

# OCEANSIDE UNIFIED SCHOOL DISTRICT DISTRICT SERVICES OFFICE



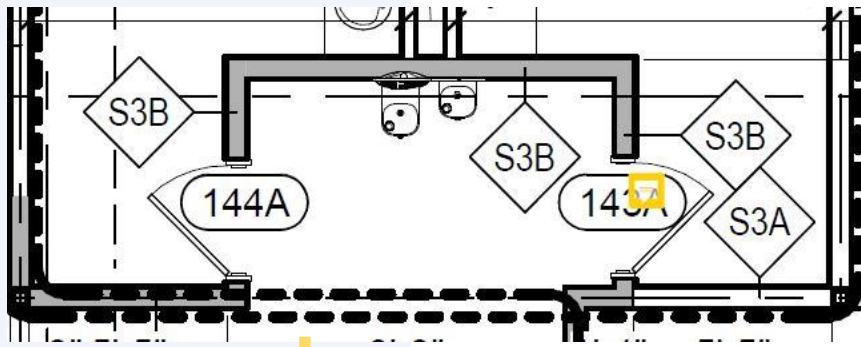
50% Construction Documents (issued on April 18, 2023)

Review Report –Rev 00 – June 19, 2023

(Documents analysis, coordination, integration and constructability)

Architecture  
and  
Structural

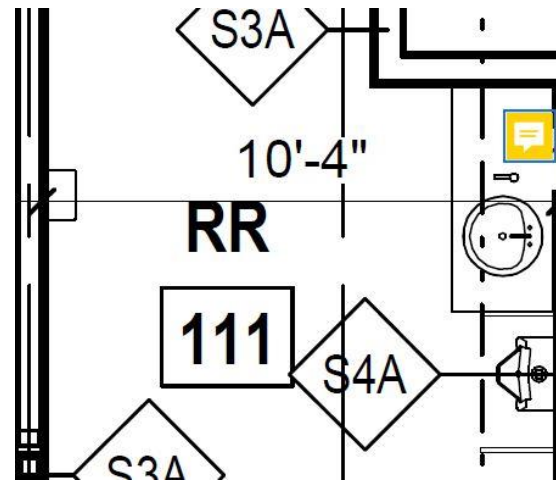
**Review**



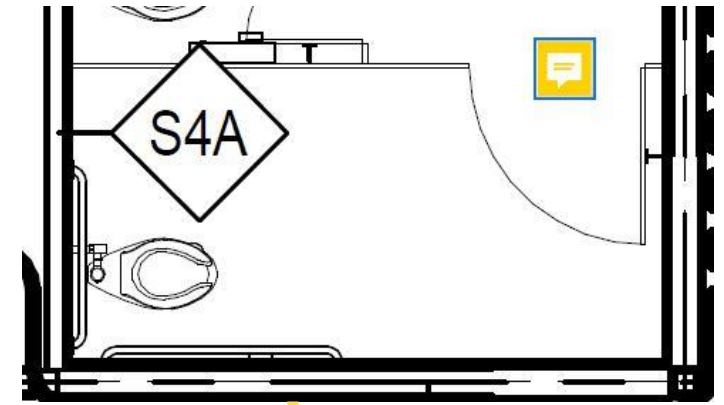
01-Please check if any doors undercut or louver grill for negative pressure spaces.

First floor – RN (104, 111, 112, 143,144, 145 )  
 Second floor – RN (213, 214,216)

02-In public bathrooms "RR" please clarify if the number of sinks in enough for the floor occupancy

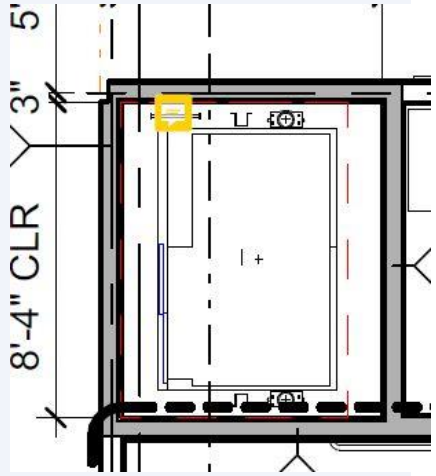


First floor – RN (111, 143)

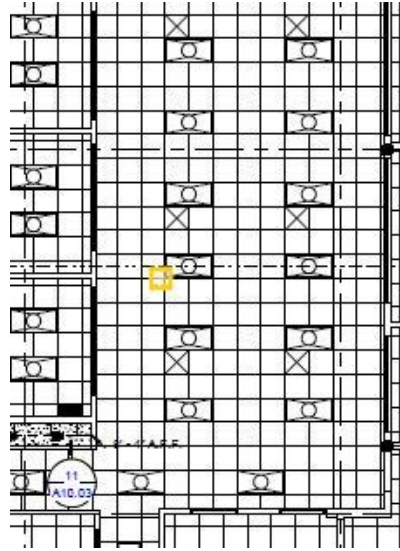


03-In the public bathrooms "RR" handicapped toilet door direction open is inside "check and revise the direction "

First floor – RN (111, 143)  
 Second floor – RN (213, 214)



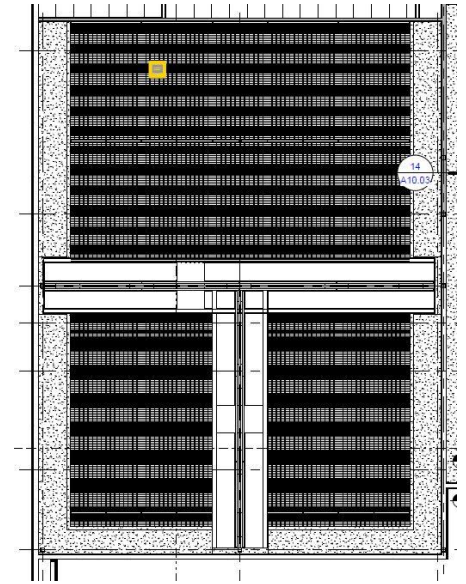
04-The elevator shaft walls have no opening in any floor plans.



05-Revise and checking for all Returning HVAC systems in ceiling plans

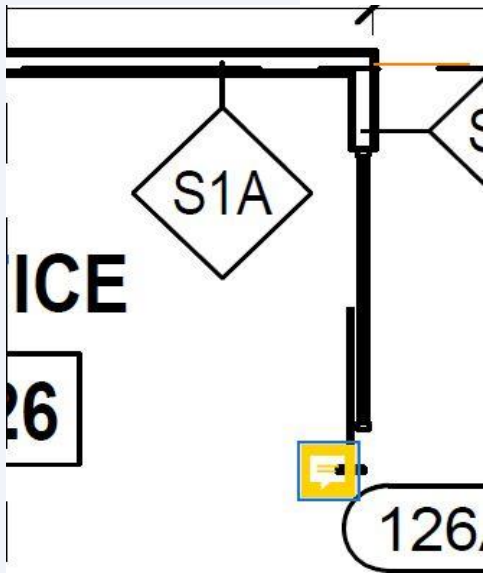
06-Re-check and co-ordinate the maintenance access panels in ceiling plans

Ceiling plan



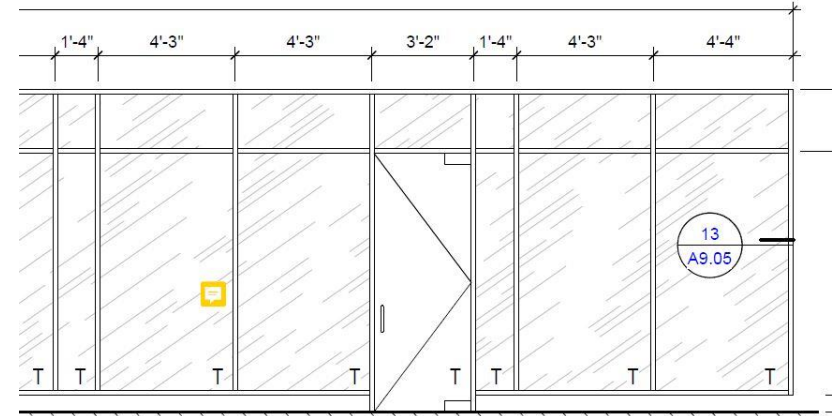
07-There is no lighting fixture shown for the "Board Room" in ceiling plan or even the electrical drawings but there is only LED strip light which is not providing much LUX for the big hall

Ceiling plan (second floor)




08-There is no description and details for the sliding doors

09-There is no description and details for the "FG" door type



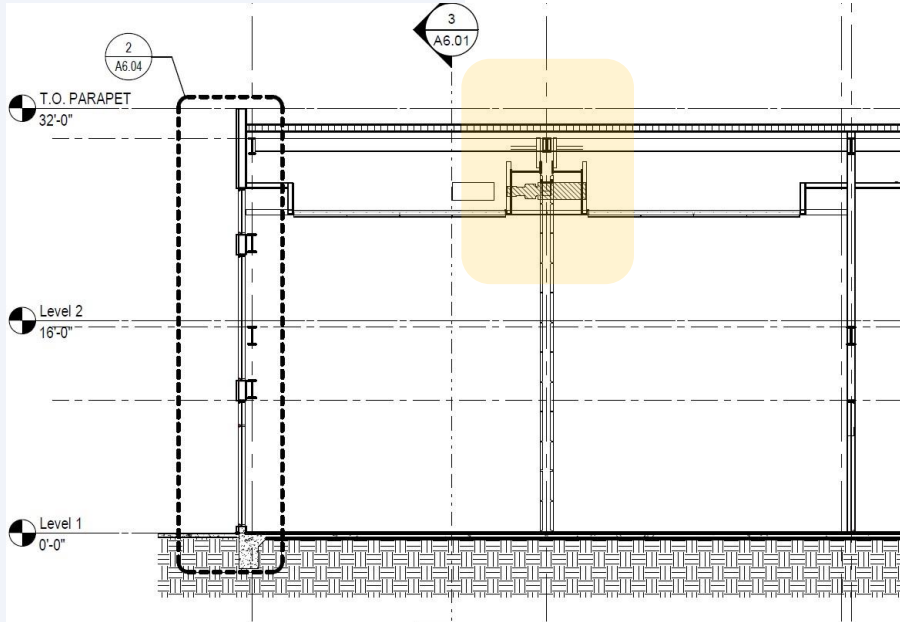
10-In storefront glass there is some of the glasses in Timbered and some else in not Timbered please check

### DOOR SCHEDULE

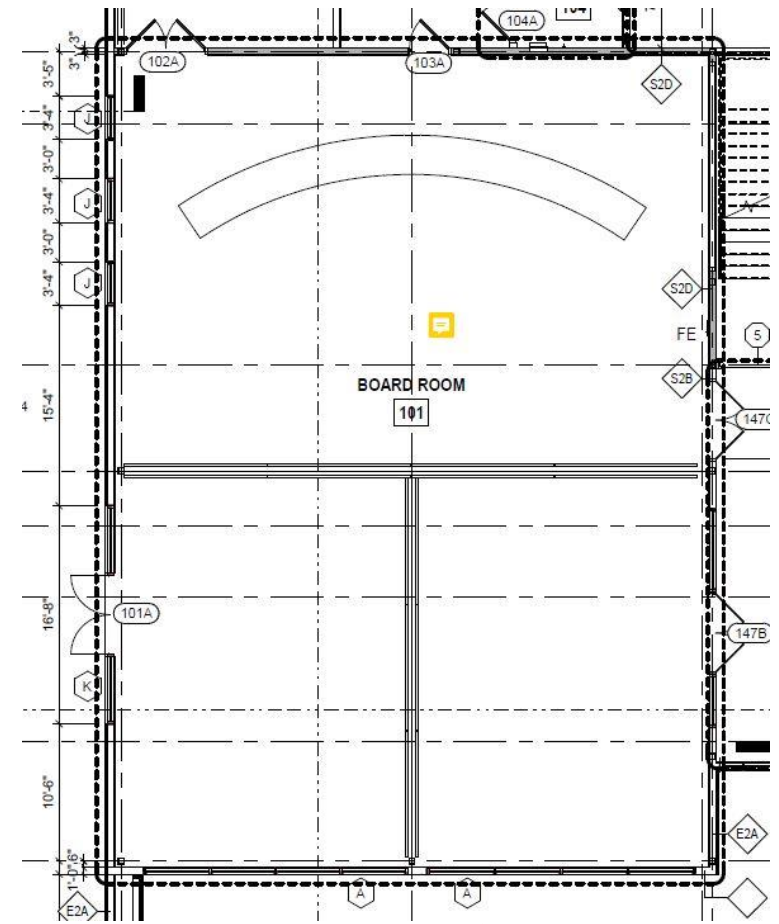
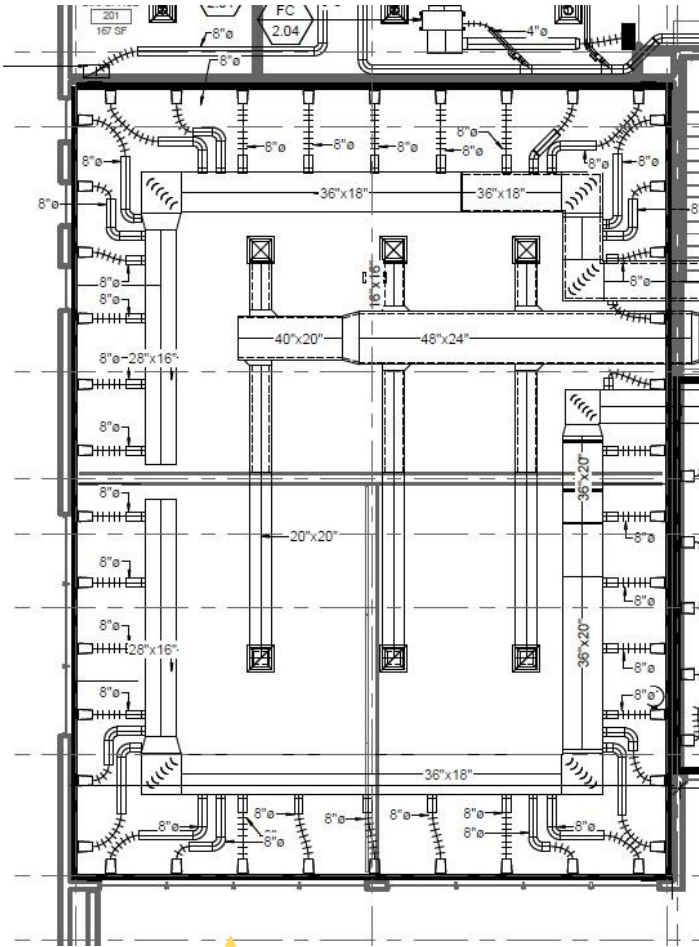
DOOR #	LOCATION	TYPE
101A	101-BOARDROOM	FG 
102A	102-STORAGE	F

Door schedule

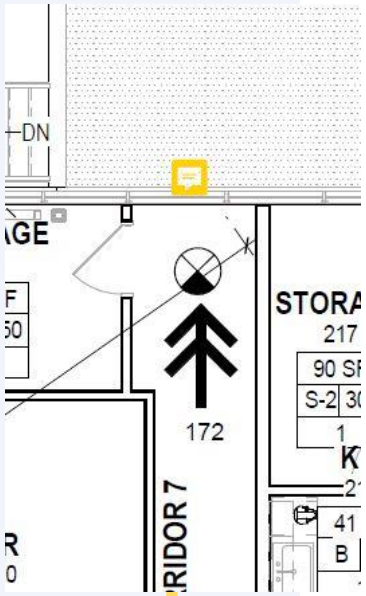




11-The Section Showing the height of the splitter portion



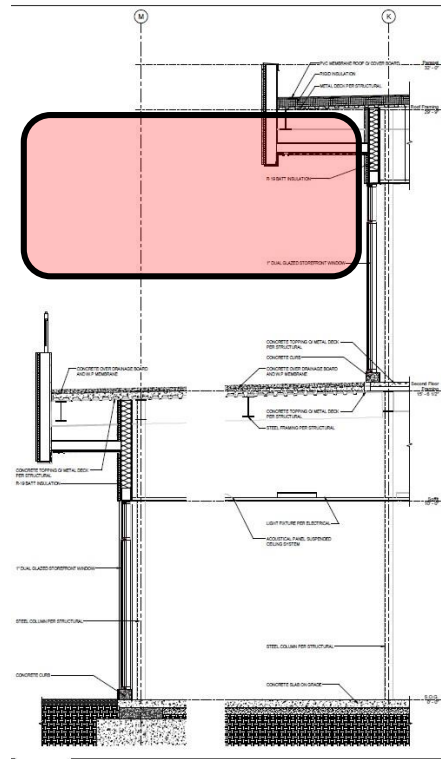
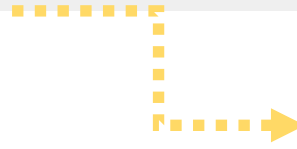
12-In the "Board Room", please check the height of rolling down separate with the HVAC duct work because there will be intersect conflict between the Duct and the Rolling machine



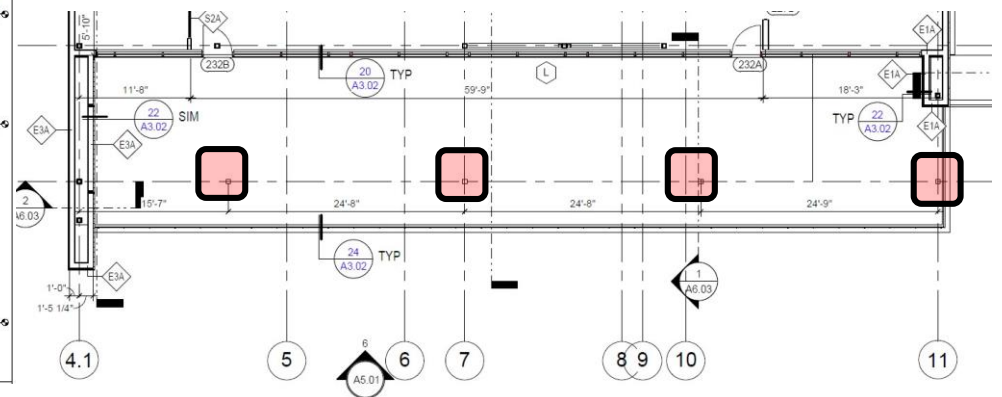
13-In the CODE ANALYSIS drawings that showing the Emergency evacuating strategy, in the second floor between axe 6 & 7 there no door opening for the emergency exit, please check and clarify

Second floor

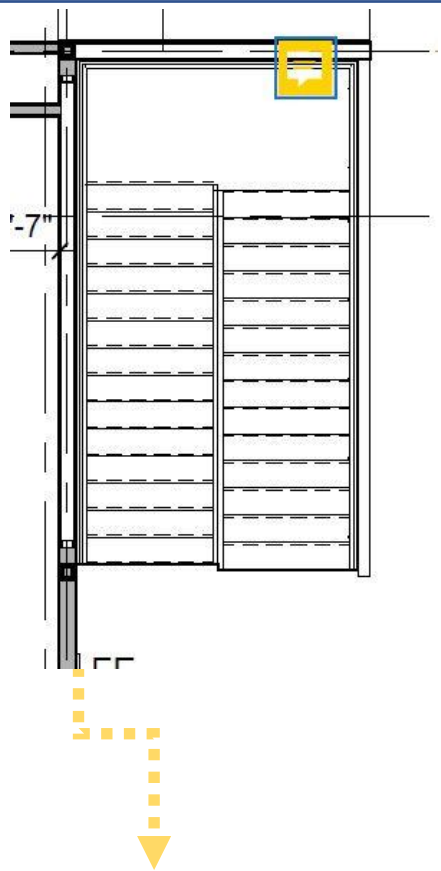
14-The 3D shot showing there is a sunshade above the outdoor terrace in second floor but no details provided or mentioned in architecture drawings



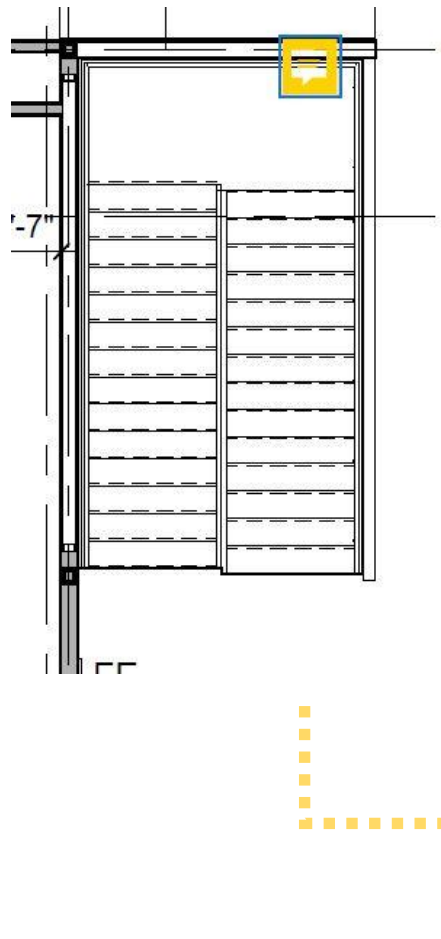
The Section Not showing the tent



In Terrace showing the columns but no shell



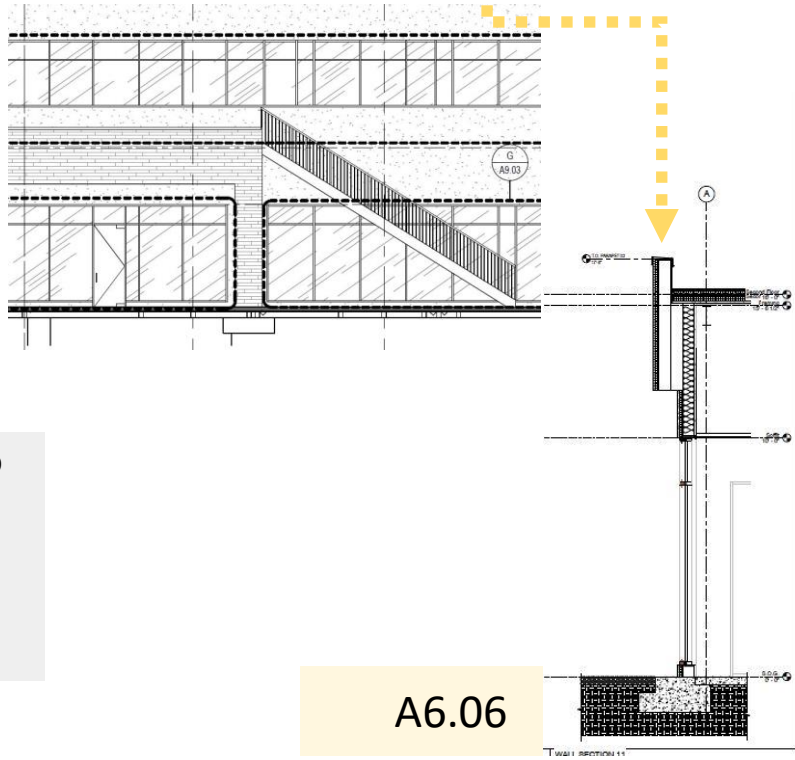
15-There is no details or enlarged plan and sections for the staircase ; showing any details for finish's and levels .



16-There is no access or stair going up to the upper roof of building for the maintains or else, please clarify if it's no need

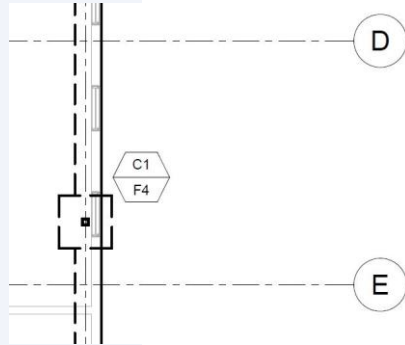
17-at the first floor exterior deck along Axe "A" from Axe 6 to 12 Please consider the parapet height while using this external deck as an emergency evacuation plan

A5.01



A6.06



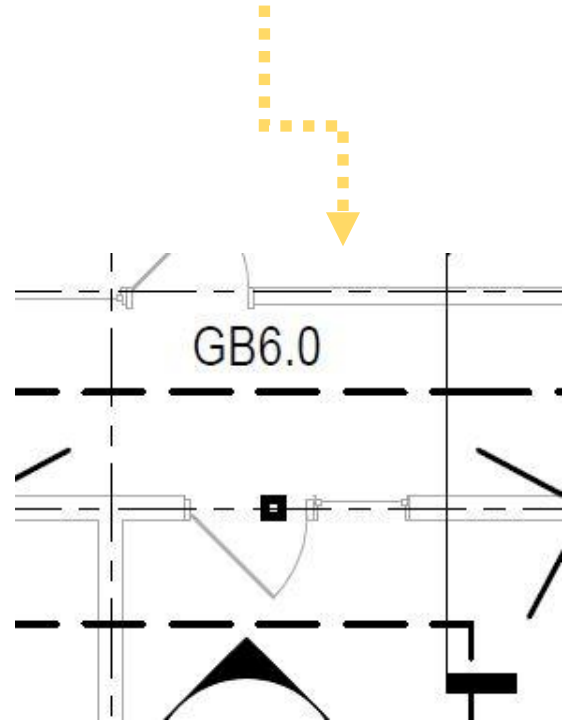


S - 101

18-Check and relocate column "c1" between axe " D & E " on axe " 12 " if relocate is better for the window.

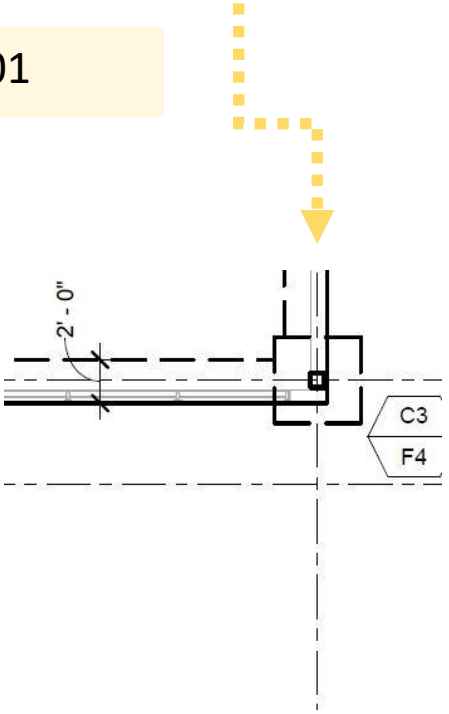
19-Check the door location and co-ordinate it with the steel bracing along axe "D"

S - 101



20-For example the structural column along axe " 3.1 " referenced to column schedules the width of columns for "c3" is 8\*8\*0.5 and in Architecture drawing Shows that column is embedded in partition type . " E2A" , that's width in 6" please check the thickness of columns that can't applied inside the wall.

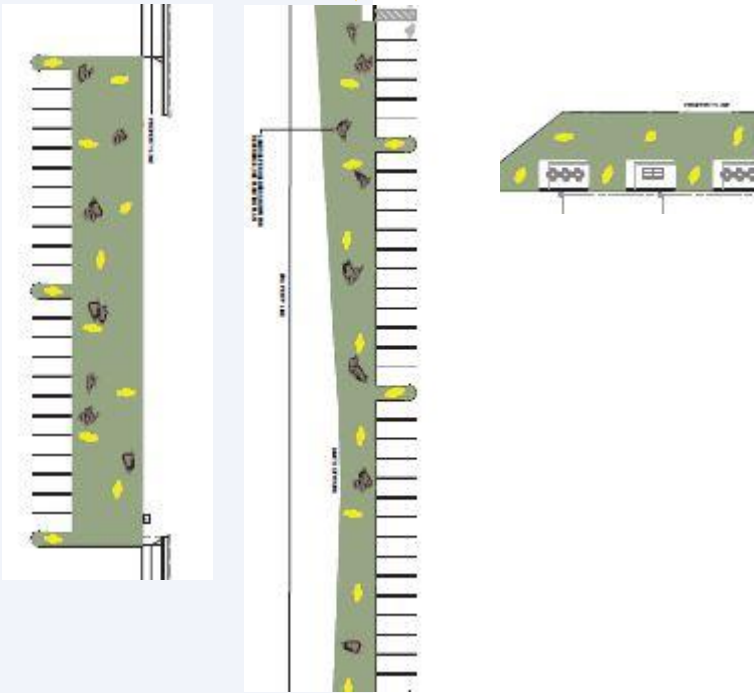
S - 101



MPETFS **Review**

01-There is no piping network for irrigation except at property line

L2.01



02-Missing Valves box locations & rain sensor shut off devices

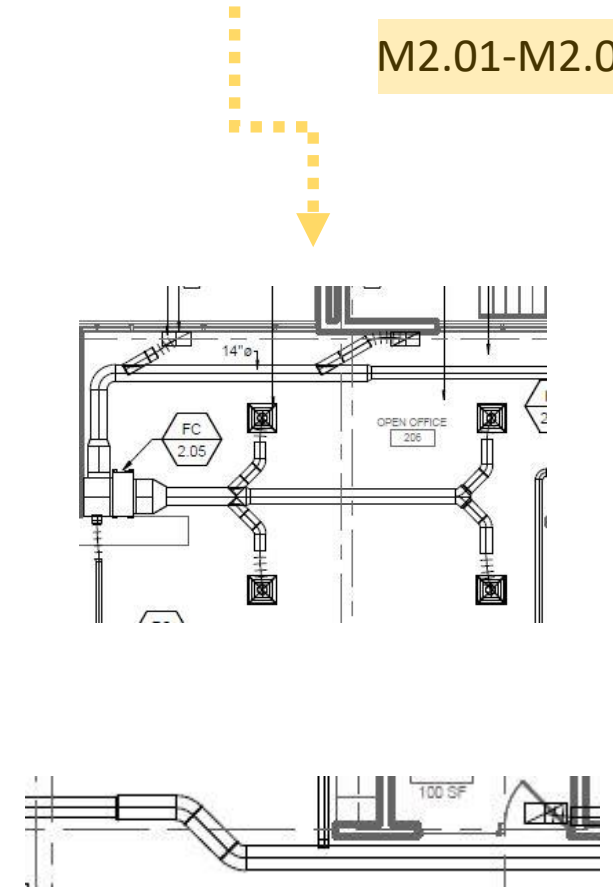
M2.01-M2.02

03-All air outlets sizes and cfm capacities need to be clarified

M2.01-M2.02

04-missing info for ducts (dimension & air volume)

M2.01-M2.02

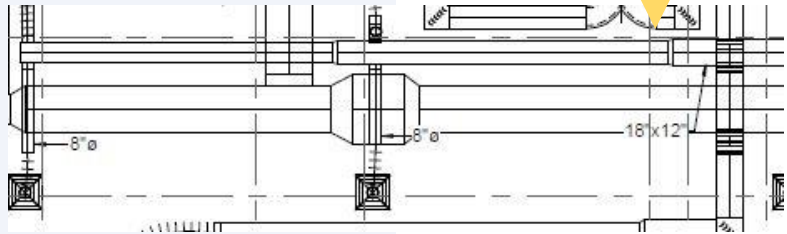


05-Static pressure for all fans needs to be checked by contractor

M4.01-M4.02

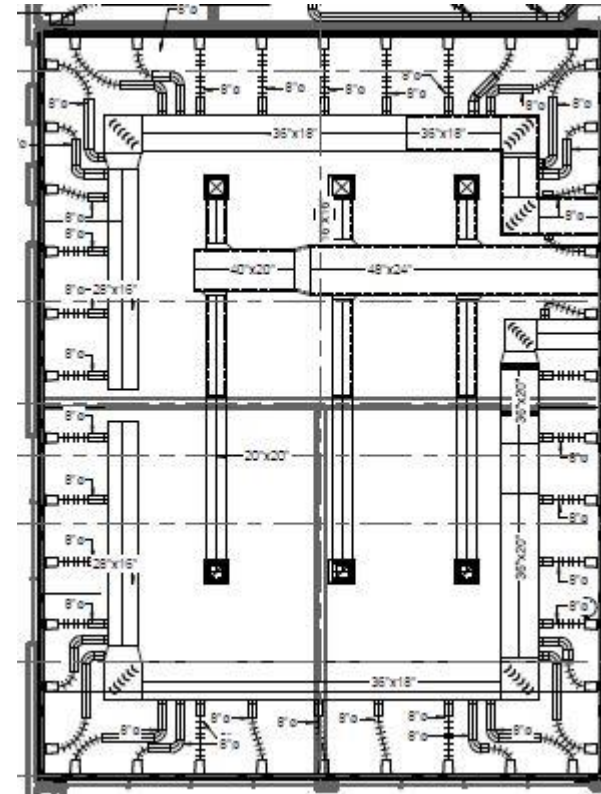
06-Check fire damper used for fresh air ducts in case of fire scenario

M2.01-M2.02



07-Duct work and flexible routing at board room need to be checked and coordinated with architecture

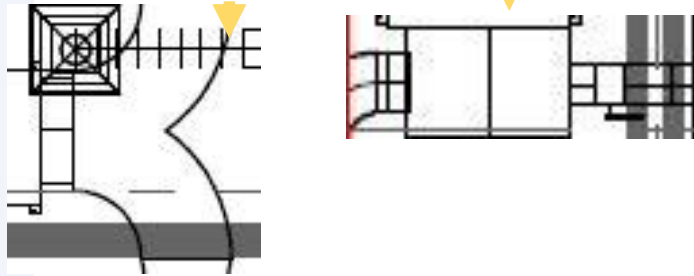
M2.01-M2.02





08-Return air plenum box details needed

M2.01-M2.02



09-Enlarged details for rest rooms need more details

P4.01-P4.02

10-Fan coil unit thermostat need to be coordinated with arch and there is missing thermostat not shown.

P2.01

12-Fan coil unit drain detail is missing and some units drain is missing

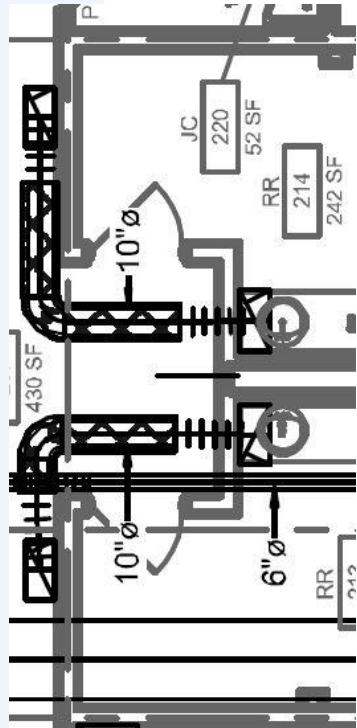
P2.01

11-Spacing between supply and return grills in some spaces need to be checked to avoid air shortcuts, if any



13-Clarify the function of the duct serves restrooms (111,112,113,114, .....etc) as per attached sketch.

P2.01

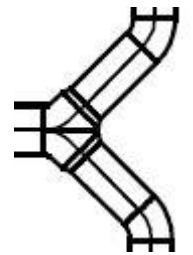
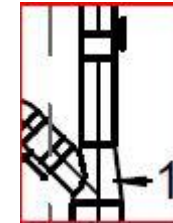
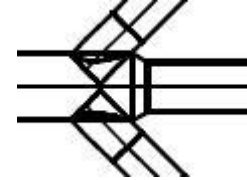
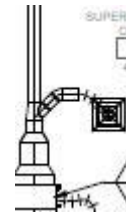
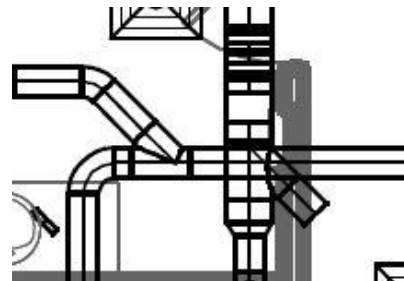


14-Refrigerant pipes network & routing are missing (except VRF SLD)

M5.04

15-Check duct work fabrication specs to compile with SMACNA and other standards

M2.01-M2.02



16-Check and coordinate duct sizes and routing considering the braced and x-braced for steel structure.

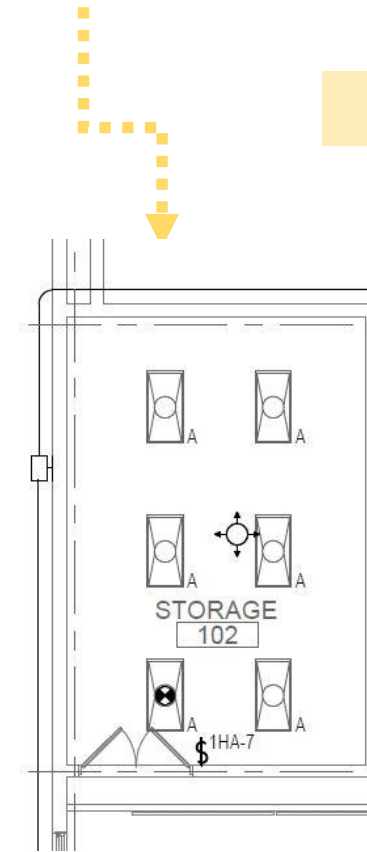
17-Check if all fan coil units are connected with main drainage network without any clashes with other works.

18- check the number of lighting fixture addressed to the same circuit not to exceed the standard, i.e. 2HA-9 , 2HA-7

19- Clarify the SLD of lighting emergency loads

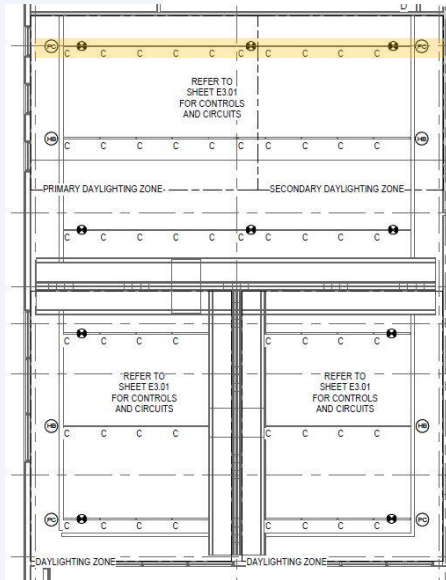
20- Check wiring of lighting fixture for room (102,106,107,108,109,116,111,146)

E3.01



21-LED strip in BOARD ROOM need to be checked for enough lighting

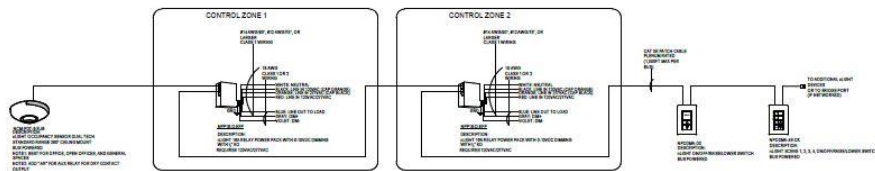
E3.02



22-check the same function space for (Board room in the plan of lightning E3.02 ) and ( conference room sheets E6.06)

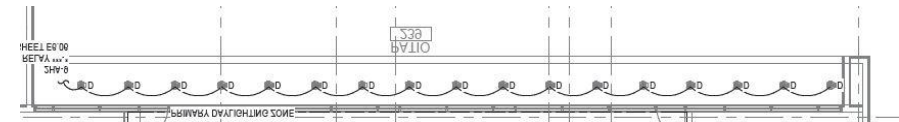
E6.06

### CONFERENCE ROOM



23-check enough number of lighting circuits in outdoor areas to serve reliability of different power sources

E3.02

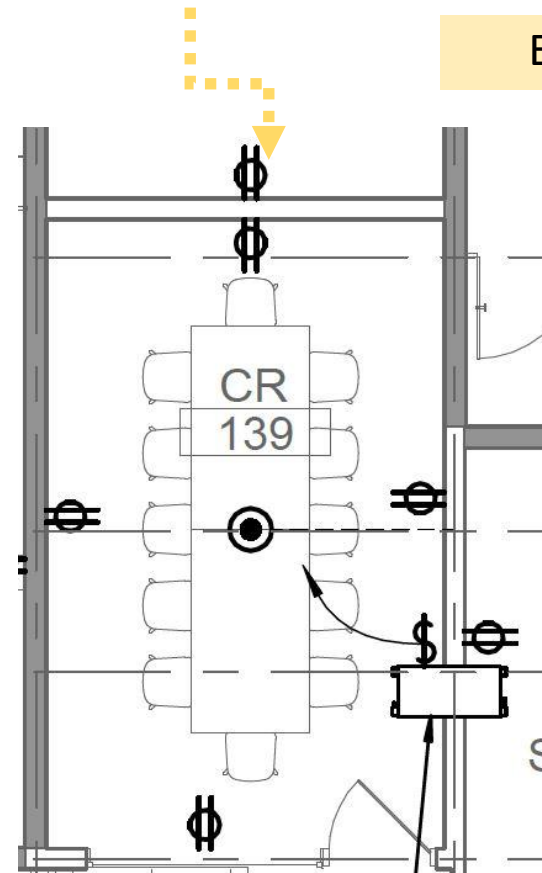




24- missing wiring & no of circuits for power services receptacle

25- missing the location of distribution board panel on the roof

26-check for the number of circuits related to the number of power service (E2.01)



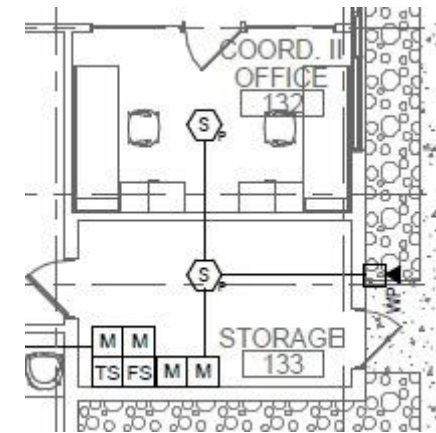
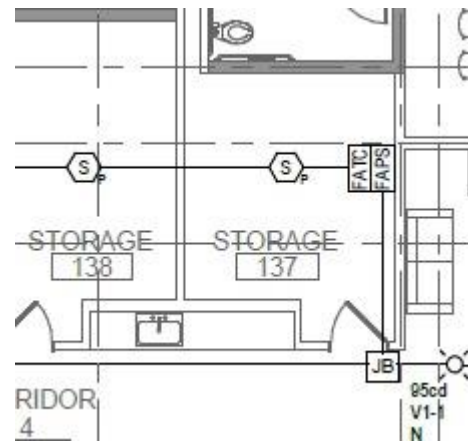
E2.01

27-clarify the SLD of power emergency (E2.01,E2.02)

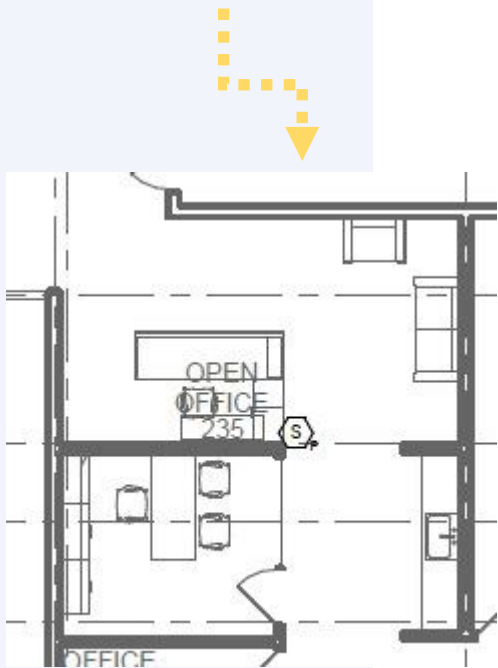
28-Check the number of loops in FACP panel and panels location.

29 -Check Horns/strobes loop to be separated from detectors loop, refer to (FA2.01) Please clarify.

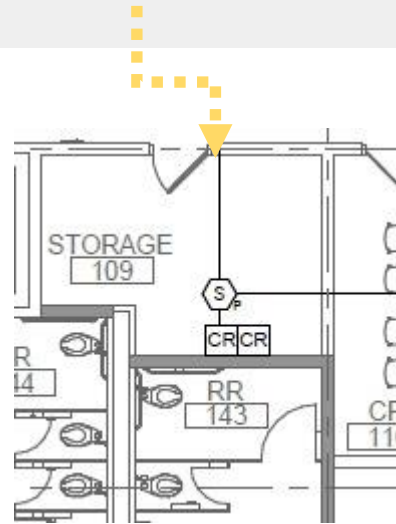
30- Check the 4 monitor modules in storage room, refer to (FA2.02)



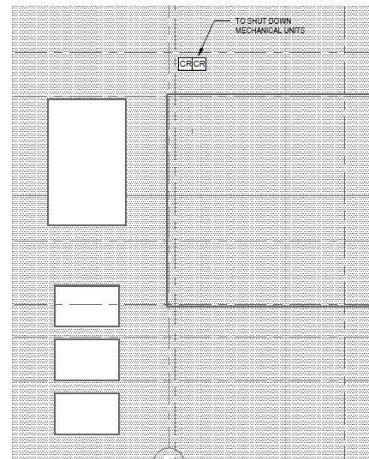
31- Check smoke detector location in offices as possible to avoid dark point.



32- Check the two relay modules CR, refer to (FA2.01)



33- Check smoke detector locations/distribution in open office to avoid dark point (FA2.02)



34- Protection panel is needed on the roof for AC components protection and add MM for monitoring, refer to (FA2.03)