Please revise life safety plans to indicate portable fire extinguishers installed in accordance with classification, rating, and distribution requirements of NFPA 101	See revised sheet GA0-00 showing portable fire extinguishers.
		58	Fire	GA0-00.pdf	FIRE-NNH	Special Provisions for Parking Structures	Parking structures shall comply with all special provisions outlined in NFPA 101, sec. 42.8. Please verify compliance and revise plans accordingly	Parking structure meets requirements of section 42.8 of NFPA 101
		59	Fire	GA0-00.pdf	FIRE-NNH	Common Path of Travel Limit	Per NFPA 101, sec. 42.8.2.5.1, a common path of travel shall be permitted for the first 50 ft (15 m) from any point in the parking structure. Please revise life safety plan to indicate 50' max. CPT, and verify compliance	See revised sheet GA0-00 noting maximum common path of travel to be 50 feet.

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		60	Fire	GA0-00.pdf	FIRE- NNH	Number of Means of Egress	<p>Calculated occupant load equals 686 persons.</p> <p>Per NFPA 101, sec. 42.8.2.4.2, in new buildings, floors or portions thereof with an occupant load of more than 500 persons shall have the minimum number of separate and remote means of egress specified by 7.4.1.2.</p> <p>Please revise life safety plan to indicate a minimum of 3 exits required, and verify compliance.</p>	See revised sheet GA0-00 noting (3) required exits per NFPA 101
		61	Fire	GA0-00.pdf	FIRE- NNH	Travel Distance to Exits	<p>Per NFPA 101, sec. 42.8.2.6.1, travel distance, measured in accordance with Section 7.6, shall not exceed that provided by Table 42.8.2.6.1.</p> <p>Per Table 42.8.2.6.1, maximum travel distance to exits in enclosed parking garages protected throughout with an automatic fire sprinkler system shall not exceed 200'.</p> <p>Please revise life safety plan to indicate 200' max. TD, and verify compliance.</p>	See revised sheet GA0-00 noting maximum travel distance of 200 feet per NFPA 101
		62	Fire	GA0-00.pdf	FIRE- NNH	Door Leaf Encroachment	<p>Per NFPA 101, sec. 7.2.1.4.3.1, during its swing, any door leaf in a means of egress shall leave not less than one-half of the required width of an aisle, a corridor, a passageway, or a landing unobstructed.</p> <p>Please revise plans to correct this deficiency at corridor adjacent to Electrical Room on all floors.</p>	Door from building to parking garage is not an egress exit.
		63	Fire	GA5-01.pdf	FIRE- NNH	Handrail Clearance Insufficient	<p>Per NFPA 101, sec. 7.2.2.4.5.5, new handrails shall be installed to provide a clearance of not less than 2¼ in. (57 mm) between the handrail and the wall to which it is fastened.</p> <p>Please revise handrail detail to indicate compliance.</p>	See revised details noting 2 1/4" clearance for handrails
		64	Fire	GA5-01.pdf	FIRE- NNH	Stair Riser Height Missing	<p>Please revise plans to indicate stair riser heights.</p>	See pre-cast concrete manufacturer shop drawings for stair riser heights

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		65	Fire	GA5-01.pdf	FIRE-NNH	Exit Enclosure	<p>Per NFPA 101, sec. 7.1.3.2.2, an exit enclosure shall provide a continuous protected path of travel to an exit discharge.</p> <p>Please revise plans to indicate that 2-hour rated exit stair enclosure extends to the exit discharge.</p>	See revised sheet GA0-00 noting 2-hr rated walls for exit enclosure
		66	Fire	GA8-01.pdf	FIRE-NNH	Opening Protectives	<p>Per NFPA 101, sec. 8.3.4.2, the fire protection rating for opening protectives in fire barriers, fire-rated smoke barriers, and fire-rated smoke partitions shall be in accordance with Table 8.3.4.2.</p> <p>Please revise door schedule to indicate compliance.</p>	See revised door schedule noting rated opening protectives required
		67	Fire	GA1-01.pdf	FIRE-NNH	Occupancy Separation	<p>Please revise plans to indicate a minimum 1-hour rated occupancy separation between Mail Room (Business Occupancy) and Parking Garage (Storage Occupancy), in accordance with NFPA 101, Table 6.1.14.4.1.</p>	See revised sheet GA0-00 noting 1-hr rated walls at Mail Room.
		68	Fire	GT0-01.pdf	FIRE-NNH	General Comments	<p>CONTACT INFORMATION For questions regarding fire plans review, please contact Nathan Hutton at 407.246.3152 or at nathan.hutton@cityoforlando.net.</p> <p>CONSTRUCTION FIRE SAFETY Structures undergoing construction, alteration, or demolition operations, including those in underground locations, shall comply with NFPA 241, Standard for Safeguarding Construction, Alteration, and Demolition Operations, and NFPA 1, Chapter 16. Fire protection during construction shall comply with all applicable requirements outlined in NFPA 1, sec. 16.4.3.1.1 through sec. 16.4.3.3.2.10. Fire safety during demolition shall comply with all applicable requirements outlined in</p>	Acknowledged
		69	Fire	GT0-01.pdf	FIRE-NNH	Provide Missing Sheet GS1-27	<p>Please provide missing sheet GS1-27.</p>	Sheet GS1-27 is not part of construction documents.

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		70	Fire	GT0-01.pdf	FIRE- NNH	Waste Chutes	<p>Per NFPA 101, sec. 9.5.2, waste chutes, laundry chutes, and incinerators shall be installed and maintained in accordance with NFPA 82, Standard on Incinerators and Waste and Linen Handling Systems and Equipment.</p> <p>Please provide an elevation detail of all waste and/or laundry chutes, and document compliance with all applicable requirements of NFPA 82, 2014 edition.</p>	Trash cutes to be provided in accordance with NFPA 82. See typical elevation on sheet GA1-02
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