

GENERAL

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated February 2024 and consists of pages AD1-1 through AD1-3, PSSB Data As-Built and PSSB RCP As-Built. The following changes, additions and/or deletions shall be made to the following documents; all other conditions shall remain the same.

ITEM NO. I – RFI/CLARIFICATIONS

1. **Question:** Partial scope of work describes removing existing (48) Cat 5e cables from existing 2" conduit and replacing with (48) Cat 6A cables. 2" conduits with 40% fill will only support (32) Cat 6A. Please clarify rough-in scope of work and confirm if new conduits will be required and provided/installed by electrical contractor.
Answer: (48) Qty should have been better clarified. Each 2" conduit appeared to be paired to a 48 port patch panel but may have less cables than 48 going through it. In the 1st floor Telecom Room there are 432 Cat 5 & Cat 5E cables routed through (12) 2" conduits or roughly 36 cables per conduit. It is understood we may exceed the 40% fill rate based on existing conditions and the switch to Cat6A cabling.
2. **Question:** Please confirm that the existing conduits within the walls for station cabling are large enough to support the new Cat 6A cabling.
Answer: The assumption is existing data outlets either being box/conduit, power pole fed to system furniture SMB, or ring and string will allow for the (2) Cat 6A cables replacing old Cat 5/Cat 5E data cables. Conduits in walls, if existing, are likely ¾ inch and will not support parallel installation; however, the intent is to replace in kind as cables are installed, so existing conduits should have capacity.
3. **Question:** Please confirm that all WAPs will be OFOI. (none will require seismic supports).
Answer: WAPs to be OFOI. Contractor to provide 4 11/16" Square x 2 1/8" deep junction box with spanner bar attached to t-bar ceiling with a slack wire attached to deck and (2) Cat 6A cables terminated inside the junction box for the owner to attach and connect their WAP to.
4. **Question:** Please confirm the UCD IT will be responsible for disconnecting/reconnecting all hardware when racks are relocated.
Answer: Hardware will not be disconnected to move the racks. If a situation arises where it is needed, UCDH IT will disconnect and reconnect.
5. **Question:** Will there be a burn-in time (delay) for new switches between the relocation/new installation of racks and the re-cabling to Cat 6A cabling?
Answer: All cabling will be replaced and repatched to existing network independent of equipment refresh.
6. **Question:** Are the pictures shown for typical Telecom Room set-up any one of the existing TR rooms in this project? If so, my concern is that there are roughly (700) existing station cables shown. The most station cables to be replaced I count for any floor is (258) on the 1st Floor. Are there more cables to be demoed than replaced?
Answer: There are existing voice cables to remain but the amount of data cables being removed and replaced should be roughly the same. See attached as-builts of the voice / data outlet terminations furnished for your awareness. Every outlet location will get have its data cables (typically 2-Cat5) removed and replaced with (2) Cat 6A cables. Independent voice cables will need to be replaced with a data cable to allow for VoIP.
7. **Question:** Please clarify if the removal of the existing multimode fiber backbones can be done during normal working hours?
Assume all work to be done after normal business hours.
8. **Question:** Please clarify if the Low Voltage contractor will be provided and installing any singlemode fiber optic patch cords in the IDF's. If yes, please provide quantities and lengths.

Answer: Low Voltage contractor shall provide, install, and terminate SM fiber backbone telecom cabling and AFL Ascend Series Fiber Termination Shelves + Cassettes. Patching fiber will be the owner's responsibility.

9. **Question:** Please clarify where we will be able to stage the materials.

Answer: Contractor to plan on having no material staging spaces available during the project and be required to bring in material needed for each shift daily.

10. **Question:** Will our technicians be able to use the restrooms in the building?

Answer: Yes.

11. **Question:** Is there a site orientation our technician will have to attend prior to working in the building?

Answer: No, but we recommend an early project meeting be dedicated to coordination with UCDH IT.

12. **Question:** Will our technicians be required to get photo ID Badges?

Answer: All contractors and subcontractors on site will need to obtain a UCDH Identification Badge. Badge requests are conducted online. You will be provided a link.

13. **Question:** Please clarify if the low voltage contractor will be responsible for moving the desks and furniture when required to access a wall outlet.

Answer: UCDH has not made provisions to support furniture relocation/removal. Some shifting of desks and furniture by contractor should be anticipated.

14. **Question:** Please clarify if the GC or the low voltage contractor will be responsible for opening and closing the ceiling tiles.

Answer: The General Contractor has final responsibility for maintaining existing conditions during construction. General contractor to coordinate any subcontractor support as necessary.

15. **Question:** Please clarify if the GC or the low voltage contractor will be responsible for providing protection for the existing desks and furniture.

Answer: The General Contractor has final responsibility for maintaining existing conditions during construction. General contractor to coordinate any subcontractor support as necessary.

16. **Question:** Please confirm we will not be required to provide any new faceplates at the workstations.

Answer: Replace old category data and voice jacks with new category 6A data jacks in existing tele/data plates.

17. **Question:** Please confirm the ceilings on each floor are drop tiles in the areas where we will be required to access the ceiling.

Answer: See attached as built reflected ceiling plans. There are limited areas where a hard lid ceiling is present.

18. **Question:** Please confirm the ceiling height on each floor is not higher than 15'.

Answer: Confirmed. Caveat being the entryway atrium space. See reflected ceiling plan as built files for to reference extent of atrium space.

19. **Question:** Shall we assume that every existing faceplate has (1) voice cable?

Answer: See attached as-builts from UCDH IT for voice/data quantities at each outlet location. Keep in mind every location regardless of the number of voice/data drops is getting (2) replacement CAT6A data drops.

20. **Question:** Shall we assume that we will not have to provide any new voice modular jacks at the workstations?

Answer: No new voice jacks will be installed. All new terminations will be with Cat6A RJ-45 connectors. All new cabling will be data as we are moving to VoIP.

21. **Question:** Please clarify if we will have to re-terminate or retest any of the existing voice cables.

Answer: Only if the cabling is damaged during the installation. All Voice Cabling is currently active and working and the responsibility of the contractor is to keep it that way during construction.

22. **Question:** Please clarify if Electrical Contractor or the Low Voltage Contractor will be providing and installing the 4" J-Hooks for the Primary pathways.

Answer: Contractor choice.

23. **Question:** Please confirm the Electrical Contractor will be responsible for installing any new backboxes or cut-ins if required at the workstations.

Answer: Intent is to use existing voice/data outlet junction boxes or ring & string installations for replacement cabling. Intent is to use existing power poles to refeed system furniture. Contractor to report any damaged installations which require replacement during construction.

24. **Question:** Can you please provide a construction schedule or provide the anticipated start and finish dates for each floor?

Answer: Anticipated start of May 2024, anticipated completion May 2025.

25. **Question:** Please confirm the GC will be responsible for patching the floors after we relocate the relay racks.

Answer: Please plan for a grout infill of the old bolt holes.

26. **Question:** Please confirm we are assuming that any of the existing cables that are remaining on the racks we are relocating have enough length to be relocated.

Answer: Correct, assume enough slack exists to accommodate moves. If the contractor team finds there isn't enough slack report the condition via RFI and the EEOR/UCDH IT/Contractor Team will coordinate to adjust rack shifting in the rooms to accommodate the existing conditions.

27. **Question:** Please clarify if the owner or the low voltage contractor will be providing and installing the new copper patch cords at the workstations. If we are please provide the required quantities and lengths.

Answer: Contractor to re-plug in (E) patch cords at the workstations.

28. **Question:** Please clarify if the owner or the low voltage contractor will be providing and installing the new copper patch cords at the Telecom Rooms. If we are please provide the required quantities and lengths.

Answer: Existing patch cords will be plugged into the new data cabling. Contractor will be responsible for repatching.

29. **Question:** Please clarify if we are only responsible for testing the new Category 6A jacks at the workstations prior to the start of business operations the following day. Or will we be responsible for plugging in the patch cord(s) to the equipment on the desk and install the patch cords in the Telecom Rooms?

Answer: Contractor to test new Category 6A jacks at the workstations and plug in the (E) patch cords at the workstation equipment. Contractor will plug existing patch cables at the TR side as well.

30. **Question:** Please clarify if we will be required to have a technician on sit the following morning to ensure everything is working properly. If yes, please clarify what would be the starting time and for how many hours.

Answer: Support will be required after a section is completed. Contractor to provide Linkrunner tests at each station location to ensure connectivity with the switch. Any devices that do not show connectivity would need to be investigated and corrected before 6:45 am.

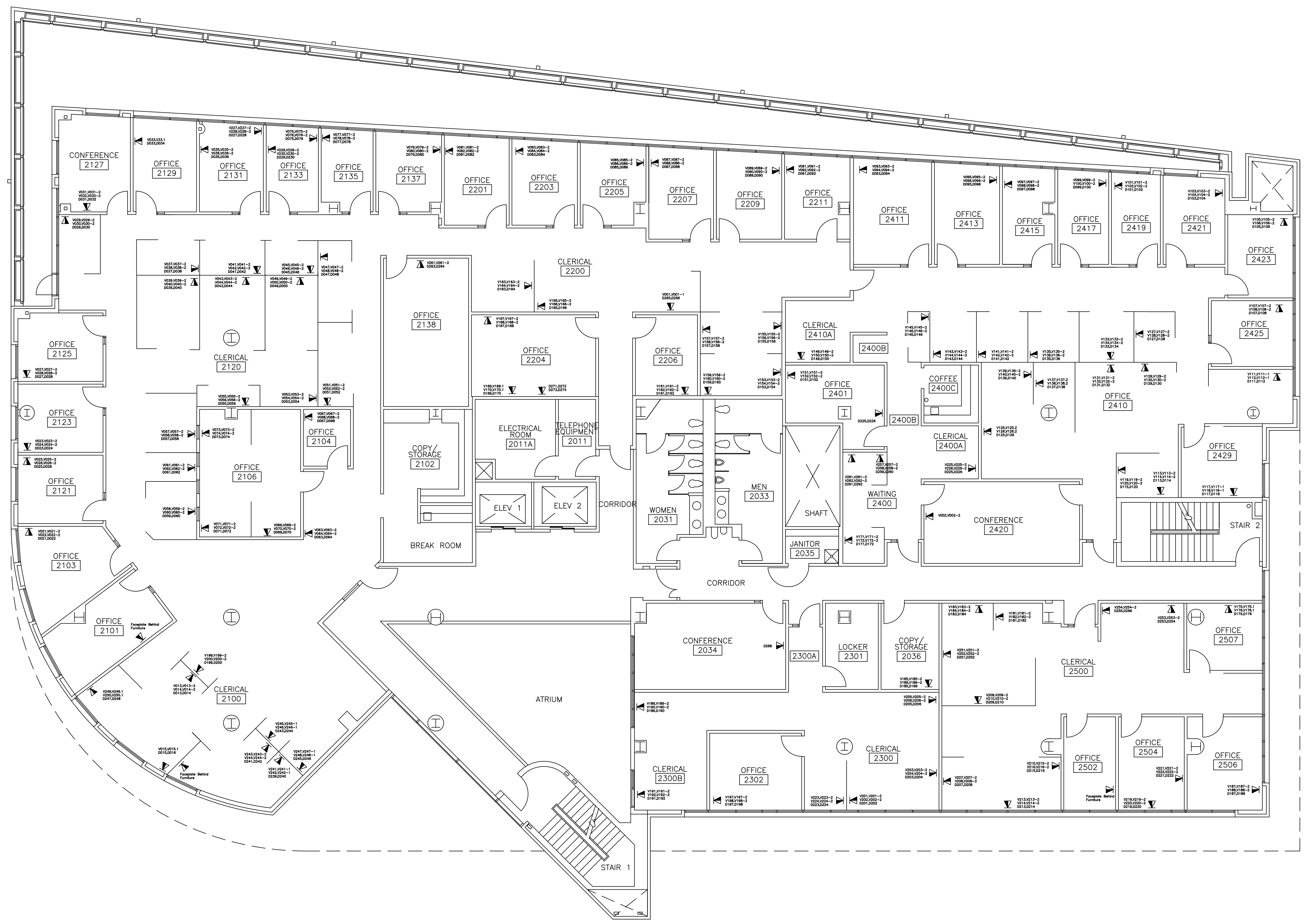
DocuSigned by:
Ken Pickett
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Ken Pickett – Project Manager
Facilities Design & Construction
UC Davis Health





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D100
Low voltage "data"
cabling location

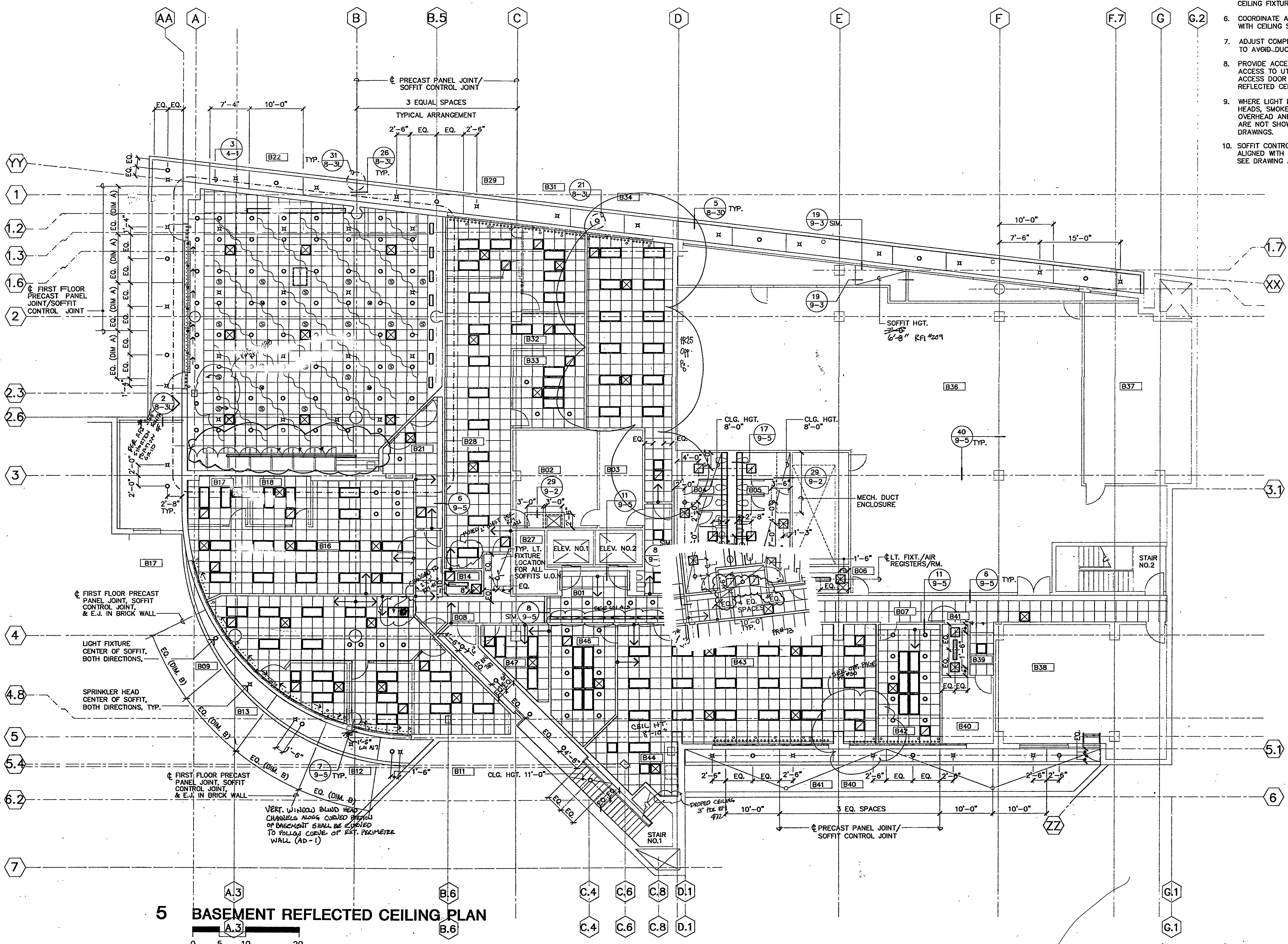


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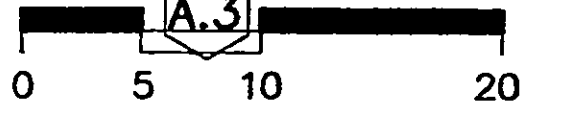


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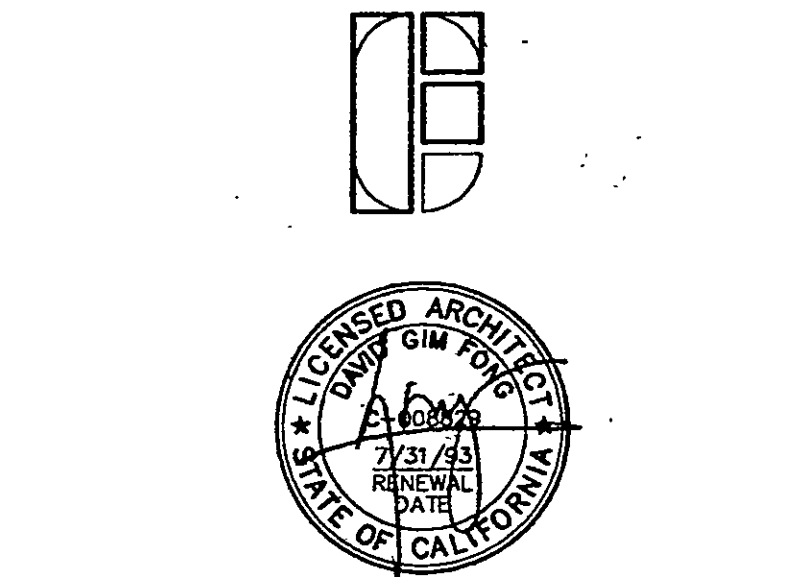


5 BASEMENT REFLECTED CEILING PLAN

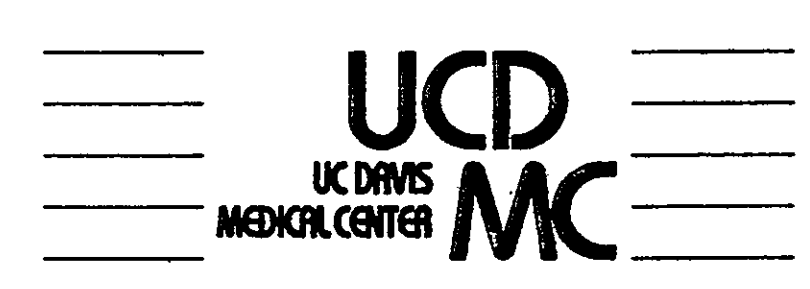


36 NOTES

1. ALL CEILING HEIGHTS SHALL BE 9'-0" FROM FINISH FLOOR U.O.N.
2. LAYOUT CEILING TILE FROM CENTER OF ROOMS, AND/OR AREAS BOTH DIRECTIONS, UNLESS OTHERWISE NOTED. AN AREA IS DEFINED AS A GROUP OF ROOMS WITH PARTITIONS EXTENDING ONLY TO THE UNDERSIDE OF CEILING AND BORDERED BY PARTITIONS EXTENDING TO THE UNDERSIDE OF STRUCTURAL SLAB ABOVE.
3. ARROW \rightarrow INDICATES STARTING POINT OF CEILING GRID IN THE AREA NOTED.
4. ALL CEILING FIXTURES INCLUDING LIGHTING FIXTURES, ALARMS, AIR REGISTERS, FIRE SPRINKLERS AND OTHER CEILING MOUNTED FIXTURES TO BE LOCATED AT THE CENTER OF THE CEILING TILE, UNLESS OTHERWISE NOTED.
5. WHERE SPRINKLER HEADS ARE NOT SHOWN, ADJUST SPRINKLER HEAD LOCATIONS TO CLEAR OTHER CEILING FIXTURES AND ELEMENTS AS REQUIRED.
6. COORDINATE ALL DUCTWORK TO AVOID INTERFERENCE WITH CEILING SUPPORT SYSTEMS.
7. ADJUST COMPRESSION STRUT LOCATIONS AS REQUIRED TO AVOID DUCTWORK & OTHER OBSTRUCTIONS.
8. PROVIDE ACCESS DOORS AS REQUIRED FOR ACCESS TO UTILITIES AND AS REQUIRED BY CODES. ACCESS DOOR LOCATIONS ARE NOT SHOWN ON REFLECTED CEILING PLANS.
9. WHERE LIGHT FIXTURES, AIR REGISTERS, SPRINKLER HEADS, SMOKE DETECTORS, EXIT SIGNS AND OTHER OVERHEAD AND WALL-MOUNTED FIXTURES/ACCESSORIES ARE NOT SHOWN, REFER TO MECHANICAL AND ELECTRICAL DRAWINGS.
10. SOFFIT CONTROL JOINTS AT CURVED WALL SHALL BE ALIGNED WITH RADIUS TO WORK POINT OF FLOOR ABOVE, SEE DRAWING A8-4H.

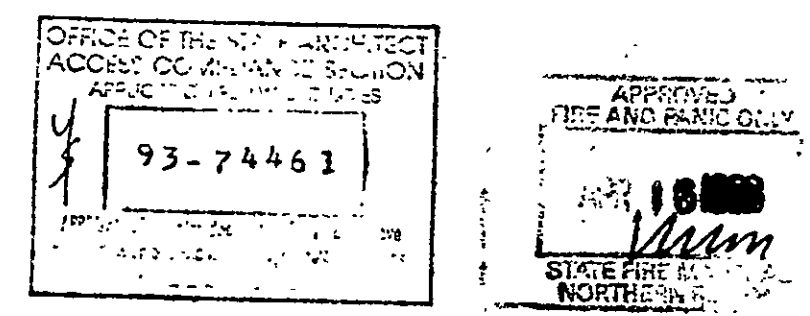


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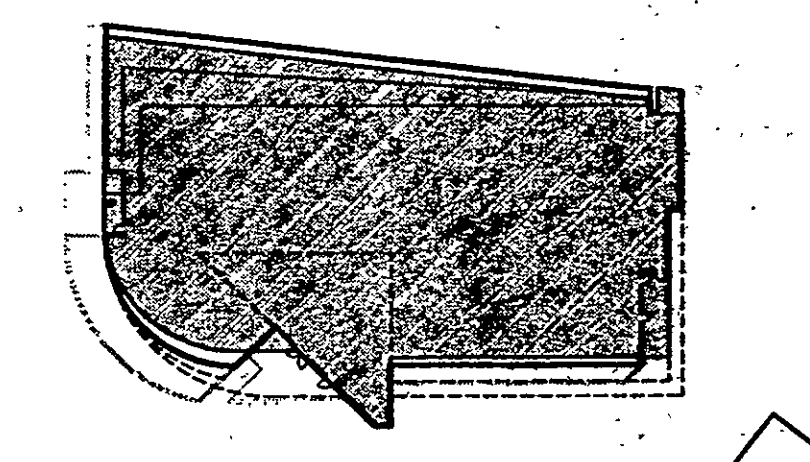
PATIENT SUPPORT SERVICES BUILDING
 UCD PROJECT NO. A/C 934990

CONSULTANTS:



John F. Otto, Inc.
AS BUILT

NO.	DATE	DESCRIPTION	BY
REVISIONS			



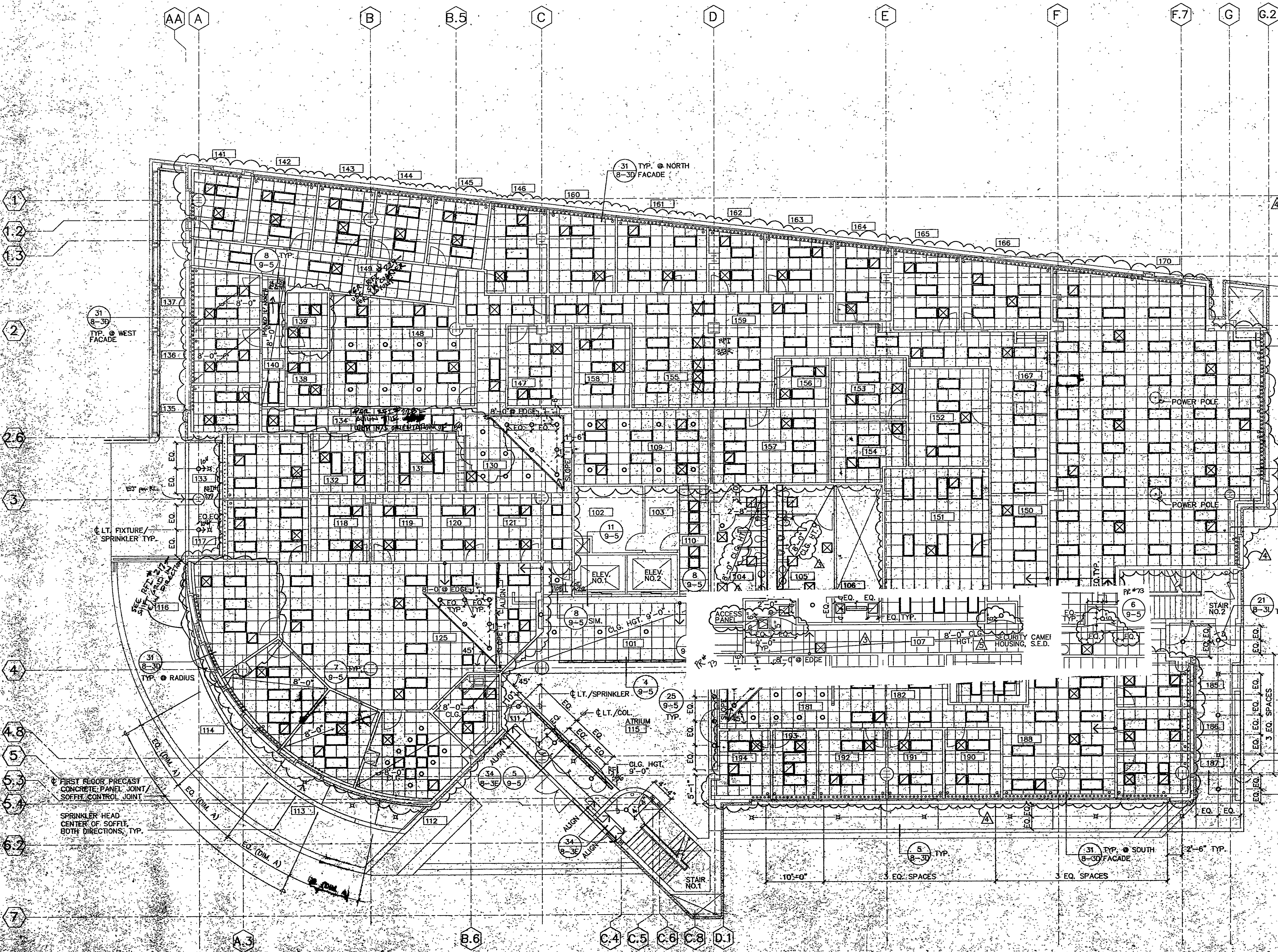
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DATE: DECEMBER 30, 1992	

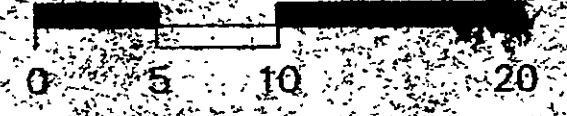
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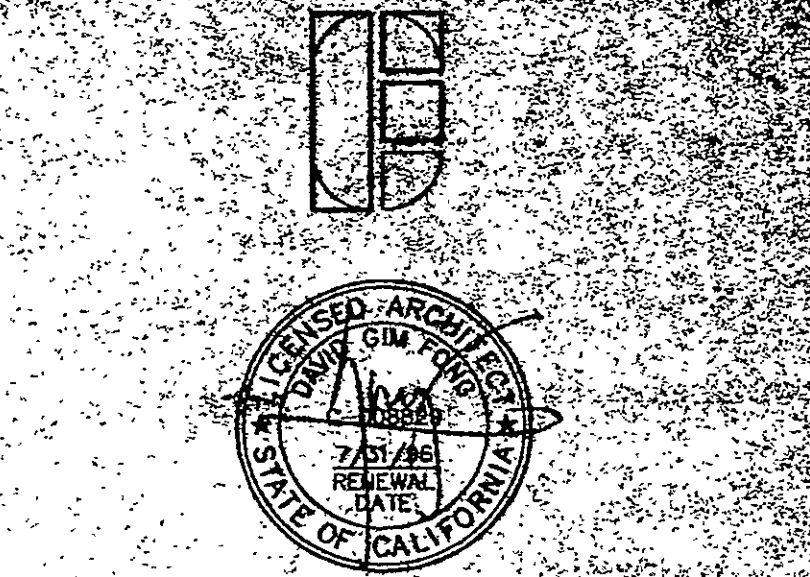


5 FIRST FLOOR REFLECTED CEILING PLAN

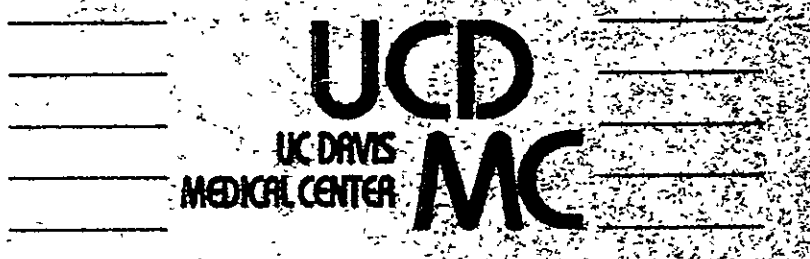


36 NOTES

1. ALL CEILING HEIGHTS SHALL BE 8'-6" FROM FINISH FLOOR U.O.N.
2. LAYOUT CEILING TILE FROM CENTER OF ROOM(S), BOTH DIRECTIONS, UNLESS OTHERWISE NOTED.
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10. WOMEN (104) AND MEN (105) ROOMS. FOR ADDITIONAL NOTES AND DIMENSIONS, REFER TO DRAWING A6-0.
11. SOFFIT CONTROL JOINTS AT CURVED WALL SHALL BE ALIGNED WITH RADIUS TO WORK POINT OF FLOOR ABOVE, SEE DRAWING A8-4H.
12. RE-LAYOUT ALL ACOUSTICAL CEILING TILE GRIDS AND RELOCATED ELECTRICAL AND MECHANICAL WORK (SUCH AS LIGHTS, DIFFUSERS, ETC.) AS NOTED ABOVE FOR ROOMS WHOSE PARTITIONS SHALL NOW PENETRATE THROUGH THE CEILING.
13. LOCATE SYSTEMS FURNITURE POWER POLES AS INDICATED. COORDINATE LOCATION OF POLES WITH F12 SERIES PANEL PLANS.



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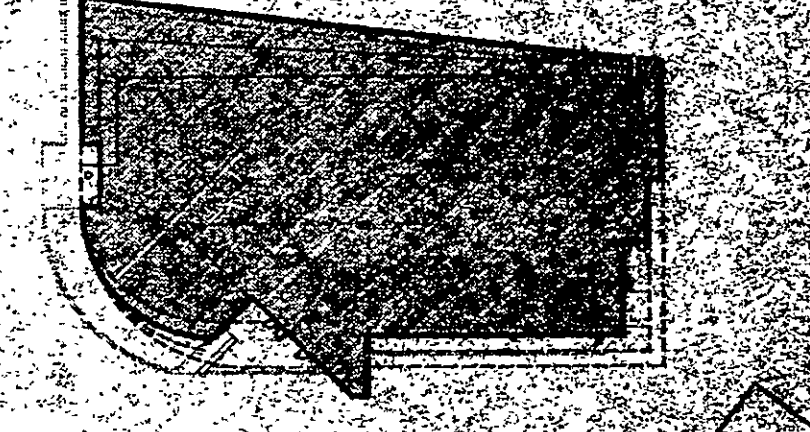
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AS BUILT

NO.	DATE	DESCRIPTION	BY
△	5/15/94	RFP 29	
△	1/20/94	RFP 20	
△	11/30/93	RFP NO. 13	
△	6/3/93	ADDENDUM NO. 1	

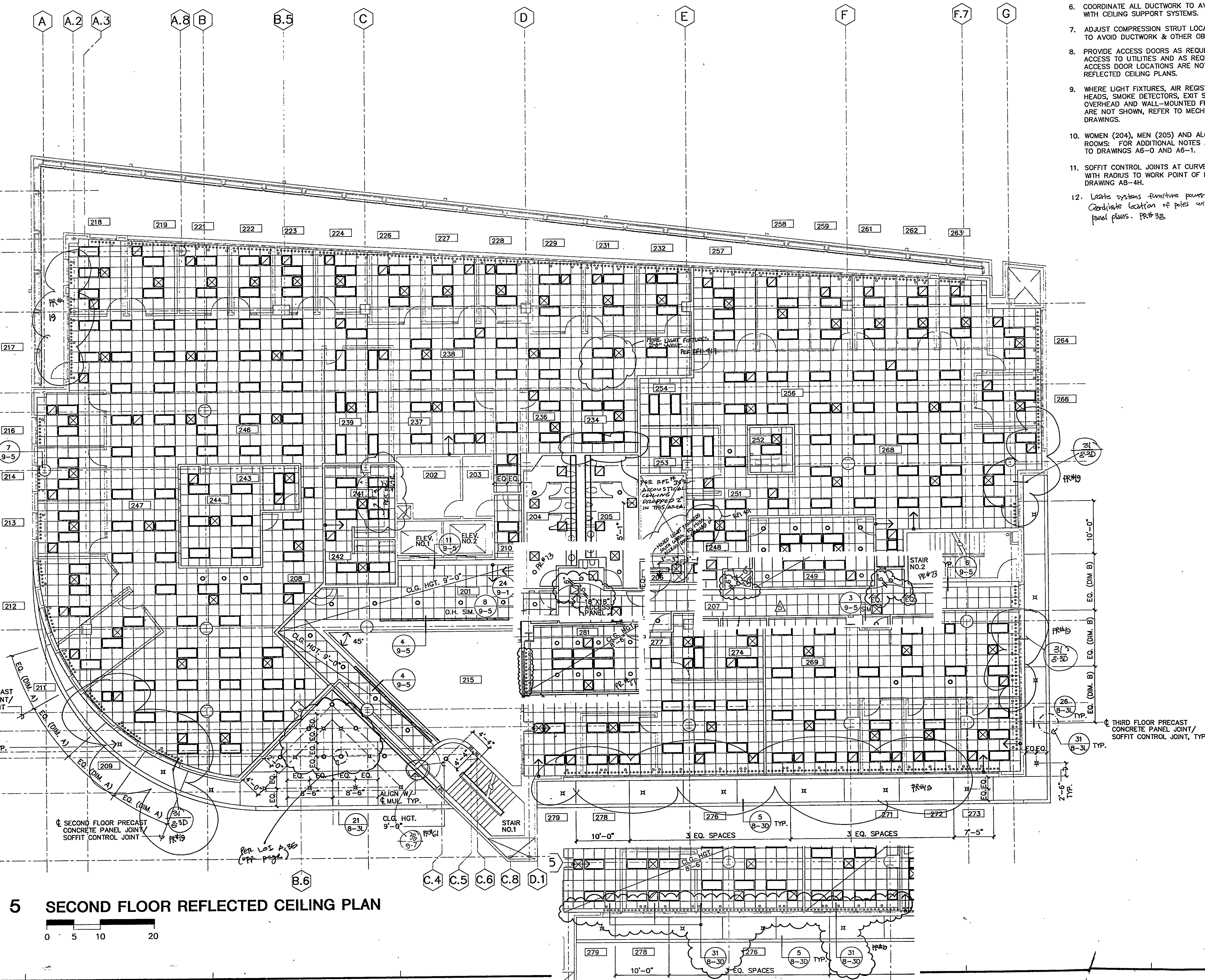
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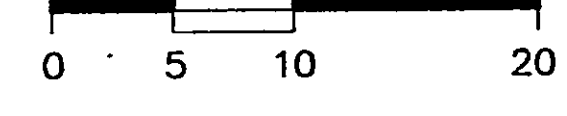
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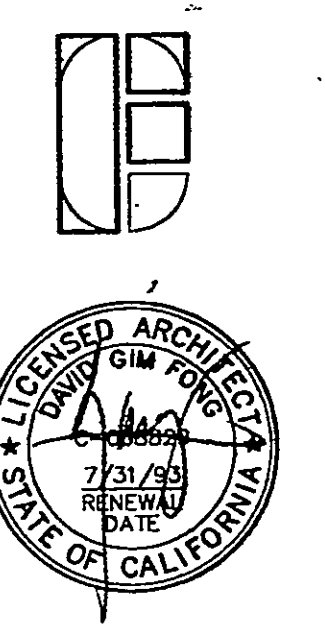


5 SECOND FLOOR REFLECTED CEILING PLAN



36 NOTES

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2. LAYOUT CEILING TILE FROM CENTER OF ROOMS, AND/OR AREAS BOTH DIRECTIONS, UNLESS OTHERWISE NOTED. AN AREA IS DEFINED AS A GROUP OF ROOMS WITH PARTITIONS EXTENDING ONLY TO THE UNDERSIDE OF CEILING AND BORDERED BY PARTITIONS EXTENDING TO THE UNDERSIDE OF STRUCTURAL SLAB ABOVE.
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10. WOMEN (204), MEN (205) AND ALCOVE ENTRY TO THOSE ROOMS: FOR ADDITIONAL NOTES AND DIMENSIONS, REFER TO DRAWINGS A6-0 AND A6-1.
11. SOFFIT CONTROL JOINTS AT CURVED WALL SHALL BE ALIGNED WITH RADIUS TO WORK POINT OF FLOOR ABOVE - SEE DRAWING A8-4H.
12. LOCATE SYSTEMS STRUCTURE POWER POLES AS INDICATED. COORDINATE LOCATION OF POLES WITH F12 SERVICES PANEL PLANS. PR# 3B.

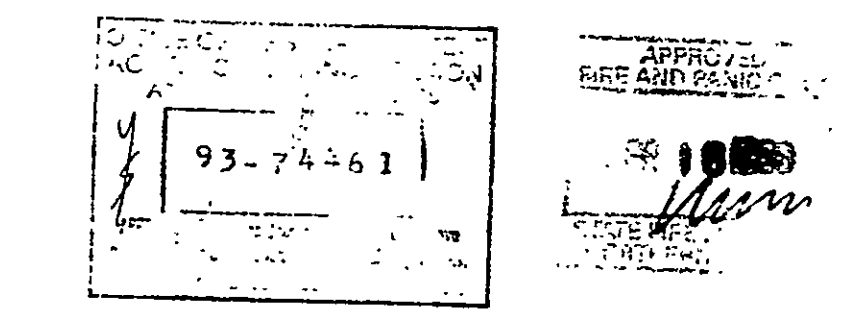


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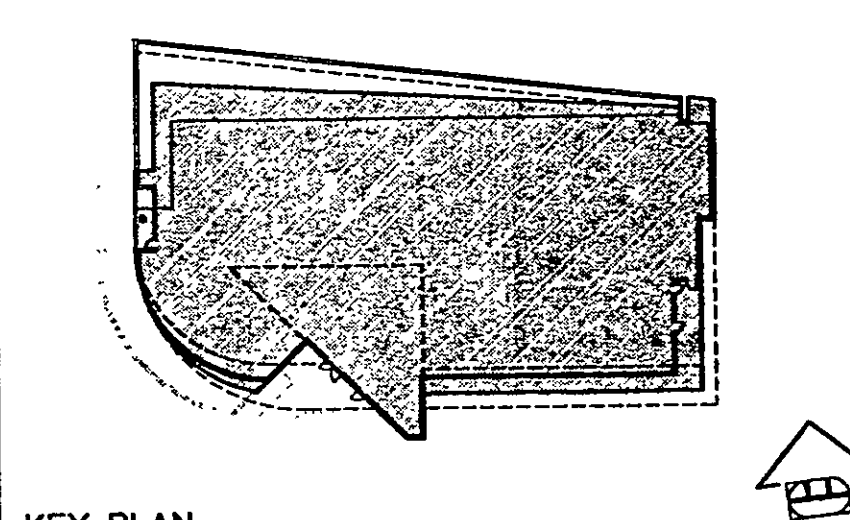
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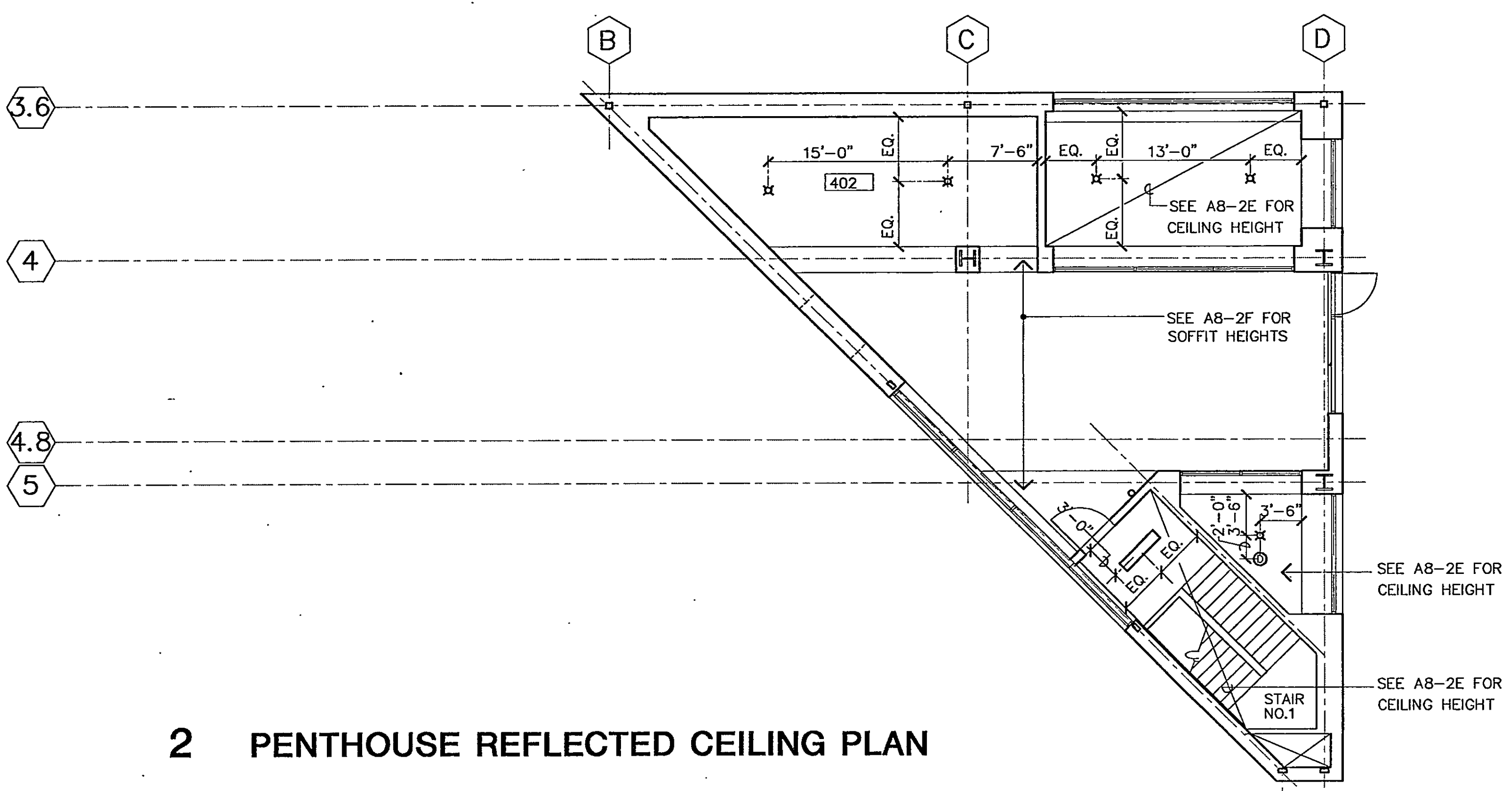
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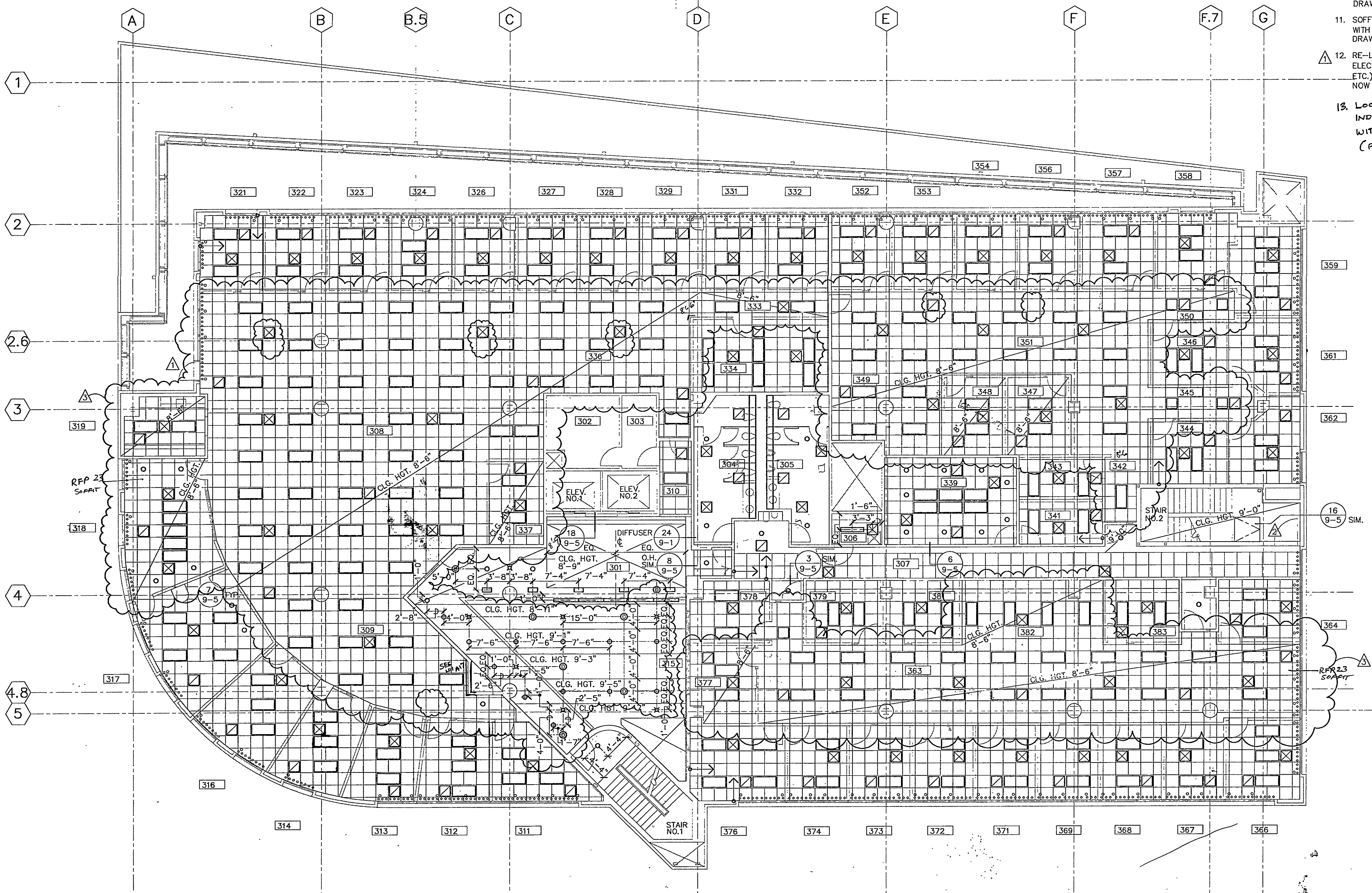
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DATE: DECEMBER 30, 1992	

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2 PENTHOUSE REFLECTED CEILING PLAN

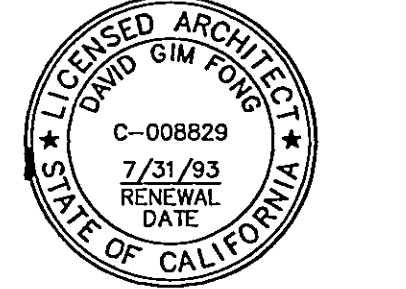
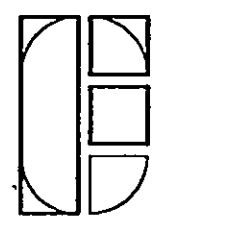


5 THIRD FLOOR REFLECTED CEILING PLAN

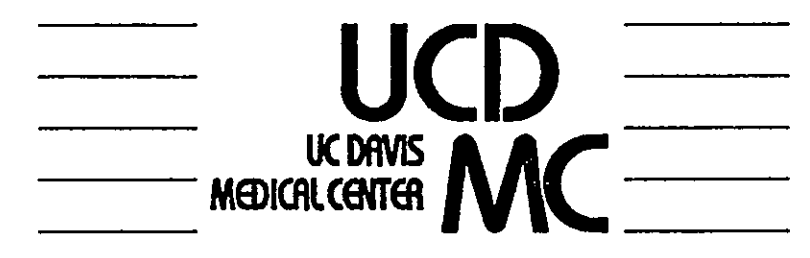


36 NOTES

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10. WOMEN (304), MEN (305) AND ALCOVE ENTRY TO THOSE ROOMS: FOR ADDITIONAL NOTES AND DIMENSIONS, REFER DRAWINGS A6-0, A6-1 AND A6-2.
11. SOFFIT CONTROL JOINTS AT CURVED WALL SHALL BE ALIGNED WITH RADIUS TO WORK POINT OF FLOOR ABOVE, SEE DRAWING A8-4H.
12. RE-LAYOUT ALL ACOUSTICAL CEILING TILE GRIDS AND RELOCATED ELECTRICAL AND MECHANICAL WORK (SUCH AS LIGHTS, DIFFUSERS, ETC.) AS NOTED ABOVE FOR ROOMS WHOSE PARTITIONS SHALL NOW PENETRATE THROUGH THE CEILING.
13. LOCATE SYSTEMS FURNITURE POWER POLES AS INDICATED. COORDINATE LOCATION OF POLES WITH F-12 SERIES PANEL PLANS. (PER P.R.# 38)



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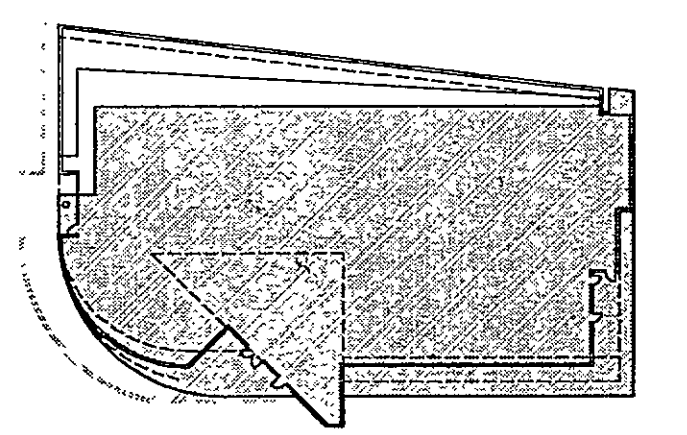
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11/30/93	RFP NO. 13	CK	
9/17/93	RFP NO. 1	JW	
6/3/93	ADDENDUM NO. 1	KT	
NO.	DATE	DESCRIPTION	BY

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KEY PLAN

SHEET TITLE

THIRD FLOOR AND PENTHOUSE REFLECTED CEILING PLAN

PROJECT NO. FC 077	SHEET NO.
DRAWN BY: KT, RL, TL, SS	A6-3
CHECKED: RL, AW, DGF	
SCALE: 1/8"=1'-0"	
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