

<u>Construction Management Plan, Traffic</u> <u>Control Plan, and Pedestrian Protection Plan</u>

CULVER OASIS

11111 Jefferson Blvd.

Culver City, CA 90232



Prepared by KPRS General Contractor

May 24, 2021

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Introduction

1.0 Introduction

1.1 Purpose

The purpose of this forecasted Construction Management Plan is to forecast how KPRS's project management team will implement and perform its site management responsibilities during the course of construction of the "Culver Oasis" Project (the Project).

This plan will describe the anticipated scope and schedule for the project's construction in order to provide a guide for an efficient and coordinated construction process as well as provide information to the public about the project's objectives.

The forecasted construction management plan is subject to review by Culver City's Building Official, City Traffic Engineer, Civil Engineer and Planning Director.

1.2 Scope

This Plan provides a holistic approach that:

- anticipates how the project management team will comply with requirements relating to construction;
- defines the project objectives and targets of particular relevance to the construction phase;
- describes constraints specific to the construction phase and the project in general;
- details the proposed strategy for the construction phase in the most efficient manner to establishment resourcing, site organization and construction controls.

1.3 Program

The proposed program will require the construction of:

- Mixed-use development subterranean parking, ground level market and retail, second level office and parking, and levels 3-5 residential units
- Project consist of a total of 230 residential units with open courtyard and amenities
- The parking garage will host a total of 653 vehicle parking stalls and 66 bike parking stalls
- Project to consist of public open space totaling 30,000 square feet

1.4 Site Location

The development site (see Figure 1) is located at 11111 Jefferson Blvd. in Culver City and is bounded by Sepulveda Blvd to the west, and Machado Road to the north.



Figure 1- Site Location

The lot area is approximately 149,553 SF and is located at intersection of Jefferson Blvd. & Sepulveda Blvd..

- End of Section 1-

2.0 Construction Management

2.1 External Considerations

The major external constraints on the project are:

- Maintaining smooth vehicular and pedestrian traffic flow with minimal disruptions to the surrounding streets.
- Minimizing impact on neighbors and collaborating with neighboring businesses for peak conditions.
- Coordination with utility companies for street work in order to minimize impacts from construction processes on community.

Upon commencement, our project team's anticipated tasks will be:

- Begin implementation of construction activities communication plan prior to and through construction
- Locate a project office, site accommodation and facilities
- Implement an offsite parking plan for construction workers across Jefferson Blvd. at designated commercial parking lot. This will occur during the concrete structure build duration.
- Confirm the locations of existing services and obtain all necessary permits and approvals.
- Arrange for the installation of temporary services power, water and sewer to service the project during construction.
- Strategically locate designated trash areas to be efficiently hauled by an approved hauler.

2.2 Anticipated Approvals

A series of permits will be required for project phases including demolition, excavation, subterranean and above ground construction.

We foresee that these approvals must be approved before work can begin. Some anticipated items requiring further approval include, but not be limited to.-

- EIR's MMRP and Conditions of Approval
- This Construction Management Plan which includes traffic management plans, Pedestrian Protection Plan, and Haul Route
- Demolition Onsite and Offsite
- Shoring Plans
- Grading and Excavation Plan, including SWPPP reports and Erosion and Sediment Control Plan
- Foundation Only
- Building Plans
- Fire Sprinkler Plans
- Fire Alarm Plans

Before any lane closures and/or other temporary modifications to traffic are implemented, further approvals will be required from Culver City Public Works Traffic Management Division and/or other pertinent city departments. These items might include, but will not limited to:

- Traffic Control Plan including, but not limited to vehicular, bicycle, and pedestrian traffic routing.
- Off-site Civil work
- After Hours Applications

2.3 Site Security

The site will be secured using appropriate 6' tall fences with privacy greenscreen along Jefferson Blvd., Sepulveda Blvd. and Machacho Rd., with access gates manned with qualified control officers. The site and perimeter area will be equipped with 24-hour camera video surveillance with online access by site personnel. Entry will be controlled and will be limited to approved personnel and equipment. The site will be secured after hours. All workers and visitors to the site will be required to sign in and sign out at the site office.

2.4 Public / Worker Safety

All site staff and subcontractors will be required to complete a site-specific orientation before beginning work on site. The orientation will cover aspects relating to health, safety, and onsite practice standards. Specific items may include, but will not be limited to site access, emergency evacuation procedures, location of first aid facilities, location of amenities, site hours, material handling, noise and dust policies and environmental management.

An onsite certified Safety Administrator will be appointed during the early stages of the project. The administrator will conduct regular inspections of the project site and will be actively involved in ensuring compliance with Cal/OSHA and/or other safety standards, reviewing Safety Management Plans, and making recommendations with regard to health and safety issues.

2.4.1 Temporary Construction Fencing

The installation of temporary fencing is anticipated as a means of ensuring the safety and wellbeing of members of the community. (Refer to Exhibits A.1 for anticipated location of fencing). Fencing during construction will consist of 6 chain link fencing with green windscreen secured to fencing. Gates will be used on all access points onto the site. Fencing installation will be subject to city approval.

2.4.2 Pedestrian Detours/Pedestrian Protection Plan

Reference Exhibit A.2 & A2.A. sidewalks adjacent to the site on Machado Rd. will be closed during construction. Pedestrians will be rerouted to opposite side of street on Machado Rd. using existing crosswalks at Sepulveda Blvd. or Jefferson Blvd. The sidewalks of Jefferson Blvd. Sepulveda Blvd. will remain open with covered pedestrian awning. However, during special events such as soldier seams, pour day, mass excavation and crane work days, it may sometimes be required to temporally close the one or two boulevard sidewalks for pedestrian safety. Pedestrians will be rerouted to opposite side of street using the existing crosswalks. Adequate signage will be provided for re- directing pedestrians as required.

2.5 Community Notification

The construction will have several distinct phases that will require different material handling strategies to optimize scheduling and minimize impact to surrounding streets, neighbors, and other potential stakeholders.

Where an impact from material handling and/or construction planning is anticipated, stakeholders and authorities will be consulted before implementation.

To this end, the construction management team, in conjunction with the developer, will work with pertinent stakeholders to develop an email notification list as a means of notifying said parties of construction activities, major milestones and or potential construction impacts at least 2 days prior to commencing actions. A designated site team member will help manage the communication and responses to community with the developer.

2.6 General Onsite Administration and Emergency Contact Info

The Project Construction Manager will maintain an office at the project site. The project construction manager and field staff will be responsible for implementing and maintaining procedures and policies. Contractor's onsite representative and emergencycontact shall be provided and posted onsite. General Contractor's current interim representative and emergency contact is Sam McInnis at KPRS – Office # 714-672-0800, email: sam.mcinnis@kprsinc.com.

2.6.1 Construction Hours

General Construction

The project will comply with Culver City's allowable construction hours of:

- · Monday-Friday: 8:00 AM through 8:00PM
- Saturdays: 9:00 AM through 7:00 PM

Lane Closures

It is being proposed to close the sidewalk, parking lane, and one lane of traffic next the site on Machado Rd. for the duration of the parking structure project. The entry structures are located of Machado so it is imperative to utilize this space in order to construct the structure safely. A formal traffic control plan will be engineered and submitted for approval.

The intent is not to be an impediment with the lane closures on any of the City's main arterial streets, but to limit it to less used side street on a daily basis. In order to minimize the effect on pedestrians, Jefferson Blvd and Sepulveda Blvd sidewalk will remain open except for special occasions such as soldier beams, concrete pour days, mass excavation and tower crane work days.

Changes to the traffic control plans will be coordinated in advance with the City and adjacent neighbors.

Exhibit A.3 to A.7 outlines the proposed Site Logistics Plan that show from the start of construction to completion of construction. Exhibit A.5 summarizes the closure required for concrete pour, mass excavation and tower crane erection/dismantle. This closure will occur up to 45 non-consecutive days. In order to not impact Fire Department's path of travel, when only one lane on Machado Rd. is open, Fire Department will be notified prior to each concrete pour day. Flagmen will also be on Jefferson Blvd and Sepulveda Blvd. to assist Fire Department quickly with the current traffic during the hours of operation.

Every effort will be made to minimize the need for any additional lane closure that are not listed above. Should lane closures be required, neighbors and city officials will be notified via the email notification system set up at the commencement of construction. Such events will also be coordinated with the city and neighborhood representatives and neighboring any construction projects.

2.7 Hoisting

- During the excavation and shoring phase of the project, most of the hoisting materials will be done with mobile cranes located on the closed sidewalk and one lane of traffic within the site fencing areas. There will be occasional need for cranes to extend beyond the limits of the site fencing for hoisting in this phase in a safe manner. Such hoisting will not occur between the hours of 7am to 8am or from 4pm to 6pm on Sepulveda Blvd. and Jefferson Blvd.
- After the excavation phase, a tower crane may be placed inside the project footprint. Deliveries will be unloaded with the tower crane as much as possible. See Exhibit A.6.
- If any hoisting is required after the removal of the tower crane, mobile cranes will be located on the closed sidewalk and one lane of traffic within the site fencing area unless specifically approved under a separate permit.

2.8 Demolition Debris Recycling Plan

A waste company will be selected who diverts all demolition and construction debris to a facility that handles mixed materials for recycling offsite. It is the goal to exceed a total percentage of 75% (or as required by future Green Building checklists) for all materials recycled. The specific facilities where all the debris is transported will be provided when the demolition and trash hauling Subcontractors are selected prior to work being performed.

- End of Section 2 -

Construction Methodology

3.0 Construction Methodology

3.1 Demolition and Excavation (45 work days)

The site is currently a commercial property that includes a 3 one-story commercial buildings, and surface parking.

Existing utility services within the site will be located and either capped if redundant or modified if they are to be used as temporary services for construction.

Demolition is expected to take 21 work days with impact to traffic from debris hauling occurring over the course of 15 days with an estimated 4 truckloads being hauled each day.

During this phase, no public right of-way will be impacted by the project. Only demolition within the property lines will occur as shown per Exhibit A.3. The only item in the public right-of-way that will be removed during this phase are the street trees. Flagmen will be present during this operation to ensure the safety of the public.

Trucks will enter the site from Sepulveda. and move to a designated loading area where they will be loaded with material before exiting on Machado Rd. (Figure 2). Where required, curb ramps will be placed at entry/exit points to mitigate damage to curbs. Flagmen will be stationed at entry and exit points to ensure safety.



Figure 2 - Existing Structures

During excavation, a shoring system will be required to support the garage walls. Shoring will begin with placement of soldier piles along the site's perimeter. This process is estimated to take approximately 13 days. Lagging spanning between soldier piles will be placed in coordination with the excavation of the site. As the site is excavated, there will be a need to provide bracing to further support the shoring system.

The project will require the excavation of 15 FT of earth below street level with an expected time frame 30 days. Dirt hauling is anticipated to occur over 15 nonconsecutive days within the 30 day excavation period. Dirt hauling will occur Monday through Friday 9:00 AM through 4:00 PM per City Standards. Trucks will enter the site from Sepulveda and exit onto Machado (Figure 2). Where required, curb ramps will be placed at entry/exit points to mitigate damage to curbs. Flagmen will be stationed at entry and exit points to ensure safety.

Construction Methodology

3.2 Subterranean Work (104 work days)

In order to facilitate its future construction, we foresee the installation of a tower crane within the building core. Reference Exhibit A.6 for approximate location of tower crane.

The tower crane will be erected as soon as the area it is to be located has been excavated. The crane will assist in various tasks that would allow for material off-loading on Sepulveda Blvd. and Machado Rd. These tasks will include, but are not limited to the installation of concrete and concrete reinforcement materials where it may otherwise be uneconomical to be done by other means and the movement of material into the site for subterranean level work.

Given the size of the site and the nature of the project's program, the site will be divided into zones with concurrent activities can occur. As excavation is completed, in-ground services will be installed followed by preparation of the ground to receive the structural foundation that will be cast in concrete.

We propose for two (2) truck—mounted concrete boom pumps to be staged on Machado Rd. and one (1) on both Sepulveda Blvd. and Jefferson Blvd. on non-consecutive days for placement of the garage concrete structure, its subsequent topping slab and for upper level decks.

The upper basement levels will be cast in zones, so that multiple work fronts will be created. Different formwork systems will be considered and considered in the design of the structure to ensure the time frame can be met.

As with the mat foundation, concrete will be cast to the lower level slabs and columns using a pump in order to minimize the impact on traffic on the adjacent streets.

3.3 Concrete Construction (274 work days)

The concrete construction of the project will encompass one subterranean parking level, three levels of above grade parking and commercial space. The time frame required to complete the concrete portions of the project is anticipated to take approximately 378 work days total. Included within this time-frame is the assembly of shoring to support formwork; construction/assembly of the required formwork for floor slabs, columns, and walls; placement of steel reinforcement for those structural components; and the placement and finishing of concrete. Reference Exhibit A.6

Concrete placement is expected to occur over 134 nonconsecutive days within the 378 day concrete construction period. Construction material deliveries (ready mix trucks) will occur during normal working hours described in section 2.6.1 above unless specifically approved under a separate permit. Flagmen will be stationed at entry and exit points to ensure safety.

The concrete trades will be supported by, but not limited to, a tower crane for lifting of materials and equipment, a truck- mounted concrete boom pump to place concrete, and perimeter guardrail systems to provide fall protection.

3.4 Building Enclosure (361work days)

The glass enclosure for the office and commercial spaces will be erected as soon as practical to commence sealing floors so that finishes and fit out, can commence.

Above concrete structure will consist of three (3) levels of wood frame and structural steel. The wood framed walls are intended to be prefabricated off sight and delivered to the site where they will be loaded by the tower crane to the appropriate locations. Unloading of trucks and the truck queuing area will be per Exhibit A.7. It is anticipated that the wood framing will take approximately 90 work days. The building envelope will consist of membrane roofing and waterproof system below stucco, veneer cladding and panel siding. There will be

aluminum framed storefront at common areas and composite windows/doors at residential units. The building will also be completed with waterproof decks and various ornamental railings. Most of this work will occur simultaneously with interior finish work.

3.5 Mechanical, Electrical, Plumbing and Finishes (271 workdays)

Once the roof has been installed, installation of mechanical, electrical and plumbing will begin. Once the MEP installation is complete insulation and drywall will be installed, followed by gypcrete floor assembly, painting, cabinetry/carpentry, flooring and other finishes. During this phase of construction many other various scope task will be performed, such as fire sprinkler system, elevator installations, low voltage systems, trash management system and mail management system. The scheduling of the MEP and finish installations is 271 work days.

Construction Methodology

3.6 Offsite Work (551 workdays)

Offsite work typically has two stages. The first stage is from start of the project in which all underground off site utility infrastructure will be performed. The second stage is offsite finishes in which is expected to begin as soon as the building envelope is installed, and exterior scaffolding is removed that is roughly 5 months prior to completion of project.

Offsite finish work will consist of, but may not be limited to, replacement of sidewalk along the street work of the project perimeter; installation/relocation of signage; placement of landscaping, trees, public open spaces and seating, bicycle parking, and the finish paving and striping.

Every effort will be made to minimize the impact on vehicle traffic flow by keeping staging activities to one lane on perimeter streets. We do foresee the need for temporary lane closures. In order to alleviate the effects on traffic, we anticipate scheduling lane closures required for certain activities to evening after the peak traffic hours. Those activities that will be performed during daytime hours will be scheduled to take place after the morning peak traffic hours.

The anticipated time frame for offsite finish improvements is 82 work days.

3.7 Construction Sequence and Planning (565 work days)

As the scope of work is further detailed in the later design phases of the project, this concept construction management plan will also require modification.

Based on the building's pre-entitlement design, the project's construction will be divided into 3 distinct phases requiring respective logic to construct the building efficiently and minimize impact on surrounding streets and neighbors. These phases are:

Phase 1.	Demolition / Shoring / Excavation / Drainage with Waterproofing
	Estimated Start Dote :April 2022
	Duration 45 work days
Phase 2.	Foundations / Concrete Structure / Enclosure / Finishes
	Estimated Start Dote June 2022 Duration:
	438 work days
Phase 3.	Offsite Improvements / Landscaping
	Estimated Start Date. January 2024 Duration:
	82 work days

Estimated Dote of Completion.- May 2024

- End of Section 3 -

Environmental

4.0 Environmental

4.1 General

The objective of this section is to identify the pproposed methods that will be employed to minimize potential impacts of noise, vibration, and air quality in the vicinity of the development.

4.2 Noise and Vibration Management

Normal work hours will occur within Culver City's allowable construction hours of 8:00 AM to 8:00 PM, Monday- Friday. There will be some Saturday work that will occur within the allowable hours of 9:00 AM to 7:00 PM. No work will be taking in place on Sundays unless a temporary use permit is provided upon city approval.

All subcontractors will be responsible for managing noise and vibration in accordance with their project specific Management Plans. Some mitigating measures will include, but not be limited to:

- Documentation of major noise-generating construction equipment and its noise levels
- Requiring all construction equipment to be operated with an exhaust muffler and sound control devices that meet or exceed those provided on the original equipment.
- Requiring proper maintenance of construction equipment to minimize noise emissions.
- Requiring stationary source equipment to be located the greatest distance from the public right-ofway.
- Requiring construction workers to be respectful of the surrounding neighborhood and keep non-construction related noise to a minimum prior to, during, and after allowed construction hours.

After hours work may be required for specific tasks in order to minimize impacts to pedestrians, vehicular traffic or in the interest of safety. Proposed work to occur outside of normal working hours include the following:

- Foundation and Deck Pour
- Tower Crane erection and dismantling
- Manlift erection and dismantling
- Scaffolding erection and dismantling
- Offsite improvements

In cases where after hour's work will be required, consultation with pertinent Culver Citydepartments will occur prior to and works being scheduled. Businesses and surrounding residents will be given notification via email of the proposed after hours work prior to the starting said work including details of the work to be performed with an anticipated time required to undertake each activity. We do not foresee significant vibration generated by the construction that might impact adjoining properties.

Environmental

4.3 Dust Management and Erosion Control

Dust and Erosion control measures will be implemented as required and will comply with SCAQMD and Culver City regulations for controlling fugitive dust and Erosion. Measures that may be employed include:

- *Site Perimeter:* Erection of a temporary 6 ft. high chain link fence with attached windscreen at the site's perimeter. The fence will be moved and maintained as needed through the course of the project.
- *Demolition:* All trucks removing demolition materials from site will be loaded within the site perimeter and will be required to cover loads as deemed necessary for dust control.
- *Excavation:* Rumble strips at truck entry/exit ways, watering down working of stockpiles and surfaces as required, covering of stocks while minimizing piling of material, and use of street sweepers to maintain adjacent roadways.
- *Construction:* Maintain a high level of housekeeping to minimize likelihood of windblown dust.

- End of Section 4 -

Exhibits

5.0 Exhibit A

- 5.1 Exhibit A.1— Temporary Fencing Plan
- 5.2 Exhibit A.2 Pedestrian Routing
- 5.3 Exhibit A.2A Pedestrian Rerouting
- 5.4 Exhibit A.3 Site Logistics (Demolition & Grading)
- 5.5 Exhibit A.4 Site Logistics (Shoring)
- 5.6 Exhibit A.5—Site Logistics (Concrete Pour Segments)
- 5.7 Exhibit A.6 Site Logistics (Tower Crane & Fixed Placement Booms)
- 5.8 Exhibit A.7 Site Logistics (Framing)
- 5.9 Exhibit A.8 Schedule
- 5.9 Exhibit A.9 Haul Routes



Exhibit A.1 - Temporary Construction Fencing

Exhibit A.2 - Pedestrian Pre-Construction Routing



Exhibit A.2A - Pedestrian Rerouting



Exhibit A.3 - Site Logistics (Demolition/Grading)



Exhibit A.4 - Site Logistics (Shoring)







Exhibit A.7 - Site Logistics (Framing)



Exhibit A.8 Draft Construction Schedule

						Culver Oasis Preliminary Sch	edule.mpp
ID	0	Task Name	Duration	Start	Finish	AprMayJun Jul AugSepOctNovDec Jan FebMarAprMa	yJun Jul AugSepOctNovDec Jan FebMarAprMayJun Jul AugSepOctNovDec Jan FebMarApr
1		Contract Schedule Time Frame	565 days	Mon 4/4/22	Fri 5/31/24		P
2		Grading	45 days	Mon 4/4/22	Fri 6/3/22		 0%
3		Site Mobilization	5 days	Mon 4/4/22	Fri 4/8/22		▶ 0%
4		Demolition	10 days	Mon 4/11/22	Fri 4/22/22		▲ 0%
5		Shoring Verticals	13 days	Mon 4/25/22	Wed 5/11/22		▲ 0%
6		Export Removals with Lagging Install	15 days	Thu 5/12/22	Wed 6/1/22		▲_0%
7		Pad Certification/Survey	2 days	Thu 6/2/22	Fri 6/3/22		* 0%
8		Site Utilities/Streets/Landscape	551 days	Mon 4/11/22	Mon 5/20/24		
9		SCE/Telecom/SoCal Gas Preinstallation Meetings	5 days	Mon 4/11/22	Fri 4/15/22		<mark>≭ 0</mark> %
10		Install Dry Utility to Site	30 days	Tue 11/1/22	Mon 12/12/22		0%
11		Install Wet Utility Connections to Site	40 days	Tue 12/13/22	Mon 2/6/23		-0%
12		Street Interface Removal and Rebuild	52 days	Fri 1/26/24	Mon 4/8/24		
13		Street Landscape	30 days	Tue 4/9/24	Mon 5/20/24		
14		Parking Garage	378 days	Mon 6/6/22	Wed 11/15/23		
15		LEVEL B1 (Preinstall Meeting)	1 day	Mon 6/6/22	Mon 6/6/22		P 0%
16		Survey and Layout Level B1	2 days	Tue 6/7/22	Wed 6/8/22		0%
17		Underground Plumbing	10 days	Thu 6/9/22	Wed 6/22/22		~ 0%
18		Underground Electric/Low Voltage In Building Infrastructure	10 days	Thu 6/9/22	Wed 6/22/22		~ 0%
19		Elevator Pits	10 days	Thu 6/9/22	Wed 6/22/22		▲ 0%
20		Dig/Steel/Pour Footing	10 days	Thu 6/16/22	Wed 6/29/22		0%
21		Build Walls B1	20 days	Tue 6/21/22	Mon 7/18/22		0%
22		Steel/Form/Pour Concrete Columns B1	20 days	Thu 6/30/22	Wed 7/27/22		0%
23		Reinforcing Steel SOG	9 days	Thu 7/28/22	Tue 8/9/22		* 0%
24		Pour Slab on Grade	3 days	Wed 8/10/22	Fri 8/12/22		★0%
25		Falsework Install	10 days	Mon 8/15/22	Fri 8/26/22		× 0%
26		LEVEL L1 (Preinstall Meeting)	1 day	Mon 8/29/22	Mon 8/29/22		0%
	-1					1	r I II I



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ID	0	Task Name	Duration	Start	Finish	AprMayJun Jul AugSepOctNovDec Jan FebMarAprMa	ayJun Jul AugSepOctNovDecJan FebMarAprMayJun Jul AugSepOctNovDecJan FebMarApr
27	7	Retail/Parking/Market Podium Slab All Tasks Level L1	10 days	Tue 8/30/22	Mon 9/12/22		₩ 0%
28	3	Pour Podium Slab L1	2 days	Tue 9/13/22	Wed 9/14/22		0%
29	9	Strip and Clean Forms	2 days	Thu 9/15/22	Fri 9/16/22		0%
30	0	Build Walls L1	15 days	Mon 9/19/22	Fri 10/7/22		0%
3	1	Steel/Form/Pour Concrete Columns L1	15 days	Thu 9/15/22	Wed 10/5/22	-	0%
32	2	Falsework Install	10 days	Mon 10/10/22	Fri 10/21/22	_	▲ 0%
33	3	LEVEL L2 (Preinstall Meeting)	1 day	Mon 10/24/22	Mon 10/24/22	_	0%
34	4	Parking/Office Elevated Slab All Tasks Level L2	15 days	Tue 10/25/22	Mon 11/14/22		0%
35	5	Pour Parking Slab L2	1 day	Tue 11/15/22	Tue 11/15/22		0%
36	5	Build Walls L2	15 days	Wed 11/16/22	Tue 12/6/22	-	0%
37	7	Steel/Form/Pour Concrete Columns L2	15 days	Wed 11/16/22	Tue 12/6/22		• 0%
38	3	Falsework Install	10 days	Wed 12/7/22	Tue 12/20/22	-	∞ 0%
39	9	LEVEL L3 (Preinstall Meeting)	1 day	Wed 12/21/22	Wed 12/21/22	-	P 0%
40	0	Residential Podium Slab All Tasks Level 3	15 days	Thu 12/22/22	Wed 1/11/23		0%
4	1	Pour Podium Slab Level 3	1 day	Thu 1/12/23	Thu 1/12/23	-	0%
42	2	Strip and Clean Forms	1 day	Fri 1/13/23	Fri 1/13/23		**0%
43	3	Remove Falsework	10 days	Thu 2/23/23	Wed 3/8/23		-0%
44	4	Finish Work in Garage	90 days	Thu 3/9/23	Wed 7/12/23		
45	5	Elevators	45 days	Thu 3/9/23	Wed 5/10/23		
46	5	Inspections	30 days	Thu 7/13/23	Wed 8/23/23		
47	7	Turn Over Building for TI Build Out	60 days	Thu 8/24/23	Wed 11/15/23		
48	3	Apartment Structure Levels	361 days	Fri 1/13/23	Fri 5/31/24	-	
49	9	Survey and Layout	2 days	Fri 1/13/23	Mon 1/16/23		~~~~
50	0	Under Elevated Slab Plumbing	30 days	Thu 3/9/23	Wed 4/19/23		
5	1	Under Elevated Slab Electric/LV	30 days	Thu 3/9/23	Wed 4/19/23		
52	2	All Levels HVAC Work	75 days	Thu 3/9/23	Wed 6/21/23		



					Culver Oasis Preliminary Schedule.mpp		
ID	0	Task Name	Duration	Start	Finish	AprMayJun Jul AugSepOctNovDecJanFebMarAprMayJun Jul AugSepO	ctNovDecJanFebMarAprMayJun Jul AugSepOctNovDecJanFebMarApr
53		Frame Level L3 (76 units)	20 days	Mon 1/16/23	Fri 2/10/23		0%
54		Frame Level L4 (77 units)	30 days	Mon 2/13/23	Fri 3/24/23		09
55		Frame Level L5 (77 units)	30 days	Mon 3/27/23	Fri 5/5/23		*
56		Frame Level Roof	10 days	Mon 5/8/23	Fri 5/19/23		
57		MEPS Level L3	35 days	Thu 4/20/23	Wed 6/7/23		4
58		MEPS Level L4	32 days	Thu 6/8/23	Fri 7/21/23		
59		MEPS Level L5	30 days	Mon 7/24/23	Fri 9/1/23		
60		MEPS Roof	40 days	Mon 9/4/23	Fri 10/27/23		
61		MEPS Rough Inspections	2 days	Mon 10/30/23	Tue 10/31/23		
62		Roof	30 days	Mon 7/3/23	Fri 8/11/23		
63		Elevator Shafts Drywall	25 days	Mon 5/22/23	Fri 6/23/23		
64		Elevator Install Rough	80 days	Mon 6/26/23	Fri 10/13/23		
65		Elevator Adjustment	15 days	Mon 10/16/23	Fri 11/3/23		
66		Rough Framing Inspections	5 days	Wed 11/1/23	Tue 11/7/23		
67		Exterior Doors and Windows	40 days	Mon 5/22/23	Fri 7/14/23		
68		Exterior Skin Underlayment	15 days	Mon 7/17/23	Fri 8/4/23		
69		Lath Inspections	2 days	Mon 8/7/23	Tue 8/8/23		
70		Plaster/Siding/Misc. Exterior Finish	112 days	Wed 8/9/23	Thu 1/11/24		
71		Remove Scaffold Exterior Façade	10 days	Fri 1/12/24	Thu 1/25/24		
72		Interior Insulation/Drywall/Inspections Roof	5 days	Mon 8/7/23	Fri 8/11/23		
73		Interior Insulation/Drywall/Inspections Level L5	45 days	Mon 8/14/23	Fri 10/13/23		
74		Interior Insulation/Drywall/ Inspections Level L4	45 days	Mon 10/16/23	Fri 12/15/23		
75		Interior Insulation/Drywall/Inspections Level L3	41 days	Mon 12/18/23	Mon 2/12/24		
76		Gypcrete Set Up/Pour/Cure Level L5	10 days	Wed 11/8/23	Tue 11/21/23		
77		Gypcrete Set Up/Pour/Cure Level L4	10 days	Mon 10/16/23	Fri 10/27/23		
78		Interior Finishes Cabinets/Finish Carpentry/Tops Level L5	25 days	Wed 11/22/23	Tue 12/26/23		



							Culver Oasis Preliminary Schedule.mpp
			Task Name	Duration	Start	Finish	AprMayJun Jul AugSepOctNovDecJanFebMarAprMayJun Jul AugSepOctNovDecJanFebMarAprMayJun Jul AugSepOctNovDecJanFebMarApr
	/9		Interior Finishes Cabinets/Finish Carpentry/Tops Level L4	25 days	Mon 10/30/23	Fri 12/1/23	
	80		Interior Finishes Cabinets/Finish Carpentry/Tops Level L3	25 days	Mon 12/18/23	Fri 1/19/24	
	81		Misc/Finishes Cabinets/Finish Carpentry/Tops Level L1	5 days	Tue 2/13/24	Mon 2/19/24	
	82		Painting Level Roof	4 days	Fri 1/12/24	Wed 1/17/24	
	83		Painting Level L5	20 days	Tue 2/20/24	Mon 3/18/24	
	84		Painting Level L4	20 days	Mon 12/4/23	Fri 12/29/23	
	85		Painting Level L3	20 days	Mon 1/22/24	Fri 2/16/24	
	86		Flooring Level L5	10 days	Tue 3/19/24	Mon 4/1/24	
	87		Flooring Level L4	10 days	Mon 1/1/24	Fri 1/12/24	
	88		Flooring Level L3	10 days	Mon 2/19/24	Fri 3/1/24	
	89		Flooring Level L1	10 days	Mon 2/19/24	Fri 3/1/24	
	90		MEPS Finish (Boilers, HVAC Units, Solar) Roof	20 days	Thu 1/18/24	Wed 2/14/24	
	91		MEPS Finish Level L5	15 days	Tue 4/2/24	Mon 4/22/24	
	92		MEPS Finish Level L4	15 days	Mon 1/15/24	Fri 2/2/24	
	93		MEPS Finish Level L3	15 days	Mon 3/4/24	Fri 3/22/24	
	94		MEPS Finish Level L2	3 days	Mon 3/25/24	Wed 3/27/24	
	95		MEPS Finish Level L1	3 days	Mon 3/25/24	Wed 3/27/24	
	96		Final Clean/Blinds Level L5	5 days	Tue 4/23/24	Mon 4/29/24	
	97		Final Clean/Blinds Level L4	5 days	Tue 4/30/24	Mon 5/6/24	
	98		Final Clean/Blinds Level L3	5 days	Tue 5/7/24	Mon 5/13/24	
	99		Final Clean Levels L1, L2, B1	5 days	Tue 5/14/24	Mon 5/20/24	
	100		Finish Inspections	5 days	Tue 5/21/24	Mon 5/27/24	
	101		KPRS Quality Control and Turn Over	29 days	Tue 4/23/24	Fri 5/31/24	
	102		TCO - Substantial Completion	1 day	Tue 5/28/24	Tue 5/28/24	
	103		CO - Final Governmental Approvals	3 days	Wed 5/29/24	Fri 5/31/24	
	104 🛅	i	KPRS Demobilization Date	0 days	Fri 5/31/24	Fri 5/31/24	
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