

ARCHITECT/PAUL/RALPH/RUSTY
DCI/ADAM/KYLE
CIVIL/CHRIS DESLAURIUS
MFIA/BRYAN/DENISE
WYATT
ACTION ALARM
ROWEN

Site Development requires the following for intake: Shoring plan corrections identified by Amit

Shoring calculations I didnt find a separate shoring calculation package was it paired with a different document?
SHORING CALCS FOUND. DCI NEEDS STAMP. We need info from Jorge to complete.

The following comments can be addressed through checksheets. A factor of safety of 1.5 is identified in the foundation notes what factor of safety does this refer to? **DCI. We need info from Jorge to complete.**

Please verify the structural drawings include foundation details showing the minimum over-excavation and compacted structural backfill requirements necessary to achieve the design bearing capacity and settlement performance. **DCI & CHRIS DESLAURIUS. Coordinating with Scott Hardman to amend report to show for over-evac and backfill. Then Adam and Chris can update their drawings.**

Life Safety requires the following for intake:

* The beginning of the code summary is missing a project description - Height, Stories, Occupancy, Construction Type, High-Rise. **PAUL**

* I don't see documentation regarding meeting Oregon Energy Specialty Code in the code summary. **PAUL**

Also, there isn't a completed and signed Energy COMcheck. Something is listed as such in the documents folder, but it is only the Mechanical COMcheck. **BRYAN AND PAUL - Paul has info to complete.**

* This building is a high-rise, so the code summary should address all sections of OSSC 403 that apply to the proposed design. This is the main item hindering intake. **PAUL**

* I don't see exterior wall opening analysis required by OSSC 705.8 on the code summary/elevations. **PAUL**

Structural requires the following for intake:

1)Shoring drawings are incomplete. No details have been provided for tiebacks, rakers, lagging, design parameters etc. **JORGE PLI - To receive by Wednesday, Aug. 18**

2)Calculations are required for the design of the bearing walls shown on Z sheets by McClure Engineering - **Received and sent to Kyle and Adam for review.**

3)Provide details at the elevator pit shown on sheet S2.1 **DCI & PAUL**

4)Clarify the foundation required under the walls for the bump-out at grids 1.2 & 1 between grids A and B.1 and grids B.1 and C.1 in addition to the footing required under wall at stair along grid A. **DCI. Adam will Coordinate with Paul**

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5)S2.1 and other floor plans: Note 4c shows hatched areas where modular floor panel to floor below is not required. How are these areas defined (dimensions?) Why is there no connection required in these areas? **DCI & PAUL**

Some additional details that the **Engineer of record** may want to address before intake (these corrections are not required to complete intake but might be beneficial to correct(if required) to reduce the checksheet items later)

(a)S2.1 At grid B.1 2.3 Ref 2/S4.2 is incorrect **DCI & PAUL**

(b) S2.1:What is the size of the pilaster at grid B.1 and 3.4 ? the pilaster is shown to be different size than other pilasters **DCI & PAUL**

(c) S2.1 Detail 9/S4.1 referenced at grid B.1 1 appears **DCI & PAUL**

(d) S2.1: Level 1 Dwgs : Is the slab to the east of grid 5 between grids B and C 10 slab like rest of the level 1? **DCI & PAUL**

(e) S2.1 Detail 2 /S4,2 referenced along grid 5 appears incorrect. **DCI & PAUL**

(f)On sheet S5.1 detail 2 shows concrete topping on metal deck with dowels from the concrete topping to the wall.
DCI & PAUL

Where does this apply. If this does not apply, correct the detail. **DCI & PAUL**

(g) S2.1 It appears that several wide flange beams are supported on Wide flange columns and cantilever out such as at grids E.9-2 and E.6-2 etc. What is a typical detail in such a situation. ? **DCI & PAUL**

Fire has the following concerns with the submitted plans.

1. There isnt a fire command center. **PAUL & WYATT & Once a fire command center is established, devices can be shown for the contractor to complete for permit ready documents as part of the differed submittal. MFIA**

2.We will need to know what the stand-by/emergency power will be. Do they intend to provide a generator? **PAUL & WYATT & MFIA MFIA: On-site diesel generator is provided. See E1.01 & E1.11**

3.There is only one stair to the basement and the fire pump. **PAUL & MFIA**

4.We will need a rational analysis for the smoke control. **MFIA MFIA: Smoke dampers & elevator smoke curtains are located as required. Refer to mechanical plans.**

5.We will need to understand the sprinkler system and the redundancy. **PAUL & WYATT & MFIA MFIA: Fire sprinkler system designed by others.**

6.Fire alarm with voice evac. **PAUL & ACTION ALARM**

A voice evacuation fire alarm system has been indicated on plans and specifications. MFIA

MFIA: Refer to 'T' series sheets for fire alarm & low voltage systems.

Mechanical requires the following for intake:

1.Please provide mechanical and building construction contract amount. The construction cost for mechanical cost is \$100,000 and the building cost is \$3.43 million dollars. **ROWEN**

2. Show room name on plans **PAUL**
3. Provide ventilation table for common areas **MFIA**
MFIA: Refer to mechanical
4. Provide air balance table for laundry room **MFIA**
MFIA: Refer to mechanical
5. Provide fire rated assembly penetration details. Is the duct penetrating rated assembly or in a soffit? Provide cross section for the duct routing. **PAUL & WYATT & MFIA**
MFIA: Refer to mechanical
6. Provide fire command center **PAUL**
7. Elevator machine room cooling equipment shall be connected to standby power **PAUL & MFIA**
MFIA: Elevator machine room to be defined, refer to mechanical for cooling.
8. Show smoke control fan VFD locations on plan **PAUL & MFIA**
MFIA: Refer to mechanical.
9. Show cooling method for electrical room housing emergency power equipment. Cooling system shall be connected to standby power. **PAUL & MFIA**
MFIA: Refer to mechanical
10. Provide Fire Life safety binder content outlines for preliminary review **PAUL & WYATT & MFIA**
MFIA: Refer to Div 28 specifications.
11. Provide rational analysis report for the smoke control systems **PAUL & MFIA**
MFIA: Refer to mechanical
12. Provide Fire Fighter Control Panel (FFCP) Layouts **PAUL & WYATT & MFIA**
MFIA: Refer to tech plans ('T' sheets).
13. Provide sequence of operations for the smoke control systems. FFCP and smoke control system SOO shall be in the same series **PAUL & WYATT & MFIA**
MFIA: Refer to tech plans ('T' sheets) and product documentation.
14. Provide smoke control system Special inspection report outline **PAUL & MFIA**
MFIA: Refer to mechanical
15. Provide smoke control system maintenance program and maintenance schedule outline **MFIA & ACTION ALARM** **MFIA: Refer to mechanical**
16. Provide all the smoke control system equipment cuts **MFIA & ACTION ALARM** **MFIA: Refer to mechanical**
17. Provide complete emergency generator system with fuel fill oil system design. Provide equipment cuts **PAUL & MFIA** **MFIA: Refer to sheet E1.11 and associated Div 26 spec sections for generator design. Product cutsheets will be available after contractor submittal reviews are complete.**
18. Provide seismic attachment details and calculations **DCI & MFIA**
MFIA: Seismic details are provided by the manufacturer for the generator equipment.
19. Provide complete natural gas system design and gas riser diagram. **MFIA**
MFIA: Refer to mechanical

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20. Fix architectural plans stamp. **PAUL**

21. Is the roof lounge a viewing deck or there is other fixture in the lounge such as fire place, bbq grill etc **PAUL, no gas fixtures**

22. Coordinate electrical plans with mechanical plans **MFIA**

MFIA: Electrical plans are coordinated with mechanical (to date). Additional information for the sewer system is pending.

23. Fill the electrical panel schedule matching mechanical plans. **MFIA**

MFIA: See response for item #22.

24. Plans shall be completely coordinated with other trades. Any incomplete coordinate plans will be returned without further review **PAUL & MFIA**

MFIA: All electrical plans are coordinated with the information provided by other trades, to date. Any missing information would be due to the information not being relayed to our office.

PBOT Bridges and Structures requires the following for intake:

* Plan sheet C2.3 shows proposed excavation and shoring will be required for the project. Note 3 states that the contractor is to install shoring per shoring plans provided by others.

* The above noted shoring plan, accompanied by engineered shoring calculations stamped by a professional engineer registered in the state of Oregon, are required to be included in the submittal for this project. The shoring shall be designed in accordance with the geotechnical design memorandum provided by Hardman Geotechnical Services, Inc. dated April 6, 2021. **NEED DCI STAMP/APPROVAL on shoring calcs. Kyle & Adam have shoring calcs. Need reviewed.**