

ADDENDUM

Public Building Commission of Chicago | Richard J. Daley Center | 50 West Washington Street, Room 200 | Chicago, Illinois 60602 | (312) 744-3090 | pbcchicago.com

ADDENDUM NO.: 01

PROJECT NAME: **CIP Central Hearing Facility Roof and MEP Upgrades**

PROJECT NO.: 04044

CONTRACT NO.: C1606

DATE OF ISSUE: December 21, 2023

NOTICE OF CHANGES, MODIFICATIONS, OR CLARIFICATIONS TO CONTRACT DOCUMENTS

The following changes, modifications, or clarifications are hereby incorporated and made an integral part of the Contract Documents. Unless clearly expressed otherwise by this Addendum, all terms and conditions defined in the original Contract Documents shall continue in full force and effect and shall have the same meaning in this Addendum. Issued Addenda represent responses/clarifications to various inquiries. Contractors shall be responsible for including all associated labor/material costs in its bid. Drawings/specifications corresponding to inquiry responses will be issued with the Issue for Construction Documents, upon issuance of building permit.

ITEM NO. 1: **CHANGE TO KEY DATES**

None.

REVISIONS TO BOOK 1 - PBC INSTRUCTIONS TO BIDDERS ITEM NO. 2:

None.

ITEM NO. 3: REVISIONS TO BOOK 2 – PBC STANDARD TERMS AND CONDITIONS

None.

ITEM NO. 4: **REVISIONS TO BOOK 3 – TECHNICAL SPECIFICATIONS**

> Book 3 – Volume 1 – **REVISED** Table of Contents to reflect revised specifications Change 1

Change 2 Book 3 - Volume 2 - REVISED Specification Section 23 05 05 - HVAC Demolition for

Remodeling: updated, 3.2.F. 1.

REVISIONS TO DRAWINGS ITEM NO. 5:

Change 8

Change 1 Drawing Index No. G-011– **REVISED** to reflect added drawings dated 12.21.23

Change 2 Drawing No. ACD-101E - REVISED sheet to add existing ceiling hung devices, dated 12.21.23

Change 3 Drawing No. ACD-101W – **REVISED** sheet to add existing ceiling hung devices, dated 12.21.23

Change 4 Drawing No. ACD-102E - REVISED sheet to add existing ceiling hung devices, dated 12.21.23

Change 5 Drawing No. ACD-102W – **REVISED** sheet to add existing ceiling hung devices, dated 12.21.23

Drawing No. AC-101W -REVISED sheet to add existing ceiling hung devices dated 12.21.23

Change 6 Drawing No. AC-100 – **REVISED** sheet to add existing ceiling hung devices, dated 12.21.23

Change 7 Drawing No. AC-101E -REVISED sheet to add existing ceiling hung devices dated 12.21.23

Change 9 Drawing No. AC-102E **-REVISED** sheet to add existing ceiling hung devices dated 12.21.23

Change 10 Drawing No. AC-102W -REVISED sheet to add existing ceiling hung devices., dated 12.21.23

Change 11 Drawing No. AC-103 – **REVISED** sheet to add existing ceiling hung devices, dated 12.21.23

Change 12 Drawing No. AC-104 – **REVISED** sheet to add existing ceiling hung devices, dated 12.21.23

Change 13 Drawing No. AC-105 – **REVISED** sheet to add existing ceiling hung devices, dated 12.21.23

Change 14 Drawing No. AC-106 – **REVISED** sheet to add existing ceiling hung devices, dated 12.21.23

Change 15 Drawing No. MD-104 – REVISED sheet to reflect updates above Room E449, dated 12.21.23

Change 16 Drawings No. E-102E-REVISED sheet to add VFD, Dated 12.21.23

Change 17 Drawing No. E-106 – **REVISED** sheet to update VFD in Room E617, dated 12.21.23

Change 18 Drawing E-500 – **REVISED** Variable Frequency Drive Schedule, dated 12.21.23

Drawing E-501 – **REVISED** Existing Panel OHDP-5 Schedule., dated 12.21.23 Change 19

Change 20 Drawing No. PH-1 - Phasing- ADDED sheet, dated 12.21.23

Date of Issue: December 21, 2023

PBC: CIP Central Hearing Facility Roof and MEP Upgrades_C1606_Addendum No. 1

Change 21 Drawing No. PH-2 - Phasing - ADDED sheet, dated 12.21.23
 Change 22 Drawing No. PH-3 - Phasing - ADDED sheet, dated 12.21.23
 Change 24 Drawing No. PH-4 - Phasing - ADDED sheet date 12.21.23
 Drawing No. PH-5 - Phasing - ADDED sheet date 12.21.23

ITEM NO. 6: REQUESTS FOR INFORMATION

RFI-1.

Question: Are new VFDs being installed for each AHU? What type of BAS will be installed?

Response: Yes, new VFD's are called out to be installed for all AHUs. AHUs are shown for replacement on electrical

drawings. AHUs being replaced are scheduled on the mechanical drawings to be provided with factory

mounted VFD's.

For the type of BAS to be installed, please refer to Specification divisions 23 and 17 for the BAS

specifications. The system specified is Tridium N4 platform.

RFI-2.

Question: Is the fire alarm system being upgraded in this project?

Response: Please refer to the Electrical and Fire Protection drawings of the Contract Drawings for the limited fire

alarm and fire protection scope for this project.

RFI-3.

Question: What are the working hours for the different tenants per floor in the buildings?

Response: Please refer to the phasing and logistic plan included in this addendum.

RFI-4.

Question: Second Floor East Building Storage Room W228, will the owner be responsible for clearing out

the room?

Response: Yes, the miscellaneous stored materials will be relocated by AIS as needed for the work to be performed

in the second floor east building storage room W228. Contractor shall be required to provide its execution

plan for review and coordination prior to any commencement of the Work.

RFI-5.

Question: Is there a defined quantity we should assume to replace acoustic ceiling tiles?

Response: Yes, the areas of acoustic ceiling to be removed and replaced are shown on the Reflected Ceiling Demo

Plans (ACD) and Reflected Ceiling Plans (AC). In addition, allowances have been allocated for additional ceiling replacement above and beyond what is shown on the ceiling plans. Please refer to the Acoustic

Panel Ceiling Schedule on Sheet A-602.

RFI-6.

Question: Sheet AC 104 confirm reflected ceiling plan demo keynote B and reflected ceiling plan new work

keynote F only appear on AC 104 and are for this sheets work ONLY?

Response: Reflected Ceiling Plan Demolition Key Note B and Reflected Ceiling Plan New Work Key Note F are

applicable to drawing sheet AC-104 only as shown in the Contract Documents.

RFI-7.

Question: There is no note to clean and or repair any of the fixtures on all reflected ceiling plans except for

AC 104. During the site walk many fixtures appear to have different color lamps and are not working at all. As there is no way to know the amount of fixtures that are in this state how is the bidding contractor to handle this? Simply remove and reinstall as is or is there an allowance that

will allow for these items to be repaired.

Response: Existing light fixtures and diffusers are to be removed and reinstalled in same location, as required to

execute the Work. Light fixture repair, re-lamping, etc., is not part of the Contract Documents.

RFI-8.

Question: No exits signs, ceiling battery lights or any other electrical devices are shown on the documents.

One example is there are smoke detectors that were visible during the site walk but there is no way to know the quantity. How are we to quantify the amount of the unshown items to be removed and reinstalled? We only get a very short window of time to view the building, it is not possible for us to know all the items that have to be removed and reinstalled unless they are shown in a

facility of this size.

Response: Ceiling plans have been revised to identify the ceiling-mounted exit signs and fire alarm devices. Please

refer to architectural drawings included in this addendum.

This Addendum includes the following attached Specifications and/or Documents:

- Specification Section 00 01 02 Table of Contents
- Specification Section 23 05 05 HVAC Demolition for Remodeling

This Addendum includes the following attached Drawings:

- 1. G-011 DRAWING INDEX, CODE MATRIX, SYMBOLS & NOTES, dated 12.21.23
- ACD-101E FIRST FLOOR EAST REFLECTED CEILING DEMOLITION PLAN. dated 12.21.23
- ACD-101W FIRST FLOOR WEST REFLECTED CEILING DEMOLITION PLAN, dated 12.21.23
- 4. ACD-102E SECOND FLOOR EAST REFLECTED CEILING DEMOLITION PLAN, dated 12.21.23
- 5. ACD-102W SECOND FLOOR WEST REFLECTED CEILING DEMOLITION PLAN, dated 12.21.23
- 6. AC-100 BASEMENT REFLECTED CEILING DEMOLITION & NEW WORK PLAN, dated 12.21.23
- AC-101E FIRST FLOOR EAST REFLECTED CEILING NEW WORK PLAN, dated 12.21.23
- 8. AC-101W FIRST FLOOR WEST REFLECTED CEILING NEW WORK PLAN, dated 12.21.23
- AC-102E –SECOND FLOOR EAST REFLECTED CEILING NEW WORK PLAN, dated 12.21.23
- 10. AC-102W SECOND FLOOR WEST REFLECTED CEILING NEW WORK PLAN, dated 12.21.23
- 11. AC-103 -THIRD FLOOR REFLECTED CEILING DEMOLITION & NEW WORK PLAN, dated 12.21.23
- 12. AC-104 FOURTH FLOOR REFLECTED CEILING DEMOLITION & NEW WORK PLAN, dated 12.21.23
- 13. AC-105 -FIFTH FLOOR REFLECTED CEILING DEMOLITION & NEW WORK PLAN, dated 12.21.23
- AC-106 –SIXTH FLOOR REFLECTED CEILING DEMOLITION & NEW WORK PLAN, dated 12.21.23
- 15. MD-104 FOURTH FLOOR EASTG PLAN MECHANICAL DEMOLITION, dated 12.21.23
- 16. E-102E SECOND FLOOR EAST PLAN POWER, dated 12.21.23
- 17. E-106 SIXTH FLOOR EAST POWER PLAN, dated 12.21.23
- 18. E-500 ELECTRICAL SCHEDULES, dated 12.21.23
- 19. E-501 ELECTRICAL SCHEDULES, dated 12.21.23
- 20. PH-1 PHASING & LOGISTICS PLAN 1, dated 12.21.23
- 21. PH-2 PHASING & LOGISTICS PLAN 2, dated 12.21.23
- 22. PH-3 PHASING & LOGISTICS PLAN 3, dated 12.21.23
- 23. PH-4 PHASING & LOGISTICS PLAN 4, dated 12.21.23
- 24. PH-5 PHASING & LOGISTICS PLAN 5, dated 12.21.23

END OF ADDENDUM NO. 01

SECTION 00 01 02

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01 23 00 01 25 00 01 50 03 01 56 11 01 60 00 01 62 10 01 70 00 01 73 29 01 78 23.1 01 79 00 01 79 00.1 01 91 00	ALTERNATES SUBSTITUTION PROCEDURES TEMPORARY FACILITIES AND CONTROLS – RENOVATION GENERAL DUST, FUME AND ODOR CONTROLS (by Verde 2) PRODUCT REQUIREMENTS PRE-CONSTRUCTION PROJECT MOCK-UP EXECUTION REQUIREMENTS CUTTING AND PATCHING OPERATIONS & MAINTENANCE DATA – COMMISSIONING. DEMONSTRATION AND TRAINING DEMONSTRATION AND TRAINING – COMMISSIONING. GENERAL COMMISSIONING (Cx) REQUIREMENTS	01 25 00-1-2 01 50 03-1-9 01 56 11-1-5 01 60 00 -1-5 01 62 10-1-2 01 70 00-1-11 01 73 29-1-5 01 78 23.1-1-5 01 79 00-1-4 01 79 00.1-1-5		
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04 01 10 04 01 20.63 04 01 20.64 04 22 00	MASONRY CLEANING BRICK MASONRY REPAIR BRICK MASONRY REPOINTING CONCRETE UNIT MASONRY	04 01 20.63-1-10 04 01 20.64-1-7		
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06 10 53 06 15 16 06 20 23	MISCELLANEOUS ROUGH CARPENTRY WOOD ROOF DECKING FINISH CARPENTRY	06 15 16-1-4		

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08 11 13 08 14 16 08 71 00 08 71 00.01	HOLLOW METAL DOORS AND FRAMES. FLUSH WOOD DOORS DOOR HARDWARE DOOR HARDWARE SCHEDULE	08 14 16-1-4 08 71 00-1-12
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FACILITY PBC #04044

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DIVISION 31 – EARTHWORK – NOT USED

DIVISION 32 - EXTERIOR IMPROVEMENTS - NOT USED

DIVISION 33 - UTILITIES - NOT USED

ATTACHMENT A- Roofing Survey and Evaluation at Chicago Central Heating Facility – 400 West. Superior Street, Chicago IL" prepared by IRCA and dated April 18, 2022.

ATTACHMENT B - Section "B.4 - Fire Escape" of RADA Architects Team's Facility Assessment.

END OF SECTION

SECTION 23 05 05

HVAC DEMOLITION FOR REMODELING

PART 1 - GENERAL

- 1.1 SECTION INCLUDES
 - Mechanical demolition.
 - B. Cutting and Patching.

PART 2 - PRODUCTS

- 2.1 MATERIALS AND EQUIPMENT
 - A. Materials and equipment shall be as specified in individual Sections.

PART 3 - EXECUTION

- 3.1 EXAMINATION
 - A. THE DRAWINGS ARE INTENDED TO INDICATE THE GENERAL SCOPE OF WORK AND DO NOT SHOW EVERY PIPE, DUCT, OR PIECE OF EQUIPMENT THAT MUST BE REMOVED. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY CONDITIONS PRIOR TO SUBMITTING A BID.
 - B. Where walls, ceilings, etc., are shown as being removed on general drawings, the Contractor shall remove all mechanical equipment, devices, fixtures, piping, ducts, systems, etc., from the removed area.
 - C. Where ceilings, walls, partitions, etc., are temporarily removed and replaced by others, This Contractor shall remove, store, and replace equipment, devices, fixtures, pipes, ducts, systems, etc.
 - D. Verify that abandoned utilities serve only abandoned equipment or facilities. Extend services to facilities or equipment that shall remain in operation following demolition.
 - E. Coordinate work with all other Contractors and the Owner. Schedule removal of equipment to avoid conflicts.
 - F. This Contractor shall verify all existing equipment sizes and capacities where equipment is scheduled to be replaced or modified, prior to ordering new equipment.
 - G. Bid submittal shall mean the Contractor has visited the project site and verified existing conditions and scope of work.
- 3.2 PREPARATION AND SEQUENCING OF WORK
 - A. Disconnect mechanical systems in walls, floors, and ceilings scheduled for removal.

- B. Provide temporary connections to maintain existing systems in service during construction. When work must be performed on operating equipment, use personnel experienced in such operations.
- C. Existing Cooling and Heating System: Maintain existing system in service until new system is complete and ready for service. Drain system only to make switchovers and connections. Obtain permission from the Owner at least 48 hours before partially or completely draining system. Minimize outage duration. Outage to cooling or heating systems shall be limited to off hours, during times when the system is active. With proper scheduling, cooling can be taken out of service when outside air temperatures are below 55°F and heating can be taken out of service when outside air temperatures are above 50°F.
- D. Existing Air Handling Systems: Existing air handling units shall be maintained in operation during occupied hours, except as noted below.
- E. Owner will allow one air handling unit at a time to be removed from service within the 6 story building (S-3 thru S-8) for replacement of unit and associated duct distribution. All such shutdowns to be scheduled in advance with owner.
- F. During the time that HVAC unit is out of service Contractor shall provide temporary HVAC equipment, ducting, power as required to deliver minimum of 0.6 cfm/SF to occupied office space with 0.2 cfm/SF outdoor air. Space temperature to be maintained between 70°F-80°F.
- 3.3 DEMOLITION AND EXTENSION OF EXISTING MECHANICAL WORK
 - A. Demolish and extend existing mechanical work under provisions of Division 2 and this Section.
 - B. Remove, relocate, and extend existing installations to accommodate new construction.
 - C. Remove abandoned ducts and piping to source of supply and/or main lines.
 - D. Remove exposed abandoned pipes and ducts, including abandoned pipes and ducts above accessible ceilings. Cut ducts flush with walls and floors, cap duct that remains, and patch surfaces. Cut pipes above ceilings, below floors and behind walls. Cap remaining lines. Repair building construction to match original. Remove all clamps, hangers, supports, etc. associated with pipe and duct removal.
 - E. Disconnect and remove mechanical devices and equipment serving equipment that has been removed.
 - F. Repair adjacent construction and finishes damaged during demolition and extension work.
 - G. Maintain access to existing mechanical installations which remain. Modify installation or provide access panels as appropriate.
 - H. Remove unused sections of supply and return air ductwork back to mains. Patch opening with sheet metal and seal airtight. Patch existing insulation to match existing. Where existing ductwork is to be capped and reused, locate the end cap within 6" of the last branch. End caps shall be 3" pressure class and seal class "A".
 - I. Extend existing installations using materials and methods compatible with existing installations, or as specified.
 - J. Properly reclaim and dispose of all refrigerant in hillers

3.4 CUTTING AND PATCHING

- A. This Contractor is responsible for all penetrations of existing construction required to complete the work of this project. Refer to Section 23 05 29 for additional requirements.
- Penetrations in existing construction should be reviewed carefully prior to proceeding with any work.
- C. Penetrations shall be neat and clean with smooth and/or finished edges. Core drill where possible for clean opening.
- D. Repair existing construction as required after penetration is complete to restore to original condition. Use similar materials and match adjacent construction unless otherwise noted or agreed to by the Architect/Engineer prior to start of work.
- E. This Contractor is responsible for <u>all</u> costs incurred in repair, relocations, or replacement of any cables, conduits, or other services if damaged without proper investigation.

3.5 CLEANING AND REPAIR

- A. Clean and repair existing materials and equipment which remain or are to be reused.
- B. Clean all systems adjacent to project which are affected by the dust and debris caused by this construction.
- C. MECHANICAL ITEMS REMOVED AND NOT RELOCATED REMAIN THE PROPERTY OF THE OWNER. CONTRACTOR SHALL PLACE ITEMS RETAINED BY THE OWNER IN A LOCATION COORDINATED WITH THE OWNER. THE CONTRACTOR SHALL DISPOSE OF MATERIAL THE OWNER DOES NOT WANT TO REUSE OR RETAIN FOR MAINTENANCE PURPOSES.

3.6 SPECIAL REQUIREMENTS

- A. Install temporary filter media over outside air intakes which are within 100 feet of the limits of construction or as noted on the drawings. This Contractor shall complete any cleaning required for existing systems which are affected by construction dust and debris.
- B. Review locations of all new penetrations in existing floor slabs or walls. Determine construction type and review for possible interferences. Bring all concerns to the attention of the Architect/Engineer before proceeding.
- C. Connection to Existing Glycol Systems:
 - Where existing piping system is reused in parts, existing system in its entirety shall be drained.
 - a. Prior to starting work, provide an analysis of the existing glycol solution and make a report to the Owner/Engineer. The report shall include the level of glycol concentration as well as a statement regarding the overall condition of the solution about cleanliness of the solution.
 - 1) If the existing concentration is below the design level, the Contactor shall coordinate with the Owner to provide the additional quantity of glycol as added scope to the project.

- 2) If the overall condition of glycol solution is poor and not worthy of being placed back into the system, the Contactor shall coordinate with the Owner to provide the additional quantity of glycol as added scope to the project.
- b. Provide means to store the existing glycol solution drained from the system for the duration of the work. Glycol may be stored on site or removed and brought back to the site when the system is ready to be refilled.
 - Once the new work is attached to the system and installation has been completed, pressure test the system in its entirety as a complete system. Repair all leaks as added scope to the project.
- c. Upon completion of an acceptable pressure test, flush the system in its entirety. Provide enough chemicals and flow to clean and flush the system as a whole.
- d. In addition to the stored glycol solution, provide additional glycol solution to be added to the system due to the increased volume associated with the new work. Provide new solution for the portion of the added system. Use existing glycol feeder to add to the system.

END OF SECTION 23 05 05

	1/32	<u>2" = 1'-0"</u>			1/16" = 1'-0"			<u>1/8" = 1'-0"</u>
IT	OF CHICAGO DEPARTMI	ENT OF BUILDING	S CODE MATRI	<u>X</u>				
	CHICAGO HEARING FACILITY R	A STATE OF THE STA		_				
OJ	ECT DESCRIPTION							
			RING FACILITY INCL	UDING PARTIAL	ROOF REPLA	CEMENT, M	EPFP UPG	RADES WITH RELATED FINISH WORK
DU	PGRADED SECURITY SYSTEMS	S						
M	ISSUE	CHAPTER/ARTICLE	Ordinance	Actual	Requirement	Location/	Agency/	REMARKS
		OTAL TERVARCHOLE	Requirement	Avtual	N/A	Sheet No.	Test No.	NEWARRO
_	G REQUIREMENTS Zoning District	CZO Title 17	PER CZO	DX7				
	ot Area Maximum Floor Area Ratio	17-4-0402 17-2-0405A	7	44,230 SF 2.96				Existing Condition - No Change Existing Condition - No Change
)4	Total Building Area		SF	131,298 SF				Existing Condition - No Change
	Building Height - No. of Floors Minimum Yards	17-2-0407 17-2-0406	None None	94 feet None				Existing Condition - No Change Existing Condition - No Change
07 (Grade Elevation (CCD)		Per City Datum					
	Off Street Loading Off Street Parking	17-10-1100 17-10-0208	1-10' x 50' None	2-10'x50' None				Existing Condition - No Change Existing Condition - No Change
_	andscaping Townhouse Ordinance	L. ORD.	Per Ordinance N/A		NA			Existing Condition - No Change Existing Condition - No Change
			N/A		INA			Existing Condition - No Change
	ING REQUIREMENTS Occupancy Classification (s)	304	Class B	Class B			Τ	Existing Condition - No Change
	,		Class A-3-	Class A-3-				
)	Height and Area Limitations	503-506	Courtrooms 85 feet - 6 stories	Courtrooms 94 feet-6				Evisting Condition, No Change, Buildin
2 1	reight and Area Limitations	503-506	65 leet - 6 stolles	stories				Existing Condition - No Change - Buildin is fully sprinklered
	a) Exceptions to Area Limitations	508.2.3	140,000 SF	131,298 SF				Existing Condition - No Change
				,				
_	o)Single Occupancy Buildings Types of Construction	508 602	Type IV	Type IV				Existing Condition - No Change Existing Condition - No Change
			Type II-B	Type II-B				10 11 10 C 10 10 10 10 10 10 10 10 10 10 10 10 10
_	Mixed Occupancy Separations Req. Hrs of Fire Resistance	508.4 601 & 602	NA	NA				Existing Condition - No Change
I	Exterior Bearing Walls Exterior Non-bearing Walls	601 & 602 601 & 602	2 Hr	2 Hr				Existing Condition - No Change Existing Condition - No Change
L	terior Non-bearing Walls	601 & 602	1 alley side only 1 Hr	1 alley side 1 Hr				Existing Condition - No Change
	nterior Nonbearing Walls Columns	601 & 602 601 & 704.1	Per code HT	Per code HT				Existing Condition - No Change Existing Condition - No Change
- I	Column Supporting Roof	601 & 704.1	HT	HT				Existing Condition - No Change
	Beams Beams Supporting Roofs Only	601 & 602 601 & 602	HT HT	HT HT				Existing Condition - No Change Existing Condition - No Change
Ī	Floor Construction	601 & 602	HT	НТ				Existing Condition - No Change
	Roof Construction Elevator Framing	601 & 602 712 & 713.4	HT 2 HR	HT 2 HR				Existing Condition - No Change Existing Condition - No Change
1	Mezzanine Floors	505	NA					
	Basement Construction Driveways & Loading Spaces	605	1 Hr 2 Hr.	1 Hr 2 Hr.				Existing Condition - No Change Existing Condition - No Change
- h	Fire Resistive Requirements a)Fire Walls - Construction	705-1023 706	4 Hr.	4 Hr.				Existing Condition - No Change Existing Condition - No Change
	p)Parapets	705.11	Not Req'd	4 пг.				Existing Condition - No Change
	s)Stairway Enclosures d)Elevator Enclosures	1023 713.14	2 Hr. 2 Hr.	2 Hr. 2 Hr.				Existing Condition - No Change Existing Condition - No Change
(Enclosures of Heating Rooms	509	2 Hr.	2 Hr.				Existing Condition - No Change
) Enclosures of Wells & Chutes g) Other Enclosures	713.13.4 713	2 Hr.					Existing Condition - No Change Existing Condition - No Change
Ì	n) Interior Wall & Ceiling Finishes	803.13	Class A @ exits - Class C elsewhere					Existing Condition - No Change
_) Storage Rooms Over 100 sqft	509	2 Hr.					Existing Condition - No Change
	Fire - Resistive Materials	703	Per CBC-Title 14B					
2	Fire Resistive Agency	703.2	Per CBC-Title 14B					
	Fire Protection Equipment	903						
	a)Sprinkler Systems REQUIREMENTS	903.2.8	NA	Provided				
•	Types of Exits	1006	Per CBC-Title 14B					Existing Condition - No Change
	Minimum Number of Exits Travel Distance to Exits	1006.2.1 1017	300 feet	175 feet				Existing Condition - No Change Existing Condition - No Change
	a)Increases Permitted b)Dead End Corridor	1017.2.1 1020.4	Sprinklered 50'	30'				Existing Condition - No Change Existing Condition - No Change
_	Capacity of Exits	1005.3.1	Per CBC-Title 14B	Provided				Existing Condition - No Change
1	Minimum Width of Exits	1011.2	Per CBC-Title 14B	Provided				Existing Condition - No Change
_	Swing of Exit Doors	1010.1.2.1	to the second of the second of the second of	Provided				Existing Condition - No Change
1 J	Hardware	1010.1.9.1	Per CBC-Title 14B	Provided			-	Existing Condition - No Change
_	Revolving Doors	1010.1.4.1	Per CBC-Title 14B					Existing Condition - No Change
	andings	1011.6	Per CBC-Title 14B	Provided			-	Existing Condition - No Change
	Handrails	1014	Per CBC-Title 14B	Provided				Existing Condition - No Change
(Construction	1011.7	Per CBC-Title 14B	Provided				Existing Condition - No Change
		IN Society of the second						
	Enclosures	713-1023	Per CBC-Title 14B	Provided				Existing Condition - No Change
I	Head Room	1003.2	Per CBC-Title 14B	Provided				Existing Condition - No Change Existing Condition - No Change
R.	T 4 - ACCESSIBILITY							Existing Condition - No Change
1	ISSUE	CHAPTER/ARTICLE	Ordinance	Actual	Requirement	Location/	Agency/	REMARKS
	Existing Facilities Scoping	CBC 11[18-11]	Requirement	riviual	N/A	Sheet No.	Test No.	TALIM MINO
1	Alterations							Area being altered only
-	FECHNICAL REQUIREMENTS Accessible & Usable Facilities	ANSI A117.1-2003	Accessible	No Changes	NA			Existing Condition - No Change
I	Building Blocks	ANSI A117.1-2003	Accessible	No Changes	NA			Existing Condition - No Change
(Accessible routes General Site & Bldg. Elements	ANSI A117.1-2003 ANSI A117.1-2003	Accessible Accessible	No Changes No Changes	NA NA			Existing Condition - No Change Existing Condition - No Change
	Plumbing Elements & Facilities Communication Elements &	ANSI A117.1-2003		Fie Alarms are	NA			Existing Condition - No Change Existing Condition - No Change
ı	eatures	ANSI A117.1-2003	Fire Alarms	Compliant				
	Special Rooms & Spaces	ANSI A117.1-2003			NA			Existing Condition - No Change

0'-0" 8'-0" 16'-0"

1/16" = 1'-0"

GENERAL NOTES: CONTRACTOR TO OBTAIN ALL PERMITS AND RELEASES

Dwelling Units & Sleeping Units

ENTIRE BUILDING.

Built-in Furnishings & Equipment | ANSI A117.1-2003

2. CONTRACTOR SHALL COORDINATE AND MUST MAINTAIN UTILITY SERVICES INCLUDING BUT NOT LIMITED TO HEAT, 6. THE CONTRACTOR SHALL PROTECT THE AREA OF WORK ELECTRICAL, POWER, AND WATER SERVICES DURING ALL PHASES OF CONSTRUCTION THROUGHOUT THE

FOR THE CONSTRUCTION OF THE PROJECT.

Accessible

accessible

None

0'-0" 16'-0" 32'-0"

1/32" = 1'-0"

- 3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW AND COORDINATE THE WORK OF ALL COMMENCING CONSTRUCTION AND TO ASSURE THAT ALL PARTIES ARE AWARE AND OF ALL REQUIREMENTS.
- 4. THE CONTRACTOR SHALL VISIT THE SITE AND BE KNOWLEDGEABLE OF EXISTING SITE CONDITIONS. THE 9. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO CONTRACTOR SHALL INVESTIGATE, VERIFY AND BE RESPONSIBLE FOR ALL PROJECT DIMENSIONS AND CONDITIONS, AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES. OMISSIONS AND/OR CONFLICTS BEFORE PROCEEDING WITH CONSTRUCTION AND/OR FABRICATION.
- EXECUTE WORK IN ACCORDANCE WITH ANY AND ALL APPLICABLE LOCAL. STATE AND FEDERAL CODES. MANUFACTURER'S RECOMMENDATIONS, TRADE AND REFERENCE STANDARDS.
- AND ADJACENT EXISTING AREAS TO REMAIN.

Existing Condition - No Change

Existing Condition - No Change

- THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR ANY WORK PROVIDED BY THE OWNER'S CONTRACTOR(S).
- SUB-CONTRACTORS, TRADES, AND SUPPLIERS BEFORE 8. DO NOT SCALE DRAWINGS. CLARIFY ALL DISCREPANCIES RELATIVE TO CONSTRUCTION DOCUMENTS, SPECIFICATIONS, AND FIELD CONDITIONS PRIOR TO COMMENCING WORK.
 - THOSE DETAILED. WHERE SPECIFIED DIMENSIONS, DETAILS, OR DESIGN INTENT CANNOT BE DETERMINED, OBTAIN WRITTEN CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING WITH CONSTRUCTION OR FABRICATION.
 - 10. SEE PROJECT MANUAL SECTIONS 02 24 00 & 02 24 01 FOR **ENVIRONMENTAL SURVEY & SCOPE SHEETS.**

ARREVIATIONS

0'-0" 2'-0" 4'-0"

1/4" = 1'-0"

0'-0" 4'-0" 8'-0"

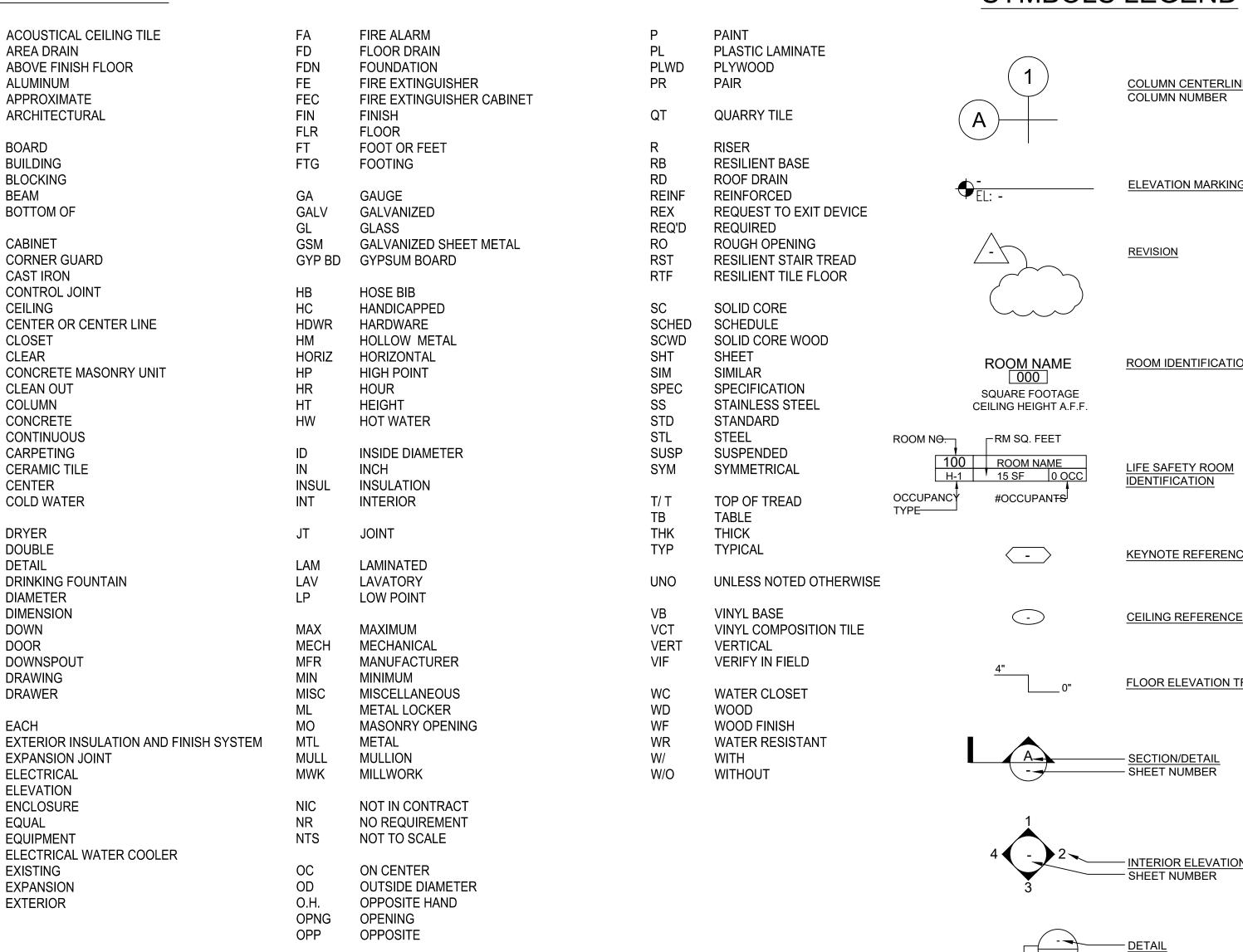
1/8" = 1'-0"

ABB	REVIATIONS				
· OT	ACCULOTICAL OF UNIO THE	Γ.Δ	FIDE ALADM	Б	DAINIT
\CT	ACOUSTICAL CEILING TILE	FA	FIRE ALARM	P	PAINT
\D	AREA DRAIN	FD	FLOOR DRAIN	PL	PLASTIC LAN
\FF	ABOVE FINISH FLOOR	FDN	FOUNDATION FIRE EXTINGUISHED	PLWD	PLYWOOD
\L	ALUMINUM	FE	FIRE EXTINGUISHER	PR	PAIR
	APPROXIMATE	FEC	FIRE EXTINGUISHER CABINET	OT	
ARCH	ARCHITECTURAL	FIN	FINISH	QT	QUARRY TILI
חס	DOADD	FLR	FLOOR	П	DICED
BD BD	BOARD	FT	FOOT OR FEET	R	RISER
BLDG	BUILDING	FTG	FOOTING	RB	RESILIENT B
BLKG	BLOCKING	C A	CALICE	RD DEINE	ROOF DRAIN
BM S	BEAM DE CONTRACTOR OF CONTRACT	GA	GAUCE	REINF	REINFORCE
3/	BOTTOM OF	GALV	GALVANIZED	REX	REQUEST TO
N D	CADINET	GL	GLASS	REQ'D	REQUIRED
CAB	CABINET	GSM	GALVANIZED SHEET METAL	RO DOT	ROUGH OPE
CG	CORNER GUARD	GYP BD	GYPSUM BOARD	RST	RESILIENT S
ار د د	CAST IRON	LID	LIGOE DID	RTF	RESILIENT T
CJ	CONTROL JOINT	HB	HOSE BIB	00	00110 0005
CLG	CEILING	HC	HANDICAPPED	SC	SOLID CORE
CL	CENTER OR CENTER LINE	HDWR	HARDWARE	SCHED	SCHEDULE
CLO	CLOSET	HM	HOLLOW METAL	SCWD	SOLID CORE
CLR	CLEAR	HORIZ	HORIZONTAL	SHT	SHEET
CMU	CONCRETE MASONRY UNIT	HP	HIGH POINT	SIM	SIMILAR
0	CLEAN OUT	HR	HOUR	SPEC	SPECIFICATI
COL	COLUMN	HT	HEIGHT	SS	STAINLESS S
CONC	CONCRETE	HW	HOT WATER	STD	STANDARD
CONT	CONTINUOUS			STL	STEEL
CPT	CARPETING	ID	INSIDE DIAMETER	SUSP	SUSPENDED
CT	CERAMIC TILE	IN	INCH	SYM	SYMMETRIC
CTR	CENTER	INSUL	INSULATION	_,_	
CW	COLD WATER	INT	INTERIOR	T/ T	TOP OF TREA
	22/22			TB	TABLE
)	DRYER	JT	JOINT	THK	THICK
)BL	DOUBLE			TYP	TYPICAL
)TL	DETAIL	LAM	LAMINATED		
)F	DRINKING FOUNTAIN	LAV	LAVATORY	UNO	UNLESS NOT
)IA	DIAMETER	LP	LOW POINT		
DIM	DIMENSION		A A A A (1) A I I I A	VB	VINYL BASE
DN -	DOWN	MAX	MAXIMUM	VCT	VINYL COMP
)R	DOOR	MECH	MECHANICAL	VERT	VERTICAL
)S	DOWNSPOUT	MFR	MANUFACTURER	VIF	VERIFY IN FI
)WG	DRAWING	MIN	MINIMUM		
)WR	DRAWER	MISC	MISCELLANEOUS	WC	WATER CLOS
		ML	METAL LOCKER	WD	WOOD
EA .	EACH	MO	MASONRY OPENING	WF	WOOD FINIS
IFS	EXTERIOR INSULATION AND FINISH SYSTEM	MTL	METAL	WR	WATER RESI
J	EXPANSION JOINT	MULL	MULLION	W/	WITH
LEC	ELECTRICAL	MWK	MILLWORK	W/O	WITHOUT
L/ELEV	ELEVATION				
NCL	ENCLOSURE	NIC	NOT IN CONTRACT		
Q	EQUAL	NR	NO REQUIREMENT		
QUIP	EQUIPMENT	NTS	NOT TO SCALE		
WC	ELECTRICAL WATER COOLER				
XIST	EXISTING	OC	ON CENTER		
XP	EXPANSION	OD	OUTSIDE DIAMETER		
XT	EXTERIOR	O.H.	OPPOSITE HAND		
		OPNG	OPENING		
		OPP	OPPOSITE		

0'-0" 1'-0" 2'-0"

1/2" = 1'-0"

- WARNING: ASBESTOS CONTAINING BUILDING MATERIALS ARE OR MAY BE PRESENT IN THIS BUILDING. NO PERSON MAY DISTURB AS ASBESTOS CONTAINING MATERIAL, UNLESS THAT PERSON IS A LICENSED AS ASBESTOS ABATEMENT WORKER OR CONDUCTS SUCH WORK IN ACCORDANCE WITH PROJECT SPECIFICATIONS(S) CONTAINING IN THE PROJECT DOCUMENTS AND IN COMPLIANCE WITH APPLICABLE REGULATIONS.
- 2. LEAD BASED PAINT MY BE PRESENT IN THE BUILDING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO TAKE APPROPRIATE SAFETY MEASURES IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL RULES AND REGULATIONS INCLUDING OSHA (1962.62) COMPLIANCE, WASTE CHARACTERIZATION AND WASTE DISPOSAL. ALL WORK WITH SURFACES CONTAINING LED BASED PAINT SHALL BE DONE IN ACCORDANCE WITH

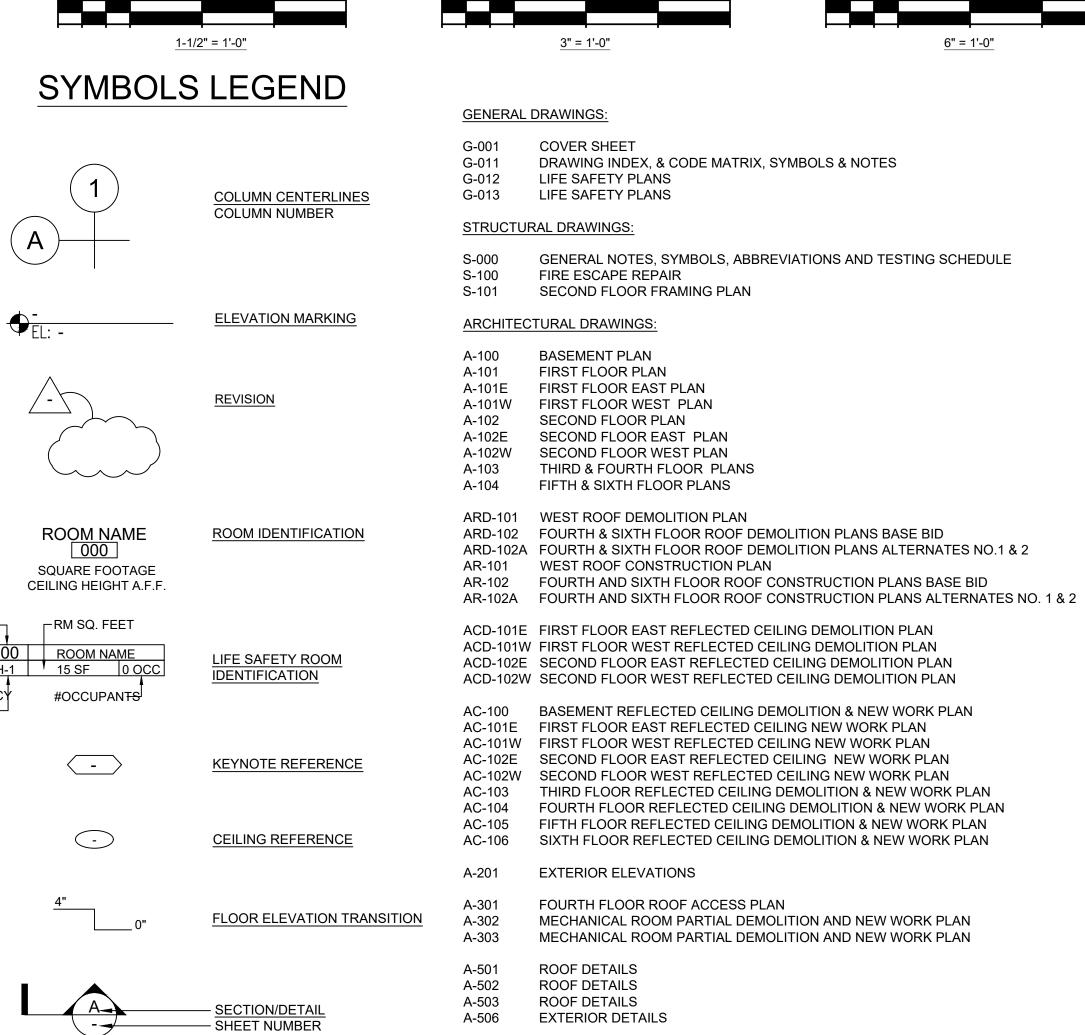


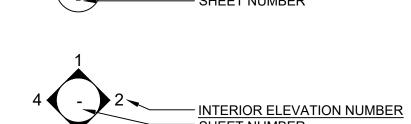
0'-0" 0'-6" 1'-0"

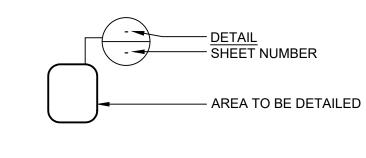
1" = 1'-0"

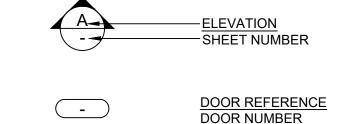
ENVIRONMENTAL NOTES:

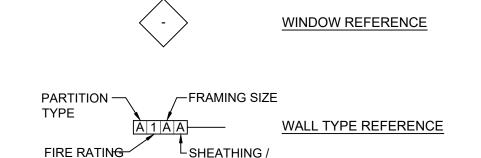
- PROJECT SPECIFICATIONS
- SEE THE PROJECT MANUAL SECTION 02 24 00 PREPARED FOR THE OWNER BY VERDE2 ENVIRONMENTAL SOLUTIONS.





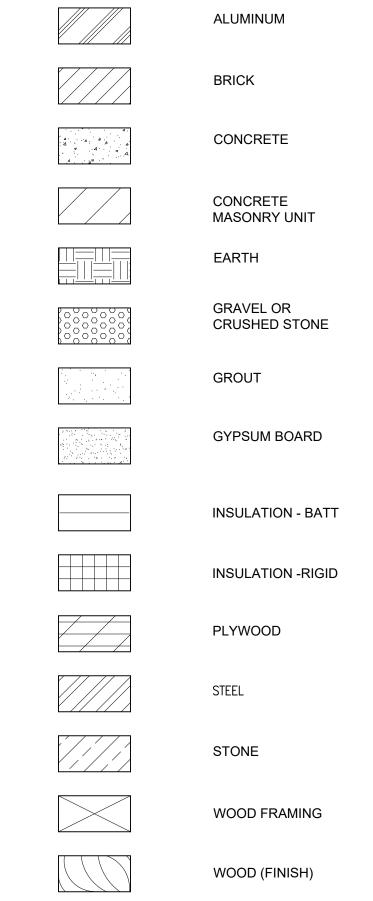






INSULATION

HATCH LEGEND



P-000 PLUMBING COVER SHEET BASEMENT FLOOR PLAN - PLUMBING NEW WORK P-100 FIRST FLOOR WEST PLAN - PLUMBING NEW WORK SECOND FLOOR WEST PLAN - PLUMBING NEW WORK ROOF WEST PLAN - PLUMBING NEW WORK P-103W ROOF EAST PLAN - PLUMBING NEW WORK

SIXTH FLOOR PLAN - FIRE PROTECTION

DOOR AND FRAME SCHEDULE AND DETAILS DOOR AND SECURITY SCHEDULE AND DETAILS

THIRD FLOOR EAST PLAN - FIRE PROTECTION FOURTH FLOOR PLAN - FIRE PROTECTION FIFTH FLOOR PLAN - FIRE PROTECTION

CEILING SCHEDULE AND DETAILS

FP-101E FIRST FLOOR EAST PLAN - FIRE PROTECTION FP-102E SECOND FLOOR EAST PLAN - FIRE PROTECTION FP-102W SECOND FLOOR WEST PLAN - FIRE PROTECTION

FP-000 COVER SHEET- FIRE PROTECTION

MECHANICAL DRAWINGS

MECHANICAL COVER SHEET M-001 MECHANICAL VENTILATION SCHEDULE MECHANICAL VENTILATION SCHEDULE BASEMENT FLOOR PAN - MECHANICAL DEMOLITION MD-101E FIRST FLOOR EAST PLAN - MECHANICAL DEMOLITION MD-101W FIRST FLOOR WEST PLAN - MECHANICAL DEMOLITION MD-102E SECOND FLOOR EAST PLAN - MECHANICAL DEMOLITION MD-102W SECOND FLOOR WEST PLAN - MECHANICAL DEMOLITION MD-103E THIRD FLOOR EAST PLAN - MECHANICAL DEMOLITION MD-103W ROOF WEST PLAN - MECHANICAL DEMOLITION FOURTH FLOOR EAST PLAN - MECHANICAL DEMOLITION FIFTH FLOOR EAST PLAN - MECHANICAL DEMOLITION SIXTH FLOOR EAST PLAN - MECHANICAL DEMOLITION MD-107 ROOF EAST PLAN - MECHANICAL DEMOLITION

MD-400 MECHANICAL DIAGRAMS BASEMENT FLOOR PLAN - MECHANICAL NEW WORK FIRST FLOOR EAST PLAN - MECHANICAL NEW WORK FIRST FLOOR WEST PLAN - MECHANICAL NEW WORK SECOND FLOOR EAST PLAN - MECHANICAL NEW WORK SECOND FLOOR WEST PLAN - MECHANICAL NEW WORK THIRD FLOOR EAST PLAN - MECHANICAL NEW WORK

M-103W THIRD FLOOR WEST PLAN - MECHANICAL NEW WORK M-104 FOURTH FLOOR EAST PLAN - MECHANICAL NEW WORK FIFTH FLOOR EAST PLAN - MECHANICAL NEW WORK SIXTH FLOOR PLAN EAST-MECHANICAL NEW WORK ROOF EAST PLAN-MECHANICAL NEW WORK M-300 MECHANICAL DETAILS M-301 MECHANICAL DETAILS

MECHANICAL DIAGRAMS MECHANICAL SCHEDULES MECHANICAL SCHEDULES MECHANICAL CONTROL DIAGRAMS MECHANICAL CONTROL DIAGRAMS MECHANICAL CONTROL DIAGRAMS MECHANICAL CONTROL DIAGRAMS

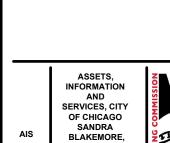
MECHANICAL CONTROL DIAGRAMS

MECHANICAL CONTROL DIAGRAMS

MECHANICAL CONTROL DIAGRAMS

ELECTRICAL DRAWINGS E-000 ELECTRICAL COVER SHEET BASEMENT FLOOR PLAN - ELECTRICAL DEMOLITION ED-101E FIRST FLOOR EAST PLAN - ELECTRICAL DEMOLITION ED-101W FIRST FLOOR WEST PLAN - ELECTRIC DEMOLITION ED-102E SECOND FLOOR EAST PLAN - ELECTRICAL DEMOLITION ED-102W SECOND FLOOR WEST PLAN - ELECTRIC DEMOLITION ED-103E THIRD FLOOR EAST PLAN - ELECTRICAL DEMOLITION ED-103W ROOF WEST PLAN - ELECTRIC DEMOLITION ED-104 FOURTH FLOOR EAST PLAN - ELECTRIC DEMOLITION ED-105 FIFTH FLOOR EAST PLAN - ELECTRICAL DEMOLITION ED-106 SIXTH FLOOR EAST PLAN ELECTRICAL DEMOLITION ED-107 ROOF EAST PLAN - ELECTRICAL DEMOLITION E-100 BASEMENT FLOOR PLAN - POWER E-101E FIRST FLOOR EAST PLAN - POWER E-101W FIRST FLOOR WEST PLAN - POWER E-102E SECOND FLOOR EAST PLAN - POWER E-102W SECOND FLOOR WEST PLAN - POWER E-103E THIRD FLOOR EAST PLAN - POWER E-103W ROOF WEST PLAN - POWER E-104 FOURTH FLOOR EAST PLAN - POWER E-105 FIFTH FLOOR EAST PLAN - POWER E-106 SIXTH FLOOR EAST PLAN - POWER E-107 ROOF EAST PLAN - POWER E-500 ELECTRICAL SCHEDULES E-501 ELECTRICAL SCHEDULES E-502 ELECTRICAL SCHEDULES PHASING DRAWINGS

PH-1 PHASING & LOGISTICS PLAN 1 PH-2 PHASING & LOGISTICS PLAN 2 > PH-3 PHASING & LOGISTICS PLAN 3 PH-4 PHASING & LOGISTICS PLAN 4 PH-5 PHASING & LOGISTICS PLAN 5



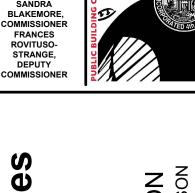
acility

ng

ea

0'-0" 0'-1-1/2" 0'-3" 0'-4-1/2" 0'-6"

6" = 1'-0"



0 ā . 0

Architect of Record:



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Chicago, IL Structural Engineers of Record

Chicago, IL MEPFP Engineers of Record LERCH BATES

Elevator Consultant Chicago, IL

Chicago, IL

Roofing Consultant **VERDE2 ENVIRONMENTAL** SOLUTIONS Chicago, IL

Environmental Consultant

suan	suance				
ark	Description	Dat			
$\boxed{\uparrow}$	ADDENDUM NO. 1	12.21.23			
2	ISSUE FOR PERMIT	11.29.23			
1	ISSUE FOR BID	11.29.23			
	·				

PBC Project Name: CIP - Central Hearing **Facility Roof and MEP Upgrades**

PBC Contract No: C1606 Project No.: 04044

CODE MATRIX. SYMBOLS & NOTES

Title DRAWING INDEX,

G-011



SCALE: 1/8" = 1'-0"

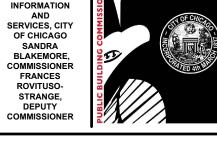
REFLECTED CEILING PLAN GENERAL DEMO & NEW WORK

- - DIFFUSERS, ALARMS SENSORS, SPRINKLER HEADS ETC. 2. PROTECT CONSTRUCTION TO REMAIN INCLUDING FLOORING
- AGAINST DAMAGE AND SOILING DURING CONSTRUCTION 3. TIMING OF ALL CUTTING. SAWING. AND OTHER OPERATIONS
- RESULTING IN NOISE AFFECTING ADJACENT SPACES SHALL BE COORDINATED WITH OWNER. TORCH CUTTING IS NOT
- 4. CEILING WITHOUT MATERIAL INDICATIONS ARE OPEN TO
- 5. ITEMS INDICATED TO BE SALVAGED OR REUSED SHALL BE CAREFULLY REMOVED WITHOUT DAMAGE TO THEM TO ALLOW
- 6. ALL ACOUSTIC TILE, CEILING GRID, GYPSUM BOARD CEILINGS, LIGHTING, DIFFUSER GRILLES ETC. SHOWN ARE EXISTING TO
- 7. UNLESS NOTED OTHERWISE, ALL CEILINGS ARE BETWEEN APPROXIMATELY 8 FEET AND 10 FEET AFF. NEW CEILING
- 8. CONTRACTOR SHALL RESERVE/SALVAGE EXISTING UNDAMAGED DEMOLISHED CEILING TILE TO BE REUSED AS REQUIRED WHERE CEILING TILES ONLY ARE TO BE REPLACED OR REMOVED AND REUSED. REPLACED TILE SHALL MATCH
- 9. THE ARRANGEMENT/LOCATION OF ALL LIGHTS, EXIT SIGNS, SPRINKLER HEADS SHALL BE THE SAME AS THAT EXISTING UNLESS NOTED OTHERWISE. SEE MEP DWGS FOR DIFFUSERS
- 10. UNLESS NOTED OTHERWISE NEW CEILING GRID PATTERN SHALL MATCH THOSE EXISTING IN THE SPACE. CONTRACTOR
- 11. CONTRACTOR SHALL FIELD VERIFY ALL CEILING LAYOUTS & REPORT DISCREPANCIES TO THE OWNER.

- A. REMOVE ALL EXISTING CEILING TILES IN ROOM. CEILING GRID TO REMAIN. CLEAN GRID & DISPOSE OF TILES.
- B. CLEAN ALL EXISTING LIGHT FIXTURES AND DIFFUSERS C. REMOVE EXISTING CURVED VAULTED PTD CEILING. EXTEND OF
- D. REMOVE AND RESERVE EXISTING CEILING TILE AS REQUIRED FOR WORK ABOVE. REINSTALL RESERVED EXISTING CEILING
- F. EXISTING ACOUSTIC TILE SOFFIT TO BE REPLACED PER
- G. REMOVE EXISTING 2' X 2' ACOUSTIC TILE CEILING AND GRID. SPRINKLERS HEADS, LIGHTING, SENSORS, ALARMS, CAMERAS, ETC. TO REMAIN OR BE SALVAGED FOR REINSTALLATION. RESERVE SPRINKLER HEAD ESCUTCHEONS ETC. FOR REINSTALLATION. DIFFUSERS TO REMAIN U.N.O. SEE MEP
- H. REMOVE EXISTING 2' X 4' ACOUSTIC TILE CEILING AND GRID. SPRINKLERS HEADS AND , LIGHTING, SENSORS, ALARMS CAMERAS, ETC. TO REMAIN OR BE REMOVED AND SALVAGED FOR REINSTALLATION. RESERVE SPRINKLER HEAD ESCUTCHEONS ETC. FOR REINSTALLATION. DIFFUSERS TO
- REMAIN U.N.O. SEE MEP DWGS FOR MORE INFORMATION EXISTING PTD. GYPSUM BOARD CEILING TO REMAIN
- REMOVE EXISTING PAINTED GYPSUM BOARD CEILING OR SOFFIT AT WALL. SPRINKLERS HEADS, LIGHTING, SENSORS, ETC. TO REMAIN OR TO BE REMOVED AND SALVAGED FOR REINSTALLATION. RESERVE SPRINKLER HEAD ESCUTCHEONS ETC. FOR REINSTALLATION. DIFFUSERS TO REMAIN U.N.O. SEE MEP DWGS FOR MORE INFORMATION
- K. REMOVE EXISTING ACOUSTIC CEILING TILE AS REQUIRED FOR REMOVAL OF LINEAR DIFFUSER. RESERVE TILE FOR TRIMMING AND REINSTALLATION. SEE MEP DWGS FOR MORE
- L. EXTEND EXISTING SPRINKLER HEAD TO BELOW CEILING LEVEL.
- M. REMOVE EXISTING ACOUSTIC CEILING TILE. CEILING GRID TO
- REMAIN. RESERVE FOR REINSTALLATION. N. REMOVE ALL EXISTING CEILING TILES IN ROOM. CEILING GRID TO REMAIN. CLEAN ALL GRID. RESERVE TILES FOR REUSE IN
- O. REMOVE EXISTING R-30 BATT INSULATION FROM UNDERSIDE
- P. EXISTING CEILING MTD CAMERAS TO BE TEMPORALLY
- REMOVED, SAFE FOR REINSTALLATION.
- Q. EXISTING WALL MTD CAMERAS TO BE TEMPORALLY REMOVED,
- R. REMOVE CURVED GYP BD. CEILING AND FRAMING.



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Architect of Record: RADA ARCHITECTS LTD.



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Structural Engineers of Record

Chicago, IL MEPFP Engineers of Record

Elevator Consultant Chicago, IL

LERCH BATES

Chicago, IL

Chicago, IL

Roofing Consultant VERDE2 ENVIRONMENTAL SOLUTIONS

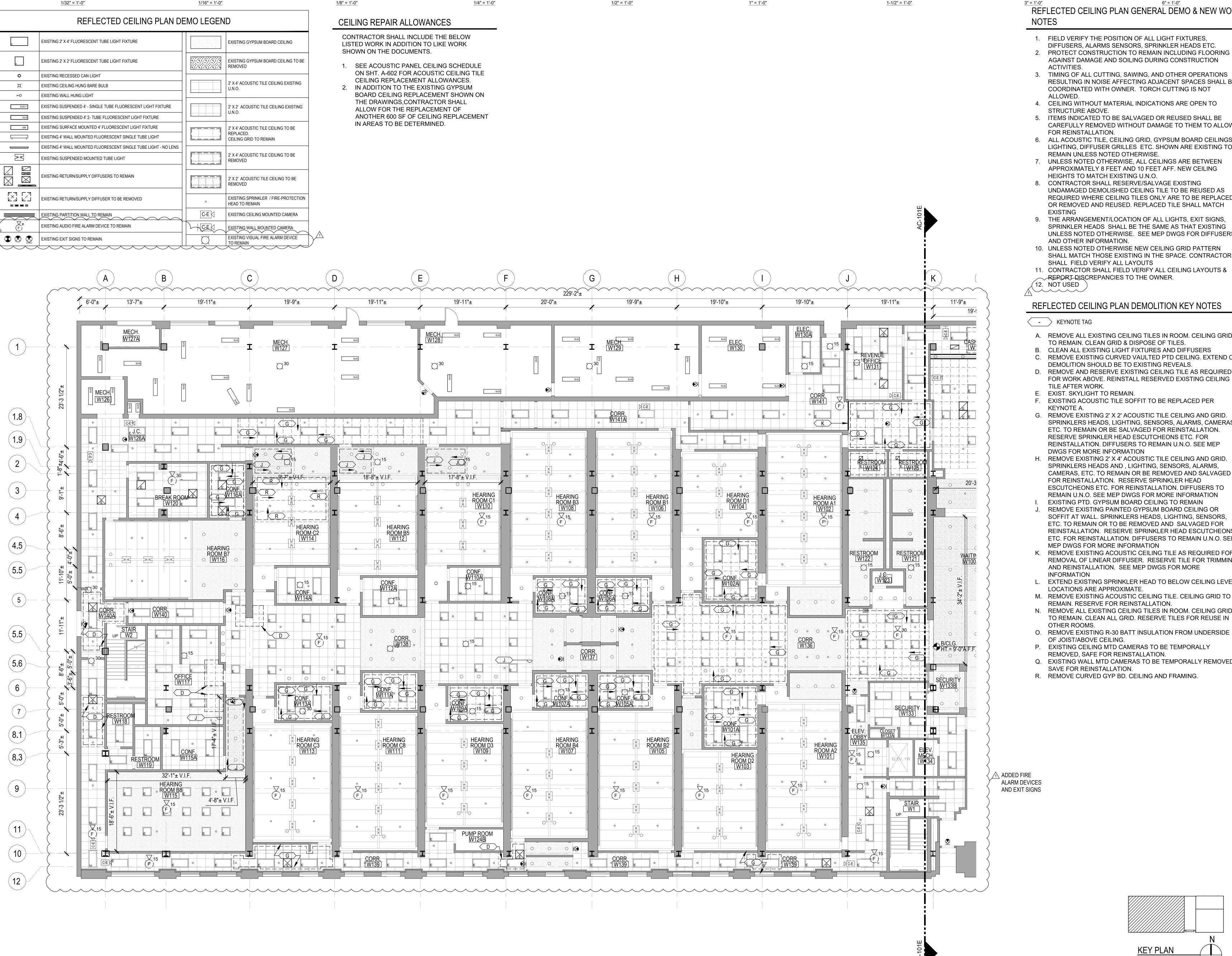
Environmental Consultant

Issuance Mark Description ADDENDUM NO. 1 ISSUE FOR PERMIT ISSUE FOR BID

PBC Project Name: CIP - Central Hearing

Facility Roof and MEP Upgrades PBC Contract No: C1606

Project No.: 04044 Title FIRST FLOOR EAST REFLECTED CEILING DEMO PLAN



0'-0" 1'-0" 2'-0"

0'-0" 8'-0" 16'-0"

1/16" = 1'-0"

0'-0" 16'-0" 32'-0"

1/32" = 1'-0"

0'-0" 4'-0" 8'-0"

0'-0" 2'-0" 4'-0"

REFLECTED CEILING PLAN GENERAL DEMO & NEW WORK

0'-0" 0'-1-1/2" 0'-3" 0'-4-1/2" 0'-6"

1. FIELD VERIFY THE POSITION OF ALL LIGHT FIXTURES.

0'-0" 0'-6" 1'-0"

0'-0" 0'-6" 1'-0"

- 2. PROTECT CONSTRUCTION TO REMAIN INCLUDING FLOORING AGAINST DAMAGE AND SOILING DURING CONSTRUCTION
- 3. TIMING OF ALL CUTTING. SAWING. AND OTHER OPERATIONS RESULTING IN NOISE AFFECTING ADJACENT SPACES SHALL BE
- 4. CEILING WITHOUT MATERIAL INDICATIONS ARE OPEN TO
- 5. ITEMS INDICATED TO BE SALVAGED OR REUSED SHALL BE CAREFULLY REMOVED WITHOUT DAMAGE TO THEM TO ALLOW
- 6. ALL ACOUSTIC TILE, CEILING GRID, GYPSUM BOARD CEILINGS, LIGHTING, DIFFUSER GRILLES ETC. SHOWN ARE EXISTING TO
- 7. UNLESS NOTED OTHERWISE, ALL CEILINGS ARE BETWEEN APPROXIMATELY 8 FEET AND 10 FEET AFF. NEW CEILING
- 8. CONTRACTOR SHALL RESERVE/SALVAGE EXISTING UNDAMAGED DEMOLISHED CEILING TILE TO BE REUSED AS REQUIRED WHERE CEILING TILES ONLY ARE TO BE REPLACED OR REMOVED AND REUSED. REPLACED TILE SHALL MATCH
- 9. THE ARRANGEMENT/LOCATION OF ALL LIGHTS, EXIT SIGNS, SPRINKLER HEADS SHALL BE THE SAME AS THAT EXISTING UNLESS NOTED OTHERWISE. SEE MEP DWGS FOR DIFFUSERS
- 10. UNLESS NOTED OTHERWISE NEW CEILING GRID PATTERN SHALL MATCH THOSE EXISTING IN THE SPACE. CONTRACTOR
- 11. CONTRACTOR SHALL FIELD VERIFY ALL CEILING LAYOUTS &

REFLECTED CEILING PLAN DEMOLITION KEY NOTES

- A. REMOVE ALL EXISTING CEILING TILES IN ROOM. CEILING GRID TO REMAIN. CLEAN GRID & DISPOSE OF TILES.
- C. REMOVE EXISTING CURVED VAULTED PTD CEILING. EXTEND OF
- D. REMOVE AND RESERVE EXISTING CEILING TILE AS REQUIRED FOR WORK ABOVE. REINSTALL RESERVED EXISTING CEILING
- F. EXISTING ACOUSTIC TILE SOFFIT TO BE REPLACED PER
- G. REMOVE EXISTING 2' X 2' ACOUSTIC TILE CEILING AND GRID ETC. TO REMAIN OR BE SALVAGED FOR REINSTALLATION. RESERVE SPRINKLER HEAD ESCUTCHEONS ETC. FOR REINSTALLATION. DIFFUSERS TO REMAIN U.N.O. SEE MEP
- H. REMOVE EXISTING 2' X 4' ACOUSTIC TILE CEILING AND GRID SPRINKLERS HEADS AND , LIGHTING, SENSORS, ALARMS CAMERAS, ETC. TO REMAIN OR BE REMOVED AND SALVAGED FOR REINSTALLATION. RESERVE SPRINKLER HEAD ESCUTCHEONS ETC. FOR REINSTALLATION. DIFFUSERS TO
- REMAIN U.N.O. SEE MEP DWGS FOR MORE INFORMATION EXISTING PTD. GYPSUM BOARD CEILING TO REMAIN
- REMOVE EXISTING PAINTED GYPSUM BOARD CEILING OR SOFFIT AT WALL. SPRINKLERS HEADS, LIGHTING, SENSORS, ETC. TO REMAIN OR TO BE REMOVED AND SALVAGED FOR REINSTALLATION. RESERVE SPRINKLER HEAD ESCUTCHEONS ETC. FOR REINSTALLATION. DIFFUSERS TO REMAIN U.N.O. SEE
- K. REMOVE EXISTING ACOUSTIC CEILING TILE AS REQUIRED FOR REMOVAL OF LINEAR DIFFUSER. RESERVE TILE FOR TRIMMING AND REINSTALLATION. SEE MEP DWGS FOR MORE
- L. EXTEND EXISTING SPRINKLER HEAD TO BELOW CEILING LEVEL.
- N. REMOVE ALL EXISTING CEILING TILES IN ROOM. CEILING GRID
- O. REMOVE EXISTING R-30 BATT INSULATION FROM UNDERSIDE
- P. EXISTING CEILING MTD CAMERAS TO BE TEMPORALLY
- Q. EXISTING WALL MTD CAMERAS TO BE TEMPORALLY REMOVED,
- R. REMOVE CURVED GYP BD. CEILING AND FRAMING

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Issuance Mark Description ISSUE FOR BID

Facility Roof and MEP Upgrades

PBC Contract No: C1606

Title FIRST FLOOR WEST REFLECTED CEILING DEMO PLAN

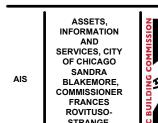


REFLECTED CEILING PLAN GENERAL DEMO & NEW WORK

- 1. FIELD VERIFY THE POSITION OF ALL LIGHT FIXTURES,
 - DIFFUSERS, ALARMS SENSORS, SPRINKLER HEADS ETC. 2. PROTECT CONSTRUCTION TO REMAIN INCLUDING FLOORING
- 3. TIMING OF ALL CUTTING, SAWING, AND OTHER OPERATIONS RESULTING IN NOISE AFFECTING ADJACENT SPACES SHALL BE
- 4. CEILING WITHOUT MATERIAL INDICATIONS ARE OPEN TO
- 5. ITEMS INDICATED TO BE SALVAGED OR REUSED SHALL BE CAREFULLY REMOVED WITHOUT DAMAGE TO THEM TO ALLOW
- 6. ALL ACOUSTIC TILE, CEILING GRID, GYPSUM BOARD CEILINGS, LIGHTING, DIFFUSER GRILLES ETC. SHOWN ARE EXISTING TO
- 7. UNLESS NOTED OTHERWISE, ALL CEILINGS ARE BETWEEN APPROXIMATELY 8 FEET AND 10 FEET AFF. NEW CEILING
- 8. CONTRACTOR SHALL RESERVE/SALVAGE EXISTING UNDAMAGED DEMOLISHED CEILING TILE TO BE REUSED AS REQUIRED WHERE CEILING TILES ONLY ARE TO BE REPLACED OR REMOVED AND REUSED. REPLACED TILE SHALL MATCH
- 9. THE ARRANGEMENT/LOCATION OF ALL LIGHTS, EXIT SIGNS, SPRINKLER HEADS SHALL BE THE SAME AS THAT EXISTING UNLESS NOTED OTHERWISE. SEE MEP DWGS FOR DIFFUSERS
- 10. UNLESS NOTED OTHERWISE NEW CEILING GRID PATTERN SHALL MATCH THOSE EXISTING IN THE SPACE. CONTRACTOR
- 11. CONTRACTOR SHALL FIELD VERIFY ALL CEILING LAYOUTS & REPORT DISCREPANCIES TO THE OWNER.

REFLECTED CEILING PLAN DEMOLITION KEY NOTES

- A. REMOVE ALL EXISTING CEILING TILES IN ROOM. CEILING GRID TO REMAIN. CLEAN GRID & DISPOSE OF TILES.
- B. CLEAN ALL EXISTING LIGHT FIXTURES AND DIFFUSERS C. REMOVE EXISTING CURVED VAULTED PTD CEILING. EXTEND OF
- D. REMOVE AND RESERVE EXISTING CEILING TILE AS REQUIRED FOR WORK ABOVE. REINSTALL RESERVED EXISTING CEILING
- F. EXISTING ACOUSTIC TILE SOFFIT TO BE REPLACED PER
- G. REMOVE EXISTING 2' X 2' ACOUSTIC TILE CEILING AND GRID. SPRINKLERS HEADS, LIGHTING, SENSORS, ALARMS, CAMERAS, ETC. TO REMAIN OR BE SALVAGED FOR REINSTALLATION. RESERVE SPRINKLER HEAD ESCUTCHEONS ETC. FOR REINSTALLATION. DIFFUSERS TO REMAIN U.N.O. SEE MEP
- H. REMOVE EXISTING 2' X 4' ACOUSTIC TILE CEILING AND GRID. SPRINKLERS HEADS AND , LIGHTING, SENSORS, ALARMS CAMERAS, ETC. TO REMAIN OR BE REMOVED AND SALVAGED FOR REINSTALLATION. RESERVE SPRINKLER HEAD ESCUTCHEONS ETC. FOR REINSTALLATION. DIFFUSERS TO
- REMAIN U.N.O. SEE MEP DWGS FOR MORE INFORMATION EXISTING PTD. GYPSUM BOARD CEILING TO REMAIN
- REMOVE EXISTING PAINTED GYPSUM BOARD CEILING OR SOFFIT AT WALL. SPRINKLERS HEADS, LIGHTING, SENSORS, ETC. TO REMAIN OR TO BE REMOVED AND SALVAGED FOR REINSTALLATION. RESERVE SPRINKLER HEAD ESCUTCHEONS ETC. FOR REINSTALLATION. DIFFUSERS TO REMAIN U.N.O. SEE MEP DWGS FOR MORE INFORMATION
- K. REMOVE EXISTING ACOUSTIC CEILING TILE AS REQUIRED FOR REMOVAL OF LINEAR DIFFUSER. RESERVE TILE FOR TRIMMING AND REINSTALLATION. SEE MEP DWGS FOR MORE
- L. EXTEND EXISTING SPRINKLER HEAD TO BELOW CEILING LEVEL.
- M. REMOVE EXISTING ACOUSTIC CEILING TILE. CEILING GRID TO
- N. REMOVE ALL EXISTING CEILING TILES IN ROOM. CEILING GRID TO REMAIN. CLEAN ALL GRID. RESERVE TILES FOR REUSE IN
- O. REMOVE EXISTING R-30 BATT INSULATION FROM UNDERSIDE
- P. EXISTING CEILING MTD CAMERAS TO BE TEMPORALLY
- REMOVED, SAFE FOR REINSTALLATION.
- Q. EXISTING WALL MTD CAMERAS TO BE TEMPORALLY REMOVED,
- R. REMOVE CURVED GYP BD. CEILING AND FRAMING.





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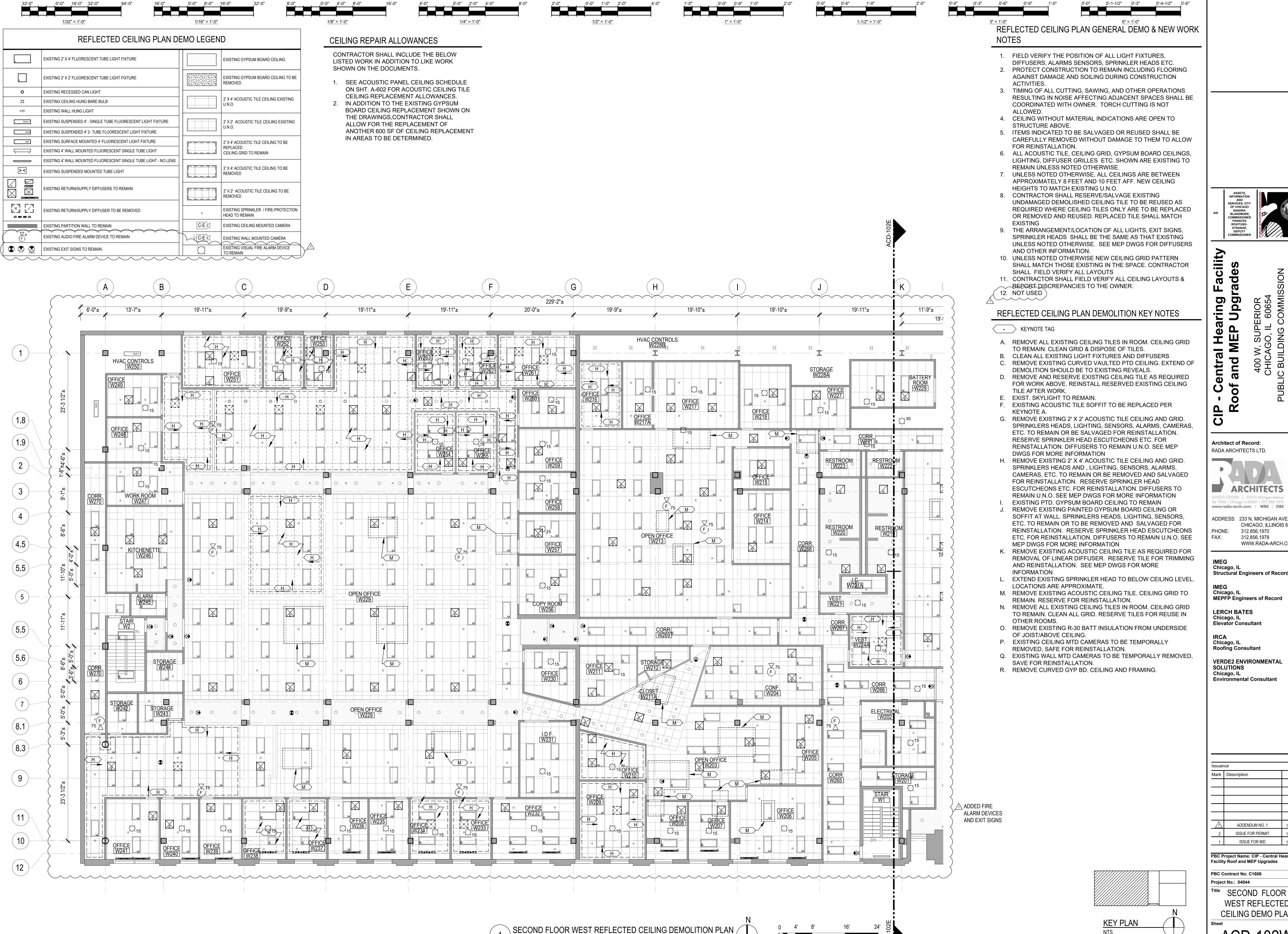
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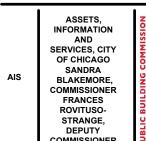
PBC Project Name: CIP - Central Hearing **Facility Roof and MEP Upgrades**

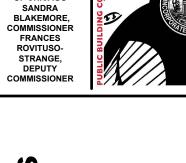
PBC Contract No: C1606 Project No.: 04044

Title SECOND FLOOR EAST REFLECTED CEILING DEMO PLAN



SCALE: 1/8"=1'-0"





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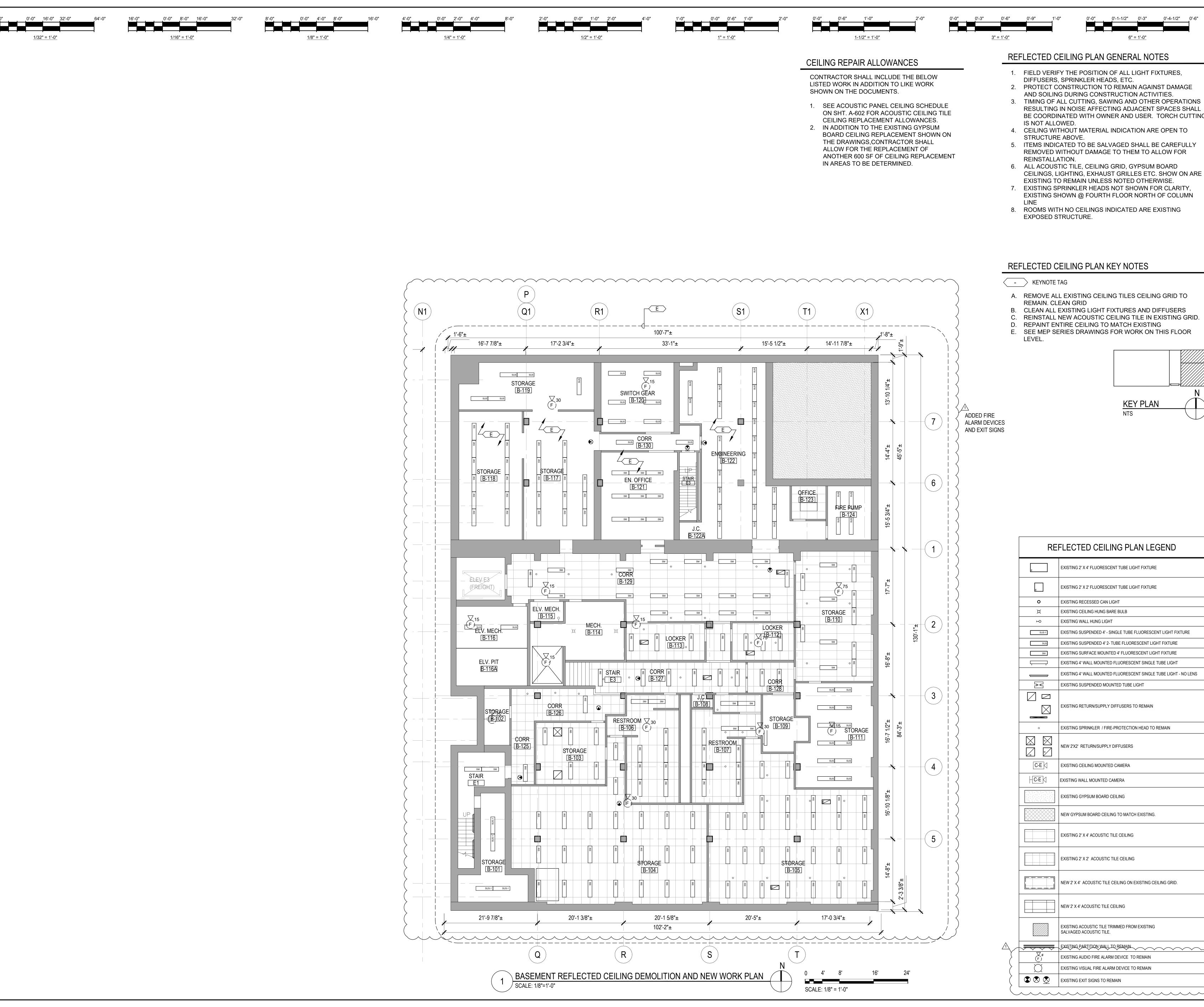
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PBC Project Name: CIP - Central Hearing **Facility Roof and MEP Upgrades**

PBC Contract No: C1606

Title SECOND FLOOR WEST REFLECTED **CEILING DEMO PLAN**



REFLECTED CEILING PLAN GENERAL NOTES

- 1. FIELD VERIFY THE POSITION OF ALL LIGHT FIXTURES, DIFFUSERS, SPRINKLER HEADS, ETC.
- 2. PROTECT CONSTRUCTION TO REMAIN AGAINST DAMAGE AND SOILING DURING CONSTRUCTION ACTIVITIES.
- 3. TIMING OF ALL CUTTING, SAWING AND OTHER OPERATIONS RESULTING IN NOISE AFFECTING ADJACENT SPACES SHALL BE COORDINATED WITH OWNER AND USER. TORCH CUTTING IS NOT ALLOWED.

0'-0" 0'-1-1/2" 0'-3" 0'-4-1/2" 0'-6"

<u>6" = 1'-0"</u>

- 4. CEILING WITHOUT MATERIAL INDICATION ARE OPEN TO STRUCTURE ABOVE.
- 5. ITEMS INDICATED TO BE SALVAGED SHALL BE CAREFULLY REMOVED WITHOUT DAMAGE TO THEM TO ALLOW FOR REINSTALLATION.
- 6. ALL ACOUSTIC TILE, CEILING GRID, GYPSUM BOARD CEILINGS, LIGHTING, EXHAUST GRILLES ETC. SHOW ON ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
- 7. EXISTING SPRINKLER HEADS NOT SHOWN FOR CLARITY. EXISTING SHOWN @ FOURTH FLOOR NORTH OF COLUMN
- 8. ROOMS WITH NO CEILINGS INDICATED ARE EXISTING EXPOSED STRUCTURE.

REFLECTED CEILING PLAN KEY NOTES

- KEYNOTE TAG

- A. REMOVE ALL EXISTING CEILING TILES CEILING GRID TO REMAIN. CLEAN GRID
- B. CLEAN ALL EXISTING LIGHT FIXTURES AND DIFFUSERS C. REINSTALL NEW ACOUSTIC CEILING TILE IN EXISTING GRID.
- D. REPAINT ENTIRE CEILING TO MATCH EXISTING E. SEE MEP SERIES DRAWINGS FOR WORK ON THIS FLOOR LEVEL.

REFLECTED CEILING PLAN LEGEND

EXISTING 2' X 4' FLUORESCENT TUBE LIGHT FIXTURE

EXISTING 2' X 2' FLUORESCENT TUBE LIGHT FIXTURE

XISTING SUSPENDED 4' - SINGLE TUBE FLUORESCENT LIGHT FIXTURE

EXISTING 4' WALL MOUNTED FLUORESCENT SINGLE TUBE LIGHT - NO LENS

XISTING SUSPENDED 4' 2- TUBE FLUORESCENT LIGHT FIXTURE

EXISTING SURFACE MOUNTED 4' FLUORESCENT LIGHT FIXTURE

EXISTING 4' WALL MOUNTED FLUORESCENT SINGLE TUBE LIGHT

EXISTING SUSPENDED MOUNTED TUBE LIGHT

NEW 2'X2' RETURN/SUPPLY DIFFUSERS

EXISTING CEILING MOUNTED CAMERA

EXISTING WALL MOUNTED CAMERA

EXISTING GYPSUM BOARD CEILING

EXISTING 2' X 4' ACOUSTIC TILE CEILING

EXISTING 2' X 2' ACOUSTIC TILE CEILING

NEW 2' X 4' ACOUSTIC TILE CEILING

SALVAGED ACOUSTIC TILE.

EXISTING EXIT SIGNS TO REMAIN

EXISTING ACOUSTIC TILE TRIMMED FROM EXISTING

EXISTING AUDIO FIRE ALARM DEVICE TO REMAIN

EXISTING VISUAL FIRE ALARM DEVICE TO REMAIN

NEW GYPSUM BOARD CEILING TO MATCH EXISTING.

NEW 2' X 4' ACOUSTIC TILE CEILING ON EXISTING CEILING GRID.

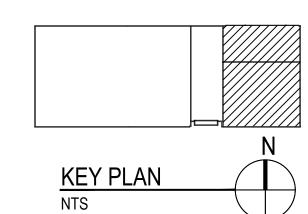
EXISTING RETURN/SUPPLY DIFFUSERS TO REMAIN

EXISTING SPRINKLER / FIRE-PROTECTION HEAD TO REMAIN

EXISTING RECESSED CAN LIGHT

EXISTING WALL HUNG LIGHT

EXISTING CEILING HUNG BARE BULB



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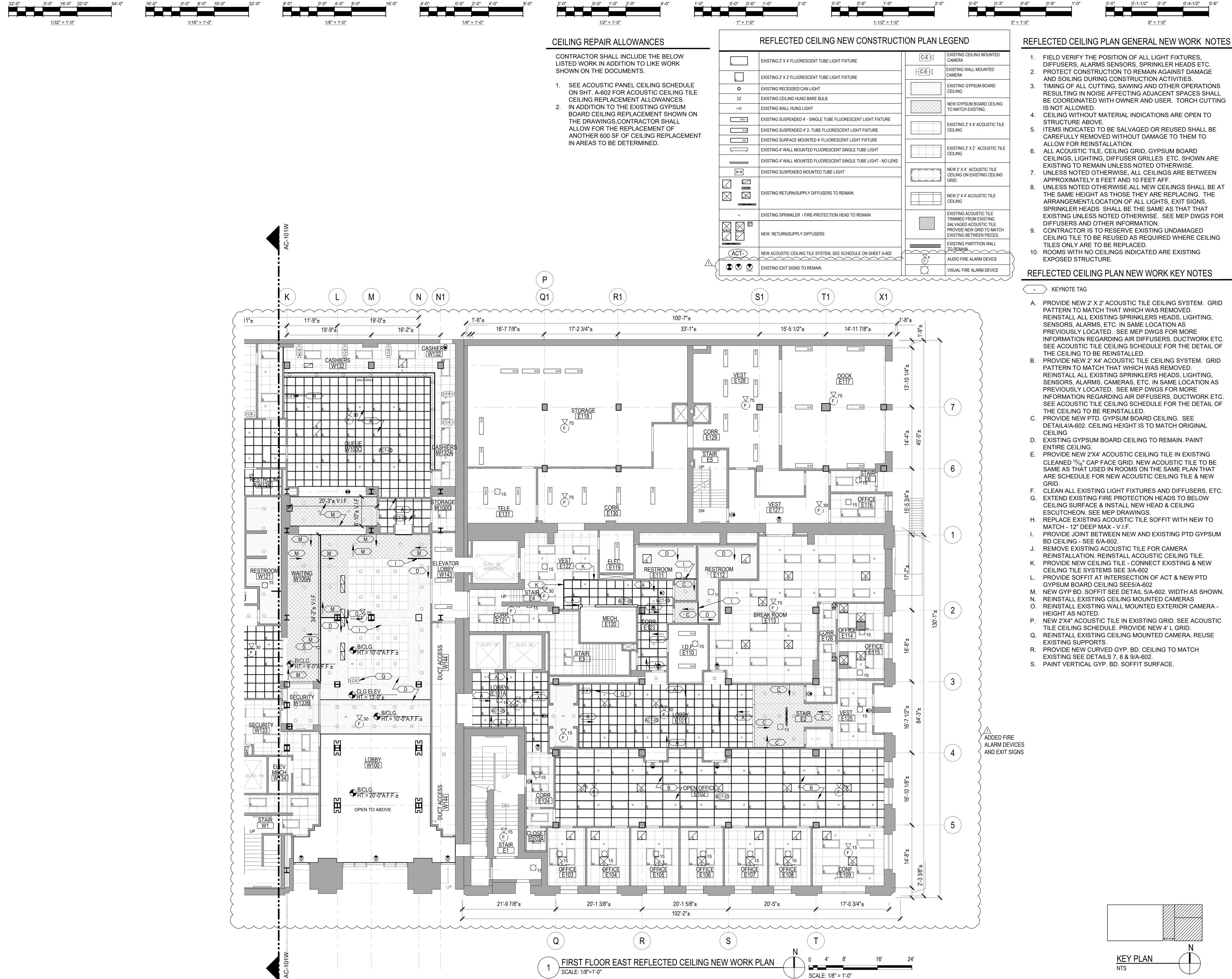
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PBC Project Name: CIP - Central Hearing Facility Roof and MEP Upgrades

PBC Contract No: C1606 Project No.: 04044 BASEMENT

REFLECTED CEILING PLAN **DEMO & NEW WORK**

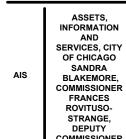
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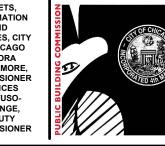
- RESULTING IN NOISE AFFECTING ADJACENT SPACES SHALL BE COORDINATED WITH OWNER AND USER. TORCH CUTTING
- 8. UNLESS NOTED OTHERWISE.ALL NEW CEILINGS SHALL BE AT THE SAME HEIGHT AS THOSE THEY ARE REPLACING. THE EXISTING UNLESS NOTED OTHERWISE. SEE MEP DWGS FOR
- CEILING TILE TO BE REUSED AS REQUIRED WHERE CEILING
- A. PROVIDE NEW 2' X 2' ACOUSTIC TILE CEILING SYSTEM. GRID INFORMATION REGARDING AIR DIFFUSERS, DUCTWORK ETC. SEE ACOUSTIC TILE CEILING SCHEDULE FOR THE DETAIL OF
- B. PROVIDE NEW 2' X4' ACOUSTIC TILE CEILING SYSTEM. GRID SENSORS, ALARMS, CAMERAS, ETC. IN SAME LOCATION AS INFORMATION REGARDING AIR DIFFUSERS, DUCTWORK ETC. SEE ACOUSTIC TILE CEILING SCHEDULE FOR THE DETAIL OF

- O. REINSTALL EXISTING WALL MOUNTED EXTERIOR CAMERA -
- P. NEW 2'X4" ACOUSTIC TILE IN EXISTING GRID. SEE ACOUSTIC



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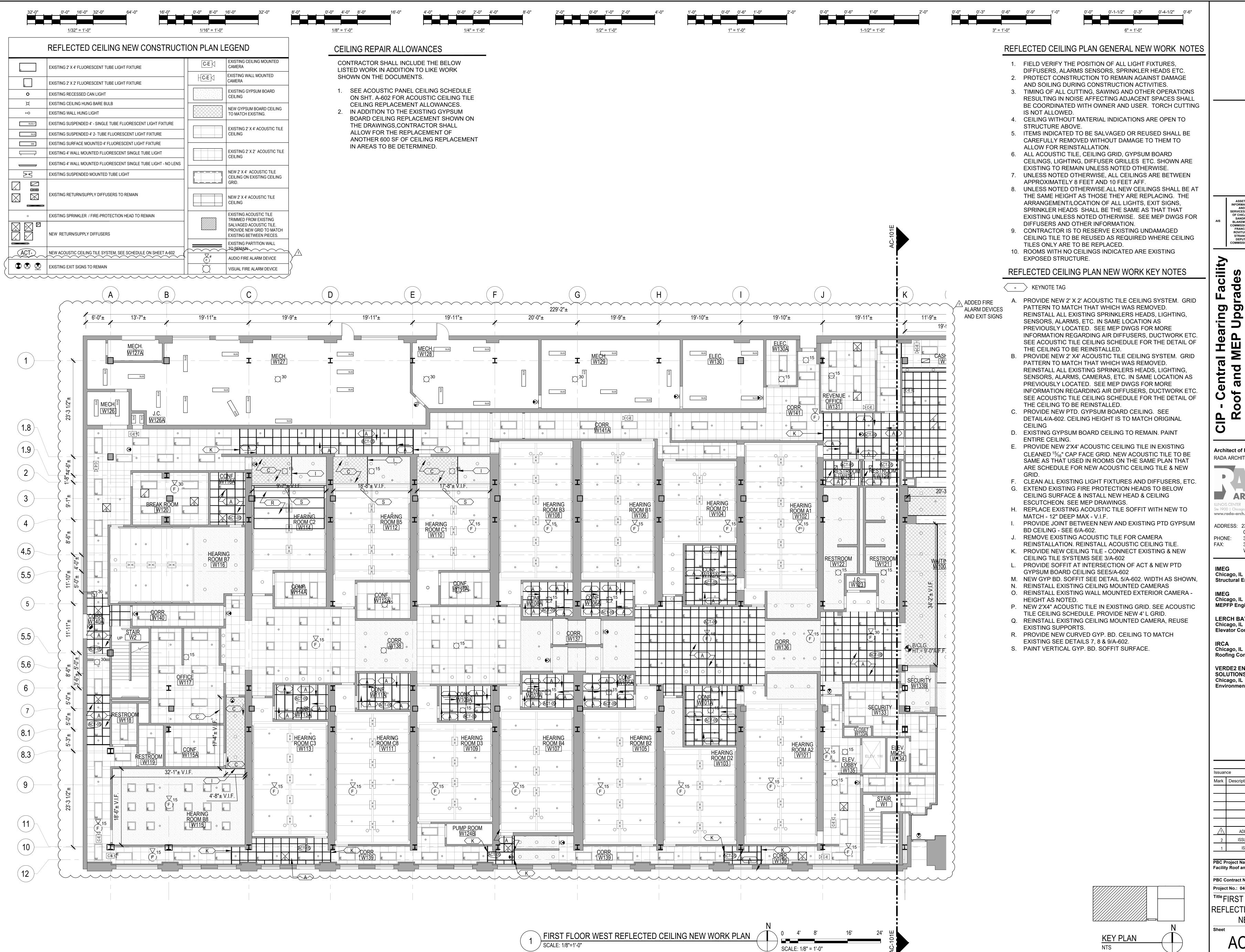
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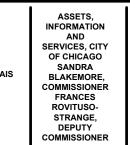
PBC Project Name: CIP - Central Hearing

Facility Roof and MEP Upgrades PBC Contract No: C1606 Project No.: 04044

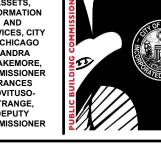
Title FIRST FLOOR EAST REFLECTED CEILING PLAN **NEW WORK**

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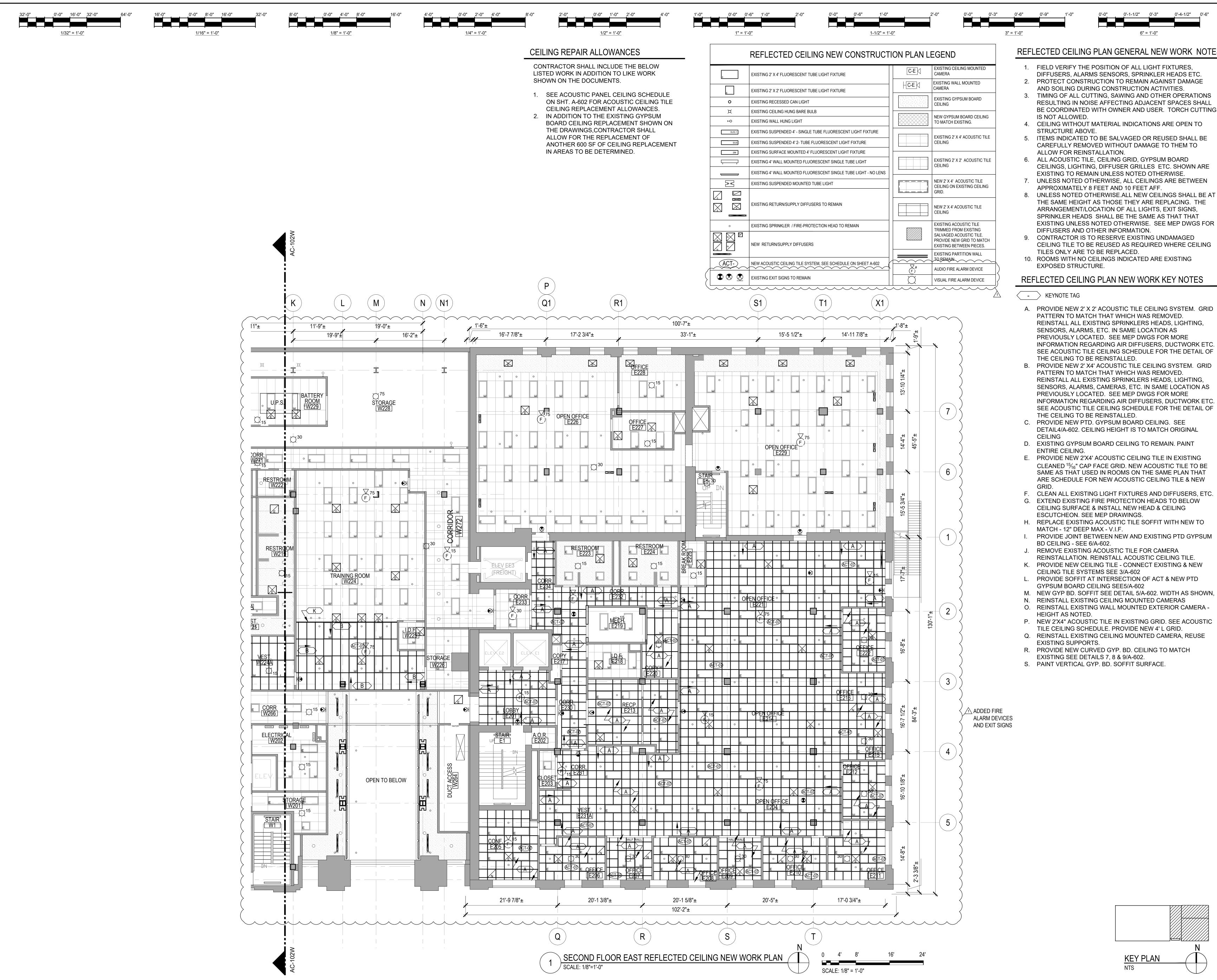
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PBC Project Name: CIP - Central Hearing **Facility Roof and MEP Upgrades**

PBC Contract No: C1606 Project No.: 04044

Title FIRST FLOOR WEST REFLECTED CEILING PLAN **NEW WORK**

AC-101W



REFLECTED CEILING PLAN GENERAL NEW WORK NOTES

- 1. FIELD VERIFY THE POSITION OF ALL LIGHT FIXTURES,
 - 2. PROTECT CONSTRUCTION TO REMAIN AGAINST DAMAGE
- 3. TIMING OF ALL CUTTING, SAWING AND OTHER OPERATIONS RESULTING IN NOISE AFFECTING ADJACENT SPACES SHALL BE COORDINATED WITH OWNER AND USER. TORCH CUTTING
- 4. CEILING WITHOUT MATERIAL INDICATIONS ARE OPEN TO
- 5. ITEMS INDICATED TO BE SALVAGED OR REUSED SHALL BE CAREFULLY REMOVED WITHOUT DAMAGE TO THEM TO
- 6. ALL ACOUSTIC TILE, CEILING GRID, GYPSUM BOARD
- EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
- 8. UNLESS NOTED OTHERWISE.ALL NEW CEILINGS SHALL BE AT THE SAME HEIGHT AS THOSE THEY ARE REPLACING. THE ARRANGEMENT/LOCATION OF ALL LIGHTS, EXIT SIGNS. SPRINKLER HEADS SHALL BE THE SAME AS THAT THAT
- 9. CONTRACTOR IS TO RESERVE EXISTING UNDAMAGED CEILING TILE TO BE REUSED AS REQUIRED WHERE CEILING
- 10. ROOMS WITH NO CEILINGS INDICATED ARE EXISTING

- A. PROVIDE NEW 2' X 2' ACOUSTIC TILE CEILING SYSTEM. GRID PATTERN TO MATCH THAT WHICH WAS REMOVED. REINSTALL ALL EXISTING SPRINKLERS HEADS, LIGHTING, PREVIOUSLY LOCATED. SEE MEP DWGS FOR MORE INFORMATION REGARDING AIR DIFFUSERS, DUCTWORK ETC. SEE ACOUSTIC TILE CEILING SCHEDULE FOR THE DETAIL OF
- B. PROVIDE NEW 2' X4' ACOUSTIC TILE CEILING SYSTEM. GRID PATTERN TO MATCH THAT WHICH WAS REMOVED. REINSTALL ALL EXISTING SPRINKLERS HEADS, LIGHTING, SENSORS, ALARMS, CAMERAS, ETC. IN SAME LOCATION AS PREVIOUSLY LOCATED. SEE MEP DWGS FOR MORE INFORMATION REGARDING AIR DIFFUSERS, DUCTWORK ETC. SEE ACOUSTIC TILE CEILING SCHEDULE FOR THE DETAIL OF
- DETAIL4/A-602. CEILING HEIGHT IS TO MATCH ORIGINAL
- D. EXISTING GYPSUM BOARD CEILING TO REMAIN. PAINT
- E. PROVIDE NEW 2'X4' ACOUSTIC CEILING TILE IN EXISTING CLEANED 15/16" CAP FACE GRID. NEW ACOUSTIC TILE TO BE SAME AS THAT USED IN ROOMS ON THE SAME PLAN THAT ARE SCHEDULE FOR NEW ACOUSTIC CEILING TILE & NEW
- CLEAN ALL EXISTING LIGHT FIXTURES AND DIFFUSERS, ETC. G. EXTEND EXISTING FIRE PROTECTION HEADS TO BELOW CEILING SURFACE & INSTALL NEW HEAD & CEILING

- REINSTALLATION. REINSTALL ACOUSTIC CEILING TILE.
- K. PROVIDE NEW CEILING TILE CONNECT EXISTING & NEW
- M. NEW GYP BD. SOFFIT SEE DETAIL 5/A-602. WIDTH AS SHOWN,
- N. REINSTALL EXISTING CEILING MOUNTED CAMERAS O. REINSTALL EXISTING WALL MOUNTED EXTERIOR CAMERA -
- P. NEW 2'X4" ACOUSTIC TILE IN EXISTING GRID. SEE ACOUSTIC
- Q. REINSTALL EXISTING CEILING MOUNTED CAMERA, REUSE
- R. PROVIDE NEW CURVED GYP. BD. CEILING TO MATCH



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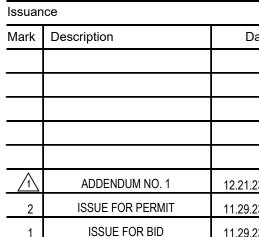
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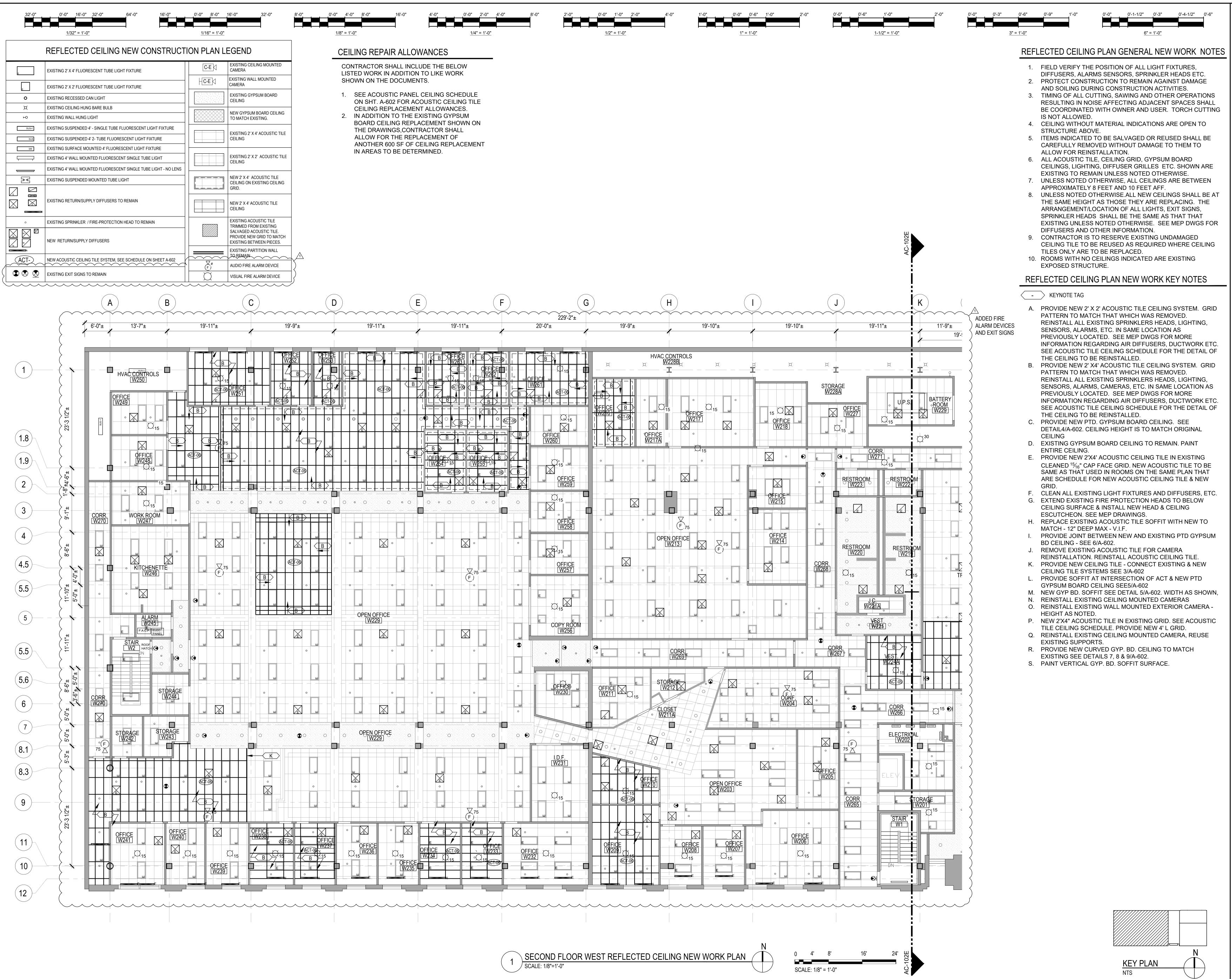


PBC Project Name: CIP - Central Hearing **Facility Roof and MEP Upgrades**

PBC Contract No: C1606 Project No.: 04044

Title SECOND FLOOR EAST REFLECTED CEILING PLAN NEW WORK

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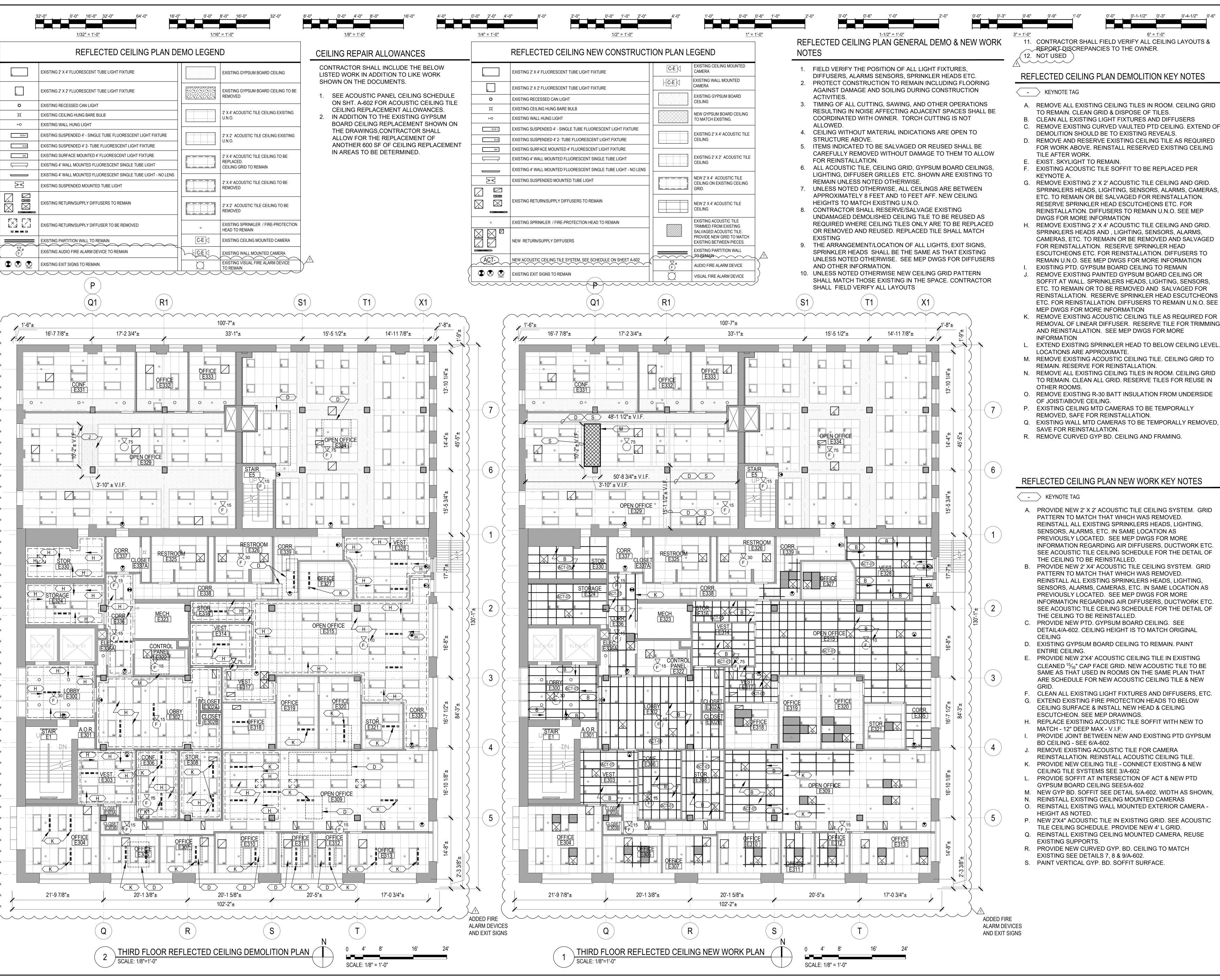
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PBC Project Name: CIP - Central Hearing **Facility Roof and MEP Upgrades**

PBC Contract No: C1606

Title SECOND FLOOR WEST REFLECTED CEILING PLAN NEW WORK

AC-102W



11. CONTRACTOR SHALL FIELD VERIFY ALL CEILING LAYOUTS & REPORT DISCREPANCIES TO THE OWNER.

REFLECTED CEILING PLAN DEMOLITION KEY NOTES

A. REMOVE ALL EXISTING CEILING TILES IN ROOM. CEILING GRID

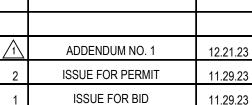
0'-1-1/2" 0'-3" 0'-4-1/2" 0'-6"

<u>6" = 1'-0"</u>

- TO REMAIN. CLEAN GRID & DISPOSE OF TILES.
- C. REMOVE EXISTING CURVED VAULTED PTD CEILING. EXTEND OF DEMOLITION SHOULD BE TO EXISTING REVEALS. D. REMOVE AND RESERVE EXISTING CEILING TILE AS REQUIRED
- F. EXISTING ACOUSTIC TILE SOFFIT TO BE REPLACED PER
- G. REMOVE EXISTING 2' X 2' ACOUSTIC TILE CEILING AND GRID. SPRINKLERS HEADS, LIGHTING, SENSORS, ALARMS, CAMERAS, ETC. TO REMAIN OR BE SALVAGED FOR REINSTALLATION. RESERVE SPRINKLER HEAD ESCUTCHEONS ETC. FOR REINSTALLATION. DIFFUSERS TO REMAIN U.N.O. SEE MEP
- H. REMOVE EXISTING 2' X 4' ACOUSTIC TILE CEILING AND GRID. SPRINKLERS HEADS AND , LIGHTING, SENSORS, ALARMS, CAMERAS, ETC. TO REMAIN OR BE REMOVED AND SALVAGED FOR REINSTALLATION. RESERVE SPRINKLER HEAD ESCUTCHEONS ETC. FOR REINSTALLATION. DIFFUSERS TO
- REMAIN U.N.O. SEE MEP DWGS FOR MORE INFORMATION EXISTING PTD. GYPSUM BOARD CEILING TO REMAIN REMOVE EXISTING PAINTED GYPSUM BOARD CEILING OR SOFFIT AT WALL. SPRINKLERS HEADS, LIGHTING, SENSORS. ETC. TO REMAIN OR TO BE REMOVED AND SALVAGED FOR
- MEP DWGS FOR MORE INFORMATION K. REMOVE EXISTING ACOUSTIC CEILING TILE AS REQUIRED FOR REMOVAL OF LINEAR DIFFUSER. RESERVE TILE FOR TRIMMING AND REINSTALLATION. SEE MEP DWGS FOR MORE
- EXTEND EXISTING SPRINKLER HEAD TO BELOW CEILING LEVEL.
- LOCATIONS ARE APPROXIMATE
- REMAIN. RESERVE FOR REINSTALLATION. N. REMOVE ALL EXISTING CEILING TILES IN ROOM. CEILING GRID TO REMAIN. CLEAN ALL GRID. RESERVE TILES FOR REUSE IN
- O. REMOVE EXISTING R-30 BATT INSULATION FROM UNDERSIDE
- EXISTING CEILING MTD CAMERAS TO BE TEMPORALLY
- Q. EXISTING WALL MTD CAMERAS TO BE TEMPORALLY REMOVED,
- R. REMOVE CURVED GYP BD. CEILING AND FRAMING.

REFLECTED CEILING PLAN NEW WORK KEY NOTES

- PROVIDE NEW 2' X 2' ACOUSTIC TILE CEILING SYSTEM. GRID PATTERN TO MATCH THAT WHICH WAS REMOVED. REINSTALL ALL EXISTING SPRINKLERS HEADS, LIGHTING SENSORS, ALARMS, ETC. IN SAME LOCATION AS SEE ACOUSTIC TILE CEILING SCHEDULE FOR THE DETAIL OF
- PROVIDE NEW 2' X4' ACOUSTIC TILE CEILING SYSTEM. GRID PREVIOUSLY LOCATED. SEE MEP DWGS FOR MORE SEE ACOUSTIC TILE CEILING SCHEDULE FOR THE DETAIL OF
- THE CEILING TO BE REINSTALLED. PROVIDE NEW PTD. GYPSUM BOARD CEILING. SEE DETAIL4/A-602. CEILING HEIGHT IS TO MATCH ORIGINAL
- D. EXISTING GYPSUM BOARD CEILING TO REMAIN. PAINT
- PROVIDE NEW 2'X4' ACOUSTIC CEILING TILE IN EXISTING CLEANED $^{15}/_{16}$ " CAP FACE GRID. NEW ACOUSTIC TILE TO BE SAME AS THAT USED IN ROOMS ON THE SAME PLAN THAT ARE SCHEDULE FOR NEW ACOUSTIC CEILING TILE & NEW
- CLEAN ALL EXISTING LIGHT FIXTURES AND DIFFUSERS, ETC EXTEND EXISTING FIRE PROTECTION HEADS TO BELOW CEILING SURFACE & INSTALL NEW HEAD & CEILING
- ESCUTCHEON. SEE MEP DRAWINGS. REPLACE EXISTING ACOUSTIC TILE SOFFIT WITH NEW TO MATCH - 12" DEEP MAX - V.I.F. PROVIDE JOINT BETWEEN NEW AND EXISTING PTD GYPSUM
- REMOVE EXISTING ACOUSTIC TILE FOR CAMERA
- REINSTALLATION. REINSTALL ACOUSTIC CEILING TILE. PROVIDE NEW CEILING TILE - CONNECT EXISTING & NEW
- PROVIDE SOFFIT AT INTERSECTION OF ACT & NEW PTD SYPSUM BOARD CEILING SEE5/A-602 NEW GYP BD. SOFFIT SEE DETAIL 5/A-602. WIDTH AS SHOWN,
- REINSTALL EXISTING CEILING MOUNTED CAMERAS
- REINSTALL EXISTING WALL MOUNTED EXTERIOR CAMERA
- TILE CEILING SCHEDULE. PROVIDE NEW 4' L GRID. Q. REINSTALL EXISTING CEILING MOUNTED CAMERA, REUSE
- R. PROVIDE NEW CURVED GYP. BD. CEILING TO MATCH
- EXISTING SEE DETAILS 7, 8 & 9/A-602.
- S. PAINT VERTICAL GYP. BD. SOFFIT SURFACE.

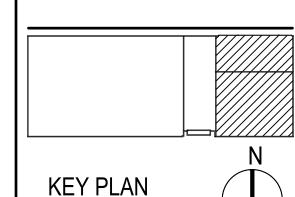


PBC Project Name: CIP - Central Hearing **Facility Roof and MEP Upgrades**

PBC Contract No: C1606 Project No.: 04044

THIRD FLOOR REFLECTED CEILING DEMO & NEW WORK PLAN

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Roofing Consultant

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312.856.1978

Structural Engineers of Record

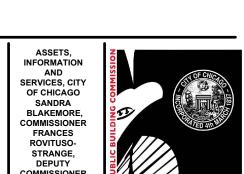
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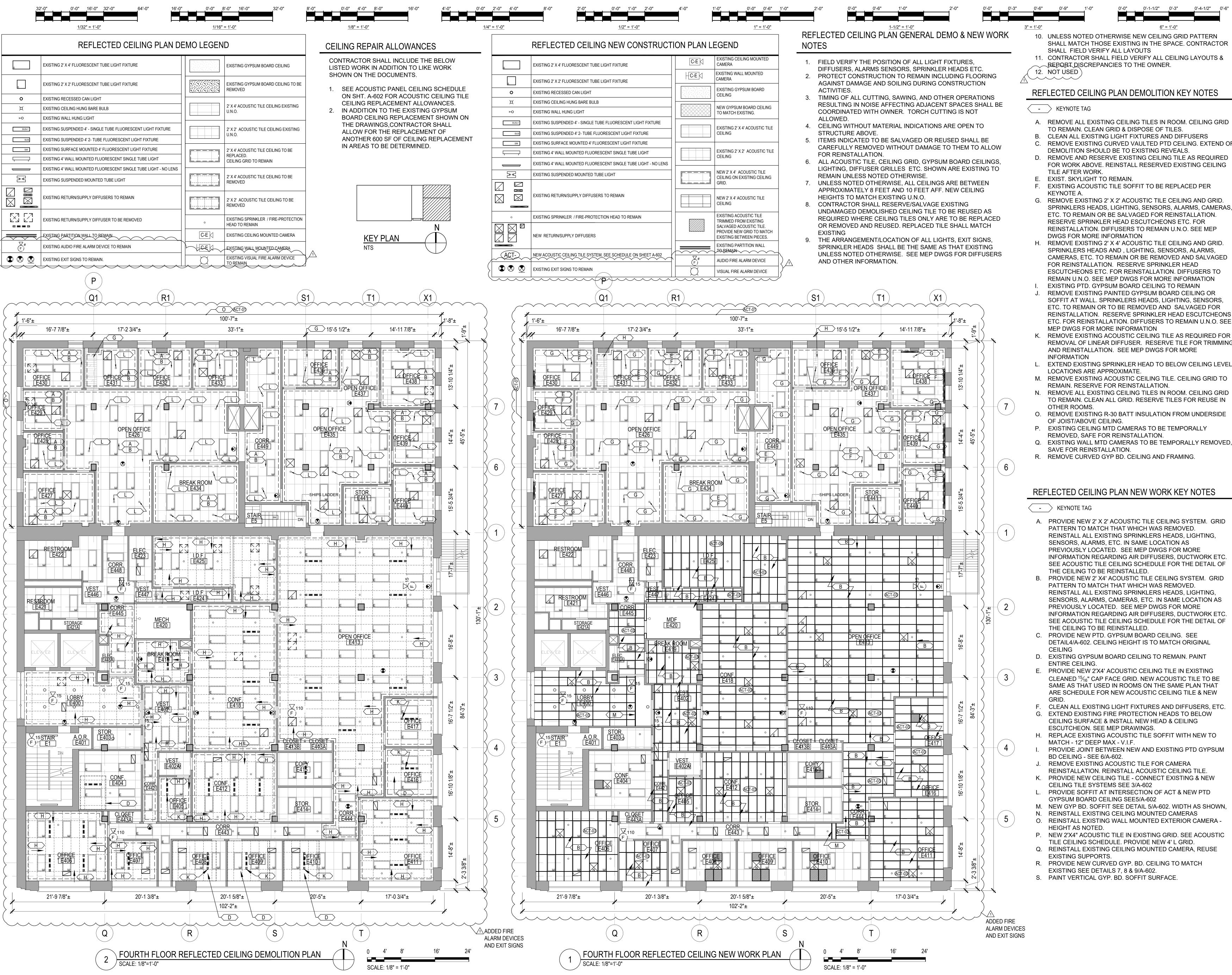
Environmental Consultant

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10. UNLESS NOTED OTHERWISE NEW CEILING GRID PATTERN SHALL MATCH THOSE EXISTING IN THE SPACE, CONTRACTOR

SHALL FIELD VERIFY ALL LAYOUTS 11. CONTRACTOR SHALL FIELD VERIFY ALL CEILING LAYOUTS & REPORT DISCREPANCIES TO THE OWNER.

0'-1-1/2" 0'-3" 0'-4-1/2" 0'-6"

6" = 1'-0"

- A. REMOVE ALL EXISTING CEILING TILES IN ROOM. CEILING GRID
- TO REMAIN. CLEAN GRID & DISPOSE OF TILES. B. CLEAN ALL EXISTING LIGHT FIXTURES AND DIFFUSERS
- REMOVE EXISTING CURVED VAULTED PTD CEILING. EXTEND OF DEMOLITION SHOULD BE TO EXISTING REVEALS.
- D. REMOVE AND RESERVE EXISTING CEILING TILE AS REQUIRED FOR WORK ABOVE. REINSTALL RESERVED EXISTING CEILING
- E. EXIST. SKYLIGHT TO REMAIN.
- F. EXISTING ACOUSTIC TILE SOFFIT TO BE REPLACED PER
- G. REMOVE EXISTING 2' X 2' ACOUSTIC TILE CEILING AND GRID. SPRINKLERS HEADS, LIGHTING, SENSORS, ALARMS, CAMERAS, ETC. TO REMAIN OR BE SALVAGED FOR REINSTALLATION. RESERVE SPRINKLER HEAD ESCUTCHEONS ETC. FOR REINSTALLATION. DIFFUSERS TO REMAIN U.N.O. SEE MEP
- DWGS FOR MORE INFORMATION H. REMOVE EXISTING 2' X 4' ACOUSTIC TILE CEILING AND GRID. SPRINKLERS HEADS AND , LIGHTING, SENSORS, ALARMS, CAMERAS, ETC. TO REMAIN OR BE REMOVED AND SALVAGED FOR REINSTALLATION. RESERVE SPRINKLER HEAD ESCUTCHEONS ETC. FOR REINSTALLATION. DIFFUSERS TO
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- EXTEND EXISTING SPRINKLER HEAD TO BELOW CEILING LEVEL.
- LOCATIONS ARE APPROXIMATE M. REMOVE EXISTING ACOUSTIC CEILING TILE. CEILING GRID TO
- REMAIN. RESERVE FOR REINSTALLATION.
- N. REMOVE ALL EXISTING CEILING TILES IN ROOM. CEILING GRID TO REMAIN. CLEAN ALL GRID. RESERVE TILES FOR REUSE IN OTHER ROOMS.
- REMOVE EXISTING R-30 BATT INSULATION FROM UNDERSIDE OF JOIST/ABOVE CEILING.
- P. EXISTING CEILING MTD CAMERAS TO BE TEMPORALLY REMOVED, SAFE FOR REINSTALLATION.
- Q. EXISTING WALL MTD CAMERAS TO BE TEMPORALLY REMOVED, SAVE FOR REINSTALLATION.
- R. REMOVE CURVED GYP BD. CEILING AND FRAMING.

REFLECTED CEILING PLAN NEW WORK KEY NOTES

- PROVIDE NEW 2' X 2' ACOUSTIC TILE CEILING SYSTEM. GRID PATTERN TO MATCH THAT WHICH WAS REMOVED SENSORS, ALARMS, ETC. IN SAME LOCATION AS PREVIOUSLY LOCATED. SEE MEP DWGS FOR MORE INFORMATION REGARDING AIR DIFFUSERS, DUCTWORK ETC SEE ACOUSTIC TILE CEILING SCHEDULE FOR THE DETAIL OF THE CEILING TO BE REINSTALLED.
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- D. EXISTING GYPSUM BOARD CEILING TO REMAIN. PAINT ENTIRE CEILING.
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- REPLACE EXISTING ACOUSTIC TILE SOFFIT WITH NEW TO MATCH - 12" DEEP MAX - V.I.F. PROVIDE JOINT BETWEEN NEW AND EXISTING PTD GYPSUM
- BD CEILING SEE 6/A-602. REMOVE EXISTING ACOUSTIC TILE FOR CAMERA REINSTALLATION. REINSTALL ACOUSTIC CEILING TILE.
- PROVIDE NEW CEILING TILE CONNECT EXISTING & NEW CEILING TILE SYSTEMS SEE 3/A-602
- NEW GYP BD. SOFFIT SEE DETAIL 5/A-602. WIDTH AS SHOWN, REINSTALL EXISTING CEILING MOUNTED CAMERAS
- REINSTALL EXISTING WALL MOUNTED EXTERIOR CAMERA HEIGHT AS NOTED.
- P. NEW 2'X4" ACOUSTIC TILE IN EXISTING GRID. SEE ACOUSTIC TILE CEILING SCHEDULE. PROVIDE NEW 4' L GRID. Q. REINSTALL EXISTING CEILING MOUNTED CAMERA, REUSE
- **EXISTING SUPPORTS.** R. PROVIDE NEW CURVED GYP. BD. CEILING TO MATCH
- EXISTING SEE DETAILS 7, 8 & 9/A-602.
- S. PAINT VERTICAL GYP. BD. SOFFIT SURFACE.

ISSUE FOR PERMIT ISSUE FOR BID PBC Project Name: CIP - Central Hearing **Facility Roof and MEP Upgrades PBC Contract No: C1606** Project No.: 04044 FOURTH FLOOR

ADDENDUM NO. 1

AC-104

REFLECTED CEILING

DEMO & NEW WORK PLAN



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MEPFP Engineers of Record LERCH BATES Chicago, IL

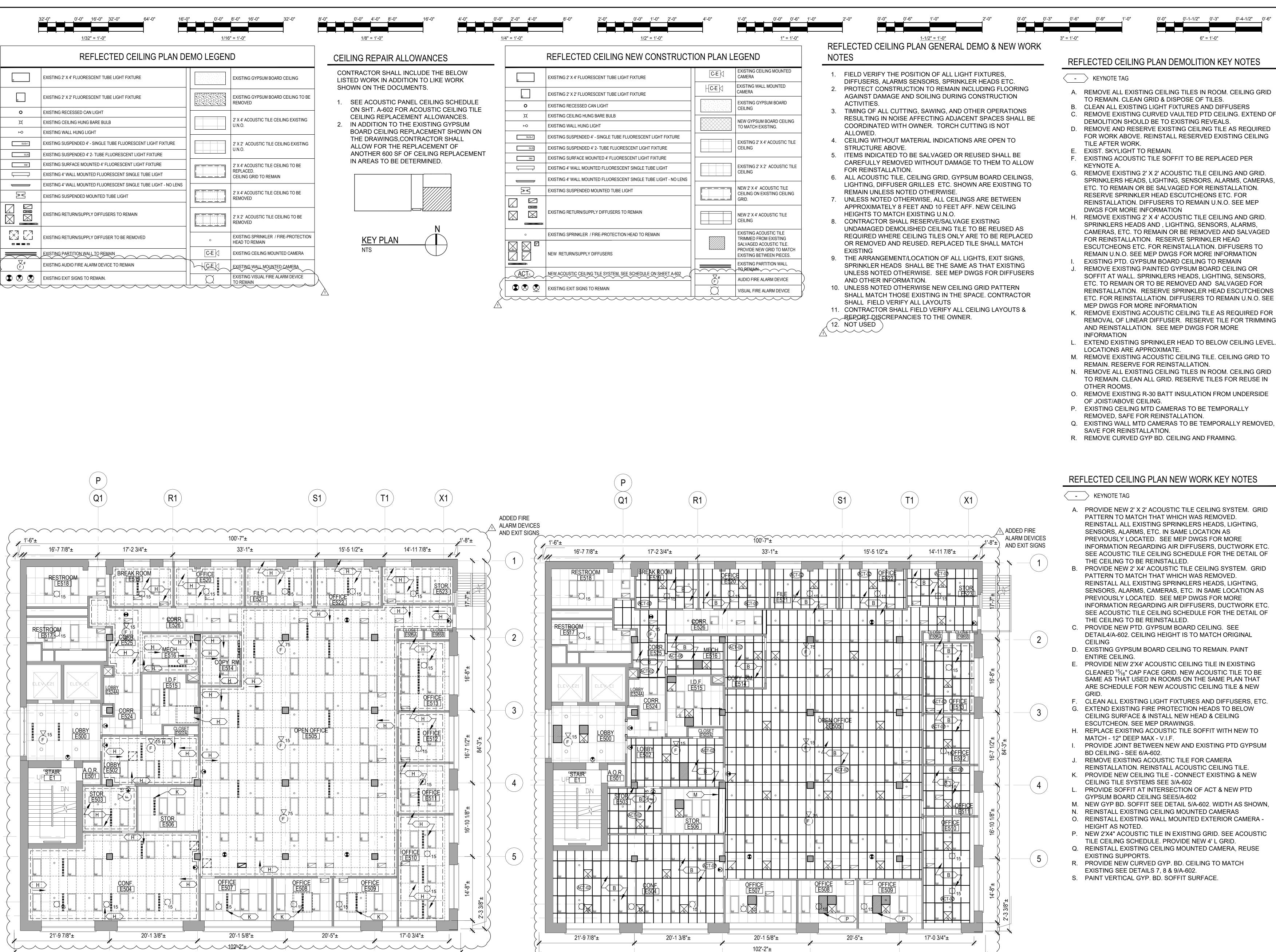
Chicago, IL **Roofing Consultant**

Issuance

Mark Description

Elevator Consultant

VERDE2 ENVIRONMENTAL SOLUTIONS Chicago, IL **Environmental Consultant**



FIFTH FLOOR REFLECTED CEILING DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

SCALE: 1/8"=1'-0"

FIFTH FLOOR REFLECTED CEILING NEW WORK PLAN

SCALE: 1/8" = 1'-0"

SCALE: 1/8"=1'-0"

REFLECTED CEILING PLAN DEMOLITION KEY NOTES

0'-1-1/2" 0'-3" 0'-4-1/2" 0'-6"

<u>6" = 1'-0"</u>

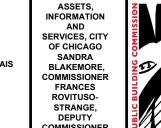
KEYNOTE TAG

- A. REMOVE ALL EXISTING CEILING TILES IN ROOM. CEILING GRID TO REMAIN. CLEAN GRID & DISPOSE OF TILES.
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- L. EXTEND EXISTING SPRINKLER HEAD TO BELOW CEILING LEVEL. LOCATIONS ARE APPROXIMATE
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- Q. EXISTING WALL MTD CAMERAS TO BE TEMPORALLY REMOVED, SAVE FOR REINSTALLATION.
- R. REMOVE CURVED GYP BD. CEILING AND FRAMING

REFLECTED CEILING PLAN NEW WORK KEY NOTES

- > KEYNOTE TAG

- A. PROVIDE NEW 2' X 2' ACOUSTIC TILE CEILING SYSTEM. GRID REINSTALL ALL EXISTING SPRINKLERS HEADS, LIGHTING SENSORS, ALARMS, ETC. IN SAME LOCATION AS PREVIOUSLY LOCATED. SEE MEP DWGS FOR MORE SEE ACOUSTIC TILE CEILING SCHEDULE FOR THE DETAIL OF THE CEILING TO BE REINSTALLED.
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- PROVIDE NEW 2'X4' ACOUSTIC CEILING TILE IN EXISTING CLEANED 15/16" CAP FACE GRID. NEW ACOUSTIC TILE TO BE SAME AS THAT USED IN ROOMS ON THE SAME PLAN THAT ARE SCHEDULE FOR NEW ACOUSTIC CEILING TILE & NEW
- CLEAN ALL EXISTING LIGHT FIXTURES AND DIFFUSERS, ETC EXTEND EXISTING FIRE PROTECTION HEADS TO BELOW CEILING SURFACE & INSTALL NEW HEAD & CEILING ESCUTCHEON. SEE MEP DRAWINGS.
- REPLACE EXISTING ACOUSTIC TILE SOFFIT WITH NEW TO MATCH - 12" DEEP MAX - V.I.F. PROVIDE JOINT BETWEEN NEW AND EXISTING PTD GYPSUM
- BD CEILING SEE 6/A-602. REMOVE EXISTING ACOUSTIC TILE FOR CAMERA
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- PROVIDE NEW CEILING TILE CONNECT EXISTING & NEW CEILING TILE SYSTEMS SEE 3/A-602
- PROVIDE SOFFIT AT INTERSECTION OF ACT & NEW PTD GYPSUM BOARD CEILING SEE5/A-602 NEW GYP BD. SOFFIT SEE DETAIL 5/A-602. WIDTH AS SHOWN,
- REINSTALL EXISTING CEILING MOUNTED CAMERAS O. REINSTALL EXISTING WALL MOUNTED EXTERIOR CAMERA -HEIGHT AS NOTED.
- NEW 2'X4" ACOUSTIC TILE IN EXISTING GRID. SEE ACOUSTIC TILE CEILING SCHEDULE. PROVIDE NEW 4' L GRID.
- REINSTALL EXISTING CEILING MOUNTED CAMERA, REUSE
- EXISTING SUPPORTS.
- R. PROVIDE NEW CURVED GYP. BD. CEILING TO MATCH
- S. PAINT VERTICAL GYP. BD. SOFFIT SURFACE
- EXISTING SEE DETAILS 7, 8 & 9/A-602.



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Environmental Consultant

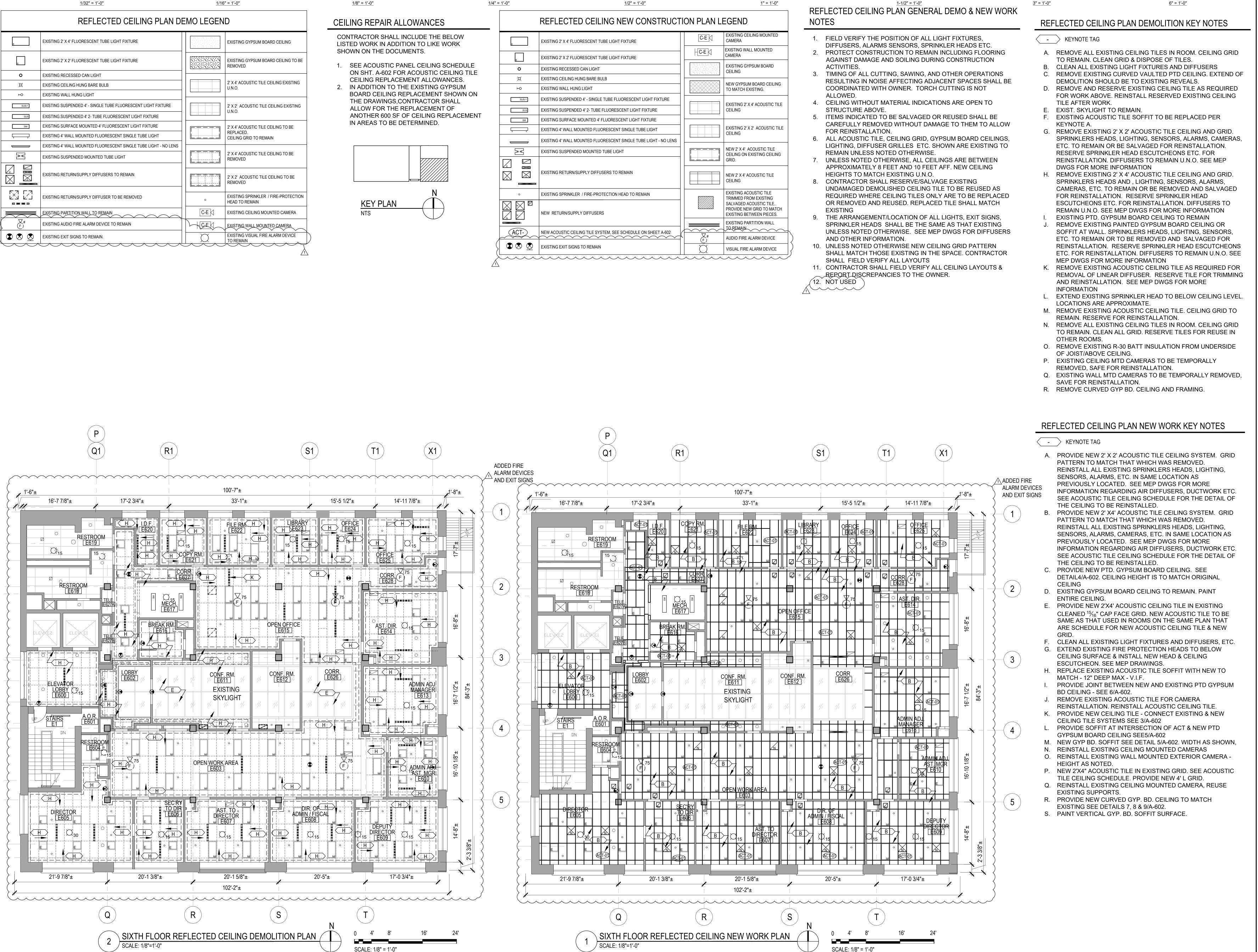
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2	ISSUE FOR PERMIT	11.29.23
1	ISSUE FOR BID	11.29.23

PBC Project Name: CIP - Central Hearing **Facility Roof and MEP Upgrades**

PBC Contract No: C1606 Project No.: 04044

Title FIFTH FLOOR REFLECTED CEILING **DEMO & NEW WORK PLAN**

AC-105



0'-0" 1'-0" 2'-0"

0'-0" 0'-6" 1'-0"

1'-0"

0'-3"

0'-9"

0'-1-1/2" 0'-3" 0'-4-1/2" 0'-6"

0'-0" 16'-0" 32'-0"

0'-0" 8'-0" 16'-0"

0'-0" 4'-0" 8'-0"

0'-0" 2'-0" 4'-0"

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Chicago, IL Roofing Consultant

VERDE2 ENVIRONMENTAL SOLUTIONS Chicago, IL **Environmental Consultant**

Issuance Mark Description ISSUE FOR PERMIT ISSUE FOR BID

PBC Project Name: CIP - Central Hearing

Facility Roof and MEP Upgrades PBC Contract No: C1606

Title SIXTH FLOOR REFLECTED CEILING

DEMO & NEW WORK PLAN

AC-106

<u>1/2" = 1'-0"</u>

<u>1" = 1'-0"</u>

4'-0" 0'-0" 2'-0" 4'-0"

1/4" = 1'-0"

.0'-0" .16'-0" .32'-0"

1/32" = 1'-0"

0'-0" 8'-0" 16'-0"

<u>1/16" = 1'-0"</u>

32'-0"

0'-0" 4'-0" 8'-0"

1/8" = 1'-0"

16'-0"

<u>3" = 1'-0"</u>

GENERAL NOTES: REFER TO SHEET M-000 FOR PRE-DEMOLITION TESTING

<u>1-1/2" = 1'-0"</u>

KEYNOTES: #

EXISTING AHU (APPROX. 8000 CFM) INCLUDING INLET PLENUM, FILTER BOX, HOT WATER PREHEAT COIL, CHILLED WATER COIL AND VERTICAL FAN SECTION TO BE REMOVED. REMOVE PIPING BACK TO SHUTOFF VALVES IN MECH ROOM. DISCONNECT SA DUCT AT MECHANICAL ROOM WALL, DOWNSTREAM SA DUCT TO REMAIN. EXIST. MIXED AIR DUCT DROP IS TO REMAIN. REMOVE ALL ASSOCIATED CONTROLS.

<u>6" = 1'-0"</u>

EXISTING IN-LINE RETURN EXHAUST FAN IS TO BE REMOVED ALONG WITH INLET AND OUTLET DUCT FITTINGS AS SHOWN. REMOVE ASSOCIATED CONTROLS AND VFD. REMOVE

ALL ASSOCIATED CONTROLS. EXISTING MOTORIZED CONTROL DAMPERS AND ASSOCIATED WIRING TO BE REMOVED.

EXISTING DUCT IS TO REMAIN. REMOVE EXISTING EXHAUST DUCTWORK ASSOCIATED WITH ROOF FAN, INCLUDING IN IDF ROOM CEILING. EXISTING LOW EXHAUST GRILLES TO BE CAPPED OFF, ALONG WITH DUCT AT CEILING. EXISTING VERTICAL CHASE

AND ENCLOSED DUCT TO BE LEFT IN PLACE.

REMOVE EXISTING BAS CONTROLS INCLUDING CONTROLLER, THERMOSTAT/TEMP SENSOR, WIRING, CONDUIT AND MISCELLANEOUS DEVICES FOR EXISTING FAN POWERED VAV BOX WHICH IS TO REMAIN IN OPERATION. PRIOR TO REMOVING CONTROLS. TEST EXIST. FAN, HEATING COIL, CONTACTORS, PRIMARY AIR DAMPER AND ACTUATOR FOR PROPER OPERATION.

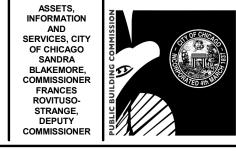
REMOVE EXIST. TAB AND ALL ASSOCIATED CONTROLS, REMOVE INLET/OUTLET DUCTING AS SHOWN.

AS PART OF ALTERNATE #3 ONLY, AFTER NEW SYSTEMS ARE OPERATIONAL, COORDINATE WITH OWNER TO REMOVE SPOT COOLER AND REMOVE ASSOCIATED DUCTS AND PIPING.

CONTROLS.

RTU-1 ABOVE. REMOVE ABANDONED CONTROLS, NIGHT SETBACK THERMOSTAT AND ACTIVE TELETROL CONTROLLER AND WIRING. EXISTING CONTROL CABINET AND RACEWAY TO RTU MOUNTED CONTROLS MAY BE RE-USED.

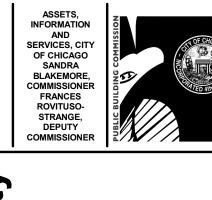




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REMOVE EXISTING DUCT MOUNTED MOTORIZED DAMPER AND ALL ASSOCIATED

EXISTING CONTROL PANEL ENCLOSURE FOR



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Illinois Design Firm Registration #184.007637-0014 **REF. SCALE IN INCHES** PROJECT #22001557.01

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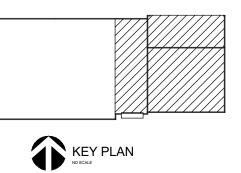


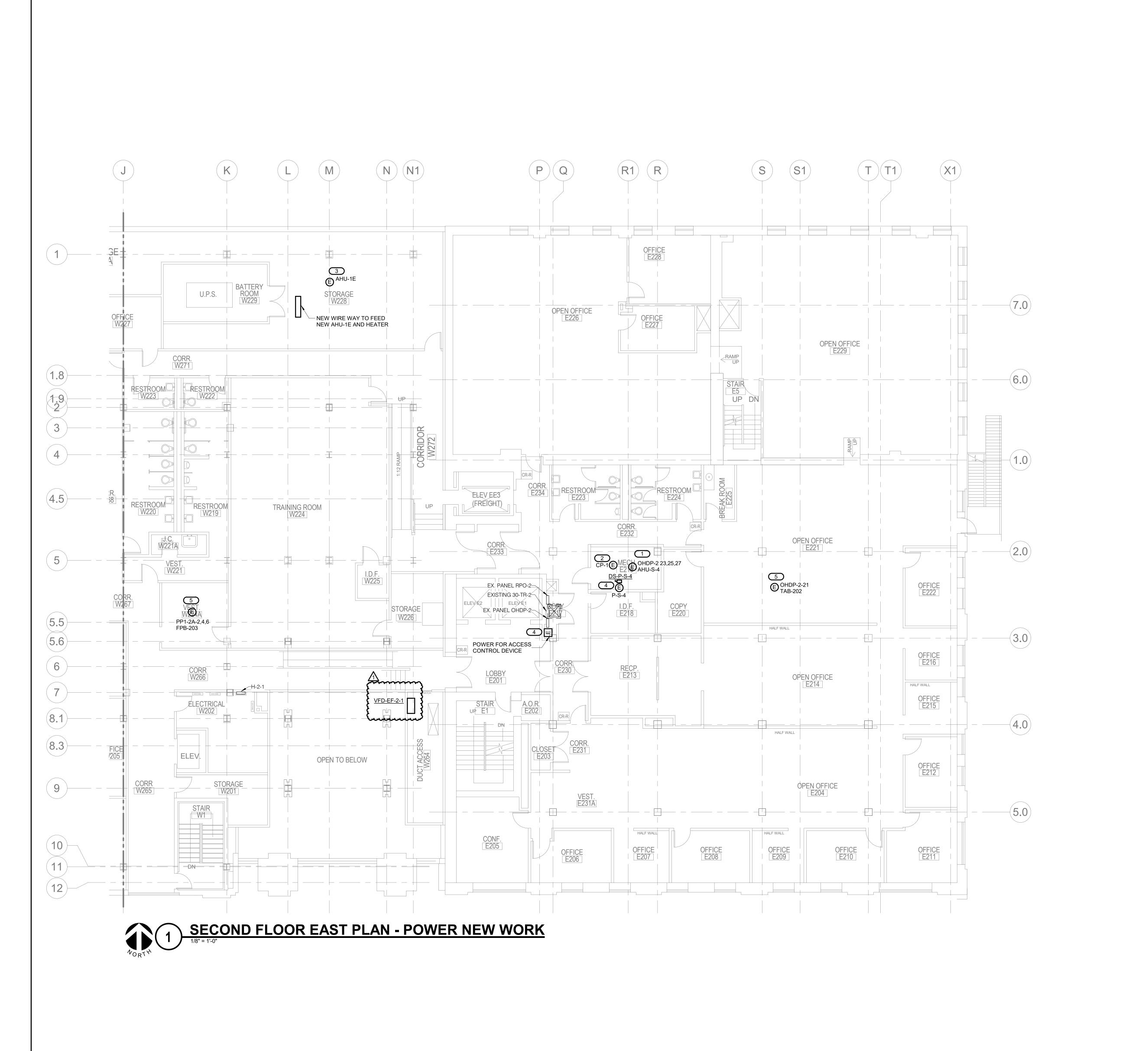
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1	ADDENDUM NO. 1	12.2
	ISSUE FOR PERMIT	11.2
	ISSUE FOR BID	11.2

PBC Project Name: CIP - Central Hearing Facility Roof and MEP Upgrades

PBC Contract No: C1606 Project No.: 04044

Titl FOURTH FLOOR EAST PLAN - MECHANICAL **DEMOLITION**





1/4" = 1'-0"

<u>1" = 1'-0"</u>

<u>1/2" = 1'-0"</u>

0'-0" 8'-0" 16'-0"

<u>1/8" = 1'-0"</u>

<u>1/16" = 1'-0"</u>

1/32" = 1'-0"

<u>3" = 1'-0"</u> <u>6" = 1'-0"</u>

GENERAL NOTES:

<u>1-1/2" = 1'-0"</u>

. ALL DUCT SMOKE DETECTORS SHALL BE REINSTALLED IN THE RETURN AIR DUCT.

KEYNOTES: #

. NEW SINGLE POINT POWER CONNECTION FOR NEW AHU. PROVIDE NEW WIRING. REUSE EXISTING CONDUIT AND EXTEND AS NEEDED. REINSTALL EXISTING SMOKE DETECTOR. PROVIDE NEW 120V/20A CIRCUIT FROM

EXISTING PANEL RPO-2, UTILIZE NEXT AVAILABLE CIRCUIT. PROVIDE 2#12+#12GND IN NEW AHU-1E. EXTEND WIRING AND CONDUIT FROM FIRST FLOOR EXISTING PANEL "A" TO

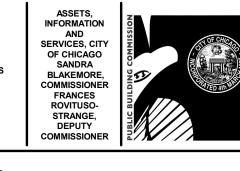
COORDINATE EQUIPMENT LOCATION WITH MECHANICAL CONTRACTOR. . PROVIDE NEW 120V/20A CIRCUIT FROM EXISTING PANEL RPO-2, UTILIZE NEXT AVAILABLE CIRCUIT. PROVIDE 2#12+#12GND IN

NEW AIR HANDLING UNIT LOCATION.

DISCONNECT/CONTROLLER PROVIDED BY MANUFACTURER AND INSTALLED BY E.C. ELECTRICAL CONTRACTOR SHALL WIRE AS PER MANUFACTURER'S RECOMMENDATIONS.







acility

Architect of Record:

Sentral Hearing | f and MEP Upgr



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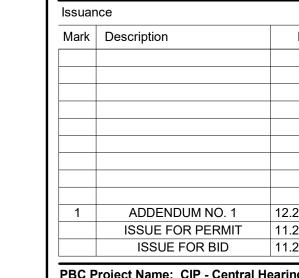
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LERCH BATES Chicago, IL Elevator Consultant

Chicago, IL Roofing Consultant **VERDE2 ENVIRONMENTAL** SOLUTIONS Chicago, IL Environmental Consultant





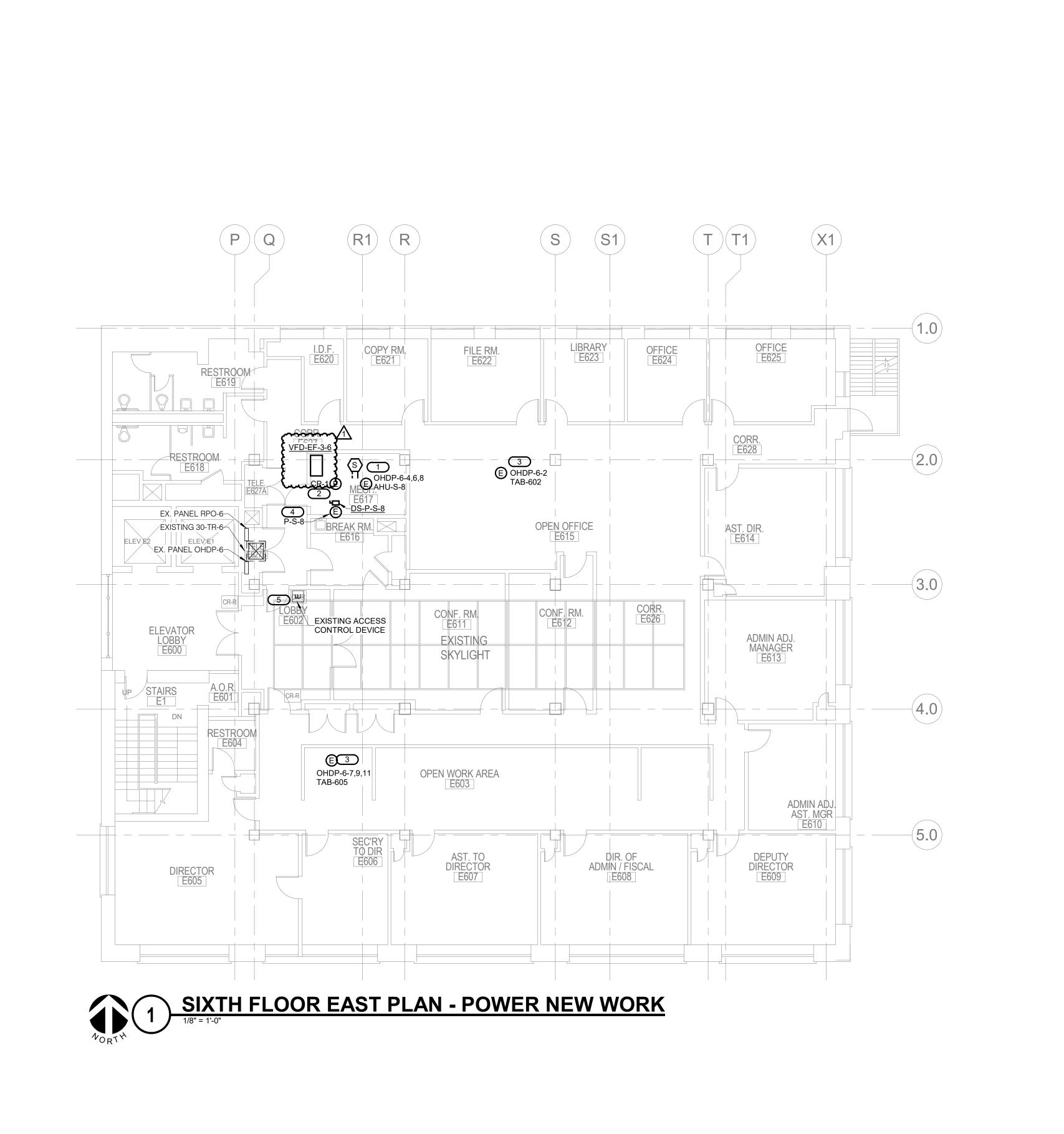
PBC Project Name: CIP - Central Hearing Facility Roof and MEP Upgrades

PBC Contract No: C1606 Project No.: 04044

KEY PLAN NOSCALE

SECOND FLOOR EAST PLAN - POWER





<u>1" = 1'-0"</u>

<u>1/2" = 1'-0"</u>

4'-0" 0'-0" 2'-0" 4'-0"

1/4" = 1'-0"

0'-0" 4'-0" 8'-0"

<u>1/8" = 1'-0"</u>

16'-0"

16'-0" 0'-0" 8'-0" 16'-0"

<u>1/16" = 1'-0"</u>

1/32" = 1'-0"

32'-0"



GENERAL NOTES:

ALL DUCT SMOKE DETECTORS SHALL BE REINSTALLED IN THE RETURN AIR DUCT.

<u>3" = 1'-0"</u>

<u>1-1/2" = 1'-0"</u>

KEYNOTES: #

NEW SINGLE POINT POWER CONNECTION FOR NEW AHU. PROVIDE NEW WIRING. REUSE EXISTING CONDUIT AND EXTEND AS NEEDED.

2. PROVIDE NEW 120V/20A CIRCUIT FROM EXISTING PANEL RPO-6, UTILIZE NEXT

AVAILABLE CIRCUIT. PROVIDE 2#12+#12GND IN 3/4"C.

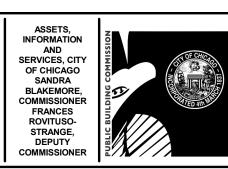
DISCONNECT/CONTROLLER PROVIDED BY MANUFACTURER. ELECTRICAL CONTRACTOR

SHALL WIRE AS PER MANUFACTURER'S RECOMMENDATIONS.

4. PROVIDE NEW 120V/20A CIRCUIT FROM EXISTING PANEL RPO-6, UTILIZE NEXT AVAILABLE CIRCUIT. PROVIDE 2#12+#12GND II

EXISTING CARD READER/DOOR ACCESS CONTROL TO BE REMOVED AND RE-INSTALLED AS PART OF DOOR/WALL REPLACEMENT. REMOVE WIRING TO CARD READER AND ELECTRIC STRIKE AND RE-INSTALL WITHIN NEW WALL AND TO RELOCATED DOOR. SECURITY SYSTEM IS UNDER WARRANTY. UTILIZE SERVICES OF OWNER'S VENDOR TO MAINTAIN WARRANTY.





- Central Hearing Facility
of and MEP Upgrades

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CHICAGO, IL 60654

400 W. SUPERIOI CHICAGO, IL 6068 PUBLIC BUILDING COMIN

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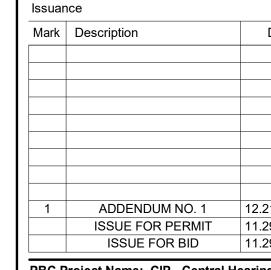
0 1 2

REF. SCALE IN INCHES PROJECT #22001557.01

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Chicago, IL
Elevator Consultant
IRCA
Chicago, IL
Roofing Consultant

VERDE2 ENVIRONMENTAL SOLUTIONS Chicago, IL Environmental Consultant

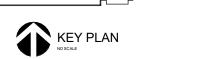




PBC Project Name: CIP - Central Hearing
Facility Roof and MEP Upgrades

PBC Contract No: C1606
Project No.: 04044

SIXTH FLOOR EAST PLAN POWER



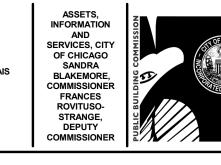
E-106

STARTER T	YPE:			AC	CESSOR	RIES & OP	TIONS (R	EFER TO SPI	ECIFICATIONS	S FOR ADDITIONAL INFORMA	TION):
		MODULATED				DED VFD (-			RSS - REMOTE START-STOP,	
(6,12	,18 PULSE	PWM REQUIRE	D)	LP	F - LEAD	NG POWE	R FACTO	OR MANAGEN	1ENT	SA - STANDARD ACCESSORII	ES FOR ALL DRIVES
AFE - ACTIV	E FRONT	END / ULTRA		DE	B - DYNAN	IIC BRAKI	NG			(INCLUDES * ITEMS)	
LOW	HARMONI	C (REQUIRED)		PH	IF - PASS	IVE HARN	IONIC FIL	.TER		* MANUAL SPEED ADJU	STMENT
LINE DISCO	NNECT:	,		AH	IF - ACTI\	/E HARMO	NIC FILT	ER		* ELECTRONIC THERMA	L OVERLOADS
DS - DISCO	NNECT SW	/ITCH		CA	· - TWO C	ONVERTI	BLE AUX	LIARY CONT.	ACTS	* CONTROL TRANSFOR	MER, FUSED, 120V
FDS - FUSE	D DISCON	NECT SWITCH		TC	- MELTII	NG THERM	MAL OVE	RLOADS		* HAND-OFF-AUTO DOO	R SWITCH
CB - CIRCUI	T BREAKE	R		M	ло - MUL	TIPLE MO	TOR OVE	RLOADS		* SKIP FREQUENCY CAP	PABILITY
				FC	H - FORC	ED COOL	ING / HE	ATING		* HARMONIC DISTORTIO	ON PERFORMANCE CRITERIA
										REFER TO SPECIFICA	TIONS
							DRIVE				
ITEM	LINE DISC.	DRIVE BYPASS	SCCR	CIRCUIT VOLTAGE	POLES	HP RATING	TYPE	TORQUE TYPE	ENCLOSURE	REQUIRED ACCESSORIES & OPTIONS	COMMENTS
FD-EF-2-1	DS	2 CONTACT	100 kA	480 V	3	7.5	PWM	VARIABLE	NEMA 1	SA [LR]	
FD-EF-3-6	DS	2 CONTACT	100 kA	480 V	3	20	PWM	VARIABLE	NEMA 1	SA [LR]	
FD-P-1	DS	2 CONTACT	100 kA	480 V	3	25	PWM	VARIABLE	NEMA 1	SA [LR]	
FD-P-1A	DS	2 CONTACT	100 kA	480 V	3	25	PWM	VARIABLE	NEMA 1	SA [LR]	
FD-REF-1E	DS	2 CONTACT	100 kA	480 V	3	15	PWM	VARIABLE	NEMA 1	SA [LR]	1
FD-REF-1W	DS	2 CONTACT	100 kA	480 V	3	15	PWM	VARIABLE	NEMA 1	SA [LR]	1
FD-REF-3	DS	2 CONTACT	100 kA	460 V	3	1	PWM	VARIABLE	NEMA 1	SA [LR]	
FD-S-1E	DS	2 CONTACT	100 kA	480 V	3	30	PWM	VARIABLE	NEMA 1	SA [LR]	1
FD-S-1W	DS	2 CONTACT	100 kA	480 V	3	20	PWM	VARIABLE	NEMA 1	SA [LR]	1
FD-S-2E	DS	2 CONTACT	100 kA	480 V	3	30	PWM	VARIABLE	NEMA 1	SA [LR]	1
FD-S-2E	DS	2 CONTACT	100 kA	480 V	3	7.5	PWM	VARIABLE	NEMA 1	SA [LR]	1
FD-S-2W	DS	2 CONTACT	100 kA	480 V	3	30	PWM	VARIABLE	NEMA 1	SA [LR]	1
FD-S-2W	DS	2 CONTACT	100 kA	480 V	3	15	PWM	VARIABLE	NEMA 1	SA [LR]	1

ELE (CTRICAL W	IRING SCHEDULE
PANEL	ITEM	WIRE AND RACEWAY
H-2-1		
	FPB-201	3#12 & 1#12 EGC IN 3/4" C.
	FPB-202	3#12 & 1#12 EGC IN 3/4" C.
OHDP-1		
	AHU-S-3	3#12 & 1#12 EGC IN 3/4" C.
	FPB-101	2#12 & 1#12 EGC IN 3/4" C.
HDP-2		
	AHU-S-4	3#12 & 1#12 EGC IN 3/4" C.
	TAB-202	2#12 & 1#12 EGC IN 3/4" C.
HDP-3		
	AHU1E-CU-2	3#10 & 1#10 EGC IN 3/4" C.
	AHU-S-5	3#12 & 1#12 EGC IN 3/4" C.
	EF-2-1	3#12 & 1#12 EGC IN 3/4" C.
HDP-4		
	AHU-S-6	3#12 & 1#12 EGC IN 3/4" C.
	CRAC-1	3#10 & 1#10 EGC IN 3/4" C.
	CRAC-CU-1	
HDP-5		
	AHU-S-7	3#12 & 1#12 EGC IN 3/4" C.
	EF-3-6	3#10 & 1#10 EGC IN 3/4" C.
	HT-1	2#12 & 1#12 EGC IN 3/4" C.
HDP-6		
	AHU-S-8	3#12 & 1#12 EGC IN 3/4" C.
	TAB-602	2#12 & 1#12 EGC IN 3/4" C.
	TAB-605	3#12 & 1#12 EGC IN 3/4" C.
	TEF-1	3#12 & 1#12 EGC IN 3/4" C.
P1-1		
	TAB-211	3#12 & 1#12 EGC IN 3/4" C.
	TAB-215	3#12 & 1#12 EGC IN 3/4" C.
	TAB-217	3#12 & 1#12 EGC IN 3/4" C.
P1-1A		
	ECH-1	2#12 & 1#12 EGC IN 3/4" C.
	ECH-1	2#12 & 1#12 EGC IN 3/4" C.
	ECH-1	2#12 & 1#12 EGC IN 3/4" C.
	ECH-1	2#12 & 1#12 EGC IN 3/4" C.
PP1-2		
	TAB-219	2#12 & 1#12 EGC IN 3/4" C.
	TAB-2111	2#10 & 1#10 EGC IN 3/4" C.
	TAB-2115	2#12 & 1#12 EGC IN 3/4" C.
P1-2A		
	FPB-203	3#6 & 1#10 EGC IN 3/4" C.
	TAB-2117	3#12 & 1#12 EGC IN 3/4" C.
B-2		
	CH-2	(2) SETS OF 3#250 & 1#2 EGC IN 2 1/2"C
	CH-3	(2) SETS OF 3#250 & 1#2 EGC IN 2 1/2"C

		N	OTE: ALL DI	SCONNEC	TS (EXCE	PT MAN	JAL STARTERS)	SHAL	L BE HEAVY DU	JTY TYPE.	
DISCONNE	CT TVDE:			ACCES	SSORIES	& OPTIOI	JS				
FU - FUSED								EC *	DE DHASELO	SS PROTECTION (5 HP O	D CDEATED 3
NF - NON-F							•			THERMAL OVERLOADS (1	
CB - CIRCU		. D					RLOAD (3 PHASE			ELECTOR SWITCH IN DO	
CB - CIRCO	III DNEANE	-11			AND-OFF		•				
STARTER 1	TYPF:						GHT IN DOOR		,	FF) PILOT LIGHT IN DOOF TIBLE AUXILIARY CONTA	
FV - FULL V					•		AUXILIARY			L INTERLOCK (2)-N.O. & (
YD - WYE -							AL ASSEMBLY			OP PUSHBUTTON IN DOC	` '
RE - REVER				0/11 - 11	NOULATE	JINLOTTA	AL AGGLIVIDE I		HL - HANDLE PA)
TW - 2 SPE		NNG							TIE - HANDLE FA	NDEOOK HAOI	
SW - 2 SPE											
RV - REDU			VEMD								
SS - SOLID		AGE AUTO	DALINIK								
		-D									
MS - MANU	AL STARTE	- K									
TRANZ RAARIII	AL OVAUTOL										
MX - MANU		1									
FS - FUSED	SWITCH		DTED								
	SWITCH MBLED MO	TOR STA	RTER				1				
FS - FUSED	SWITCH MBLED MO	TOR STA	RTER		STAF	RTER		F	REQUIRED		
FS - FUSED	MBLED MO DISCO	TOR STA	RTER VOLTAGE	POLES	STAF NEMA SIZE	RTER	ENCLOSURE	ACC	REQUIRED SESSORIES & OPTIONS	COMMENT	тѕ
FS - FUSED AMS-ASSEI	MBLED MO DISCO	TOR STA NNECT RATING TRIP		POLES 3	NEMA		ENCLOSURE NEMA 1	ACC	ESSORIES &	COMMEN	тѕ
FS - FUSED AMS-ASSEI ITEM DS-AHU-S-3 DS-AHU-S-5	MBLED MO DISCOI TYPE & RATING	TOR STA NNECT RATING TRIP RATING 30 A 30 A	VOLTAGE 480 V 480 V	3	NEMA		NEMA 1 NEMA 1	ACC	ESSORIES &	COMMEN	тѕ
ITEM DS-AHU-S-3 DS-AHU-S-3 DS-P-S-3	DISCO TYPE & RATING 30 A 30 A	TOR STA NNECT RATING TRIP RATING 30 A 30 A	VOLTAGE 480 V 480 V 208 V	3 3 3	NEMA		NEMA 1 NEMA 1 NEMA 1	ACC	ESSORIES &	COMMENT	ΤS
ITEM DS-AHU-S-3 DS-AHU-S-3 DS-P-S-3 DS-P-S-4	DISCOLUTION AND ADDISCOLUTION	TOR STA NNECT RATING TRIP RATING 30 A 30 A 30 A	VOLTAGE 480 V 480 V 208 V 208 V	3 3 3 3	NEMA		NEMA 1 NEMA 1 NEMA 1 NEMA 1	ACC	ESSORIES &	COMMEN	тѕ
ITEM DS-AHU-S-3 DS-AHU-S-5 DS-P-S-3 DS-P-S-4 DS-P-S-5	DISCO TYPE & RATING 30 A 30 A 30 A 30 A 30 A	TOR STA NNECT RATING TRIP RATING 30 A 30 A 30 A 30 A	VOLTAGE 480 V 480 V 208 V 208 V 208 V	3 3 3 3	NEMA		NEMA 1 NEMA 1 NEMA 1 NEMA 1 NEMA 1	ACC	ESSORIES &	COMMEN	ΤS
ITEM DS-AHU-S-3 DS-P-S-3 DS-P-S-5 DS-P-S-6	DISCO TYPE & RATING 30 A 30 A 30 A 30 A 30 A	TOR STA NNECT RATING TRIP RATING 30 A 30 A 30 A 30 A 30 A	VOLTAGE 480 V 480 V 208 V 208 V 208 V 208 V	3 3 3 3 3 3	NEMA		NEMA 1 NEMA 1 NEMA 1 NEMA 1 NEMA 1 NEMA 1	ACC	ESSORIES &	COMMENT	ΓS
ITEM DS-AHU-S-3 DS-P-S-3 DS-P-S-5 DS-P-S-6 DS-P-S-7	RATING 30 A	TOR STA NNECT RATING TRIP RATING 30 A 30 A 30 A 30 A 30 A 30 A	VOLTAGE 480 V 480 V 208 V 208 V 208 V 208 V 208 V	3 3 3 3 3 3 3	NEMA		NEMA 1 NEMA 1 NEMA 1 NEMA 1 NEMA 1 NEMA 1 NEMA 1	ACC	ESSORIES &	COMMENT	ΤS
ITEM DS-AHU-S-3 DS-AHU-S-5 DS-P-S-4 DS-P-S-6 DS-P-S-7 DS-P-S-8	SWITCH MBLED MO	TOR STA NNECT RATING TRIP RATING 30 A	VOLTAGE 480 V 480 V 208 V 208 V 208 V 208 V 208 V 208 V	3 3 3 3 3 3 3 3	NEMA		NEMA 1	ACC	ESSORIES &	COMMEN	ΤS
ITEM DS-AHU-S-3 DS-AHU-S-5 DS-P-S-3 DS-P-S-6 DS-P-S-7 DS-P-S-8 DS-P-S-8 DS-S-S-8 DS-S-S-8 DS-S-S-8	SWITCH MBLED MO	TOR STA NNECT RATING TRIP RATING 30 A 30 A	VOLTAGE 480 V 480 V 208 V 208 V 208 V 208 V 208 V 208 V 480 V	3 3 3 3 3 3 3 3 3	NEMA		NEMA 1 NEMA 3R	ACC	ESSORIES &	COMMENT	ΓS
ITEM DS-AHU-S-3 DS-P-S-3 DS-P-S-5 DS-P-S-6 DS-P-S-7 DS-P-S-8 DS-P-S-8 DS-30R FDS-REF-3	RATING 30 A	TOR STA NNECT RATING TRIP RATING 30 A 30 A	VOLTAGE 480 V 480 V 208 V 208 V 208 V 208 V 208 V 480 V 480 V	3 3 3 3 3 3 3 3 3 3	NEMA		NEMA 1 NEMA 3R NEMA 1	ACC	ESSORIES &	COMMENT	ΓS
ITEM DS-AHU-S-3 DS-AHU-S-5 DS-P-S-3 DS-P-S-6 DS-P-S-7 DS-P-S-8 DS-P-S-8 DS-S-S-8 DS-S-S-8 DS-S-S-8	SWITCH MBLED MO	TOR STA NNECT RATING TRIP RATING 30 A 30 A	VOLTAGE 480 V 480 V 208 V 208 V 208 V 208 V 208 V 208 V 480 V	3 3 3 3 3 3 3 3 3	NEMA		NEMA 1 NEMA 3R	ACC	ESSORIES &	COMMEN	ΓS





- Central Hearing Facility oof and MEP Upgrades

Architect of Record: RADA ARCHITECTS LTD.

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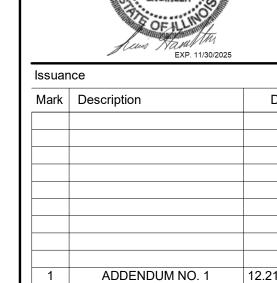
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0 1 2

REF. SCALE IN INCHES PROJECT #22001557.01 LERCH BATES Chicago, IL Elevator Consultant

IRCA Chicago, IL Roofing Consultant VERDE2 ENVIRONMENTAL





ISSUE FOR BID 11.29.23 PBC Project Name: CIP - Central Hearing Facility Roof and MEP Upgrades

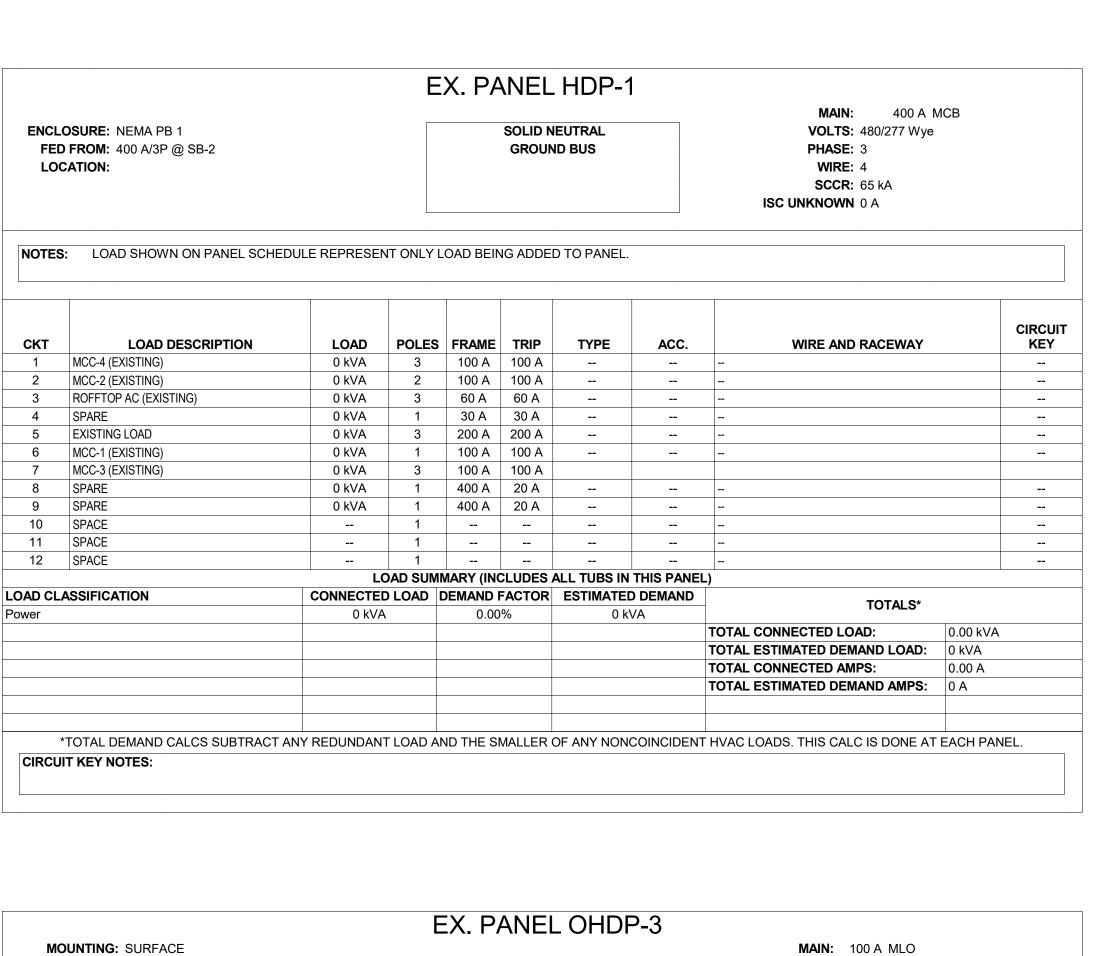
ISSUE FOR PERMIT

11.29.23

PBC Contract No: C1606 Project No.: 04044

ELECTRICAL SCHEDULES

E-500



0'-0" 8'-0" 16'-0"

<u>1/16" = 1'-0"</u>

.0'-0" .16'-0" .32'-0"

1/32" = 1'-0"

N	ENC FE	DUNTING: SURFACE ELOSURE: NEMA PB 1 ED FROM: 0 A/0P @ DCATION: S: LOAD SHOWN ON PANEL SCHE	EDULE R	EPRES	SENT	ONL	Y LOA	AD BEIN	GR	LID NEU	BUS	EL.			IS	P	MAIN: 100 A MLO OLTS: 480/277 Wye HASE: 3 WIRE: 4 SCCR: EXISTING NOWN 0.00 kA		
K E Y	CKT NO.	LOAD DESCRIPTION	OCP AMPS	D P F	WIR SIZ	E		A	ı	В	(C	SI	IRE IZE N H	P	OCPD AMPS	LOAD DESCRIF	CKT PTION NO.	
*N	1	AHU1E-CU-2	25 A	3 1			5.7	3.05						12	_	20 A		2	*N
	3	-							5.7	3.05								4	
-	5										5.7	3.05						6	
-	7	SPACE		1 -										- -	1		SPACE	8	
-	9	SPACE		1 -											1		SPACE	10	
-	11	SPACE		1 -								0		- -	1	20 A	SPARE	12	
-	13	SPARE	15 A	1 -			0	0							1	20 A	SPARE	14	
-	15	SPARE	15 A	1 -					0	0					1	20 A	SPARE	16	
	17	SPARE	15 A	1 -	.						0	0	E ·	E	3	50 A	EXISTING 30-TR-3 (EXISTING	G) 18	
	19	SPARE	15 A	1 -			0	0										20	
	21	SPARE	15 A	1 -					0	0								22	
۱*	23	AHU-S-5 (REPLACING EXISNTING AHU)	15 A	3 1	2	12					3.1	0			3	100 A	MAIN	24	
-	25			-			3.1	0										26	
	27								3.1	0								28	
				To	tal L	oad:	11.8	5 kVA	11.8	5 kVA	11.85	5 kVA							
				То	al Ar	nps:	42	2.79	42	.79	42	.79							
								1.0	OAD SI	UMMAF	.								
ΩΔ	ים כו	ASSIFICATION	CO	NNFC	FD I	ΩΔΓ	DEN	/IAND F				FD DF	ΜΔΝΓ						
VA		Action to Attorn			kVA			100.00		10		.1 kVA	1417-4142				TOTALS*		
ow				18.45				100.00				57 kV	\	тс	TAL	CONNE	CTED LOAD:	35.56 kVA	
																	ATED DEMAND LOAD:	35.557 kVA	
														_			CTED AMPS:	42.77 A	
																	ATED DEMAND AMPS:	42.8 A	
		*TOTAL DEMAND CALCS SUBTRACT																	

								Ε	X.	P	4NE	EL (DHC)P-6	3							
		OUNTING: SURFACE																		MAIN: 100 A MLO		
		CLOSURE: NEMA PB 1											UTRAL							OLTS: 480/277 Wye		
		ED FROM: 0 A/0P @ OCATION:									GR	KOUNI	BUS							HASE: 3 WIRE: 4		
	_	OGATION.																		SCCR: EXISTING		
																		IS		NOWN 0.00 kA		
N	OTE	S: LOAD SHOWN ON PANEL SCH	EDULE R	EPF	RESI	ENT	ON	LY L	OAD	BEII	NG AD	DED	ΓΟ PAN	EL.								
K E Y	CKT NO.		OCP AMPS			WIR SIZ N			A			В		3		WIF SIZ N			OCPD AMPS	LOAD DESCRIF		KT IO.
	1									4					12		2 12			TAB-602		2
	3											4.05			12		12	3	20 A	AHU-S-8		4
	5													4.05							(6
N*	7	TAB-605 (REPLACING EXISNTING AHU)	15 A	3	12	12	12	1.6	67 4	1.05												8
	9										1.67	0.94			12			3	15 A	TEF-1		10
	11												1.67	0.94								12
		SPARE	30 A	3				0	0).94										 		14
	15										0	0		0				1	20 A	SPARE		16
	17		15 A	1	-			0					0	0	Е			3	50 A	EXISTING 30-TR-6 (EXISTING		18 20
	21	SPARE SPARE	15 A	1				- 0		0	0	0										20 22
	23	TRANSFORMER #2	30 A	3							0	- 0	0	0				3	100 A	ΜΔΙΝΙ		24
	25							0		0			0	U								26
	27			 				+ -			0	0			-			-				28
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ow	ver			23	.965	kV	4		1	00.0	0%		23.9	65 kV	4					TOTALS*		
																				ECTED LOAD:	23.96 kVA	
																	_			ATED DEMAND LOAD:	23.965 kVA	
																				ECTED AMPS:	28.83 A	
																	TO	ΤΔΙ	FSTIM	ATED DEMAND AMPS:	28.8 A	

	ENC FE	DUNTING: SURFACE LOSURE: NEMA PB 1 ED FROM: 0 A/0P @ DCATION: S: LOAD SHOWN ON PANEL S	CHEDI		RED	RES	FNT				SOL	D NE	OHD SUTRAL BUS					ISC	C UN	VOLTS PHASE WIRE SCCE				
K	CKT NO.	LOAD DESCRIPTION	OCI AMPS	PD		WIR SIZI N	E	VD %		A	E		С		VD %		WIRI SIZE N			OCPD AMPS	LOAD DESCR	RIPTION	CKT NO.	I E
	1	SPACE		1															1		SPACE		2	-
	3	SPACE		1															1		SPACE		4	-
	5	SPACE		1															1		SPACE		6	-
	7	SPACE		1															1		SPACE		8	-
	9	SPACE		1															1		SPACE		10	-
	11	SPACE		1										0					1	15 A	SPARE		12	-
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'N	19	AHU-S-3 (REPLCNG EXISNTING AHU)	15 A	3	12		12	0.36	3.1	0													20	-
	21										3.1	0											22	-
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	27	SPARE	20 A	1							0	0											28	-
						Т	otal	Load:	3.10) kVA	3.10	kVA	3.93 I	κVA										
						To	tal A	mps:	11	1.21	11.	21	14.2	20										
										L	OAD SL	JMM∆	RY											
_OA	D CL	ASSIFICATION		C	ONN	ECT	ED L	.OAD	DEN		FACTO		STIMAT	ED D	EMAN	ID					TOTALS*			
Mot							kVA			100.0				3 kV										
ow	er				9	.312	kVA			100.0	00%		9.3	12 kV	/A						D LOAD:	10.14 kVA		
																	TOT	AL E	STI	MATED	DEMAND LOAD:	10.142 kVA		
																	TOT	'AL (ONI	NECTE	D AMPS:	12.20 A		

<u>1/2" = 1'-0"</u>

<u>1" = 1'-0"</u>

<u>1-1/2" = 1'-0"</u>

4'-0" 0'-0" 2'-0" 4'-0"

1/4" = 1'-0"

MOUNTING: SURFACE

ENCLOSURE: NEMA PB 1

FED FROM: 0 A/0P @

16'-0"

<u>1/8" = 1'-0"</u>

SURFACE NEMA PB 1 0 A/0P @ SHOWN ON PANEL SCHE DAD DESCRIPTION	OCP AMPS 20 A 		РН	WIF	RE	LYLO	AD BEII	GRO	OUND	UTRAL BUS	L.				IS	V P	MAIN: 100 A MLO OLTS: 480/277 Wye HASE: 3 WIRE: 4 SCCR: EXISTING NOWN 0.00 kA		
	OCP AMPS 20 A	D P	РН	WIF	RE	LY LO	AD BEII	NG ADD	ED T	O PANE	L.								
DAD DESCRIPTION	20 A	3	РН	SIZ															
		1	40	Ŋ	G		A	В		С		;	MIRE SIZE N			CPD AMPS		TE #3 ONLY_ PTION	CKT NO.
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		1	_					4.15	0						1	20 A	SPARE		4
				T	-					4.15	0				1	20 A	SPARE		6
	I	1		T	-										1		SPACE		8
	15 A	1		T	-			0	0						1	15 A	EXISTING LOAD		10
	15 A	1		T	-					0	0				1	15 A	EXISTING LOAD		12
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EPLACING EXISNTING AHU)	15 A	3	12		- 12					3.1	0	Е		Е	3	50 A	EXISTING 30-TR-4 (EXISTING	3)	18
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			·		-			3.1	0										22
	100 A	3			-					0	0				3	100 A	MAIN		24
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			To	tal L	_oad	7.8	31 kVA	7.25 l	⟨VΑ	7.25	κVA								
			Tot	al A	mps	: 2	8.19	26.7	19	26.	19								
							L	OAD SU	MMA	RY									
TION	CO	NNI	ECT	ED	LOA	D DE	MAND F	ACTOR	ES	STIMATE	D DE	MAN	1D				TOTAL 0*		
		22	2.316	kV.	Ά		100.0	0%		22.3	16 kV <i>A</i>	١					IOIALS*		
														TO	ΓAL	CONNE	CTED LOAD:	22.32 kVA	
														TO	ΓAL	ESTIM	ATED DEMAND LOAD:	22.316 kVA	
														TO	ΓAL	CONNE	ECTED AMPS:	26.84 A	
														TO	ΓAL	ESTIM	ATED DEMAND AMPS:	26.8 A	
	ION MAND CALCS SUBTRACT	ION CO	ION CONN 22 MAND CALCS SUBTRACT ANY REDU		-	-	3.1 3.1 100 A 3 0 0 0 Total Load: 7.8 Total Amps: 2 ION	3.1 0 3.1 0 100 A 3 0 0 0 0 0 0 10 Total Load: 7.81 kVA Total Amps: 28.19 CONNECTED LOAD DEMAND F 22.316 kVA 100.0 MAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SI	3.1 0 3.1 100 A 3 0 0	3.1 0	3.1 0			3.1 0	3.1 0	3.1 0	3.1 0	3.1 0	3.1 0

EX. PANEL H-2-1

SOLID NEUTRAL

GROUND BUS

MAIN: 100 A MCB

VOLTS: 480/277 Wye

PHASE: 3

•	NOTES: LOAD SHOWN ON PAN	EL SCHEDU	JLE F	REPF	RESE	NT (ONLY	LOAD) BEIN	G ADD	ED TC	PANE	L.								
K E Y	CKT NO. LOAD DESCRIPTION	OCF AMPS			WIRE SIZE N		VD %		A	ı	В	C	;	VD %	WI SI	ZE	P	CPD AMPS	LOAD DESCI		
	1 FPB-202	15 A	3	12	12	12	0.41	1.9	1.9					1.03	12 1	2 12	2 3	15 A	FPB-201		Γ
	3									1.9	1.9										ſ
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	39																				
	41																				
				•	To	otal I	Load:	3.8	1 kVA	3.81	kVA	3.81	kVA			•		•	•		
					To	tal A	mps:	13	3.75	13	.75	13.	75		,						
						-			1.0	DAD SI	IMMA	PV									
LO	AD CLASSIFICATION		C	ONN	ECTI	ED L	OAD	DEN				STIMAT	ED D	EMAN	ID						_
Mot					.715				100.0				15 kV						TOTALS*		
Pov	wer			5	.715	kVA			100.0	0%		5.7	15 kV	Ά	TC	TAL	CON	NECTE	D LOAD:	11.43 kVA	
															TC	TAL	ESTI	MATED	DEMAND LOAD:	11.429 kVA	_
			\top												TC	TAL	CON	NECTE	D AMPS:	13.75 A	_
			+					-			-								DEMAND AMPS:	13.7 A	_

									EX.	. P/	ANE	EL C	OHC	P-	2								
	MC	DUNTING: SURFACE															_			MAIN	I: 100 A MLO		
	ENC	LOSURE: NEMA PB 1											JTRAL								3: 480/277 Wye		
		ED FROM: 0 A/0P @									GR	OUND	BUS							PHASE			
	LC	OCATION:																		WIRE			
																					: EXISTING		
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N.	OTES	: LOAD SHOWN ON PANEL S	CHEDI		DEDI	DEGI	ENIT	ONI V	1 0 4 5	DEIN	NC ADI	DED T	O DANI	=1									\neg
IN	OIES	5. LOAD SHOWN ON PANEL S	СПЕВС	JLE I	KEPI	(ESI	⊏IN I	ONLI	LUAL) DEII	NG ADI	יו עםע	O PAINI	EL.									
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K					١,	NIRE	=									v	VIRE						K
	СКТ		OCF	D		SIZE		VD	4	١.	E	3	С		VD		SIZE			CPD		СКТ	
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		SPACE		1															1		SPACE	6	
	7	SPACE		1															1		SPACE	8	
		SPACE		1															1		SPACE	10	
		SPACE		1															1		SPACE	12	
		SPARE	15 A	1					0										1		SPACE	14	
		SPARE	15 A	1							0								1		SPACE	16	
		SPARE	15 A	1									0	0		E		Е	3	50 A	30-TR-2 (EXISTING)	18	
	19	SPARE	15 A	1					0	0												20	
 	19			4	12	12	12	0.18			0.6	0										22	
		TAB-202	15 A	1	12																		
	21	TAB-202 AHU-S-4 (REPLCNG EXISNTING AHU)		3	12			0.28					3.1	0					3	100 A	MAIN	24	
	21							0.28	3.1	0	3.1		3.1	0			 		3	100 A 	MAIN 	24 26 28	

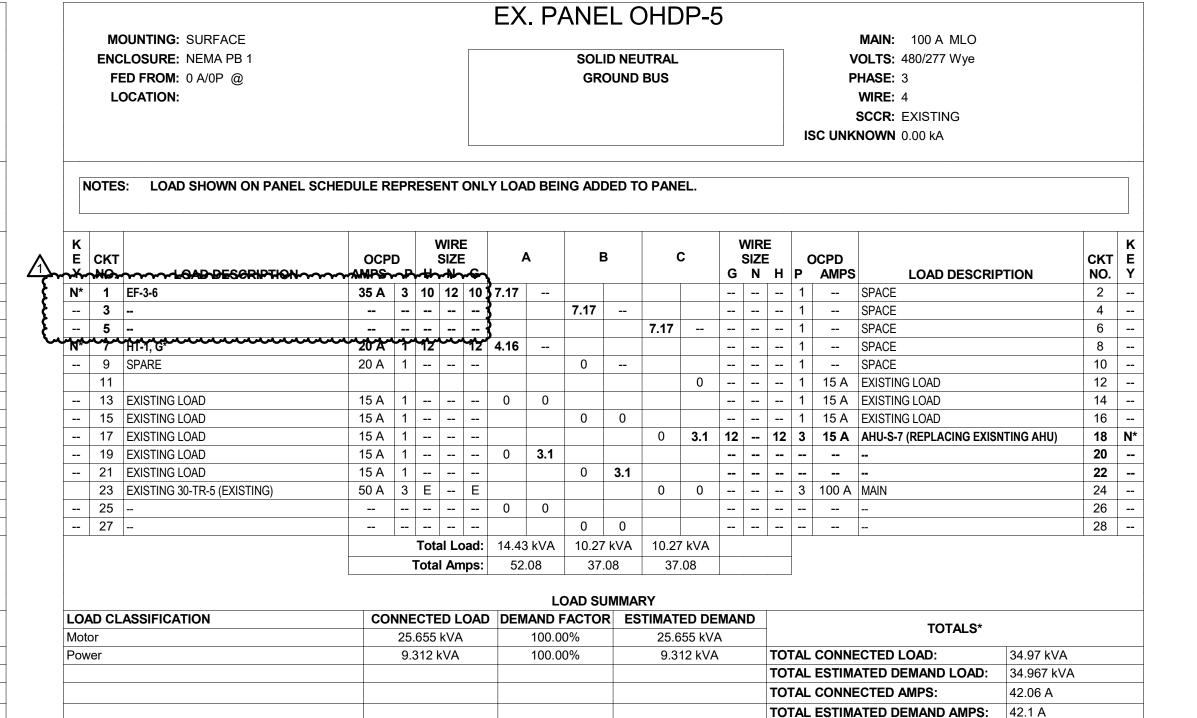
<u>3" = 1'-0"</u>

<u>6" = 1'-0"</u>

8 --10 --12 --14 --

16 --18 20 --22 --24 --26 --

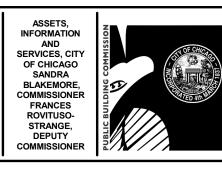
		LOAD SUN	IMARY		
LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
Power	9.912 kVA	100.00%	9.912 kVA	TOTALS	
				TOTAL CONNECTED LOAD:	9.91 kVA
				TOTAL ESTIMATED DEMAND LOAD:	9.912 kVA
				TOTAL CONNECTED AMPS:	11.92 A
				TOTAL ESTIMATED DEMAND AMPS:	11.9 A



*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL

CIRCUIT KEY NOTES: N* = NEW BREAKER, G* = PROVIDE GFCI BREAKER





acility Central Hearing I

RADA ARCHITECTS LTD. ARCHITECTS ILLINOIS CENTER | 233 N Michigan Avenue Ste 1900 | Chicago, IL 60601 | 312 856 1970 www.rada-arch.com | WBE | DBE

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Architect of Record:

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ADDRESS: 233 N. MICHIGAN AVE. CHICAGO, ILLINOIS 60601 PHONE: 312.856.1970 312.856.1978 WWW.RADA-ARCH.COM

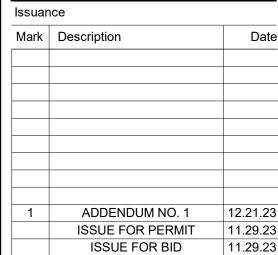
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Chicago, IL **Elevator Consultant** IRCA Chicago, IL Roofing Consultant **VERDE2 ENVIRONMENTAL** SOLUTIONS Chicago, IL

LERCH BATES





PBC Project Name: CIP - Central Hearing **Facility Roof and MEP Upgrades**

PBC Contract No: C1606 Project No.: 04044

ELECTRICAL SCHEDULES

1/8" = 1'-0"

1/4" = 1'-0"

1/32" = 1'-0"

1/16" = 1'-0"

BUILDING PERMIT

 $\sqrt{32'\cdot0''} \sqrt{0'\cdot0''} \sqrt{16'\cdot0''} \sqrt{32'\cdot0''} \sqrt{64'\cdot0''} \sqrt{1'\cdot0''} \sqrt{2'\cdot0''} \sqrt{1'\cdot0''} \sqrt{2'\cdot0''} \sqrt{1'\cdot0''} \sqrt{2'\cdot0''} \sqrt{1'\cdot0''} \sqrt{1'\cdot0''} \sqrt{2'\cdot0''} \sqrt{1'\cdot0''} \sqrt{1'\cdot0''}$

1/2" = 1'-0"

- CONTRACTOR MUST OBTAIN ALL REQUIRED PERMITS AS NECESSARY TO PERFORM THE WORK. - BUILDING PERMIT DOCUMENTATION ARE UNDER REVIEW BY THE DEPARTMENT OF BUILDINGS. THE BUILDING PERMIT IS #101038941. - GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING THE APPLICABLE INFORMATION BELOW WITHIN TWO (2) WEEKS OF NOTICE OF AWARD ("NOA"), FOR PERMIT APPROVAL. BUILDING PERMIT IS ANTICIPATED BY MARCH 29, 2023.

1" = 1'-0"

REQUIREMENTS WITHIN TWO WEEKS OF NOTICE OF

1. GENERAL CONTRACTOR'S LETTER: -WRITTEN ON GC LETTERHEAD. -GC'S WRITTEN CONFIRMATION OF CONTRACT AWARD (INCLUDE COPY OF "NOA"). INCLUDE GC'S LICENSE NUMBER, WITH EXPIRATION

- INCLUDE CURRENT COPY OF GC'S INSURANCE CERTIFICATE. 2. HVAC LETTER

-WRITTEN ON HVAC LETTERHEAD.

-HVAC'S WRITTEN CONFIRMATION OF CONTRACT AWARD (INCLUDE COPY OF "NOA"). - INCLUDE HVAC'S LICENSE NUMBER, WITH EXPIRATION DATE. ALSO, ATTACH A COPY OF HVAC'S "1010" BUSINESS LICENSE. THE 1010 BUSINESS LICENSE ALLOWS THE HVAC CONTRACTOR TO PERFORM

COMMERCIAL WORK - INCLUDE CURRENT COPY OF SUBCONTRACTOR'S INSURANCE CERTIFICATE.

3. ELECTRICAL LETTER: -WRITTEN ON ELECTRICAL LETTERHEAD. -ELECTRICAL'S WRITTEN CONFIRMATION OF CONTRACT AWARD (INCLUDE COPY OF "NOA").

- INCLUDE ELECTRICAL'S LICENSE NUMBER, WITH EXPIRATION DATE. - INCLUDE CURRENT COPY OF SUBCONTRACTOR'S

INSURANCE CERTIFICATE. 4. PLUMBING LETTER:

-WRITTEN ON PLUMBING LETTERHEAD. - PLUMBING'S WRITTEN CONFIRMATION OF CONTRACT AWARD (INCLUDE COPY OF "NOA"). - INCLUDE PLUMBING'S LICENSE NUMBER, WITH

EXPIRATION DATE. - INCLUDE CURRENT COPY OF SUBCONTRACTOR'S INSURANCE CERTIFICATE. 5. ROOFING LETTER:

(2) WEEKS OF NOTICE OF AWARD.

-WRITTEN ON ROOFING LETTERHEAD. - ROOFING'S WRITTEN CONFIRMATION OF CONTRACT AWARD (INCLUDE COPY OF "NOA"). - INCLUDE ROOFING'S LICENSE NUMBER, WITH

EXPIRATION DATE. - INCLUDE CURRENT COPY OF SUBCONTRACTOR'S INSURANCE CERTIFICATE **MILESTONE 1:** PRE-CONSTRUCTION, INCLUDING PERMITTING, CONSTRUCTION SUBMITTALS, MATERIAL AND EQUIPMENT PROCUREMENT, SCHEDULE PREPARATION,

MOBILIZATION, ETC.: COMPLETION 3/29/2024. - CONTRACTOR SHALL ASSUME BUILDING PERMIT APPROVAL BY MARCH 29, 2024. - PROVIDE CRITICAL SUBMITTALS FOR THE NEW CHILLERS, AHUS, AND VFDs FOR THE AOR'S REVIEW WITHIN THE TWO

SUBSTANTIAL COMPLETION: ALL WORK, AS SPECIFIED ON THE CONTRACT DOCUMENTS: COMPLETION 12/31/2024. - PROVIDE TEMPORARY HEATING/COOLING AS NEEDED THROUGH DECEMBER 31, 2024. THE CONTRACTOR TO

PROVIDE A MINIMUM OF 2 MONTH NOTICE PRIOR TO ANY

MEP SHUTDOWN TO PERFORM THE WORK. - WORK TO INCLUDE, BUT NOT NECESSARILY LIMITED TO: 1. HVAC SYSTEM UPGRADE. 2. FIRE ESCAPE REMEDIATION WORK TO MEET CODE. 3. ELEVATOR RENOVATIONS TO MEET CODE. 4. ROOF REPLACEMENT 5. BAS REPLACEMENT

GENERAL NOTES:

1. THE PROPOSED LOGISTICS, PHASING, AND SITE UTILIZATION PLAN ('PLAN') IS INTENDED TO ADVISE BIDDERS REGARDING PROJECT PRIORITIES, ANY CONSTRAINTS, MOBILIZATIONS, OVERALL DURATIONS DELIVERY, ETC. BIDDERS SHALL BE RESPONSIBLE FOR PROPERLY COORDINATING AND EXECUTING ALL WORK, IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. UPON CONTRACT AWARD, CONTRACTOR SHALL PREPARE AND SUBMIT ITS PROPOSED PLAN AND NARRATIVE WITHIN TWO (2) WEEKS OF NOTICE OF AWARD, FOR REVIEW AND

APPROVAL 2. BUILDING PERMIT APPROVAL IS ANTICIPATED ON MARCH 29, 2024 (BUILDING PERMIT #101038941). 3. THE BUILDING WILL BE OCCUPIED DURING

CONSTRUCTION. 5. CONTRACTOR SHALL NOT IMPACT THE FACILITY'S

OPERATIONS AT ANY TIME. 6. CONTRACTOR SHALL SUBMIT PROJECT SPECIFIC

QUALITY AND SAFETY PLANS WITHIN THIRTY (30) DAYS OF CONTRACT AWARD (NOA), FOR REVIEW AND RECORD. 7. CONTRACTOR IS RESPONSIBLE FOR ALL MEANS, METHODS, TECHNIQUES, AND SEQUENCES FOR IMPLEMENTATION OF THE WORK WITHIN AREAS DESIGNATED. THIS INCLUDES BUT NOT LIMITED TO, THE DETERMINATION OF THE NEED FOR (AND DESIGN OF)ANY AND ALL SHORING AND BRACING, UNDERPINNING, DEWATERING, SOIL STABILIZATION, SETTLEMENT MONITORING, TEMPORARY FACILITIES, PERMITS, ETC. 8. WHERE PROPERTY, STRUCTURES, OR PUBLIC WAY ARE DISTURBED AND/OR DAMAGED AS A RESULT OF THE CONTRACTORS MEANS AND METHODS, TECHNIQUES, OR TEMPORARY FACILITIES, THE CONTRACTOR IS RESPONSIBLE FOR RESTORATION OF ALL ASPECTS OF THE BUILDING, SITE, AND PUBLIC WAY TO ORIGINAL CONDITION TO THE SATISFACTION OF THE AUTHORIZED COMMISSION REPRESENTATIVE AND USER AGENCY (AIS). 9. CONTRACTOR SHALL COORDINATE AND MAINTAIN UTILITY SERVICES INCLUDING, BUT NOT LIMITED TO, HEAT, ELECTRIC POWER, AND WATER SERVICES DURING ALL

PHASES OF CONSTRUCTION THROUGHOUT THE ENTIRE

BUILDING. 10. EXISTING COOLING AND HEATING SYSTEM: MAINTAIN EXISTING SYSTEM IN SERVICE UNTIL NEW SYSTEM IS COMPLETE AND READY FOR SERVICE. DRAIN SYSTEM ONLY TO MAKE SWITCHOVERS AND CONNECTIONS. OBTAIN PERMISSION FROM THE OWNER AT LEAST 2 MONTHS BEFORE PARTIALLY OR COMPLETELY DRAINING SYSTEM. MINIMIZE OUTAGE DURATION. OUTAGE TO COOLING OR HEATING SYSTEMS SHALL BE LIMITED TO OFF HOURS, DURING TIMES WHEN THE SYSTEM IS ACTIVE WITH PROPER SCHEDULING, COOLING CAN BE TAKEN OUT OF SERVICE WHEN OUTSIDE AIR TEMPERATURES ARE BELOW 55°F AND HEATING CAN BE TAKE OUT OF SERVICE WHEN OUTSIDE AIR TEMPERATURES ARE ABOVE 50°F. REFER TO SPECIFICATION 23 05 05 HVAC DEMOLITION FOR REMODELING FOR ADDITIONAL INFORMATION. 11. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY FACILITIES, SITE FENCING, GATES, ETC. NECESSARY FOR EXECUTION OF THE WORK. 12. ALL EXITS SERVING THE EXISTING BUILDING AND SAFE

PASSAGE TO THE PUBLIC WAY SHALL REMAIN CLEAR AND UNOBSTRUCTED. 13. CONTRACTOR TO PROVIDE PROTECTED ACCESS AND TEMPORARY FENCING AS REQUIRED. 14. CONTRACTOR SHALL COMPLY WITH THE CITY'S SITE

CLEANLINESS ORDER. 15. TEMPORARY POWER IS NOT AVAILABLE, CONTRACTOR SHALL PROVIDE THEIR OWN FOR CONSTRUCTION. 16. TELECOMMUNICATION SERVICES WILL NOT BE PROVIDED, CONTRACTOR SHALL PROVIDE SERVICE FOR THEMSELVES AND PBC. 17. A FIELD OFFICE FOR THE CONTRACTOR, COMMISSION

REPRESENTATIVE, AND ARCHITECT OF RECORD ARE AVAILABLE AT THE CENTRAL BUILDING FACILITY (BASEMENT). THE DESIGNED OFFICE WILL BE AVAILABLE THROUGHOUT THE PROJECT DURATION. CONTRACTORS SHALL BE RESPONSIBLE FOR PROPER MAINTENANCE AND ANY REQUIRED OFFICE EQUIPMENT, IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. 18. CONTRACTOR SHALL MAINTAIN THE COMMISSION

REPRESENTATIVE'S AND ARCHITECT OF RECORD FIELD OFFICE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ITS ON SITE FIELD OFFICES, AS NOTED ON THE PHASE AND LOGISTIC PLAN 3. 19. ALL WORKERS MUST ENTER AND EXIT THROUGH THE

740 N. SEDGWICK ENTRY. THE BUILDING ENGINEER WILL PROVIDE ACCESS. 20. DAILY SIGN-IN IS REQUIRED. CONTRACTOR TO PROVIDE A COPY OF THE SIGN-IN SHEET TO SECURITY. 21. ALL WORKERS TO WEAR PERSONAL, PROTECTIVE EQUIPMENT AT ALL TIMES. 22. TRUCK CRANES AND SIMILAR DEVICES ARE

CONSIDERED "TOOLS AND EQUIPMENT" NOT TEMPORARY FACILITIES, AND NOT PROVIDED BY AIS OR TRANSWESTERN. 23. THROUGHOUT CONSTRUCTION, MAINTAIN EXISTING EGRESS ROUTES FOR BUILDING OCCUPANTS AT 740

N.SEDGWICK AVE. AND 400 W. SUPERIOR ST.

ARE IDENTIFIED AND MAINTAINED. 25. ACCESS SHALL BE GRANTED TO BUILDING'S GARBAGE REMOVAL THROUGHOUT CONSTRUCTION. 26. SMALL TO MEDIUM SIZE EQUIPMENT SHALL BE BROUGHT IN THROUGH THE LOADING DOCK. BIG SIZE EQUIPMENT FOR THE ROOF TO BE BROUGHT UP VIA A

24. CONTRACTOR SHALL ENSURE EMERGENCY ROUTES

27. PARKING WILL NOT BE PROVIDED. PUBLIC PAY PARKING IS AVAILABLE ON SUPERIOR STREET, HUDSON AVENUE, SEDGWICK AVENUE, AND ADJACENT STREETS.

1-1/2" = 1'-0"

28. ALL WORKERS MAY USE THE STAIR OR THE FREIGHT ELEVATOR FOR ACCESS TO THE BASEMENT, 1ST AND 2ND FLOORS. WORKERS TO USE THE STAIRS AND PASSENGER ELEVATORS ALLOWED FOR ACCESS TO THE 3RD-6TH FLOORS (CONSTRUCTION MATERIAL AND EQUIPMENT WILL NOT BE PERMITTED IN PASSENGER ELEVATOR). WORKERS WILL NOT BE ALLOWED TO USE THE PASSENGER ELEVATORS DURING THE MORNING RUSH HOURS (8AM-9:30 AM) AND AFTERNOON RUSH HOURS (4PM-4:30 PM).

<u>6" = 1'-0"</u>

3" = 1'-0"

29. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMP FACILITIES INCLUDING AND NOT LIMITED TO RESTROOMS, HAND WASHING STATIONS, ETC.

30. PRIOR WRITTEN APPROVAL IS REQUIRED FOR ACCESS TO THE INSPECTOR GENERAL'S OFFICE (OIG). CONTRACTOR SHALL SUBMIT IDENTIFICATION OF ALL TRADES THAT MAY REQUIRE ACCESSTO THE OIG OFFICE TWO (2) WEEKS IN ADVANCE OF ANY PLANNED WORK, FOR

APPROVAL 31. PROJECT TO BE SUBSTANTIALLY COMPLETED ON 12/31/2024.

ASSETS, INFORMATION AND SERVICES, CITY OF CHICAGO SANDRA BLAKEMORE, FRANCES
ROVITUSOSTRANGE,
DEPUTY **O** C 0

50 **C Q**

Architect of Record: RADA ARCHITECTS LTD.



ADDRESS: 233 N. MICHIGAN AVE. CHICAGO, ILLINOIS 60601 312.856.1970 FAX: 312.856.1978 WWW.RADA-ARCH.COM

IMEG Chicago, IL Structural Engineers of Record

Chicago, IL MEPFP Engineers of Record

LERCH BATES Chicago, IL Elevator Consultant

Chicago, IL **Roofing Consultant**

VERDE2 ENVIRONMENTAL SOLUTIONS Chicago, IL **Environmental Consultant**

Issuance			
Mark	Description	Da	
1	ADDENDUM NO. 1	12.21.2	

PBC Project Name: CIP - Central Hearing Facility Roof and MEP Upgrades

PBC Contract No: C1606 Project No.: 04044

PHASING & LOGISTICS

0'-0" 4'-0" 8'-0"

Structural Engineers of Record

LERCH BATES Chicago, IL **Elevator Consultant**

Chicago, IL **Roofing Consultant**

- SECOND FLOOR WEST - EVERY AREA SHOWN ON SECOND

- SECOND FLOOR EAST - STORAGE W228, W266

- SECOND FLOOR EAST - ELECTRICAL W202 - SECOND FLOOR EAST - I.D.F W225

- SECOND FLOOR EAST - BREAKROOM E225

WORK RESTRICTIONS:

HOLIDAYS.

OPERATIONS.

 BASEMENT - USED BY AIS AND TRANSWESTERN ONLY. HOURS OF OPERATION: 7AM-6PM. 2. 1ST FLOOR EAST - 740 N. SEDGWICK LOBBY, DOCK. ENTRY/EXIT FOR STAFF, BREAKROOM, CONFERENCE ROOMS. HOURS OF OPERATION: 7AM-6PM. 1ST FLOOR WEST - COURTROOMS AND REVENUE. HOURS OF OPERATION: M-F 8:30AM-4:30PM AND SAT

CENTRAL HEARING FACILITY DIRECTORY AND HOURS

OF OPERATION:

4. 2ND FLOOR WEST - OFFICE OF INSPECTOR GENERAL (OIG). HOURS OF OPERATION: 7AM-6PM. 4. 2ND FLOOR EAST - DEPT. OF ADMINISTRATIVE HEARINGS (DIVISION OFFICES). HOURS OF OPERATION:

M-F 7AM-6PM. 5. 3RD FLOOR - LAW OFFICES FOR OIG CITY COLLEGES OF CHICAGO, OIG CHICAGO PARK DISTRICT, AND DEPT. OF BUILDINGS. HOURS OF OPERATION: M-F 7AM-6PM. 6. 4TH FLOOR - COMMISSION ON HUMAN RELATIONS. HOURS OF OPERATION: M-F 7AM-6PM. 7. 5TH FLOOR - BOARD OF ETHICS. HOURS OF

OPERATION: M-F 7AM-6PM. 8. 6TH FLOOR - DEPT. OF ADMINISTRATIVE HEARINGS (ADMINISTRATIVE OFFICES). HOURS OF OPERATION: M-F

CHANGE CHANGE

AND 80 DEGREES FAHRENHEIT. AREAS OF WORK LISTED BELOW DO NOT HAVE ANY WORKING DAYS/HOURS RESTRICTIONS. CONTRACTOR SHALL PROVIDE ITS EXECUTION PLAN FOR REVIEW AND COORDINATION PRIOR

TO ANY COMMENCEMENT OF THE WORK: - FIRST FLOOR WEST - MECHANICAL ROOM - FIRST FLOOR WEST - HEARING ROOMS AND INTERNAL CONFERENCE ROOMS.

- FIRST FLOOR WEST - OFFICE W117 - FIRST FLOOR EAST - STORAGE E118 - FIRST FLOOR EAST - VESTIBULES E122, E127, E128

1. WORK PERFORMED DURING REGULAR BUSINESS

HOURS WILL BE PERMITTED WITH NOISE RESTRICTIONS.

2. ALL WALL DEMOLITION FOR THE MECHANICAL ROOMS

E120, E219, E323, E420, E516, E617 IS TO BE PERFORMED

3. WORK IN OFFICE AREAS PERMITTED DURING REGULAR

FLOOR IS TO BE PERFORMED IN TWO PHASES: PHASE 1 -

BUSINESS HOURS ON THE 2ND FLOOR WEST AND 6TH

OPEN OFFICE AREAS, PHASE 2 - PRIVATE OFFICES.

CONTRACTOR TO NOT IMPACT THE FACILITY'S DAILY

4. CONTRACTOR TO PROTECT FURNITURE AND FILES IN

DELIVER MINIMUM OF 0.6 CFM/SF TO OCCUPIED OFFICE

DEGREES FAHRENHEIT(PER SECTION 1203 OF THE CBC)

5. DURING THE TIME THAT THE AHU UNIT ON THE 1ST

FLOOR, 2ND FLOOR, 3RD FLOOR, 4TH FLOOR, 5TH

CONTRACTOR SHALL PROVIDE TEMPORARY HVAC

EQUIPMENT, DUCTING, POWER AS REQUIRED TO

SPACE WITH 0.2 CFM/SF OUTDOOR AIR. SPACE TEMPERATURE TO BE MAINTAINED BETWEEN 68

FLOOR, AND 6TH FLOOR IS OUT OF SERVICE.

AREAS WILL BE OCCUPIED DURING THIS WORK.

OFFICE AREAS FROM ANY DEBRIS.

AFTER REGULAR BUSINESS HOURS, WEEKENDS, OR

- FIRST FLOOR EAST - CORRIDORS E121, E123, E126, E129, E130. - FIRST FLOOR EAST - TELE. E131 - FIRST FLOOR EAST - FREIGHT ELEVATOR - FIRST FLOOR EAST - OFFICES E114, E115, E116

- FIRST FLOOR EAST - BREAK ROOM E113 - FIRST FLOOR EAST - RESTROOMS E111, E112 - FIRST FLOOR EAST - IDF E110

- FIRST FLOOR EAST - MECHANICAL ROOM E120 - FIRST FLOOR EAST - ELECTRICAL ROOM E119

AREAS OF WORK LISTED BELOW TO BE PERFORMED AFTER REGULAR BUSINESS HOURS (M-F 6PM-6AM, SAT 4PM-6AM, SUN HAS NO RESTRICTIONS). CONTRACTOR SHALL PROVIDE ITS **EXECUTION PLAN FOR REVIEW AND COORDINATION PRIOR TO**

ANY COMMENCEMENT OF THE WORK: - FIRST FLOOR WEST - CORRIDORS W136, W137, W138. - FIRST FLOOR WEST - SECURITY W133B

- FIRST FLOOR WEST - REVENUE OFFICE W131 - FIRST FLOOR WEST - RESTROOMS W121, W122, W124, W125 - FIRST FLOOR WEST - JANITOR'S CLOSET W123

- FIRST FLOOR WEST - BREAK ROOM W120 - FIRST FLOOR EAST - OPEN OFFICE E102 - FIRST FLOOR EAST - OFFICES E103, E104, E105, E106, E107, E108 - FIRST FLOOR EAST - CONFERENCE ROOM E109

- FIRST FLOOR EAST - CLOSET E102A - FIRST FLOOR EAST - CORRIDOR E124

- FIRST FLOOR EAST - LOBBY E101 AND E101A - FIRST FLOOR EAST - VESTIBULE E125

AREAS OF WORK LISTED BELOW TO BE PERFORMED DURING REGULAR BUSINESS HOURS (M-F 6AM-8AM) AND ALSO AFTER REGULAR BUSINESS HOURS (SAT-SUN HAVE NO RESTRICTIONS). CONTRACTOR SHALL PROVIDE ITS EXECUTION PLAN FOR REVIEW AND COORDINATION PRIOR TO ANY COMMENCEMENT OF THE WORK: - FIRST FLOOR WEST - CORRIDORS W139, W140, W140A, W141, W141A.

AREAS OF WORK LISTED BELOW DO NOT HAVE ANY WORKING DAYS/HOURS RESTRICTIONS. CONTRACTOR SHALL PROVIDE ITS **EXECUTION PLAN FOR REVIEW AND COORDINATION PRIOR TO ANY** COMMENCEMENT OF THE WORK:

- SECOND FLOOR EAST - OPEN OFFICES E204, E214, E221, E226, E229 SECOND FLOOR EAST - OFFICES E206, E207, E208, E209, E210, E211, E212, E215, E216, E222, E227, E228

- SECOND FLOOR EAST - CONFERENCE ROOM E205 - SECOND FLOOR EAST - VESTIBULE E231A

- SECOND FLOOR EAST - CLOSET E203 - SECOND FLOOR EAST - A.O.R. E202

- SECOND FLOOR EAST - RECEPTION E213 - SECOND FLOOR EAST - CORRIDOR E230, E231, E232, E233, E234 - SECOND FLOOR EAST - COPY ROOMS E217, E220

- SECOND FLOOR EAST - I.D.F. E218 - SECOND FLOOR EAST - MECHANICAL E219

AREAS OF WORK LISTED BELOW TO BE PERFORMED AFTER REGULAR BUSINESS HOURS (M-F 6PM-6AM, SAT-SUN HAVE NO RESTRICTIONS). CONTRACTOR SHALL PROVIDE ITS EXECUTION PLAN FOR REVIEW AND COORDINATION PRIOR TO ANY COMMENCEMENT OF THE WORK:

FLOOR WEST PLAN. - SECOND FLOOR EAST - DUCT ACCESS W264

- SECOND FLOOR EAST - CORRIDOR W266, W271, W272 - SECOND FLOOR EAST - TRAINING ROOM W224

- SECOND FLOOR EAST - BATTERY ROOM W229 - SECOND FLOOR EAST - RESTROOMS E223, E224

- SECOND FLOOR EAST - LOBBY E201

WORKERS ENTRY/EXIT

740 N. SEDGWICK LOBBY

FREIGHT ELEVATOR AND STAIRCASE FOR CONTRACTOR'S USE.

AREAS OF WORK (DURING REGULAR BUSINESS HOURS)

AREAS OF WORK (AFTER REGULAR **BUSINESS HOURS**)

AREAS OF WORK (ONLY PERMITTED M-F 6AM-8AM)

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Architect of Record: RADA ARCHITECTS LTD.

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IMEG Chicago, IL

Chicago, IL **MEPFP Engineers of Record**

VERDE2 ENVIRONMENTAL SOLUTIONS Chicago, IL **Environmental Consultant**

Issuance				
Mark	Description	Da		
$\overline{\Lambda}$	ADDENDUM NO. 1	12.21.2		

PBC Project Name: CIP - Central Hearing Facility Roof and MEP Upgrades

PBC Contract No: C1606 Project No.: 04044 PHASING & LOGISTICS

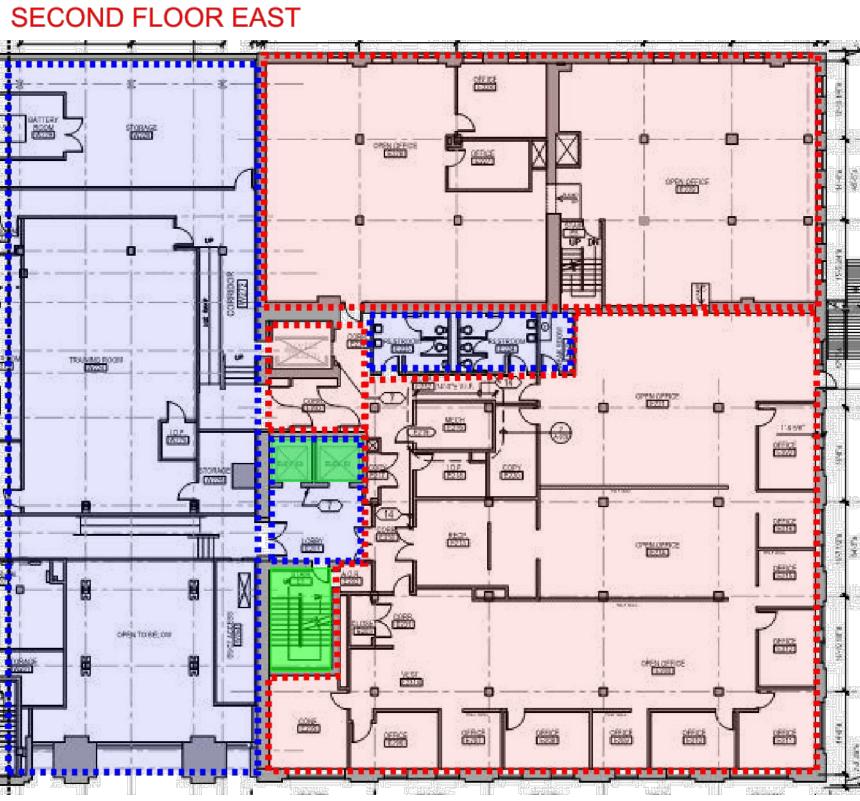
PLAN 2

0'-0" 2'-0" 4'-0"

KEY SITE PLAN 6 STORY BUILEINE O REA-1010 SUPERIOR STREET







UNEXCAVATED AREA. BELOW EXISTING

\$104966 (EEE)

maxr.

LOADING DOCK

1/16" = 1'-0"

1/8" = 1'-0"

1/32" = 1'-0"

BASEMENT

STORAGE

ELV. MECH.

6.9. PM

STORAGE E-117

STORAGE

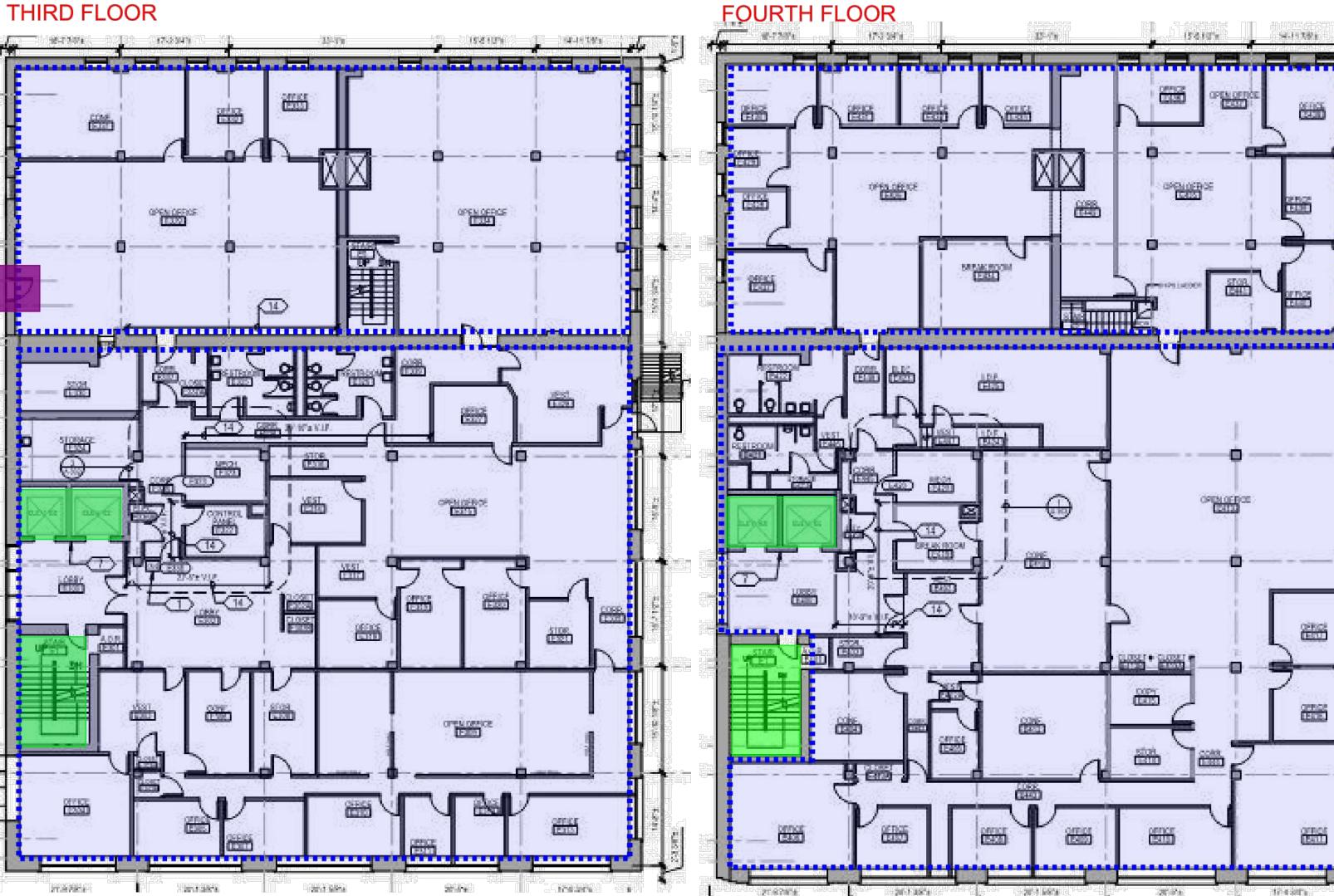
FOURTH FLOOR

 $32'-0" \qquad 0'-0" \qquad 16'-0" \qquad 22'-0" \qquad 0'-0" \qquad 16'-0" \qquad 22'-0" \qquad 0'-0" \qquad 16'-0" \qquad 22'-0" \qquad 0'-0" \qquad 16'-0" \qquad 0'-0" \qquad 16'-0" \qquad 0'-0" \qquad 0'-$

1/2" = 1'-0"

1" = 1'-0"

1/4" = 1'-0"



CENTRAL HEARING FACILITY DIRECTORY AND HOURS

1-1/2" = 1'-0"

OF OPERATION: 1. BASEMENT - USED BY AIS AND TRANSWESTERN ONLY. HOURS OF OPERATION: 7AM-6PM. 2. 1ST FLOOR EAST - 740 N. SEDGWICK LOBBY, DOCK, ENTRY/EXIT FOR STAFF, BREAKROOM, CONFERENCE ROOMS. HOURS OF OPERATION: 7AM-6PM. 1ST FLOOR WEST - COURTROOMS AND REVENUE. HOURS OF OPERATION: M-F 8:30AM-4:30PM AND SAT 8AM-3PM.

4. 2ND FLOOR WEST - OFFICE OF INSPECTOR GENERAL (OIG). HOURS OF OPERATION: 7AM-6PM. 4. 2ND FLOOR EAST - DEPT. OF ADMINISTRATIVE HEARINGS (DIVISION OFFICES). HOURS OF OPERATION: M-F 7AM-6PM.

5. 3RD FLOOR - LAW OFFICES FOR OIG CITY COLLEGES OF CHICAGO, OIG CHICAGO PARK DISTRICT, AND DEPT OF BUILDINGS. HOURS OF OPERATION: M-F 7AM-6PM. 6. 4TH FLOOR - COMMISSION ON HUMAN RELATIONS. HOURS OF OPERATION: M-F 7AM-6PM.

7. 5TH FLOOR - BOARD OF ETHICS. HOURS OF OPERATION: M-F 7AM-6PM.

8. 6TH FLOOR - DEPT. OF ADMINISTRATIVE HEARINGS (ADMINISTRATIVE OFFICES). HOURS OF OPERATION: M-F

WORK RESTRICTIONS:

3" = 1'-0"

<u>6" = 1'-0"</u>

1. WORK PERFORMED DURING REGULAR BUSINESS HOURS WILL BE PERMITTED WITH NOISE RESTRICTIONS. 2. ALL WALL DEMOLITION FOR THE MECHANICAL ROOMS E120, E219, E323, E420, E516, E617 IS TO BE PERFORMED AFTER REGULAR BUSINESS HOURS, WEEKENDS, OR HOLIDAYS.

3. WORK IN OFFICE AREAS PERMITTED DURING REGULAR BUSINESS HOURS ON THE 2ND FLOOR WEST AND 6TH FLOOR IS TO BE PERFORMED IN TWO PHASES: PHASE 1 -OPEN OFFICE AREAS, PHASE 2 - PRIVATE OFFICES. AREAS WILL BE OCCUPIED DURING THIS WORK. CONTRACTOR TO NOT IMPACT THE FACILITY'S DAILY OPERATIONS.

4. CONTRACTOR TO PROTECT FURNITURE AND FILES IN OFFICE AREAS FROM ANY DEBRIS. 5. DURING THE TIME THAT THE AHU UNIT ON THE 1ST FLOOR, 2ND FLOOR, 3RD FLOOR, 4TH FLOOR, 5TH FLOOR, AND 6TH FLOOR IS OUT OF SERVICE, CONTRACTOR SHALL PROVIDE TEMPORARY HVAC EQUIPMENT, DUCTING, POWER AS REQUIRED TO DELIVER MINIMUM OF 0.6 CFM/SF TO OCCUPIED OFFICE SPACE WITH 0.2 CFM/SF OUTDOOR AIR. SPACE TEMPERATURE TO BE MAINTAINED BETWEEN 68 DEGREES FAHRENHEIT(PER SECTION 1203 OF THE CBC) AND 80 DEGREES FAHRENHEIT.

AREAS OF WORK LISTED BELOW DO NOT HAVE ANY WORKING DAYS/HOURS RESTRICTIONS. CONTRACTOR SHALL PROVIDE ITS EXECUTION PLAN FOR REVIEW AND COORDINATION PRIOR TO ANY COMMENCEMENT OF THE WORK:

- BASEMENT - EVERY AREA SHOWN ON THE BASEMENT PLAN.

AREAS OF WORK LISTED BELOW TO BE PERFORMED AFTER REGULAR BUSINESS HOURS (M-F 6PM-6AM, SAT-SUN HAS NO RESTRICTIONS). CONTRACTOR SHALL PROVIDE ITS EXECUTION PLAN FOR REVIEW AND COORDINATION PRIOR TO ANY COMMENCEMENT OF THE WORK: -THIRD FLOOR - EVERY AREA SHOWN ON THIRD FLOOR. -FOURTH FLOOR - EVERY AREA SHOWN ON THE FOURTH FLOOR PLAN.

ACCESS TO THE 2-STORY BUILDING

GC/AOR/PBC FIELD OFFICE FREIGHT ELEVATOR AND STAIRCASE FOR CONTRACTOR'S USE.

AREAS OF WORK (DURING REGULAR **■■** BUSINESS HOURS)

AREAS OF WORK (AFTER REGULAR BUSINESS HOURS)

ASSETS,
INFORMATION
AND
SERVICES, CIT'
OF CHICAGO
SANDRA
BLAKEMORE,
COMMISSIONEE
FRANCES
ROVITUSOSTRANGE,
DEPUTY
COMMISSIONEE

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Architect of Record:

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ADDRESS: 233 N. MICHIGAN AVE. CHICAGO, ILLINOIS 60601 312.856.1970 FAX: 312.856.1978 WWW.RADA-ARCH.COM

IMEG Chicago, IL Structural Engineers of Record

Chicago, IL MEPFP Engineers of Record

LERCH BATES Chicago, IL Elevator Consultant

Chicago, IL **Roofing Consultant**

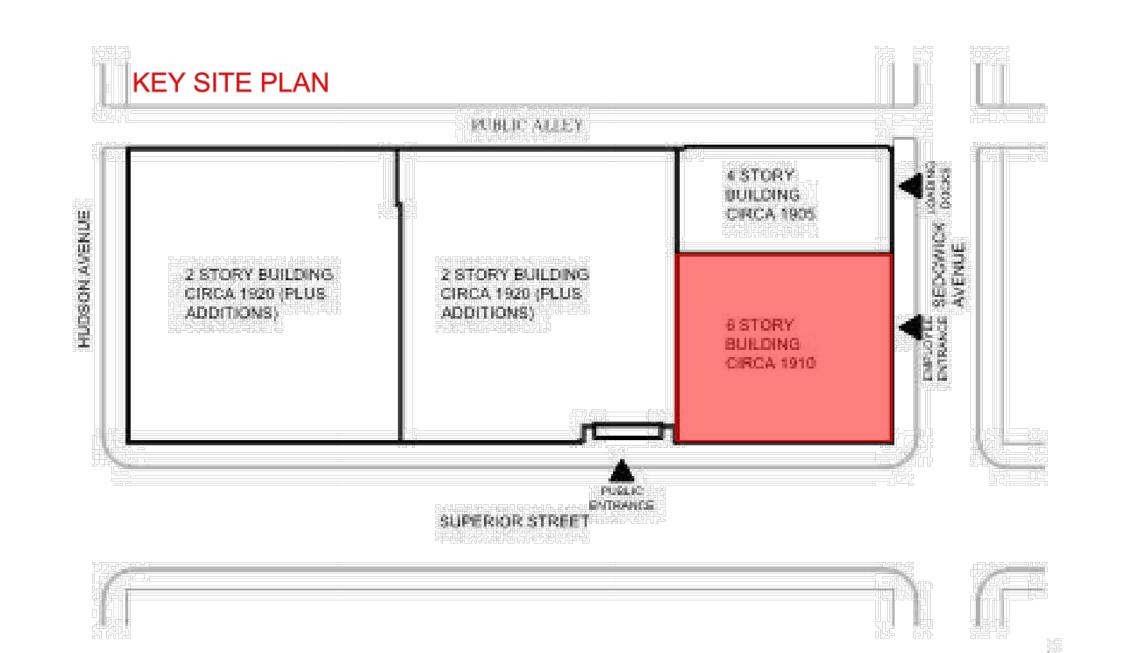
VERDE2 ENVIRONMENTAL SOLUTIONS Chicago, IL **Environmental Consultant**

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PBC Project Name: CIP - Central Hearing Facility Roof and MEP Upgrades

PBC Contract No: C1606

PHASING & LOGISTICS PLAN 3



CENTRAL HEARING FACILITY DIRECTORY AND HOURS

OF OPERATION: 1. BASEMENT - USED BY AIS AND TRANSWESTERN ONLY. HOURS OF OPERATION: 7AM-6PM.

2. 1ST FLOOR EAST - 740 N. SEDGWICK LOBBY, DOCK, ENTRY/EXIT FOR STAFF, BREAKROOM, CONFERENCE ROOMS. HOURS OF OPERATION: 7AM-6PM. 3. 1ST FLOOR WEST - COURTROOMS AND REVENUE. HOURS OF OPERATION: M-F 8:30AM-4:30PM AND SAT

8AM-3PM. 4. 2ND FLOOR WEST - OFFICE OF INSPECTOR GENERAL (OIG). HOURS OF OPERATION: 7AM-6PM. 4. 2ND FLOOR EAST - DEPT. OF ADMINISTRATIVE HEARINGS (DIVISION OFFICES). HOURS OF OPERATION:

M-F 7AM-6PM. 5. 3RD FLOOR - LAW OFFICES FOR OIG CITY COLLEGES OF CHICAGO, OIG CHICAGO PARK DISTRICT, AND DEPT. OF BUILDINGS. HOURS OF OPERATION: M-F 7AM-6PM. 6. 4TH FLOOR - COMMISSION ON HUMAN RELATIONS. HOURS OF OPERATION: M-F 7AM-6PM.

7. 5TH FLOOR - BOARD OF ETHICS. HOURS OF

OPERATION: M-F 7AM-6PM. 8. 6TH FLOOR - DEPT. OF ADMINISTRATIVE HEARINGS (ADMINISTRATIVE OFFICES). HOURS OF OPERATION: M-F 7AM-6PM.

WORK RESTRICTIONS:

1. WORK PERFORMED DURING REGULAR BUSINESS HOURS WILL BE PERMITTED WITH NOISE RESTRICTIONS. 2. ALL WALL DEMOLITION FOR THE MECHANICAL ROOMS E120, E219, E323, E420, E516, E617 IS TO BE PERFORMED AFTER REGULAR BUSINESS HOURS, WEEKENDS, OR

HOLIDAYS. 3. WORK IN OFFICE AREAS PERMITTED DURING REGULAR BUSINESS HOURS ON THE 2ND FLOOR WEST AND 6TH FLOOR IS TO BE PERFORMED IN TWO PHASES: PHASE 1 -OPEN OFFICE AREAS, PHASE 2 - PRIVATE OFFICES. AREAS WILL BE OCCUPIED DURING THIS WORK. CONTRACTOR TO NOT IMPACT THE FACILITY'S DAILY OPERATIONS.

4. CONTRACTOR TO PROTECT FURNITURE AND FILES IN OFFICE AREAS FROM ANY DEBRIS, 5. DURING THE TIME THAT THE AHU UNIT ON THE 1ST FLOOR, 2ND FLOOR, 3RD FLOOR, 4TH FLOOR, 5TH FLOOR, AND 6TH FLOOR IS OUT OF SERVICE, CONTRACTOR SHALL PROVIDE TEMPORARY HVAC EQUIPMENT, DUCTING, POWER AS REQUIRED TO DELIVER MINIMUM OF 0.6 CFM/SF TO OCCUPIED OFFICE SPACE WITH 0.2 CFM/SF OUTDOOR AIR. SPACE TEMPERATURE TO BE MAINTAINED BETWEEN 68 DEGREES FAHRENHEIT(PER SECTION 1203 OF THE CBC)

AND 80 DEGREES FAHRENHEIT.

AREAS OF WORK LISTED BELOW DO NOT HAVE ANY WORKING DAYS/HOURS RESTRICTIONS. CONTRACTOR SHALL PROVIDE ITS EXECUTION PLAN FOR REVIEW AND ACCESS COORDINATION PRIOR TO ANY COMMENCEMENT OF THE WORK:

- SIXTH FLOOR - OFFICES E605, E606, E607, E608, E609, E610, E613, E614, E624, E625 - SIXTH FLOOR - OPEN OFFICES E615, E603

- SIXTH FLOOR - FILE ROOM E622 - SIXTH FLOOR - COPY ROOM E621

- SIXTH FLOOR - LIBRARY E623

- SIXTH FLOOR - I.D.F. E620 - SIXTH FLOOR - CORRIDORS E627, E628

- SIXTH FLOOR - MECHANICAL E617 - SIXTH FLOOR BREAKROOM E616

- SIXTH FLOOR - LOBBY E602 - SIXTH FLOOR - CONFERENCE ROOM E611, E612

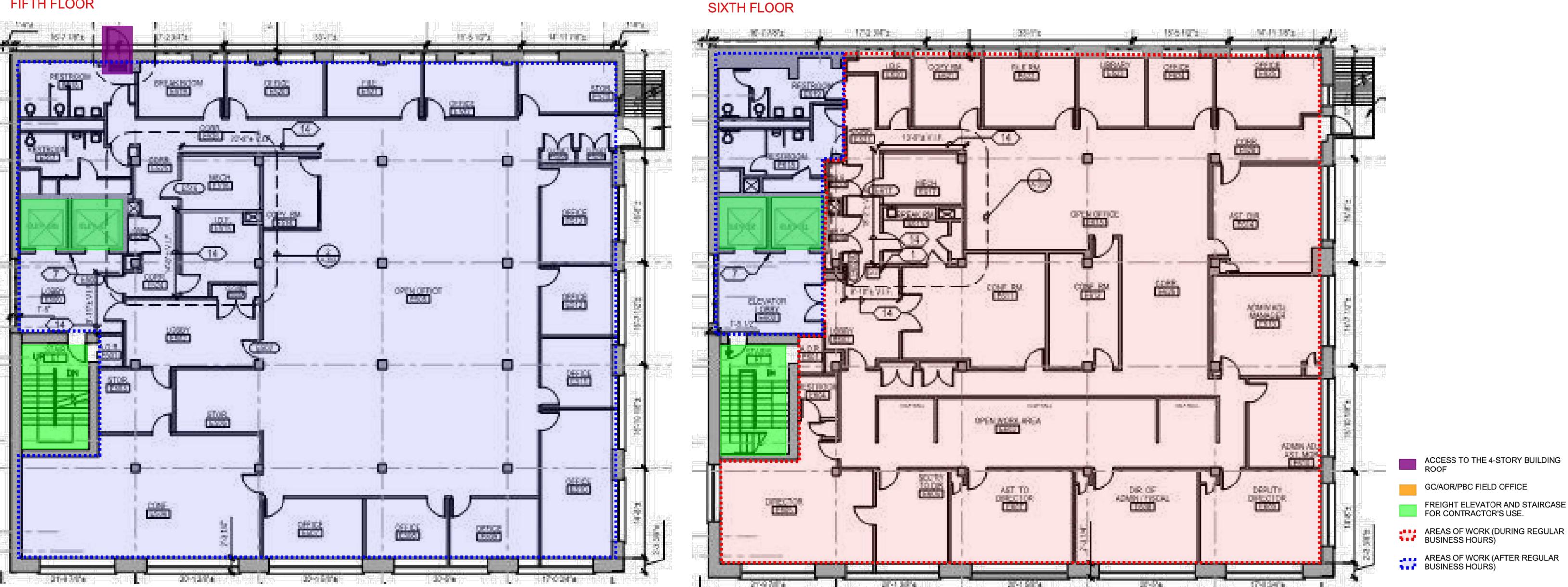
- SIXTH FLOOR - RESTROOM E605

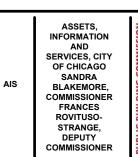
AREAS OF WORK LISTED BELOW TO BE PERFORMED AFTER REGULAR BUSINESS HOURS (M-F 6PM-6AM, SAT-SUN HAS NO RESTRICTIONS). CONTRACTOR SHALL PROVIDE ITS EXECUTION PLAN FOR REVIEW AND

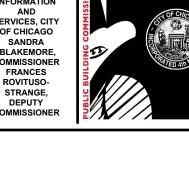
ACCESS COORDINATION PRIOR TO ANY COMMENCEMENT OF THE WORK: - FIFTH FLOOR - EVERY AREA SHOWN ON THE FIFTH FLOOR PLAN.

- SIXTH FLOOR - RESTROOMS E619, E618 - SIXTH FLOOR - ELEVATOR LOBBY E600

FIFTH FLOOR







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Chicago, IL Structural Engineers of Record

Chicago, IL MEPFP Engineers of Record

Chicago, IL Elevator Consultant Chicago, IL Roofing Consultant

LERCH BATES

VERDE2 ENVIRONMENTAL SOLUTIONS Chicago, IL

Environmental Consultant

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PBC Project Name: CIP - Central Hearing Facility Roof and MEP Upgrades

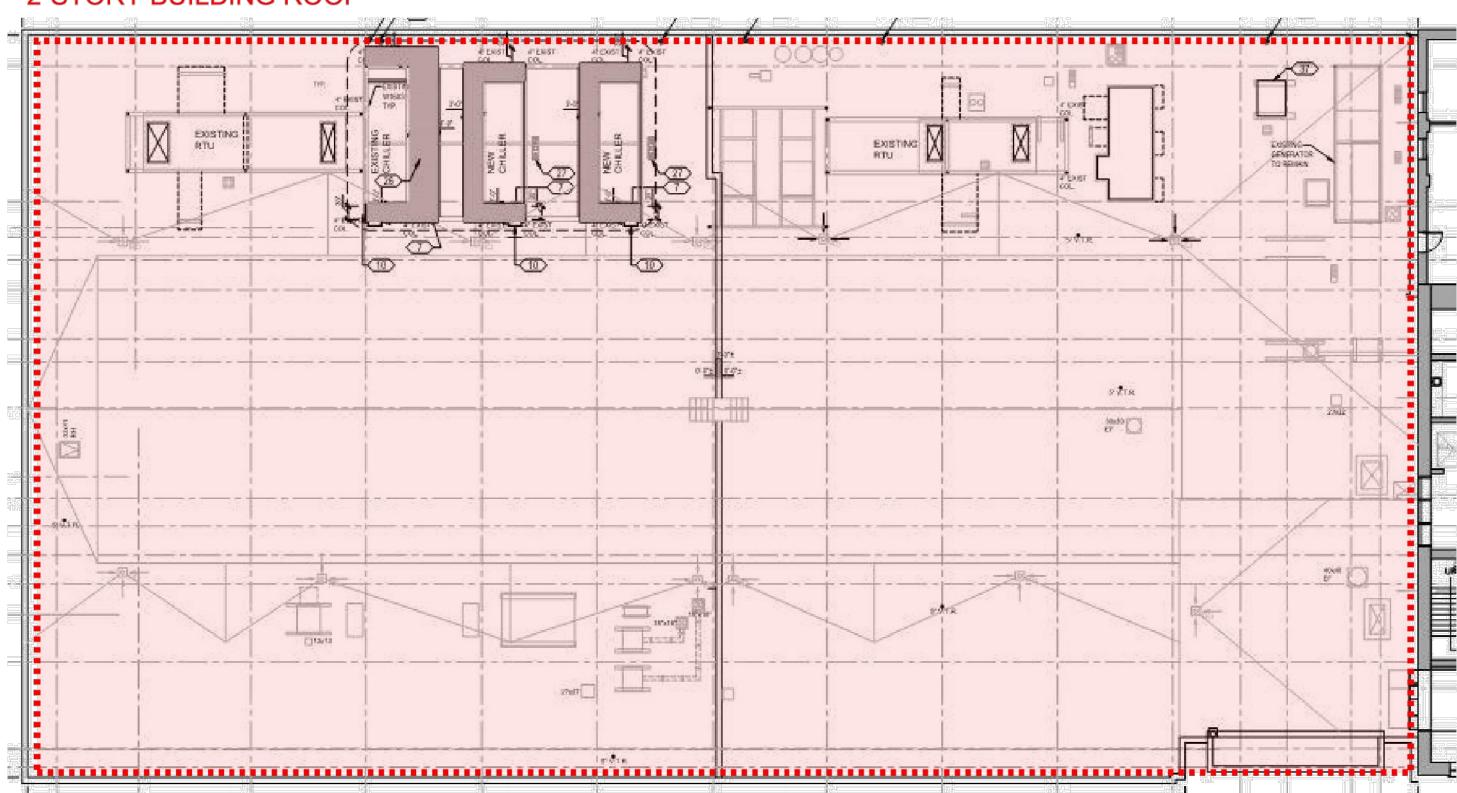
PBC Contract No: C1606

PHASING & LOGISTICS PLAN 4

1/16" = 1'-0"

2-STORY BUILDING ROOF

1/32" = 1'-0"



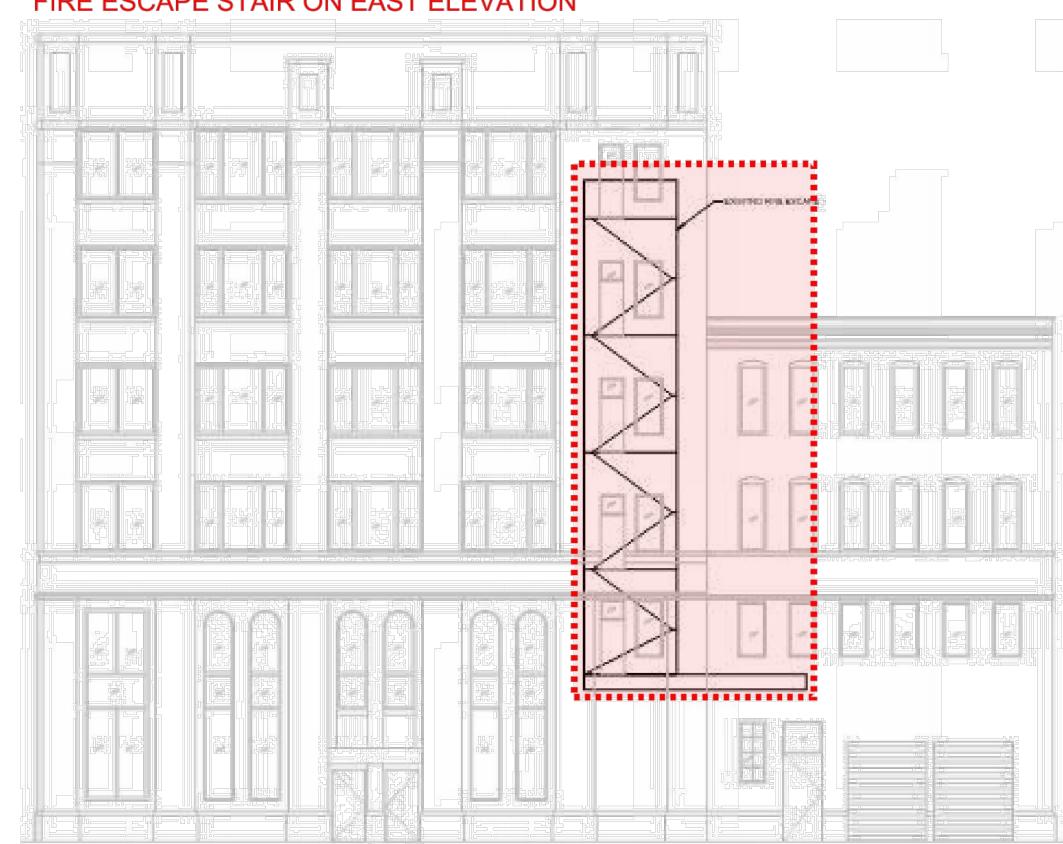
0'-0" 4'-0" 8'-0" 16'-0"

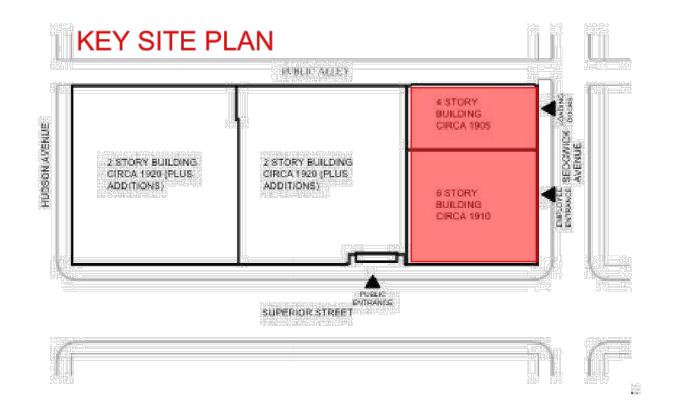
1/8" = 1'-0"

0'-0" 2'-0" 4'-0"

1/4" = 1'-0"

FIRE ESCAPE STAIR ON EAST ELEVATION





0'-0" 0'-6" 1'-0"

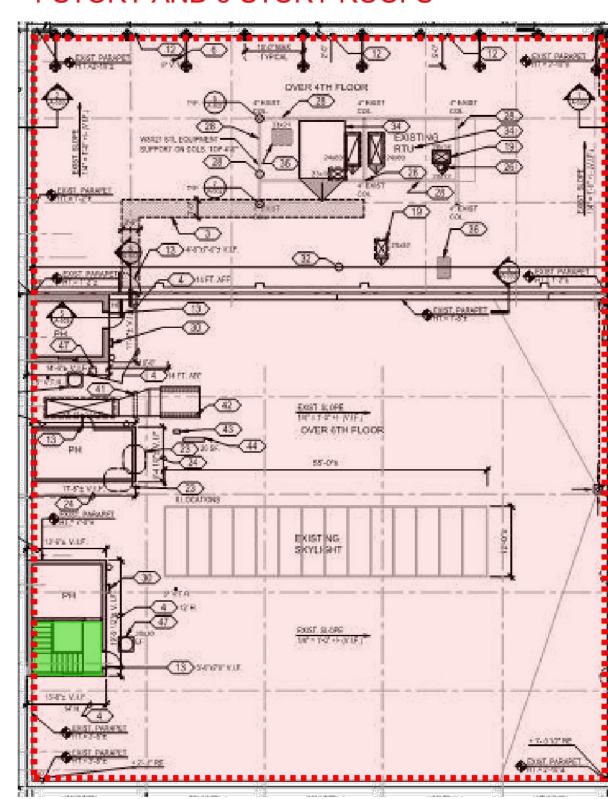
<u>1-1/2" = 1'-0"</u>

<u>1" = 1'-0"</u>

0'-0" 1'-0" 2'-0" 4'-0"

1/2" = 1'-0"

4-STORY AND 6-STORY ROOFS



CENTRAL HEARING FACILITY DIRECTORY AND HOURS OF OPERATION:

<u>3" = 1'-0"</u>

OF OPERATION:

1. BASEMENT - USED BY AIS AND TRANSWESTERN ONLY. HOURS OF OPERATION: 7AM-6PM.

2. 1ST FLOOR EAST - 740 N. SEDGWICK LOBBY, DOCK, ENTRY/EXIT FOR STAFF, BREAKROOM, CONFERENCE ROOMS. HOURS OF OPERATION: 7AM-6PM.

3. 1ST FLOOR WEST - COURTROOMS AND REVENUE. HOURS OF OPERATION: M-F 8:30AM-4:30PM AND SAT

4. 2ND FLOOR WEST - OFFICE OF INSPECTOR GENERAL (OIG). HOURS OF OPERATION: 7AM-6PM.
4. 2ND FLOOR EAST - DEPT. OF ADMINISTRATIVE HEARINGS (DIVISION OFFICES). HOURS OF OPERATION:

M-F 7AM-6PM.
5. 3RD FLOOR - LAW OFFICES FOR OIG CITY COLLEGES OF CHICAGO, OIG CHICAGO PARK DISTRICT, AND DEPT. OF BUILDINGS. HOURS OF OPERATION: M-F 7AM-6PM.
6. 4TH FLOOR - COMMISSION ON HUMAN RELATIONS. HOURS OF OPERATION: M-F 7AM-6PM.
7. 5TH FLOOR - BOARD OF ETHICS. HOURS OF OPERATION: M-F 7AM-6PM.

8. 6TH FLOOR - DEPT. OF ADMINISTRATIVE HEARINGS (ADMINISTRATIVE OFFICES). HOURS OF OPERATION: M-F 7AM-6PM.

AREAS OF WORK LISTED BELOW DO NOT HAVE ANY WORKING DAYS/HOURS RESTRICTIONS. CONTRACTOR SHALL PROVIDE ITS EXECUTION PLAN FOR REVIEW AND COORDINATION PRIOR TO ANY COMMENCEMENT OF THE WORK:

2-STORY BUILDING ROOF - ALL AREAS SHOWN ON PLAN.
 4-STORY BUILDING ROOF - ALL AREAS SHOWN ON PLAN.
 6-STORY BUILDING ROOF - ALL AREAS SHOWN ON PLAN.
 FIRE ESCAPE STAIR

STAIRCASE FOR CONTRACTOR'S USE.

AREAS OF WORK (DURING REGULAR BUSINESS HOURS)



0'-0" 0'-1-1/2" 0'-3" 0'-4-1/2" 0'-6"

<u>6" = 1'-0"</u>

RA MORE, GIONER CES USOIGE, TY SHONER

2 - Central Hearing Facility
Roof and MEP Upgrades
400 W. SUPERIOR
CHICAGO, IL 60654

Architect of Record:

RADA ARCHITECTS LTD.

ARCHITECTS

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IMEG Chicago, IL MEPFP Engineers of Record

Chicago, IL Elevator Consultant IRCA Chicago, IL Roofing Consultant

LERCH BATES

VERDE2 ENVIRONMENTAL SOLUTIONS Chicago, IL Environmental Consultant

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Description	D
ADDENDUM NO. 1	12.21.2

PBC Project Name: CIP - Central Hearing Facility Roof and MEP Upgrades

PBC Contract No: C1606
Project No.: 04044

PHASING & LOGISTICS PLAN 5

PH-5