

# City of Valdez

212 Chenega Ave.  
Valdez, AK 99686

## Meeting Agenda

### City Council

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Wednesday, November 6, 2024

7:00 PM

Council Chambers

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**Regular Meeting (note date change due to state/ federal election)**

#### REGULAR AGENDA - 7:00 PM

I. CALL TO ORDER

II. PLEDGE OF ALLEGIANCE

III. ROLL CALL

IV. PUBLIC APPEARANCES

1. [Public Appearance: Mat Brunton, Chugach Mountain Institute](#)

V. PUBLIC BUSINESS FROM THE FLOOR

VI. CONSENT AGENDA

1. [Approval To Go Into Executive Session Regarding Settlement of Redistricting Litigation Attorney Fees](#)

VII. NEW BUSINESS

1. [Approval of the Providence Valdez Medical Center 2025 Operating and Capital Projects Budget](#)
2. [Acceptance of Final Plat for Subdivision #24-04 Duck Tail Subdivision Creating Tracts D1, D2 and D3, and Authorization of Mayor's Signature on the Plat to be Recorded.](#)
3. [Approval of Professional Service Agreement with Bettisworth North Architects & Planners Inc. for Child Care Facility Design in the Amount of \\$395,036](#)

VIII. ORDINANCES

1. [#24-13 - Amending Chapter 17.80, Section 17.80.090 of the Valdez Municipal Code Titled Short-term Rentals. First Reading. Public Hearing.](#)

IX. RESOLUTIONS

1. [#24-45 - Supporting the Alaska Salmon Hatchery Program](#)
2. [#24-46 - Requesting the Governor of the State of Alaska Designate by Proclamation the Area of Prince William Sound Pink Salmon Fishery and any other Applicable Pink Salmon Fisheries as an Area Impacted by Economic Disaster in 2024, and Supporting a Recovery Plan for Affected Fishermen](#)
3. [#24-47 - Amending the 2024 Budget by Accepting a U.S. Department of Homeland Security State and Local Cybersecurity Grant Program Award in the Amount of \\$45,000.00 for Development of a Cybersecurity Assessment and Authorizing Expenditure of the Same](#)
4. [#24-48 - Adopting the City of Valdez Economic Development Strategic Plan](#)
5. [#24-49 - Amending the 2024 Budget by Appropriating \\$400,000 from the Council Contingency Reserve Fund to the Design of a Child Care Facility](#)

#### X. REPORTS

1. [Verbal Report: Monthly Projects Update](#)
2. [Report: Sealed Bid Auction Results](#)
3. [Change Order Report - Change Order #2 with Valley Mechanical for Alderwood Water System Connections](#)

#### XI. CITY MANAGER / CITY CLERK / CITY ATTORNEY / MAYOR REPORTS

1. City Manager Report
2. City Clerk Report
3. City Attorney Report
4. City Mayor Report

#### XII. COUNCIL BUSINESS FROM THE FLOOR

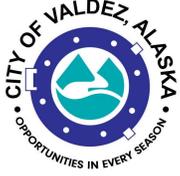
#### XIII. EXECUTIVE SESSION

#### XIV. RETURN FROM EXECUTIVE SESSION

#### XV. ADJOURNMENT

#### XVI. APPENDIX

1. [November 2024 Council Calendar](#)
2. [AML Draft Resolutions for 2025](#)



Legislation Text

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**File #:** 24-0431, **Version:** 1

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**ITEM TITLE:**

Public Appearance: Mat Brunton, Chugach Mountain Institute

**SUBMITTED BY:** Elise Sorum-Birk, Deputy City Clerk

**FISCAL NOTES:**

Expenditure Required: n/a

Unencumbered Balance: n/a

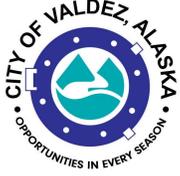
Funding Source: n/a

**RECOMMENDATION:**

n/a

**SUMMARY STATEMENT:**

Mat Brunton with the Chugach Mountain Institute will discuss outdoor and adventure industry and programming issues in the greater Valdez area.



Legislation Text

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**File #:** 24-0430, **Version:** 1

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**ITEM TITLE:**

Approval To Go Into Executive Session Regarding Settlement of Redistricting Litigation Attorney Fees

**SUBMITTED BY:** Sheri Pierce, MMC, City Clerk

**FISCAL NOTES:**

Expenditure Required: [Click here to enter text.](#)  
Unencumbered Balance: [Click here to enter text.](#)  
Funding Source: [Click here to enter text.](#)

**RECOMMENDATION:**

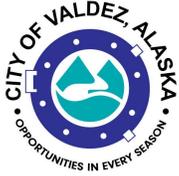
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**SUMMARY STATEMENT:**

Alaska Statute AS 44.62.310 provides an exception to the Alaska Open Meetings law (AS 44.62.310) which allows the City Council to meet in executive session for the purpose of discussion related to:

1. Matters which involve litigation and where matters of which the immediate knowledge would clearly have an adverse effect upon the finances of the City.
2. Matters which by law, municipal charter, or ordinance are required to be confidential.

**Any formal action related to the discussion requiring a motion and vote of the governing body must be done in open session.**



Legislation Text

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**File #:** 24-0432, **Version:** 1

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**ITEM TITLE:**

Approval of the Providence Valdez Medical Center 2025 Operating and Capital Projects Budget

**SUBMITTED BY:** Jordan Nelson, Finance Director

**FISCAL NOTES:**

Expenditure Required: Operating Budget: \$23.0MM; Capital Projects: \$8.0MM

Unencumbered Balance: Operating Budget: \$24.7MM projected revenue; Capital Projects: \$15.8MM  
PVMC Fund

Funding Source: Operating Budget: Operating Revenue; Capital Projects: PVMC Fund

**RECOMMENDATION:**

Review and approve or provide direction to Providence management

**SUMMARY STATEMENT:**

Providence Valdez CEO Melanee Tiura and CFO Lindsie King will be in attendance to field questions related to the PVMC 2025 Budget

The 2025 Providence Valdez Budget is comprised of:

**Operating Budget**

- Hospital \$21.9 million
- Counseling Center \$1.0 million
- Capital Equipment unavailable at publication date

**Capital Projects**

- LTC Expansion \$7,476,667
- Emergency Room \$568,000

Providence Valdez will provide a capital budget at a later date, for expediency only the operating budgets for Providence Valdez Medical Center (PVMC), Providence Valdez Counseling Center (PVCC), and Capital Projects are presented for approval.

The management contract between Providence and the City stipulates that budgets will be presented

annually.

The 2025 PVMC Operating and Capital Projects Budgets include no cash contributions from the City. Providence Valdez will continue to provide cash-transfers where applicable, such as the physicians' assistance program, capital, and/or capital projects.



# **PVMC 2025 Budget**

**City of Valdez**

# KEY STATISTICS:

	2022 Actual	2023 Actual	2024 Annualized	2025 Budget
<b>FTE's</b>	<b>93</b>	<b>99</b>	<b>100</b>	<b>107</b>
<b>LTC Patient Days</b>	3562	3590	3595	3831
<b>Acute Patient Days</b>	839	594	765	768
<b>ER Visits</b>	1572	1586	1659	1626
<b>Counseling Visits</b>	1807	1913	1620	2617
<b>Primary Care Visits</b>	n/a	2967	5912	6385

## FINANCIALS – HOSPITAL (\$000's):

	ACTUAL 2022	ACTUAL 2023	Annualized 2024	BUDGET 2025
<b>Gross Revenue</b>				
LTC/Swing Bed	7,225	7,279	7,722	8,641
Inpatient	3,852	2,707	3,228	3,535
Outpatient	13,165	15,305	17,604	17,570
Physician	1,187	2,065	2,638	3,202
<b>Total Gross Revenue</b>	<b>25,429</b>	<b>27,356</b>	<b>31,192</b>	<b>32,948</b>
<b>Net Service Revenue</b>	<b>20,045</b>	<b>20,895</b>	<b>22,544</b>	<b>23,729</b>
Reimb %	78.8%	76.4%	72.3%	72.0%
<b>Other Operating Revenue</b>	<b>416</b>	<b>313</b>	<b>370</b>	<b>317</b>
<b>Net Operating Revenue</b>	<b>20,461</b>	<b>21,208</b>	<b>22,914</b>	<b>24,046</b>
<b>Operating Expenses</b>				
Salaries & Wages	9,988	10,941	11,088	12,149
Employee Benefits	2,307	2,591	2,974	3,292
Professional Fees	847	447	54	130
Supplies	1,574	1,749	1,466	1,807
Purchased Services	2,432	2,820	2,537	2,804
All Other Expenses	1,215	1,256	1,646	1,801
<b>Total Operating Expenses</b>	<b>18,363</b>	<b>19,804</b>	<b>19,765</b>	<b>21,983</b>
<b>EBIDA</b>	<b>2,627</b>	<b>1,963</b>	<b>2,752</b>	<b>2,939</b>
<b>% Margin</b>	<b>12.8%</b>	<b>13.8%</b>	<b>12.0%</b>	<b>12.2%</b>

## FINANCIALS - COUNSELING CENTER (\$000's):

	ACTUAL 2022	ACTUAL 2023	Annualized 2024	BUDGET 2025
<b>Total Gross Revenue</b>	526	631	492	816
<b>Net Service Revenue</b>	264	295	267	447
Reimb %	49.9%	46.8%	54.3%	54.8%
<b>Other Operating Revenue</b>	366	269	267	252
<b>Net Operating Revenue</b>	630	564	534	699
<b>Operating Expenses</b>				
Salaries & Wages	656	552	462	645
Employee Benefits	276	284	229	250
Supplies	9	8	6	10
Purchased Services	68	47	63	58
All Other Expenses	53	39	38	65
<b>Total Operating Expenses</b>	1,062	930	798	1,028
<b>EBIDA</b>	<b>-430</b>	<b>-366</b>	<b>-269</b>	<b>-328</b>
<b>% Margin</b>	<b>-68.3%</b>	<b>-64.9%</b>	<b>-50.4%</b>	<b>-46.9%</b>

## **Providence Valdez Medical Center Long Term Care (Long Term Care) Project**

### **Background:**

For your review and consideration, our PVMC team has worked with Architects Alaska to redesign the LTC Expansion project. As redesigned, the project would add ~2,130 square feet to the existing facility creating a new day room, nurses' office, manager's office, med room, new entry, and vestibule and mechanical room. Renovations to the existing LTC and hospital would be performed on ~4,030 square feet of the existing LTC facility and convert four acute care rooms to LTC rooms.

### **Budget/Funding Request:**

The budget estimate for this project as designed is \$8,015,587. Of this total project budget, we have already committed \$538,920 for the 35% Schematic Design, 65% Design Development and the preconstruction services Watterson is providing. Additional funding of \$7,476,667 is needed to complete the project.

### **Timeline:**

Watterson anticipates the work will require 13 months to complete from start of construction to completion. Meaning, if we start site work April 2025, we should be substantially completed May 2026 with the construction.

## **PVMC Emergency Department Project**

### **Background:**

The 2<sup>nd</sup> priority project initiated in 2024 was to enhance the PVMC Emergency Department (ED). Due to high construction costs at this time, our team prioritized the components within the original project, focusing our efforts on changing out the Emergency Exam Room doors to slider doors and to convert the dental room to an additional treatment/infusion/wound care space.

### **Budget/Funding Request:**

\$641K in funding was approved by City Council for 2024, of which \$588K remains (after a portion of the design work has been completed). The current estimate for completion of this project (revised scope) is \$568K.

### **Timeline:**

We anticipate that this project will be completed by the end of the second quarter of 2024.

## **Providence Enterprise Fund and Capital Funding Requests**

As of September 30, 2024, the PVMC Enterprise Fund has a balance of \$15,818,652. When factoring in the 120 day cash reserve, current capital projects as listed above, additional 2025 capital/project estimates, the Physician Assistance Program, and projected 2024 and 2025 profits, \$3,045,063 remains.

Recommendation: PVMC is requesting full funding for the LTC and ED projects as detailed above.

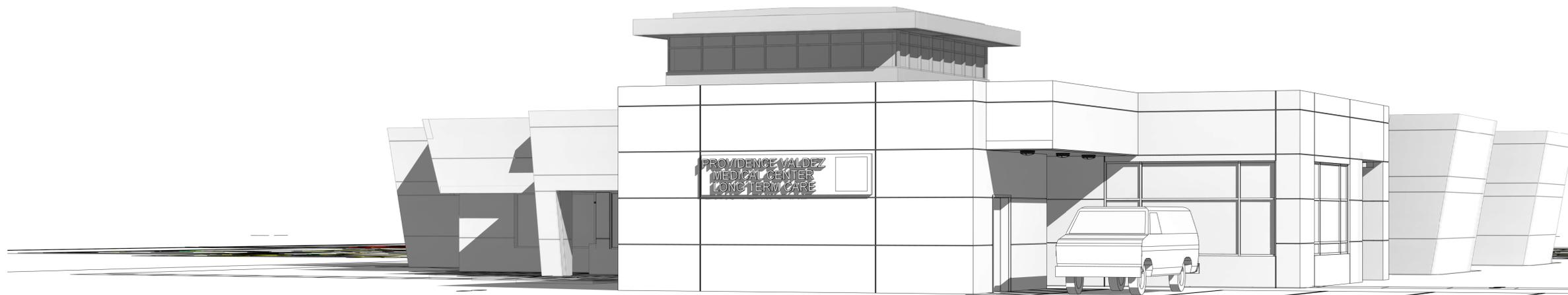
**Melanee Tiura, DHA, FACHE**

**Administrator, Providence Valdez Medical Center**

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BBFM ENGINEERS INC.  
845 K STREET  
ANCHORAGE, AK 99501

MECHANICAL ENGINEER  
AMC ENGINEERS  
701 EAST TUDOR ROAD  
ANCHORAGE, AK 99503

ELECTRICAL ENGINEER  
AMC ENGINEERS  
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# PROVIDENCE VALDEZ MEDICAL CENTER LONG TERM CARE EXPANSION

911 MEALS AVE  
VALDEZ, ALASKA 99686

CLIENT PROJECT NO.: 2023-AK-1001 PVMC LTC EXPANSION 2023-058

**DESIGN DEVELOPMENT**

ISSUE DATE: 10/4/2024

ARCHITECTURAL ABBREVIATIONS

Table of architectural abbreviations including symbols for materials, structural elements, and mechanical components.

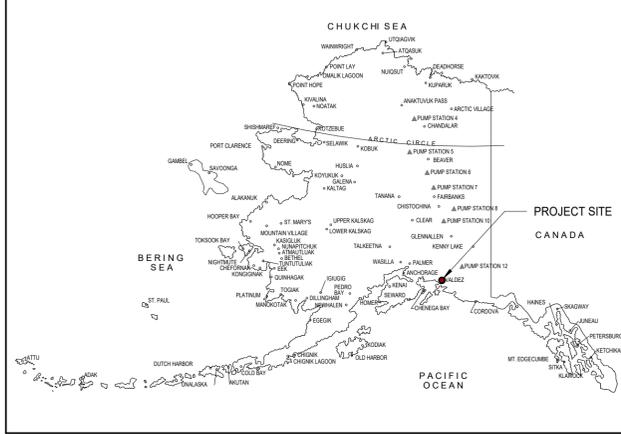
PROJECT DESCRIPTION

THE PROJECT CONSISTS OF A 2,590 SF BUILDING ADDITION AND APPROXIMATELY 3,765 SF REMODEL TO THE EXISTING PROVIDENCE VALDEZ MEDICAL CENTER LOCATED AT 911 MEALS AVE IN VALDEZ, ALASKA.

DRAWING INDEX

Table listing drawing sheets categorized by General, Architectural, Mechanical, Electrical, and Structural disciplines.

STATE MAP



VICINITY MAP



GENERAL NOTES

- List of 16 general notes detailing construction requirements, safety protocols, and material specifications.

ARCHITECTURAL DRAWING CONVENTIONS

Table defining drawing conventions for symbols such as North Arrow, Grid Lines, Sheet Note Tag, Bldg./Wall Section, Discipline, Detail, Exterior Elevation, Partition Type, Equipment Tag, Revisions, Door Number, Demolition, Vert. Control Point, Window Type, Room Tag, Interior Elevation, and Matchline.

SPECIAL INSPECTIONS

Table for special inspections, including a Revisions table and a Sheet Contents table.

Architects Alaska logo and contact information: 900 W. 5th Avenue, Suite 403 Anchorage, AK, 99501. Phone: 907.272.3567.

65% DESIGN DEVELOPMENT

PROVIDENCE VALDEZ MEDICAL CENTER LONG TERM CARE EXPANSION 911 MEALS AVE, VALDEZ, ALASKA 99686

CODE STUDY

2021 INTERNATIONAL BUILDING CODE (IBC)

<b>CHAPTER 3 - OCCUPANCY &amp; USE CLASSIFICATION</b>	
1-2 CONDITION 1 (LONG TERM CARE)	308.3
1-2 CONDITION 2 (HOSPITAL)	
U (AMBULANCE BAY)	312
<b>CHAPTER 5 - SPECIAL DETAILED REQUIREMENTS</b>	
CORRIDORS: CONSTRUCTION TO COMPLY WITH 407.3. REQUIRED TO BE CONTINUOUS TO EXITS EXCEPT WHERE OTHERWISE PERMITTED.	407.2
CARE PROVIDERS' STATION: CHARTING ALCOVES ARE CONSTRUCTED AS A REQUIRED FOR CORRIDORS AND PERMITTED TO BE OPEN TO THE CORRIDOR.	407.2.2
SHARED SPACES: LIVING ROOM, DINING ROOM, AND ACTIVITY ROOM ARE CONSTRUCTED AS REQUIRED FOR CORRIDORS AND NOT OCCUPIED AS RESIDENT SLEEPING ROOM, INCIDENTAL OR HAZARDOUS USES. THE CORRIDOR AND OPEN SPACE WILL BE PROTECTED BY AUTOMATIC FIRE DETECTION SYSTEM. SPACE ARRANGED NOT TO OBSTRUCT EXITS.	407.2.5
COOKING FACILITIES: ACTIVITY KITCHEN SERVES LESS THAN 30 CARE RECIPIENTS AND IS LOCATED IN A SMOKE COMPARTMENT WITH LESS THAN 30 CARE RECIPIENTS. IT IS THE ONLY KITCHEN IN THE SMOKE COMPARTMENT. THE CORRIDOR IS CLEARLY DELINATED AROUND THE KITCHEN AND DOES NOT OBSTRUCT EXIST ACCESS. COOKING APPLIANCES SHALL BE IN COMPLIANCE WITH SECTION 407.2.7	407.2.6
DOMESTIC COOKING APPLIANCES: DOMESTIC COOKING COMPLIANCES USED IN THE ACTIVITY KITCHEN ARE REQUIRED TO COMPLY WITH ALL THE FOLLOWING:	407.2.7
COOKING APPLIANCES LIMITED TO OVENS, COOKTOPS, RANGES, WARMERS AND MICROWAVES.	
DOMESTIC COOKING HOODS REQUIRED OVER COOKTOPS AND RANGES AND MUST COMPLY WITH SECTION 505 OF THE INTERNATIONAL MECHANICAL CODE.	
COOKTOPS AND RANGES SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 904.14	
SHUT-OFF FOR FUEL AND ELECTRIC POWER SUPPLY SHALL BE PROVIDED IN A LOCATION TO WHICH ONLY STAFF HAS ACCESS.	
A TIMER SHALL BE PROVIDED THAT DEACTIVATES THE COOKING APPLIANCE WITHIN A PERIOD OF NOT MORE THAN 120 MINUTES.	
A PORTABLE FIRE EXTINGUISHER SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 906 WITH 30 FEET OF TRAVEL DISTANCE FROM EACH COOKING APPLIANCE.	
<b>CORRIDOR WALL CONSTRUCTION</b>	
CORRIDOR WALL SHALL BE CONSTRUCTED AS A SMOKE PARTITIONS	407.3
CORRIDOR DOORS DO NOT REQUIRE A FIRE PROTECTION RATING OR CLOSERS EXCEPT WHERE REQUIRED ELSEWHERE (INCIDENTAL USES, SMOKE BARRIER, EXITS, ETC.). DOORS SHALL PROVIDE AN EFFECTIVE BARRIER TO LIMIT THE TRANSFER OF SMOKE AND SHALL BE POSITIVE LATCHING. ROLLER LATCHES ARE NOT PERMITTED.	407.3.1
DOORS NOT REQUIRED TO HAVE A FIRE PROTECTION RATING SHALL BE BE SOLID WITH CLOSE-FITTING OPERATIONAL TOLERANCES, HEAD AND JAMB STOPS. TO PROVIDE MAKEUP AIR FOR EXHAUST SYSTEMS IN ACCORDANCE WITH 1020.6 EXCEPTION 1 DOORS ARE PERMITTED TO HAVE A UNDERCUT OF 2 3/8" MAXIMUM.	407.3.1.1
<b>MEANS OF EGRESS</b>	407.4
MEANS OF EGRESS SHALL COMPLY WITH CHAPTER 10 AND 407.4.1-407.4.4. FIRE EVACUATION PLANS SHALL BE PROVIDED IN ACCORDANCE WITH 1002.2 AND SHALL IDENTIFY THE BUILDING COMPONENTS NECESSARY TO SUPPORT A DEFEND-IN-PLACE EMERGENCY RESPONSE IN ACCORDANCE WITH 403 & 404 OF THE INTERNATIONAL FIRE CODE.	
HABITAT ROOMS IN 1-2 SHALL HAVE AN EXIT ACCESS DOOR LEADING DIRECTLY TO A CORRIDOR.	407.4.1
LOCKING DEVICES SHALL ALLOW FOR FREE EGRESS. WANDER MANAGEMENT SYSTEMS SHALL COMPLY WITH 1010.2.14	407.4.1.1
THE DISTANCE OF TRAVEL BETWEEN ANY POINT IN A SLEEPING ROOM TO AN EXIT ACCESS FOOR SHALL NOT BE GREATER THAN 50 FEET.	407.4.2
<b>SMOKE BARRIERS</b>	407.5
SMOKE BARRIERS SHALL BE PROVIDED TO SUBDIVIDE FLOOR INTO NOT FEWER THAN TWO SMOKE COMPARTMENTS. THE SMOKE BARRIER SHALL BE IN ACCORDANCE WITH 709.	
MAXIMUM SMOKE COMPARTMENT SIZE: 22,500SF	407.5.1
MAXIMUM EXIT ACCESS TRAVEL DISTANCE: 200FT	407.5.2
REFUGE AREA REQUIRED WITHIN EACH SMOKE COMPARTMENT. NOT LESS THAN 30 NSF FOR EACH CARE RECIPIENT CONFINED TO BED OR STRETCHER, NOT LESS THAN 6SF FOR EACH AMBULATORY CARE RECIPIENT. AREA MAY INCLUDE CORRIDORS, SLEEPING AREAS, TREATMENT ROOMS, LOUNGES, DINING ROOMS, AND OTHER LOW-HAZARD SPACES.	407.5.3
EACH SMOKE COMPARTMENT REQUIRES AN INDEPENDENT MEANS OF EGRESS OR ACCESS TO NOT LESS THAN TWO ADJACENT SMOKE COMPARTMENTS	407.5.4
<b>AUTOMATIC-CLOSING DOORS</b>	407.6
AUTOMATIC-CLOSING DOORS WITH HOLD-OPEN DEVICES SHALL COMPLY WITH SECTIONS 709.5 & 716.2. AUTOMATIC CLOSING DEVICES IN ACCORDANCE WITH SECTION 716.2.6.6 SHALL ALSO CLOSED UPON ACTIVATION OF A FIRE ALARM SYSTEMS, AN AUTOMATIC SPRINKLER SYSTEMS, OR BOTH. AUTOMATIC RELEASE OF HOLD-OPEN ON ONE DOOR SHALL RELEASE ALL SUCH DOORS IN THE SAME SMOKE COMPARTMENT.	
<b>AUTOMATIC SPRINKLER SYSTEM</b>	407.7
NFPA 13 AUTOMATIC SPRINKLER SYSTEM REQUIRED. QUICK-RESPONSE AUTOMATIC SPRINKLERS REQUIRED THROUGH ALL SPACES WITHIN SMOKE COMPARTMENTS CONTAINING CARE RECIPIENT SLEEPING UNITS IN GROUP I-2 AND DWELLING AND SLEEPING UNITS IN GROUP I-1.	
<b>FIRE ALARM SYSTEM</b>	407.8
NFPA 72 FIRE ALARM SYSTEM REQUIRED. AUTOMATIC SMOKE DETECTION SYSTEM AND MANUAL FIRE ALARM THAT ACTIVATES OCCUPANT NOTIFICATION SYSTEM IS REQUIRED.	
<b>AUTOMATIC FIRE DETECTION</b>	407.10
REQUIRED IN SPACES PERMITTED TO BE OPEN TO THE CORRIDORS BY 407.2	
<b>ELECTRICAL SYSTEMS</b>	407.11
ESSENTIAL ELECTRICAL SYSTEM FOR ELECTRICAL COMPONENTS AND EQUIPMENT AND SYSTEMS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH CHAPTER 27 AND NFPA 99	
<b>CHAPTER 5 - GENERAL BUILDING HEIGHTS &amp; AREAS</b>	
<b>ALLOWABLE AREA: 71,250SF</b>	
$A_n = A_n + (NS \times l)$	
$A_n = 60,000 \text{ SF}$	
$NS = 15,000 \text{ SF}$	
$l = 0.75$	
$71,250 \text{ SF} = 60,000 + (15,000 \times 0.75)$	
ACTUAL AREA: 61,437SF	
<b>ALLOWABLE HEIGHT: 85 FEET (SPRINKLERED, I-2)</b>	
ACTUAL HEIGHT: 24'-6"	
<b>ALLOWABLE NUMBER OF STORIES: 3 STORIES</b>	
ACTUAL NUMBER OF STORIES: 1 STORY	
<b>INCIDENTAL USES</b>	
BOILER ROOM: 1-HOUR OR PROVIDE AUTOMATIC SPRINKLER SYSTEM	
LAUNDRY ROOMS OVER 100SF: 1-HOUR OR PROVIDE AUTOMATIC SPRINKLER SYSTEM	
PHYSICAL PLANT MAINTENANCE SHOPS: 1-HOUR	
WASTE & LINEN COLLECTION ROOMS: 1-HOUR	
STORAGE ROOMS OVER 100SF: 1-HOUR	

2021 INTERNATIONAL BUILDING CODE (IBC)

<b>CHAPTER 6 - TYPES OF CONSTRUCTION</b>	308.3
CONSTRUCTION TYPE: II-A	
FIRE RESISTANCE REQUIREMENTS	1-HOUR
PRIMARY STRUCTURE:	1-HOUR
BEARING WALLS:	1-HOUR
FLOOR CONSTRUCTION:	1-HOUR
ROOF CONSTRUCTION & ASSOCIATED SECONDARY MEMBERS:	1-HOUR
<b>CHAPTER 7 - FIRE &amp; SMOKE PROTECTION FEATURES</b>	
<b>2-HOUR FIRE BARRIER</b>	
OPENINGS:	90 MINUTES
<b>1-HOUR FIRE BARRIER</b>	
OPENINGS:	45 MINUTES
<b>SMOKE BARRIERS</b>	
OPENINGS:	45 MINUTES
CROSS CORRIDOR DOORS IN SMOKE BARRIERS:	20 MINUTES
<b>SMOKE PARTITIONS</b>	
OPENING:	NONE
<b>CHAPTER 8 - INTERIOR FINISHES</b>	
WALLS & CEILING:	
EXIT ENCLOSURES & EXIT PASSAGEWAYS/EXITS:	CLASS B
CORRIDORS/EXIT ACCESS:	CLASS B
ROOMS & ENCLOSED SPACES/OTHER SPACES:	CLASS B
FLOORS:	CLASS I OR II
<b>CHAPTER 9 - FIRE PROTECTION FEATURES</b>	
FIRE ALARM & DETECTION:	REQUIRED, NFPA 72
AUTOMATIC SPRINKLER SYSTEM:	REQUIRED, NFPA 13
PORTABLE FIRE EXTINGUISHERS:	REQUIRED, IFC 2021
<b>CHAPTER 10 - MEANS OF EGRESS</b>	
OCCUPANT LOAD:	
ASSEMBLY:	15 NET
BUSINESS:	150 GROSS
INSTITUTIONAL (SLEEPING):	120 GROSS
INSTITUTIONAL (TREATMENT):	240 GROSS
ACCESSORY STORAGE:	300 GROSS



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65% DESIGN DEVELOPMENT

PROVIDENCE VALDEZ MEDICAL CENTER  
LONG TERM CARE  
EXPANSION  
911 MEALS AVE, VALDEZ, ALASKA 99886

Revisions		
No.	Description	Date

Drawn by DAH	Date 10/14/2024
Checked Checker	Job No. 23042.01

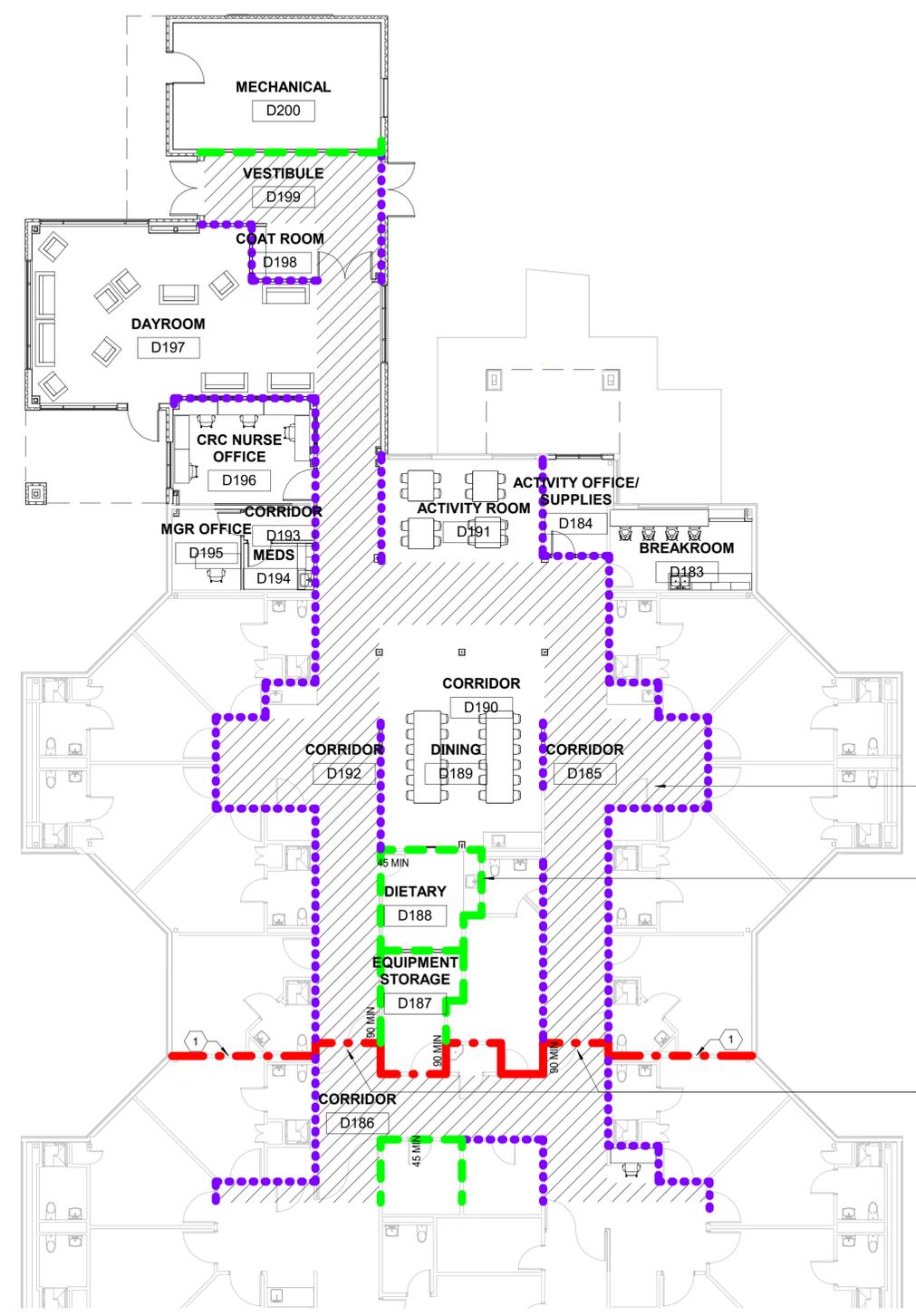
Sheet Contents  
CODE STUDY

Sheet No.  
**G1.02**

Autodesk Docs://23042.01 PVMC LTC Expansion/23042.01 PVMC LTC.rvt

Plot Date Time: 10/16/2024 10:26:23 PM

Autodesk Docs://23042.01/PMMC LTC Expansion/23042.01/PMMC LTC.rvt



SMOKE COMPARTMENT D  
EXISTING AREA: 6,850 SF  
NEW AREA: 2,590 SF  
TOTAL: 9,440 SF

1-HOUR FIRE BARRIERS

EXISTING DOORS TO BE PLACED ON MAGNETIC HOLD OPENS TO BE RELEASED ON FIRE ALARM

### LIFE SAFETY PLAN LEGEND

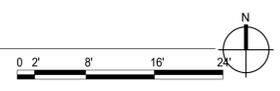
- SMOKE PARTITION
- — — — — 1-HOUR FIRE BARRIERS
- — — — — EXISTING 2-HOUR FIRE/SMOKE BARRIER
- 8' CORRIDOR/EGRESS PATH

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### LIFE SAFETY PLAN LEGEND NOTES

- ① EXISTING 2-HOUR FIRE/SMOKE BARRIER
- ② NEW DOUBLE EGRESS DOORS W/ ACCESS CONTROL. DELAYED EGRESS, RELEASE ON ALARM

**A1** LEVEL 1 LIFE SAFETY PLAN  
G1.03 3/32" = 1'-0"



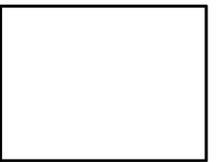
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Revisions		
No.	Description	Date

Drawn by DAH	Date 10/4/2024
Checked DAH	Job No. 23042.01

Sheet Contents  
LIFE SAFETY PLAN

Sheet No.  
**G1.03**



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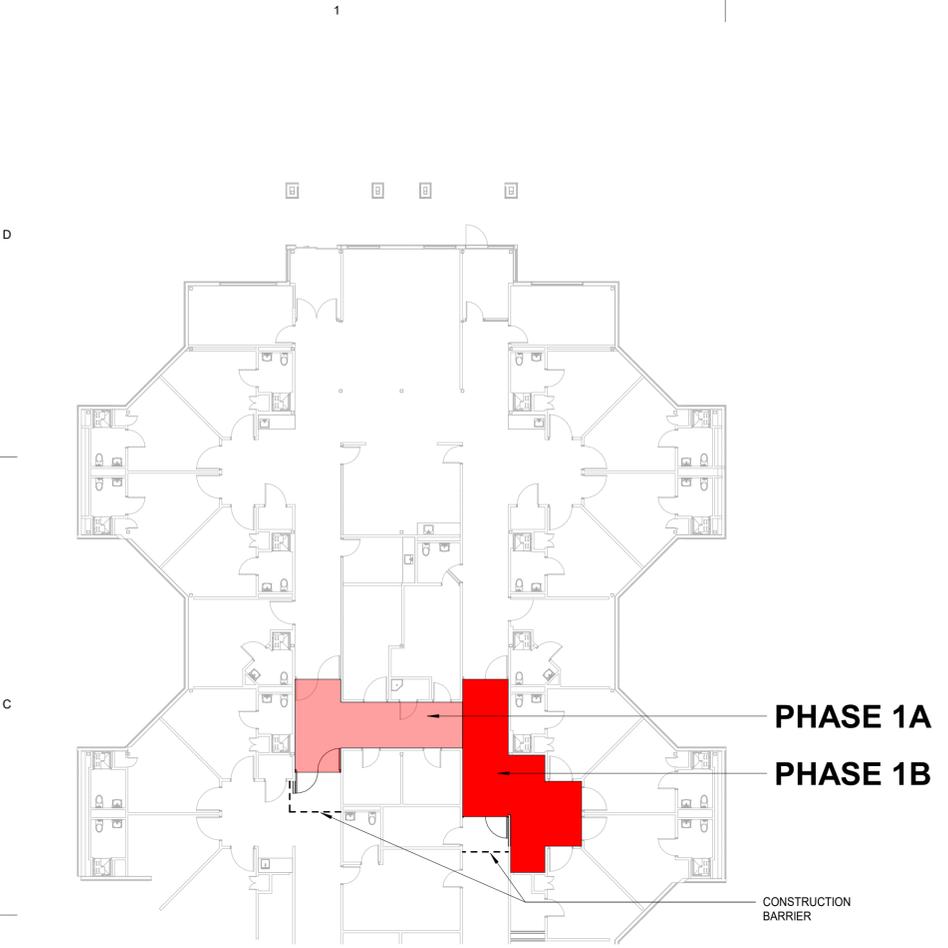
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Revisions		
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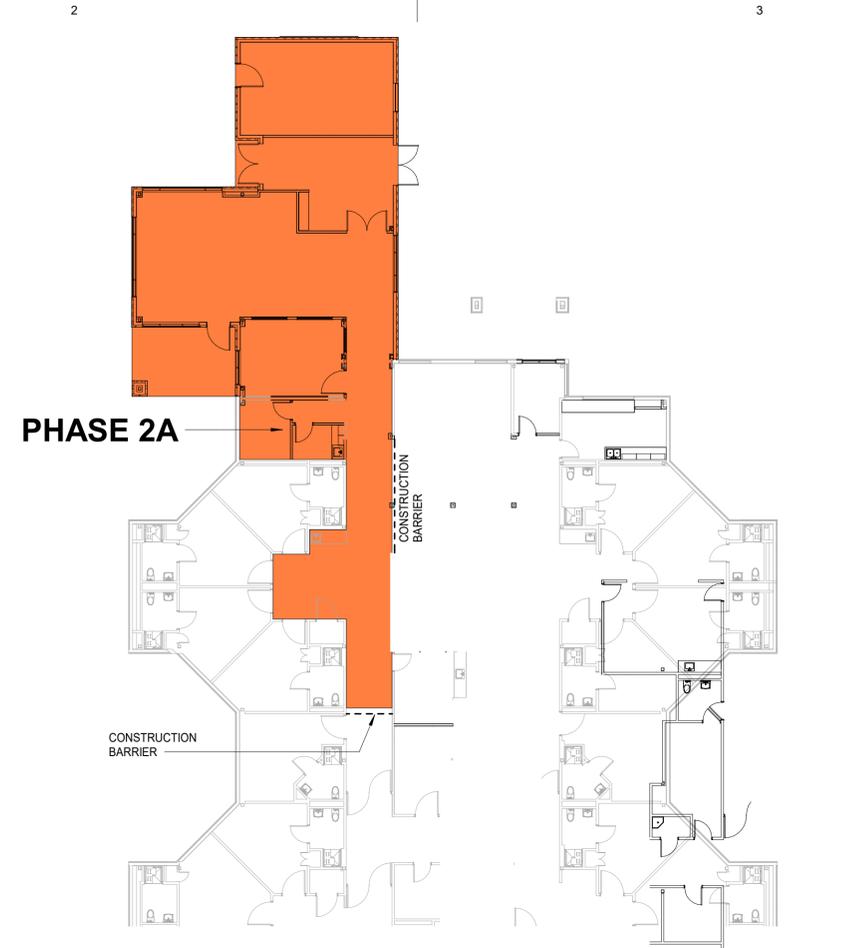
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Sheet Contents  
PHASING PLANS

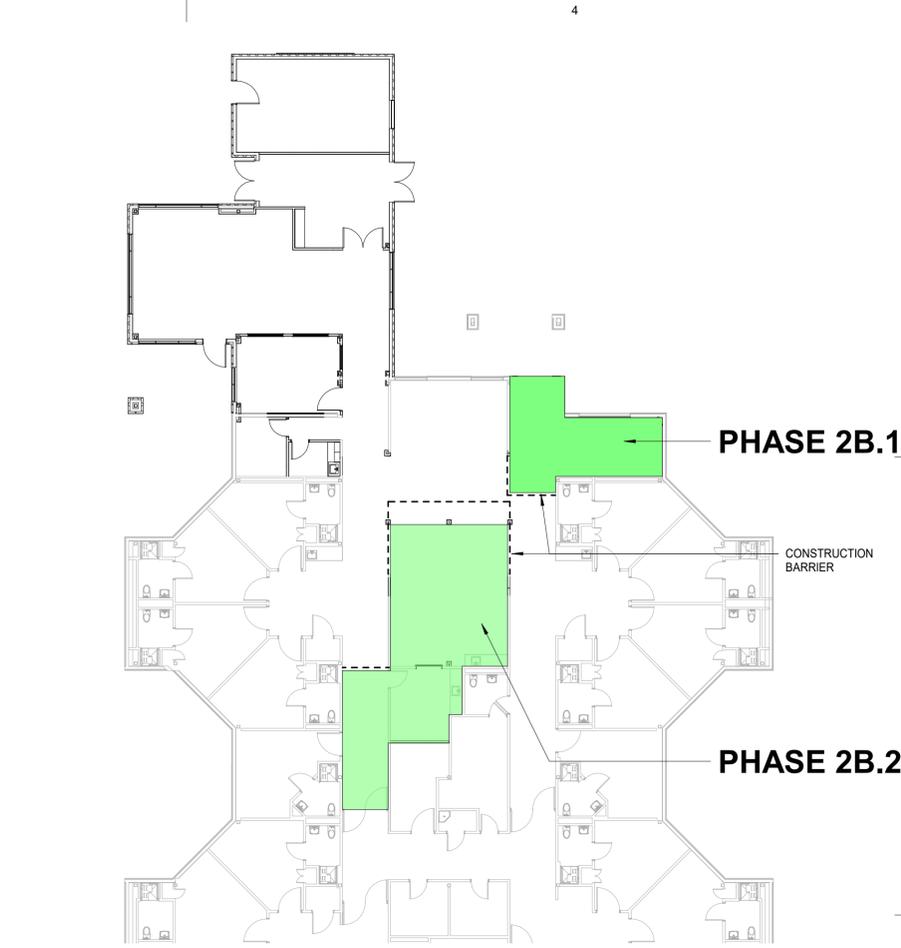
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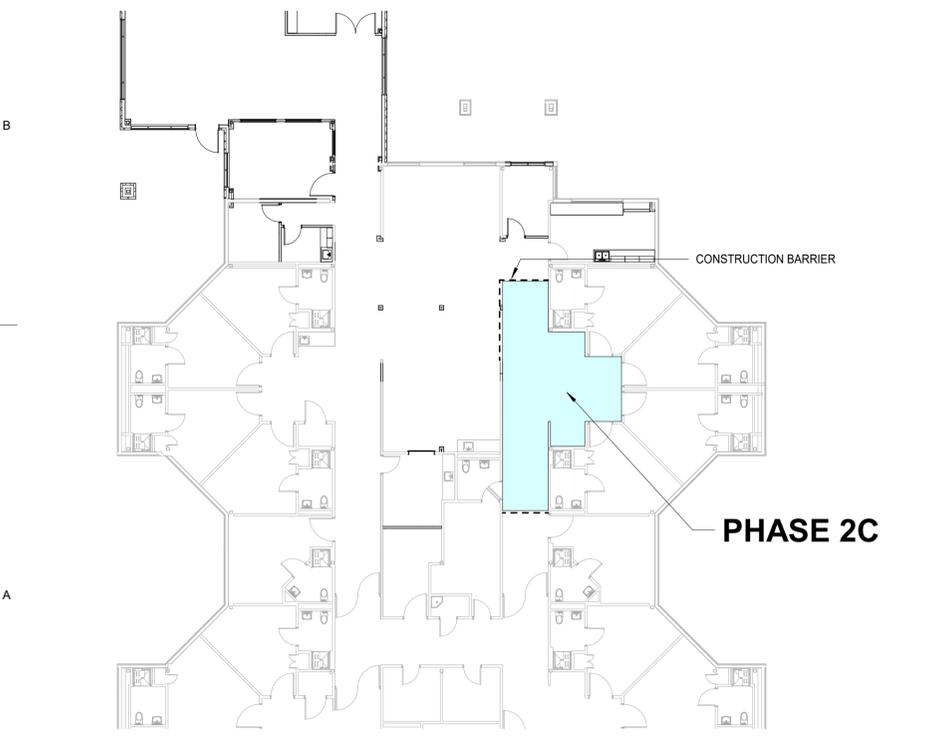
C1  
G2.01 PHASE 1 PLAN  
1/16" = 1'-0"



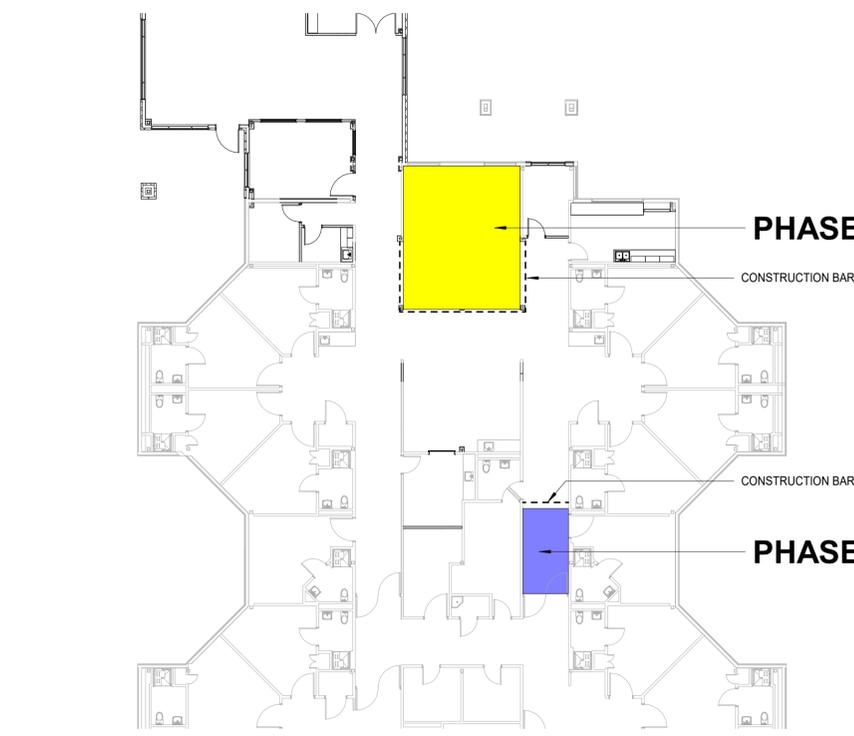
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G2.01 PHASE 2A PLAN  
1/16" = 1'-0"



A1  
G2.01 PHASE 2B PLAN  
1/16" = 1'-0"



A3  
G2.01 PHASE 2C PLAN  
1/16" = 1'-0"



1  
G2.01 PHASE 2D/2E PLAN  
1/16" = 1'-0"

**PHASING NARRATIVE**

**GENERAL NOTES**

- PHASING SHOWN FOR PRELIMINARY PLANNING PURPOSES ONLY.
- WORK MAY EXTEND OUTSIDE OF PHASED AREA SHOWN (I.E. ELECTRICAL AND MECHANICAL).
- CONTRACTOR RESPONSIBLE FOR DEVELOPMENT OF DETAILED PHASING AND DISRUPTION PLAN FOR THE PROJECT.
- CONTRACTOR TO COMPLY WITH OWNER'S REQUIREMENT FOR INTERIM LIFE SAFETY AND INFECTION PREVENTION MEASURES.
- EGRESS SHALL BE MAINTAINED, CORRIDORS MAY BE REDUCED TO NO LESS THAN 5 FEET DURING CONSTRUCTION

**PHASE 1 - EXPAND LTC INTO ACUTE CARE**

- PHASE 1: VESTIBULE D184 CONVERTED TO MAIN ENTRY
- PHASE 1A: INSTALL DOUBLE DOORS, REPLACE INTERIOR FINISHES
- PHASE 1B: INSTALL DOUBLE DOORS, PARTITION, CASEWORK, REPLACE INTERIOR FINISHES. RELOCATE 4 RESIDENTS.

**PHASE 2A - BUILDING ADDITION, REMODEL CORRIDOR 192**

- PHASE 2A: CONSTRUCT ADDITION AND TAKE OVER CORRIDOR 192 FOR REMODEL AND TIE-INS. RELOCATE 1 RESIDENT.

**PHASE 2B - DINING ROOM REMODEL**

- PHASE 2B.1: BUILD OUT BREAK ROOM TO SERVE AS TEMPORARY NUTRITION ROOM. TEMPORARILY RELOCATE DINING ROOM TO ACTIVITY ROOM
- PHASE 2B.2: REMODEL DINING ROOM, NUTRITION ROOM, AND CORRIDOR. RELOCATE 1 RESIDENT

**PHASE 2C - REMODEL CORRIDOR 185**

- PHASE 2C: REPLACE FINISHES IN CORRIDOR 185 AND ALCOVE. RELOCATE 4 RESIDENTS

**PHASE 2D - REMODEL CORRIDOR REMAINDER OF CORRIDOR 185**

- PHASE 2D - REMODEL REMAINDER OF CORRIDOR 185. RELOCATE 1 RESIDENT

**PHASE 2E - REMODEL DAY ROOM**

- PHASE 2E - REMODEL DAYROOM

**SURVEY NOTES**

**HORIZONTAL CONTROL**  
 COORDINATES ARE BASED ON AN ASSUMED DATUM IN U.S. FEET. BEARINGS ARE BASED ON THE PLAT OF MEDICAL PARK, FILED AS PLAT NO. 2006-2 IN THE VALDEZ RECORDING DISTRICT, THIRD JUDICIAL DISTRICT, STATE OF ALASKA.

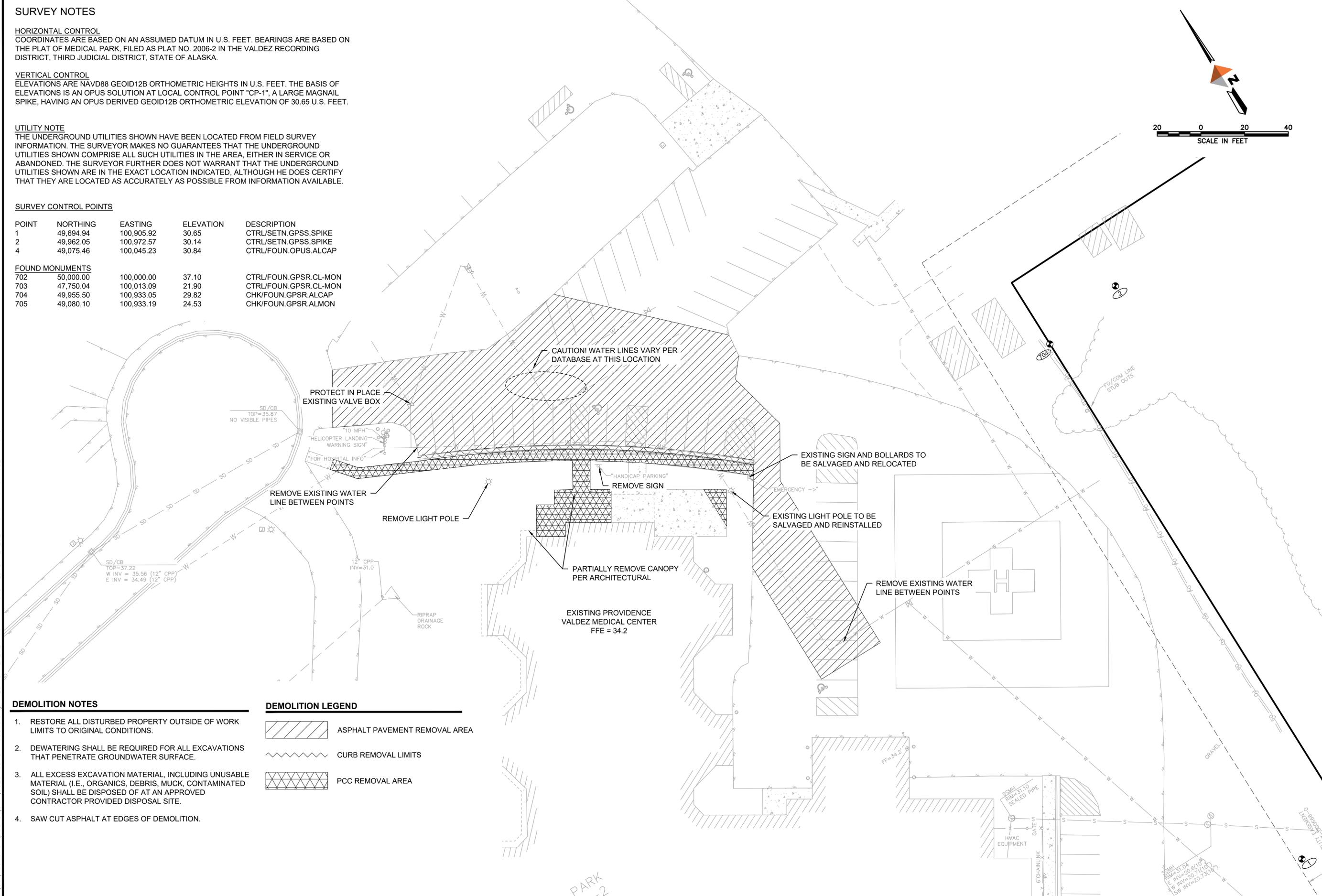
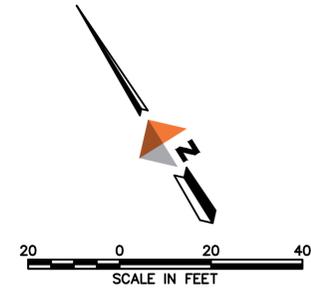
**VERTICAL CONTROL**  
 ELEVATIONS ARE NAVD88 GEOID12B ORTHOMETRIC HEIGHTS IN U.S. FEET. THE BASIS OF ELEVATIONS IS AN OPUS SOLUTION AT LOCAL CONTROL POINT "CP-1", A LARGE MAGNAIL SPIKE, HAVING AN OPUS DERIVED GEOID12B ORTHOMETRIC ELEVATION OF 30.65 U.S. FEET.

**UTILITY NOTE**  
 THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.

**SURVEY CONTROL POINTS**

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	49,694.94	100,905.92	30.65	CTRL/SETN.GPSS.SPIKE
2	49,962.05	100,972.57	30.14	CTRL/SETN.GPSS.SPIKE
4	49,075.46	100,045.23	30.84	CTRL/FOUN.OPUS.ALCAP

FOUND MONUMENTS	NORTHING	EASTING	ELEVATION	DESCRIPTION
702	50,000.00	100,000.00	37.10	CTRL/FOUN.GPSR.CL-MON
703	47,750.04	100,013.09	21.90	CTRL/FOUN.GPSR.CL-MON
704	49,955.50	100,933.05	29.82	CHK/FOUN.GPSR.ALCAP
705	49,080.10	100,933.19	24.53	CHK/FOUN.GPSR.ALMON



**DEMOLITION NOTES**

- RESTORE ALL DISTURBED PROPERTY OUTSIDE OF WORK LIMITS TO ORIGINAL CONDITIONS.
- DEWATERING SHALL BE REQUIRED FOR ALL EXCAVATIONS THAT PENETRATE GROUNDWATER SURFACE.
- ALL EXCESS EXCAVATION MATERIAL, INCLUDING UNUSABLE MATERIAL (I.E., ORGANICS, DEBRIS, MUCK, CONTAMINATED SOIL) SHALL BE DISPOSED OF AT AN APPROVED CONTRACTOR PROVIDED DISPOSAL SITE.
- SAW CUT ASPHALT AT EDGES OF DEMOLITION.

**DEMOLITION LEGEND**

- ASPHALT PAVEMENT REMOVAL AREA
- CURB REMOVAL LIMITS
- PCC REMOVAL AREA

REV	DATE	DESCRIPTION	BY

65%

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 LONG TERM CARE ADDITION  
**DEMO SHEET**  
 911 MEALS AVENUE  
 VALDEZ, ALASKA 99686

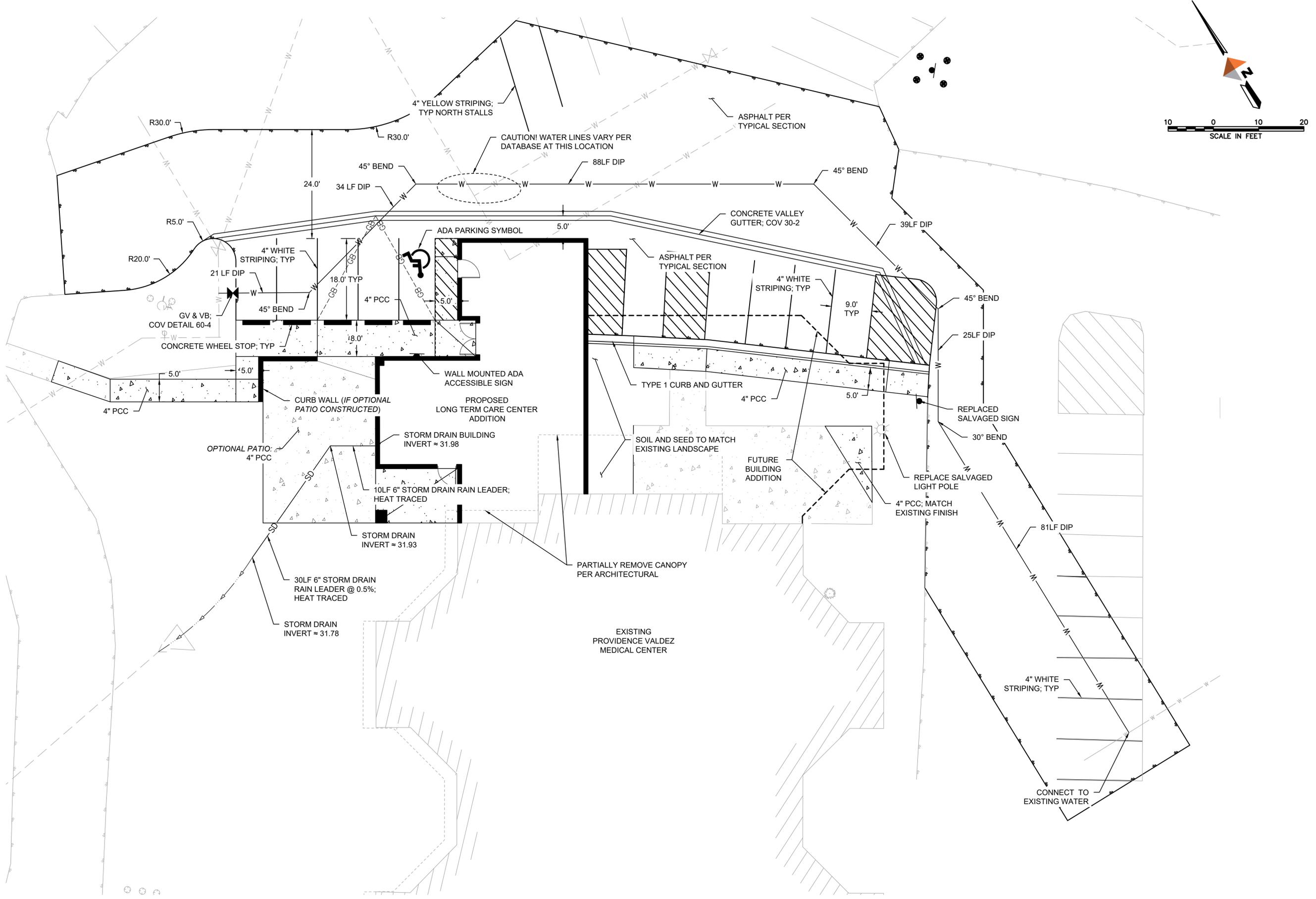
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 DATE 10/4/2024

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 SHEET

**C2.0**

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**PROVIDENCE VALDEZ MEDICAL CENTER  
LONG TERM CARE ADDITION  
SITE LAYOUT**

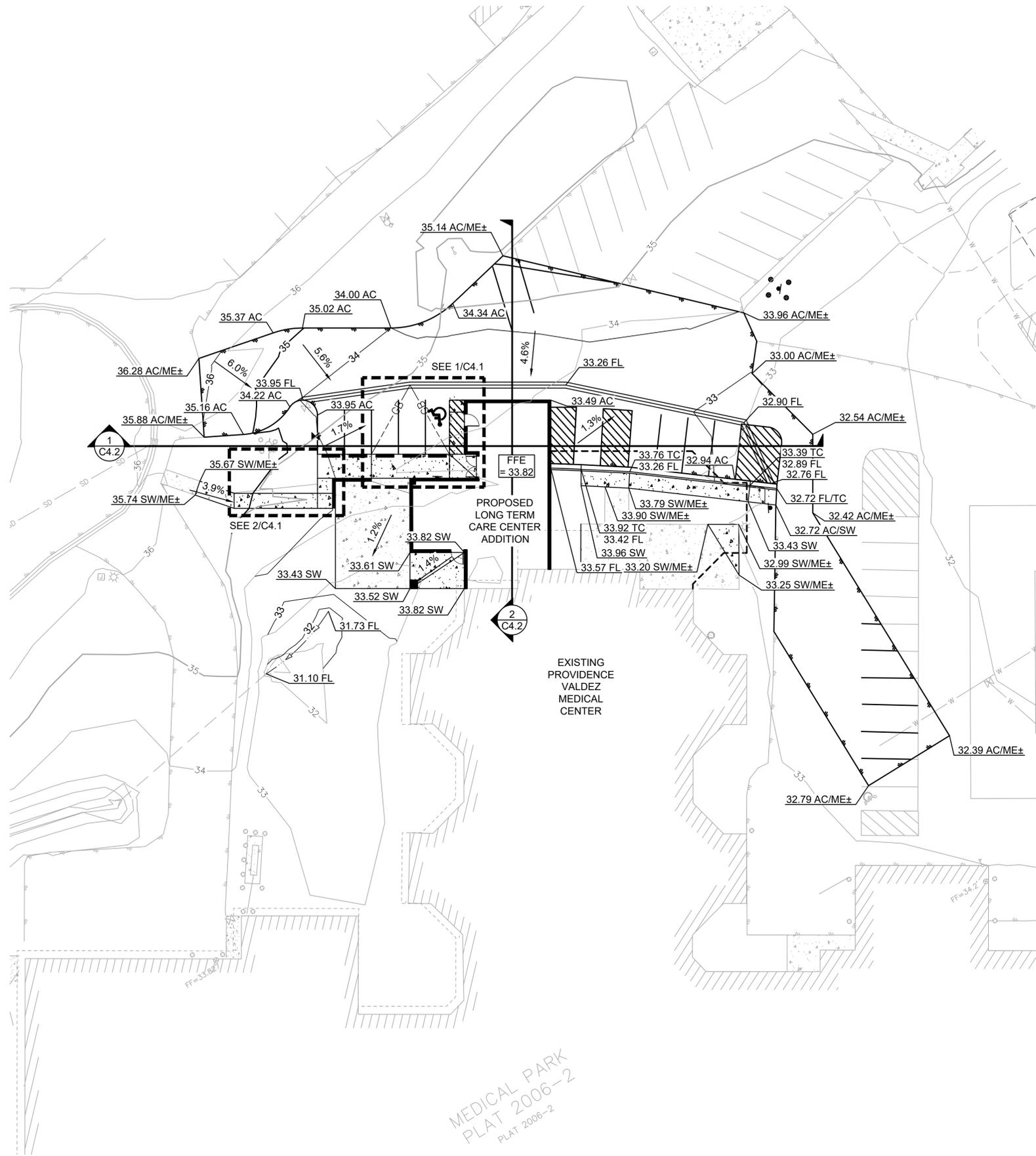
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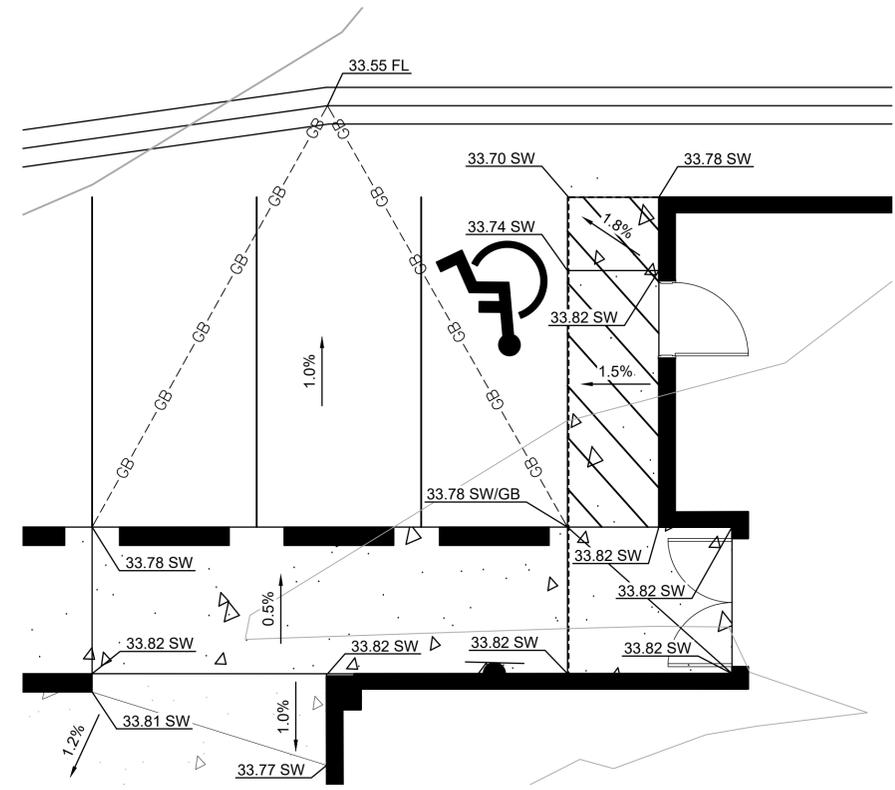
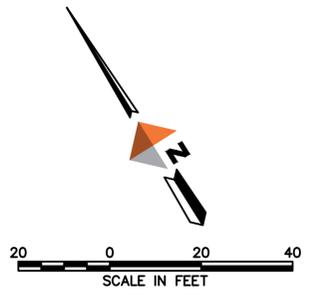
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SHEET

C3.0

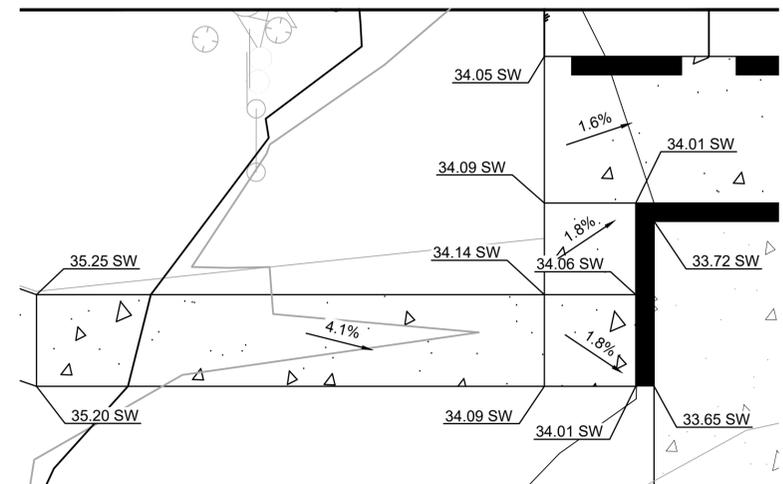
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MEDICAL PARK  
PLAT 2006-2  
PLAT 2006-2



1  
C4.1  
MAIN ENTRY  
SCALE 1"=5'



2  
C4.1  
WEST SIDEWALK  
SCALE 1"=5'

REV	DATE	DESCRIPTION	BY

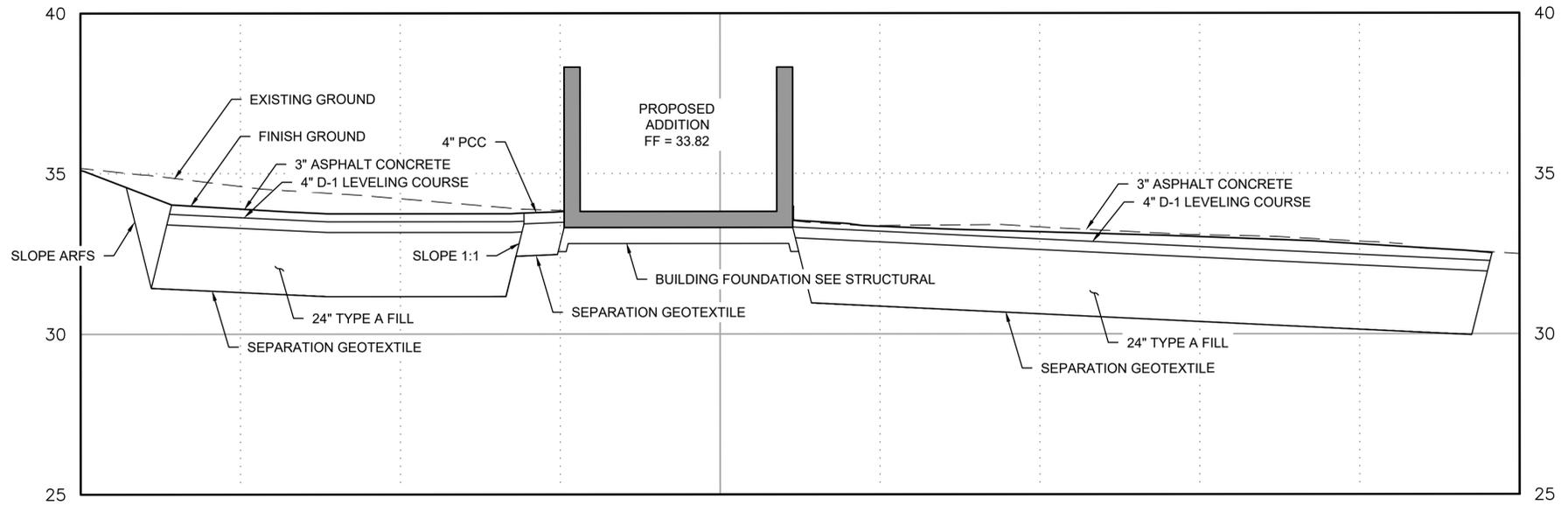
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PROVIDENCE VALDEZ MEDICAL CENTER  
LONG TERM CARE ADDITION  
**SITE GRADING**

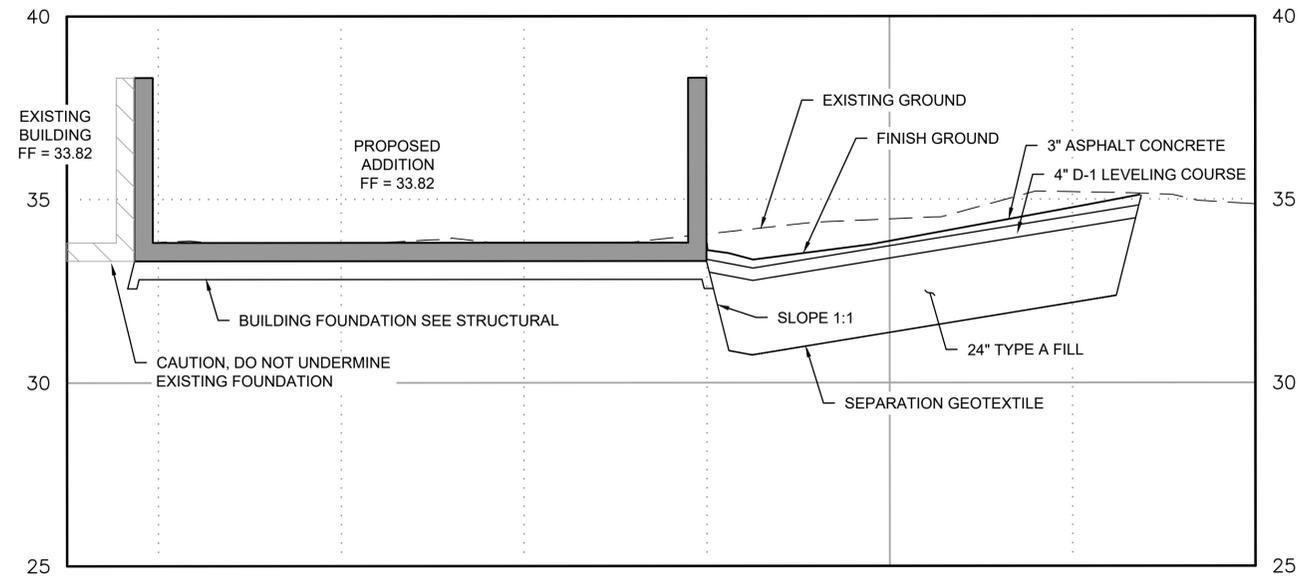
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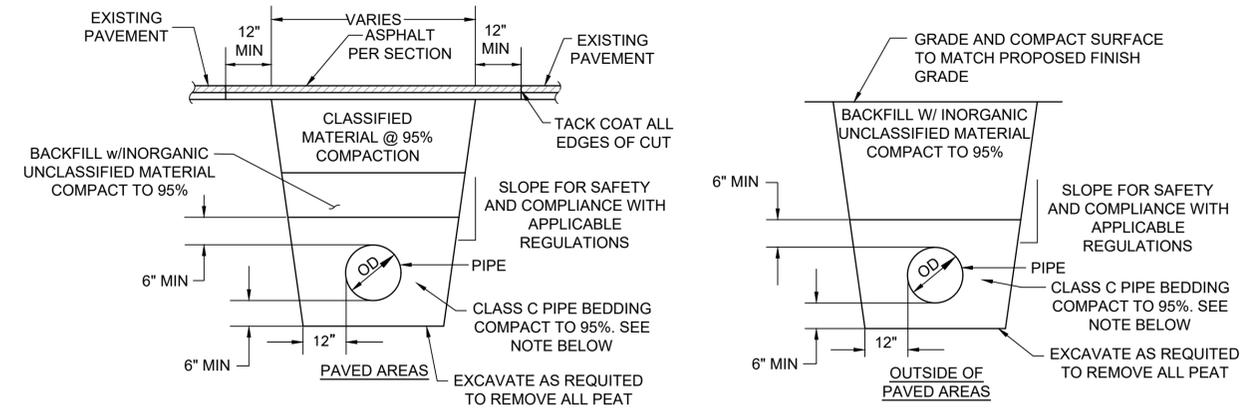
C4.1



1  
C4.2 TYPICAL SECTION  
NTS



2  
C4.2 TYPICAL SECTION  
NTS



- NOTES:
1. PIPE BEDDING TO SPRING LINE ONLY FOR ALL DUCTILE IRON PIPE.
  2. SHOULD INSULATION BE PRESENT IN THE ROAD SECTION, REPLACE ALL REMOVED INSULATION WITH MATCHING THICKNESS AND KIND.
  3. SUBGRADE SHALL BE FREE OF DEBRIS AND ORGANIC MATERIAL.

3  
C4.2 TYPICAL UTILITY TRENCH SECTIONS  
NTS

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TYPICAL SECTIONS  
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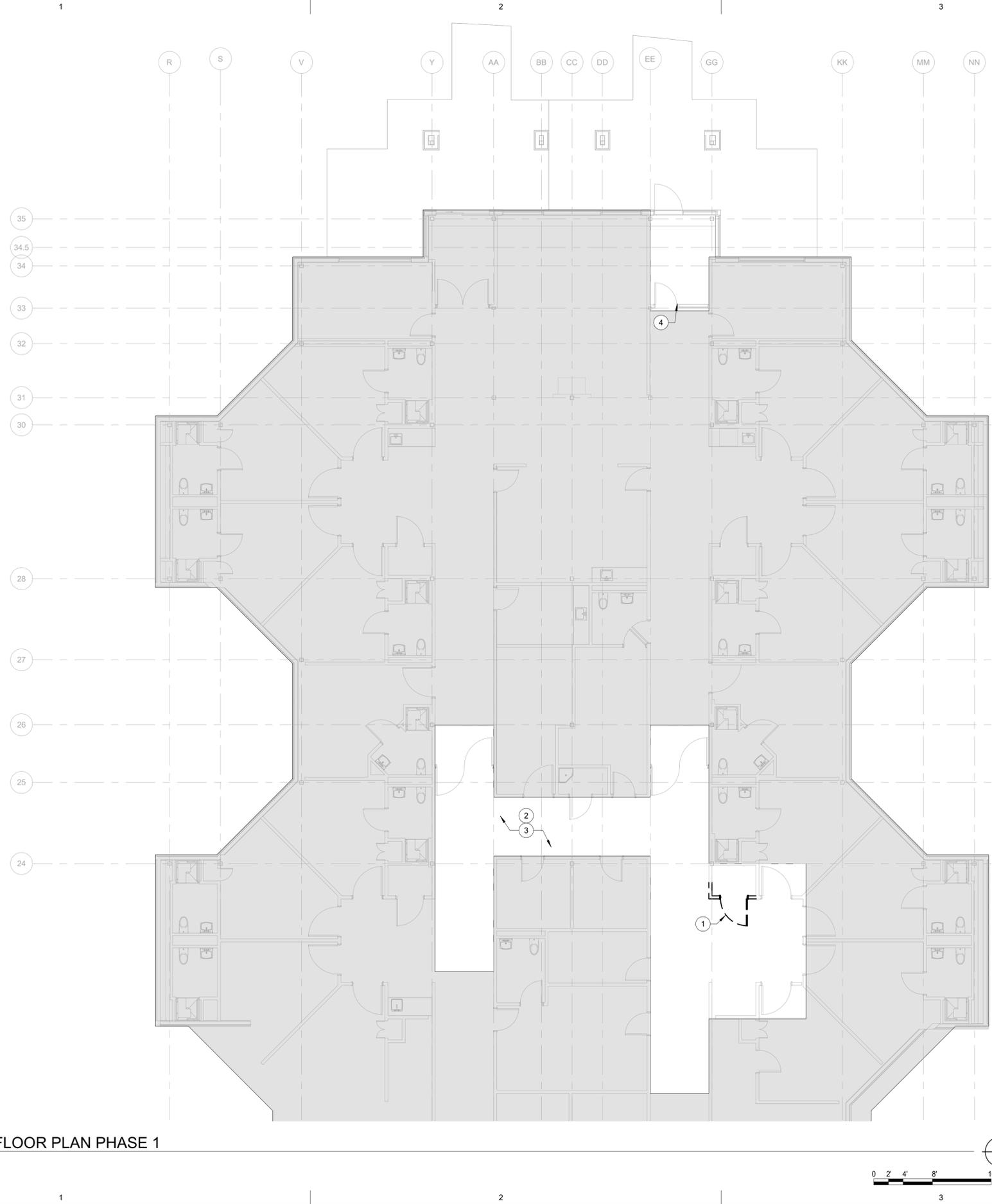
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C4.2

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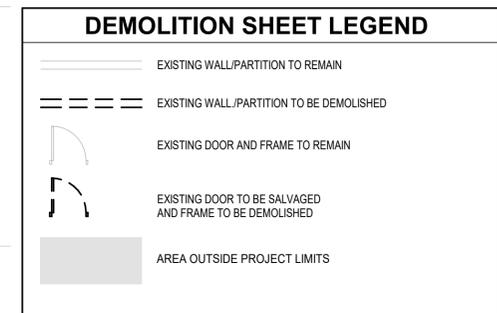
### DEMOLITION NOTES

**SELECTIVE DEMOLITION:**

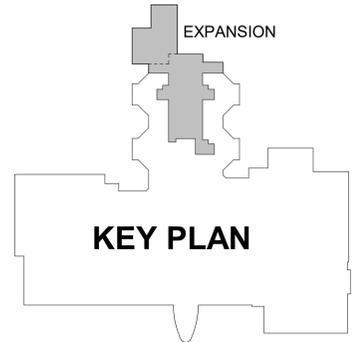
- OWNER SHALL REMOVE PERSONAL ITEMS, COMPUTERS, EQUIPMENT AND ARTWORK.
- UNLESS OTHERWISE INDICATED, DEMOLITION WASTE BECOMES PROPERTY OF THE CONTRACTOR.
- ITEMS OF INTEREST OR VALUE THAT ARE UNCOVERED DURING DEMOLITION BECOME THE PROPERTY OF THE OWNER.
- COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE BEGINNING SELECTIVE DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
- USE REPAIR MATERIALS IDENTICAL TO EXISTING MATERIALS WHEREVER POSSIBLE. IF IDENTICAL MATERIALS ARE NOT AVAILABLE, USE MATERIALS THAT VISUALLY MATCH EXISTING ADJACENT SURFACES AND ARE EQUAL OR SUPERIOR IN PERFORMANCE.
- BEFORE STARTING SELECTIVE DEMOLITION, LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP OFF INDICATED UTILITY SERVICES AND MECHANICAL ELECTRICAL SYSTEMS SERVING AREAS TO BE SELECTIVELY DEMOLISHED.
- NOTIFY DESIGNER OF UNANTICIPATED MECHANICAL, ELECTRICAL OR STRUCTURAL ELEMENTS THAT CONFLICT WITH INTENDED FUNCTION OR DESIGN.
- RECORD EXISTING CONDITIONS BY USE OF PRECONSTRUCTION PHOTOGRAPHS.
- MAINTAIN SERVICES/SYSTEMS INDICATED TO REMAIN AND PROTECT THEM AGAINST DAMAGE.
- OWNER WILL ARRANGE TO SHUT OFF INDICATED SERVICES/SYSTEMS WHEN REQUESTED BY CONTRACTOR.
- CONDUCT SELECTIVE DEMOLITION AND DEBRIS-REMOVAL OPERATIONS TO ENSURE NO INTERFERENCE WITH ROADS, STREETS, WALKS, WALKWAYS AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
- PROVIDE TEMPORARY BARRICADES AND OTHER PROTECTION REQUIRED TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN.
- PROTECT WALLS, CEILINGS FLOORS AND OTHER EXISTING FINISH WORK THAT ARE TO REMAIN OR THAT ARE EXPOSED DURING SELECTIVE DEMOLITION OPERATIONS. COVER AND PROTECT FURNITURE AND EQUIPMENT THAT HAVE NOT BEEN REMOVED.
- DEMOLISH AND REMOVE EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION AND AS INDICATED. USE METHODS REQUIRED TO COMPLETE THE WORK WITHIN LIMITATIONS OF GOVERNING REGULATIONS.
- DEMOLITION - DEMOLITION DRAWINGS ARE BASED ON DESIGN DRAWINGS AND A NON DESTRUCTIVE WALK THROUGH OF THE FACILITY. REPORT DISCREPANCIES TO OWNER BEFORE DISTURBING THE EXISTING INSTALLATION. REMOVE, RELOCATE AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION. REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION AND EXTENSION WORK.
- HAZARDOUS MATERIAL REMEDIATION:**  
IT IS NOT ANTICIPATED THAT THERE WILL BE ANY HAZARDOUS MATERIALS

**DEFINITIONS:**

- ALIGN TO ACCURATELY LOCATE FINISHED FACES IN THE SAME PLANE.
- DISPOSAL: TO REMOVE FROM THE SITE AND DISPOSE OF IN A LEGAL MANNER.
- PROTECT: PROTECT ITEMS TO REMAIN AGAINST DAMAGE OR DEGRADATION DURING DEMOLITION AND CONSTRUCTION.
- REINSTALL: TO INSTALL A SALVAGED ITEM IN ITS ORIGINAL LOCATION.
- RELOCATE: TO INSTALL A SALVAGED ITEM IN A NEW LOCATION.
- REMOVE (OR DEMO OR DEMOLISH): TO SELECTIVELY DISMANTLE AND REMOVE THE MATERIAL, EQUIPMENT OR STRUCTURE. THESE MATERIALS ARE TO BE DISPOSED OF OFF SITE BY THE CONTRACTOR.
- RESTORE IN PLACE: TO REWORK, REPAIR, OR REPAIR BY REPLACING MISSING ELEMENTS AND TO THEN REFINISH TO ORIGINAL APPEARANCE AND OPERATION.
- SALVAGE: TO CAREFULLY REMOVE AND PROTECT AN OBJECT FOR EITHER REUSE IN THE PROJECT OR TO DELIVER TO THE OWNER FOR OTHER USE



- ### DEMOLITION SHEET NOTES
- SALVAGE EXISTING INTERIOR DOOR, DOOR FRAME AND HARDWARE.
  - REMOVE EXISTING VINYL WALL COVERING, BUMPER RAILS, HANDRAILS, CORNERGUARDS.
  - REMOVE EXISTING FLOORING AND BASE
  - INSTALL BADGE READER, WANDERGUARD, AND AUTOMATIC OPENER TO EXISTING DOOR



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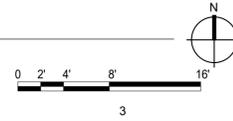
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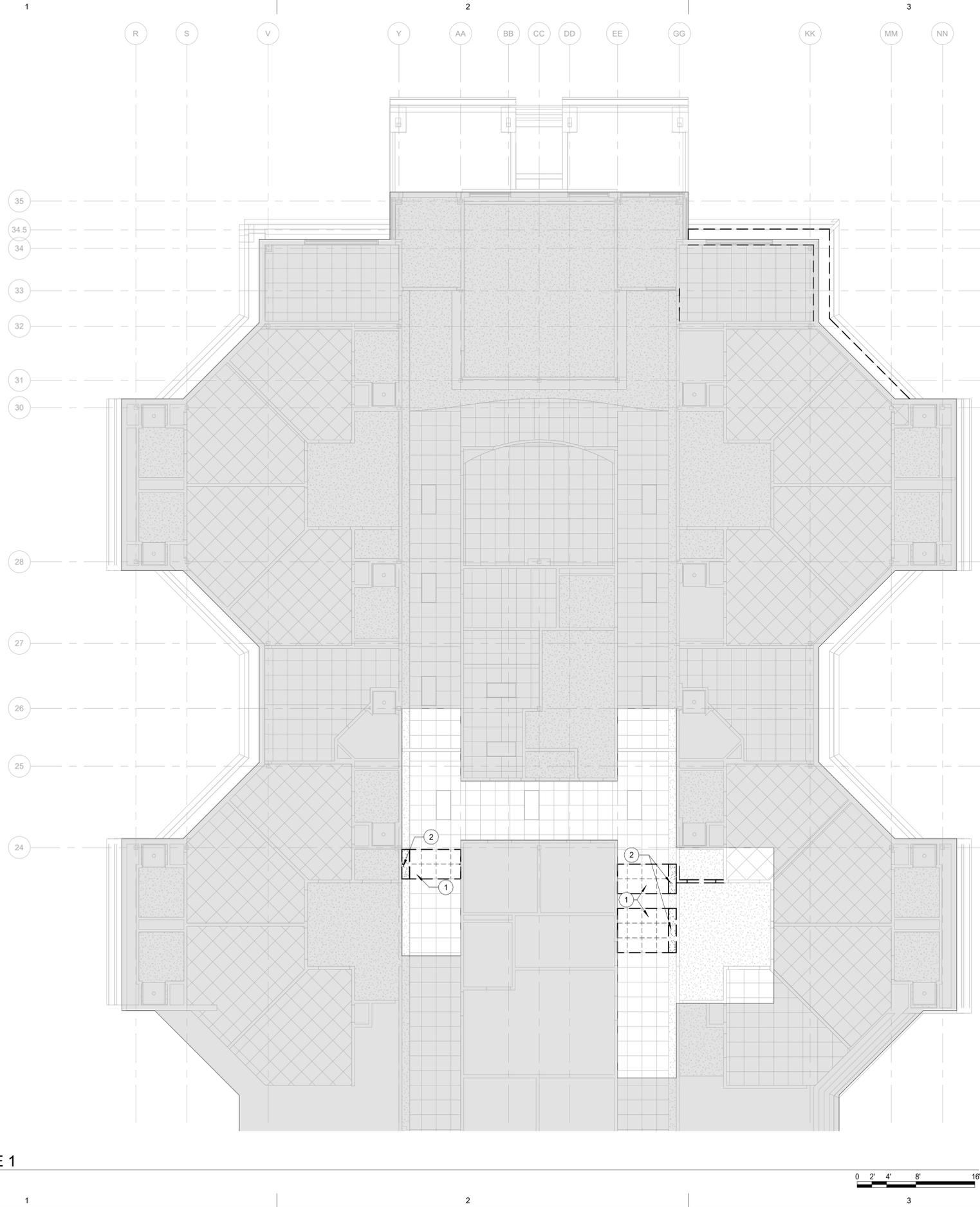
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DEMOLITION FLOOR PLAN PHASE 1

Sheet No.  
**D1.01**

**A1** DEMOLITION FLOOR PLAN PHASE 1  
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### DEMOLITION NOTES

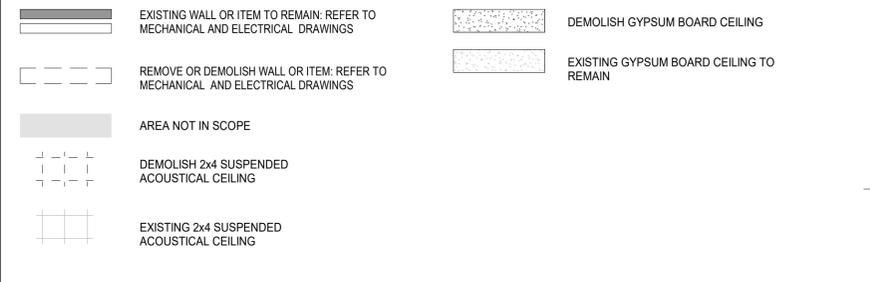
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2. UNLESS OTHERWISE INDICATED, DEMOLITION WASTE BECOMES PROPERTY OF THE CONTRACTOR.
3. ITEMS OF INTEREST OR VALUE THAT ARE UNCOVERED DURING DEMOLITION BECOME THE PROPERTY OF THE OWNER.
4. COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE BEGINNING SELECTIVE DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
5. USE REPAIR MATERIALS IDENTICAL TO EXISTING MATERIALS WHEREVER POSSIBLE. IF IDENTICAL MATERIALS ARE NOT AVAILABLE, USE MATERIALS THAT VISUALLY MATCH EXISTING ADJACENT SURFACES AND ARE EQUAL OR SUPERIOR IN PERFORMANCE.
6. BEFORE STARTING SELECTIVE DEMOLITION, LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP OFF INDICATED UTILITY SERVICES AND MECHANICAL ELECTRICAL SYSTEMS SERVING AREAS TO BE SELECTIVELY DEMOLISHED.
7. NOTIFY DESIGNER OF UNANTICIPATED MECHANICAL, ELECTRICAL OR STRUCTURAL ELEMENTS THAT CONFLICT WITH INTENDED FUNCTION OR DESIGN.
8. RECORD EXISTING CONDITIONS BY USE OF PRECONSTRUCTION PHOTOGRAPHS.
9. MAINTAIN SERVICES/SYSTEMS INDICATED TO REMAIN AND PROTECT THEM AGAINST DAMAGE.
10. OWNER WILL ARRANGE TO SHUT OFF INDICATED SERVICES/SYSTEMS WHEN REQUESTED BY CONTRACTOR.
11. CONDUCT SELECTIVE DEMOLITION AND DEBRIS-REMOVAL OPERATIONS TO ENSURE NO INTERFERENCE WITH ROADS, STREETS, WALKS, WALKWAYS AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
12. PROVIDE TEMPORARY BARRICADES AND OTHER PROTECTION REQUIRED TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN.
13. PROTECT WALLS, CEILINGS FLOORS AND OTHER EXISTING FINISH WORK THAT ARE TO REMAIN OR THAT ARE EXPOSED DURING SELECTIVE DEMOLITION OPERATIONS. COVER AND PROTECT FURNITURE AND EQUIPMENT THAT HAVE NOT BEEN REMOVED.
14. DEMOLISH AND REMOVE EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION AND AS INDICATED. USE METHODS REQUIRED TO COMPLETE THE WORK WITHIN LIMITATIONS OF GOVERNING REGULATIONS.
15. DEMOLITION - DEMOLITION DRAWINGS ARE BASED ON DESIGN DRAWINGS AND A NON DESTRUCTIVE WALK THROUGH OF THE FACILITY. REPORT DISCREPANCIES TO OWNER BEFORE DISTURBING THE EXISTING INSTALLATION. REMOVE, RELOCATE AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION. REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION AND EXTENSION WORK.
16. **HAZARDOUS MATERIAL REMEDIATION:**  
IT IS NOT ANTICIPATED THAT THERE WILL BE ANY HAZARDOUS MATERIALS

**DEFINITIONS:**

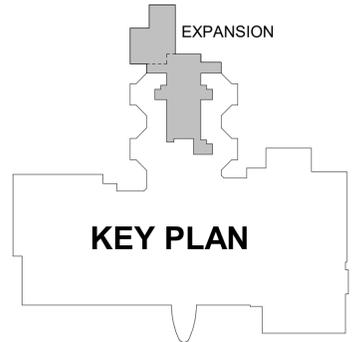
1. **ALIGN:** TO ACCURATELY LOCATE FINISHED FACES IN THE SAME PLANE.
2. **DISPOSAL:** TO REMOVE FROM THE SITE AND DISPOSE OF IN A LEGAL MANNER.
3. **PROTECT:** PROTECT ITEMS TO REMAIN AGAINST DAMAGE OR DEGRADATION DURING DEMOLITION AND CONSTRUCTION.
4. **REINSTALL:** TO INSTALL A SALVAGED ITEM IN ITS ORIGINAL LOCATION.
5. **RELOCATE:** TO INSTALL A SALVAGED ITEM IN A NEW LOCATION.
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8. **SALVAGE:** TO CAREFULLY REMOVE AND PROTECT AN OBJECT FOR EITHER REUSE IN THE PROJECT OR TO DELIVER TO THE OWNER FOR OTHER USE

### DEMOLITION REFLECTED CEILING PLAN LEGEND



### DEMOLITION PLAN KEY NOTES

1. REMOVE EXISTING LAY-IN CEILING TILE AND GRID AS REQUIRED FOR NEW WALL, FRAME AND DOOR.
2. REMOVE A PORTION OF LIGHT COVE AND LIGHT FIXTURE AS REQUIRED FOR NEW WALL, FRAME AND DOOR: REFER TO MECHANICAL AND ELECTRICAL DRAWINGS.



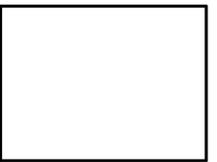
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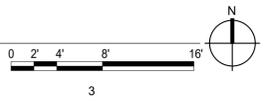
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DEMOLITION REFLECTED CEILING PLAN PHASE 1

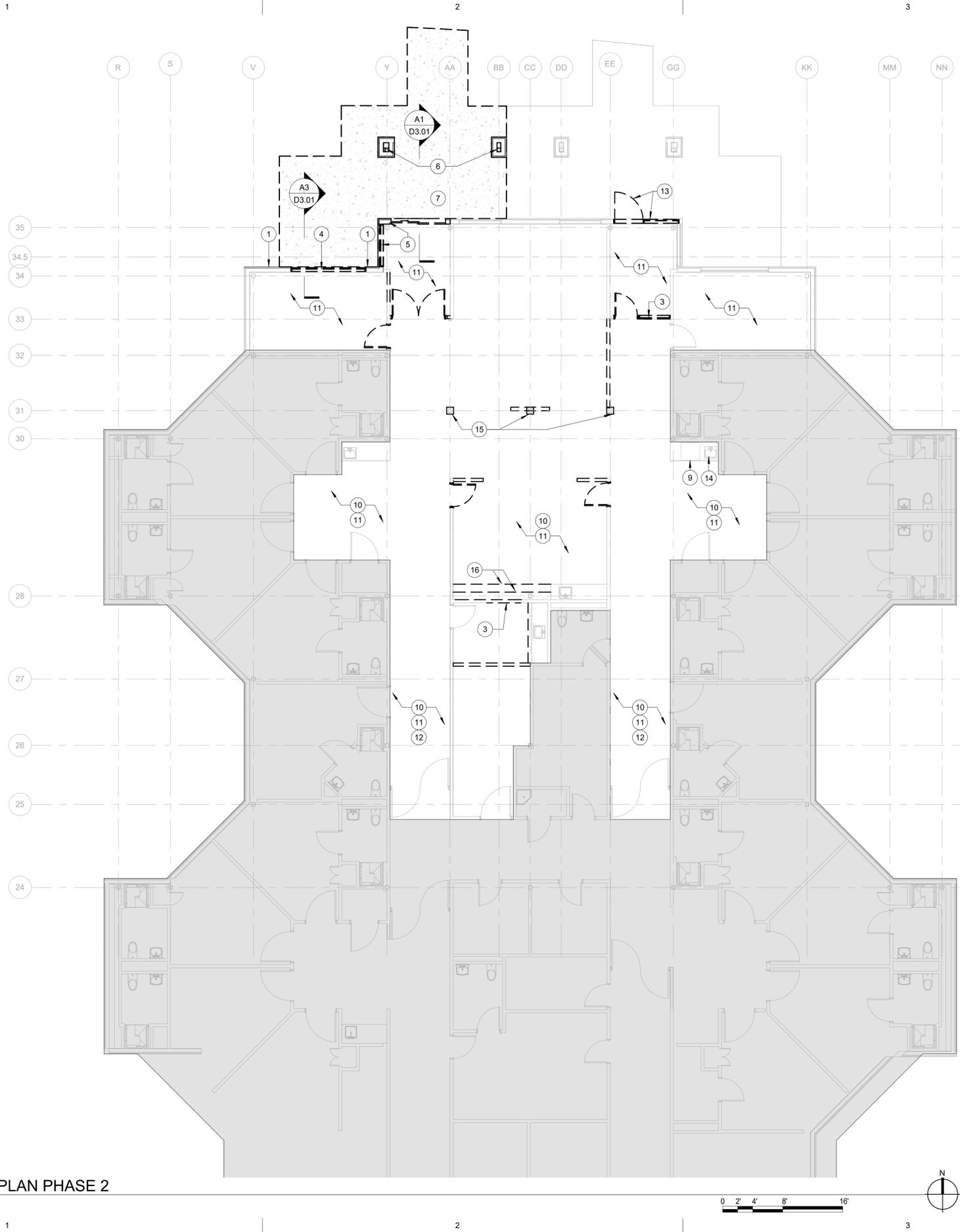
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A1 DEMO RCP PHASE 1  
D1.02 1/8" = 1'-0"



Plot Date Time: 10/16/2024 10:25:58 PM

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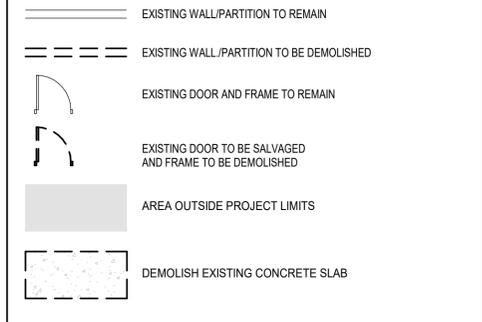


### DEMOLITION NOTES

**SELECTIVE DEMOLITION:**  
 1. OWNER SHALL REMOVE PERSONAL ITEMS, COMPUTERS, EQUIPMENT AND ARTWORK.  
 2. UNLESS OTHERWISE INDICATED, DEMOLITION WASTE BECOMES PROPERTY OF THE CONTRACTOR.  
 3. ITEMS OF INTEREST OR VALUE THAT ARE UNCOVERED DURING DEMOLITION BECOME THE PROPERTY OF THE OWNER.  
 4. COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE BEGINNING SELECTIVE DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.  
 5. USE REPAIR MATERIALS IDENTICAL TO EXISTING MATERIALS WHEREVER POSSIBLE. IF IDENTICAL MATERIALS ARE NOT AVAILABLE, USE MATERIALS THAT VISUALLY MATCH EXISTING ADJACENT SURFACES AND ARE EQUAL OR SUPERIOR IN PERFORMANCE.  
 6. BEFORE STARTING SELECTIVE DEMOLITION, LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP OFF INDICATED UTILITY SERVICES AND MECHANICAL ELECTRICAL SYSTEMS SERVING AREAS TO BE SELECTIVELY DEMOLISHED.  
 7. NOTIFY DESIGNER OF UNANTICIPATED MECHANICAL, ELECTRICAL OR STRUCTURAL ELEMENTS THAT CONFLICT WITH INTENDED FUNCTION OR DESIGN.  
 8. RECORD EXISTING CONDITIONS BY USE OF PRECONSTRUCTION PHOTOGRAPHS.  
 9. MAINTAIN SERVICES/SYSTEMS INDICATED TO REMAIN AND PROTECT THEM AGAINST DAMAGE.  
 10. OWNER WILL ARRANGE TO SHUT OFF INDICATED SERVICES/SYSTEMS WHEN REQUESTED BY CONTRACTOR.  
 11. CONDUCT SELECTIVE DEMOLITION AND DEBRIS-REMOVAL OPERATIONS TO ENSURE NO INTERFERENCE WITH ROADS, STREETS, WALKS, WALKWAYS AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.  
 12. PROVIDE TEMPORARY BARRICADES AND OTHER PROTECTION REQUIRED TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN.  
 13. PROTECT WALLS, CEILINGS FLOORS AND OTHER EXISTING FINISH WORK THAT ARE TO REMAIN OR THAT ARE EXPOSED DURING SELECTIVE DEMOLITION OPERATIONS. COVER AND PROTECT FURNITURE AND EQUIPMENT THAT HAVE NOT BEEN REMOVED.  
 14. DEMOLISH AND REMOVE EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION AND AS INDICATED. USE METHODS REQUIRED TO COMPLETE THE WORK WITHIN LIMITATIONS OF GOVERNING REGULATIONS.  
 15. DEMOLITION - DEMOLITION DRAWINGS ARE BASED ON DESIGN DRAWINGS AND A NON DESTRUCTIVE WALK THROUGH OF THE FACILITY. REPORT DISCREPANCIES TO OWNER BEFORE DISTURBING THE EXISTING INSTALLATION. REMOVE, RELOCATE AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION. REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION AND EXTENSION WORK.  
 16. **HAZARDOUS MATERIAL REMEDIATION:**  
 IT IS NOT ANTICIPATED THAT THERE WILL BE ANY HAZARDOUS MATERIALS

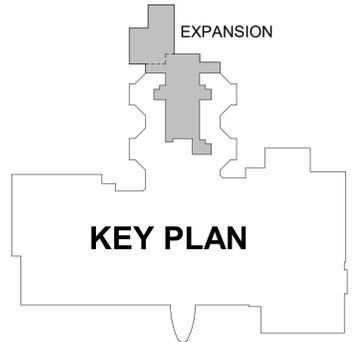
**DEFINITIONS:**  
 1. **ALIGN:** TO ACCURATELY LOCATE FINISHED FACES IN THE SAME PLANE.  
 2. **DISPOSAL:** TO REMOVE FROM THE SITE AND DISPOSE OF IN A LEGAL MANNER.  
 3. **PROTECT:** PROTECT ITEMS TO REMAIN AGAINST DAMAGE OR DEGRADATION DURING DEMOLITION AND CONSTRUCTION.  
 4. **REINSTALL:** TO INSTALL A SALVAGED ITEM IN ITS ORIGINAL LOCATION.  
 5. **RELOCATE:** TO INSTALL A SALVAGED ITEM IN A NEW LOCATION.  
 6. **REMOVE (OR DEMO OR DEMOLISH):** TO SELECTIVELY DISMANTLE AND REMOVE THE MATERIAL, EQUIPMENT OR STRUCTURE. THESE MATERIALS ARE TO BE DISPOSED OF OFF SITE BY THE CONTRACTOR.  
 7. **RESTORE IN PLACE:** TO REWORK, REPAIR, OR REPAIR BY REPLACING MISSING ELEMENTS AND TO THEN REFINISH TO ORIGINAL APPEARANCE AND OPERATION.  
 8. **SALVAGE:** TO CAREFULLY REMOVE AND PROTECT AN OBJECT FOR EITHER REUSE IN THE PROJECT OR TO DELIVER TO THE OWNER FOR OTHER USE

### DEMOLITION SHEET LEGEND



### DEMOLITION SHEET NOTES

- 1 REMOVE EXISTING METAL PANELS, HARDWARE AND WEATHER BARRIER. GYPSUM BOARD AND METAL FRAMING TO REMAIN.
- 3 DEMOLISH INTERIOR PARTITION AS NECESSARY FOR INSTALLATION OF NEW DOOR
- 4 DEMOLISH EXISTING EXTERIOR WINDOW
- 5 DEMOLISH EXISTING ALUMINUM & GLASS STOREFRONT
- 6 DEMOLISH EXISTING COLUMN WRAP AND STRUCTURAL COLUMN, REFER TO STRUCTURAL DWGS
- 7 DEMOLISH EXISTING CONCRETE SIDEWALK (SHOWN HATCHED), REFER TO CIVIL DWGS
- 8 DEMOLISH EXISTING CONCRETE SLAB (SHOWN HATCHED) AS NECESSARY TO INSTALL PLUMBING, REFER TO MECHANICAL AND STRUCTURAL DWGS
- 9 REMOVE CENTER BASE CABINET
- 10 REMOVE EXISTING VINYL WALL COVERING
- 11 REMOVE EXISTING FLOORING AND BASE
- 12 REMOVE EXISTING HANDRAILS, BUMPER RAILS, AND CORNERGUARDS
- 13 SALVAGE EXISTING DOOR, DOOR FRAME AND HARDWARE, REMOVE CURTAIN WALL.
- 14 REMOVE EXISTING SINK, SEE PLUMBING
- 15 DEMOLISH EXISTING COLUMN WRAP, COLUMN TO REMAIN, SEE STRUCTURAL DWGS.
- 16 DEMOLISH EXISTING CASEWORK



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Revisions		
No.	Description	Date

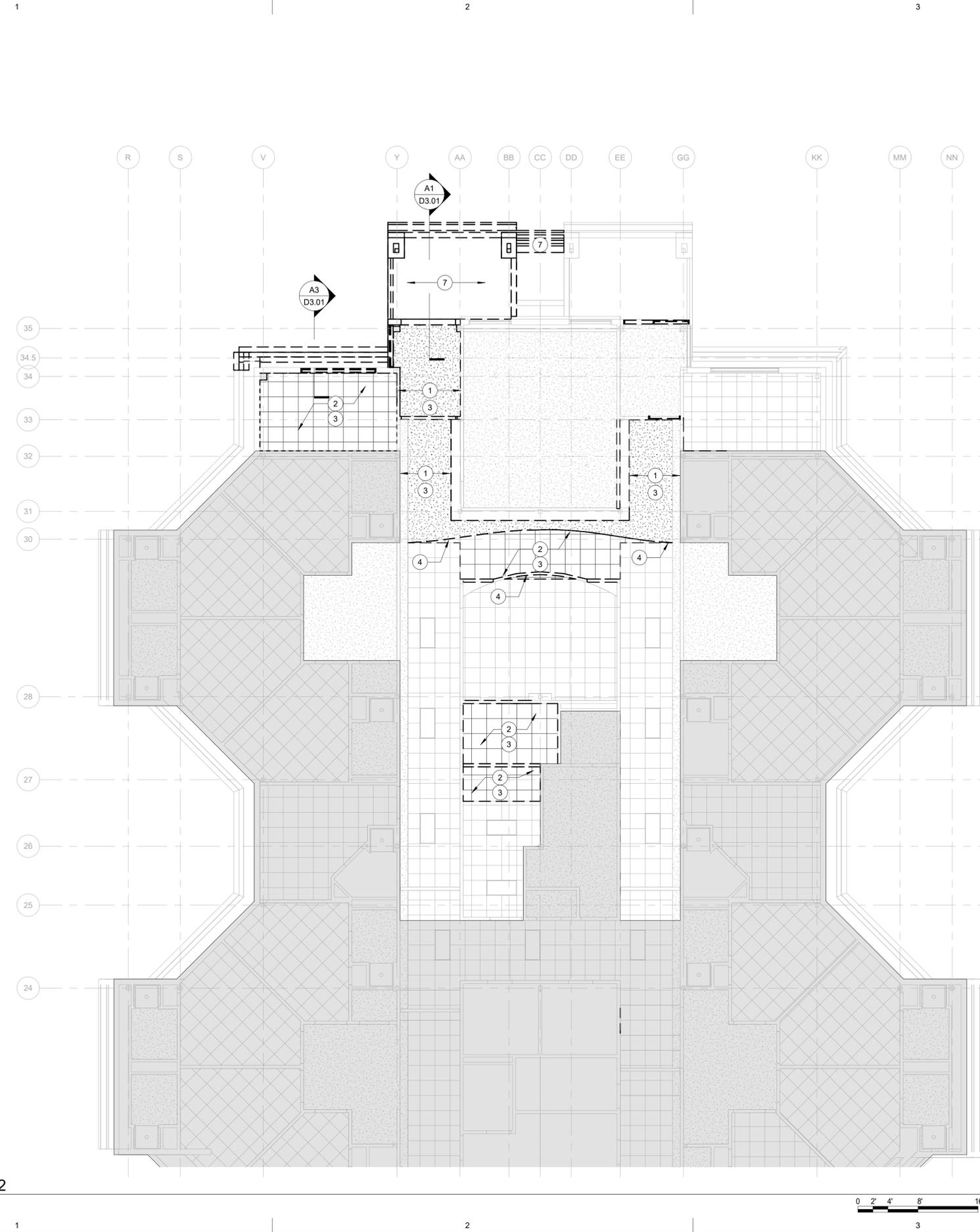
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Checked DAH	Job No. 23042.01

Sheet Contents  
 DEMOLITION FLOOR PLAN PHASE 2

Sheet No.  
**D2.01**

A1  
 D2.01  
 1/8" = 1'-0"





### DEMOLITION NOTES

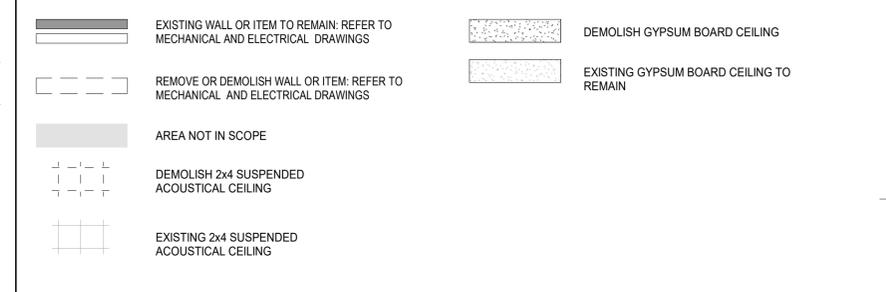
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**DEFINITIONS:**

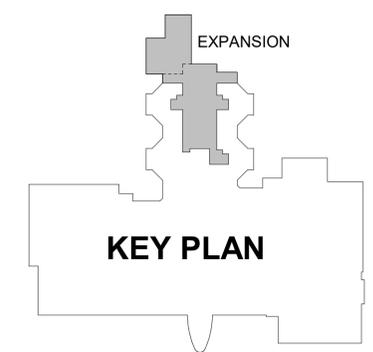
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### DEMOLITION REFLECTED CEILING PLAN LEGEND



### DEMOLITION PLAN KEY NOTES

- REMOVE EXISTING GYPSUM BOARD HARD LID CEILING: REFER TO MECHANICAL AND ELECTRICAL DRAWINGS
- REMOVE EXISTING LAY-IN CEILING TILE: REFER TO MECHANICAL AND ELECTRICAL DRAWINGS
- REMOVE EXISTING FIXTURES: REFER TO MECHANICAL AND ELECTRICAL DRAWINGS
- REMOVE EXISTING SOFFIT: REFER TO STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS
- REMOVE EXISTING LAY-IN CEILING TILE AND GRID AS REQUIRED FOR NEW WALL, FRAME AND DOOR.
- REMOVE A PORTION OF LIGHT COVE AND LIGHT FIXTURE AS REQUIRED FOR NEW WALL, FRAME AND DOOR: REFER TO MECHANICAL AND ELECTRICAL DRAWINGS.
- DEMOLISH EXISTING SOFFIT UNDER CANOPY, REFER TO MECHANICAL AND ELECTRICAL DRAWINGS



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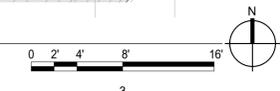
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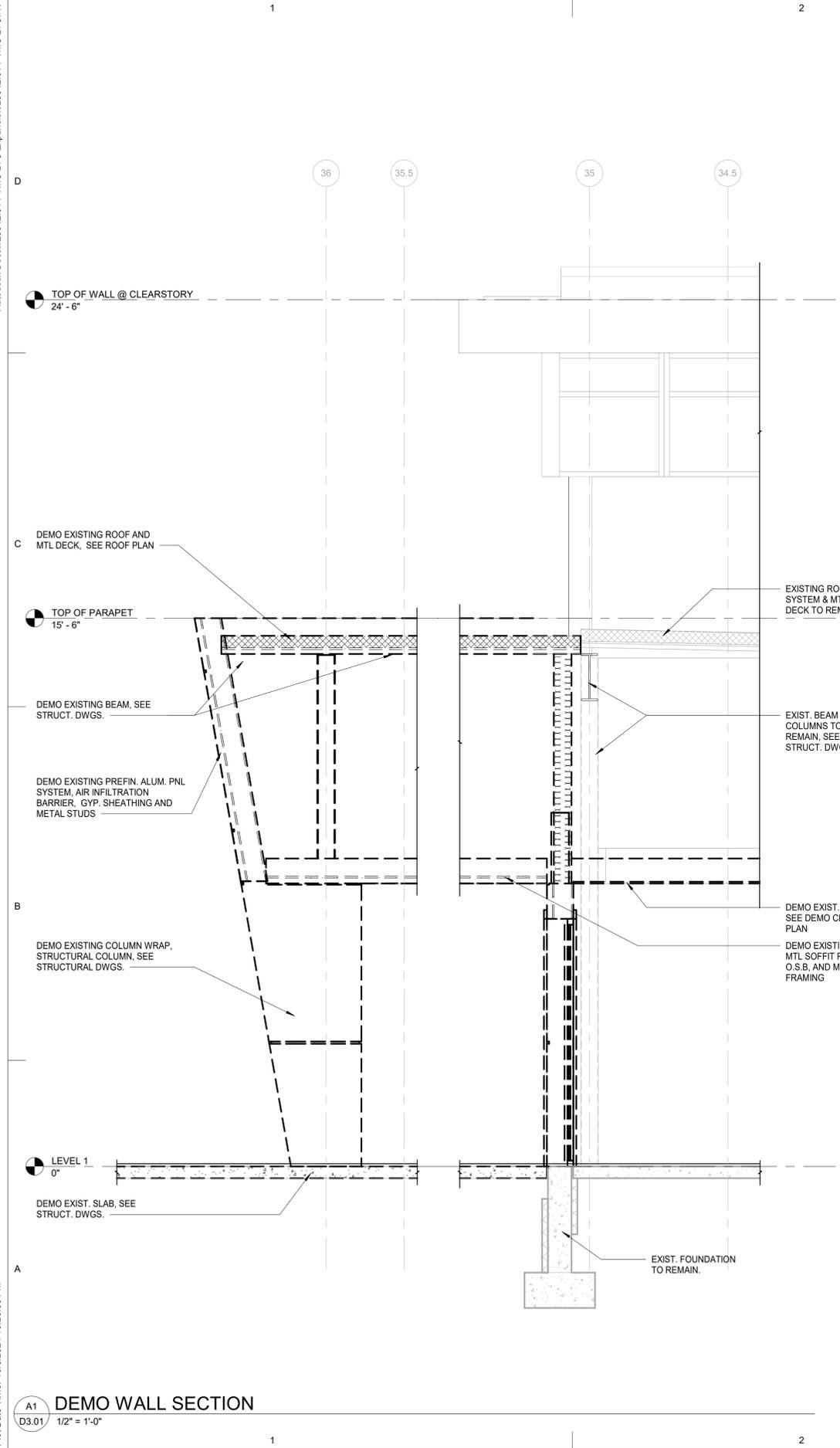
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DEMOLITION REFLECTED CEILING PLAN PHASE 2

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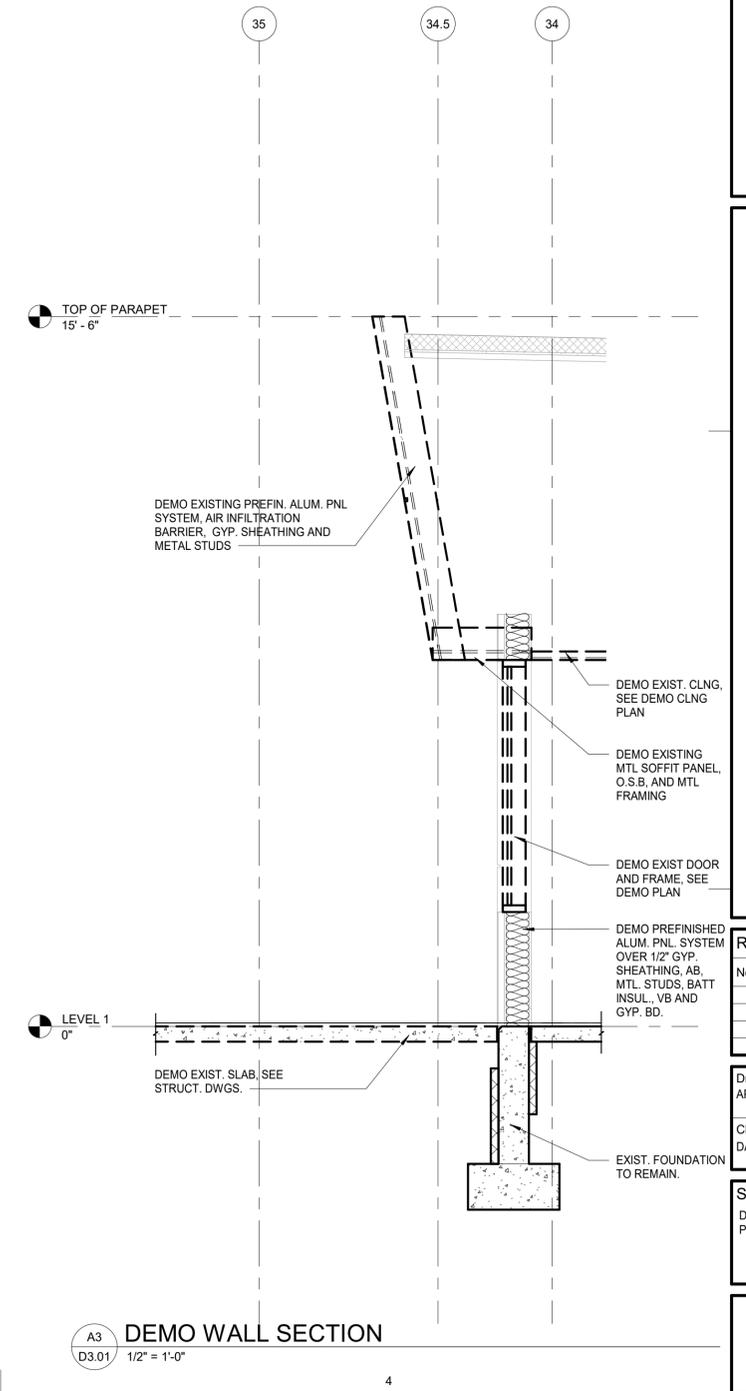
A1  
D2.02  
1/8" = 1'-0"



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**A1**  
D3.01  
1/2" = 1'-0"  
**DEMO WALL SECTION**



**A3**  
D3.01  
1/2" = 1'-0"  
**DEMO WALL SECTION**

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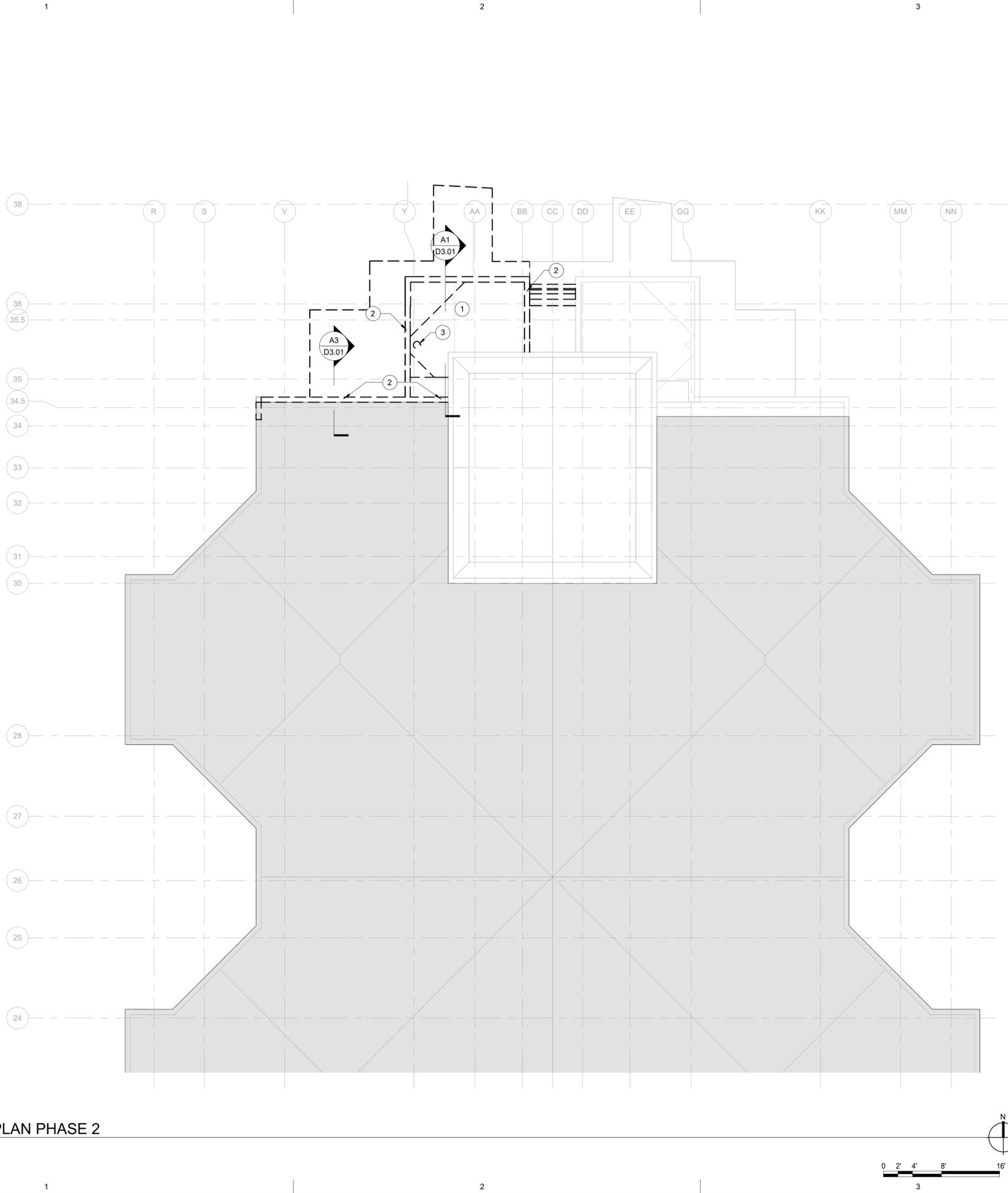
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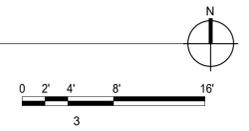
**Sheet Contents**  
DEMOLITION WALL SECTIONS  
PHASE 2

Sheet No.  
**D3.01**

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**A1**  
D4.01 DEMO ROOF PLAN PHASE 2  
1/8" = 1'-0"



DEMOLITION SHEET NOTES	
①	DEMO EXISTING CANOPY ROOF AND STRUCTURE, SEE STRUCT. DWGS.
②	DEMO PARAPET
③	DEMO EXISTING ROOF DRAIN

SHEET LEGEND	
	EXISTING WALL OR ITEM TO REMAIN
	DEMO EXISTING WALL OR ITEM
	AREA NOT IN SCOPE

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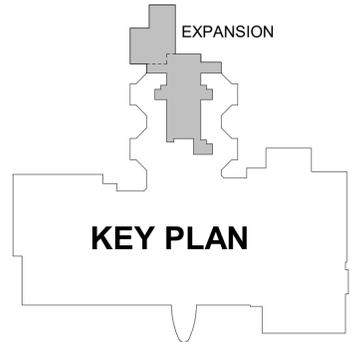
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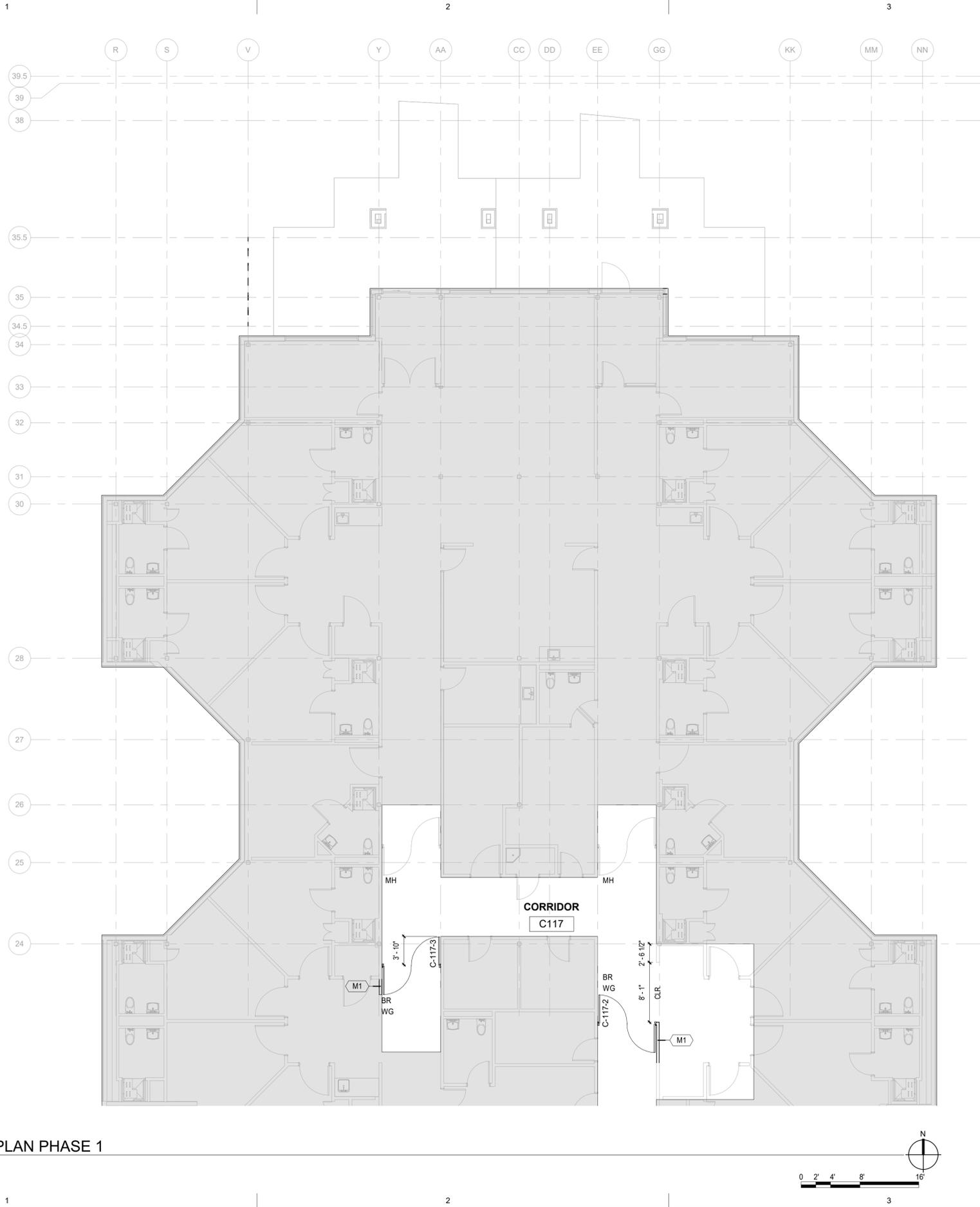
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Sheet Contents DEMO ROOF PLAN PHASE 2
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Sheet No.  
**D4.01**





### GENERAL PROJECT NOTES

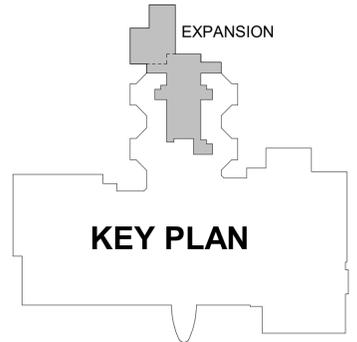
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3. ALL DIMENSIONS ARE TO FACE OF STUD, FACE OF CONCRETE, TO CENTERLINE OF STRUCTURAL COLUMN, OR TO STRUCTURAL GRID LINE UNLESS OTHERWISE NOTED.
4. DIMENSIONS NOTED AS 'CLEAR' (OR CLR.) SHALL BE MEASURED TO FINISHED FACE AND TAKE PRECEDENCE OVER OTHER DIMENSIONS.
5. DO NOT SCALE THE DRAWINGS TO OBTAIN CONSTRUCTION DIMENSIONS. DRAWINGS ARE INTENDED TO PROVIDE INFORMATION FOR CONTRACTORS DETERMINATION OF THE SCOPE OF WORK.
6. LOCATE INTERIOR DOORS TO MAINTAIN 4" CLEAR FROM HINGE SIDE OF FRAME TO ADJACENT WALL UNLESS NOTED OTHERWISE.
7. PARTITIONS TO BE TYPE M1A UNLESS NOTED OTHERWISE.
8. EXTEND EXISTING PARTITIONS AND FIRESTOP AS REQUIRED TO COMPLY WITH FIRE RATING REQUIREMENTS INDICATED ON LIFE SAFETY PLANS.

### SHEET LEGEND

EXISTING WALL OR ITEM TO REMAIN  
 AREA NOT IN SCOPE

### SHEET NOTES

BR BADGE READER  
 WG WANDER GUARD  
 AO AUTO OPERATOR  
 MH MAGNETIC HOLD OPEN, RELEASE ON FIRE ALARM



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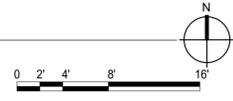
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No.	Description	Date

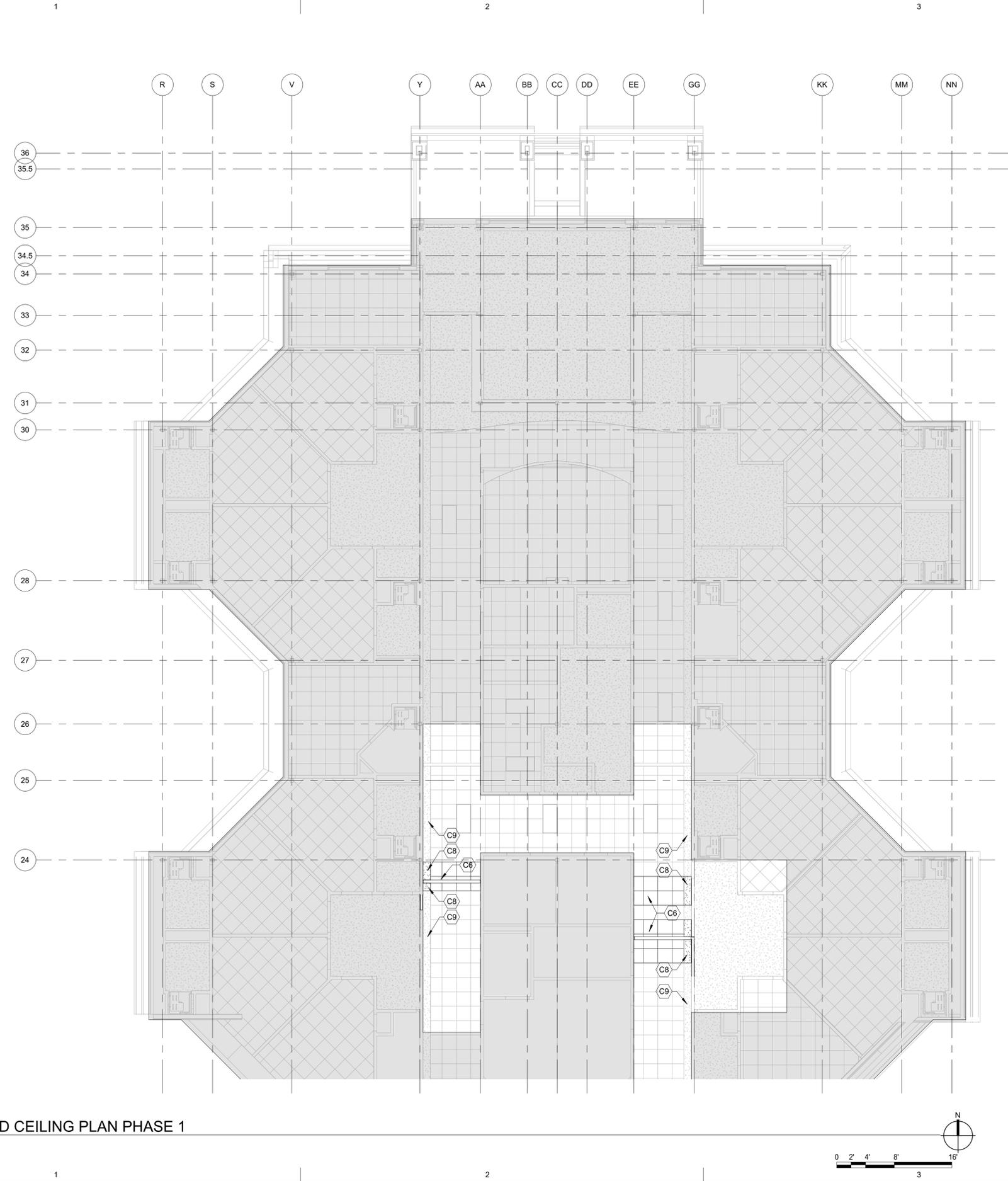
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Sheet Contents  
DIMENSION FLOOR PLAN PHASE 1

Sheet No.  
**A1.01**



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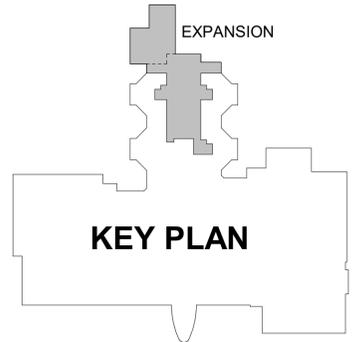


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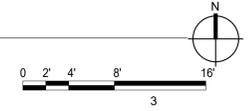
	NEW WALL OR ITEM
	EXISTING WALL OR ITEM TO REMAIN
	AREA NOT IN SCOPE
	2x4 SUSPENDED ACOUSTICAL CEILING, ACP1
	EXISTING 2x4 SUSPENDED ACOUSTICAL CEILING
	GYPSUM BOARD CEILING
	EXIST. GYPSUM BOARD CEILING
	CEILING HEIGHT AS INDICATED OFF
	FULL-HEIGHT WALL TO DECK ABOVE
	SUPPLY AIR, SEE MECHANICAL
	RETURN AIR, SEE MECHANICAL
	EXHAUST FAN, SEE MECHANICAL

- ### REFLECTED CEILING NOTES
- REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR LIGHTING AND DIFFUSER/GRILLE LAYOUT AND QUANTITIES OF MECHANICAL AND ELECTRICAL EQUIPMENT, TYPICAL.
  - REFLECTED CEILING PLANS INDICATE:
    - GENERAL TYPE AND SPECIFIC LOCATION OF LIGHT FIXTURES AND SIGNAL & EQUIPMENT DEVICES.
  - ELECTRICAL ENGINEERING DRAWINGS INDICATE:
    - CIRCUITING AND WIRING OF LIGHT FIXTURES AND SWITCHES.
    - LIFE SAFETY EQUIPMENT.
    - LOCATION OF REQUIRED EMERGENCY LIGHT FIXTURES.
    - LIGHT FIXTURE SPECIFICATIONS.
  - MECHANICAL ENGINEERING DRAWINGS INDICATE:
    - DUCTS, AIR MOVEMENT REQUIREMENTS AND SIZES OF GRILLES AND REGISTERS.
  - DESIGN BUILD FIRE PROTECTION DRAWINGS INDICATE:
    - LAYOUT, LOCATION AND SIZE OF SPRINKLER LINES AND HEADS.
    - PRESSURE REQUIREMENTS.
    - SPRINKLER HEAD SPECIFICATIONS.
    - LOCATION OF FIRE PROTECTION RISERS AND WALL HYDRANTS.
  - INSTALL NEW SPRINKLER HEADS AND RECESSED LIGHT FIXTURES AT THE CENTER OF THE ACOUSTICAL CEILING PANEL UNLESS OTHERWISE NOTED.
  - INSTALL NEW SPRINKLER HEADS AND LIGHT FIXTURES AT THE CENTER OF THE ACOUSTICAL CEILING PANELS UON.

- ### RCP KEY NOTES
- C1** INSTALL GWB CEILING ASSEMBLY LIGHTS AND DIFFUSERS; REFER TO ELECTRICAL AND MECHANICAL DRAWINGS
  - C2** EXISTING CEILING TO REMAIN
  - C3** CEILING SOFFIT
  - C4** CEILING SEISMIC JOINT COVER
  - C5** CANOPY SOFFIT - METAL PANEL, MATCH ADJACENT FINISH
  - C6** PATCH AND REPAIR EXIST. CEILING AS REQUIRED FROM NEW WORK.
  - C7** EXISTING CANOPY SOFFIT
  - C8** CORRIDOR LIGHT COVE
  - C9** EXISTING CORRIDOR LIGHT COVE



**A1 REFLECTED CEILING PLAN PHASE 1**  
A1.04 1/8" = 1'-0"



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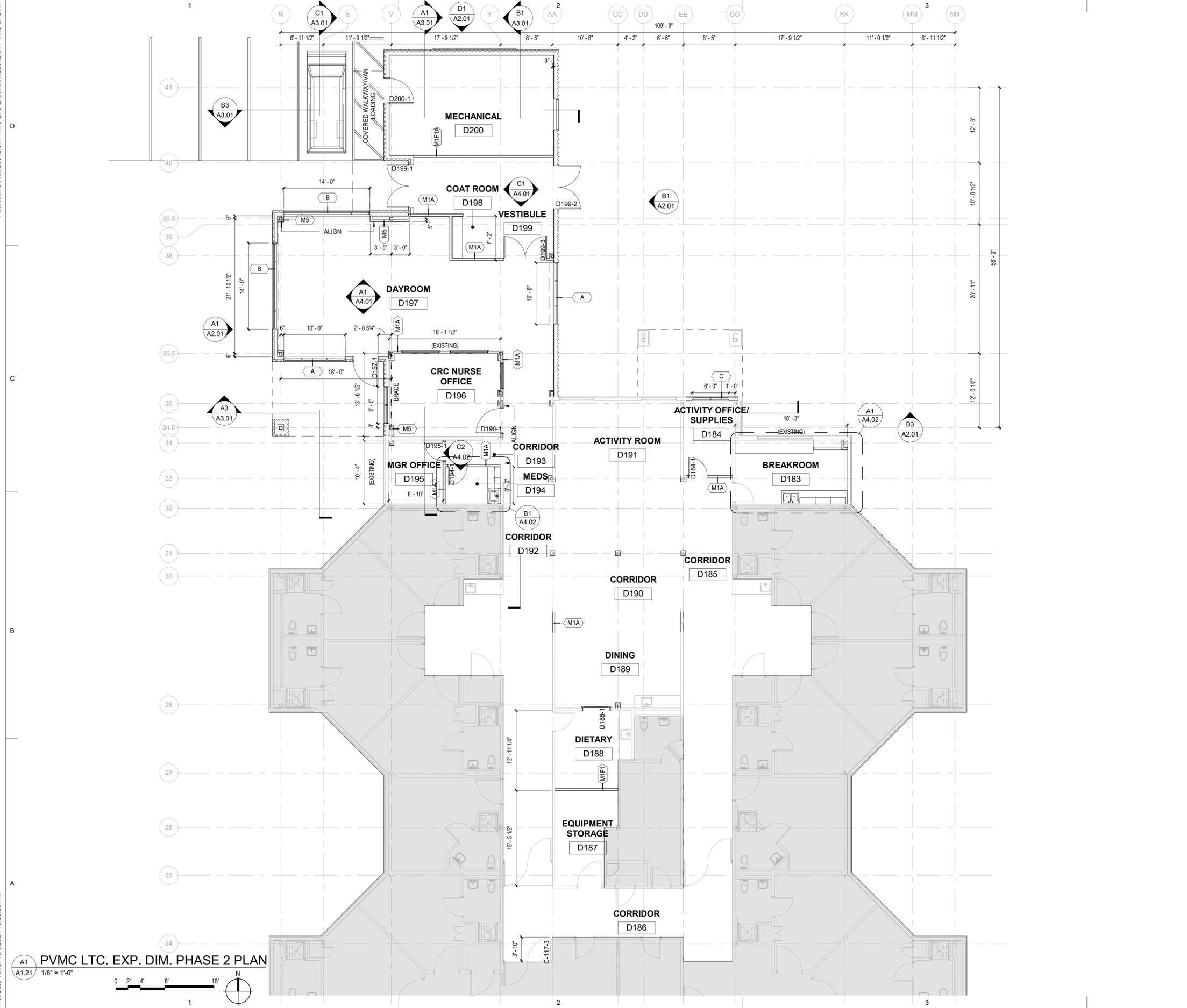
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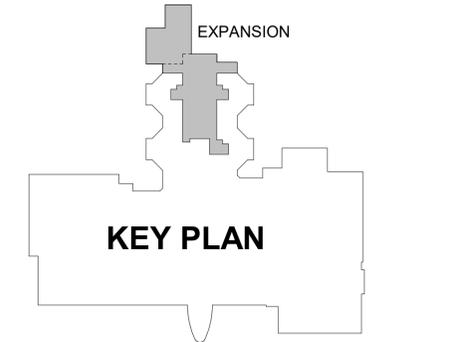
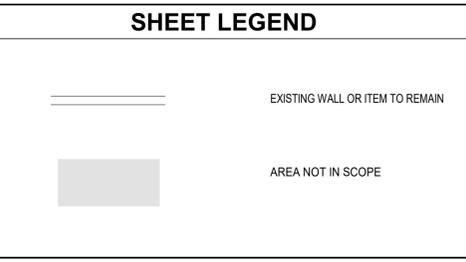
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Sheet Contents  
REFLECTED CEILING PLAN PHASE 1

Sheet No.  
**A1.04**



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EXPANSION**  
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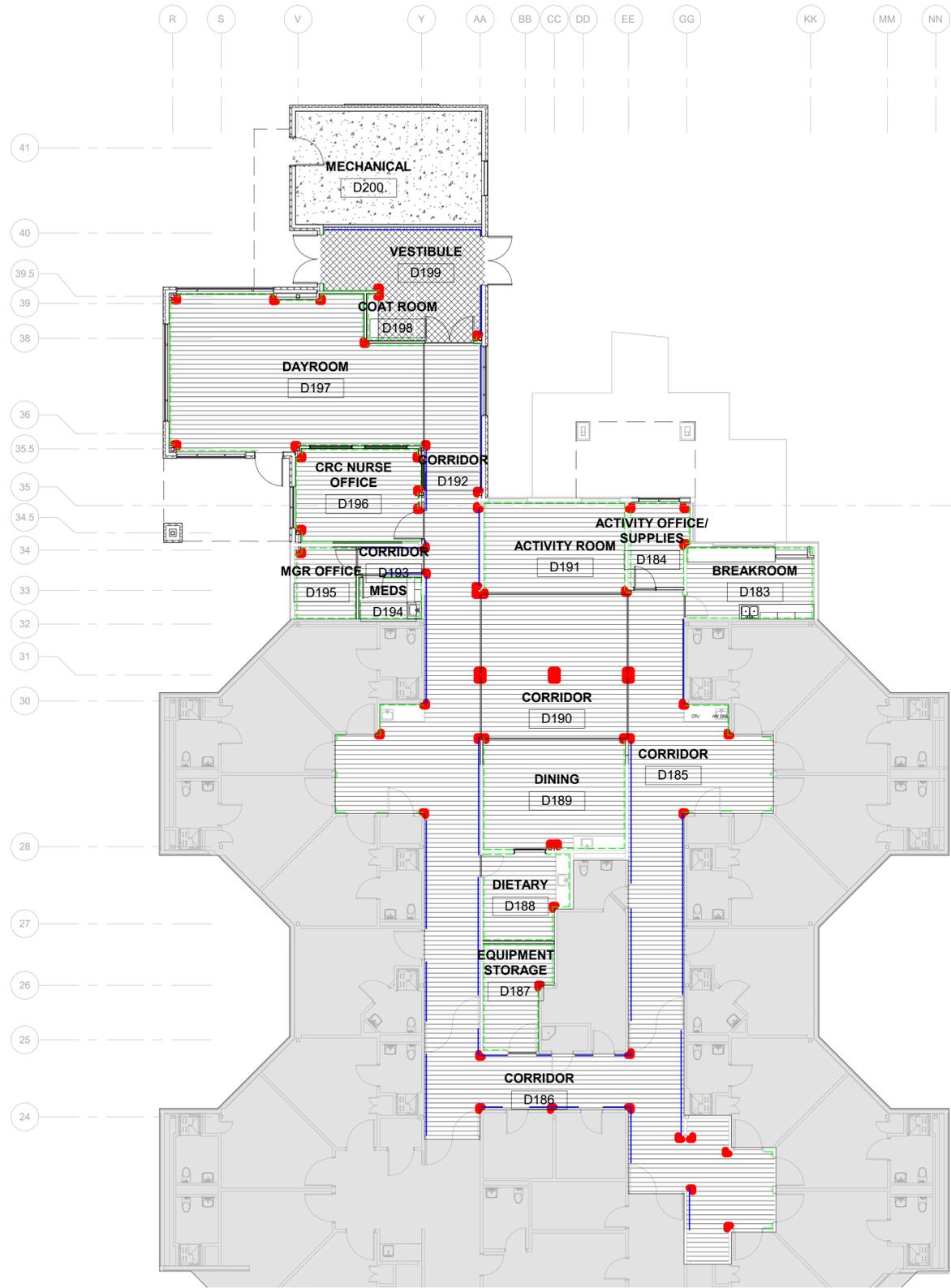
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No.	Description	Date

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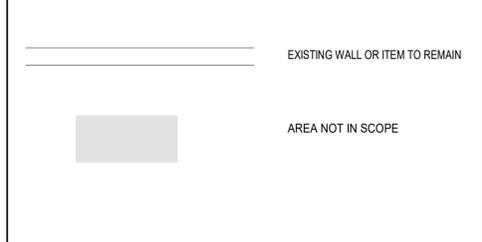
Sheet Contents  
DIMENSION FLOOR PLAN PHASE 2

Sheet No.  
**A1.21**

Autodesk Docs://23042.01 PVMC LTC Expansion/23042.01 PVMC LTC.rvt



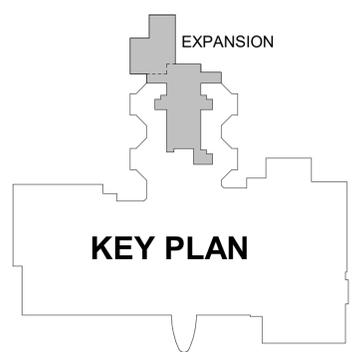
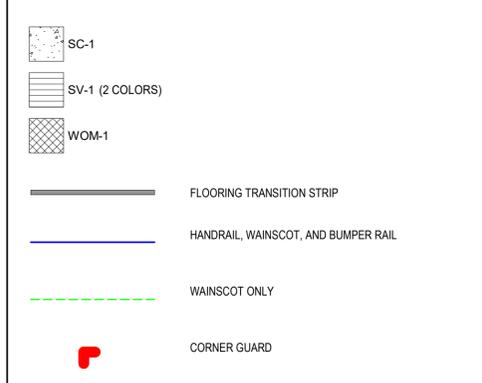
**SHEET LEGEND**



**FLOOR FINISH NOTES**

1. REFER TO MATERIALS FINISH LEGEND FOR IDENTIFICATION OF MATERIAL TYPES.
2. ALL WALL AND CEILING FINISHES TO MEET OR EXCEED CHAPTER 8 IBC AND NFPA REQUIREMENTS
3. FLOORING TO EXTEND INTO WALL BELOW ALL FREE STANDING CASEWORK, APPLIANCES, FURNITURE OR FIXTURES, TOE SPACES, DOOR REVEALS, CLOSETS, AND SIMILAR OPENINGS
4. ALL FLOORING TRANSITIONS TO OCCUR AT CENTERLINE OF DOOR OR OPENING, UNO
5. MAINTAIN DYE LOT INTEGRITY. DO NOT MIX DYE LOTS IN THE SAME AREA
6. SCRIBE FLOORING TO WALLS, COLUMNS, CABINETS, FLOOR OUTLETS, AND OTHER APPURTENANCES TO PRODUCE TIGHT JOINTS
7. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION
8. AT AREAS OF SHEET VINYL FLOORING, PROVIDE MATCHING HEAT WELD
9. PROVIDE MATCHING HEAT WELD
10. CONSTRUCTION JOINTS ON SLAB TO ALIGN WITH TILE JOINTS DIRECTLY ABOVE (CSJ); REFER TO STRUCTURAL DRAWINGS FOR LOCATION OF CONSTRUCTION JOINTS
11. TILE JOINTS TO BE PER TCNA HANDBOOK DETAIL EJ171
12. PROVIDE MOVEMENT JOINTS AT PERIMETER WALLS IN CORRESPONDENCE OF FLOOR JOINTS

**SHEET LEGEND CONT'D**



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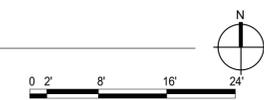
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No.	Description	Date

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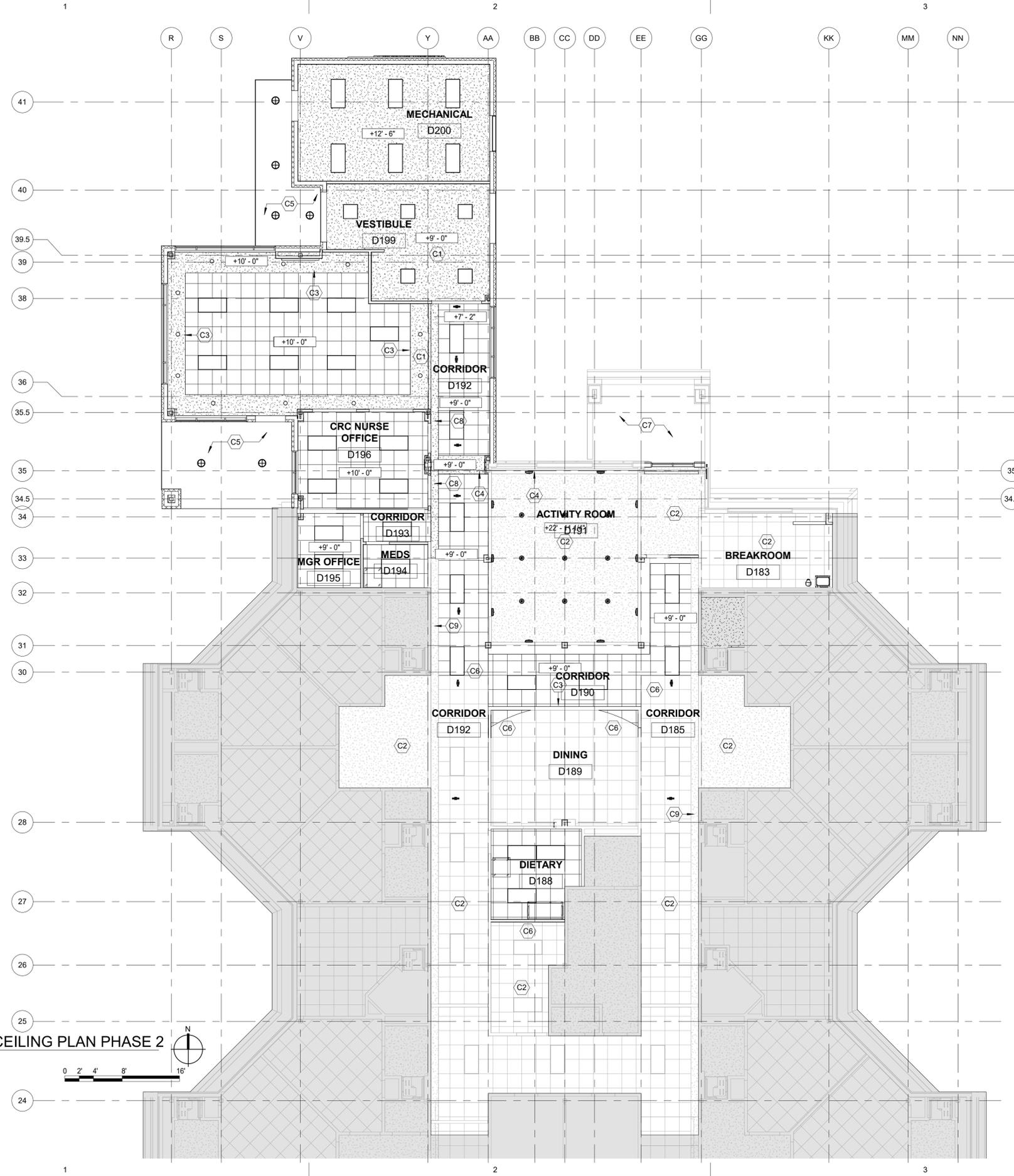
Sheet Contents  
FINISH FLOOR PLAN PHASE 2

Sheet No.  
**A1.23**

A1 PVMC LTC EXPANSION FINISH PLAN PHASE 2  
A1.23 3/32" = 1'-0"



Autodesk Docs://23042.01/PMMC LTC Expansion/23042.01/PMMC LTC.rvt Plot Date Time: 10/16/2024 10:25:39 PM

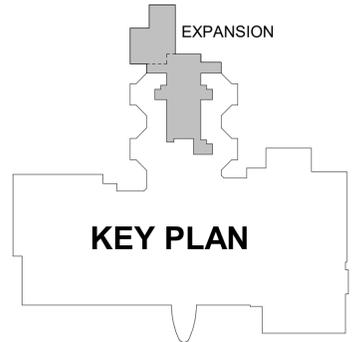


### SHEET LEGEND

	NEW WALL OR ITEM
	EXISTING WALL OR ITEM TO REMAIN
	AREA NOT IN SCOPE
	2x4 SUSPENDED ACOUSTICAL CEILING, ACP1
	EXISTING 2x4 SUSPENDED ACOUSTICAL CEILING
	GYPSUM BOARD CEILING
	EXIST. GYPSUM BOARD CEILING
	CEILING HEIGHT AS INDICATED OFF
	FULL-HEIGHT WALL TO DECK ABOVE
	SUPPLY AIR, SEE MECHANICAL
	RETURN AIR, SEE MECHANICAL
	EXHAUST FAN, SEE MECHANICAL

- ### REFLECTED CEILING NOTES
- REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR LIGHTING AND DIFFUSER/GRILLE LAYOUT AND QUANTITIES OF MECHANICAL AND ELECTRICAL EQUIPMENT, TYPICAL.
  - REFLECTED CEILING PLANS INDICATE:
    - A. GENERAL TYPE AND SPECIFIC LOCATION OF LIGHT FIXTURES AND SIGNAL & EQUIPMENT DEVICES.
  - ELECTRICAL ENGINEERING DRAWINGS INDICATE:
    - A. CIRCUITING AND WIRING OF LIGHT FIXTURES AND SWITCHES.
    - B. LIFE SAFETY EQUIPMENT.
    - C. LOCATION OF REQUIRED EMERGENCY LIGHT FIXTURES.
    - D. LIGHT FIXTURE SPECIFICATIONS.
  - MECHANICAL ENGINEERING DRAWINGS INDICATE:
    - A. DUCTS, AIR MOVEMENT REQUIREMENTS AND SIZES OF GRILLES AND REGISTERS.
  - DESIGN BUILD FIRE PROTECTION DRAWINGS INDICATE:
    - A. LAYOUT, LOCATION AND SIZE OF SPRINKLER LINES AND HEADS.
    - B. PRESSURE REQUIREMENTS.
    - C. SPRINKLER HEAD SPECIFICATIONS.
    - D. LOCATION OF FIRE PROTECTION RISERS AND WALL HYDRANTS.
  - WHERE ACOUSTICAL PANELS ARE REQUIRED TO BE CUT, CUT THE PANELS TO MAINTAIN A SHARP, NEAT EDGE.
  - INSTALL NEW SPRINKLER HEADS AND RECESSED LIGHT FIXTURES AT THE CENTER OF THE ACOUSTICAL CEILING PANEL UNLESS OTHERWISE NOTED.
  - INSTALL NEW SPRINKLER HEADS AND LIGHT FIXTURES AT THE CENTER OF THE ACOUSTICAL CEILING PANELS UON.
  - 2 HR FIRE RATED CEILING INSTALLED THROUGHOUT NEW ADDITION AT BOS.

- ### RCP KEY NOTES
- C1** INSTALL GWB CEILING ASSEMBLY LIGHTS AND DIFFUSERS; REFER TO ELECTRICAL AND MECHANICAL DRAWINGS
  - C2** EXISTING CEILING TO REMAIN
  - C3** CEILING SOFFIT
  - C4** CEILING SEISMIC JOINT COVER
  - C5** CANOPY SOFFIT - METAL PANEL, MATCH ADJACENT FINISH
  - C6** PATCH AND REPAIR EXIST. CEILING AS REQUIRED FROM NEW WORK.
  - C7** EXISTING CANOPY SOFFIT
  - C8** CORRIDOR LIGHT COVE
  - C9** EXISTING CORRIDOR LIGHT COVE



**REFLECTED CEILING PLAN PHASE 2**

A1  
A1.24  
1/8" = 1'-0"

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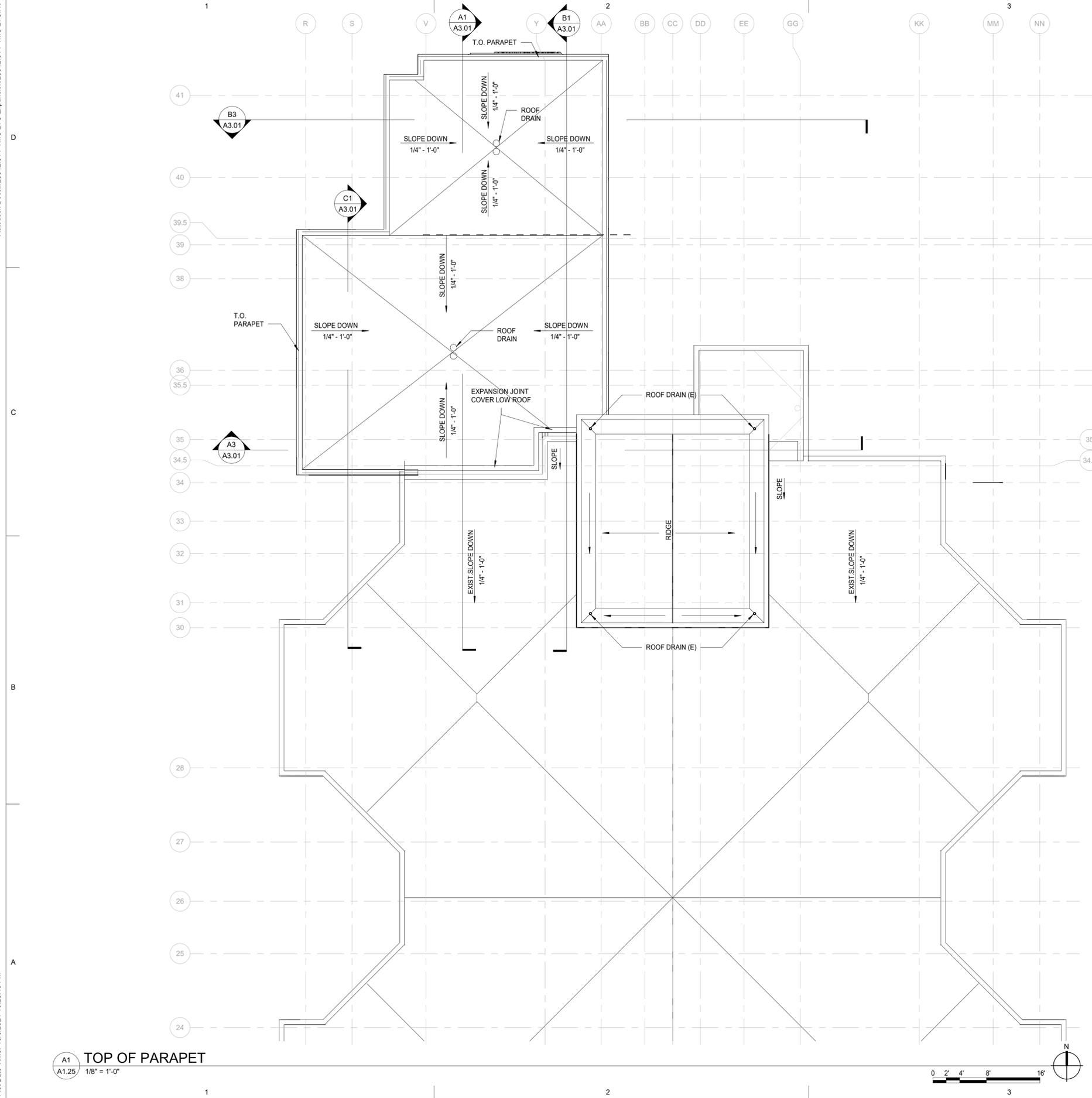
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Sheet Contents  
REFLECTED CEILING PLAN PHASE 2

Sheet No.  
**A1.24**



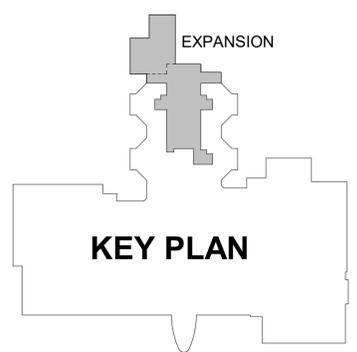
A1  
A1.25  
TOP OF PARAPET  
1/8" = 1'-0"



### GENERAL NOTES

- COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATION, TYPE, AND QUANTITY OF ROOF TOP MECHANICAL AND ELECTRICAL EQUIPMENT, TYPICAL.
- USE SIMILAR DETAILS AT SIMILAR LOCATIONS UNLESS OTHERWISE NOTED.
- SEE 500 SERIES DRAWINGS FOR EXTERIOR DETAILS, TYPICAL.
- LAP EPDM ROOF MEMBRANE UP AND OVER TOP OF PARAPET AND CURB WALLS, TYPICAL.
- ALL PENETRATIONS THROUGH THE EXTERIOR ROOF ASSEMBLY SHALL BE FLASHED AND SEALED TO PROVIDE WATER-TIGHT CONSTRUCTION, TYPICAL.

### SHEET LEGEND



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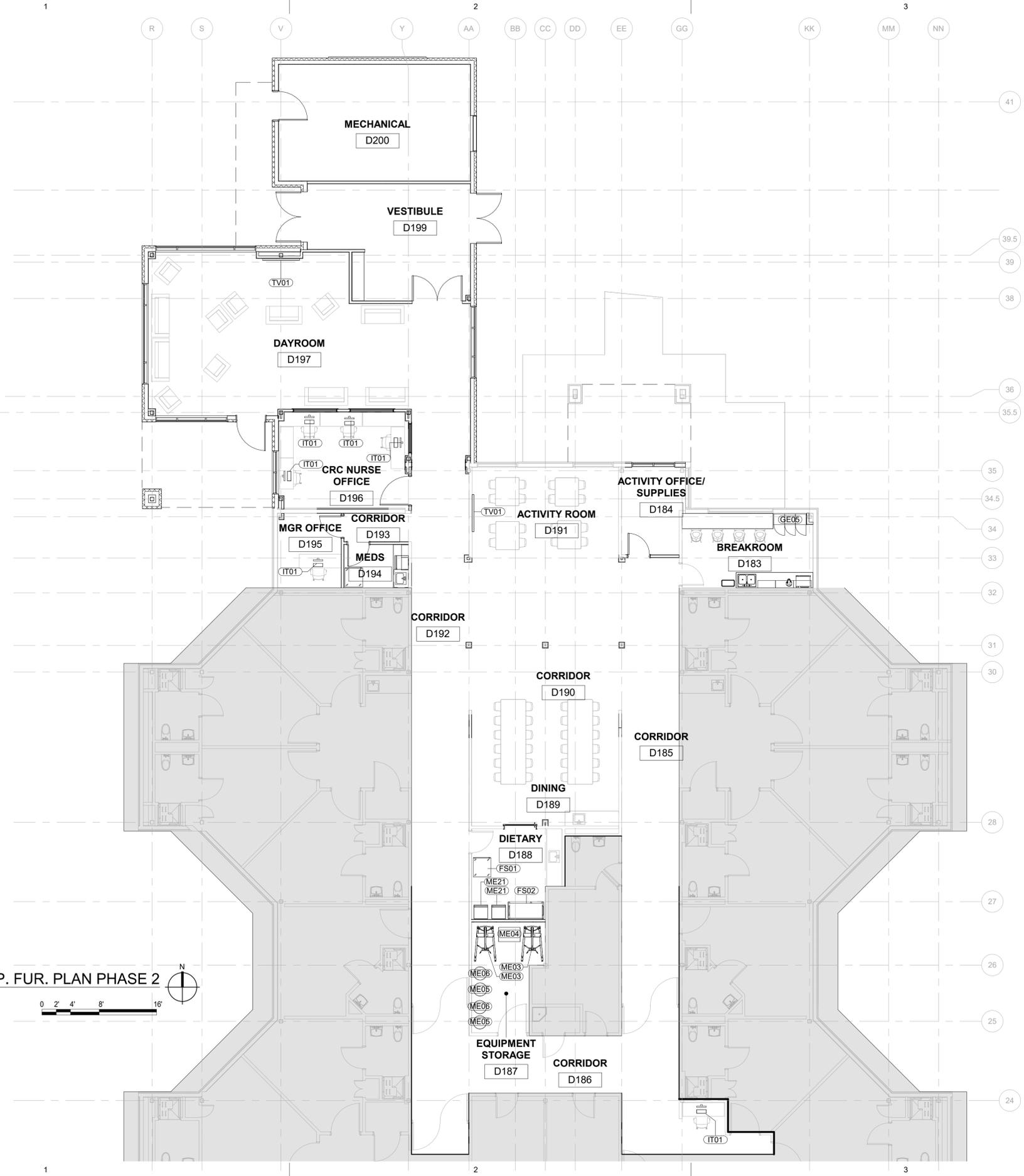
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No.	Description	Date

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Sheet Contents  
ROOF PLAN PHASE 2

Sheet No.  
**A1.25**

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Specialty Equipment Schedule		
Type Mark	Generic Description	Count
AP03	MICROWAVE	1
AP07	COFFEE, K-CUP	1
FS01	HEATED HOLDING CART	2
FS02	FOOD SERVICE CART	1
GE02	TRASH CAN 23GAL	1
GE05	LOCKERS	3
IT01	DESKTOP COMPUTER	6
ME03	PORTABLE LIFT	2
ME04	PPE CART	1
ME05	MOBILE EXAM LIGHT	2
ME06	IV POLE	2
ME21	MEDICATION REFRIGERATOR	3
TV01	TELEVISION	3

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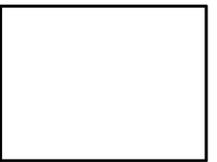


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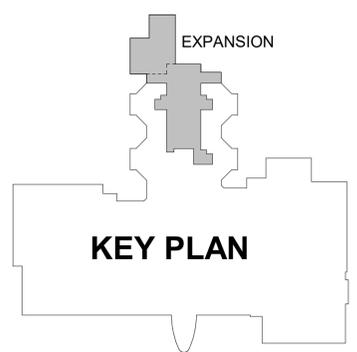
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No.	Description	Date

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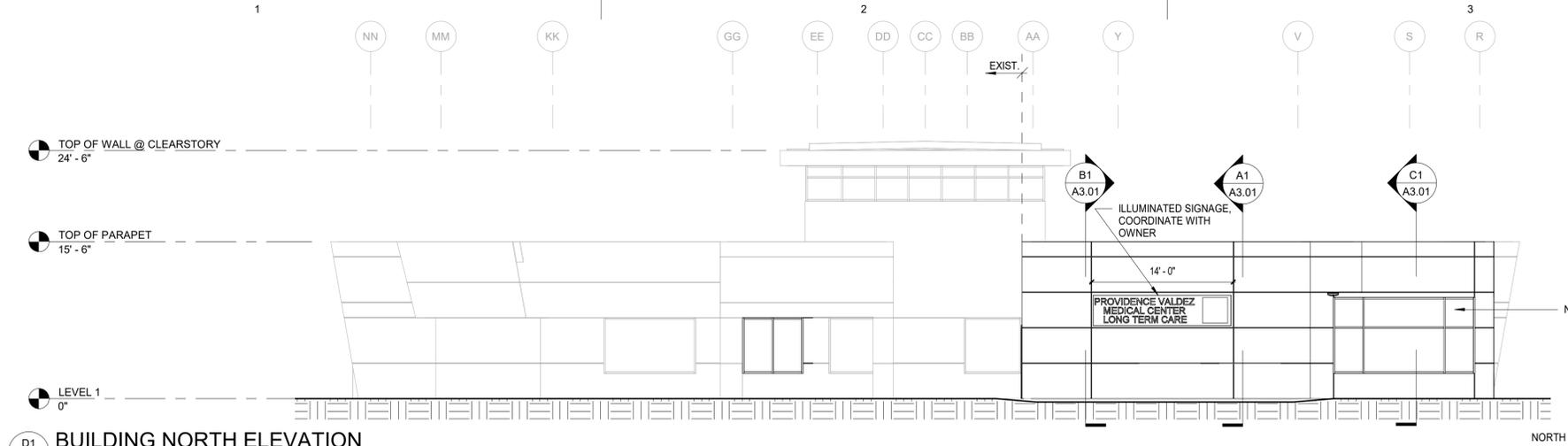
Sheet Contents  
EQUIPMENT PLAN PHASE 2

Sheet No.  
**A1.26**

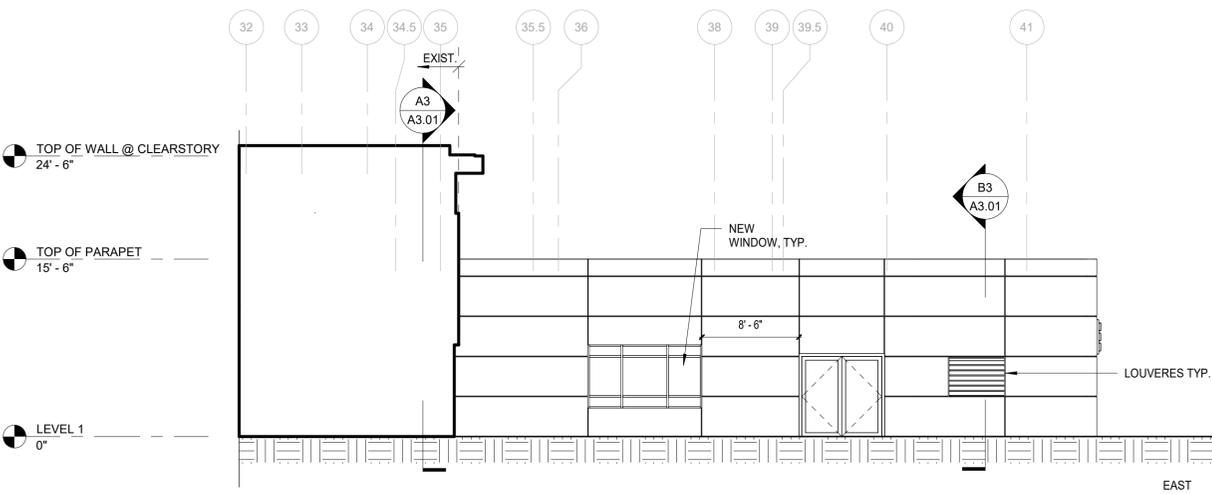


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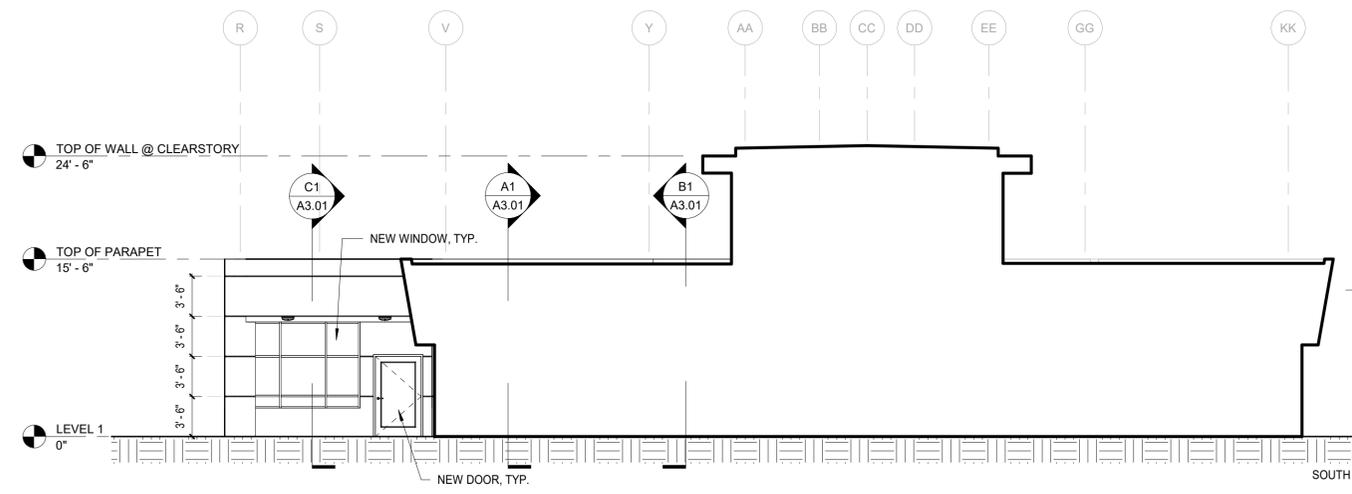
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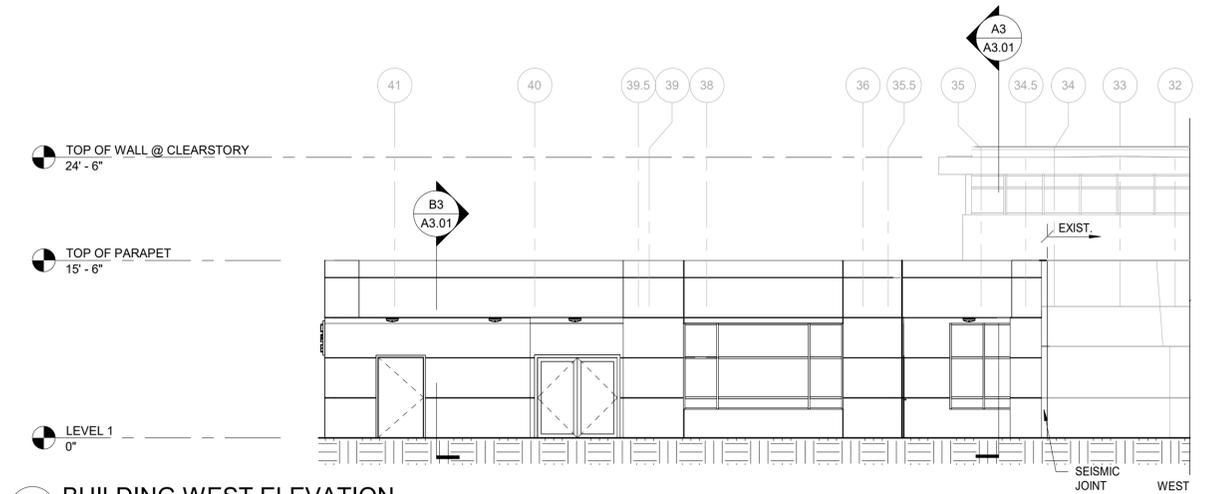
D1 BUILDING NORTH ELEVATION  
A2.01 1/8" = 1'-0"



B1 BUILDING EAST ELEVATION  
A2.01 1/8" = 1'-0"



B3 BUILDING SOUTH ELEVATION  
A2.01 1/8" = 1'-0"



A1 BUILDING WEST ELEVATION  
A2.01 1/8" = 1'-0"

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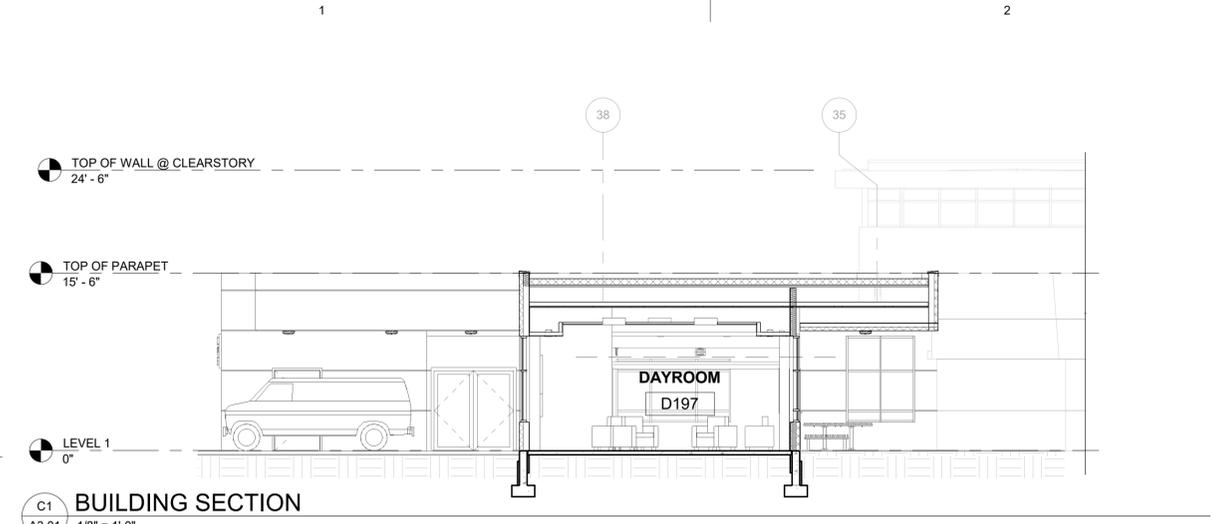
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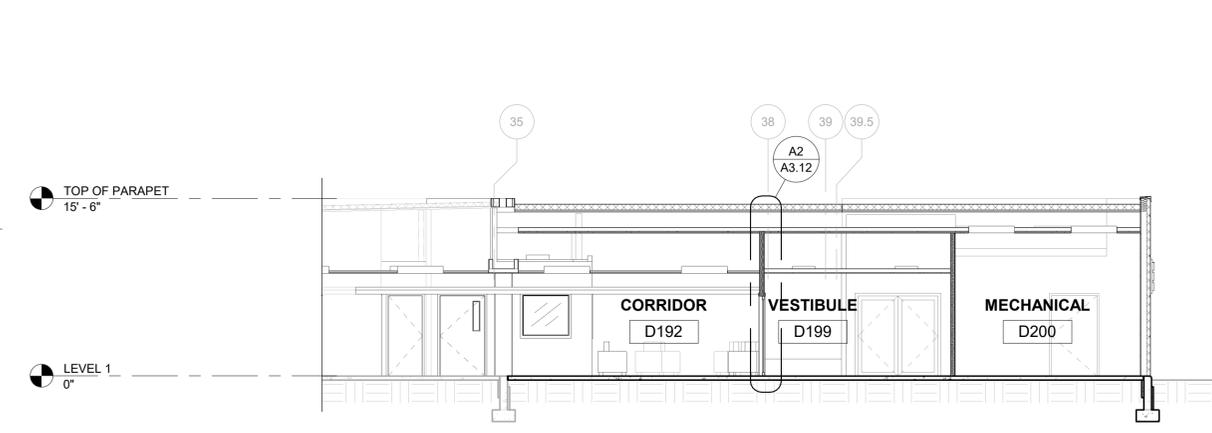
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Sheet Contents  
EXTERIOR ELEVATIONS

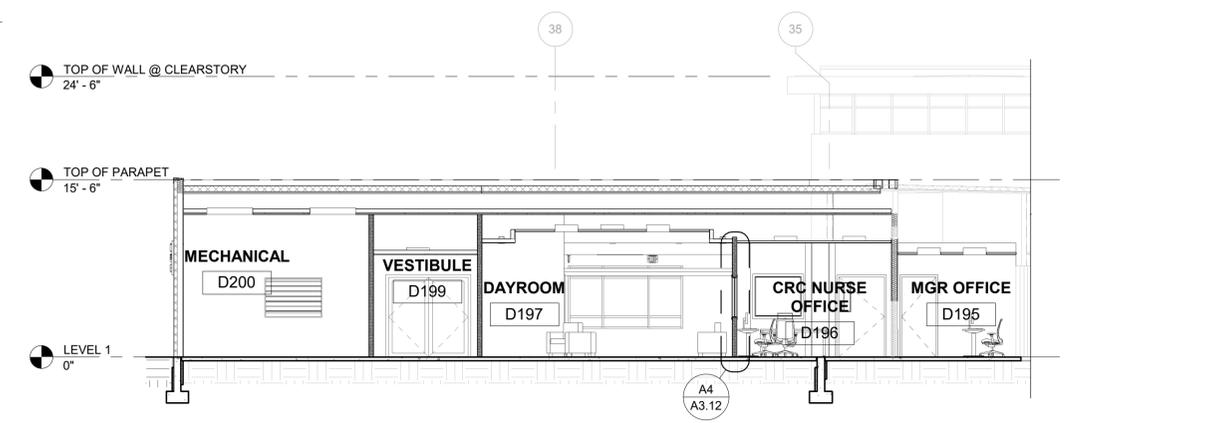
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**A2.01**



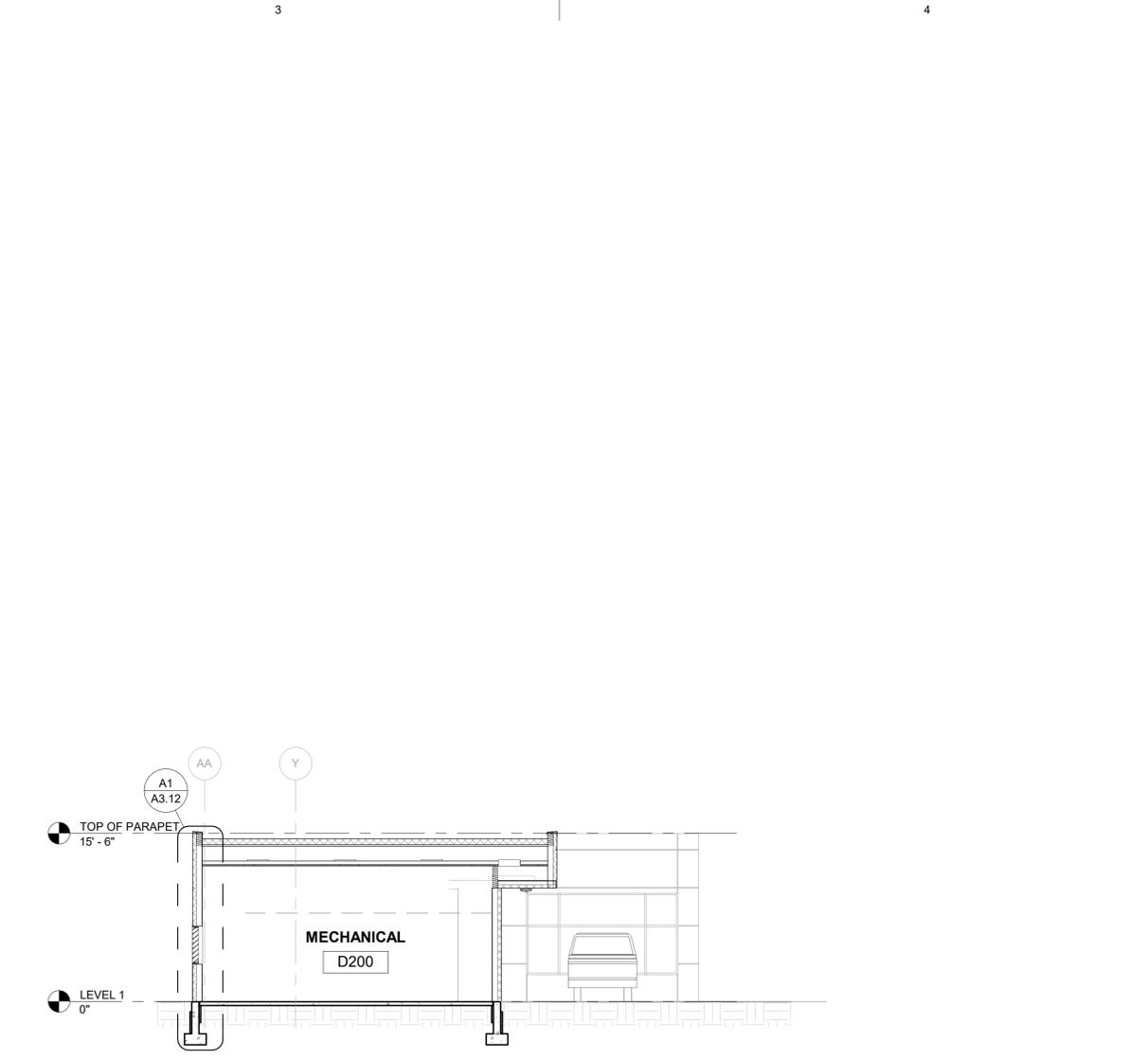
**C1 BUILDING SECTION**  
A3.01 1/8" = 1'-0"



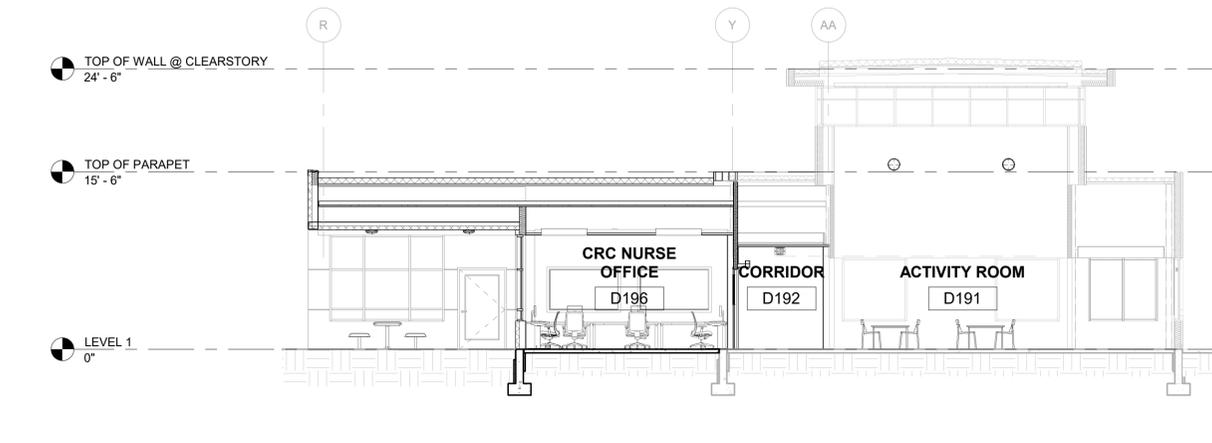
**B1 BUILDING SECTION**  
A3.01 1/8" = 1'-0"



**A1 BUILDING SECTION**  
A3.01 1/8" = 1'-0"



**B3 BUILDING SECTION**  
A3.01 1/8" = 1'-0"



**A3 BUILDING SECTION**  
A3.01 1/8" = 1'-0"

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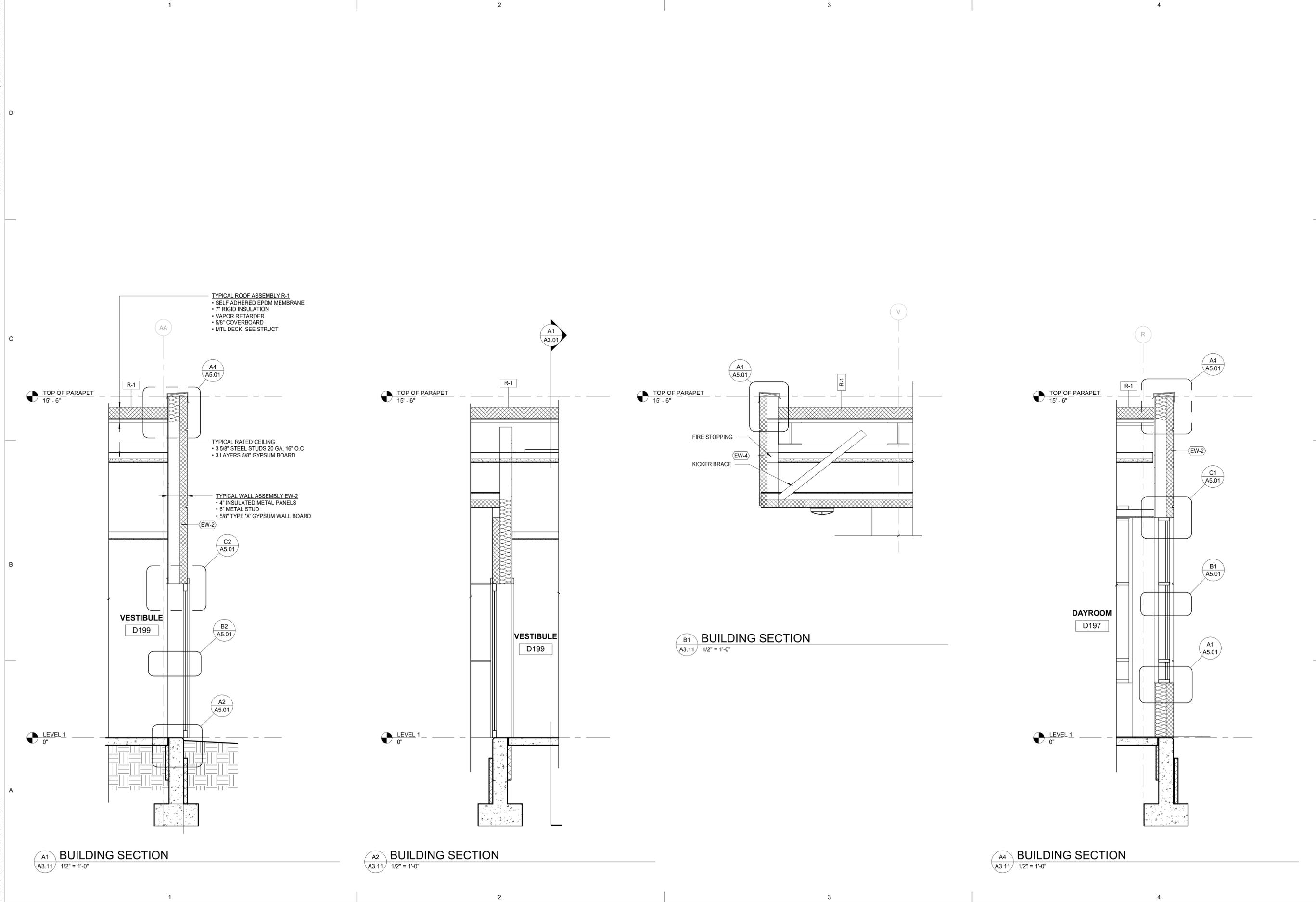
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Sheet Contents  
BUILDING SECTIONS

Sheet No.  
**A3.01**



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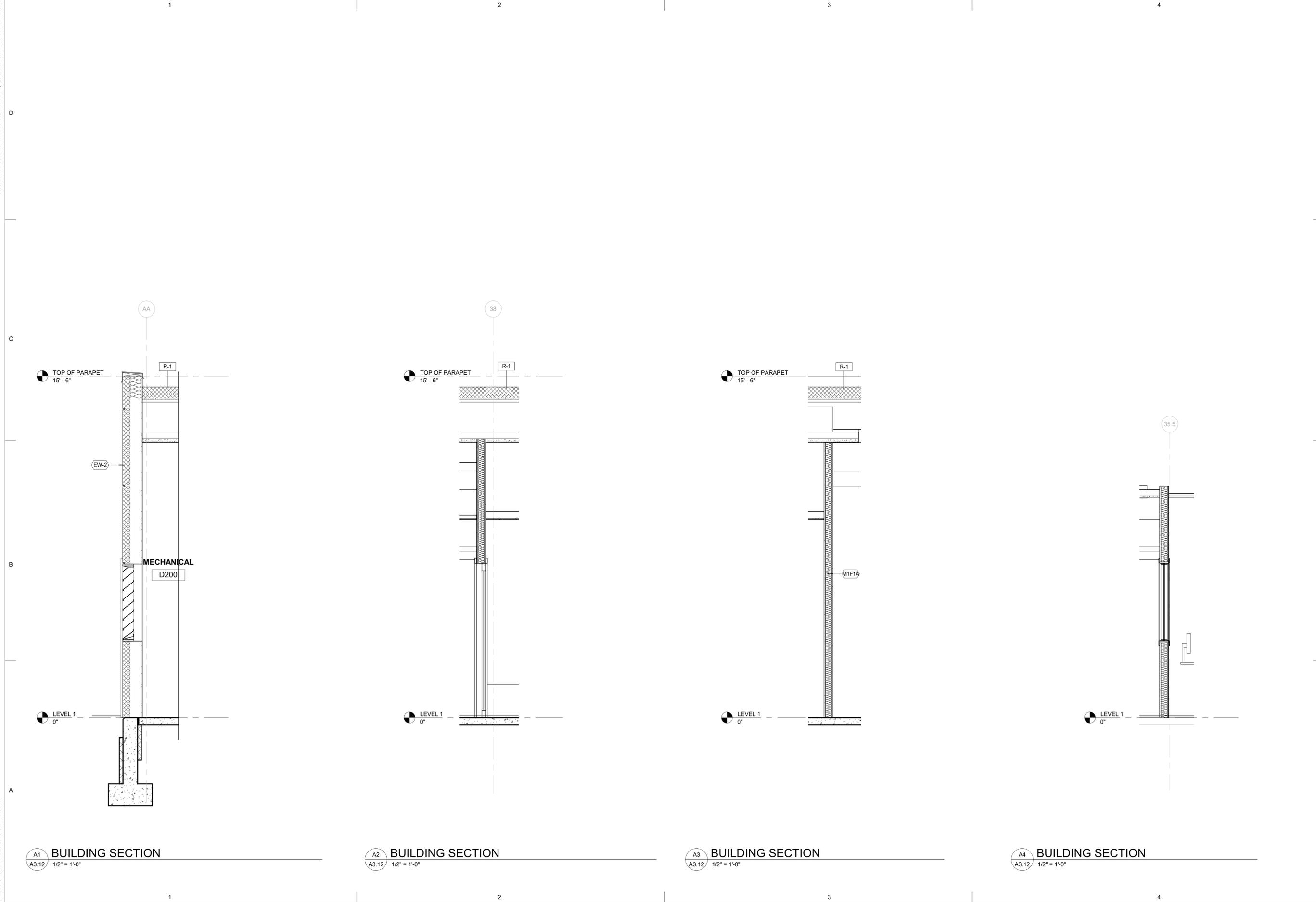
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No.	Description	Date

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Sheet Contents  
WALL SECTIONS

Sheet No.  
**A3.11**



A1 BUILDING SECTION  
A3.12 1/2" = 1'-0"

A2 BUILDING SECTION  
A3.12 1/2" = 1'-0"

A3 BUILDING SECTION  
A3.12 1/2" = 1'-0"

A4 BUILDING SECTION  
A3.12 1/2" = 1'-0"

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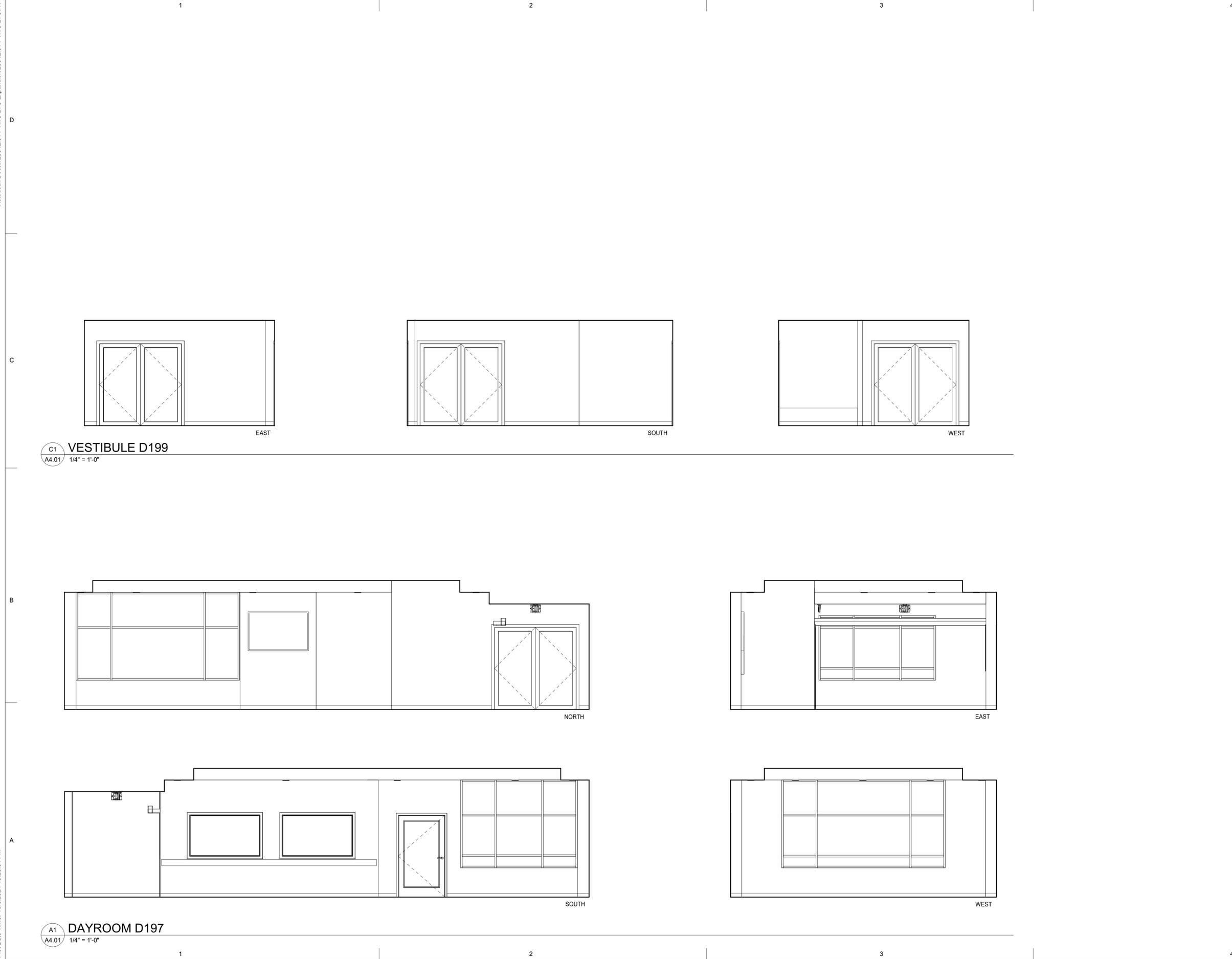
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Sheet Contents  
WALL SECTIONS

Sheet No.  
**A3.12**



C1 VESTIBULE D199  
A4.01 1/4" = 1'-0"

A1 DAYROOM D197  
A4.01 1/4" = 1'-0"

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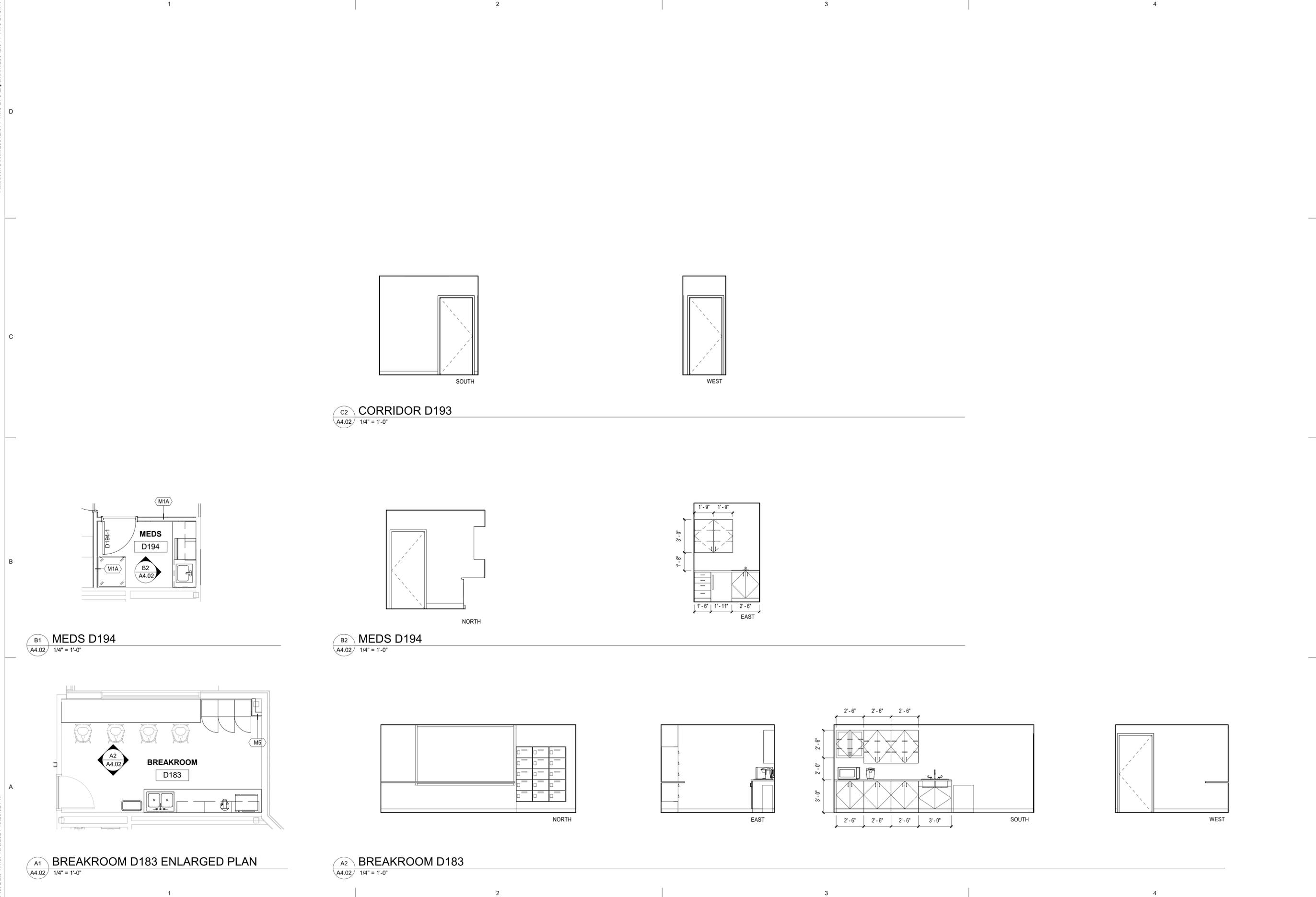
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Sheet Contents  
INTERIOR ELEVATIONS

Sheet No.  
**A4.01**



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Sheet Contents  
INTERIOR ELEVATIONS

Sheet No.  
**A4.02**

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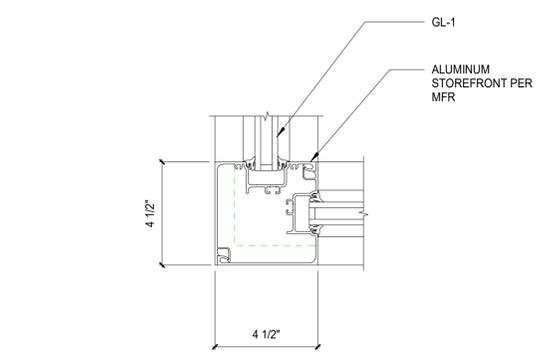
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No.	Description	Date

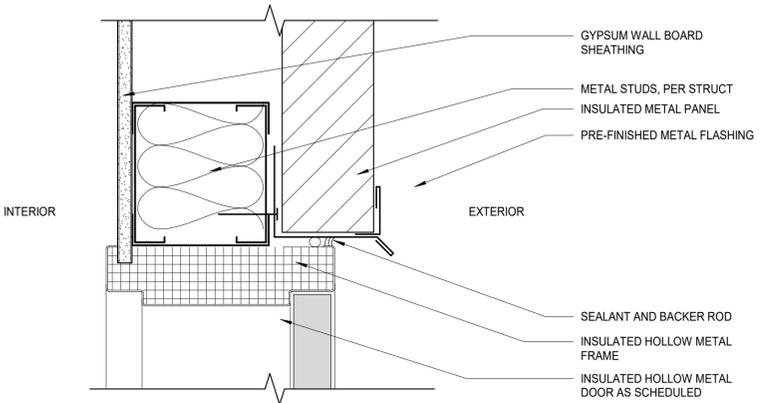
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Sheet Contents  
EXTERIOR DETAILS

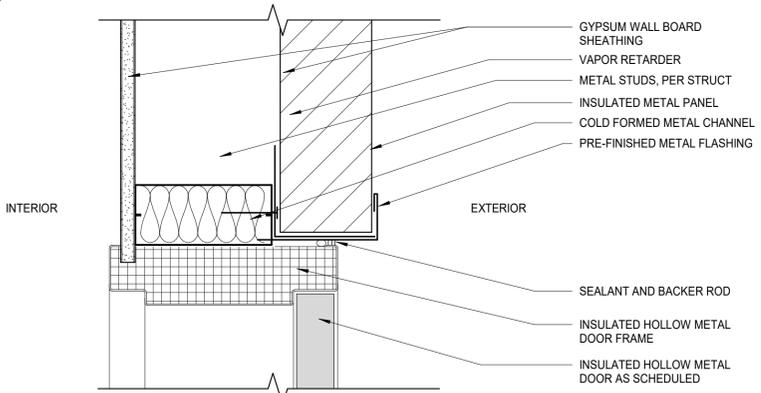
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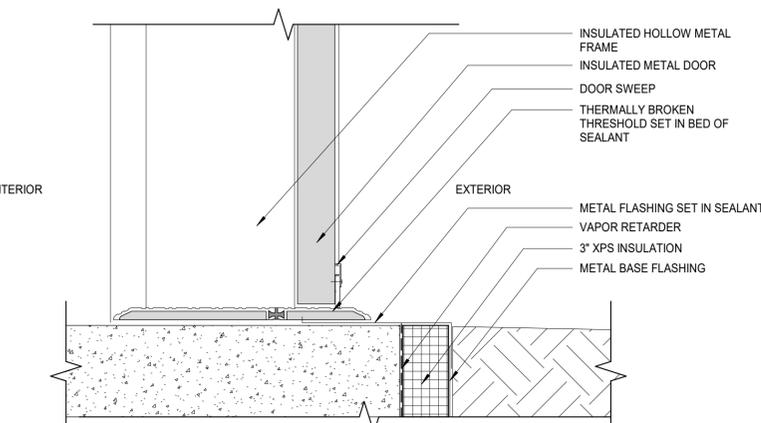
**C4 STOREFRONT CORNER DETAIL**  
A5.01 3" = 1'-0"



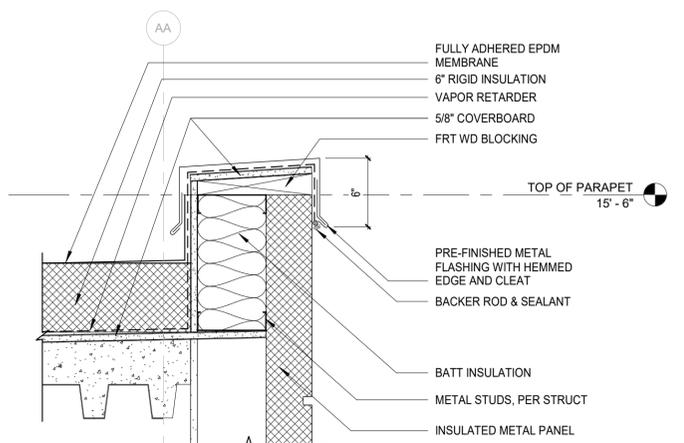
**C2 TYPICAL EXTERIOR DOOR HEADER DETAIL**  
A5.01 3" = 1'-0"



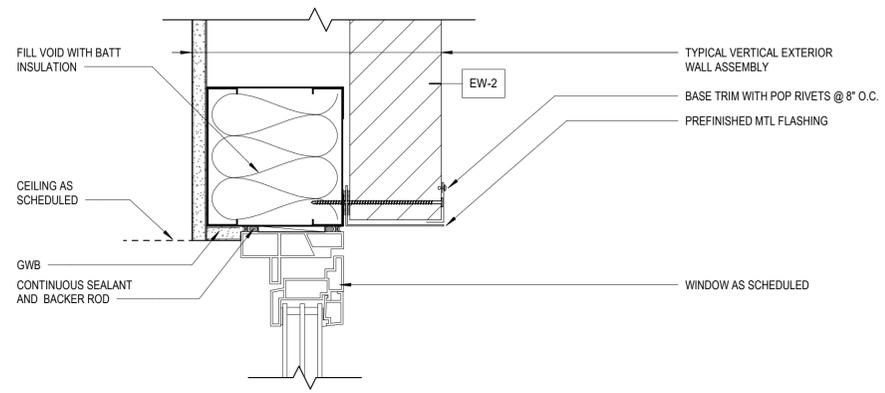
**B2 TYPICAL EXTERIOR DOOR JAMB DETAIL**  
A5.01 3" = 1'-0"



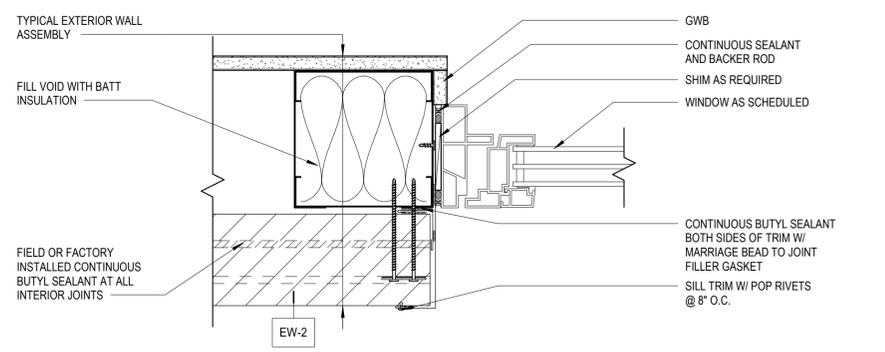
**A2 TYPICAL EXTERIOR DOOR THRESHOLD DETAIL**  
A5.01 3" = 1'-0"



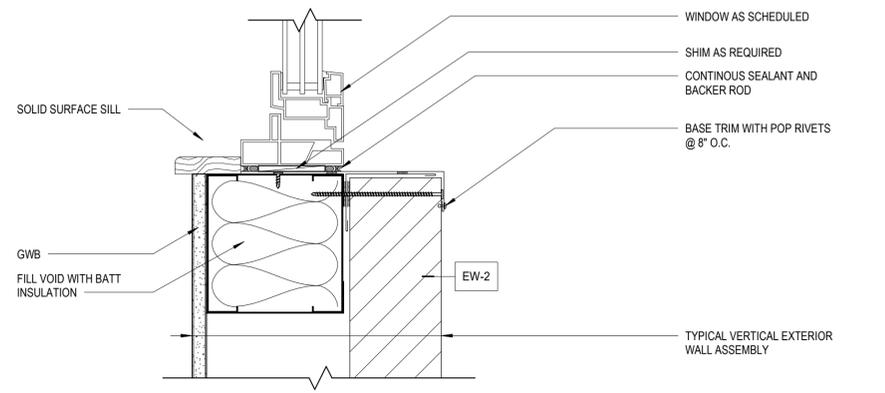
**A4 TYPICAL PARAPET DETAIL**  
A5.01 1 1/2" = 1'-0"



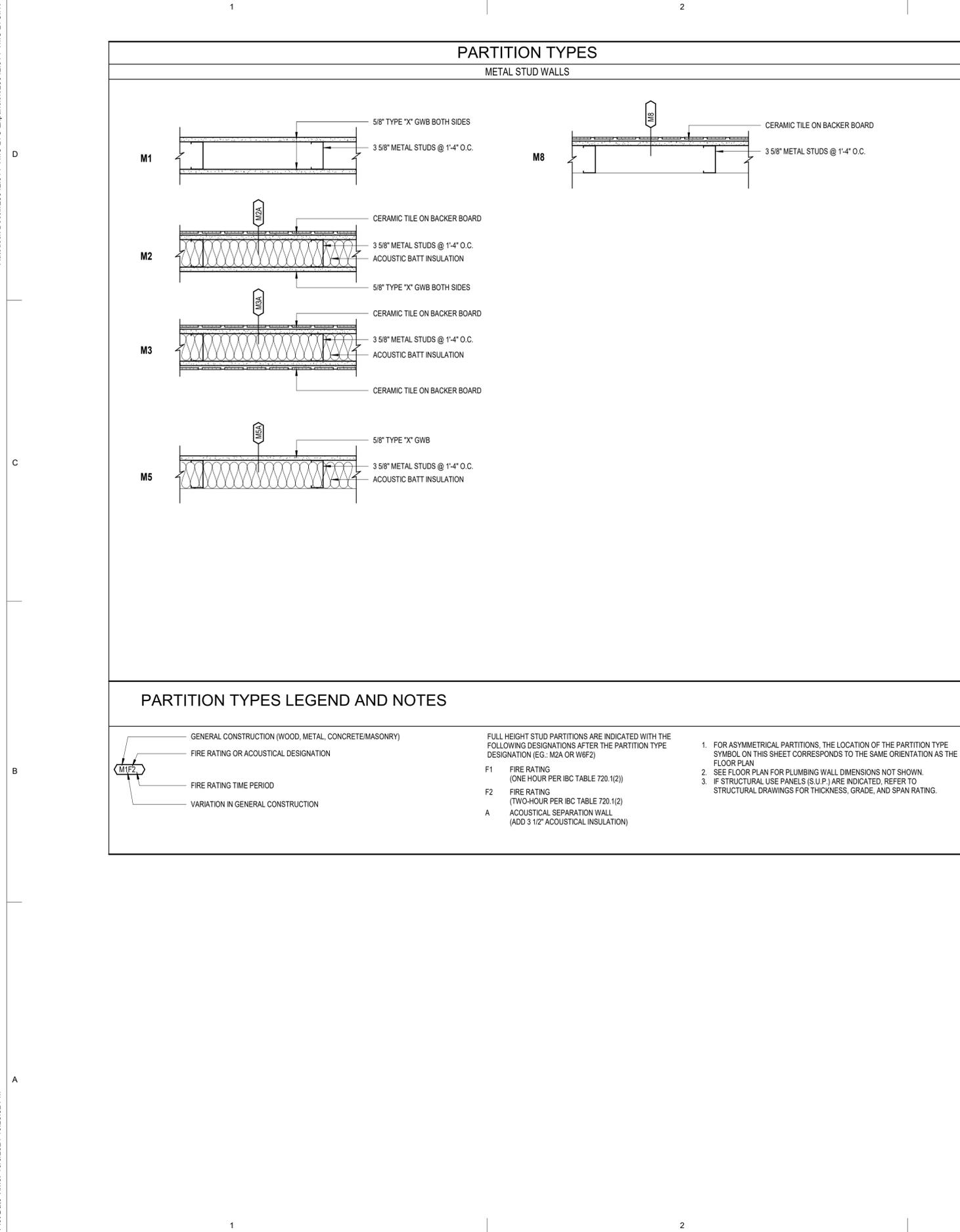
**C1 TYPICAL WINDOW HEAD DETAIL**  
A5.01 3" = 1'-0"



**B1 TYPICAL WINDOW JAMB DETAIL**  
A5.01 3" = 1'-0"



**A1 TYPICAL WINDOW SILL DETAIL**  
A5.01 3" = 1'-0"



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Sheet Contents  
WALL TYPES

Sheet No.  
**A6.01**



# GENERAL NOTES

THE FOLLOWING NOTES APPLY UNLESS INDICATED OTHERWISE:

### CODE:

INTERNATIONAL BUILDING CODE, 2018 EDITION.

### DESIGN SOIL PRESSURE:

3,500 PSF MAX DEAD + LIVE LOAD. FOUNDATION DESIGN BASED ON GEOTECHNICAL REPORT BY \_\_\_\_\_ ENGINEERS, DATED \_\_\_\_\_.

CAST FOOTINGS: " - " MINIMUM BELOW FINISHED GRADE. **[SPECIAL INSPECTION REQUIRED.]** CAST SLAB ON GRADE OVER " THICK COMPACTED GRANULAR FILL OVER COMPACTED SUBGRADE. CONSULT CIVIL DRAWINGS FOR FOUNDATION AND EXCAVATION INFORMATION.

### DESIGN LOADS:

RISK CATEGORY = IV, ESSENTIAL FACILITIES

ROOF SNOW = Pg = 160 PSF, Pf = 135 PSF  
I = 1.2, Ce = 1.0, Ct = 1.0

SNOW DRIFT = ASCE 7-16, CHAPTER 7

WIND = 141 MPH 3-SECOND GUST ULTIMATE DESIGN  
WIND SPEED  
EXPOSURE B  
(Gcpi) = +/- 0.18

COMPONENTS AND CLADDING LOADS FOR DEFERRED SUBMITTALS (10 SF TRIBUTARY AREA)

WALL - WITHIN \_\_\_\_\_ FT OF OUTSIDE CORNERS = \_\_\_\_\_ PSF  
REMAINDER OF WALL = \_\_\_\_\_ PSF  
ROOF - WITHIN \_\_\_\_\_ FT OF ROOF CORNERS = \_\_\_\_\_ PSF  
WITHIN \_\_\_\_\_ FT OF ROOF EDGES = \_\_\_\_\_ PSF  
REMAINDER OF ROOF = \_\_\_\_\_ PSF

SEISMIC = I = 1.5  
Ss = 1.5, S1 = 0.77  
SOIL SITE CLASS D  
Sds = 1.00, Sd1 = 0.77  
SEISMIC DESIGN CATEGORY \_\_\_\_\_  
BASIC SEISMIC FORCE RESISTING SYSTEM:  
SPECIAL STEEL CONCENTRIC BRACED FRAME  
DESIGN BASE SHEAR = \_\_\_\_\_ K,  
Cs = 0.25, R = 6, OMEGA = 2.0  
EQUIVALENT LATERAL FORCE ANALYSIS

### REINFORCED CONCRETE:

ALL CONCRETE - fc = 4,000 PSI, MAXIMUM W/C = 0.50. SUBMIT MIX DESIGN. SEE SPECIFICATIONS FOR ADMIXTURES. SPECIAL INSPECTION REQUIRED.

UNLESS OTHERWISE NOTED, REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60. PROVIDE CLASS B SPLICE. SUBMIT REINFORCING STEEL SHOP DRAWINGS WITH DETAILS PER ACI 315 MANUAL OF STANDARD PRACTICE.

ASTM A706, GRADE 60, REINFORCING STEEL SHALL BE USED FOR:  
• WELDED OR FIELD-BENT BARS.

CONCRETE COVER:

FOOTINGS 3". WALLS 1", EXCEPT 1 1/2" WHERE EXPOSED TO WEATHER AND 2" AGAINST EARTH. COLUMNS 1 1/2" TO STIRRUPS OR TIES. SLABS ON GRADE 1 1/2".

FOOTINGS:

PROVIDE 2-#5 LONGITUDINAL BOTTOM BARS IN WALL FOOTINGS. PROVIDE CORNER BARS OF SAME SIZE AND NUMBER AT CORNERS AND INTERSECTIONS, \_\_\_\_\_ DIA. EACH LEG.

SLABS ON GRADE:

RIGIDLY SUPPORT BARS WITH CONCRETE BLOCKS OR APPROVED ACCESSORIES.

PROVIDE SLAB REINFORCING AS FOLLOWS:  
4" SLAB ON GRADE, #3 @ 15" EACH WAY, 1 1/2" FROM TOP,

WALLS:

REINFORCE AS FOLLOWS:  
8" WALLS, #5 @ 15" HORIZONTAL AND VERTICAL @ CENTER OF WALL,

AT OPENINGS OVER 12" SQUARE, PROVIDE 2-#5 BARS AT CENTER OF WALL ALL FOUR SIDES, EXCEPT 10" WALLS AND OVER PROVIDE 1-#6 BAR EACH FACE ALL FOUR SIDES, EXTENDING \_\_\_\_\_ DIA. PAST OPENING. PROVIDE 1-# 5x4'-0" DIAGONAL BAR AT CENTER OF WALL ALL FOUR CORNERS.

AT CORNERS, PROVIDE CORNER BARS IN OUTSIDE FACE OF SAME SIZE AND SPACING AS HORIZONTAL BARS, \_\_\_\_\_ DIA. EACH LEG.

AT INTERSECTIONS, PROVIDE CORNER BARS OF SAME SIZE, NUMBER AND SPACING AS HORIZONTAL BARS OF INTERSECTING WALL, \_\_\_\_\_ DIA. EACH LEG.

PROVIDE 2-#5 LONGITUDINAL BARS AT TOP OF WALLS. PROVIDE ROUGHENED SURFACE AT CONSTRUCTION JOINTS.

PROVIDE VERTICAL DOWELS OF SAME SIZE, NUMBER AND SPACING AS VERTICAL BARS.

GROUT:

GROUT - 5,000 PSI MINIMUM 7-DAY CUBE STRENGTH PER ASTM C1107. GROUT TO BE PREMIXED, NONMETALLIC, SHRINKAGE-RESISTANT GROUT PER ASTM C1107. USE SPECIFIC GROUT MIX RECOMMENDED BY MANUFACTURER FOR EACH GROUT APPLICATION AND FOLLOW MANUFACTURER'S INSTRUCTIONS.

ANCHOR BOLTS:

ANCHOR BOLTS, ASTM A307 OR F1554, GRADE 36 (**55 - S1, 105**). EMBED HEADED END OR PROVIDE DOUBLE NUT OR SINGLE NUT WITH MARRED THREADS ABOVE AND BELOW NUT. WELDING, INCLUDING TACK WELDS, TO ANCHOR BOLTS IS NOT PERMITTED. SPECIAL INSPECTION REQUIRED. SET ALL ANCHOR BOLTS BY TEMPLATE.

DRILL-IN EXPANSION ANCHORS:

"POWER-STUD+ SD2" BY DEWALT OR APPROVED EQUAL. ICC-ES CERTIFICATION FOR SEISMIC RESISTANCE IN CRACKED CONCRETE REQUIRED. SPECIAL INSPECTION REQUIRED.

DRILL-IN ADHESIVE ANCHORS:

"PURE110+" ADHESIVE BY DEWALT OR APPROVED EQUAL. ICC-ES CERTIFICATION FOR SEISMIC RESISTANCE IN CRACKED CONCRETE REQUIRED. SPECIAL INSPECTION REQUIRED.

CONCRETE SCREW ANCHORS:

"SCREW-BOLT+" BY DEWALT OR APPROVED EQUAL. ICC-ES CERTIFICATION FOR SEISMIC LOAD RESISTANCE IN CRACKED CONCRETE REQUIRED. SPECIAL INSPECTION REQUIRED.

### STRUCTURAL STEEL:

ALL STEEL ASTM A36, EXCEPT WIDE FLANGE SECTIONS TO BE ASTM A992, OR A572-50, TUBE SECTIONS TO BE ASTM A500 GRADE C, AND PIPE SECTIONS TO BE ASTM A53 TYPE E GRADE B. SPECIAL INSPECTION REQUIRED. FABRICATION AND ERECTION PER AISC SPECIFICATIONS. FABRICATOR SHALL PARTICIPATE IN AISC QUALITY CERTIFICATION PROGRAM AND BE DESIGNATED AN AISC CERTIFIED PLANT, CATEGORY BU. SUBMIT SHOP DRAWINGS.

WELDING PER AWS D1.1. MINIMUM SIZE WELDS 3/16" CONTINUOUS FILLET. WELDERS CERTIFIED PER AMERICAN WELDING SOCIETY FOR ROD AND POSITION. ELECTRODES SHALL BE E70XX MINIMUM, WITH MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FT-LB AT -20 DEG F.

HIGH-STRENGTH BOLTS PER ASTM F3125 TYPE 1, GRADE A325 OR F1852. TYPICAL BOLTED CONNECTIONS - PRETENSIONED. FAYING SURFACES IN BOLTED CONNECTIONS RESISTING SEISMIC LOADS SHALL BE PREPARED AS REQUIRED FOR CLASS A OR BETTER SLIP CRITICAL JOINTS. TENSION HIGH-STRENGTH BOLTS BY DIRECT TENSION INDICATOR METHOD USING LOAD INDICATOR DEVICES INSTALLED PER MANUFACTURER'S INSTRUCTIONS.

APPLY ONE COAT OF SHOP PAINT TO ALL STEEL EXCEPT FOR CONTACT SURFACES IN BOLTED PARTS, SURFACES EMBEDDED IN CONCRETE, AREAS TO BE FIELD WELDED OR SURFACES WITH SPRAY-ON FIREPROOFING.

### STEEL DECKING:

STEEL DECKING DESIGNED, MANUFACTURED AND INSTALLED PER STEEL DECK INSTITUTE SPECIFICATIONS. ICC-ES CERTIFICATION REQUIRED. SUBMIT SHOP DRAWINGS. G60 GALVANIZED FINISH ON ALL DECKING.

ROOF DECKING:

1 1/2" DP X 20 GA TYPE B DECK, lmin = 0.219 IN4/FOOT, Smin = 0.230 IN3/FOOT.

ROOF DECKING TO BE CONTINUOUS OVER 3 SPANS MINIMUM. DIAPHRAGM SHEAR CAPACITY - \_\_\_\_\_ PLF. ANCHOR TO SUPPORTS TO RESIST A \_\_\_\_\_ PSF UPLIFT.

FASTEN ROOF DECK UNITS TO STEEL AT TRANSVERSE AND END SUPPORTS WITH 7/8" VISUAL DIAMETER SPOT WELDS AT \_\_\_\_\_ ON CENTER. FASTEN UNITS TO STEEL AT SIDE SUPPORTS WITH 7/8" VISUAL DIAMETER SPOT WELDS AT \_\_\_\_\_ ON CENTER. FASTEN SIDE LAPS OF ADJACENT UNITS WITH BUTTON PUNCH AT \_\_\_\_\_ ON CENTER.

PROVIDE ADDITIONAL STEEL REINFORCEMENT AND CLOSURE PIECES AS REQUIRED FOR STRENGTH, CONTINUITY OF DECKING AND SUPPORT OF OTHER WORK.

### COLD-FORMED STEEL FRAMING:

GALVANIZED STEEL SHALL BE ASTM A653 FOR NON-LOAD BEARING STUDS AND ASTM A1003 FOR LOAD BEARING STUDS. Fy = 50 KSI, EXCEPT 43 MIL AND LIGHTER SHALL BE Fy = 33 KSI. ALL STRUCTURAL MEMBERS SHALL BE DESIGNED IN ACCORDANCE WITH AISI SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS.

WALL STUDS - \_\_\_\_\_ x \_\_\_\_\_ MIL, lmin = 1. \_\_\_\_\_ IN4 Smin = 0. \_\_\_\_\_ IN3.

### DEFERRED SUBMITTALS:

THE DESIGN OF THE FOLLOWING ELEMENTS SHALL BE DEFERRED SUBMITTALS AND SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW PRIOR TO SUBMITAL TO THE LOCAL BUILDING DEPARTMENT:

STEEL FABRICATOR'S AISC CERTIFICATION, CATEGORY BU (**OR IF not AISC certification then shop special inspection is required and needs to be included below and in the inspection Program**)  
EXTERIOR COLD FORMED STEEL STUD WALL SYSTEMS  
CURTAIN WALL DESIGN

EACH SUBMITTAL SHALL INCLUDE DRAWINGS STAMPED BY A DESIGN PROFESSIONAL LICENSED IN THE STATE OF ALASKA AND SUPPORTING CALCULATIONS. REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR OTHER DEFERRED SUBMITTALS.

### MISCELLANEOUS:

CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS, MEMBER SIZES AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS ARE INTENDED AS GUIDELINES ONLY AND MUST BE VERIFIED. THE EXISTING CONDITIONS SHOWN ON THE DRAWINGS ARE BASED ON EITHER SITE OBSERVATION, ORIGINAL DRAWINGS OR WERE ASSUMED BASED ON EXPECTED CONDITIONS. IF THE EXISTING CONDITIONS DO NOT CLOSELY MATCH THE CONDITIONS SHOWN ON THE DRAWINGS, OR IF THE EXISTING MATERIALS ARE OF QUESTIONABLE OR SUBSTANDARD QUALITY, NOTIFY THE ARCHITECT PRIOR TO COMMENCING ANY WORK.

DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND STRUCTURAL ENGINEER.

REFER TO ARCHITECTURAL DRAWINGS FOR WALL OPENINGS, ARCHITECTURAL TREATMENT AND DIMENSIONS NOT SHOWN.

REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR SIZE AND LOCATION OF DUCT OPENINGS, PIPING, CONDUITS, ETC, NOT SHOWN.

SHOP DRAWINGS SHALL BE SUBMITTED AND REVIEWED PRIOR TO FABRICATION.

PROVIDE TEMPORARY ERECTION BRACING AND SHORING AS REQUIRED FOR STABILITY OF THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION.

REFER TO SPECIFICATIONS FOR INFORMATION NOT CONTAINED IN THESE GENERAL NOTES.



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Revisions		
No.	Description	Date

Drawn by REB	Date 10/14/2024
Checked DLB	Job No. 223131

Sheet Contents  
GENERAL NOTES

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**S0.01**

### TYPICAL ABBREVIATIONS

(A)	ABOVE	FD	FLOOR DRAIN	P/C	PRECAST
AB	ANCHOR BOLT	FDN	FOUNDATION	PCWT	PLATE-CONNECTED WOOD TRUSS
ACI	AMERICAN CONCRETE INSTITUTE	FIN	FINISH, FINISHED	PEMB	PRE-ENGINEERED METAL BUILDING
ADDL	ADDITIONAL	FF	FINISHED FLOOR	PERP	PERPENDICULAR
ADJ	ADJACENT	FLG	FLANGE	PJ	PANEL JOINT
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL	FLR	FLOOR	PL	PLATE (STEEL OR WOOD)
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	FOS	FACE OF STUDS	PLCS	PLACES
AISI	AMERICAN IRON AND STEEL INSTITUTE	FRP	FIRE RESISTANT TREATED PLYWOOD	PLWD	PLYWOOD
AITC	AMERICAN INSTITUTE OF TIMBER CONSTRUCTION	FRT	FIRE RESISTANT TREATED (LUMBER)	PP	PARTIAL PENETRATION
ALT	ALTERNATE	FS	FINISH SLAB ELEVATION, FAR SIDE	PSF	POUNDS PER SQUARE FOOT
ALUM	ALUMINUM	FT OR'	FOOT, FEET	PSI	POUNDS PER SQUARE INCH
ARCH	ARCHITECT, ARCHITECTURAL	FTG	FOOTING	PSL	PARALLEL STRAND LUMBER
@	AT	FV	FIELD VERIFY	PT	PRESSURE TREATED
APPROX	APPROXIMATELY	GA	GAUGE, GAGE	P/T	POST TENSION
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	GALV	GALVANIZED	PVC	POLYVINYL CHLORIDE
ASTM	AMERICAN SOCIETY FOR TESTING MATERIAL	GEN	GENERAL	R	RADIUS
AWS	AMERICAN WELDING SOCIETY	GL	GLUE LAMINATED	RD	ROOF DRAIN, ROUND
&	AND	GWB	GYP SUM WALL BOARD	REF	REFERENCE
		GYP	GYP SUM	REIN	REINFORCING, REINFORCEMENT, REINFORCED
(B)	BELOW	HDG	HOT DIPPED GALVANIZED	REQD	REQUIRED
BD	BOARD	HORIZ	HORIZONTAL	RO	ROUGH OPENING
BLDG	BUILDING	HP	HP STEEL SHAPE	RS	RING SHANK
BLK	BLOCK	HSB	HIGH STRENGTH BOLT	S	AMERICAN STANDARD STEEL SHAPE, SOUTH
BLKG	BLOCKING	HSS	HOLLOW STRUCTURAL SECTION	SCHED	SCHEDULE
BOD	BOTTOM OF DECK ELEVATION	HT	HEIGHT	SEC	SECTION
BM	BEAM	IBC	INTERNATIONAL BUILDING CODE	SHT	SHEET
BOT	BOTTOM	ID	INSIDE DIAMETER	SHTG	SHEETING
BRG	BEARING	IF	INSIDE FACE	SHTHG	SHEETING
BRK	BRICK	IMP	INSULATED METAL PANEL	SIM	SIMILAR
BSMT	BASEMENT	IN OR #	INCH	SIP	STRUCTURAL INSULATED PANEL
BTWN	BETWEEN	INCL	INCLUDE	SLBB	SHORT LEGS BACK TO BACK
		INSUL	INSULATION, INSULATED, INSULATE	SMS	SHEET METAL SCREWS
C	AMERICAN CHANNELS	INT	INTERIOR	SOG	CONCRETE SLAB ON GRADE
CG	CENTER OF GRAVITY	JT	JOINT	SPA	SPACE, SPACING, SPACES
CJ	CONSTRUCTION JOINT	JST	JOIST	SPEC	SPECIFICATION
CIP	CAST-IN-PLACE	K	KIP, KIPS	SQ	SQUARE
CL	CENTER LINE	KSI	KIPS PER SQUARE INCH	SS	STAINLESS STEEL
CJP	COMPLETE JOINT PENETRATION	LB OR #	POUND	SSL	SHORT SLOTTED HOLES
CLR	CLEAR	LLBB	LONG LEG BACK TO BACK	ST	STRUCTURAL T FROM S SERIES SECTION
CMP	CORRUGATED METAL PIPE	LLH	LONG LEGS HORIZONTAL	STD	STANDARD
CMU	CONCRETE MASONRY UNIT	LLV	LONG LEGS VERTICAL	STIFF	STIFFENER
CO	CLEANOUT, CONCRETE OPENING	LONGIT	LONGITUDINAL	STL	STEEL
COL	COLUMN	LSL	LONG SLOTTED HOLES	STRUCT	STRUCTURAL
CONC	CONCRETE	LT	LIGHT	SUPT	SUPPORT
CONN	CONNECTION	LT WT	LIGHT WEIGHT	SUSP	SUSPENDED
CONSTR	CONSTRUCTION	L	ANGLE	SYMM	SYMMETRICAL
CONT	CONTINUOUS	LVF	LOW VELOCITY FASTENERS	T	TOP
CONTR	CONTRACTOR	LVL	LAMINATED VENEER LUMBER	T&G	TONGUE AND GROOVE
CSA	CONCRETE SCREW ANCHOR	M	MISCELLANEOUS SHAPE	TEMP	TEMPERATURE, TEMPORARY
CTJ	CONTROL JOINT, CONTRACTION JOINT	MATL	MATERIAL	THK	THICK
CTR	CENTER	MAX	MAXIMUM	THRU	THROUGH
CU	CUBIC	MC	MISCELLANEOUS CHANNEL SECTION	TOB	TOP OF BEAM ELEVATION
		MECH	MECHANICAL	TOC	TOP OF CONCRETE ELEVATION,
DBL	DOUBLE	MFR	MANUFACTURER	TOF	TOP OF FOOTING ELEVATION
DEPT	DEPARTMENT	MFRG	MANUFACTURING	TOSH	TOP OF SHEATHING ELEVATION
DET	DETAIL	MIN	MINIMUM	TOW	TOP OF WALL ELEVATION
DIA, Ø	DIAMETER	MISC	MISCELLANEOUS	TP	TOP OF PAVEMENT
DIAA	DRILLED-IN ADHESIVE ANCHOR	MT	STRUCTURAL TEE FROM	TRANS	TRANSVERSE
DIAB	DRILLED-IN ADHESIVE BOLT	MTL	M SERIES SECTION	TS	STRUCTURAL TUBE
DIAG	DIAGONAL	N	METAL	TYP	TYPICAL
DIAPH	DIAPHRAGM	NDT	NORTH	UL	UNDERWRITERS LABORATORY
DIEB	DRILLED-IN EXPANSION BOLT	NDT	NON-DESTRUCTIVE TESTING	UON	UNLESS OTHERWISE NOTED
DIM	DIMENSION	NF	NEAR FACE	UT	ULTRASONIC TEST
DN	DOWN	NIC	NOT IN CONTRACT	VERT	VERTICAL
do	DITTO	No OR #	NUMBER	W	WEST, W SERIES SECTION
DP	DEEP	NOM	NOMINAL	W/	WITH
DWG	DRAWING	NS	NEAR SIDE	W/O	WITHOUT
DWL	DOWEL	NSG	NON-SHRINK GROUT	WD	WOOD
		NTS	NOT TO SCALE	WHS	WELDED HEADED STUD
E	EAST	OC	ON CENTER	WP	WORK POINT
EA	EACH	OD	OUTSIDE DIAMETER	WT	WEIGHT, STRUCTURAL TEE FROM W SERIES
EF	EACH FACE	OF	OUTSIDE FACE	WWF	SECTION
EL	ELEVATION (HEIGHT)	OPNG	OPENING	YD	WELDED WIRE FABRIC
ELEC	ELECTRICAL	OPP	OPPOSITE		YARD
ELEV	ELEVATOR	OSB	ORIENTED STRAND BOARD		
ENGR	ENGINEER	OVS	OVERSIZED		
EOD	EDGE OF DECK				
EQ	EQUAL				
EQUIP	EQUIPMENT				
ES	EACH SIDE				
EW	EACH WAY				
EXIST, (E)	EXISTING				
EXP	EXPANSION				
EXT	EXTERIOR				



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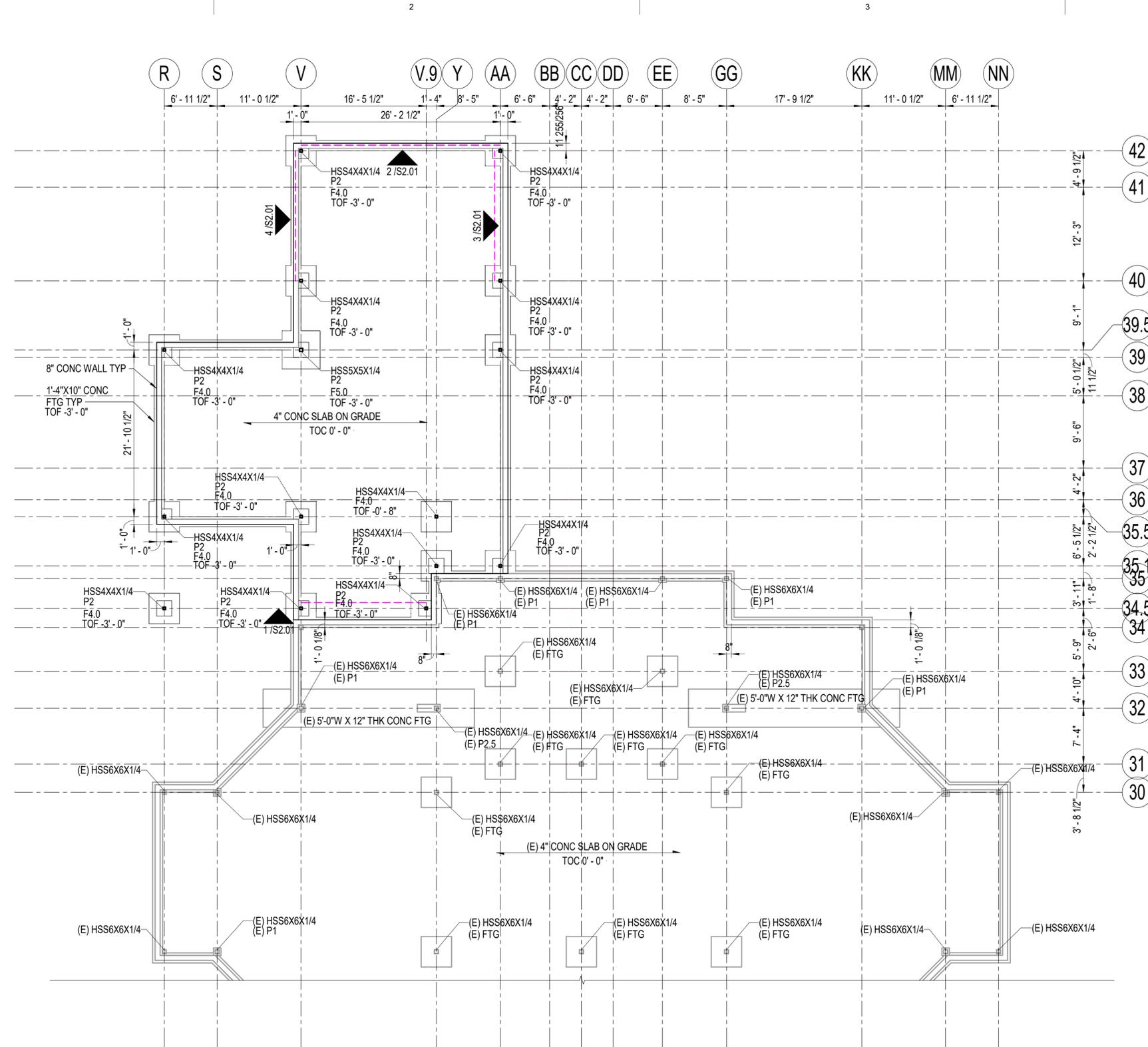
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ABBREVIATIONS

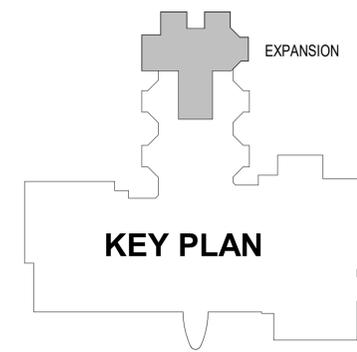
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**1 FOUNDATION PLAN**  
1/8" = 1'-0"



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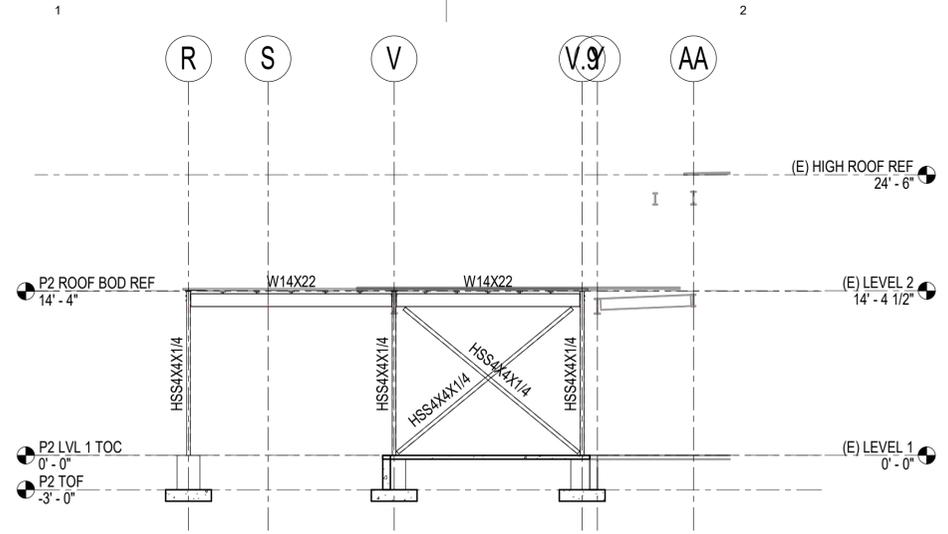
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1	35% UPDATES	3/12/24

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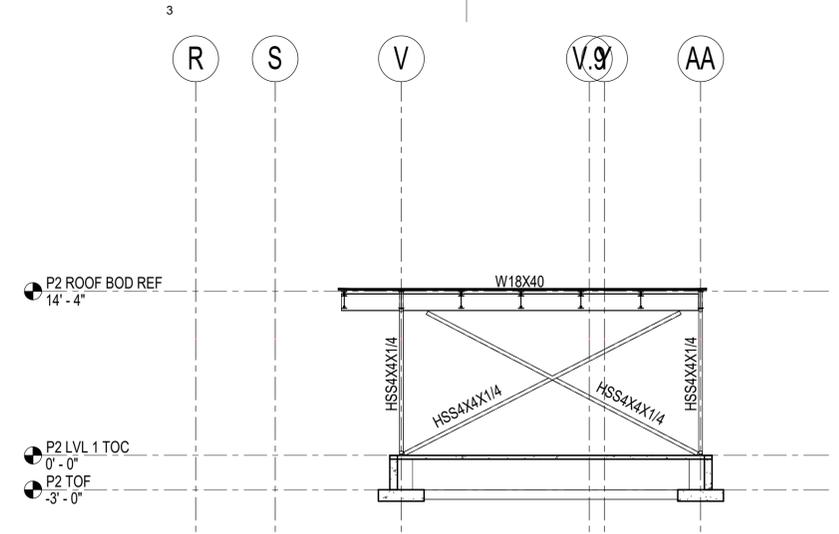
Sheet Contents  
FOUNDATION PLAN

Sheet No.  
**S1.01**

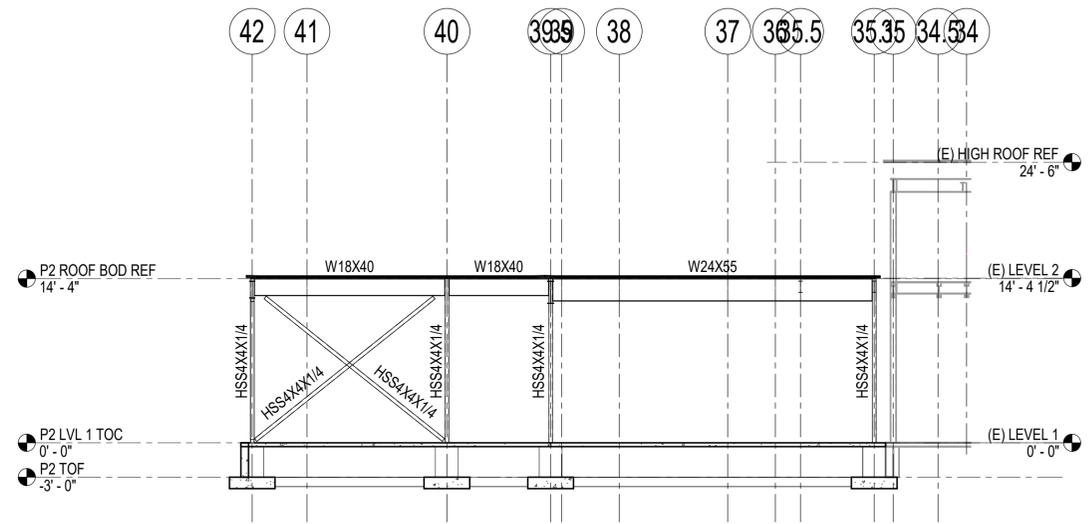




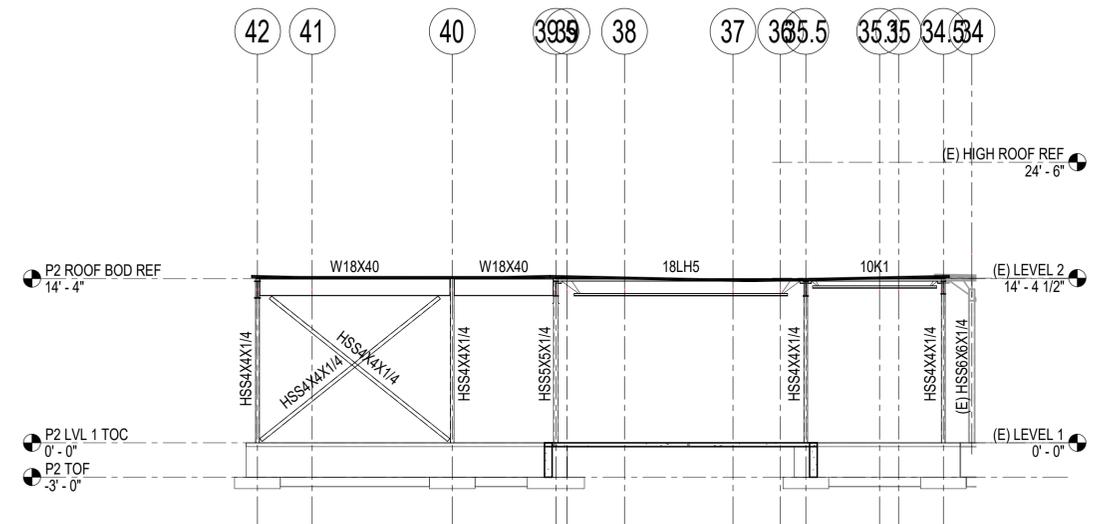
1 GRID 34.5 - BRACE FRAME ELEVATION  
1/8" = 1'-0"



2 GRID 42 - BRACE FRAME ELEVATION  
1/8" = 1'-0"



3 GRID AA - BRACE FRAME ELEVATION  
1/8" = 1'-0"



4 GRID V - BRACE FRAME ELEVATION  
1/8" = 1'-0"

AECC561

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No.	Description	Date

Drawn by REB	Date 10/4/2024
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BRACE FRAME ELEVATIONS

Sheet No.  
**S2.01**

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GENERAL NOTES	
1.	DRAWING INFORMATION IS BASED UPON AVAILABLE OWNER DRAWINGS AND LIMITED FIELD VERIFICATION. DRAWING INFORMATION DOES NOT REPRESENT AS-BUILT CONDITIONS. FIELD VERIFY ALL INFORMATION INCLUDING PIPES, DUCTS, AND EQUIPMENT LOCATIONS, ROUTING, CONTROLS, AND APPURTENANCES PRIOR TO START OF WORK.
2.	FIELD COORDINATE THE EXACT LOCATIONS OF EQUIPMENT, PIPING, DUCT WORK, AND CONTROLS WITH EXISTING AND NEW WORK, INCLUDING RATED ASSEMBLIES, CONSTRUCTION PHASING AND STRUCTURAL REQUIREMENTS.
3.	REMOVE ABANDONED OR INDICATED FOR DEMOLITION PIPES, DUCTS, MEDICAL GAS LINES, EQUIPMENT AND CONTROLS. REMOVE BRACKETS, STEMS, HANGERS, CONDUIT, CONDUCTORS, DEVICES AND OTHER ACCESSORIES.
4.	PLUG, PATCH, REPAIR HOLES AND SURFACES. REFINISH SURFACE AND REPAIR ASSEMBLIES TO MATCH EXISTING FIRE, TEMPERATURE, AND/OR SMOKE RATINGS. REPAIR ALL DAMAGED SURFACES, INSULATION, CEILING TILES AND FIREPROOFING. SEAL ROOM PENETRATIONS TO MAINTAIN PRESSURE RELATIONSHIPS TO ADJACENT SPACES.
5.	OBTAIN FROM FACILITY MAINTENANCE EQUIPMENT TAGS AND BAR CODES; INCORPORATE INFORMATION ON CONTRACTOR, AS-BUILTS, REDLINES AND CONTROLS WORK.
6.	INTERM LIFE SAFETY MEASURES, ILSM. COORDINATE WITH HOSPITAL'S FACILITIES DEPARTMENT TO DETERMINE IF THERE ARE PRE-ESTABLISHED LIFE SAFETY MEASURES APPROPRIATE FOR THE PLANNED PROJECT. APPROVED PROJECT INTERM LIFE SAFETY MEASURES SHALL BE FOLLOWED, MAINTAINED ON-SITE, AND PART OF THE PROJECT'S PERMANENT RECORD.
7.	CONTRACTOR SHALL OBTAIN AND REVIEW EQUIPMENT VENDORS PREINSTALLATION/INSTALLATION DRAWINGS AND MANUALS BEFORE STARTING WORK. CONFLICTS BETWEEN VENDOR REQUIREMENTS AND CONTRACT DOCUMENTS SHALL BE RESOLVED WITH OWNER AND ENGINEER BEFORE STARTING WORK. CONFIRM VENDOR FURNISHED EQUIPMENT AND MATERIALS FOR CONTRACTOR INSTALLATION.
8.	SHOP DRAWINGS AND PHASING PLANS SHALL BE REVIEWED BY CONTRACTOR WITH ALL SUB-CONTRACTORS AND SIGNED-OFF AS ACCEPTABLE BEFORE PROCEEDING WITH WORK. COPIES OF SIGNED-OFF DRAWINGS SHALL BE SUBMITTED TO OWNER AND ENGINEER.
9.	COORDINATE PHASING REQUIREMENTS AND ALL SERVICE DISRUPTIONS WITH THE OWNER AND OBTAIN SPECIFIC AGREEMENT OF THE TIMES AND DURATIONS OF SYSTEM DISRUPTIONS BEFORE STARTING WORK. HOSPITAL WILL BE OPERATIONAL DURING CONSTRUCTION.
10.	COORDINATE WITH HOSPITAL'S INFECTION CONTROL FOR CONSTRUCTION AND RENOVATION REQUIREMENTS AND ACCESS PERMITS. WORK IN AND AROUND CLINICAL AREAS SHALL BE CONDUCTED SUCH THAT A DUST-FREE ENVIRONMENT IS MAINTAINED IN ADJACENT CLINICAL AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ISOLATION AND ALL CONSTRUCTION ACTIVITIES TO ENSURE THAT AIR FLOW FROM THE CONSTRUCTION WORKSPACES TO CLINICAL AREAS IS PREVENTED.
11.	ARRANGE WORK TO PROVIDE WORKABLE ACCESS TO SERVICEABLE OR OPERABLE EQUIPMENT. LOCATION OF VALVES, TRAPS, STRAINERS, MOTORS, DAMPER OPERATORS, ETC., SHALL BE EASILY ACCESSIBLE BY A PERSON STANDING ON THE FLOOR. ITEMS NOT IN THE OPEN SHALL BE READILY ACCESSIBLE THROUGH ACCESS OPENINGS IN THE BUILDING CONSTRUCTION. PROVIDE U.L. LISTED ACCESS PANELS TO MATCH FIRE RATING OF ASSEMBLIES.

ABBREVIATIONS			
@	AT	IN HG	INCHES MERCURY
&	AND	IN WC	INCHES WATER COLUMN
#	NUMBER	INSUL	INSULATION
%	PERCENT	IPS	INTERNATIONAL PIPE STANDARD
AD	ACCESS DOOR	K	THERMAL CONDUCTIVITY
AAP	AREA ALARM PANEL	KW	KILOWATT
ADA	AMERICANS WITH DISABILITIES ACT	KWH	KILOWATT HOUR
AF	AREA ABOVE FINISHED FLOOR	LAT	LEAVING AIR TEMPERATURE
AFG	ABOVE FINISHED GRADE	LB/HR	POUNDS PER HOUR
AHJ	AUTHORITY HAVING JURISDICTION	LBS	POUNDS
AHU	AIR-HANDLING UNIT	LF	LINEAR FEET
ALT	ALTERNATE	L	LENGTH
AMB	AMBIENT	LWT	LEAVING WATER TEMPERATURE
AMCA	AIR MOVEMENT AND CONTROL ASSOCIATION	LOC	LOCATION/LOCATED
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	LP	LOW PRESSURE
APD	AIR PRESSURE DROP	LR	LONG RADIUS
APPROX	APPROXIMATE	MAN	MANUAL
AR	ACID RESISTANT	MAT	MIXED AIR TEMPERATURE
ARCH	ARCHITECTURAL	MAV	MANUAL AIR VENT
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	MAX	MAXIMUM
ATM	ATMOSPHERE	MBH	THOUSAND BTU PER HOUR
AUTO	AUTOMATIC	MECH	MECHANICAL
AVG	AVERAGE	MFR	MANUFACTURER
AWG	AMERICAN WIRE GAUGE	MH	MANHOLE
BAS	BUILDING AUTOMATION SYSTEM	MIN	MINIMUM
BDD	BACKDRAFT DAMPER	MPH	MILES PER HOUR
BHP	BRAKE HORSEPOWER, BOILER HORSEPOWER	MTD	MINUTES
BLDG	BUILDING	N/A	NOT APPLICABLE
BLW	BELOW	NC	NORMALLY CLOSED
BOD	BOTTOM OF DUCT	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
BOP	BOTTOM OF PIPE	NO	NORMALLY OPEN, NUMBER
BTU	BRITISH THERMAL UNIT	NTS	NOT TO SCALE
BTUH	BTU PER HOUR	OD	OUTSIDE DIAMETER
C	COMMON, CONDENSATE	OI	OWNER FURNISHED, OWNER INSTALLED
C-C	CENTER TO CENTER	OSA	OUTSIDE AIR
CAP	CAPACITY, END CAP	OZ	OUNCE
CCW	COUNTER-CLOCKWISE	PD	PRESSURE DROP OR DIFFERENCE
CF	COOLING FAN, CIRCULATING FAN, CUBIC FOOT	PG	PROPYLENE GLYCOL
CFM	CUBIC FEET PER MINUTE	PL	PLATE
CI	CAST IRON	PLBG	PLUMBING
CL	CENTER LINE	POC	POINT OF CONNECTION
CLG	CEILING	PNL	PANEL
CMPR	COMPRESSOR	PH	PHASE (ELECTRICAL)
COEF	COEFFICIENT	PH	PARTS PER MILLION
CONC	CONCRETE	PSI	POUNDS PER SQUARE INCH
COND	CONDENSER	PSIA	POUNDS PER SQUARE INCH - ABSOLUTE
CTR	CENTER	PSID	POUNDS PER SQUARE INCH - DIFFERENTIAL
CU	COPPER, CONDENSING UNIT	PSIG	POUNDS PER SQUARE INCH - GAUGE
CU IN	CUBIC INCH	PRESS	PRESSURE
CV	VALVE FLOW COEFFICIENT	PRI	PRIMARY
CW	CLOCKWISE	R-407C,	REFRIGERANT (407C,410A,ETC.)
DB	DECIBEL	R-410A	
DBT	DRY-BULB TEMPERATURE	R/A	RADIANT
DDC	DIRECT DIGITAL CONTROL	RD	REDUCER
DEG °	DEGREE	RECIRC	RECIRCULATE
DEG C	DEGREE CENTIGRADE	RED	REDUCER
DEG F	DEGREE FAHRENHEIT	REFRIG	REFRIGERATION
DEM	DEMOLITION	REV	REVOLUTIONS
DENS	DENSITY	RF	RELIEF FAN OR RETURN FAN
DCM	DIAGRAM	RH	RELATIVE HUMIDITY
DI	DUCTILE IRON	RM	ROOM
DIAM OR Ø	DIAMETER	RPM	REVOLUTIONS PER MINUTE
DIFF	DIFFERENCE OR DELTA	RPS	REVOLUTIONS PER SECOND
DIP	DUCTILE IRON PIPE	S/A	SUPPLY AIR
DISS	DIAMETER-INDEX SAFETY SYSTEM	SAT	SATURATION
DN	DOWN	SCHD	SCHEDULE
DO	DITTO	SCFM	STANDARD CUBIC FEET PER MINUTE
DTL	DETAIL	SD	STORM DRAIN
DWDI	DOUBLE WIDTH DOUBLE INLET	SEC	SECONDARY
DWG	DRAWING	SF	SQUARE FEET
(E)	EXISTING	SH	SENSIBLE HEAT
EA	EACH	SHG	SENSIBLE HEAT GAIN
E/A	EXHAUST AIR	SHR	SENSIBLE HEAT RATIO
EAT	ENTERING AIR TEMPERATURE	SHT	SHEET
EF	EXHAUST FAN	SHWR	SHOWER
EFF	EFFICIENCY	SP	STATIC PRESSURE
EG	ETHYLENE GLYCOL, EXHAUST GRILLE	SPD	STATIC PRESSURE DROP
ELEC	ELECTRICAL	SPEC	SPECIFICATION, SPECIFIED
ELEV	ELEVATION	SPKLR	SPRINKLER
EMB	EMBEDMENT	SR	SHORT RADIUS
ENT	ENTERING	SWSI	SINGLE WIDTH SINGLE INLET
EQV FT	EQUIVALENT FEET	SQ	SQUARE
ESP	EXTERNAL STATIC PRESSURE	SS	STAINLESS STEEL, SANITARY SEWER
EVAP	EVAPORATOR	STD	STANDARD
EXP	EXPANSION	SUCT	SUCTION
EWT	ENTERING WATER TEMPERATURE	TA	TRANSFER AIR
°F	FAHRENHEIT	TEMP	TEMPERATURE, TEMPORARY
FA	FACE AREA	THRU	THROUGH
F-F	FACE TO FACE	TOD	TOP OF DUCT
FD	FIRE DAMPER	TONS	TONS OF REFRIGERATION
FLEX	FLEXIBLE	TOP	TOP OF PIPE
FLR	FLOOR	TYP	TYPICAL
FOB	FLAT ON BOTTOM	UG	UNDERGROUND
FOT	FLAT ON TOP	UNO	UNLESS NOTED OTHERWISE
FP	FREEZING POINT	UPC	UNIFORM PLUMBING CODE
FPM	FEET PER MINUTE	V	VOLTS OR VOLTAGE
FPS	FEET PER SECOND	VAC	VACUUM
FSD	FIRE-SMOKE DAMPER	VAC VAL	VOLTS (ALTERNATING CURRENT)
FSDM	FIRE-SMOKE DAMPER, MODULATING	VAP	VAPOR
FT OR '	FOOT OR FEET	VAP PR	VAPOR PRESSURE
FV	FACE VELOCITY	VAR	VARIABLE
GA	GAGE OR GAUGE	VAV	VARIABLE AIR VOLUME
GAL	GALLONS	VDC	VOLTS (DIRECT CURRENT)
GPD	GALLONS PER DAY	VEL	VELOCITY
GPH	GALLONS PER HOUR	VERT	VERTICAL
GPM	GALLONS PER MINUTE	VFD	VARIABLE FREQUENCY DRIVE
GR	GRAINS	VP	VOLUME
GRD	GRILLES, REGISTERS, DIFFUSERS	VSD	VELOCITY PRESSURE
HDPE	HEAD	VSD	VARIABLE SPEED DRIVE
HDP	HIGH DENSITY POLYETHYLENE	VTR	VENT THROUGH ROOF
HG	HEAT GAIN	W	WATT
HT	HEIGHT	W/	WITH
HP	HORSEPOWER	W/O	WITHOUT
HR	HOUR(S)	WB	WET BULB TEMPERATURE
HVAC	HEATING, VENTILATING & AIR-CONDITIONING	WC	WATER COLUMN
HZ	FREQUENCY	WH	WATT-HOUR
IAW	IN ACCORDANCE WITH	WP	WEATHER PROOF, WATER PROOF
ID	INSIDE DIAMETER	WPD	WATER PRESSURE DROP
IE	INVERT ELEVATION	WT	WEIGHT
IBC	INTERNATIONAL BUILDING CODE	YD	YARD
IFC	INTERNATIONAL FIRE CODE	ZVB	ZONE VALVE BOX
IMC	INTERNATIONAL MECHANICAL CODE		
IN OR "	INCH OR INCHES		

GENERAL	
SYMBOL	DESCRIPTION
	SHEET NOTE CONVENTION:
	REFERENCED SHEET NOTE
	GENERAL SHEET NOTE
	NORTH ARROW
	DETAIL REFERENCE
	DETAIL NUMBER
	SHEET WHERE DETAIL APPEARS
	SECTION REFERENCE
	SECTION LETTER
	SHEET WHERE SECTION APPEARS
	POINT OF CONNECTION
	PLUMBING FIXTURE NUMBER
	EQUIPMENT TAG
	EQUIPMENT DESIGNATION
	EQUIPMENT NUMBER
	AIR OUTLET TAG
	AIR OUTLET DESIGNATION
	CFM
	BASEBOARD FINITUBE TAG
	FINITUBE DESIGNATION
	GPM
	LINEAR FEET OF FINITUBE ELEMENT
	AIR TERMINAL UNIT TAG
	LINE CONVENTION
	NEW OR REINSTALLED ITEM
	ITEM TO BE DEMOLISHED
	EXISTING ITEM TO REMAIN
	EXISTING ITEM TO BE RELOCATED
VENTILATION	
SYMBOL	ABBR. DESCRIPTION
	DOUBLE LINE DUCTWORK
	SINGLE LINE DUCTWORK
	FLEX DUCTWORK
	SLOT GRILLES/REGISTERS/DIFFUSERS
	GRILLES/REGISTERS/DIFFUSERS - SUPPLY AIR
	GRILLES/REGISTERS/DIFFUSERS - RETURN AIR
	GRILLES/REGISTERS/DIFFUSERS - EXHAUST AIR
	AIR FLOW ARROW
	AIR VOLUME DAMPER
	FIRE DAMPER
	SMOKE DAMPER
	FIRE-SMOKE DAMPER
	ACOUSTICAL DUCT LINING
	DUCT INSULATION
	DUCT: ROUND
	DUCT: RECTANGULAR
	DUCT: FLAT OVAL
	MOTORIZED OPERATED DAMPER
	OPPOSED BLADE DAMPER
	PARALLEL BLADE DAMPER
	BACK DRAFT DAMPER
	DAMPERS
	SUPPLY
	RETURN
	EXHAUST
	ROUND
	DUCT TURNING UP OR TOWARD
	SUPPLY
	RETURN
	EXHAUST
	ROUND
	DUCT TURNING DOWN OR AWAY

PLUMBING	
SYMBOL	ABBR. DESCRIPTION
	CW COLD WATER
	HW HOT WATER
	HWC HOT WATER CIRCULATION
	V VENT
	TP TRAP PRIMER
	FM FORCE MAIN, WASTE WATER
	W WASTE WATER
	SD STORM DRAIN
	RL, ORL RAINLEADER, OVERFLOW RAINLEADER
	HB HOSE BIBB
	WHA WATER HAMMER ARRESTER
	PDI PLUMBING AND DRAINAGE INSTITUTE WATER HAMMER ARRESTER SIZE A, B, C, D, OR E
	FCO, YCO FLOOR CLEANOUT, YARD CLEANOUT
	WCO WALL CLEANOUT
	FD, FS FLOOR DRAIN, FLOOR SINK
	RD, ORD ROOF DRAIN, OVERFLOW ROOF DRAIN
PIPING	
SYMBOL	ABBR. DESCRIPTION
	HWS HEATING WATER SUPPLY
	HWR HEATING WATER RETURN
	GHS GLYCOL HEATING SUPPLY
	GHR GLYCOL HEATING RETURN
	HRS HEAT RECOVERY SUPPLY
	HRR HEAT RECOVERY RETURN
	RHS RADIANT HEATING SUPPLY
	RHR RADIANT HEATING RETURN
	RFT RADIANT FLOOR TUBING
	CWS COOLING WATER SUPPLY
	CWR COOLING WATER RETURN
	GCS GLYCOL COOLING SUPPLY
	GCR GLYCOL COOLING RETURN
	WWS WELL WATER SUPPLY
	WWR WELL WATER RETURN
	CDS CONDENSER WATER SUPPLY
	CDR CONDENSER WATER RETURN
	FT BASEBOARD FINITUBE RADIATION
	UH UNIT HEATER
	CUH CABINET UNIT HEATER, HORIZONTAL OR VERTICAL
CONTROLS	
SYMBOL	ABBR. DESCRIPTION
	TSTAT THERMOSTAT
	HUMIDISTAT HUMIDISTAT
	LOW VOLTAGE CONTROL
	CS CURRENT SWITCH
	CT CURRENT TRANSMITTER
	FS FLOW SWITCH
	TT TEMPERATURE TRANSMITTER
	TIT TEMPERATURE INDICATOR TRANSMITTER
	PIT PRESSURE INDICATOR TRANSMITTER
	DPS DIFFERENTIAL PRESSURE SWITCH
	DPI DIFFERENTIAL PRESSURE INDICATOR
	PI PRESSURE INDICATOR, GAUGE
	TI TEMPERATURE INDICATOR, THERMOMETER
	AFMS AIRFLOW MEASURING STATION
	FI FLOW INDICATOR

GENERAL PIPING		
SYMBOL	ABBR.	DESCRIPTION
		BALL VALVE
	GV	GATE VALVE
		GLOBE VALVE
	BV	BUTTERFLY VALVE
	TDV	TRIPLE DUTY VALVE
	CV	CHECK VALVE
		BACKFLOW PREVENTER ASSEMBLY
	PRV	PRESSURE REDUCING VALVE
	PRV	PRESSURE REGULATOR VALVE
		PLUG VALVE
	SOV	SOLENOID OPERATED VALVE
	MOV	2 WAY MOTOR OPERATED VALVE
	MOV	3 WAY MOTOR OPERATED VALVE
		2 WAY PNEUMATIC OPERATED VALVE
		3 WAY PNEUMATIC OPERATED VALVE
		BALANCING VALVE
	FCV	AUTOMATIC FLOW CONTROL VALVE
	SV	SAFETY VALVE, PRESSURE RELIEF VALVE
	VB	VACUUM BREAK
	AAV	AIR VENT, AUTO WITH ISOLATION VALVE
	MAV	AIR VENT, MANUAL
	PTTP	PRESSURE & TEMP TEST PLUG
		STRAINER W/ BLOWDOWN HOSE FITTING
		EQUIPMENT OR PIPE DRAIN VALVE W/HOSE FITTING
		EQUIPMENT OR PIPE DRAIN PLUG W/HOSE FITTING
		REDUCER (CONCENTRIC)
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AIR HANDLING UNIT SCHEDULE												
SYMBOL	LOCATION	FAN SERVICE	SCFM	EXT / INT SP (IN WC)	FAN				MOTOR (HP,V,PH)	COIL NO	WEIGHT (LBS)	REMARKS, BASIS OF DESIGN
					SIZE (IN)	TYPE	RPM	BHP				
AHU-4	MECHANICAL ROOM	S/A	2,600	1.0 / 3.90	16.5	PLENUM CLASS II	2,461	2.56	5,480.3 VSD	HC-4	3,000	CUSTOM AIR HANDLING UNIT: 2" CABINET CONSTRUCTION, 3' BASE RAIL. UPPER SUPPLY BOX WITH OUTSIDE AIR AND RETURN AIR DAMPERS AND SECTION DRAIN, MERV 8 PREFILTER, MERV 13 FINAL FILTER, DX COOLING COIL SECTION WITH DRAIN, HEATING COIL, FAN SECTION, DISCHARGE PLENUM. LOWER RETURN TUNNEL: INLET PLENUM, FAN SECTION DISCHARGE PLENUM AND EXHAUST DAMPER. PROVIDE EBTRON OUTSIDE AIR MEASURING STATION AT OSA INTAKE DUCT. OVERALL UNIT DIMENSIONS: 47W X 84H X 133L. SEISMIC IMPORTANCE FACTOR (I <sub>p</sub> ) = 1.5. YORK XT1-42X39
		R/A	2,400	0.5 / 1.5	16.5	PLENUM CLASS II	1,784	0.97	1,5480.3 VSD	CC-4		

INDOOR AIR QUALITY DOCUMENTATION	
THE VENTILATION SYSTEMS FOR THIS FACILITY WERE DESIGNED IN ACCORDANCE WITH ASHRAE STANDARD 62.1-2021 AND 170-2021, BASED ON THE FOLLOWING ASSUMPTIONS:	
20	NORMAL LONG TERM CARE POPULATION AND STAFF
700	AHU-4 MINIMUM OUTSIDE AIR CFM FOR INDOOR AIR QUALITY AND BUILDING PRESSURIZATION
0	OUTSIDE WINTER DESIGN TEMPERATURE (DEGREES F)
ASSUMPTION: OUTSIDE AIR MEETS NATIONAL PRIMARY AMBIENT AIR QUALITY STANDARDS SET BY THE U.S. EPA. ASSUMPTION: SOURCES OF IAQ CONTAMINATION ARE LIMITED TO NORMAL BUILDING FURNISHINGS, MATERIALS AND SURFACE COATINGS, AND HUMAN BIO-EFFLUENTS ASSOCIATED WITH ORDINARY HUMAN ACTIVITIES.	

HEATING COIL SCHEDULE												
SYMBOL	LOCATION	MBH	SCFM	AIR TEMP (IN/OUT)	SIZE WIDTH X HT (INCHES)	MAX VEL (FPM)	MAX APD (INCH WC)	FLUID	GPM	FLUID TEMP IN/OUT (DEGREES F)	MAX WPD (FEET)	REMARKS BASIS OF DESIGN
HC-4	AHU-4	60.0	2,600	49/70	29 X 30.25	430	0.10	50% PG	4.5	160/130	1.0	HEATING COIL: 1 ROWS, 8 FPI. BY AHU MANUFACTURER.

CHILLED WATER COOLING COIL SCHEDULE													
SYMBOL	LOCATION	MBH (SENSIBLE)	SCFM	AIR TEMP (IN)	AIR TEMP (OUT)	SIZE WIDTH X HT (INCHES)	MAX VEL (FPM)	MAX APD (INCH WC)	FLUID	GPM	FLUID TEMP IN/OUT (DEGREES F)	MAX WPD (FEET)	REMARKS BASIS OF DESIGN
CC-4	AHU-4	45.0	2,600	70.7/56.5	55/50	29 X 30.25	450	0.35	50% PG	10.1	44/54	8.0	COOLING COIL: 4 ROWS, 9 FPI BY AHU MANUFACTURER.

TERMINAL HEATING UNIT SCHEDULE									
SYMBOL	LOCATION	OUTPUT (MBH)	FLUID	FLOW (GPM)	MAX WPD (FEET)	FLUID TEMP IN/OUT (DEGREES F)	MOTOR (HP,V,PH)	WEIGHT (LBS)	REMARKS, BASIS OF DESIGN
CUH-1	VESTIBULE	59.5	WATER	6.2	1.4	180/165	2/5,120,1	170	RECESSED WALL MOUNTED CABINET UNIT HEATER: 2-ROW COIL, 2 FAN SPEED (835 CFM HIGH SPEED), INTEGRAL DISCHARGE AND INTAKE GRILLES, FLAT FILTER, KEYLOCK ACCESS DOORS, TAMPER PROOF FASTENERS. ARRANGMENT 98. MODINE CW 008.
UH-1	MECHANICAL ROOM	49.8	WATER	5.2	1.0	180/160	1/8,120,1	50	HORIZONTAL UNIT HEATER: 1340 CFM, AIR DEFLECTORS, SAFETY GUARD. MODINE HC-86.
FT-1	ACTIVITY OFFICE/SUPPLIES	600 BTU/LF	WATER	-	-	180/160	-	-	FINTUBE BASEBOARD: SINGLE TIER, 3/4" CU TUBE, 3-1/4" SQUARE ALUM FIN, 32 FPF, WALL MOUNTED FLAT-TOP ENCLOSURE, 14 GA STEEL, 18.5" MOUNTING HEIGHT. STERLING CLASSIC JVA-AR-14.

AIR COOLED CHILLER SCHEDULE						
SYMBOL	LOCATION	MOTOR (HP,V,PH)	CAPACITY (MBH)	FLUID	WEIGHT (LBS)	REMARKS, BASIS OF DESIGN
ACC-4	ROOF	480V,3PH 10.4 kW MCA: 24A MOCP: 30A	120.3	R-454B	1,100	AIR-COOLED MODULE CHILLER: 50% PG FLUID, 44/54 EFT/LFT AT 26.5 GPM COOLING CAPACITY AT 74 DEG F. SUCTION TEMP: 45 DEG F. PROVIDE ALUMINUM WIND/SNOW PREVENTION DUCTS. PROVIDE RESTRAINED SPRING VIBRATION ISOLATION FRAME UNDER UNIT. SEISMIC IMPORTANCE FACTOR (I <sub>p</sub> ) = 1.0. SAMSUNG MODEL AG010DSVAJG/AA

FAN SCHEDULE								
SYMBOL	LOCATION	USE	SCFM	SP (INCH WC)	FAN RPM	MOTOR (HP,V,PH)	WEIGHT (LBS)	REMARKS BASIS OF DESIGN
SF-1	MECHANICAL ROOM	COOLING	600	1.25 ESP 1.5 TSP	3,500	1/2,120,1	100	SUPPLY FAN: DIRECT DRIVE. SHOP FABRICATED MIXING BOX WITH OUTSIDE AIR AND RETURN AIR DAMPERS, MERV8 FLAT FILTER, SUPPLY FAN AND DISCHARGE PLENUM. GREENHECK SQ-7-M1

VAV TERMINAL UNIT SCHEDULE												
VAV-NUMBER	SERVES	AHU	MIN CFM	MAX HEAT. CFM	MAX COOL. CFM	EAT (DEG F)	LAT (DEG F)	MAX APD (INCH WC)	COIL MBH (1)	COIL ROWS	COIL GPM (2)	BOX SIZE (3)
T-101	DAYROOM	AHU-4	1,000	1,200	1,200	55	91	0.30	47.0	2	2.50	12
T-102	CRC NURSE OFFICE	AHU-4	330	500	500	55	91	0.30	19.6	2	1.00	8
T-103	CORRIDOR	AHU-4	200	400	400	55	86	0.30	13.3	2	0.55	8

NOTES:  
(1) SUBMITTALS SHALL INDICATE HEATING CAPACITY AT HEATING CFM  
(2) FLUID IS WATER. EFT= 180 DEG F.  
(3) BASIS OF DESIGN: TITUS DESV. STERILOC LINER. SOUND LINED DISCHARGE PLENUM.

LOUVER/HOOD SCHEDULE								
SYMBOL	UNIT AND USAGE	SCFM	SIZE WIDTH X HT (INCHES)	MIN FREE AREA (SF)	MAX FREE AREA VEL (FPM)	MAX APD (IN WC)	WEIGHT (LBS)	REMARKS, BASIS OF DESIGN
HD-1	AHU-4 OSA INTAKE	2,600	46 X 51 OVERALL 26 X 26 THROAT	5.0	550	0.10	150	GRAVITY INTAKE HOOD: LOW PROFILE, HEAVY GAUGE GALVANNEALED STEEL, PERMATECTOR COATING, WITH BIRDSCREEN AND MIN 24" ABOVE ROOF. GREENHECK FABRAHOOD MODEL FGL.
LV-1	AHU-4 RELIEF	2,400	36 X 30	7.5	700	0.10	50	LOUVER: 6" THICK EXTRUDED ALUMINUM, 37.5 DEG. DRAINABLE BLADES WITH BIRD SCREEN, AMCA RATED FOR WATER AND AIR. RUSKIN ELF6375DX.
LV-2	SF-1 OSA INTAKE	600	24 X 18	1.3	470	0.04	30	LOUVER: 6" THICK EXTRUDED ALUMINUM, 37.5 DEG. DRAINABLE BLADES WITH BIRD SCREEN, AMCA RATED FOR WATER AND AIR. RUSKIN ELF6375DX.
LV-3	SF-1 RELIEF	600	24 X 24	1.9	325	0.02	30	LOUVER: 6" THICK EXTRUDED ALUMINUM, 37.5 DEG. DRAINABLE BLADES WITH BIRD SCREEN, AMCA RATED FOR WATER AND AIR. RUSKIN ELF6375DX.

PLUMBING FIXTURE CONNECTION SCHEDULE							
SYMBOL	FIXTURE	WASTE (INCH)	VENT (INCH)	HW (INCH)	CW (INCH)	POWER	REMARKS, BASIS OF DESIGN
DS-1	DOWN SPOUT NOZZLE	3	-	-	-	-	WALL MOUNTED OVERFLOW DOWN SPOUT NOZZLE. ZURN Z199.
FD-1	FLOOR DRAIN	2	1-1/2	-	-	-	CAST IRON BODY WITH ADJUSTABLE POLISHED NICKEL BRONZE TOP, TRAP PRIMER CONNECTION, VANDAL PROOF SCREWS, SQUARE TOP, NO-HUB OUTLET. JR SMITH
RD-1	ROOF DRAIN	3	-	-	-	-	COATED CAST IRON BODY WITH COMBINED FLASHING CLAMP AND GRAVEL STOP, DECK PLATE, ALUMINUM DOME, NO-HUB OUTLET. ZURN Z100-DP.
RD-2	OVERFLOW ROOF DRAIN	3	-	-	-	-	COATED CAST IRON BODY WITH COMBINED FLASHING CLAMP AND GRAVEL STOP, DECK PLATE, ALUMINUM DOME, NO-HUB OUTLET, 2" EXTERNAL WATER DAM. ZURN Z100-DP.
S-1	MEDICAL HANDWASH SINK	1-1/2	1-1/2	1/2	1/2	-	WALL MOUNTED VITREOUS CHINA BOWL, GOOSENECK FAUCET WITH MANUAL 4" WRIST BLADE HANDLES, ASSE 1070 THERMOSTATIC MIXING VALVE, ADA COMPLIANT.
S-2	BREAK ROOM SINK	1-1/2	1-1/2	1/2	1/2	-	STAINLESS STEEL, SINGLE BOWL, 6-1/2" DEPTH, GOOSENECK FAUCET WITH 4" WRIST BLADE HANDLES, ASSE 1070 THERMOSTATIC MIXING VALVE, ADA COMPLIANT.
TP-1	ELECTRONIC TRAP PRIMER	-	-	-	1/2	120V	ELECTRONIC PRIMER VALVE WITH VACUUM BREAKER, PORTS, DISTRIBUTION UNIT, INTERNAL BACKFLOW PROTECTION. PRECISION PLUMBING PRODUCTS.
HB-1	EXTERIOR HOSE BIBB	-	-	-	1/2	-	FREEZE PROOF, AUTOMATIC DRAINING, INTEGRAL VACUUM BREAKER, FLUSH MOUNTED, KEY OPERATED DOOR. ANODIZED ALUMINUM FINISH.
HB-2	INTERIOR HOSE BIBB	-	-	-	1/2	-	BRASS, WITH VACUUM BREAKER, WHEEL OPERATING KEY HANDLE.

MISCELLANEOUS EQUIPMENT SCHEDULE				
SYMBOL	LOCATION	MOTOR (HP,V,PH)	WEIGHT (LBS)	REMARKS, BASIS OF DESIGN
BT-1	MECHANICAL ROOM	-	550	CHILLED WATER SYTEM BUFFER TANK:125 PSI PRESSURE RATING. 2" PIPE CONNECTIONS. PROVIDE TANK INSULATION BY MANUFACTURER. WESSELS CBT-60-2F.
ET-H1	MECHANICAL ROOM	-	50 (FULL)	EXPANSION TANK: ASME STAMPED. 3.2 GALLONS ACCEPTANCE VOLUME. PRECHARGE 15 PSI. AMTROL AX-10-DD.
ET-C1	MECHANICAL ROOM	-	200 (FULL)	EXPANSION TANK: ASME STAMPED. 11.3 GALLONS ACCEPTANCE VOLUME. PRECHARGE 15 PSI. AMTROL AX-20V-DD.
HX-1	MECHANICAL ROOM	-	20	BRAZED PLATE HEAT EXCHANGER: 60 MBH HEAT TRANSFER CAPACITY. HOT SIDE: WATER; EFT 180 DEG F, LFT 150 DEG F. 4.1 GPM AT 1.0 MAX PSI PRESSURE DROP. COLD SIDE: 50% PG; EFT:130 DEG F, LFT 160 DEG F. 4.4 GPM AT 1.5 PSI MAX PRESSURE DROP. PROVIDE FIELD FABRICATED SUPPORT STAND. B&G BP405-30.
SP-1	MECHANICAL ROOM	3/10,120,1	275 (FULL)	PACKAGED, PRASSEMBLED SIMPLEX SUMP PUMP SYSTEM: UL LISTED CAST IRON PUMP WITH NON-CLOGGING VORTEX IMPELLER. INTEGRAL MECHANICAL FLOAT SWITCH, 18" DIAM X 22" HIGH PLASTIC BASIN. 19 GPM AT 15 FT HEAD. ZOELLER MODEL 900-0002 WITH M53 PUMP.

PUMP SCHEDULE								
SYMBOL	LOCATION	SERVICE	FLUID	TEMP. (DEG F)	GPM	HEAD (FEET)	MOTOR (HP,V,PH)	REMARKS, BASIS OF DESIGN
PMP-H1	MECHANICAL ROOM	GLYCOL CIRC	50% PG	160	5	25	1/8,120,1	CARTRIDGE CIRCULATOR: CAST IRON 1-1/4" PIPE CONNECTIONS. TACO ILO011
PMP-C1	MECHANICAL ROOM	GLYCOL CIRC	50% PG	50	25	50	1.5,208,1	CIRCULATION PUMP: CAST IRON 1760 RPM. 7.19" IMPELLER. TACO MODEL 1919

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Revisions		
No.	Description	Date

Drawn by DNS	Date 10/04/2024
Checked TDH	Job No. 23042.01

Sheet Contents SCHEDULES
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Sheet No.  
**MO.02**

1	2	3	4
<b>SPECIFICATIONS</b>			
<p><b>MECHANICAL GENERAL REQUIREMENTS</b></p> <p>THESE DRAWINGS DESCRIBE AND PROVIDE FOR THE FURNISHING, INSTALLING, TESTING AND PLACING IN SATISFACTORY AND FULLY OPERATIONAL CONDITION EQUIPMENT, MATERIALS, DEVICES, AND NECESSARY APPURTENANCES TO PROVIDE FOR A COMPLETE FUEL OIL SYSTEM, TOGETHER WITH SUCH OTHER MISCELLANEOUS INSTALLATIONS AND EQUIPMENT.</p> <p>WORK SHALL INCLUDE MATERIALS, APPLIANCES, AND APPARATUS NOT SPECIFICALLY MENTIONED OR SHOWN ON THE DRAWINGS, BUT WHICH ARE NECESSARY TO MAKE A COMPLETE, OPERATIONAL INSTALLATION OF MECHANICAL SYSTEMS SHOWN ON THE DRAWINGS OR DESCRIBED.</p> <p>PORTIONS OF THE DRAWINGS ARE PARTLY DIAGRAMMATIC AND DO NOT SHOW EXACT LOCATIONS OR OFFSETS AND FITTINGS REQUIRED TO INSTALL THE WORK. PROVIDE FITTINGS, OFFSETS, AND ACCESSORIES AS REQUIRED TO INSTALL THE WORK. PROVIDE SYSTEMS COMPLETE AND IN PROPER OPERATING CONDITION. WHERE THE WORK OF SEVERAL CRAFTS ARE INVOLVED, COORDINATE RELATED WORK TO PROVIDE EACH SYSTEM IN COMPLETE AND PROPER OPERATING ORDER.</p> <p>OBTAIN AND PAY FOR LICENSES, PERMITS, AND INSPECTIONS REQUIRED BY LAWS, ORDINANCES, AND RULES GOVERNING THE WORK. ARRANGE FOR INSPECTION OF WORK BY INSPECTORS.</p> <p>THE AUTHORITY HAVING JURISDICTION (AHJ) IS THE CITY OF VALDEZ. COMPLY WITH APPLICABLE CODES, ORDINANCES, AND REGULATIONS AS ADOPTED BY THE AHJ INCLUDING LOCAL AMENDMENTS, AS MINIMUM CRITERIA, TO INCLUDE:</p> <ol style="list-style-type: none"> <li>2021 INTERNATIONAL BUILDING CODE</li> <li>2021 INTERNATIONAL FIRE CODE</li> <li>2021 INTERNATIONAL MECHANICAL CODE</li> <li>2018 UNIFORM PLUMBING CODE</li> <li>2020 NEC</li> <li>2019 NFPA 13</li> <li>2022 FACILITIES GUIDELINES INSTITUTE (FGI) – GUIDELINES FOR DESIGN AND CONSTRUCTION OF HEALTH CARE FACILITIES</li> <li>2012 NFPA 101</li> <li>2015 NFPA 99</li> <li>2021 ASHRAE 170 – VENTILATION OF HEALTH CARE FACILITIES</li> </ol> <p>EXCEPT IN CASES WHERE STATUTES GOVERN FOLLOW THE RECOMMENDED PRACTICES OF ASME, NFPA, AND OSHA AS THEY APPLY TO THIS PROJECT.</p> <p>ARRANGE WORK TO PROVIDE WORKABLE ACCESS TO SERVICEABLE OR OPERABLE EQUIPMENT. LOCATION OF VALVES, TRAPS, STRAINERS, MOTORS, DAMPER OPERATORS, ETC., SHALL BE EASILY ACCESSIBLE BY A PERSON STANDING ON THE FLOOR.</p> <p>FIELD COORDINATE EXACT LOCATIONS AND SIZES OF EQUIPMENT, DUCTS, PIPES, AND CONTROLS WITH EXISTING AND NEW WORK, INCLUDING CONSTRUCTION PHASING, STRUCTURAL ELEMENTS, AND ARCHITECTURAL REQUIREMENTS.</p> <p>UNLESS DIRECTED OTHERWISE, PRODUCTS SHALL BE NEW, UNUSED, AND UNDAMAGED, OF STANDARD MANUFACTURE, OF LATEST DESIGN AND QUALITY, AND SUITABLE FOR THE PARTICULAR INSTALLATION. FURNISH AND INSTALL EQUIPMENT IN ACCORDANCE WITH APPLICABLE CODES, LISTINGS, AND MANUFACTURERS INSTRUCTIONS.</p> <p>INSTALL EQUIPMENT, MATERIALS, APPLIANCES, AND APPARATUS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.</p> <p>PRODUCTS SHALL BE ASBESTOS AND LEAD FREE. FIXTURES, FITTINGS, VALVES, EQUIPMENT, ASSEMBLIES, AND DEVICES SHALL BE LISTED FOR THE INTENDED SERVICE: IAPMO, FM, UL, OR OTHER NRTL.</p> <p>PENETRATIONS THROUGH BUILDING EXTERIOR WALLS, FLOORS, AND ROOFS SHALL BE WATERTIGHT AND WEATHER-TIGHT. WALL, FLOOR, AND CEILING PENETRATIONS SHALL BE SLEEVED. PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE UL LISTED FIRE STOP ASSEMBLIES. PENETRATIONS THROUGH SMOKE BARRIERS SHALL BE SMOKE TIGHT. PROVIDE ACOUSTICAL SEALANT ON BOTH SIDES FOR OTHER PENETRATIONS.</p> <p>REMOVE EXPOSED ABANDONED OR INDICATED FOR DEMOLITION CONTROLS, EQUIPMENT, PIPES, AND DUCT. REMOVE UNUSED, CONCEALED PIPES TO ABOVE CEILING SPACE. PROVIDE BRANCH ISOLATION VALVES AND CAP AT MAINS. REMOVE CONDUCTORS, CONDUIT, BRACKETS, STEMS, HANGERS, AND OTHER ACCESSORIES. REMOVE ABANDONED CONTROLS AND ASSOCIATED WIRING &amp; CONDUIT TO SOURCE OF SIGNAL AND SUPPLY.</p> <p>PLUG, PATCH, AND REPAIR PENETRATIONS AND SURFACES. REFINISH SURFACES AND ASSEMBLY RATINGS TO MATCH EXISTING. REPAIR OR REPLACE DAMAGED SURFACES, CEILING TILES, INSULATION, AND FIREPROOFING. SEAL ROOM PENETRATIONS TO MAINTAIN ROOM PRESSURE RELATIONSHIPS TO ADJACENT SPACES.</p> <p>PROVIDE SUBMITTALS FOR REVIEW AND OBTAIN OWNER'S APPROVAL OF PRODUCTS PRIOR TO ORDERING OR INSTALLING ANY PART OF SYSTEM. DEFERRED SUBMITTALS SHALL BE APPROVED BY AHJ. COLORS SHALL BE APPROVED BY THE OWNER.</p> <p>SUBMITTALS, INCLUDING O &amp; M MANUALS, SHALL BE SUBMITTED IN 3-RING BINDER, REFERENCED TO CONTRACT DOCUMENTS, REVIEWED AND STAMPED BY CONTRACTOR, CLEARLY AND PROPERLY IDENTIFIED AND SUBSTITUTIONS SHALL BE ANNOTATED TO DEMONSTRATE THAT THEY MEET OR EXCEED SPECIFIED ITEMS. PROVIDE ELECTRONIC, PDF, FILES WITH BOOKMARKS SEPARATING EQUIPMENT, SYSTEMS, AND SHOP DRAWINGS WITH EVERY SUBMITTAL.</p> <p>FURNISH INSTALLATION AND OPERATING AND MAINTENANCE MANUALS FOR EQUIPMENT. PROVIDE INFORMATION NEEDED TO OPERATE AND MAINTAIN THE EQUIPMENT INCLUDING CHANGES TO THE CONTROL SYSTEM. IN ADDITION TO ELECTRONIC SUBMITTAL BIND FINAL MANUALS IN HARD BACKED, 3-RING LOOSE-LEAF BINDER. OBTAIN FACILITY'S EQUIPMENT TAG NUMBERS AND INCORPORATE INTO MANUALS AND AS-BUILTS. MANUALS SHALL INCLUDE MAINTENANCE INSTRUCTIONS, MANUFACTURER'S BROCHURES, CUT SHEETS, SHOP DRAWINGS, CONTROLS, AND EQUIPMENT DIRECTORIES.</p> <p>CONTINUALLY RECORD THE ACTUAL MECHANICAL SYSTEM(S) INSTALLATION ON A FULL SIZE SET OF PRINTS KEPT READILY AVAILABLE AT THE PROJECT DURING CONSTRUCTION. AT THE END OF THE PROJECT SUBMIT COMPLETED RECORD DRAWINGS SHOWING AS-BUILT CONDITIONS FOR NEW AND EXISTING MECHANICAL SYSTEMS IN THE AREA OF THE PROJECT WORK.</p> <p>COORDINATE SERVICE DISRUPTION PERIODS WITH THE OWNER AND OBTAIN SPECIFIC AGREEMENT, BY THE OWNER, OF TIMES AND DURATION OF SYSTEM SHUT DOWN PERIODS, BEFORE STARTING SYSTEM WORK.</p> <p>COORDINATE WITH FACILITY'S INFECTION CONTROL FOR CONSTRUCTION AND RENOVATION REQUIREMENTS AND ACCESS PERMITS. WORK IN AND AROUND THE OWNER'S CLINICAL AREAS SHALL BE CONDUCTED SUCH THAT A DUST-FREE ENVIRONMENT IS MAINTAINED IN ADJACENT CLINICAL AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ISOLATION AND CONSTRUCTION ACTIVITIES TO ENSURE THAT AIR FLOW FROM THE CONSTRUCTION WORKSPACE TO CLINICAL AREAS IS PREVENTED.</p>	<p>ITEMS REQUIRING RELOCATION OR TEMPORARILY SUPPORTED DURING DEMOLITION OR NEW WORK SHALL BE MAINTAINED AND RE-INSTALLED TO MAINTAIN THEIR LISTING. SERVICEABILITY, AND FUNCTION. VERIFY THAT EQUIPMENT AND SYSTEMS ARE FULLY OPERATIONAL UPON COMPLETION OF WORK.</p> <p><b>MECHANICAL BASIC MATERIALS AND METHODS</b></p> <p>IDENTIFICATION: PROVIDE MECHANICAL IDENTIFICATION CONSISTING OF LABELS, TAGS, AND FLOW ARROWS FOR DUCTS, PIPES, VALVES, AND EQUIPMENT INSTALLED UNDER THIS CONTRACT. IN NON-PUBLIC AREAS PLACE ID AT WALLS, FLOORS, DIRECTION CHANGE, AND 20' INTERVALS ALONG STRAIGHT RUNS.</p> <p>HANGERS AND SUPPORTS: PIPE HANGERS AND SUPPORTS SHALL BE IN ACCORDANCE WITH MSS SP58-2018 PIPE HANGERS AND SUPPORTS, SP-127-2014- BRACING FOR PIPING SYSTEMS, AND ASCE 7-16 – MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES. SPACING AND ADDITIONAL CRITERIA SHALL BE PER APPLICABLE CODES AND ASME B31.9 BUILDING SERVICES PIPING.</p> <p>SUPPORT, BRACE, AND ANCHOR PIPES, EQUIPMENT, AND DEVICES TO BUILDING STRUCTURE TO RESIST GRAVITY, OPERATIONAL, AND VIBRATION FORCES. COORDINATE WITH SEISMIC RESTRAINTS.</p> <p>SUPPORT PIPING ON ROOF WITH PRE-MANUFACTURED RUBBER PIPE SUPPORTS "SLEEPERS" WITH GALVANIZED "C" CHANNEL/PIPE CLAMP. MIFAB, MODEL C-PORT (C10), COORDINATE WITH ARCHITECTURAL REQUIREMENTS.</p> <p>PROVIDE SEISMIC JOINT FLEXIBLE LOOPS WHERE CONDUITS, CONDUCTORS, PIPES, OR JOINTS CROSS BUILDING SEISMIC JOINTS.</p> <p><b>SEISMIC RESTRAINT:</b></p> <p>PROVIDE SEISMIC DESIGN, ANCHORS, AND RESTRAINT DEVICES TO RESIST LOADS PER ASCE 7-2016 – MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES. PROVIDE SEISMIC RESTRAINT AND ANCHORING CALCULATIONS STAMPED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF ALASKA. COORDINATE WITH STRUCTURAL REQUIREMENTS TO ENSURE ATTACHMENT POINTS CAN ACCOMMODATE FORCES. COORDINATE WITH SPECIAL INSPECTIONS REQUIREMENTS.</p> <p><b>MECHANICAL INSULATION</b></p> <p>INSULATION INSTALLATION SHALL BE VAPOR TIGHT. INSULATION PRODUCTS SHALL MEET OR BE LOWER THAN FLAME SPREAD 25, FUEL CONTRIBUTED 50, AND SMOKE DEVELOPED 50 PER ASTM E84.</p> <p>COORDINATE INSULATION AT FIRE RATED WALL PENETRATIONS TO COMPLY WITH SELECTED, UL LISTED, FIRESTOPPING SYSTEMS.</p> <p>INSULATION SHALL PASS CONTINUOUSLY THROUGH NON-FIRE RATED WALLS. INSULATE DOMESTIC WATER, CHILLED WATER, REFRIGERANT, RAIN LEADERS, AND OTHER EXTERIOR MOISTURE CONDENSING LINES, EQUIPMENT, VALVES, AND FITTINGS WITH VAPOR TIGHT INSULATION.</p> <p>DOMESTIC COLD WATER PIPING: PIPE INSULATION SHALL BE MINIMUM 1" THICK PREFORMED FIBERGLASS TYPE WITH ALL SERVICE JACKET, 4 LBS/CF DENSITY, MINUS 20°F TO 850°F OPERATING TEMPERATURE RANGE, THERMAL CONDUCTIVITY K=0.23 AT 75°F MEAN TEMPERATURE AND HAVING A FACTORY APPLIED FLAME RETARDANT VAPOR BARRIER JACKET WITH PERMEABILITY RATING = 0.02 PERMS.</p> <p>HYDRONIC PIPING: PROVIDE 1.5 INCH THICK FIBERGLASS INSULATION WITH ASJ FOR PIPE SIZES UP TO 1-1/4 INCHES IN DIAMETER AND 2 INCHES FOR 1-1/2 INCHES IN DIAMETER AND LARGER. PROVIDE MIN THERMAL CONDUCTIVITY (K) OF 0.25. INSULATE FITTINGS AND PROVIDE FITTING COVERS. INSULATE VALVES WITH REMOVABLE FLEXIBLE VALVE WRAPS; NO SWEAT VALVE WRAPS OR EQUAL. EXTERIOR PIPING SHALL HAVE ALUMINUM JACKET WITH MINIMUM 1" OVERLAPPING WATERTIGHT SEALS INSTALLED TO SHED WATER AND ALUMINUM OR SS STRAPS.</p> <p>RAINLEADER PIPING: PROVIDE 1.0 INCH THICK FIBERGLASS INSULATION FOR PIPES SIZES UP TO 1-1/2 INCH IN DIAMETER, AND 1.5 INCH THICK INSULATION FOR LARGER PIPE SIZES. PROVIDE PRE-MOLDED PVC FITTING COVERS AT FITTINGS, FLANGES, VALVES AND MECHANICAL PIPE COUPLINGS. ZESTON OR EQUAL. INSULATION SHALL BE VAPOR TIGHT.</p> <p>DUCTWORK: INSULATE OUTSIDE AIR AND EXHAUST AIR DUCTWORK FROM EXTERIOR WALL TO FAN WITH 1.5" THICK FIBERGLASS INSULATION WITH FSK JACKET. INSULATE SUPPLY AIR DUCTWORK UPSTREAM OF VAV BOX AND EXHAUST AIR DUCTWORK FROM FAN TO MOTORIZED DAMPER WITH 1.5" THICK FIBERGLASS INSULATION WITH FSK JACKET.</p> <p><b>MECHANICAL COMMISSIONING</b></p> <p>PROVIDE PERSONNEL, FIELD AND TESTING EQUIPMENT, AND ADDITIONAL SERVICES FOR COMMISSIONING OF MECHANICAL SYSTEMS. SCHEDULING OF COMMISSIONING ACTIVITIES SHALL BE COORDINATED WITH OWNER AND ENGINEER.</p> <p>TAB AGENCY SHALL PROVIDE OFFICE AND FIELD SERVICES FOR COMMISSIONING ACTIVITIES, WHICH INCLUDE VERIFICATION OF TAB INFORMATION, TESTING, ADJUSTING, AND SEQUENCING OF EQUIPMENT, AND REVISIONS TO OPERATING CONDITIONS. TAB AGENCY SHALL RECORD CHANGES AND SUBMIT POST COMMISSIONING TAB REPORT.</p> <p>PROVIDE OFFICE AND FIELD SERVICES FOR COMMISSIONING ACTIVITIES, WHICH INCLUDE BUT NOT LIMITED TO THE FOLLOWING: 1) VERIFICATION OF EQUIPMENT AND SYSTEMS INSTALL PER CONTRACT DOCUMENTS AND MANUFACTURER'S RECOMMENDATIONS, 2) CLEANING, TESTING, AND STARTUP REPORTS, 3) AHJ AND SPECIAL INSPECTION REPORTS, 4) OPERATIONS VERIFICATION AND TRENDRING OF SYSTEMS PER APPROVED CONTROL SYSTEM SUBMITTALS, 5) TESTING, ADJUSTING, AND SEQUENCING OF EQUIPMENT, 6) RED LINES OF INSTALLATION AND ANNOTATIONS OF OPERATING CONDITIONS.</p> <p>SYSTEM STARTUPS TO BE COMPLETED AND APPROVED BY CONTRACTOR BEFORE SCHEDULING OF COMMISSIONING ACTIVITIES AND SUBSTANTIAL INSPECTIONS.</p> <p><b>FIRE SUPPRESSION SYSTEMS</b></p> <p>PROVIDE SERVICES OF AN OWNER APPROVED AND QUALIFIED FIRE PROTECTION CONTRACTOR TO MODIFY AND ADD SPRINKLER HEADS TO THE EXISTING SPRINKLER SYSTEM FOR COMPLETE COVERAGE UNDER THIS CONTRACT. MATERIALS, EQUIPMENT, SPRINKLER HEADS, PIPING, AND DESIGN CRITERIA SHALL MEET AHJ, OWNER, AND INSURANCE AGENCY REQUIREMENTS.</p> <p>EXISTING FIRE PROTECTION SPRINKLER SYSTEM SHALL REMAIN ACTIVE UNTIL THE NEW FIRE PROTECTION SYSTEM IS APPROVED TO PROVIDE PROTECTION. EXISTING SYSTEM SHALL BE MODIFIED TO PROVIDE PROTECTION, REVIEWED BY ENGINEER, AND APPROVED BY OWNER AND AHJ. ALTERNATE METHODS OF PROVIDING FIRE WATCH OR OTHER AHJ APPROVED PROTECTION SHALL BE REVIEWED AND APPROVED BY THE OWNER.</p> <p>SPRINKLER SYSTEM PIPING SHALL BE STEEL; OTHER THAN SCHEDULE 40 SHALL HAVE A CORROSION RESISTANCE RATIO (CRR) EQUAL TO OR GREATER THAN 1.0. SUBMIT A STATEMENT THAT THE PIPING COMPLIES WITH NFPA 13 STANDARDS; INCLUDE THIS CRR DATA IN PRODUCT SUBMITTAL. INSTALLED SYSTEM TO HAVE A CORROSION RESISTANCE RATIO EQUAL OR GREATER THAN 1.0.</p>	<p>DRY PIPE SYSTEMS SHALL BE SCHEDULE 40 GALVANIZED PIPE AND FITTINGS, NON WELDED, AND HAVE ISOLATION VALVE DOWNSTREAM OF DRY VALVE FOR TESTING WITHOUT FLOODING LINES. DRIP DRUMS SHALL BE INSTALLED ON EXTERIOR LINES AND POINTS FOR WATER COLLECTION. WHEN COMPRESSED NITROGEN GAS IS USED NON GALVANIZED PIPE AND FITTINGS MAY BE USED.</p> <p>IN ADDITION TO NFPA 13 CRITERIA PROVIDE SEISMIC CLEARANCE FOR SPRINKLER PIPING AND HEADS PER IBC AND ASCE-07. FLEXIBLE BRAIDED SS HOSE ASSEMBLIES FOR SPRINKLER HEADS UNLESS OTHERWISE APPROVED, VICTAULIC VICFLEX SERIES.</p> <p>PROVIDE SPRINKLER HEADS IN AREAS WHERE CEILINGS WILL BE REPLACED, UPGRADED, OR MODIFIED. SPRINKLER HEADS SHALL BE QUICK-RESPONSE TYPE FOR AREAS MODIFIED OR NEW. MATCH TYPE AND TEMPERATURE OF EXISTING SPRINKLER HEADS IN FIRE AREA. FINISH, ESCUTCHEON, AND APPEARANCE TO MATCH EXISTING.</p> <p>CONCEALED QUICK RESPONSE TYPE SPRINKLERS WITH CHROME OR WHITE COVER PLATES IN AREAS WHERE SPRINKLER HEADS WILL BE REPLACED OR NEW AREAS CONSTRUCTED. SUBMIT LOCATIONS AND COLOR OF COVER PLATE FOR ARCHITECTURAL APPROVAL.</p> <p>PROVIDE HIGH POINT MANUAL AIR RELEASE VALVES AND LOW POINT DRAINS PER NFPA 13 WITH SIGNAGE AND RISER MAINS DRAINS AND STANDPIPE DRAINS SHALL HAVE HOSE BIBB CONNECTIONS FOR MAINTENANCE DRAINAGE. DISCHARGE TEST PIPES, BACKFLOW SYSTEM DEMAND FLOW TESTS, AND SYSTEM MAIN DRAIN TO SAFE LOCATION OUTSIDE, COORDINATED WITH OWNER.</p> <p>WORK SHALL BE SCHEDULED TO MINIMIZE DISRUPTION OF FIRE SERVICE, COORDINATE WITH OWNER FOR SHUT DOWN AND MAINTAIN A FIRE WATCH WHEN SYSTEM IS INOPERABLE.</p> <p>DETERMINATION OF EXISTING BUILDING SPRINKLER COVERAGE AND CONDITIONS, INCLUDING WATER PRESSURE AND FLOW ARE THE RESPONSIBILITY OF THE CONTRACTOR. FIELD CHECK EXISTING PIPING, PROVIDE FLOW TEST, MAKE CALCULATIONS, AND PROVIDE OTHER SERVICES TO PROPERLY DESIGN OR MODIFY THE SYSTEMS, AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION AND FOR THE WORK. PROVIDE RISER PLATES AS REQUIRED BY NFPA 13.</p> <p>SUBMIT FIRE PROTECTION DRAWINGS, CALCULATIONS, AND CUT SHEETS TO ENGINEER, AND AUTHORITY HAVING JURISDICTION (AHJ), PRODUCT DATA, SHOP DRAWINGS, AND CALCULATIONS SHALL BE SUBMITTED TOGETHER FOR REVIEW; PARTIAL SUBMITTALS NOT ALLOWED.</p> <p>OBTAIN APPROVAL FROM THE OWNER, AND AHJ BEFORE STARTING INSTALLATION OF THE SYSTEM. SUBMIT CORRESPONDENCE WITH THE AHJ TO THE OWNER AND ENGINEER. DRAWINGS AND CALCULATIONS SHALL INCLUDE THE NICET CERTIFICATION AND STATE OF ALASKA PERMIT IIC NUMBERS AND SIGNATURE OR ALASKA STAMP OF A LICENSED PROFESSIONAL ENGINEER AND THE FIRE PROTECTION CONTRACTOR'S ALASKA SPECIALTY LICENSE NUMBER.</p> <p>OBTAIN APPROVAL OF THE OWNER PRIOR TO ORDERING, FABRICATING, OR INSTALLING PART OF THE SYSTEM. HEAD LOCATIONS ARE SUBJECT TO THIS REVIEW AND APPROVAL.</p> <p>APPROVED FULL SIZE AS-BUILT DRAWINGS, ELECTRONIC COPY OF AS-BUILTS IN PDF AND DWG FORMATS, AND O&amp;M MANUAL SHALL BE SUBMITTED.</p> <p><b>PLUMBING AND SPECIALTIES</b></p> <p>PLUMBING FIXTURES: AS SCHEDULED.</p> <p>PIPING, FITTINGS, VALVES, MATERIALS, AND EQUIPMENT TO BE CERTIFIED LEAD FREE PER NSF/ANSI 61 AND NSF/ANSI-372 AND INTENDED FOR POTABLE DOMESTIC WATER SERVICE.</p> <p>WATER PIPE AND FITTINGS: PP-RCT, NIRON, PIPING SYSTEM WITH MANUFACTURER'S APPROVED FITTINGS. FIXTURE CONNECTIONS: CROSS LINKED POLYETHYLENE (PEX) PIPING WITH PERFORMANCE AND DIMENSIONS MEETING ASTM F877 AND CSA B 137.5. PROFEX LEAD FREE FITTINGS. 100 PSIG RATING AT 180 DEGREES F. BASIS OF DESIGN: UPONOR AQUAPEX WHITE.</p> <p>POLYPROPYLENE (PP-R) AQUATHERM GREEN PIPING NOT ALLOWED.</p> <p>BALL VALVES: BRASS OR BRONZE BODY, 2 PIECE, FULL PORT, 600 PSIG WOG, STAINLESS STEEL BALL, TFE SEATS, -20°F TO 400 °F TEMPERATURE RANGE. MANUFACTURER: NIBCO 585-70-66 OR EQUAL.</p> <p>DWV PIPE AND FITTINGS: COPPER DWV WITH SOLDERED JOINTS ABOVE GRADE. CAST IRON WITH HEAVY DUTY HUBLESS JOINTS ABOVE GRADE OR BELOW GRADE.</p> <p>PROVIDE FIXTURES AND ACCESSORIES AS SCHEDULED WITH CARRIERS, SUPPORTS, ANGLE STOPS, AND STAINLESS STEEL FLEX CONNECTORS.</p> <p>RAINLEADER PIPING: NO-HUB CAST IRON PIPING, CISPI 301, ASA GROUP 022, WITH HEAVY DUTY NO HUB COUPLINGS, HUSKY 4000 OR EQUAL.</p> <p>ELECTRONIC TRAP PRIMER: COMPLETE UNIT WITH SOLENOID VALVE WITH INTEGRAL STAINLESS STEEL SCREEN, AIR GAP, TIMING BOX, AND RECESSED ACCESS BOX WITH COVER. 120V, 1PH ELECTRICAL INPUT. BASIS OF DESIGN: PRECISION PLUMBING PRODUCTS.</p> <p><b>HYDRONIC PIPE AND ACCESSORIES</b></p> <p>TYPE L COPPER PIPE WITH BRAZED OR SOLDER TYPE WROUGHT COPPER FITTINGS. JOINTS WITH LEAD-FREE SOLDER 2" AND UNDER AND BRAZED CONNECTIONS OVER 2" WITH WATER-SOLUBLE FLUX.</p> <p>BRAZED CONNECTIONS FOR GLYCOL SYSTEMS.</p> <p>MECHANICAL "PROGRESS" FITTINGS ACCEPTABLE WHERE NOT CONCEALED.</p> <p>TERMINAL UNIT ASSEMBLIES WITH GRISWOLD FLOW CONTROL VALVE KITS WITH STRAINER, UNIONS, MANUAL AIR VENT, TEST TEES, AND BALL TYPE CONTROL VALVE WITH LONG TECHNOLOGIES ACTUATOR.</p> <p>BALL VALVES: BRASS OR BRONZE BODY, 2 PIECE, FULL PORT, 600 PSIG WOG AND BALL TFE SEATS, -20 DEG F TO 400 DEG F TEMPERATURE RANGE. MANUFACTURER: NIBCO 585-70-66 OR EQUAL.</p> <p><b>PUMPS</b></p> <p>PERFORMANCE AS SCHEDULED.</p> <p><b>AIR COOLED CHILLER</b></p> <p>PERFORMANCE AS SCHEDULED.</p>	<p><b>TERMINAL HEATING UNITS</b></p> <p>PERFORMANCE AS SCHEDULED.</p> <p><b>DUCTS AND ACCESSORIES</b></p> <p>DUCTWORK SHALL BE PER SMACNA DUCT CONSTRUCTION STANDARDS, MEDIUM PRESSURE, 6 IN WC, +/- . CLASS UPSTREAM OF TERMINAL UNITS AND LOW PRESSURE 2 IN WC +/-, DOWN STREAM OF TERMINAL UNITS, G-90 COATING, ALL SEALS CLASS A, MINIMUM 26 GAUGE, AS MINIMUM CRITERIA. FITTINGS SHALL BE LOW LOSS TYPE.</p> <p>FLEX DUCT SHALL BE CLASS 1 FLEXIBLE AIR DUCT, UL LISTED AND COMPLYING WITH NFPA 90A AND 90B, THERMAFLEX TYPE G-KM.</p> <p>VAV AND CV BOX INLET DUCT SIZES SHALL BE THE SAME SIZE AS THE TERMINAL INLET COLLAR, UNLESS NOTED OTHERWISE. VAV BOXES SHALL HAVE ACCESS PANEL UPSTREAM OF REHEAT COIL AND AT PLENUM. VAV BOX BASIS OF DESIGN SHALL BE TITUS WITH STER-LOC FOR HOSPITAL AND WITH 1" FSK INSULATION BOARD LINED DISCHARGE PLENUM AND FIBER-FREE IN OTHER AREAS WITH 1" FSK INSULATION BOARD LINED DISCHARGE PLENUM.</p> <p>BRANCH DUCTS TO INDIVIDUAL DIFFUSERS SHALL BE A MINIMUM OF THE SAME SIZE AS THE DIFFUSER CONNECTION COLLAR.</p> <p>PROVIDE VOLUME DAMPERS AT EACH LOW-PRESSURE DUCT MAIN AND BRANCH AND AS SHOWN. PROVIDE ACCESS TO DAMPER OR REMOTE DAMPER OPERATORS WHERE REQUIRED BY CEILING CONSTRUCTION.</p> <p>LOCATE DIFFUSERS AND GRILLES AS SHOWN. PERFORMANCE AS SCHEDULED. COORDINATE BORDER TYPE WITH CEILING. REMOVE EXISTING TO REMAIN DIFFUSERS AND GRILLES TO SUPPORT CEILING WORK. WIPE UNIT SURFACES CLEAN, STORE AND REINSTALL.</p> <p>PAINT PLENUM BOXES AND DUCT INTERIORS FLAT BLACK WHERE OBSERVABLE FROM THE FLOOR OR PUBLIC AREAS.</p> <p>PROVIDE ADEQUATE CLEARANCES FOR OPERATIONS AND MAINTENANCE FOR ALL CV/VAV BOXES, DAMPERS, LINKS AND ACTUATORS.</p> <p><b>FANS</b></p> <p>PERFORMANCE AS SCHEDULED.</p> <p><b>AIR HANDLING UNITS</b></p> <p>PERFORMANCE AS SCHEDULED.</p> <p><b>TESTING, ADJUSTING AND BALANCING</b></p> <p>PROVIDE THE SERVICES OF A NEBB CERTIFIED TAB FIRM TO TEST ADJUST AND BALANCE THE VENTILATION AND HYDRONIC SYSTEMS SERVING THE PROJECT AREA. PROVIDE BOTH A PRECONSTRUCTION AND A POST CONSTRUCTION TAB REPORT FOR REVIEW AND APPROVAL.</p> <p>PRECONSTRUCTION TAB SCOPE OF WORK:</p> <ol style="list-style-type: none"> <li>RECORD THE BAS AIR TERMINAL UNIT AIRFLOW SET POINTS FOR AIR TERMINAL UNITS T-78, T-81, T-82, T-84, T-87, AND T-89.</li> <li>MEASURE AND RECORD THE SUPPLY AIRFLOW AND ASSOCIATED RETURN AIRFLOWS FOR AIR TERMINAL UNITS T-78, T-81, T-82, T-84, T-87, AND T-89. RECORD THE AIR TERMINAL UNIT DAMPER POSITION.</li> <li>MEASURE AND RECORD AIR TERMINAL UNIT DISCHARGE TEMPERATURES AT FULL HEAT AND AT FULL COOLING CONDITION.</li> <li>RECORD THE BAS AHU-2 DUCT STATIC PRESSURE SETPOINT AND BAS ACTUAL DUCT STATIC PRESSURE AT THE TIME OF TESTING.</li> </ol> <p>POST CONSTRUCTION TAB SCOPE OF WORK:</p> <ol style="list-style-type: none"> <li>TEST, MEASURE AND ADJUST THE VENTILATION SYSTEMS SERVING THE PROJECT.</li> <li>TEST, MEASURE AND ADJUST THE HYDRONIC SYSTEMS SERVING THE PROJECT.</li> <li>TEST, MEASURE AND ADJUST THE HOT WATER RECIRCULATION SYSTEM SERVING THE PROJECT.</li> </ol> <p>SETTINGS OF ALL VALVES, DAMPERS AND OTHER ADJUSTMENTS DEVICES TO BE PERMANENTLY MARKED BY THE BALANCING AGENCY, SO THAT ADJUSTMENT CAN BE EASILY RESTORED IF DISTURBED AT ANY TIME.</p> <p>PRIOR TO ACTUAL START OF TESTING, ADJUSTING AND BALANCING VERIFY THE SYSTEMS AND EQUIPMENT ARE READY FOR THIS WORK. REVIEW PLANS BEFORE CONSTRUCTION STARTS AND INSTALLATION FOR EQUIPMENT AND ACCESS TO BALANCE SYSTEMS. CORRECT AIR AND WATER SYSTEM PERFORMANCE DEFICIENCIES DISCLOSED BY INITIAL TESTING AND NOTIFICATION TO ENGINEER, PRIOR TO FINAL BALANCING.</p> <p>VAV TERMINAL CONTROL UNITS TO BE ADJUSTED FOR THE AIR QUANTITIES INDICATED. AIR QUANTITIES TO BE MEASURED AND ADJUSTED AT EACH OUTLET AND THIS SUMMATION TO BE USED TO CORRECT BOX FLOW COEFFICIENT. THE BOX FLOW COEFFICIENT TO BE RECORDED FOR EACH DDC TERMINAL AND INCLUDED IN BALANCING REPORT. ADJUST THERMOSTATS WHICH CONTROL VAV BOXES AND RECORD MAXIMUM AND MINIMUM CFMS.</p> <p>BALANCE ALL AIR AND LIQUID FLOW RATES TO WITHIN +/- 5% OF DESIGN FLOW RATES INDICATED SUCH THAT INDICATED MINIMUM AIR CHANGES PER HOUR OR AIR FLOWS TO BE PROVIDED. AIRFLOWS LESS THAN 301 CFM MAY BE BALANCED TO +/- 10%, EXCEPT IN AREAS REQUIRED TO BE POSITIVE OR NEGATIVE TO ADJACENT AREAS.</p> <p><b>BUILDING AUTOMATION SYSTEM (BAS)</b></p> <p>BAS SYSTEM CONTROL MATERIALS AND WORK SHALL BE BY LONG TECHNOLOGIES. WORK SHALL BE COMPATIBLE WITH, AND AN EXTENSION OF EXISTING BUILDING AUTOMATION SYSTEM (BAS).</p> <p>PROVIDE NEW ZONE TEMPERATURE SENSORS. MATCH EXISTING TYPE IN THE FACILITY.</p> <p>VERIFY FUNCTION, CALIBRATION, AND SYSTEM ACCURACY OF EXISTING SENSORS, DEVICES, AND EQUIPMENT TO BE USED.</p> <p>REMOVE DDC SOFTWARE PROGRAMS, VIRTUAL OR REAL POINTS, STORED DATA, REGISTERS, AND GRAPHIC DISPLAY FILES WHICH WILL BE SUPERSEDED, REDUNDANT OR UNUSED BY THIS PROJECT.</p> <p>INTEGRATE BAS GRAPHIC CONTROL WORK. PROVIDED IN CONTROL SUBMITTAL A SUMMARY OF SOFTWARE FEATURES, REGISTRIES, AND GRAPHIC DISPLAYS TO BE ADDED, ALTERED, OR DELETED BY THIS PROJECT. INCORPORATE THIS INFORMATION INTO SYSTEM ACCEPTANCE FOR VERIFICATION AND OWNER TRAINING.</p> <p>UPON COMPLETION OF THE INSTALLATION, INITIATE OPERATION OF THE SYSTEM AND PERFORM TRENDRINGS, TESTING, AND DIAGNOSTICS TO ENSURE PROPER SYSTEMS OPERATION AND AS REQUIRED BY THE OWNER.</p> <p>SEQUENCES OF OPERATION: TBD.</p>

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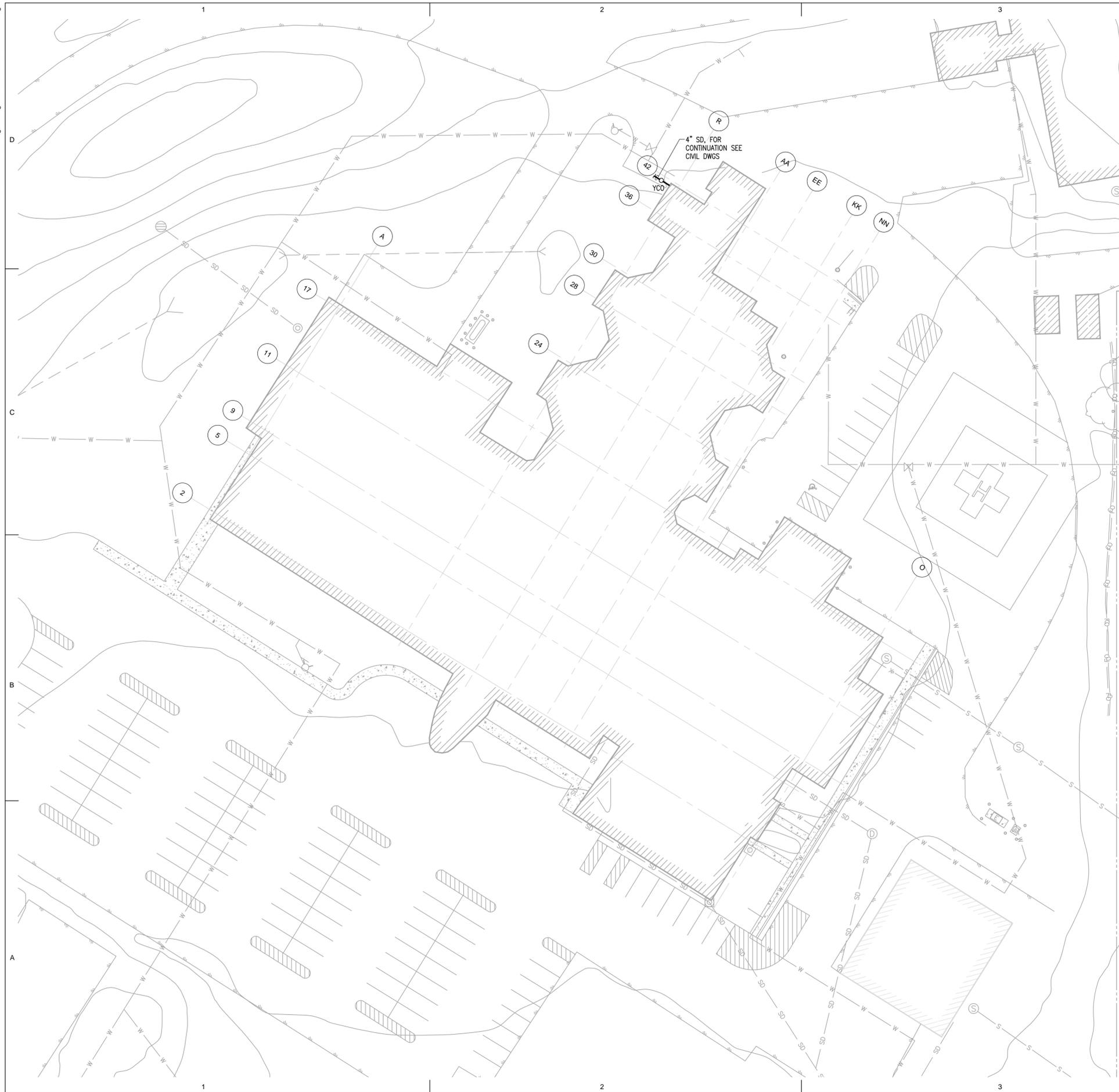
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**1 SITE PLAN - MECHANICAL**  
 M1.01 SCALE: 1" = 30'



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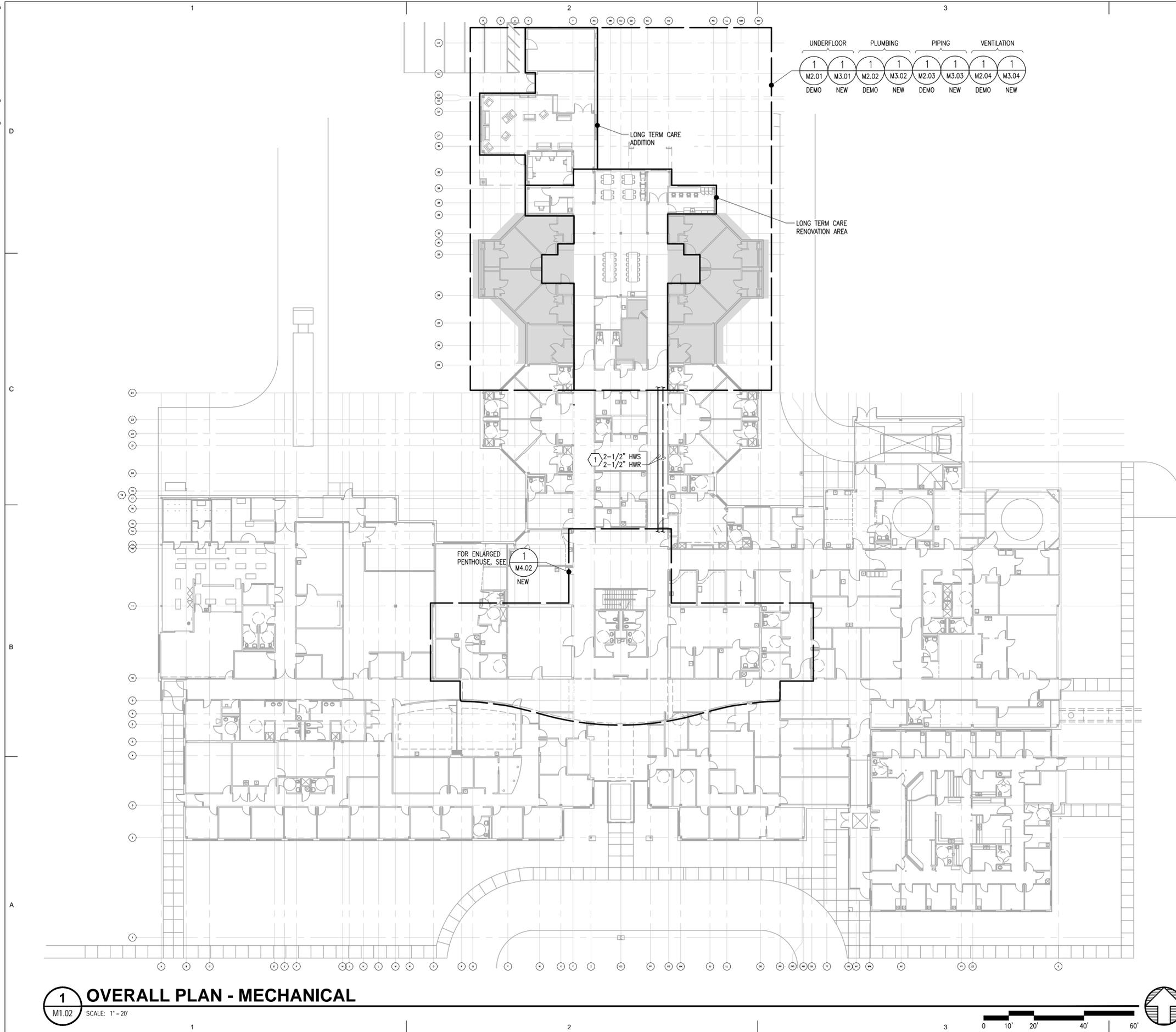
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Sheet Contents  
 SITE PLAN - MECHANICAL

Sheet No.  
**M1.01**



**SHEET NOTES**

1 ROUTE PIPING IN ABOVE CEILING SPACE.

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Sheet Contents  
OVERALL PLAN - MECHANICAL

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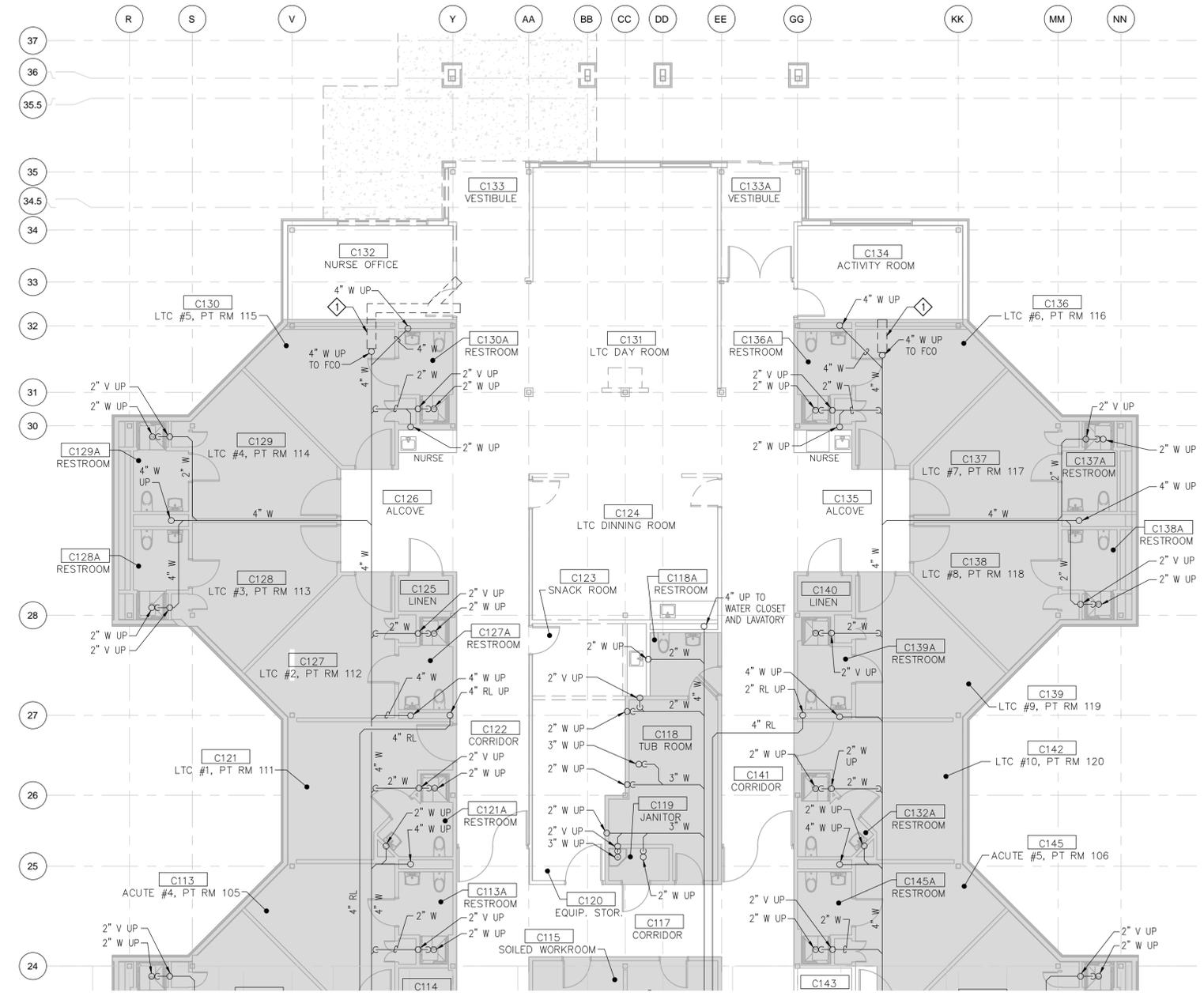
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M1.02 SCALE: 1" = 20'

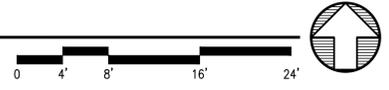


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**1 UNDERFLOOR PLAN - MECHANICAL - DEMOLITION**  
 SCALE: 1/8" = 1'-0"



**GENERAL NOTES**

- COORDINATE DEMOLITION WITH NEW WORK.
- FIELD VERIFY EXISTING CONDITIONS.

**DEMOLITION NOTES**

- SAWCUT CONCRETE FLOOR SLAB TO PREPARE FOR NEW WASTE PIPE CONNECTION. REFER TO 1/M3.01 FOR NEW WORK UNDERFLOOR PLAN.

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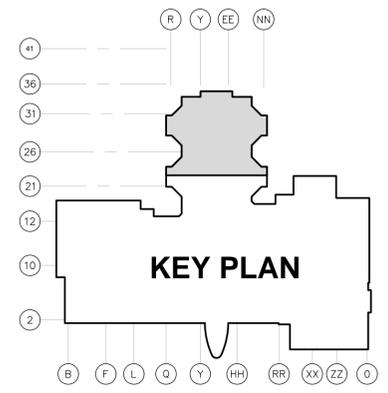
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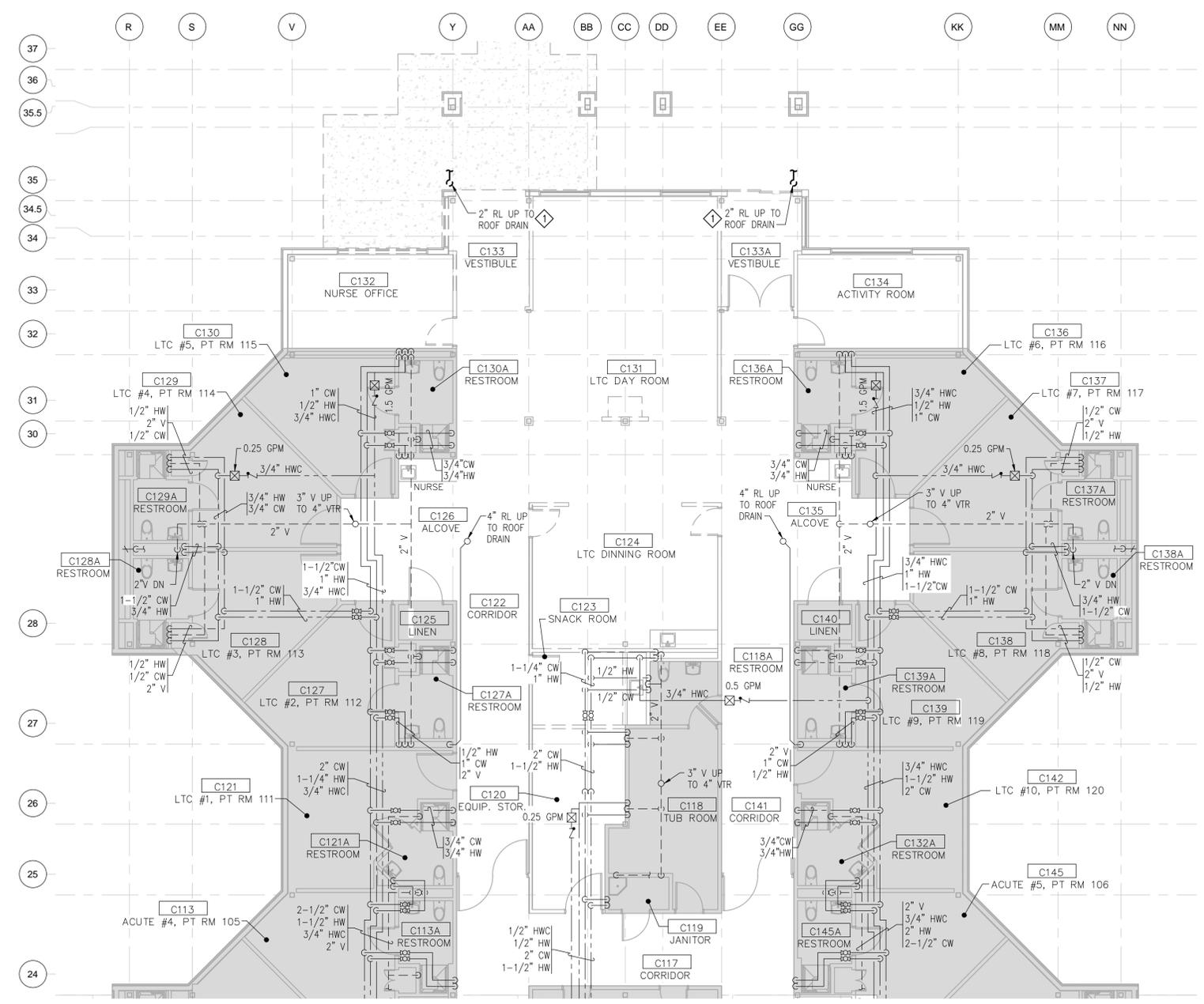
Sheet Contents UNDERFLOOR PLAN - MECHANICAL - DEMOLITION
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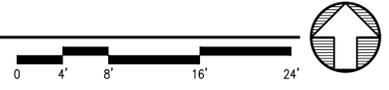


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**1 FLOOR PLAN - PLUMBING - DEMOLITION**  
 SCALE: 1/8" = 1'-0"



**GENERAL NOTES**

- COORDINATE DEMOLITION WITH NEW WORK.
- FIELD VERIFY EXISTING CONDITIONS.

**DEMOLITION NOTES**

- DEMOLISH ROOF DRAIN, RAINLEADER PIPING, AND ASSOCIATED DOWNSPOUT SERVING DEMOLISHED CANOPY.

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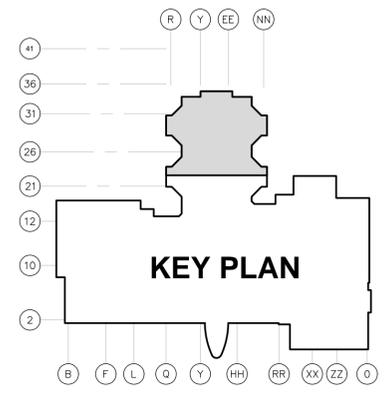
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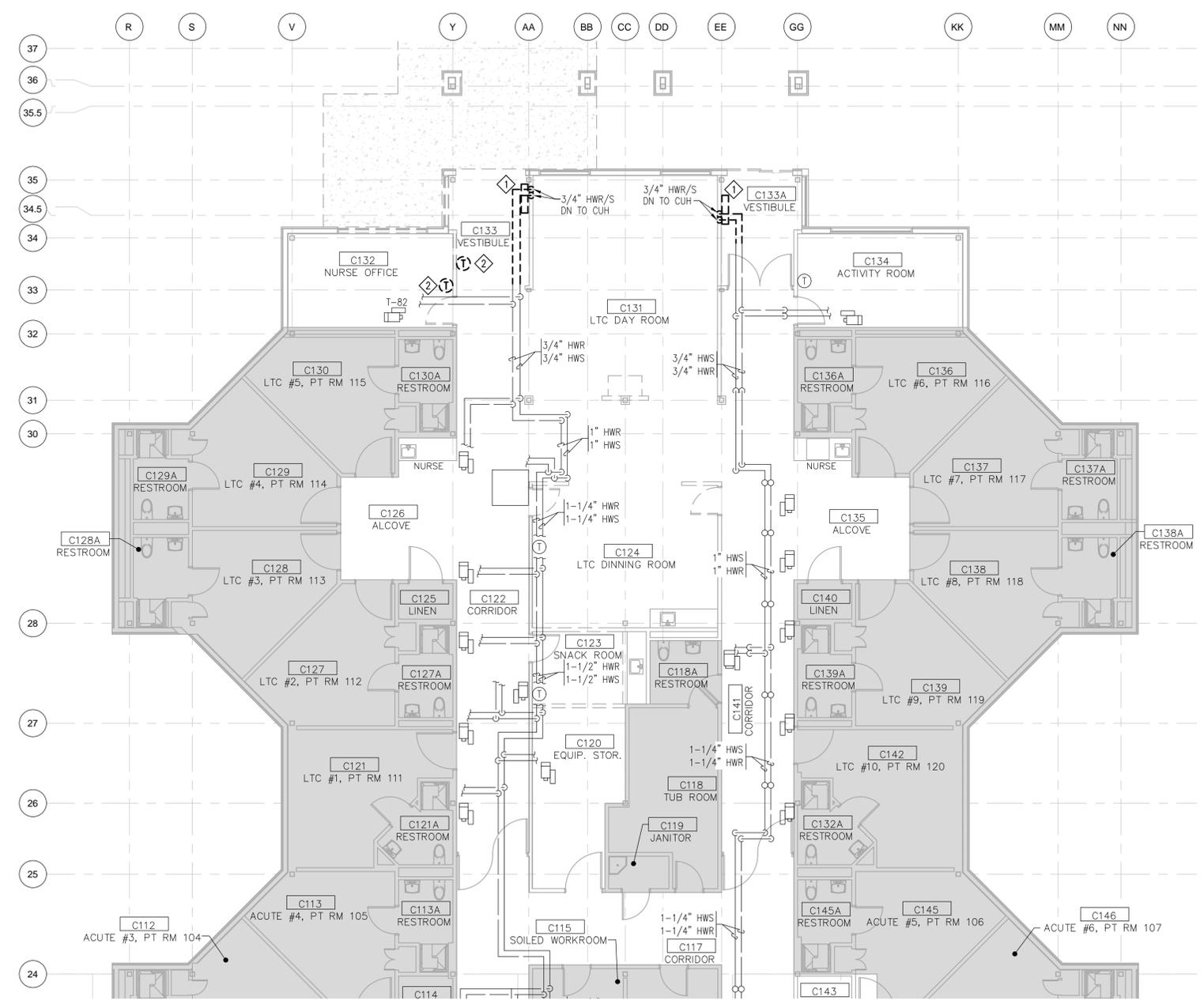
FLOOR PLAN - PLUMBING - DEMOLITION
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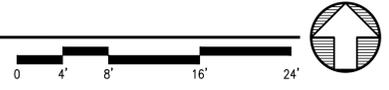


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**1 FLOOR PLAN - PIPING - DEMOLITION**  
 M2.03 SCALE: 1/8" = 1'-0"

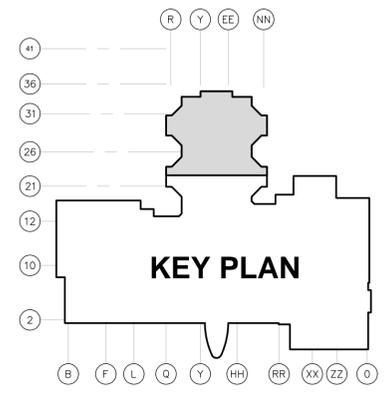


**GENERAL NOTES**

- COORDINATE DEMOLITION WITH NEW WORK.
- FIELD VERIFY EXISTING CONDITIONS.

**DEMOLITION NOTES**

- ① DEMOLISH CABINET UNIT HEATER, CONTROLS, AND BRANCH PIPING.
- ② DEMOLISH TEMPERATURE SENSOR.



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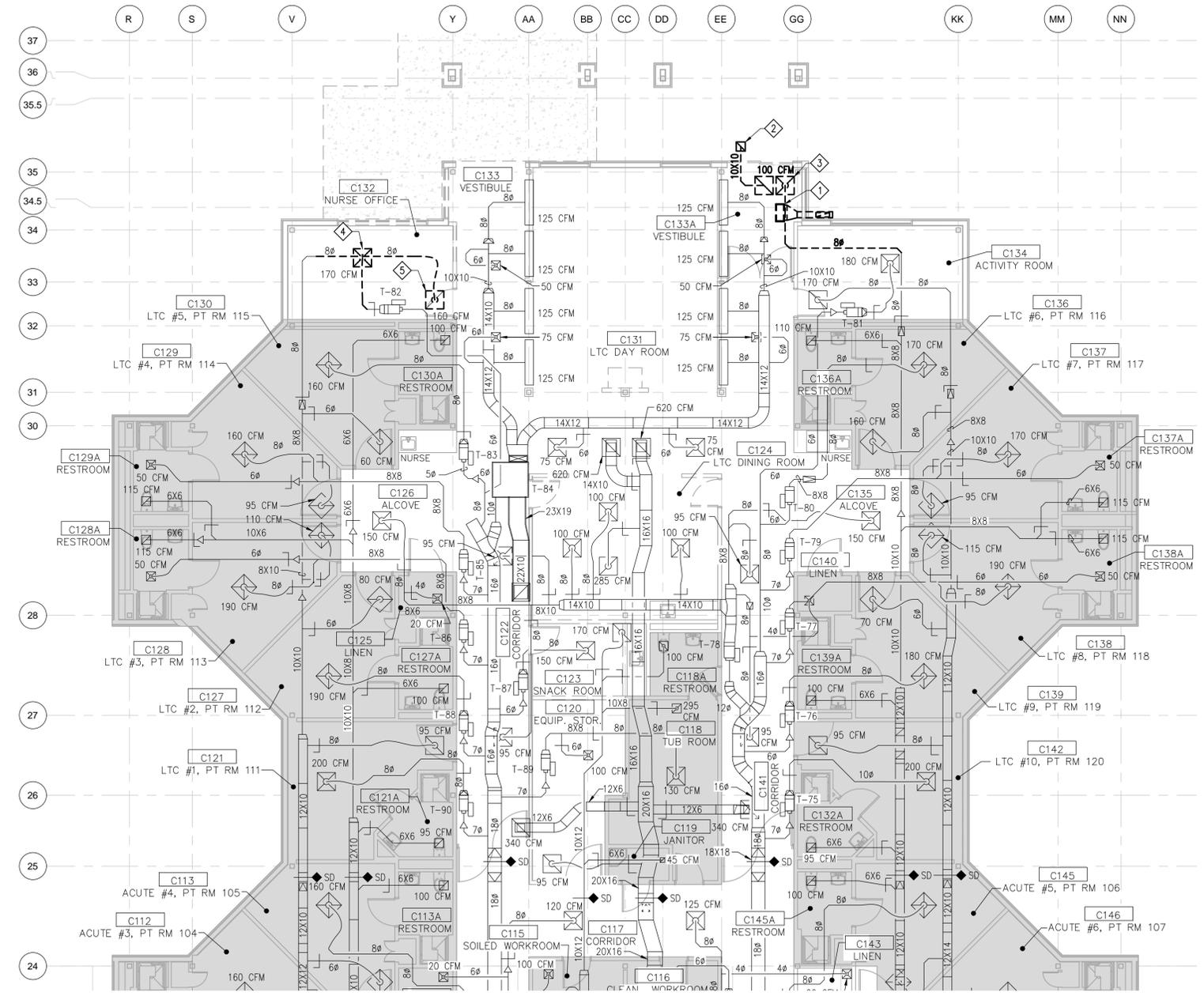
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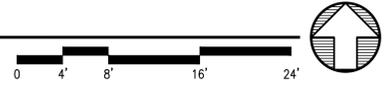
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Sheet Contents FLOOR PLAN - PIPING - DEMOLITION
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Sheet No.  
**M2.03**



**1 FLOOR PLAN - VENTILATION - DEMOLITION**  
 SCALE: 1/8" = 1'-0"

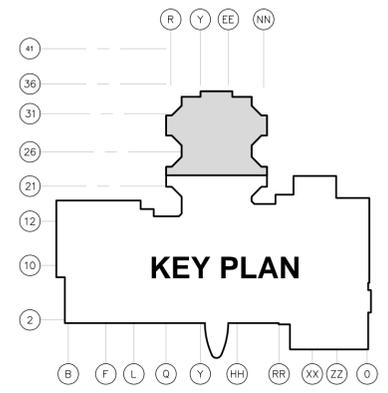


**GENERAL NOTES**

- COORDINATE DEMOLITION WITH NEW WORK.
- FIELD VERIFY EXISTING CONDITIONS.

**DEMOLITION NOTES**

- DEMOLISH EXHAUST FAN AND ASSOCIATED DUCTWORK. PATCH SOFFIT TO MATCH EXISTING.
- DEMOLISH TRANSFER AIR DUCTWORK.
- DEMOLISH EXHAUST GRILLE AND DUCTWORK.
- REMOVE AND RETAIN SUPPLY GRILLE FOR RELOCATION. DEMOLISH ASSOCIATED BRANCH DUCTWORK AS SHOWN TO ACCOMMODATE.
- REMOVE AND RETAIN RETURN GRILLE FOR RELOCATION. DEMOLISH ASSOCIATED BRANCH DUCTWORK AS SHOWN TO ACCOMMODATE.



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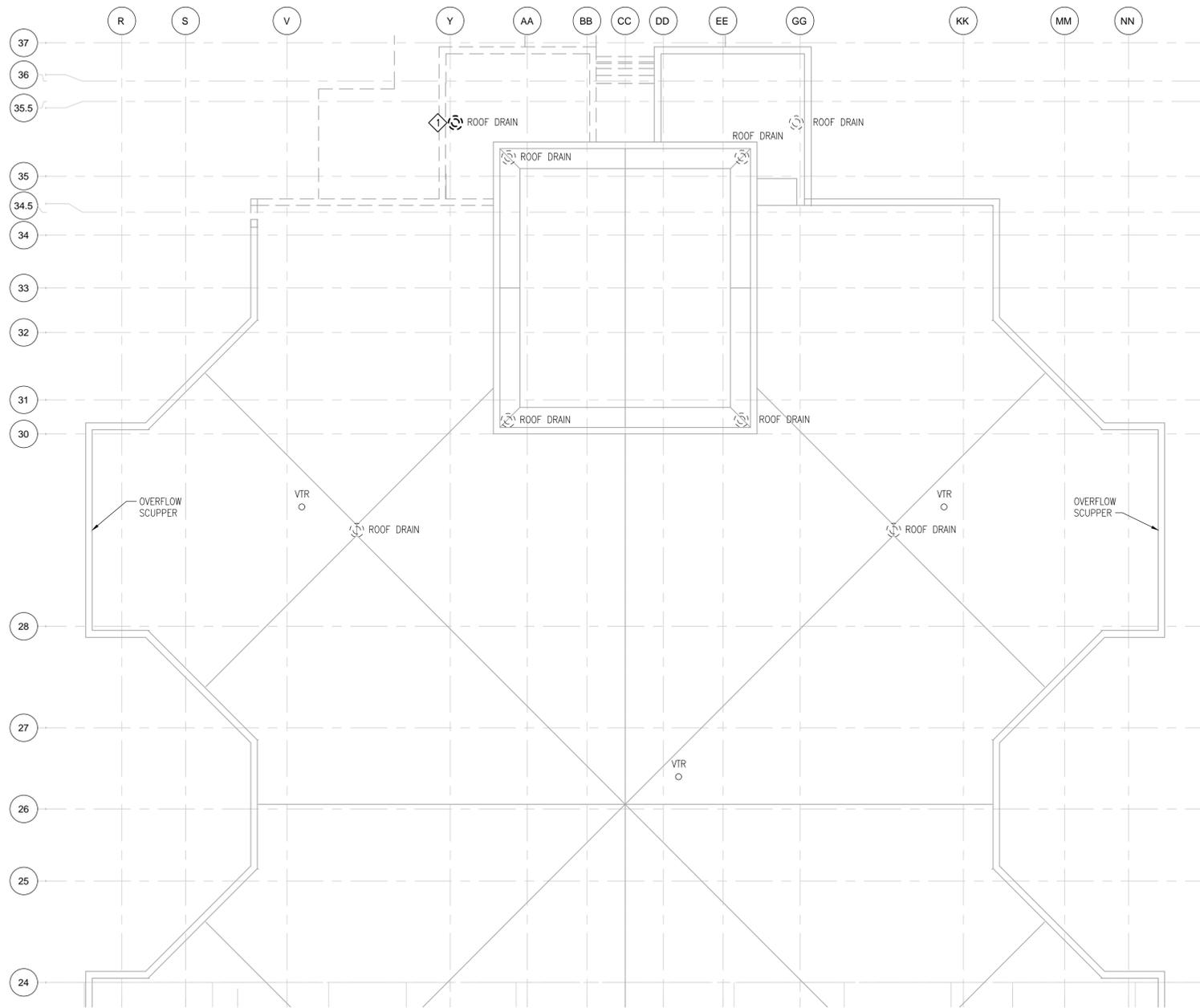
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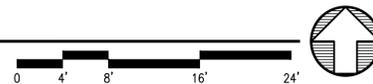
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Sheet Contents  
 FLOOR PLAN - VENTILATION - DEMOLITION

Sheet No.  
**M2.04**



**1 ROOF PLAN - MECHANICAL - DEMOLITION**  
 M2.05 SCALE: 1/8" = 1'-0"



**GENERAL NOTES**

- COORDINATE DEMOLITION WITH NEW WORK.
- FIELD VERIFY EXISTING CONDITIONS.

**DEMOLITION NOTES**

- DEMOLISH ROOF DRAIN AND ASSOCIATED RAINLEADER PIPING AND DOWNSPOUT.



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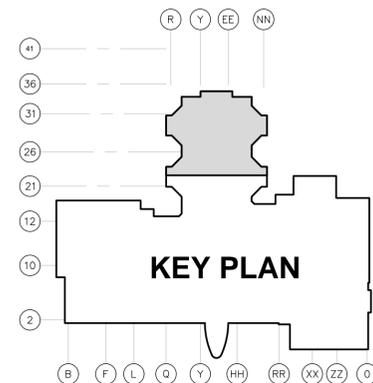
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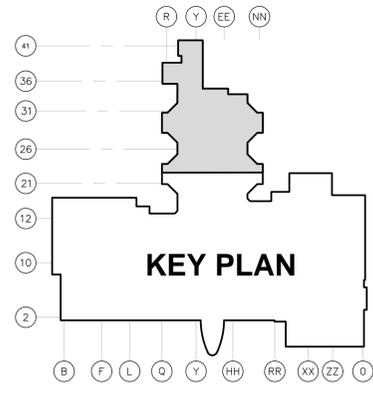
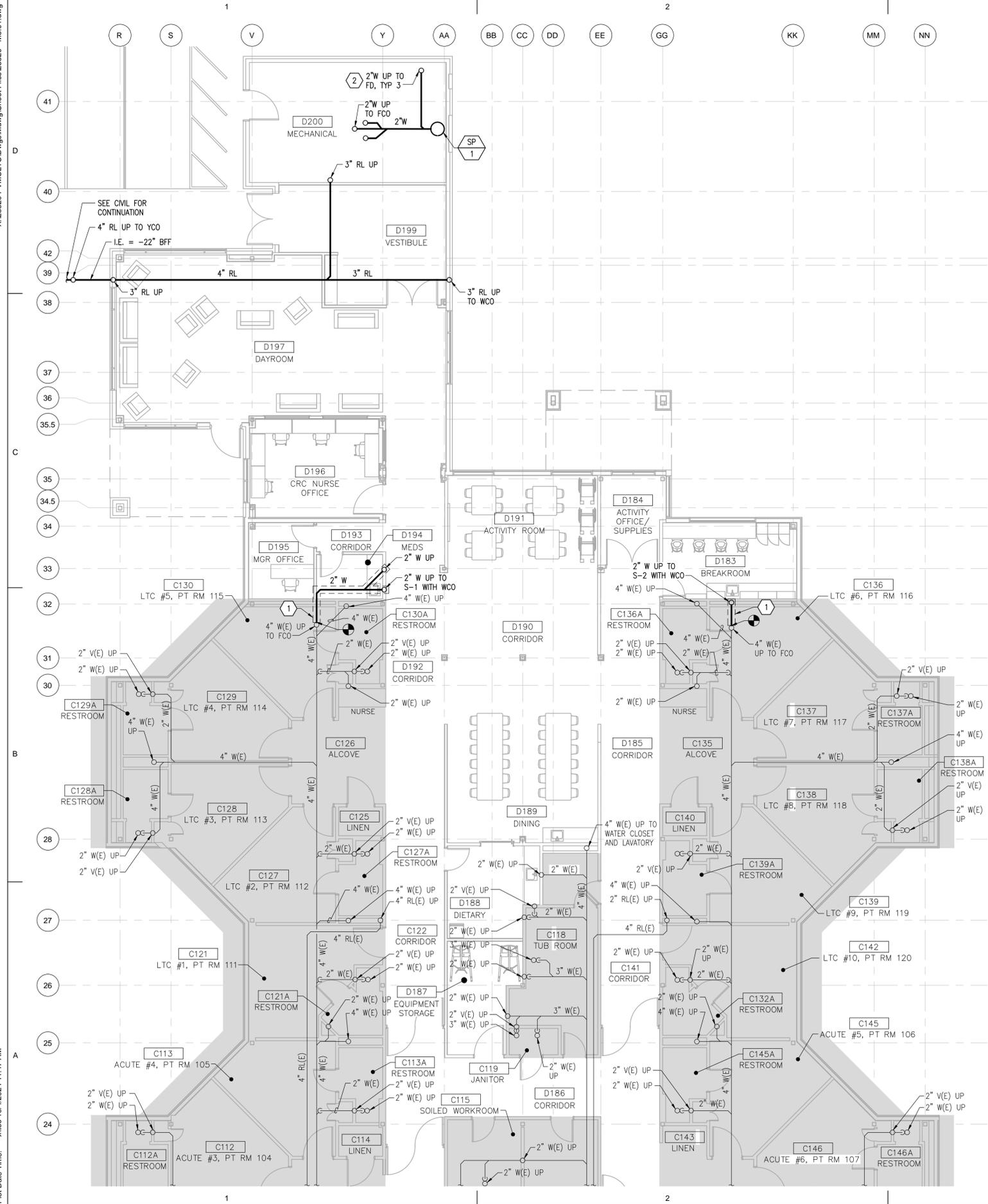
Sheet Contents  
 ROOF PLAN - MECHANICAL -  
 DEMOLITION

Sheet No.  
**M2.05**



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### GENERAL NOTES

1. SLOPE WASTE PIPING AT 1/4" PER FOOT.
2. SLOPE RAINLEADER PIPING AT 1/8" PER FOOT.

### SHEET NOTES

1. APPROXIMATE EXTENTS OF SLAB SAWCUT SHOWN.
2. VENT PIPING NOT SHOWN.

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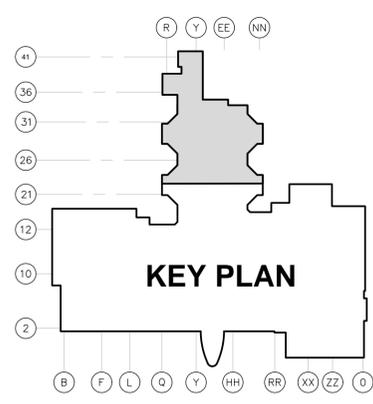
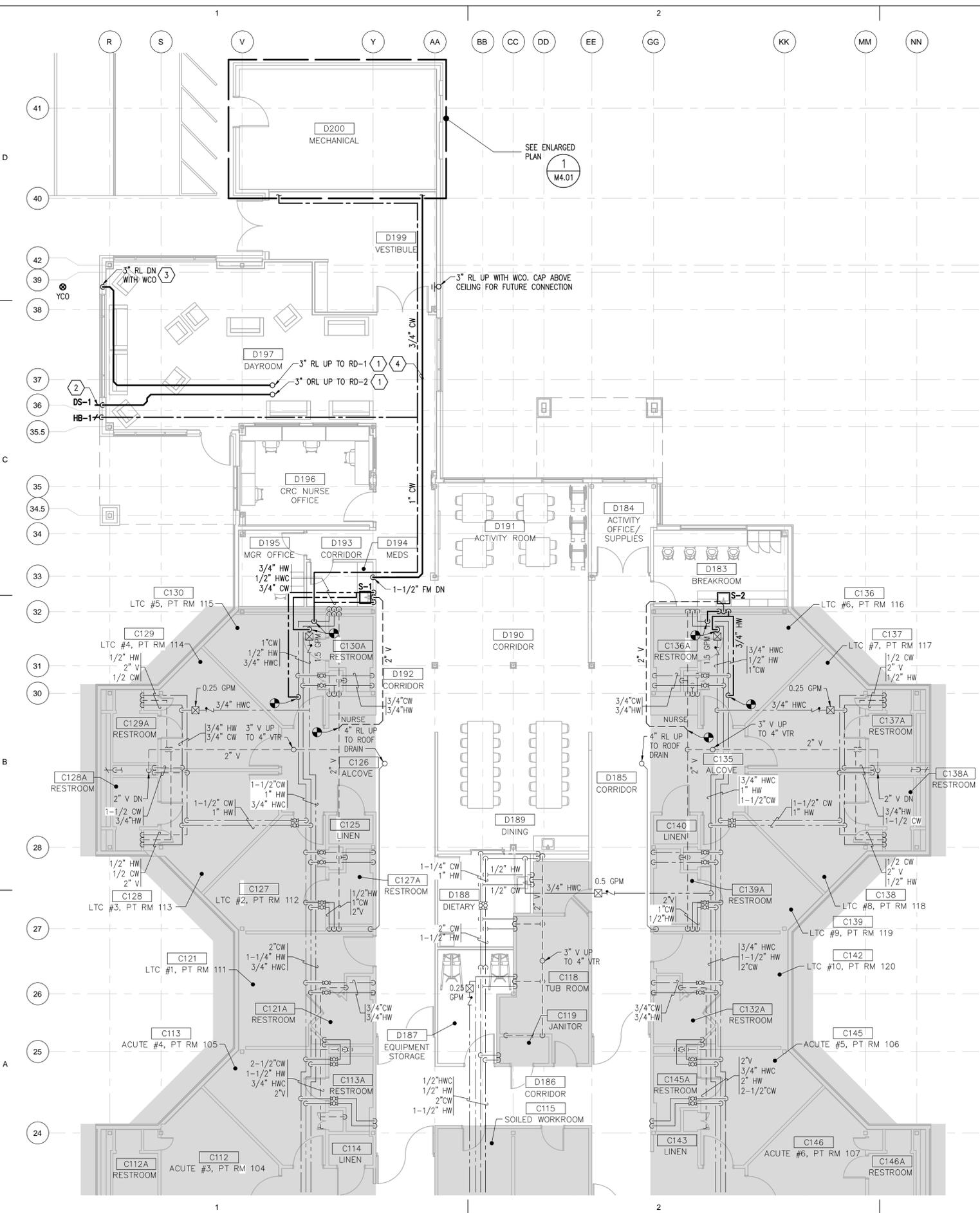
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**M3.01**

**1 UNDERFLOOR PLAN - MECHANICAL**  
 M3.01 SCALE: 1/8" = 1'-0"



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### GENERAL NOTES

1. MINIMUM PLUMBING PIPE SIZE SERVING MULTIPLE FIXTURES IS 3/4". REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE FOR INDIVIDUAL FIXTURE PIPE SIZES.
2. MAXIMUM UNCIRCULATED HW PIPE LENGTH TO PLUMBING FIXTURE IS 10 FEET.
3. SLOPE RAINLEADER AND OVERFLOW RAINLEADER PIPING AT 1/8" PER FOOT.

### SHEET NOTES

1. PROVIDE HEAT TRACE TO ROOF DRAIN. COORDINATE WITH ELECTRICAL.
2. PROVIDE HEAT TRACE FOR OVERFLOW SCUPPER. COORDINATE WITH ELECTRICAL.
3. PROVIDE HEAT TRACE FROM WCO TO SWALE DISCHARGE. COORDINATE WITH ELECTRICAL. REFER TO CIVIL DRAWINGS.
4. 1-1/2" PUMPED WASTE PIPING. SLOPE PIPING AT 1/4" PER FOOT.

## 1 FLOOR PLAN - PLUMBING

M3.02 SCALE: 1/8" = 1'-0"



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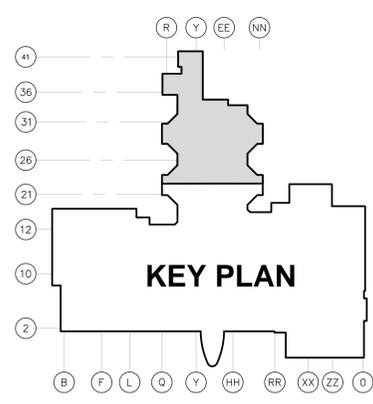
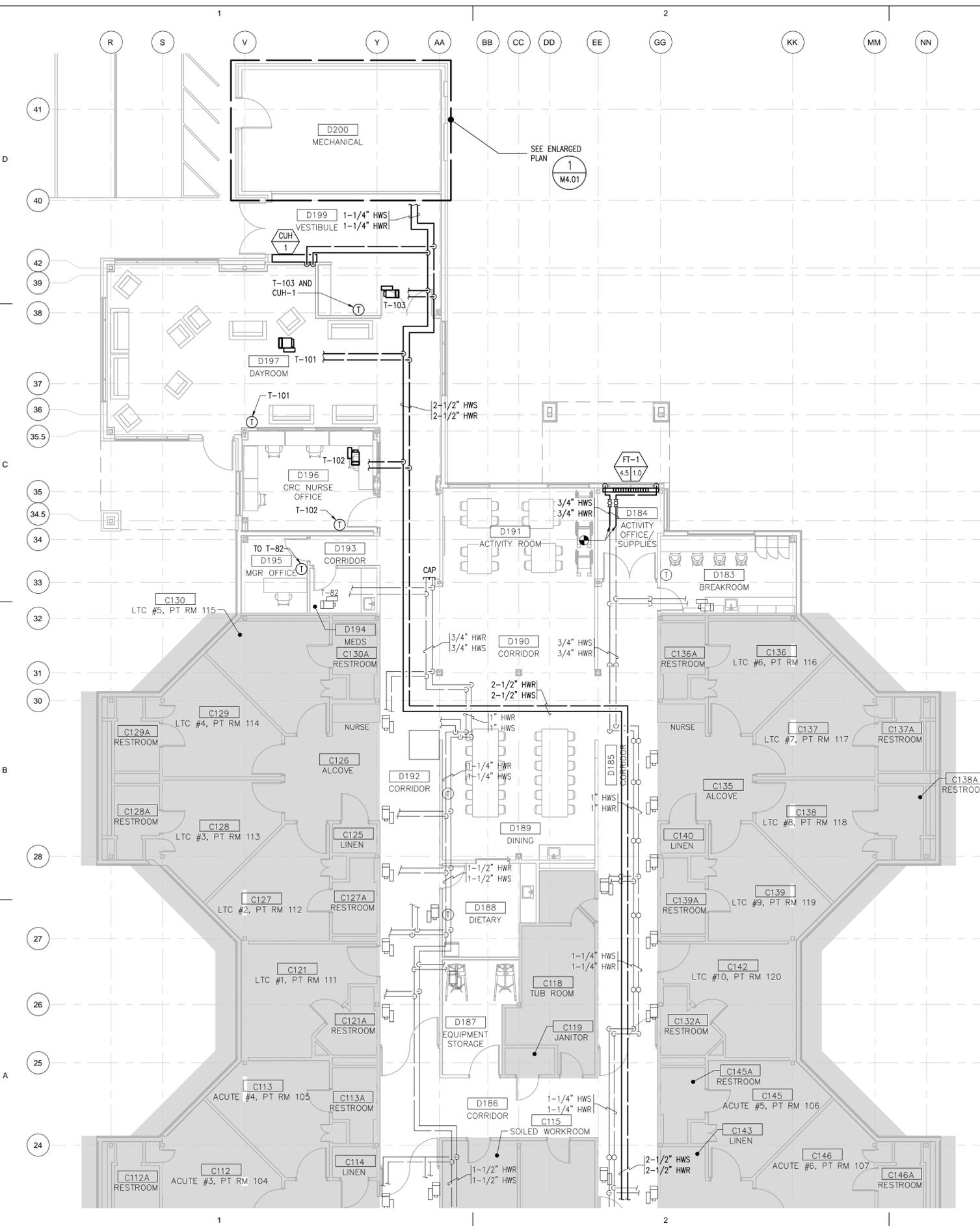
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FLOOR PLAN - PLUMBING

Sheet No.  
**M3.02**



### GENERAL NOTES

1. MINIMUM PIPE SIZE IS 3/4" UNLESS OTHERWISE NOTED.
2. LOCATE REHEAT COIL PIPING, VALVES, ACCESS DOORS, AND CONTROL BOX ON SAME SIDE OF AIR TERMINAL UNIT FOR SINGLE POINT ACCESS.

### SHEET NOTES

1. ROUTE HWS/HWR LINES TO SERVE LTC EXPANSION. CONNECT HWS/HWR LINES TO EXISTING 6" HWS/HWR PIPES IN PENTHOUSE NEAR THE INTERSECTION OF GRIDLINES 10 AND GG WITH ISOLATION AND DRAIN VALVES. SEE 1/M4.02 FOR CONNECTION IN PENTHOUSE. APPROXIMATE HORIZONTAL LENGTH OF HWS/HWR PIPING FROM EXISTING CONNECTION TO AHU-1 IS XXX FEET.

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No.	Description	Date

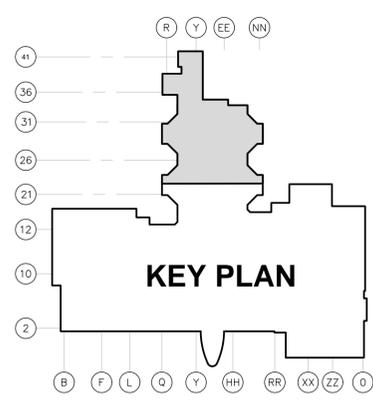
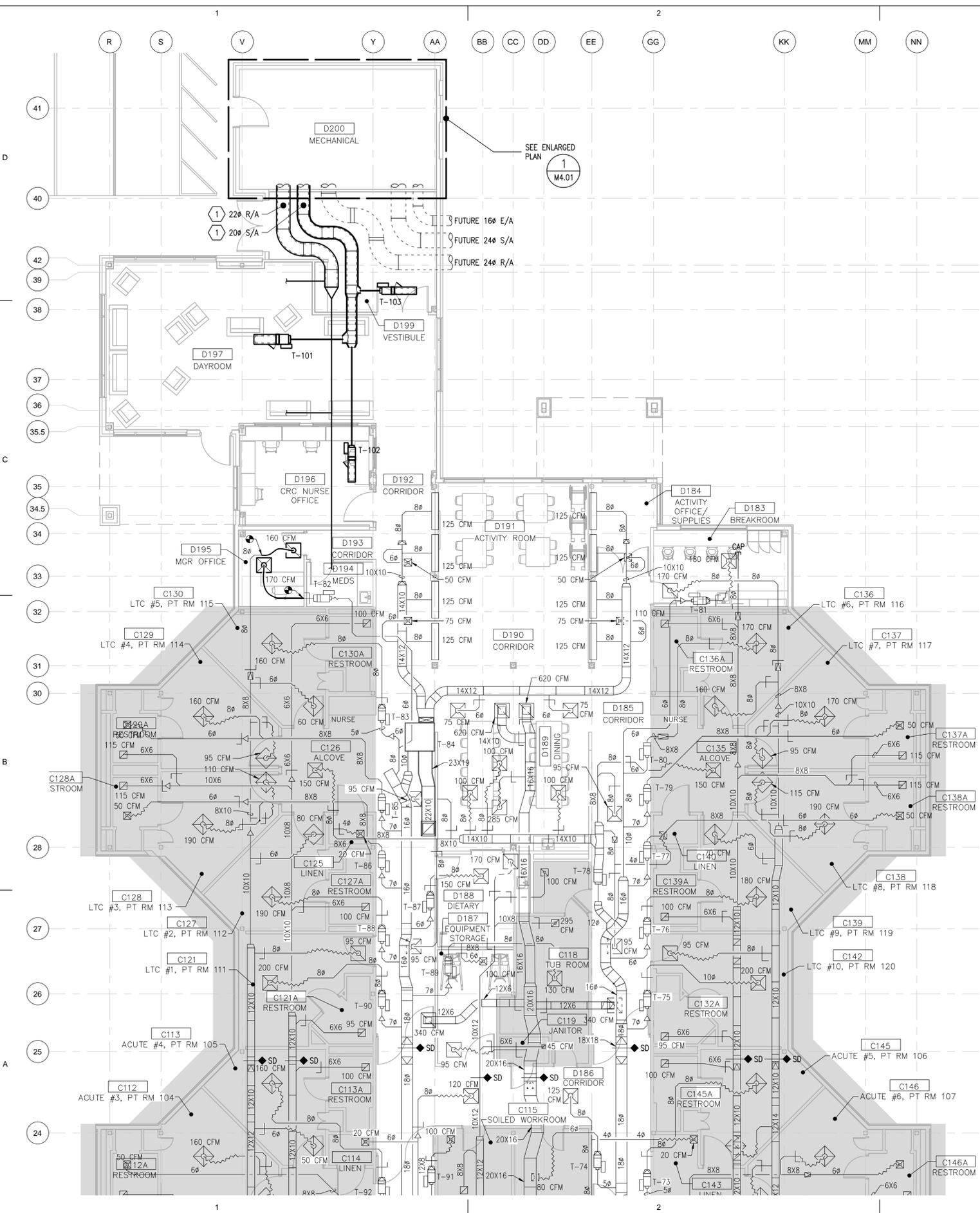
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Sheet Contents FLOOR PLAN - PIPING
---------------------------------------

Sheet No.  
**M3.03**

**1 FLOOR PLAN - PIPING**  
 M3.03 SCALE: 1/8" = 1'-0"





### GENERAL NOTES

1. LOCATE REHEAT COIL PIPING, VALVES, ACCESS DOORS, AND CONTROL BOX ON SAME SIDE OF AIR TERMINAL UNIT FOR SINGLE POINT ACCESS.
2. LOCATE BOTTOM OF AIR TERMINAL UNITS BETWEEN 6" AND 24" ABOVE TOP OF CEILING ASSEMBLY FOR ACCESSIBILITY.
3. PROVIDE A MINIMUM OF 3 DUCT DIAMETERS OF STRAIGHT DUCT UPSTREAM OF AIR TERMINAL UNIT INLET.

### SHEET NOTES

- 1 1" SOUND LINED DUCTWORK.

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Sheet Contents FLOOR PLAN - VENTILATION
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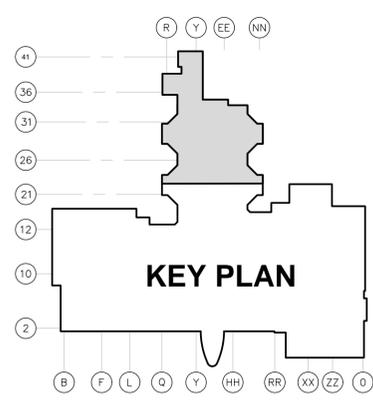
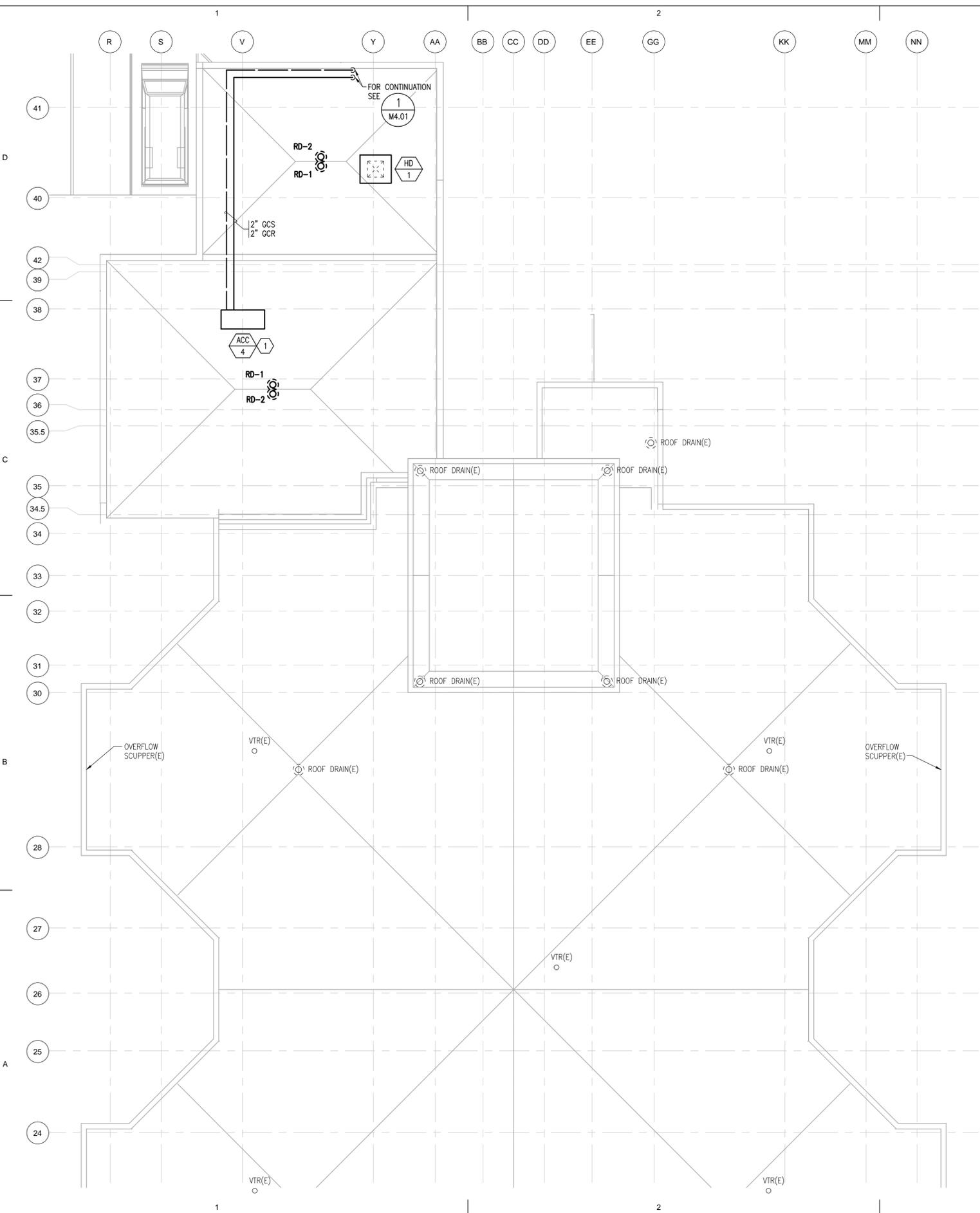
Sheet No.  
**M3.04**

**1 FLOOR PLAN - VENTILATION**  
 M3.04 SCALE: 1/8" = 1'-0"



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### SHEET NOTES

1 LOCATE UNIT A MINIMUM OF 20 FT FROM ANY BUILDING OPENINGS.

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Sheet Contents  
 ROOF PLAN - MECHANICAL

Sheet No.  
**M3.05**

**1 ROOF PLAN - MECHANICAL**  
 M3.05 SCALE: 1/8" = 1'-0"



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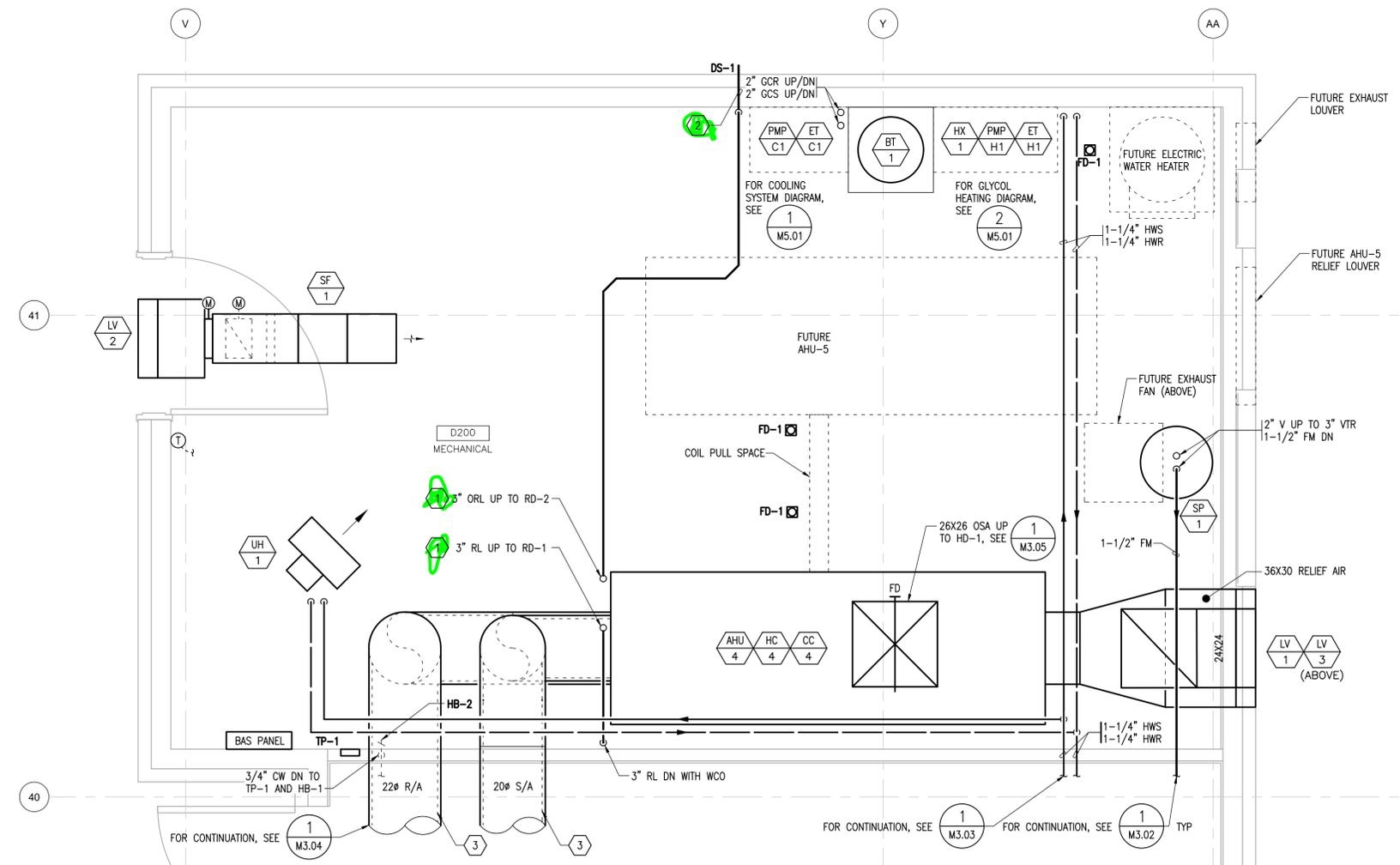
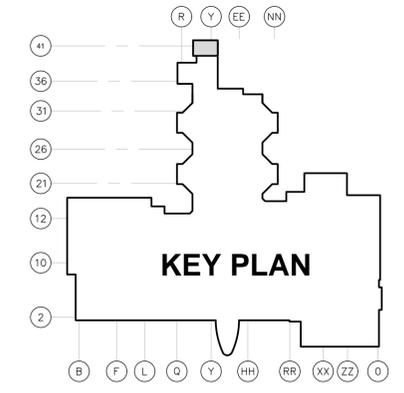
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### GENERAL NOTES

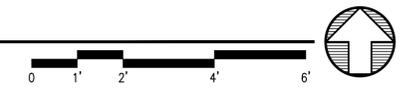
- FOR ROOF PLAN REFER TO 1/M3.05.
- SLOPE RAINLEADER AND OVERFLOW RAINLEADER PIPING AT 1/8" PER FOOT.
- MINIMUM PIPE SIZE IS 3/4" UNLESS NOTES OTHERWISE.

### SHEET NOTES

- PROVIDE HEAT TRACE TO ROOF DRAIN. COORDINATE WITH ELECTRICAL.
- PROVIDE HEAT TRACE FOR OVERFLOW SCUPPER. COORDINATE WITH ELECTRICAL.
- 1" SOUND LINED DUCTWORK.



**1 ENLARGED PLAN - MECHANICAL ROOM**  
M4.01 SCALE: 1/2" = 1'-0"



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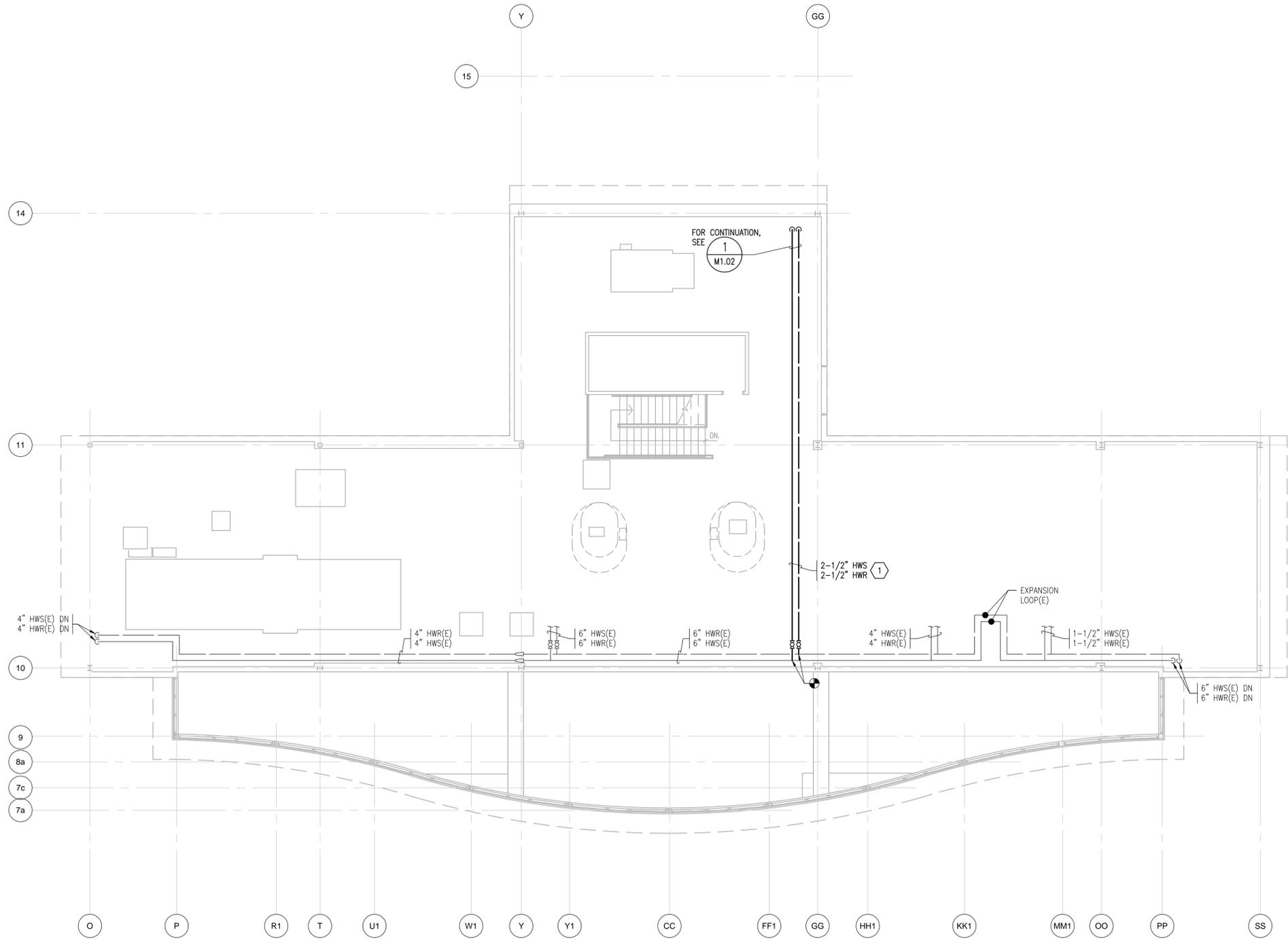
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Sheet Contents  
ENLARGED PLAN - MECHANICAL ROOM

Sheet No.  
**M4.01**



**GENERAL NOTES**

- COORDINATE DEMOLITION WITH NEW WORK.
- FIELD VERIFY EXISTING CONDITIONS.

**SHEET NOTES**

- 2-1/2" HWS/HWR PIPING TO SERVE LTC EXPANSION.

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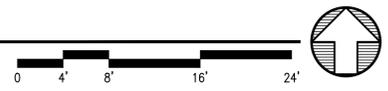
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Sheet Contents  
 ENLARGED PLAN - PENTHOUSE

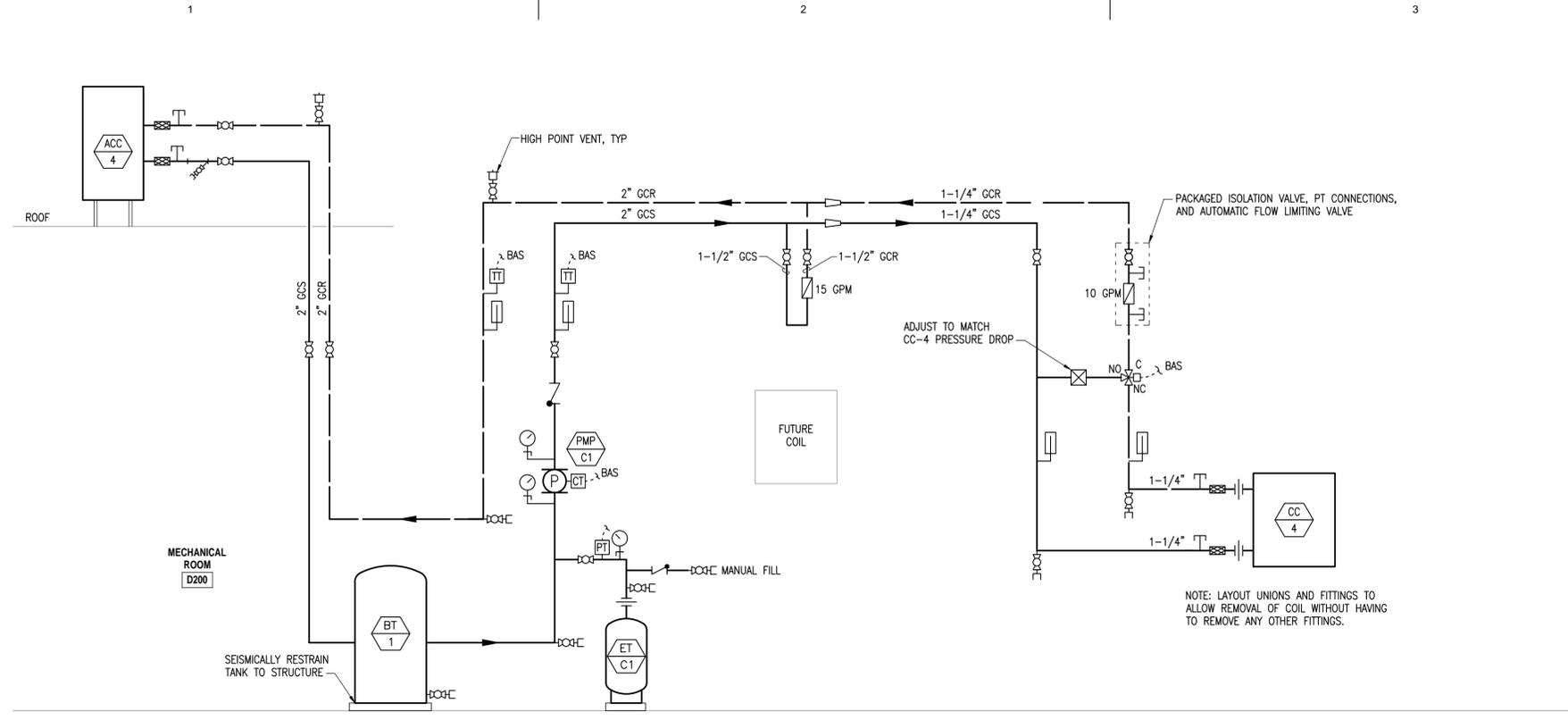
Sheet No.  
**M4.02**

**1 ENLARGED PLAN - PENTHOUSE**  
 M4.02 SCALE: 1/8" = 1'

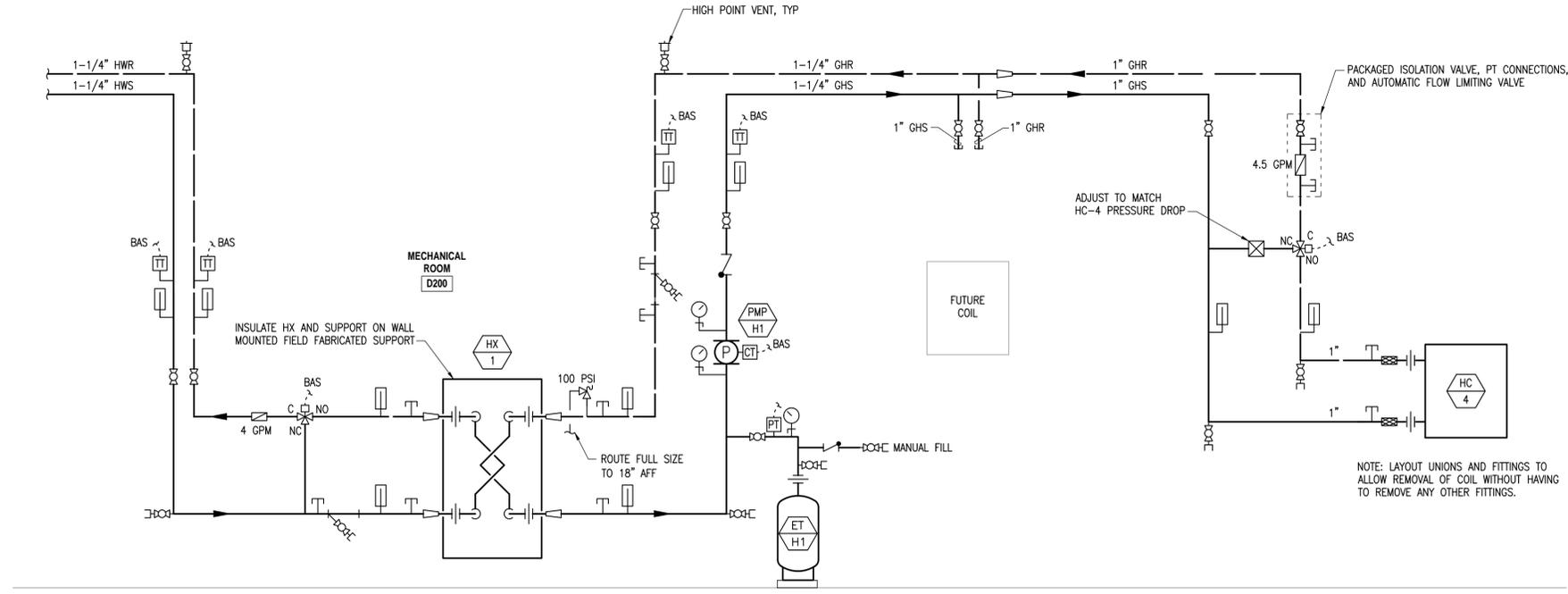


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**1 DIAGRAM - CHILLED WATER SYSTEM**  
 M5.01 SCALE: NONE



**2 DIAGRAM - GLYCOL HEATING SYSTEM**  
 M5.01 SCALE: NONE

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Sheet Contents  
 DIAGRAMS - HEATING AND COOLING

Sheet No.  
**M5.01**

**GENERAL NOTES**

- COMPLY WITH NATIONAL ELECTRICAL CODE 2017 EDITION, PVMC CONSTRUCTION STANDARDS AND CITY OF VALDEZ REQUIREMENTS.
- THE LOCATIONS OF ELECTRICAL DEVICES OR LIGHTING FIXTURES INDICATED ON ARCHITECTURAL PLANS ELEVATIONS OR SECTIONS TAKE PRECEDENCE OVER LOCATIONS INDICATED ON THE ELECTRICAL DRAWINGS.
- REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LIGHTING FIXTURE LOCATIONS.
- FOR LIGHTING CONTROLS WHICH INCLUDE DAYLIGHT OR OCCUPANT SENSING AUTOMATIC CONTROLS, AUTOMATIC SHUT-OFF CONTROLS, OCCUPANCY SENSORS OR AUTOMATIC TIME SWITCHES THE LIGHTING CONTROLS SHALL BE TESTED TO ENSURE THAT CONTROL DEVICES, COMPONENTS, EQUIPMENT AND SYSTEMS ARE CALIBRATED, ADJUSTED AND OPERATE IN ACCORDANCE WITH PROJECT PLANS AND SPECIFICATIONS. SEQUENCE OF OPERATION SHALL ALSO BE FUNCTIONALLY TESTED TO ENSURE IT IS OPERATING IN ACCORDANCE WITH PROJECT PLANS AND SPECIFICATIONS. A COMPLETE REPORT OF TEST PROCEDURES AND RESULTS SHALL BE PREPARED AND FILED WITH THE OWNER.

**TYPICAL MOUNTING HEIGHTS**

SPECIAL OUTLET HEIGHTS ARE SHOWN ON THE ELECTRICAL DRAWINGS OR ON THE ARCHITECTURAL DRAWINGS. IF SPECIAL OUTLET HEIGHTS ARE NOT SHOWN OR REQUIRED, THEN LOCATE OUTLETS AS NOTED BELOW. OUTLET HEIGHTS ARE MEASURED FROM THE FINISHED FLOOR TO THE CENTERLINE OF THE OUTLET UNLESS OTHERWISE NOTED.

RECEPTACLES	18 INCHES (460mm) VERTICALLY MOUNTED
LIGHT SWITCHES	48 INCHES (1200mm) VERTICALLY MOUNTED
CLOCK OUTLET	80 INCHES (2030mm)
PANELBOARDS	72 INCHES (1830mm) TO TOP OF PANELBOARD
TELEPHONE OUTLET - DESK	18 INCHES (460mm) VERTICALLY MOUNTED
TELEPHONE OUTLET - WALL	54 INCHES (1370mm) VERTICALLY MOUNTED
COMPUTER OUTLET - DESK	18 INCHES (460mm) VERTICALLY MOUNTED
FIRE ALARM PULL STATION	48 INCHES (1200mm)
FIRE ALARM AUDIBLE NOTIFICATION DEVICE	TOP EDGE NOT LESS THAN 90 INCHES (2300mm) AFF AND NOT LESS THAN 6 INCHES (150mm) BELOW CEILING. 6 INCHES (150mm) BELOW CEILING SHALL TAKE PRECEDENCE WHERE CEILING HEIGHT DOES NOT ALLOW BOTH DIMENSIONS
FIRE ALARM VISUAL AND COMBINATION AUDIBLE/VISUAL NOTIFICATION DEVICE	BOTTOM EDGE SHALL BE AT 80 INCHES (2030mm) AFF OR 6 INCHES (150mm) BELOW CEILING HEIGHT, WHICHEVER IS LOWER
FIRE ALARM CONTROL PANEL	72 INCHES (1830mm)

**ELECTRICAL DRAWING INDEX**

E0.01	ELECTRICAL LEGEND AND ABBREVIATIONS
E0.02	LIGHTING FIXTURE AND PANEL SCHEDULES
E0.03	PANEL SCHEDULES
E0.04	PANEL SCHEDULES & DETAIL
E0.05	ELECTRICAL SPECIFICATIONS
E1.01	SITE PLAN - ELECTRICAL - DEMOLITION & REVISED
E1.10	OVERALL PLAN - LEVEL 1
E1.11	OVERALL PLAN - PENTHOUSE - ELECTRICAL
E2.01	FLOOR PLAN - ELECTRICAL - DEMOLITION
E3.01	FLOOR PLAN - LIGHTING
E3.02	FLOOR PLAN - POWER
E3.03	FLOOR PLAN - SPECIAL SYSTEMS
E4.01	ENLARGED PLAN - MECH-ELEC ROOM
E5.01	DIAGRAM - TELECOM & NURSE CALL ONE-LINES
E5.02	DIAGRAM - POWER ONE-LINE

**ELECTRICAL ABBREVIATIONS**

ACS	ACCESS CONTROL SYSTEM	MM	MULTIMODE FIBER OPTIC CABLE
AFF	ABOVE FINISHED FLOOR	MTR	MAIN TELECOM ROOM
AFG	ABOVE FINISHED GRADE	NEC	NATIONAL ELECTRICAL CODE
AL	ALUMINUM	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
APPROX	APPROXIMATE	NIC	NOT IN CONTRACT
AHJ	AUTHORITY HAVING JURISDICTION	NL	NIGHT LIGHT
BAS	BUILDING AUTOMATION SYSTEM	NC	NORMALLY CLOSED
CKT	CIRCUIT	NO	NORMALLY OPEN
CCTV	CLOSED CIRCUIT TELEVISION	N/A	NOT APPLICABLE
CMH	COMMUNICATIONS MANHOLE	NIC	NOT IN CONTRACT
C	CONDUIT	NTS	NOT TO SCALE
C.O.	CONDUIT ONLY	OFI	OPTICAL FIBER CABLE
CU	COPPER	OFI	OWNER FURNISHED, CONTRACTOR INSTALLED
D	DEMOLISH	OFI	OWNER FURNISHED, OWNER INSTALLED
DB	DECIBEL	PA	PUBLIC ADDRESS
EL	EMERGENCY LIGHT	PACS	PAGING ANNOUNCEMENT CONTROL SYSTEM
ELU	EMERGENCY LIGHTING UNIT	PH	PHASE (ELECTRICAL)
ENL	EMERGENCY NIGHT LIGHT	PLC	PROGRAMMABLE LOGIC CONTROLLER
(E)	EXISTING	PMCS	POWER MONITORING CONTROL SYSTEM
(F)	FUTURE	PVMC	PROVIDENCE VALDEZ MEDICAL CENTER
FAA	FIRE ALARM ANNUNCIATOR	SM	SINGLEMODE FIBER OPTIC CABLE
FACP	FIRE ALARM CONTROL PANEL	SMR	SURFACE MOUNTED RACEWAY
FO	FIBER OPTIC	SPD	SURGE PROTECTIVE DEVICE
FOPP	FIBER OPTIC PATCH PANEL	TELECOM	TELECOMMUNICATION
FSD	FIRE/SMOKE DAMPER	TR	TELECOMMUNICATION ROOM
FZ	FREQUENCY	TYP	TYPICAL
HP	HORSEPOWER	UNLESS OTHERWISE NOTED	UNLESS OTHERWISE NOTED
IAW	IN ACCORDANCE WITH	VR	VANDAL RESISTANT
K	KELVIN	VSD	VARIABLE SPEED DRIVE
KVA	KILO VOLT-AMPS	VAC	VOLTS (ALTERNATING CURRENT)
KW	KILOWATT	VDC	VOLTS (DIRECT CURRENT)
MCC	MOTOR CONTROL CENTER	V	VOLTS OR VOLTAGE
MCP	MOTOR CONTROL PANEL	W	WATT
MDS	MAIN DISTRIBUTION SWITCHBOARD	WP	WEATHERPROOF
MIN	MINIMUM	WG	WIRE GUARD

**GENERAL**

SYMBOL DESCRIPTION

SHEET NOTE CONVENTION:  
 REFERENCED SHEET NOTE  
 GENERAL SHEET NOTE

FEEDER IDENTIFICATION TAG  
 FEEDER NUMBER

DETAIL REFERENCE  
 DETAIL NUMBER  
 SHEET WHERE DETAIL APPEARS

SECTION REFERENCE  
 SECTION NUMBER  
 SHEET WHERE SECTION APPEARS

REVISION SYMBOL

**LINE WORK CONVENTION:**

NEW OR REINSTALLED ITEM

ITEM TO BE DEMOLISHED

EXISTING ITEM TO REMAIN

FUTURE ITEM

EXISTING ITEM TO BE RELOCATED

**CONDUIT/FEEDER LINE CONVENTION:**

CONCEALED

UNDERGROUND OR CONCEALED IN FLOOR

EXPOSED

FLEXIBLE CONDUIT

**LIGHT SWITCH CIRCUIT IDENTIFICATION**

LOWER CASE LETTER(S) INDICATES SWITCH LEG

**CIRCUITING CONVENTION**

CIRCUIT NUMBER(S) PANEL

**BRANCH CIRCUIT HOMERUN TO PANELBOARD**

NUMBER OF MARKS INDICATE NUMBER OF CONDUCTORS IN RACEWAY, NOT COUNTING GROUNDING CONDUCTORS. (ABSENCE OF MARKS INDICATE TWO CONDUCTORS, PLUS ANY REQUIRED GROUNDS)

NUMBER OF ARROWS INDICATE NUMBER OF CIRCUITS

UNSWITCHED CONDUCTORS SHOWN ON HOMERUN SIDE OF NEUTRAL

NEUTRAL

SWITCHED CONDUCTORS SHOWN ON LOAD SIDE OF NEUTRAL

**LIGHTING**

SYMBOL DESCRIPTION

LIGHTING FIXTURE

LIGHTING FIXTURE - WALL MOUNTED

LIGHTING FIXTURE - SURFACE OR PENDANT MOUNTED

LIGHTING FIXTURE - RECESS MOUNTED

LIGHTING FIXTURE CONNECTED TO EMERGENCY POWER CIRCUIT

LIGHTING FIXTURE CONNECTED TO EMERGENCY POWER CIRCUIT, NIGHT LIGHT

LIGHTING FIXTURE(S) - TRACK MOUNTED

EXIT FIXTURE - WALL MOUNTED SHADED AREA(S) DENOTE FACE(S) OF SIGN, ARROWS AS NOTED (FIXTURE TYPE EX)

EXIT FIXTURE - CEILING MOUNTED SHADED AREA(S) DENOTE FACE(S) OF SIGN, ARROWS AS NOTED (FIXTURE TYPE EX)

EMERGENCY LIGHTING UNIT - WALL MOUNTED (FIXTURE TYPE 'XA')

EMERGENCY LIGHTING UNIT - CEILING MOUNTED (FIXTURE TYPE 'XA')

SITE LIGHTING - POLE MOUNTED

SINGLE POLE SWITCH

THREE-WAY SWITCH

FOUR-WAY SWITCH

SWITCH FOR FIXTURES MARKED 'a',

DIMMER SWITCH

KEYED SWITCH

MOMENTARY SWITCH

OCCUPANCY SENSOR/SWITCH

PILOT LIGHTED SWITCH

PHOTOCELL

DAYLIGHT SENSOR

OCCUPANCY SENSOR - WALL MOUNTED

OCCUPANCY SENSOR - CEILING MOUNTED

LOW VOLTAGE SWITCH(ES) FOR FIXTURES MARKED 'a', 'b', 'c' AS NOTED

KEYED LOW VOLTAGE SWITCH(ES) FOR FIXTURES MARKED 'a', 'b', 'c', ETC

**POWER**

SYMBOL DESCRIPTION

**RECEPTACLE MOUNTING:**

RECEPTACLE - WALL MOUNTED (SEE "RECEPTACLE TYPES" BELOW)

RECEPTACLE - FLOOR MOUNTED (SEE "RECEPTACLE TYPES" BELOW)

RECEPTACLE - CEILING MOUNTED (SEE "RECEPTACLE TYPES" BELOW)

RECEPTACLE - CEILING MOUNTED DROP CORD (SEE "RECEPTACLE TYPES" BELOW)

**RECEPTACLE TYPES:**

DUPLEX RECEPTACLE

GROUND FAULT INTERRUPTER, DUPLEX RECEPTACLE

DUPLEX RECEPTACLE, SPLIT WIRED, TOP SWITCHED

DOUBLE DUPLEX RECEPTACLE

GROUND FAULT INTERRUPTER, DOUBLE DUPLEX RECEPTACLE

RANGE RECEPTACLE - 50 AMP/250 VOLT

EMERGENCY POWER DUPLEX RECEPTACLE

EMERGENCY POWER GROUND FAULT INTERRUPTER, DUPLEX RECEPTACLE

EMERGENCY POWER DUPLEX RECEPTACLE, SPLIT WIRED, TOP SWITCHED

EMERGENCY POWER DOUBLE DUPLEX RECEPTACLE

EMERGENCY POWER GROUND FAULT INTERRUPTER, DOUBLE DUPLEX RECEPTACLE

**ELECTRICAL DEVICES/EQUIPMENT:**

SPECIAL PURPOSE RECEPTACLE, 3 PHASE NEMA TYPE AS NOTED

SPECIAL PURPOSE RECEPTACLE, 1 PHASE NEMA TYPE AS NOTED

EQUIPMENT CONNECTION

POWER POLE

MOTOR

SWITCH - THERMAL TRIP WITH HEATER

SURFACE MOUNTED RACEWAY

FUSED DISCONNECT

NON-FUSED DISCONNECT

STARTER OR CONTACTOR

ENCLOSED CIRCUIT BREAKER

JUNCTION BOX AND/OR CONNECTION TO EQUIPMENT

VARIABLE SPEED DRIVE

PANEL - SURFACE MOUNTED

PANEL - FLUSH MOUNTED

ELECTRICAL EQUIPMENT

ELECTRICAL EQUIPMENT

TRANSFORMER

**SPECIAL SYSTEMS**

SYMBOL DESCRIPTION

**FIRE ALARM:**

MULTI-CANDELA HORN/STROBE - WALL MOUNTED 15 CANDELA UNLESS OTHERWISE NOTED.

MULTI-CANDELA CHIME/STROBE - WALL MOUNTED

MULTI-CANDELA CHIME/STROBE - CEILING MOUNTED

MULTI-CANDELA STROBE - WALL MOUNTED 15 CANDELA UNLESS OTHERWISE NOTED.

MULTI-CANDELA STROBE - CEILING MOUNTED 15 CANDELA UNLESS OTHERWISE NOTED.

MULTI-CANDELA SPEAKER/STROBE 15 CANDELA UNLESS OTHERWISE NOTED.

ELECTRONIC HORN

AUDIBLE NOTIFICATION APPLIANCE

SPRINKLER BELL (120VAC) "10 INCH" "RED" WEATHER PROOF BACK BOX

SSD SMOKE DETECTOR "PHOTO"

SSD STANDARD DETECTOR BASE

PHOTOELECTRIC SMOKE DETECTOR W/ CARBON MONOXIDE SENSOR BASE

SSD HEAT DETECTOR "135" R.R.

SSD STANDARD DETECTOR BASE

SSD HEAT DETECTOR, FIXED "194"

STANDARD DETECTOR BASE

ADDRESSABLE 2-WIRE DUCT SENSOR

REMOTE TEST STATION/KEY SWITCH

MANUAL PULL STATION - SINGLE ACTION

FIRE ALARM REMOTE ANNUNCIATOR PANEL

CONTROL RELAY IAM MODULE

SINGLE INPUT MODULE

DUAL INPUT MODULE

COMBINATION WATERFLOW/TAMPER MODULE

FIRE ALARM GRAPHIC MAP

DOOR HOLDER, 24/12 SEMI-FLUSH

FIRE ALARM CONTROL PANEL (4100U)

REMOTE BOOSTER POWER SUPPLY PANEL

INDIVIDUAL MODULE

SUPERVISED INDIVIDUAL ADDRESSABLE MODULE

INDIVIDUAL ADDRESSABLE MODULE RELAY

BATTERY CABINET

SOLENOID

FIRE SMOKE DAMPER

FLOW SWITCH

FLOW SWITCH

TAMPER SWITCH

TAMPER SWITCH

PRESSURE SWITCH

PRESSURE SWITCH

END OF LINE DEVICE

**AUDIO VISUAL:**

SPEAKER - CEILING OR PENDANT MOUNTED

SPEAKER - WALL MOUNTED

TELEVISION OUTLET

CLOCK - ANALOG

CLOCK - DIGITAL

ANALOG CLOCK/SPEAKER UNIT

DIGITAL CLOCK/SPEAKER UNIT

AUDIO/VISUAL HEADEND EQUIPMENT

**SPECIAL SYSTEMS**

SYMBOL DESCRIPTION

**SECURITY:**

SECURITY - DOOR CONTACT

SECURITY - DOOR DEVICE (ELECTRONIC LOCK)

SECURITY - DOOR DEVICE (ELECTRONIC STRIKE)

SECURITY - DOOR DEVICE (MAGNETIC DOOR LOCK)

REQUEST TO EXIT SENSOR

DELAYED EGRESS

SECURITY - KEYPAD

SECURITY - CARD READER

SECURITY - CAMERA (PAN/TILT/ZOOM)

SECURITY - CAMERA (FIXED)

SECURITY - HEADEND

**NURSE CALL:**

DOME LIGHT - CEILING MOUNTED, WALL MOUNTED

ZONE LIGHT - CEILING MOUNTED, WALL MOUNTED

NURSE DUTY STATION

AUXILIARY INPUT JACKS

EMERGENCY PULL CORD STATION

PROGRAMMABLE BUTTON STATION

PATIENT STATION - WALL STATION

PATIENT STATION - DOUBLE BED STATION

BED STATION WITH CALL CORD IN LIEU OF PILLOW SPEAKER

PATIENT STATION - BED STATION

CODE STATION - CODE BLUE

CODE STATION - CODE WHITE

CODE STATION - CODE PINK

CODE STATION - CODE PURPLE

CODE STATION - CODE PINK/PURPLE

CODE STATION - CODE BLUE/WHITE

MASTER STATION

NURSE CALL HEADEND

**TELECOM AND SOUND:**

TELECOMMUNICATION OUTLET - WALL MOUNTED, X DENOTES NUMBER OF PORTS IF OTHER THAN ONE.

TELECOMMUNICATION OUTLET - FLOOR MOUNTED DENOTES NUMBER OF PORTS IF OTHER THAN ONE.

TELECOMMUNICATION OUTLET - CEILING MOUNTED DENOTES NUMBER OF PORTS IF OTHER THAN ONE.

TELEPHONE OUTLET, SINGLE JACK - WALL MOUNTED

INTERCOM SPEAKER - CEILING MOUNTED

INTERCOM - SOUND SYSTEM HEADEND

PUBLIC ADDRESS SPEAKER - CEILING MOUNTED, WALL MOUNTED

MICROPHONE JACK - FLOOR MOUNTED, WALL MOUNTED

VOLUME CONTROL - WALL MOUNTED

PUBLIC ADDRESS - SOUND SYSTEM HEADEND

WANDER MANAGEMENT TRANSCEIVER - CEILING MOUNT

WANDER MANAGEMENT KEYPAD

**REVISIONS**

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ELECTRICAL LEGEND AND ABBREVIATIONS

Sheet No.  
**E0.01**

### EHCC(E) EXISTING PANEL

**LOCATION:** CORRIDOR C117  
**FED FROM:** CRITICAL BRANCH ATS-CRIT  
**MOUNTING:** FLUSH

**VOLTS:** 480/277 Wye  
**PHASES:** 3  
**WIRES:** 4

**A.I.C. RATING:** 18,000  
**MAINS TYPE:** LUGS  
**RATING:** 225A

CKT#	CIRCUIT DESCRIPTION	AMP	POLE	VA-PHASE A	VA-PHASE B	VA-PHASE C	POLE	AMP	CIRCUIT DESCRIPTION	CKT#
1	SPARE	20	1				1	20	LTG - AREA C	2
3	LTG - AREA C	20	1				1	20	LTG - AREA C	4
5	LTG - AREA C	20	1				1	20	SPARE	6
7	SPARE	20	1				3	100	PANEL EHCB - B112	8
9	SPARE	20	1				---	---		10
11	SPARE	20	1				---	---		12
13	PANEL ETCC - C120	100	3				1	20	EHIS - B119	14
15		---	---				1	20	SPACE	16
17		---	---				---	---		18
19	SPARE	60	3				1	20	LTG - AREA C	20
21		---	---				1	20	LTG - AREA C	22
23		---	---				1	20	LTG - AREA C	24
25	SPARE	30	3				1	20	LTG - AREA C	26
27		---	---				3	100	PANEL EHCD - LTC EXPANSION	28
29		---	---				---	---		30
31	SPACE	20	1				---	---		32
33	SPACE	20	1				1	20	SPARE	34
35	SPACE	20	1				1	20	SPARE	36
37	SPACE	20	1				1	20	SPARE	38
39	SPACE	20	1				1	20	SPARE	40
41	SPACE	20	1				1	20	SPARE	42

PANEL	LOAD AMPS	PHASE A	PHASE B	PHASE C
		0.0 kVA 0 A	0.0 kVA 0 A	0.0 kVA 0 A
<b>PANEL + SUBPANEL</b>	<b>TOTAL LOAD</b>	0.0 kVA 0 A	0.0 kVA 0 A	0.0 kVA 0 A
	<b>TOTAL AMPS</b>	0 A	0 A	0 A

LOAD TYPE	CONNECTED LOAD	DEMAND FACTOR	TOTAL LOAD WITH NEC FACTORS	PANEL TOTALS	
				TOTAL CONNECTED LOAD:	TOTAL NEC LOAD:
CONTINUOUS	0 VA	125%	0	0.0 kVA	0.0 kVA
LIGHTING	0 VA	100%	0	0.0 kVA	0.0 kVA
MOTOR	0 VA	0%	0	0.0 A	0.0 A
NON-CONTINUOUS	0 VA	100%	0	0.0 A	0.0 A
RECEPTACLE	0 VA	0%	0	0.0 A	0.0 A
LOAD TYPE	0 VA	55%	0		

**NOTES:**

### EDPQ2(E) EXISTING PANEL

**LOCATION:** PENTHOUSE  
**FED FROM:** EDPQ1  
**MOUNTING:** SURFACE

**VOLTS:** 480/277 Wye  
**PHASES:** 3  
**WIRES:** 4

**A.I.C. RATING:** --  
**MAINS TYPE:** LUGS  
**RATING:** 600A

CKT#	CIRCUIT DESCRIPTION	AMP	POLE	VA-PHASE A	VA-PHASE B	VA-PHASE C	POLE	AMP	CIRCUIT DESCRIPTION	CKT#
1		20	1				1	20		2
3		20	1				1	20		4
5		20	1				1	20		6
7	PANEL EHQ2	100	3				3	60	PANEL H2	8
9		---	---				---	---		10
11		---	---				---	---		12
13	CT-SCAN B134-1	200	3				3	200	RADIOGRAPHY B131-3	14
15		---	---				---	---		16
17		---	---				---	---		18
19	MVD VACUUM PUMP	30	3				3	100	PANEL SF-2	20
21		---	---				---	---		22
23		---	---				---	---		24
25	PANEL RF-2	30	3				3	30	PANEL HRU-2	26
27		---	---				---	---		28
29		---	---				---	---		30
31	PANEL SF-3	30	3				3	60	PANEL H-2	32
33		---	---				---	---		34
35		---	---				---	---		36
37	PANEL H-3	30	3				3	100	PANEL EHQ3	38
39		---	---				---	---		40
41		---	---				---	---		42

PANEL	LOAD AMPS	PHASE A	PHASE B	PHASE C
		0.0 kVA 0 A	0.0 kVA 0 A	0.0 kVA 0 A
<b>PANEL + SUBPANEL</b>	<b>TOTAL LOAD</b>	0.0 kVA 0 A	0.0 kVA 0 A	0.0 kVA 0 A
	<b>TOTAL AMPS</b>	0 A	0 A	0 A

LOAD TYPE	CONNECTED LOAD	DEMAND FACTOR	TOTAL LOAD WITH NEC FACTORS	PANEL TOTALS	
				TOTAL CONNECTED LOAD:	TOTAL NEC LOAD:
CONTINUOUS	0 VA	125%	0	0.0 kVA	0.0 kVA
LIGHTING	0 VA	100%	0	0.0 kVA	0.0 kVA
MOTOR	0 VA	0%	0	0.0 A	0.0 A
NON-CONTINUOUS	0 VA	100%	0	0.0 A	0.0 A
RECEPTACLE	0 VA	0%	0	0.0 A	0.0 A

**NOTES:**

### LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	COLOR TEMP	LUMENS	POWER (W)	MOUNTING
A1	LITHONIA 2BLT2-40L-ADSM-MVOLT-EZ1-LP835 2'X2', LED VOLUMETRIC TROFFER, ACRYLIC DIFFUSER, MATTE WHITE FINISH CURVED SMOOTH DIFFUSER, MULTIVOLT DRIVER	3500K	4000	32	RECESSED CEILING
A2	LITHONIA 2BLT2-40L-ADSM-MVOLT-EZ1-LP835 DGA22 SAME AS TYPE A1, EXCEPT WITH DRYWALL GRID ADAPTER ACCESSORY DGA22.	3500K	4000	32	RECESSED CEILING
B1	LITHONIA 2BLT4-48L-ADSM-MVOLT-EZ1-LP835 2'X4', LED VOLUMETRIC TROFFER, ACRYLIC DIFFUSER, MATTE WHITE FINISH CURVED SMOOTH DIFFUSER, MULTIVOLT DRIVER	3500K	5000	40	RECESSED CEILING
B2	LITHONIA 2BLT4-48L-ADSM-MVOLT-EZ1-LP835 DGA24 SAME AS TYPE B1, EXCEPT WITH DRYWALL GRID ADAPTER ACCESSORY DGA24.	3500K	5000	40	RECESSED CEILING
C1	LITHONIA LDN4-35/1500-L04/AR-LSS-MVOLT-GZ10-TRW 4" ROUND DOWNLIGHT, SEMI-SPECULAR FINISH, MULTIVOLT DRIVER	3500K	1500	18	RECESSED CEILING
C2	LITHONIA LDN4-35/700-L04/AR-LSS-MVOLT-GZ10-TRW SAME AS C1, EXCEPT 700 LUMENS	3500K	700	9	RECESSED CEILING
D	KENALL MAUCLED-I-MW-20L35K-48-277 4" UNDERCABINET, MATTE WHITE ANTIMICROBIAL FINISH	3500K	2000	22	SURFACE UNDER CABINET
D2	KENALL MAUCLED-I-MW-11L35K-24-277 SAME AS D, EXCEPT 2' LENGTH	3500K	1300	15	SURFACE UNDER CABINET
F	LITHONIA LDN10RV-35/40-LR10/AR-LS-MVOLT-GZ10-TRW 10" ROUND LED RETROFIT DOWNLIGHT, SPECULAR FINISH, WHITE PAINTED FLANGE, MULTIVOLT DRIVER	3500K	4000	45	RECESSED CEILING
G	LITHONIA ZL1N-L48-5000LM-FST-MVOLT-40K-80CRI-WH 4" LINEAR LED STRIPLIGHT, FROSTED DIFFUSER, MULTIVOLT DRIVER	4000K	4600	34	SURFACE CEILING OR PENDANT TO 9'-0" AFF
G2	LITHONIA ZL1N-L24-2500LM-FST-MVOLT-40K-80CRI-WH 2" LINEAR LED STRIPLIGHT, FROSTED DIFFUSER, MULTIVOLT DRIVER	4000K	2300	19	SURFACE CEILING OR PENDANT TO 9'-0" AFF
SA	LUMINAIRE LED ARV13-XRV-NODIM-25-35K-MVOLT-CLP-GRAY 13" CIRCULAR DOME, CLEAR PRISMATIC POLYCARBONATE LENS, VANDAL RESISTANT, WET LOCATION LISTING, GRAY FINISH, MULTIVOLT DRIVER	3500K	3250	28	SURFACE BUILDING EXTERIOR. ELEVATION AS NOTED ON DRAWINGS
SA2	LUMINAIRE LED ARV13-XRV-NODIM-25-35K-MVOLT-OP-GRAY SAME AS SA, EXCEPT OPAL LENS.	3500K	2350	28	SURFACE UNDER CANOPY
EX	LITHONIA LQM-S-W-X-G-120/277 EXIT SIGN, STENCIL FACE TYPE, 1 OR 2 FACES AS SHOWN ON DRAWINGS, GREEN LETTER COLOR, ARROWS AS SHOWN ON DRAWINGS	N/A	N/A	7	WALL OVER DOOR OR CEILING AS NOTED

### LIGHTING FIXTURE SCHEDULE NOTES

- REFER TO SPECIFICATION SECTIONS 26 50 00 FOR ADDITIONAL REQUIREMENTS REGARDING LIGHT FIXTURES, LED LAMPS AND DRIVERS.
- PROVIDE AN EMERGENCY CIRCUIT CONNECTION (CIRCUIT AS NOTED ON DRAWINGS) TO ALL EXIT SIGNS AND EMERGENCY LIGHTING FIXTURES. WIRING FOR FIXTURES CONNECTED TO EMERGENCY CIRCUITS SHALL BE KEPT ENTIRELY INDEPENDENT OF ALL OTHER WIRING AND EQUIPMENT IN ACCORDANCE WITH NEC ARTICLE 700.

### HDP(E) EXISTING PANEL

**LOCATION:** PENTHOUSE  
**FED FROM:** MSB  
**MOUNTING:** SURFACE

**VOLTS:** 480/277 Wye  
**PHASES:** 3  
**WIRES:** 4

**A.I.C. RATING:** 10,000  
**MAINS TYPE:** CIRCUIT BREAKER  
**RATING:** 400A

CKT#	CIRCUIT DESCRIPTION	AMP	POLE	VA-PHASE A	VA-PHASE B	VA-PHASE C	POLE	AMP	CIRCUIT DESCRIPTION	CKT#
1		20	1				1	20		2
3		20	1				1	20		4
5		20	1				1	20		6
7		20	1				1	20		8
9		20	1				1	20		10
11		20	1				1	20		12
13		20	1				1	20		14
15		20	1				1	20		16
17		20	1				1	20		18
19		20	1				1	20		20
21		20	1				1	20		22
23		20	1				1	20		24
25		20	1				3	100	PANEL HC	26
27		20	1				---	---		28
29		20	1				---	---		30
31	PANEL HB	150	3				3	100	PANEL LK VIA XFMR TK	32
33		---	---				---	---		34
35		---	---				---	---		36
37	PANEL HA	150	3	360			3	100	PANEL HD	38
39		---	---				---	---		40
41		---	---			180	---	---		42

PANEL	LOAD AMPS	PHASE A	PHASE B	PHASE C
		0.4 kVA 1 A	0.2 kVA 1 A	0.2 kVA 1 A
<b>PANEL + SUBPANEL</b>	<b>TOTAL LOAD</b>	0.4 kVA 1 A	0.2 kVA 1 A	0.2 kVA 1 A
	<b>TOTAL AMPS</b>	1 A	1 A	1 A

LOAD TYPE	CONNECTED LOAD	DEMAND FACTOR	TOTAL LOAD WITH NEC FACTORS	PANEL TOTALS	
				TOTAL CONNECTED LOAD:	TOTAL NEC LOAD:
CONTINUOUS	0 VA	125%	0	0.7 kVA	0.7 kVA
LIGHTING	0 VA	100%	0	0.9 A	0.9 A
MOTOR	0 VA	0%	0	0.9 A	0.9 A
NON-CONTINUOUS	0 VA	100%	0	0.9 A	0.9 A
RECEPTACLE	720 VA	100%	720		
LOAD TYPE	0 VA	55%	0		

**NOTES:**

AECC561

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23320

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Revisions		
No.	Description	Date

Drawn by DSD	Date 10/04/2024
Checked KAC	Job No. 23042.01

Sheet Contents  
LIGHTING FIXTURE AND PANEL  
SCHEDULES

Sheet No.  
**E0.02**

X:\23320 P\MCLTCDvgs\Edvng\Sheet Files\23320 - E0.03.dwg

Plot Date Time: 10/4/2024 11:54 AM

### EHQ3

LOCATION: LTC EXPANSION - MECH/ELEC RM      VOLTS: 480/277 Wye  
 FED FROM: EDP02      PHASES: 3      A.I.C. RATING: 10,000  
 MOUNTING: SURFACE      WIRES: 4      MAINS TYPE: LUGS  
 RATING: 100A

CKT#	CIRCUIT DESCRIPTION	AMP	POLE	VA-PHASE A	VA-PHASE B	VA-PHASE C	POLE	AMP	CIRCUIT DESCRIPTION	CKT#
1	AHU-4 (SF-4)	15	3	2106	2106		3	15	AHU-5 (SF-5) (FUTURE)	2
3	---	---	---		2106	2106	---	---	---	4
5	---	---	---		2106	2106	---	---	---	6
7	AHU-4 (RF-4)	15	3	942	942		3	15	AHU-5 (RF-5) (FUTURE)	8
9	---	---	---		942	942	---	---	---	10
11	---	---	---				---	---	---	12
13	CHILLER ACC-4 (MCA 24A)	30	3	6651			3	15	SPARE	14
15	---	---	---		6651		---	---	---	16
17	---	---	---			6651	---	---	---	18
19	SPARE	15	3				1	20	SPARE	20
21	---	---	---				1	20	SPARE	22
23	---	---	---				1	20	SPARE	24
25	SPACE	---	---				1	20	SPARE	26
27	SPACE	---	---				---	---	SPACE	28
29	SPACE	---	---				---	---	SPACE	30
31	SPACE	---	---				---	---	SPACE	32
33	SPACE	---	---				---	---	SPACE	34
35	SPACE	---	---				---	---	SPACE	36
37	SPACE	---	---	225			3	50	PANEL ELQ3 VIA XFMR TELQ3	38
39	SPACE	---	---		180		---	---	---	40
41	SPACE	---	---			1180	---	---	---	42

PANEL	LOAD AMPS	PHASE A	PHASE B	PHASE C
		13.0 kVA	12.9 kVA	13.9 kVA
		47 A	47 A	50 A

LOAD TYPE	CONNECTED LOAD	DEMAND FACTOR	TOTAL LOAD WITH NEC FACTORS	PANEL TOTALS
CONTINUOUS	0 VA	125%	0	
LIGHTING	0 VA	100%	0	
MOTOR	18290 VA	109%	19870	TOTAL CONNECTED LOAD: 39.8 kVA
NON-CONTINUOUS	0 VA	100%	0	TOTAL NEC LOAD: 35.6 kVA
RECEPTACLE	21538 VA	73%	15769	TOTAL CONNECTED AMPS: 47.9 A
LOAD TYPE	0 VA	55%	0	TOTAL NEC AMPS: 42.9 A

NOTES:

### HD

LOCATION: LTC EXPANSION - MECH/ELEC RM      VOLTS: 480/277 Wye  
 FED FROM: HDP(E)      PHASES: 3      A.I.C. RATING: 10,000  
 MOUNTING: SURFACE      WIRES: 4      MAINS TYPE: LUGS  
 RATING: 100A

CKT#	CIRCUIT DESCRIPTION	AMP	POLE	VA-PHASE A	VA-PHASE B	VA-PHASE C	POLE	AMP	CIRCUIT DESCRIPTION	CKT#
1	---	20	1				2	20	---	2
3	---	20	1				---	---	---	4
5	---	20	1				---	---	---	6
7	---	20	3				1	20	---	8
9	---	---	---				---	---	---	10
11	---	---	---				1	20	---	12
13	---	20	1				1	20	---	14
15	---	20	1				1	20	---	16
17	---	20	1				1	20	---	18
19	---	20	1				1	20	---	20
21	---	20	1				1	20	---	22
23	---	20	1				1	20	---	24
25	---	20	1				1	20	---	26
27	---	20	1				1	20	---	28
29	---	20	1				1	20	---	30
31	---	20	1				1	20	---	32
33	---	20	1				1	20	---	34
35	---	20	1				1	20	---	36
37	---	20	1	360			3	50	PANEL LD VIA XFMR TLD	38
39	---	20	1		180		---	---	---	40
41	---	20	1			180	---	---	---	42

PANEL	LOAD AMPS	PHASE A	PHASE B	PHASE C
		0.4 kVA	0.2 kVA	0.2 kVA
		1 A	1 A	1 A

LOAD TYPE	CONNECTED LOAD	DEMAND FACTOR	TOTAL LOAD WITH NEC FACTORS	PANEL TOTALS
CONTINUOUS	0 VA	125%	0	
LIGHTING	0 VA	100%	0	
MOTOR	0 VA	0%	0	TOTAL CONNECTED LOAD: 0.7 kVA
NON-CONTINUOUS	0 VA	100%	0	TOTAL NEC LOAD: 0.7 kVA
RECEPTACLE	720 VA	100%	720	TOTAL CONNECTED AMPS: 0.9 A
LOAD TYPE	0 VA	55%	0	TOTAL NEC AMPS: 0.9 A

NOTES:

### ELQ3

LOCATION: LTC EXPANSION - MECH/ELEC RM      VOLTS: 208/120 Wye  
 FED FROM: EHQ3      PHASES: 3      A.I.C. RATING: 10,000  
 MOUNTING: SURFACE      WIRES: 4      MAINS TYPE: LUGS  
 RATING: 100A

CKT#	CIRCUIT DESCRIPTION	AMP	POLE	VA-PHASE A	VA-PHASE B	VA-PHASE C	POLE	AMP	CIRCUIT DESCRIPTION	CKT#
1	SUMP PUMP SYSTEM SP-1 (3/10HP)	20	1	225			2	20	PUMP PMP-C1 (1-1/2HP)	2
3	PUMP PMP-H1 (1/8HP)	20	1		180		---	---	---	4
5	UNIT HEATER UH-1 (1/8HP)	20	1			180	1	20	---	6
7	SUPPLY FAN SF-1	20	1				1	20	---	8
9	---	20	1				1	20	---	10
11	---	20	1				1	20	---	12
13	---	20	1				1	20	---	14
15	---	20	1				1	20	---	16
17	---	20	1			1000	1	20	T.B.D	18
19	---	20	1				1	20	---	20
21	---	20	1				1	20	---	22
23	---	20	1				1	20	---	24
25	---	20	1				1	20	---	26
27	---	20	1				1	20	---	28
29	---	20	1				1	20	---	30
31	---	20	1				1	20	---	32
33	---	20	1				1	20	---	34
35	---	20	1				1	20	---	36
37	---	20	1				1	20	---	38
39	---	20	1				1	20	---	40
41	---	20	1				1	20	---	42

PANEL	LOAD AMPS	PHASE A	PHASE B	PHASE C
		0.2 kVA	0.2 kVA	1.2 kVA
		2 A	2 A	10 A

PANEL + SUBPANEL	TOTAL LOAD	PHASE A	PHASE B	PHASE C	SUBPANEL
		0.2 kVA	0.2 kVA	1.2 kVA	NONE
		2 A	2 A	10 A	

LOAD TYPE	CONNECTED LOAD	DEMAND FACTOR	TOTAL LOAD WITH NEC FACTORS	PANEL TOTALS
CONTINUOUS	0 VA	125%	0	
LIGHTING	0 VA	100%	0	
MOTOR	0 VA	0%	0	TOTAL CONNECTED LOAD: 1.6 kVA
NON-CONTINUOUS	0 VA	100%	0	TOTAL NEC LOAD: 1.6 kVA
RECEPTACLE	1585 VA	100%	1585	TOTAL CONNECTED AMPS: 4.4 A
LOAD TYPE	0 VA	55%	0	TOTAL NEC AMPS: 4.4 A

NOTES:

### LD

LOCATION: LTC EXPANSION - MECH/ELEC RM      VOLTS: 208/120 Wye  
 FED FROM: HD      PHASES: 3      A.I.C. RATING: 10,000  
 MOUNTING: SURFACE      WIRES: 4      MAINS TYPE: LUGS  
 RATING: 100A

CKT#	CIRCUIT DESCRIPTION	AMP	POLE	VA-PHASE A	VA-PHASE B	VA-PHASE C	POLE	AMP	CIRCUIT DESCRIPTION	CKT#
1	RECEPT - LTC 11 HEADWALL	20	1	180			2	20	---	2
3	RECEPT - LTC 12 HEADWALL	20	1		180		---	---	---	4
5	RECEPT - LTC 13 HEADWALL	20	1			180	1	20	---	6
7	RECEPT - LTC 14 HEADWALL	20	1	180			1	20	---	8
9	---	20	1				1	20	---	10
11	---	20	1				1	20	---	12
13	---	20	1				1	20	---	14
15	---	20	1				1	20	---	16
17	---	20	1				1	20	---	18
19	---	20	1				1	20	---	20
21	---	20	1				1	20	---	22
23	---	20	1				1	20	---	24
25	---	20	1				1	20	---	26
27	---	20	1				1	20	---	28
29	---	20	1				1	20	---	30
31	---	20	1				1	20	---	32
33	---	20	1				1	20	---	34
35	---	20	1				1	20	---	36
37	---	20	1				1	20	---	38
39	---	20	1				1	20	---	40
41	---	20	1				1	20	---	42

PANEL	LOAD AMPS	PHASE A	PHASE B	PHASE C
		0.4 kVA	0.2 kVA	0.2 kVA
		3 A	2 A	2 A

PANEL + SUBPANEL	TOTAL LOAD	PHASE A	PHASE B	PHASE C	SUBPANEL
		0.4 kVA	0.2 kVA	0.2 kVA	NONE
		3 A	2 A	2 A	

LOAD TYPE	CONNECTED LOAD	DEMAND FACTOR	TOTAL LOAD WITH NEC FACTORS	PANEL TOTALS
CONTINUOUS	0 VA	125%	0	
LIGHTING	0 VA	100%	0	
MOTOR	0 VA	0%	0	TOTAL CONNECTED LOAD: 0.7 kVA
NON-CONTINUOUS	0 VA	100%	0	TOTAL NEC LOAD: 0.7 kVA
RECEPTACLE	720 VA	100%	720	TOTAL CONNECTED AMPS: 2.0 A
LOAD TYPE	0 VA	55%	0	TOTAL NEC AMPS: 2.0 A

NOTES:

AECC561

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Revisions		
No.	Description	Date

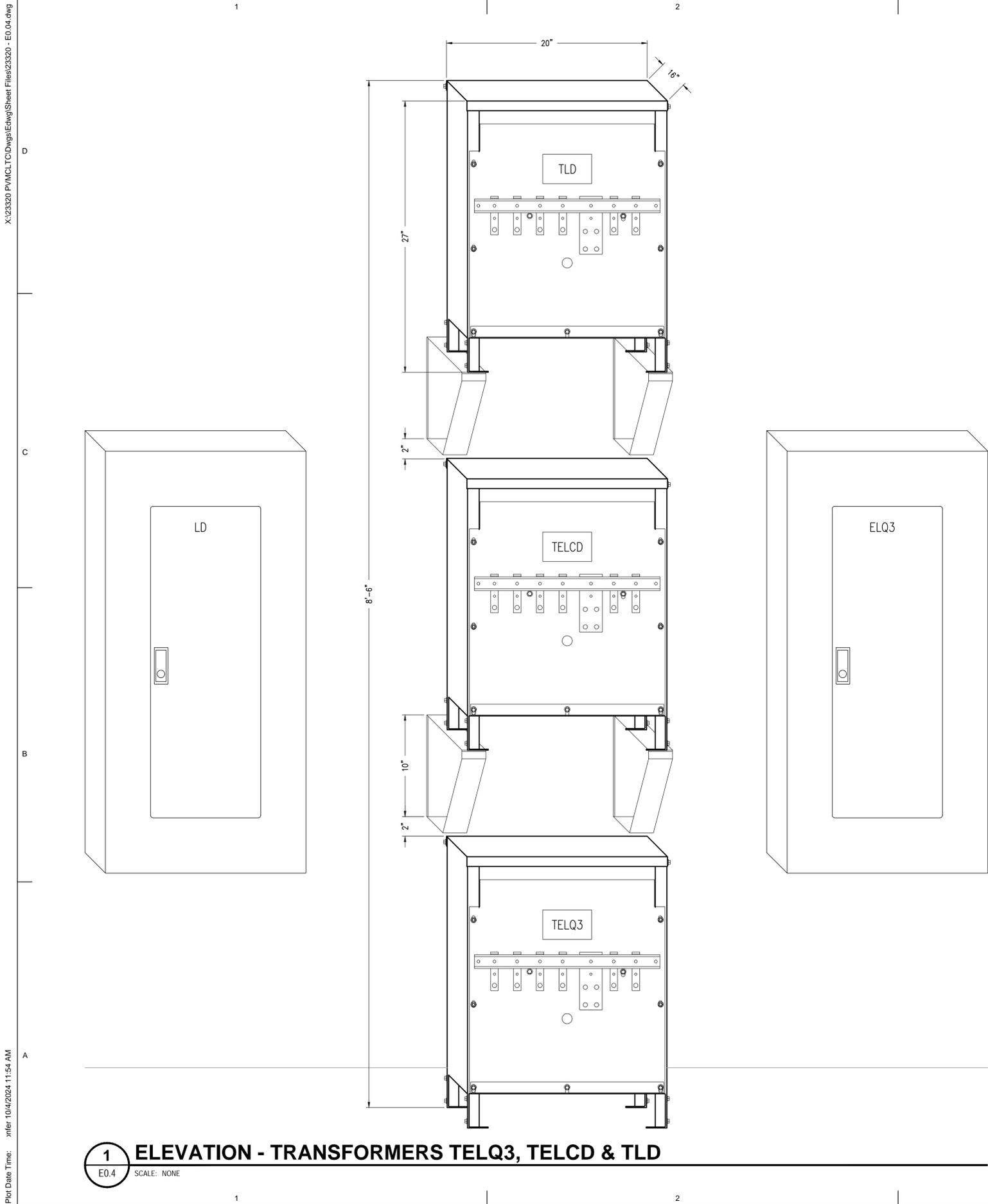
Drawn by DSD	Date 10/04/2024
Checked KAC	Job No. 23042.01

Sheet Contents PANEL SCHEDULES
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Sheet No.  
**E0.03**

X:\23320\_P\MLTCD\Drawings\Sheet Files\23320 - E0.04.dwg

Plot Date Time: 10/04/2024 11:54 AM



**1 ELEVATION - TRANSFORMERS TELQ3, TELCD & TLD**  
E0.4 SCALE: NONE

EHCD											
LOCATION: LTC EXPANSION - MECH/ELEC RM						VOLTS: 480/277 Wye			A.I.C. RATING: 10,000		
FED FROM: EHCC						PHASES: 3			MAINS TYPE: LUGS		
MOUNTING: SURFACE						WIRES: 4			RATING: 100A		
CKT#	CIRCUIT DESCRIPTION	AMP	POLE	VA-PHASE A	VA-PHASE B	VA-PHASE C	POLE	AMP	CIRCUIT DESCRIPTION	CKT#	
1		20	1				2	20		2	
3		20	1				---	---		4	
5		20	1				1	20		6	
7		20	3				1	20		8	
9		---	---				1	20		10	
11		20	1				1	20		12	
13		20	1				1	20		14	
15		20	1				1	20		16	
17		20	1				1	20		18	
19		20	1				1	20		20	
21		20	1				1	20		22	
23		20	1				1	20		24	
25		20	1				1	20		26	
27		20	1				1	20		28	
29		20	1				1	20		30	
31		20	1				1	20		32	
33		20	1				1	20		34	
35		20	1				1	20		36	
37		20	1	360			3	50	PANEL ELCD VIA XFMR TELCD	38	
39		20	1		180		---	---		40	
41		20	1			180	---	---		42	

PANEL	LOAD AMPS	PHASE A 0.4 kVA 1 A	PHASE B 0.2 kVA 1 A	PHASE C 0.2 kVA 1 A

LOAD TYPE	CONNECTED LOAD	DEMAND FACTOR	TOTAL LOAD WITH NEC FACTORS	PANEL TOTALS
CONTINUOUS	0 VA	125%	0	TOTAL CONNECTED LOAD: 0.7 kVA
LIGHTING	0 VA	100%	0	TOTAL NEC LOAD: 0.7 kVA
MOTOR	0 VA	0%	0	TOTAL CONNECTED AMPS: 0.9 A
NON-CONTINUOUS	0 VA	100%	0	TOTAL NEC AMPS: 0.9 A
RECEPTACLE	720 VA	100%	720	
LOAD TYPE	0 VA	55%	0	

NOTES:

ELCD											
LOCATION: LTC EXPANSION - MECH/ELEC RM						VOLTS: 208/120 Wye			A.I.C. RATING: 10,000		
FED FROM: EHCD						PHASES: 3			MAINS TYPE: LUGS		
MOUNTING: SURFACE						WIRES: 4			RATING: 100A		
CKT#	CIRCUIT DESCRIPTION	AMP	POLE	VA-PHASE A	VA-PHASE B	VA-PHASE C	POLE	AMP	CIRCUIT DESCRIPTION	CKT#	
1	RECEPT - LTC 11 HEADWALL	20	1	180			2	20		2	
3	RECEPT - LTC 12 HEADWALL	20	1		180		---	---		4	
5	RECEPT - LTC 13 HEADWALL	20	1			180	1	20		6	
7	RECEPT - LTC 14 HEADWALL	20	1	180			1	20		8	
9		20	1				1	20		10	
11		20	1				1	20		12	
13		20	1				1	20		14	
15		20	1				1	20		16	
17		20	1				1	20		18	
19		20	1				1	20		20	
21		20	1				1	20		22	
23		20	1				1	20		24	
25		20	1				1	20		26	
27		20	1				1	20		28	
29		20	1				1	20		30	
31		20	1				1	20		32	
33		20	1				1	20		34	
35		20	1				1	20		36	
37		20	1				1	20		38	
39		20	1				1	20		40	
41		20	1				1	20		42	

PANEL	LOAD AMPS	PHASE A 0.4 kVA 3 A	PHASE B 0.2 kVA 2 A	PHASE C 0.2 kVA 2 A

PANEL + SUBPANEL	TOTAL LOAD TOTAL AMPS	PHASE A 0.4 kVA 3 A	PHASE B 0.2 kVA 2 A	PHASE C 0.2 kVA 2 A	SUBPANEL	NONE

LOAD TYPE	CONNECTED LOAD	DEMAND FACTOR	TOTAL LOAD WITH NEC FACTORS	PANEL TOTALS
CONTINUOUS	0 VA	125%	0	TOTAL CONNECTED LOAD: 0.7 kVA
LIGHTING	0 VA	100%	0	TOTAL NEC LOAD: 0.7 kVA
MOTOR	0 VA	0%	0	TOTAL CONNECTED AMPS: 2.0 A
NON-CONTINUOUS	0 VA	100%	0	TOTAL NEC AMPS: 2.0 A
RECEPTACLE	720 VA	100%	720	
LOAD TYPE	0 VA	55%	0	

NOTES:

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65% DESIGN DEVELOPMENT  
23320

PROVIDENCE VALDEZ MEDICAL CENTER  
LONG TERM CARE  
EXPANSION  
911 MEALS AVE, VALDEZ, ALASKA 99686

No.	Description	Date

Drawn by DSD	Date 10/04/2024
Checked KAC	Job No. 23042.01

Sheet Contents  
PANEL SCHEDULES & DETAIL

Sheet No.  
**E0.04**

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Plot Date Time: 10/4/2024 11:54 AM

### ELECTRICAL SPECIFICATIONS

**26 00 00 ELECTRICAL GENERAL REQUIREMENTS**

1. PROVIDE COMPLETE AND FULLY OPERATIONAL SYSTEMS IN ACCORDANCE WITH DIVISIONS 26, 27 AND 28 OF THE SPECIFICATIONS.
2. PROVIDE MATERIALS, LABOR, SERVICES, TOOLS, APPLIANCES AND APPARATUS NOT SPECIFICALLY MENTIONED IN THE CONTRACT DOCUMENTS, BUT WHICH ARE REQUIRED FOR A COMPLETE AND FULLY OPERATIONAL SYSTEM.
3. CONNECT EQUIPMENT AND DEVICES FURNISHED OR INSTALLED BY OTHER TRADES OR FURNISHED BY THE OWNER IN ACCORDANCE WITH THE REQUIREMENTS OF THIS SPECIFICATION.
4. CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND ADHERING TO THE LATEST PROVIDENCE MEDICAL CENTER TECHNICAL SPECIFICATIONS. CONTRACTOR SHALL NOTIFY THE OWNER PROJECT MANAGER AND ENGINEER OF ANY CONFLICTS BETWEEN THE LATEST TECHNICAL SPECIFICATIONS AND THE CONTRACT DOCUMENTS WITHIN TWO WORK WEEKS PRIOR TO AWARD OF CONTRACT.
5. PROVIDE LABOR, MATERIAL AND EQUIPMENT REQUIRED FOR COMPLETE, SAFE WORKABLE ELECTRICAL SYSTEMS AS INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS. COMPLY WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND APPLICABLE LOCAL, STATE AND NATIONAL CODES AND STANDARDS.
6. EMPLOY WORKMEN SKILLED IN THE TRADE AND FAMILIAR WITH TECHNIQUES REQUIRED TO COMPLETE THE WORK IN A NEAT AND WORKMANLIKE MANNER. WORKMANSHIP IS SUBJECT TO APPROVAL BY THE OWNER.
7. OBTAIN AND PAY FOR LICENSES, PERMITS AND INSPECTIONS REQUIRED BY LAW, ORDINANCES AND RULES GOVERNING WORK SPECIFIED HEREIN. ARRANGE INSPECTION OF WORK AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION AND GIVE THE INSPECTORS NECESSARY ASSISTANCE TO COMPLETE THEIR INSPECTION.
8. USE THE DRAWINGS AS A GUIDE FOR QUANTITY, APPROXIMATE EQUIPMENT LOCATIONS AND DESIGN CRITERIA. COORDINATE WORK WITH OTHER TRADES AND ARCHITECTURAL FEATURES TO PROVIDE SYMMETRICAL APPEARANCE. IMMEDIATELY NOTIFY THE OWNER IN WRITING SHOULD CLARIFICATION BE REQUIRED DUE TO A CONFLICT OF QUANTITY, COORDINATION, LOCATION, ETC. THE OWNER'S DECISION IS FINAL AND BINDING. EXTRA COSTS INVOLVED TO COMPLY WITH THE SPECIFICATIONS AND DRAWINGS CAUSED BY A CONFLICT NOT BROUGHT TO THE ATTENTION OF THE OWNER IMMEDIATELY UPON DISCOVERY SHALL BE BORNE BY THE CONTRACTOR UNLESS EXTRA COST IS APPROVED IN WRITING.
9. CONDUCT A SITE VISIT PRIOR TO AWARD OF CONTRACT AND EXAMINE DRAWINGS AND SPECIFICATIONS FOR DISCREPANCIES BETWEEN THE TWO OTHER DIVISIONS OF THE WORK AND EXISTING CONDITIONS. REPORT IN WRITING NO LESS THAN TWO WORK WEEKS PRIOR TO AWARD OF CONTRACT ANY DISCREPANCIES WHICH THE CONTRACTOR BELIEVES ARE CONTRARY TO CODE OR THAT WILL NOT FUNCTION AS SHOWN.
10. OBTAIN SUBMITTALS AND SHOP DRAWINGS OF EQUIPMENT WITH ELECTRICAL CONNECTIONS FURNISHED UNDER OTHER DIVISIONS AND/OR BY THE OWNER AND COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT PROVIDED.
11. MATERIALS SHALL BE NEW, FULL WEIGHT AND BEAR THE UL LABEL.
12. FURNISH A ONE YEAR GUARANTEE FOR ELECTRICAL MATERIALS AND LABOR. GUARANTEE SHALL COMMENCE AT FINAL PAYMENT. MAKE NECESSARY REPAIRS IN A TIMELY MANNER AT NO COST TO THE OWNER.
13. CONTRACTOR SHALL COORDINATE WORK WITH THE APPLICABLE OWNER SYSTEM ADMINISTRATORS PRIOR TO BEGINNING WORK.
14. PROVIDE TO OWNER PROJECT MANAGER, DISRUPTION REQUESTS FOR WORK REQUIRING DISRUPTION. SUBMIT DISRUPTION REQUESTS NOT LESS THAN TWO WEEKS PRIOR TO PROPOSED DISRUPTION. ADHERE TO OWNER POLICIES FOR SERVICE DISRUPTION.
15. SUBMITTALS AND SHOP DRAWINGS: PROVIDE SUBMITTALS AND SHOP DRAWINGS TO ALLOW FOR A TWO WEEK REVIEW BY ENGINEER PRIOR TO ORDERING PRODUCT OR BEGINNING WORK AND NO LATER THAN TWO WORKING WEEKS AFTER AWARD OF CONTRACT. PROVIDE SUBMITTALS IN ELECTRONIC (PDF) FORMAT. SUBMIT THE FOLLOWING:
  - A. PRODUCT INFORMATION:
    - i) INDICATE EACH PRODUCT AS 'BASIS OF DESIGN', 'AS SPECIFIED' OR AS 'PROPOSED SUBSTITUTION'.
    - ii) IDENTIFY CATALOG DESIGNATION AND/OR MODEL NUMBER.
    - iii) NEATLY ANNOTATE EACH SALIENT CHARACTERISTIC AND DESIGN OPTIONS OF THE PRODUCT TO DEMONSTRATE COMPLIANCE WITH THE CONTRACT DOCUMENTS TO INCLUDE: SCHEDULED INFORMATION, DRAWING INFORMATION AND SPECIFIED INFORMATION. CLEARLY INDICATE PRODUCT DEVIATIONS FROM THE CONTRACT DOCUMENTS AND MARK OUT NON-APPLICABLE ITEMS ON GENERIC 'CUT-SHEETS'.
    - iv) INCLUDE MANUFACTURER PROVIDED DIMENSIONED EQUIPMENT DRAWINGS WITH MECHANICAL AND ELECTRICAL ROUGH-IN CONNECTIONS.
    - v) INCLUDE OPERATIONAL CHARACTERISTICS, PERFORMANCE CURVES AND RATED CAPACITIES.
    - vi) INCLUDE MOTOR CHARACTERISTICS AND WIRING DIAGRAMS FOR THE SPECIFIC SYSTEM.
    - vii) PROVIDE BASIC MANUFACTURER'S INSTALLATION INSTRUCTIONS.
  - B. COMPLETED AS-BUILT FORMS FOR ELECTRICAL DISTRIBUTION EQUIPMENT AFFECTED BY PROJECT WORK. ELECTRICAL DISTRIBUTION EQUIPMENT SHALL INCLUDE, BUT SHALL NOT BE LIMITED TO, PANELBOARDS, SWITCHBOARDS, SWITCHGEAR, TRANSFORMERS, ENCLOSED CIRCUIT BREAKERS, MOTORS, BUS PLUGS, DISCONNECTS AND VARIABLE SPEED DRIVES. REQUEST AS-BUILT FORMS FROM OWNER PROJECT MANAGER.
  - C. REQUIRED METERING REPORTS, TEST RESULTS AND/OR STUDIES.
  - D. O&M MANUAL(S) FOR INSTALLED EQUIPMENT 2 WEEKS PRIOR TO SUBSTANTIAL COMPLETION. INFORMATION INCLUDED SHALL BE THE EXACT EQUIPMENT INSTALLED. O&M MANUALS SHALL CONTAIN SUBMITTAL INFORMATION AND INFORMATION NEEDED TO OPERATE AND MAINTAIN SYSTEMS AND EQUIPMENT PROVIDED AND/OR MODIFIED IN THE PROJECT. COORDINATE WITH OWNER PROJECT MANAGER FOR MINIMUM REQUIREMENTS.
  - E. AT COMPLETION PROVIDE RECORD DRAWINGS, UPDATED PANEL SCHEDULES, EQUIPMENT LIST WITH P&MC BARCODE, TELECOM CIRCUIT LIST AND OTHER AS REQUIRED IN CONTRACT DOCUMENTS.
  - F. PROVIDE RECORD DRAWINGS REFLECTING THE AS-BUILT CONFIGURATION FOR THE FIRE ALARM SYSTEM DRAFTED IN THE LATEST VERSION OF AUTOCAD. DRAWINGS SHALL INCLUDE DEVICE LOCATIONS, DEVICE ADDRESSES AND WIRING CONFIGURATION.
  - G. PROVIDE RECORD DRAWINGS REFLECTING THE AS-BUILT CONFIGURATION FOR THE NURSE CALL SYSTEM DRAFTED IN THE LATEST VERSION OF AUTOCAD. DRAWINGS SHALL INCLUDE DEVICE LOCATIONS, WIRING CONFIGURATION AND HEADEND ADDITIONS OR MODIFICATIONS.
16. CONTINUALLY RECORD THE ELECTRICAL INSTALLATION ON A SET OF PRINTS READILY AVAILABLE AT THE PROJECT SITE. MARK RECORD DRAWINGS WITH RED ERASABLE PENCIL. ACCURATELY LOCATE WITH DIMENSIONS ELECTRICAL DEVICES WITHIN AREA OF WORK (NEW AND EXISTING). SHOW PHYSICAL DEVICE CIRCUITING, INDICATE DEVICE CIRCUITS, JUNCTION BOX LOCATIONS, CONDUITS OVER 1 INCH IN DIAMETER, SYSTEM DEVICES, AND ELECTRICAL APPURTENANCES.
17. IDENTIFICATION AND LABELING
  - A. AFFIX OWNER SUPPLIED EQUIPMENT BAR CODE TAGS ON FRONT OR TOP OF EQUIPMENT REQUIRED TO BE TAGGED. TAG SHALL BE CLEARLY VISIBLE FROM FACE OF EQUIPMENT. REQUEST, COMPLETE AND RETURN TO OWNER PROJECT MANAGER AN EQUIPMENT ENTRY FORM FOR EACH PIECE OF EQUIPMENT INSTALLED AND AFFIXED WITH AN EQUIPMENT BAR CODE TAG. CONSULT WITH OWNER PROJECT MANAGER AND REVIEW LATEST OWNER TECHNICAL SPECIFICATIONS FOR EQUIPMENT REQUIRING EQUIPMENT BAR CODE TAG.

- B. PROVIDE CEILING TILE MARKERS FOR EQUIPMENT LOCATED IN ACCESSIBLE CEILING SPACE. MARKER SHALL BE CLEAR LABEL TAPE WITH BLACK LETTERING, AFFIXED TO GRID SUPPORT BAR FACE AND CLEARLY VISIBLE FROM BELOW. MARKER SHALL NOT BE AFFIXED TO REMOVABLE CEILING TILE. SEE DRAWINGS FOR MARKER TEXT.
- C. FIELD VERIFY NEW AND EXISTING CIRCUITS WITHIN AREA OF WORK. COLOR CODE JUNCTION BOXES IN ACCESSIBLE CEILING SPACES AND EXPOSED UNFINISHED AREAS USING SPRAY PAINT ON THE JUNCTION BOX AND COVER AS FOLLOWS:
  - 480V POWER (BROWN)
  - 277V LIGHTING (YELLOW)
  - 208Y/120V ("UNPAINTED")
  - LIFE SAFETY (1E) OR CRITICAL BRANCH (2E) POWER (ORANGE)
  - TELECOM (BLACK)
  - PUBLIC ADDRESS (SILVER)
  - TELEVISION (GOLD)
  - FIRE ALARM (RED)
 USE BLACK FELT TIP MARKER (WHITE FOR 480V POWER AND TELECOM) FOLLOWING PAINTING TO IDENTIFY THE CONTENTS IN 1 INCH HIGH LETTERS. IDENTIFICATION SHALL INCLUDE LOCATION OF CIRCUIT ORIGINATION USING P&MC STANDARD ROOM LABELING AS FOUND ON MOST DOOR JAMBS AND SHALL INCLUDE PANEL OR EQUIPMENT NAME AND CIRCUIT(S) CONTAINED WITHIN AS FOLLOWS:
  - (1) FED FROM: "PANEL"- "CIRCUIT(S)"
  - (2) "BUILDING" "FLOOR"- "ROOM"
- D. IN ACCESSIBLE CEILING SPACES AND EXPOSED UNFINISHED AREAS, USING INDELIBLE MARKING PEN, LABEL CONDUITS 1 INCH OR LARGER WITH PANEL AND CIRCUIT NUMBERS AND PANEL LOCATION OF CONDUCTORS ROUTED THROUGH THE CONDUIT, SIMILAR TO JUNCTION BOX LABELING. LABEL CONDUIT AT 50-FOOT INTERVALS, EXCEPT LABEL EMERGENCY POWER SUPPLY SYSTEM CONDUITS AT 25-FOOT INTERVALS PER NEC 2017 REQUIREMENTS. ADDITIONALLY, LABEL CONDUITS AT WALL PENETRATIONS (BOTH SIDES) AND CONNECTIONS TO PANELS, JUNCTION BOXES, AND OTHER EQUIPMENT SERVED.

**18. BASIC MATERIALS AND METHODS**

- A. APPLY FIRESTOPPING TO ELECTRICAL PENETRATIONS THROUGH FIRE RATED FLOOR AND WALL ASSEMBLIES TO MATCH FIRE RESISTANCE RATING OF ASSEMBLY. CONTRACTOR IS RESPONSIBLE FOR REQUESTING AND ADHERING WITH CURRENT FIRESTOPPING MATERIAL AND INSTALLATION REQUIREMENTS FOR P&MC.
- B. PROVIDE EZ-PATH FOR HIGH TRAFFIC PENETRATIONS THROUGH FIRE RATED BARRIERS.
- C. COMPLY WITH SEISMIC-RESTRAINT REQUIREMENTS OF THE CITY OF VALDEZ UNLESS REQUIREMENTS IN THESE CONTRACT DOCUMENTS ARE MORE STRINGENT. REVIEW LATEST OWNER TECHNICAL SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- D. MULTIWIRE BRANCH CIRCUITS SHALL NOT BE USED ON THIS PROJECT. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH ITS OWN DEDICATED NEUTRAL CONDUCTOR.
- E. LOW VOLTAGE WIRING (TELECOM, NURSE CALL, PUBLIC ADDRESS, CCTV, ACCESS CONTROL, ETC.) IN ACCESSIBLE CEILING SPACE SHALL BE SUPPORTED BY J-HOOKS AND/OR CABLE TRAY AS REQUIRED BY CONTRACT DOCUMENTS. BRIDLE RINGS ARE NOT ACCEPTABLE. CONTRACTOR SHALL REMOVE AND REPLACE BRIDLE RINGS WITHIN AREA OF WORK.

**19. EXAMINATION**

- A. DRAWINGS INVOLVING EXISTING CONDITIONS ARE BASED ON BUILDING RECORD DRAWINGS AND/OR LIMITED FIELD OBSERVATION. CONDUCT A SITE INSPECTION PRIOR TO SUBMISSION OF BID TO BECOME THOROUGHLY FAMILIARIZED WITH THE SCOPE OF WORK. REPORT DISCREPANCIES TO P&MC PROJECT MANAGER BEFORE DISTURBING EXISTING INSTALLATION. VERIFY FIELD MEASUREMENTS AND CIRCUITING ARRANGEMENTS. VERIFY THAT ABANDONED WIRING AND EQUIPMENT SERVE ONLY ABANDONED FACILITIES. BEGINNING OF DEMOLITION IMPLIES CONTRACTOR ACCEPTS EXISTING CONDITIONS.

**20. DEMOLITION OF EXISTING ELECTRICAL WORK**

- A. REMOVE, RELOCATE, AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.
- B. REMOVE ABANDONED, EXPOSED OR UNUSED WIRING, CONDUIT AND HARDWARE TO SOURCE OF SUPPLY. REMOVE EXPOSED AND ACCESSIBLE CONDUIT TO THE POINT WHERE IT BECOMES INACCESSIBLE. CONCEALED CONDUIT WHICH CAN NOT BE REMOVED WITHIN REASON SHALL BE CUT FLUSH AND SURFACE PATCHED AND/OR SEALED AS APPLICABLE.
- C. DISCONNECT AND REMOVE ABANDONED DEVICES WITH ASSOCIATED CONDUIT, WIRE AND HARDWARE AS IDENTIFIED ON DRAWINGS. NOTIFY OWNER OF ANY DEVICES NOT SHOWN ON DRAWINGS THAT ARE WITHIN AREA OF WORK. DISCONNECT AND REMOVE ABANDONED PANELBOARDS AND DISTRIBUTION EQUIPMENT. REROUTE CONDUIT, WIRE AND HARDWARE AS NEEDED TO ACCOMMODATE REMOVAL.
- D. REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION AND EXTENSION WORK.
- E. MAINTAIN ACCESS TO EXISTING ELECTRICAL INSTALLATIONS WHICH REMAIN ACTIVE. MODIFY INSTALLATION OR PROVIDE ACCESS PANELS AS APPROPRIATE.
- F. RESTORE CIRCUITS AND SYSTEMS THAT REMAIN THAT ARE AFFECTED IN ANY WAY BY DEMOLITION WORK SUCH AS LOADS DOWNSTREAM OF DEMOLISHED EQUIPMENT, SWITCHED LIGHTING CIRCUITS WHERE SELECTED LIGHT FIXTURES ARE DEMOLISHED, ETC.
- G. CONTRACTOR SHALL MAKE A REASONABLE EFFORT TO RECYCLE WASTE MATERIAL FROM DEMOLITION. CONTACT HABITAT FOR HUMANITY OR OTHER SOURCE TO RECYCLE USABLE MATERIALS SUCH AS LIGHTING, RECEPTACLES, COVERPLATES, JUNCTION BOXES, CONDUIT, ETC. CONTACT LOCAL METAL RECYCLER TO RECYCLE COPPER, STEEL AND ALUMINUM WASTE. UTILIZE OWNER IN HOUSE RECYCLING OR CITY OF VALDEZ RECYCLING CENTER FOR PAPER, CARDBOARD, PLASTIC, TIN, AND GLASS. UTILIZE ANCHORAGE REGIONAL COMPOST FACILITY FOR WOOD AND SHEETROCK WASTE. ITEMS NOT RECYCLABLE SHALL BE DISPOSED OF IN OWNER PROVIDED WASTE CONTAINER AND IN ACCORDANCE WITH LATEST OWNER DISPOSAL REQUIREMENTS. NO ITEMS DEEMED UNACCEPTABLE FOR DISPOSAL AS DEFINED BY OWNER SHALL BE DISPOSAL OF AT A OWNER SITE. CONTRACTOR SHALL EMPLOY THE SERVICES OF A GREEN STAR APPROVED DISPOSAL SERVICE FOR DISPOSAL OF UNACCEPTABLE ITEMS.
- H. PROVIDE TEMPORARY WIRING AND CONNECTIONS TO MAINTAIN EXISTING SYSTEMS IN SERVICE DURING CONSTRUCTION. WHEN WORK MUST BE PERFORMED ON ENERGIZED EQUIPMENT OR CIRCUITS, USE PERSONNEL EXPERIENCED IN SUCH OPERATIONS.

**21. MAINTAIN EXISTING SYSTEMS IN SERVICE UNTIL NEW SYSTEM IS COMPLETE AND READY FOR SERVICE. DISABLE SYSTEM ONLY TO MAKE SWITCHOVERS AND CONNECTIONS. PROVIDE DISRUPTION REQUEST AND COORDINATE WITH OWNER PROJECT MANAGER PRIOR TO DISABLING SYSTEM. CONTRACTOR SHALL NOT BE ENTITLED TO ANY ADDITIONAL COMPENSATION DUE TO INABILITY OF OWNER TO GRANT AN OUTAGE AT THE DESIRED TIME. MINIMIZE OUTAGE DURATION. MAKE TEMPORARY CONNECTIONS TO MAINTAIN SERVICE IN AREAS ADJACENT TO WORK AREA**

**22. CLEANING AND REPAIR**

- A. CLEAN AND REPAIR EXISTING MATERIALS AND EQUIPMENT WHICH REMAIN OR ARE TO BE REUSED OR ARE AFFECTED BY THIS WORK.
- B. PANELBOARDS: CLEAN EXPOSED SURFACES AND INTERIOR OF CABINET. PROVIDE NEATLY TYPED, FULLY DETAILED BRANCH CIRCUIT DIRECTORY IN PANELS WITH UPDATED LOADS. ODD CIRCUITS ON LEFT, EVEN ON RIGHT.

**26 05 19 LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES**

1. BRANCH CIRCUIT WIRING SHALL BE 600 VOLT INSULATED AND SHALL HAVE THE FOLLOWING INSULATION TYPES:
  - A. HEATED INDOOR SPACES – THHN/THWN OR XHHW
  - B. OUTDOORS, WET LOCATIONS AND UNHEATED SPACES – XHHW OR XHHW-2
2. CONDUCTORS SHALL BE COPPER, SOLID OR STRANDED FOR WIRING #10 OR SMALLER, STRANDED FOR #8 OR LARGER. MINIMUM SIZE AS FOLLOWS:
  - A. #12 AWG FOR BRANCH CIRCUITS.
  - B. #16 AWG FOR LIGHTING FIXTURE WHIPS.
3. PROVIDE PROPERLY SIZED AND BONDED GROUNDING CONDUCTORS WITH POWER CIRCUITS.
4. BRANCH CIRCUIT CONDUCTORS SHOWN ON THE DRAWINGS ARE SIZED FOR AMPACITY ONLY UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL INCREASE FEEDER SIZES IF REQUIRED TO PREVENT FEEDER VOLTAGE DROP FROM EXCEEDING 3%. VOLTAGE DROP AT OUTLETS SHALL NOT EXCEED 5%.

**26 05 33 RACEWAY AND BOXES FOR ELECTRICAL SYSTEMS**

1. CONDUIT TYPES SPECIFICALLY APPROVED FOR USE ON THIS PROJECT SHALL BE OF THE TYPES LISTED HEREIN OR OTHER TYPES SPECIFICALLY IDENTIFIED ON THE DRAWINGS.
2. INTERMEDIATE METAL CONDUIT – IMC.
  - A. LOCATIONS PERMITTED: DRY INDOOR LOCATIONS CONCEALED OR EXPOSED, WHERE SUSCEPTIBLE TO PHYSICAL DAMAGE.
  - B. MINIMUM SIZE: 3/4 INCH.
  - C. FITTINGS SHALL BE GALVANIZED STEEL OR IRON AND SHALL BE THREADED. CONDUIT BUSHINGS SHALL BE PROVIDED AND SHALL BE OF THE INSULATED TYPES. WHERE GROUNDING BUSHINGS ARE REQUIRED, PROVIDE INSULATED GROUNDING BUSHINGS WITH INTEGRAL PRESSURE TYPE GROUND LUGS, THOMAS & BETTS 'BLACKJACK', OR AS APPROVED.
3. ELECTRICAL METALLIC TUBING – EMT
  - A. LOCATIONS PERMITTED: DRY INDOOR LOCATIONS CONCEALED OR EXPOSED, WHERE NOT SUSCEPTIBLE TO PHYSICAL DAMAGE.
  - B. MINIMUM SIZE: 1/2 INCH.
  - C. MAXIMUM SIZE: 3 INCH, EXCEPT WHERE SPECIFICALLY INDICATED ON THE DRAWINGS.
  - D. COUPLINGS AND CONNECTORS SHALL BE MADE OF STEEL OR MALLEABLE IRON. DIE-CAST PRODUCTS SHALL NOT BE USED. CONNECTORS SHALL HAVE INSULATED THROATS. CONNECTORS AND COUPLINGS SHALL BE SETSCREW OR COMPRESSION TYPE.
4. FLEXIBLE METAL (STEEL) CONDUIT – FMC OR FLEX.
  - A. LOCATIONS PERMITTED: MOTOR AND EQUIPMENT FLEXIBLE CONNECTIONS WHERE INSTALLED IN PLENUM SPACES
  - B. MINIMUM SIZE: 1/2 INCH, EXCEPT FIXTURE WHIPS MAY BE 3/8 INCH AS ALLOWED BY THE NEC.
  - C. LENGTH OF FMC FOR CONNECTION TO EQUIPMENT SHALL NOT EXCEED 36 INCHES, EXCEPT FOR LIGHTING FIXTURE WHIPS AND WHERE SPECIFICALLY NOTED. FIXTURE WHIPS SHALL NOT EXCEED 72 INCHES.
  - D. FITTINGS SHALL BE STEEL OR MALLEABLE IRON. THROATS SHALL BE INSULATED
5. GALVANIZED PRESSED STEEL BOXES MAY BE USED WHEREVER THEY ARE PERMITTED BY CODE, EXCEPT IN AREAS INDICATED IN THE PRECEDING PARAGRAPH. FLUSH MOUNTED, PRESSED STEEL BOXES SHALL BE EQUIPPED WITH EXTERNAL MOUNTING BRACKETS FOR ATTACHMENT TO FRAMING MEMBERS WITH SCREWS OR NAILS.
6. CEILING BOXES AND WALL BOXES FOR BRACKET LIGHTS SHALL BE NOT LESS THAN 4 INCH IN DIAMETER BY 1 1/4 INCH DEEP AND SHALL HAVE 3/8 INCH MALLEABLE IRON FIXTURE STUDS IF REQUIRED.
7. MINIMUM SIZE FOR CONDUIT RUNS TO TELECOMMUNICATIONS OUTLETS SHALL BE 1 INCH AND UNLESS OTHERWISE INDICATED ON THE DRAWINGS SHALL SERVE NO MORE THAN ONE TELECOMMUNICATIONS OUTLET.
8. EMT CONDUIT UTILIZED FOR FIRE ALARM SYSTEM WIRING SHALL BE FACTORY PRE-PAINTED WITH A BRIGHT RED TOPCOAT, ALLIED FIRE ALARM RED OR AS APPROVED. OTHER CONDUIT TYPES UTILIZED FOR FIRE ALARM SYSTEM WIRING SHALL BE IDENTIFIED WITH RED PAINT OR RED TAPE WRAPPED A MINIMUM OF 4 TIMES AROUND THE CONDUIT EVERY 10 FEET AND AT EACH FIRE ALARM SYSTEM JUNCTION BOX.
9. IN OCCUPIED AREAS, CONDUIT AND RACEWAYS SHALL BE CONCEALED UNLESS SPECIFICALLY NOTED OTHERWISE. IN SERVICE SPACES (MECHANICAL EQUIPMENT ROOMS, ELECTRICAL ROOMS, STORAGE CLOSETS, ETC.), RACEWAYS MAY BE SURFACE-MOUNTED FOR CONNECTION TO EQUIPMENT.
10. PULL WIRES SHALL BE PROVIDED IN SPARE AND UNUSED CONDUITS. (NYLON "JET-LINE" OR AS APPROVED.)
11. PROVIDE FLEXIBLE CONDUIT CONNECTION AT SEISMIC JOINTS TO ALLOW FOR DISPLACEMENT OF CONDUIT IN ALL THREE AXES. PROVIDE APPROPRIATE LENGTHS OF FLEXIBLE CONDUITS AT SEISMIC JOINTS AND APPROPRIATE AMOUNTS OF SLACK IN CONDUIT TO ALLOW MOVEMENT OF CONDUIT/CABLING IN ACCORDANCE WITH THE DESIGN OF THE SEISMIC JOINT.

**26 27 26 WIRING DEVICES**

1. WIRING DEVICES SHALL BE HOSPITAL GRADE, UNLESS OTHERWISE NOTED IN CONTRACT DOCUMENTS.
2. COLOR OF RECEPTACLES AND SWITCHES SERVED BY NORMAL BRANCH SHALL MATCH EXISTING WIRING DEVICES IN AREA OF WORK. IF NO EXISTING WIRING DEVICES ARE TO REMAIN, WIRING DEVICES SERVED BY THE NORMAL BRANCH SHALL BE IVORY IN COLOR.
3. RECEPTACLES AND SWITCHES SERVED BY LIFE SAFETY OR CRITICAL BRANCHES SHALL BE RED IN COLOR.
4. THE CATALOG NUMBERS LISTED BELOW ARE THE BASIS OF DESIGN. EQUAL DEVICES MANUFACTURED BY ARROW HART, LEVITON AND BRYANT ARE ACCEPTABLE.
  - A. SINGLE POLE LIGHT SWITCH: HUBBELL WIRING PART NUMBER 1221
  - B. THREE-WAY LIGHT SWITCH: HUBBELL WIRING PART NUMBER 1223
  - C. NEMA 5-20, 20A, 125V: HUBBELL WIRING PART NUMBER HBL8300
  - D. NEMA 5-20, 20A, 125V GFCI: HUBBELL WIRING PART NUMBER GFR8300HST
  - E. NEMA 5-20, 20A, 125V TAMPER RESISTANT: HUBBELL WIRING PART NUMBER HBL8300SG
  - F. NEMA 5-20, 20A, 125V TAMPER RESISTANT GFCI: HUBBELL WIRING PART NUMBER GFR8300SG
5. DEVICE PLATES SHALL BE SATIN FINISHED 302 STAINLESS STEEL. ENGRAVE BRANCH CIRCUIT DESIGNATION (PANEL AND CIRCUIT NUMBER) ON RECEPTACLE DEVICE PLATES (e.g., "ELQ3-7").

**26 28 00 LOW-VOLTAGE CIRCUIT PROTECTIVE DEVICES**

1. MOLDED CASE CIRCUIT BREAKERS
  - A. WHERE INSTALLED IN AN EXISTING PANELBOARD, CIRCUIT BREAKER SHALL BE OF THE SAME MANUFACTURER AS PANELBOARD AND LISTED FOR USE IN EXISTING PANELBOARD. RATINGS SHALL BE AS SHOWN ON PANEL SCHEDULES AND/OR DRAWINGS.
  - B. CIRCUIT BREAKERS SHALL HAVE A PERMANENT TRIP UNIT CONTAINING INDIVIDUAL THERMAL AND MAGNETIC TRIP ELEMENTS IN EACH POLE.

- C. AMPERAGE INTERRUPT RATING SHALL BE EQUAL TO OR GREATER THAN THE SHORT CIRCUIT CURRENT RATING OF THE PANEL AND CLEARLY POSTED WITHOUT REMOVAL OF PANEL COVER. SERIES RATINGS SHALL BE ALLOWED ONLY BY APPROVAL OF ENGINEER OR AS INDICATED IN CONTRACT DOCUMENTS.
- D. EQUIPMENT PROTECTION DEVICE BREAKER TYPE (EPD) SHALL BE 30mA TRIP.

**26 29 00 LOW VOLTAGE CONTROLLERS**

1. AC FRACTIONAL HORSEPOWER MANUAL STARTERS
  - A. PROVIDE MANUAL STARTERS FOR FRACTIONAL HORSEPOWER MOTORS CONSISTING OF A MANUALLY OPERATED TOGGLE SWITCH EQUIPPED WITH RED PILOT LIGHT AND MELTING ALLOY TYPE THERMAL OVERLOAD RELAY.
  - B. THERMAL UNIT SHALL BE ONE PIECE CONSTRUCTION AND INTERCHANGEABLE. STARTER SHALL BE INOPERATIVE IF THERMAL UNIT IS REMOVED.
2. AC COMBINATION STARTERS WITH FUSIBLE DISCONNECT SWITCH OR CIRCUIT BREAKER
  - A. COMBINATION STARTERS SHALL BE MANUFACTURED IN ACCORDANCE WITH THE LATEST PUBLISHED NEMA STANDARDS, SIZES AND HORSEPOWER RATINGS.
  - B. COMBINATION STARTERS WITH DISCONNECT SWITCH SHALL CONSIST OF A VISIBLE BLADE DISCONNECT SWITCH AND A MOTOR STARTER.
  - C. COMBINATION STARTERS SHALL BE MOUNTED IN NEMA 1 GENERAL PURPOSE ENCLOSURES UNLESS OTHERWISE INDICATED ON THE PLANS OR REQUIRED BY THE CONDITIONS OF THE AREA IN WHICH THEY ARE INSTALLED.
  - D. THE DISCONNECT HANDLE USED ON COMBINATION STARTERS SHALL ALWAYS BE IN CONTROL OF THE DISCONNECT DEVICE WITH THE DOOR OPENED OR CLOSED. THE DISCONNECT HANDLE SHALL BE CLEARLY MARKED AS TO WHETHER THE DISCONNECT DEVICE IS "ON" OR "OFF".

**26 50 00 LIGHTING**

1. LIGHTING FIXTURES SHALL COMPLY WITH THE REQUIREMENTS OF NEC ARTICLE 410. PROVIDE LIGHTING FIXTURES IN ACCORDANCE WITH LIGHTING FIXTURE SCHEDULE. PROVIDE SAFETY HANGAR WIRES FOR FIXTURES, AS FOLLOWS:
  - A. PROVIDE SAFETY WIRES (A MINIMUM OF TWO 12 GAUGE HANGERS) OR EQUIVALENT CHAINS FOR EACH LIGHT FIXTURE WEIGHING LESS THAN 56 POUNDS INSTALLED IN T-BAR OR OTHER CEILING SUSPENSION SYSTEMS. SAFETY WIRES AND CHAINS SHALL BE SECURELY ATTACHED TO DIAGONALLY OPPOSITE CORNERS OF EACH FIXTURE AND TO STRUCTURE. FIXTURES WEIGHING 56 POUNDS OR MORE SHALL BE SUPPORTED FROM STRUCTURE.
  - B. SURFACE MOUNTED LIGHTING FIXTURES SUPPORTED FROM T-BAR GRID SHALL BE ATTACHED TO THE GRID WITH A POSITIVE CLAMP DEVICE THAT COMPLETELY SURROUNDS THE SUPPORTING MEMBER SIMILAR TO CADDY "IDS". PROVIDE SAFETY WIRES AS SPECIFIED IN THE PREVIOUS PARAGRAPH.
  - C. PROVIDE SAFETY WIRES (A MINIMUM OF TWO 12 GAUGE HANGERS) OR EQUIVALENT AIRCRAFT CABLE FOR EACH PENDANT MOUNTED FIXTURE. HANGARS OR CABLE SHALL BE SECURELY ATTACHED TO FIXTURE, THEN ROUTED THROUGH STEM AND SECURELY ATTACHED TO STRUCTURE.
2. PROVIDE BALLAST/DRIVER DISCONNECTING MEANS IN ACCORDANCE WITH NEC ARTICLE 410.

**27 20 00 TELECOM DISTRIBUTION SYSTEM**

1. AT MINIMUM, PROVIDE A 1 INCH DIAMETER CONDUIT FROM EACH TELECOM OUTLET LOCATION SUBBED TO ACCESSIBLE CEILING SPACE OR CABLE TRAY AS APPLICABLE. PROVIDE INSULATED BUSHING ON CONDUIT STUB. PROVIDE NYLON PULL-CORD WITH NOT LESS THAN 200-POUND TENSILE STRENGTH IN EACH CONDUIT WITH 5 FEET OF EXCESS COILED AT EACH END.
2. HORIZONTAL CABLING SHALL BE 4-PAIR, CATEGORY 6, PLENUM RATED, AND COLOR CODED AS FOLLOWS: GENERAL TELECOM (BLUE), WIRELESS (GREEN), PHILIPS TELEMETRY (ORANGE), AND NURSE CALL & PATIENT MONITORING (BRIGHT LIME GREEN). QUANTITIES AS SHOWN IN DRAWINGS. NO FACTORY OR OTHER SPICES ALLOWED.
3. TELECOM CABLE TOTAL HORIZONTAL LENGTH SHALL NOT EXCEED 300 FEET WITH THE TOTAL AGGREGATE LENGTH FROM ACTIVE NODE TO USER DEVICE NOT TO EXCEED 330 FEET.
4. TERMINATE CABLE AT PATCH PANEL IN TELECOM CLOSET AND ON TELECOM OUTLET JACK AT POINT OF USE, COORDINATE WITH INFORMATION SERVICES PROJECT MANAGER FOR ADDITIONAL REQUIREMENTS.
5. BOXES FOR TELECOMMUNICATIONS OUTLETS SHALL BE A MINIMUM OF 4 INCHES SQUARE BY 2 1/8 INCHES DEEP. DEVICE RINGS FOR TELECOMMUNICATIONS OUTLETS SHALL BE SINGLE-GANG, MINIMUM 5/8 INCHES DEEP, TO PROVIDE A MINIMUM INTERNAL FINISHED DEPTH OF 2 3/4 INCHES.
6. TELECOMMUNICATIONS OUTLETS WITH ASSOCIATED FACEPLATE AND JACKS SHALL MAKE UP A 4 POSITION MODULAR ASSEMBLY RATED FOR CATEGORY 6 USE WITH INTEGRAL AT&T 110 TYPE TERMINATIONS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
7. SLEEVES SHALL BE PROVIDED THROUGH WALLS, CEILING, FLOORS AND EQUIPMENT.
8. WORK SHALL COMPLY WITH APPLICABLE ANSI/TIA/EIA AND BICSI STANDARDS, SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS, AND SHALL BE ACCEPTABLE TO THE DATA SYSTEM AND THE TELEPHONE SYSTEM PROVIDERS.
9. TELECOMMUNICATIONS JACKS SHALL BE IDENTIFIED AND LABELED IN ACCORDANCE WITH THE LATEST OWNER TECHNICAL SPECIFICATIONS. CONTRACTOR SHALL COORDINATE PROPER IDENTIFICATION OF TELECOM JACKS WITH MIS DEPARTMENT.
10. TEST TELECOM INSTALLATION FOR CATEGORY 6 PERFORMANCE IN ACCORDANCE WITH BICSI TDM 13TH EDITION AND ANSI/TIA-568-D STANDARD.

**28 31 00 FIRE DETECTION AND ALARM**

1. MAINTAIN EXISTING FIRE ALARM SYSTEM IN SERVICE. DISABLE SYSTEM ONLY TO MAKE SWITCHOVERS AND CONNECTIONS. SUBMIT DISRUPTION REQUEST TO PVMC PROJECT MANAGER PER SECTION 26 00 00 BEFORE PARTIALLY OR COMPLETELY DISABLING SYSTEM AND NOTIFY APPLICABLE FIRE DEPARTMENT AUTHORITIES AT LEAST 24 HOURS BEFORE OUTAGE. MINIMIZE OUTAGE DURATION. MAKE TEMPORARY CONNECTIONS TO MAINTAIN SERVICE IN AREAS ADJACENT TO WORK AREA.
2. PROVIDE, REMOVE OR RELOCATE EXISTING FIRE ALARM DEVICES AS SHOWN ON THE PLANS. NEW DEVICES SHALL BE IDENTICAL TO EXISTING SIMILAR DEVICES AND UL LISTED FOR USE WITH THE EXISTING FIRE ALARM SYSTEM.
3. WIRING SHALL BE OF THE TYPE RECOMMENDED BY THE NEC, APPROVED BY LOCAL AUTHORITIES HAVING JURISDICTION FOR THE PURPOSE, AND SHALL BE INSTALLED IN DEDICATED CONDUIT SHARED BY NO OTHER SYSTEM.
4. PROVIDE REQUIRED EQUIPMENT, CARDS, PROGRAMMING, BATTERIES, ETC. FOR THE EXISTING FIRE ALARM SYSTEM CONTROL PANEL(S) AND THE REMOTE SYSTEM FRONT END TERMINALS TO SUPPORT REVISED FIRE ALARM SYSTEM. FIRE ALARM WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA 72 AND SHALL BE COORDINATED WITH P&MC FIRE-LIFE SAFETY MANAGER.
5. PERFORM RE-ACCEPTANCE TESTING OF THE FIRE ALARM SYSTEM IN ACCORDANCE WITH NFPA 72. COORDINATE TESTING WITH PVMC FIRE-LIFE SAFETY MANAGER. PROVIDE A MINIMUM OF 72 HOURS NOTICE. CONTRACTOR SHALL NOT BE ENTITLED TO ANY ADDITIONAL COMPENSATION DUE TO INABILITY OF PVMC TO SCHEDULE TEST AT THE DESIRED TIME. SUBMIT FINAL TEST RESULTS.

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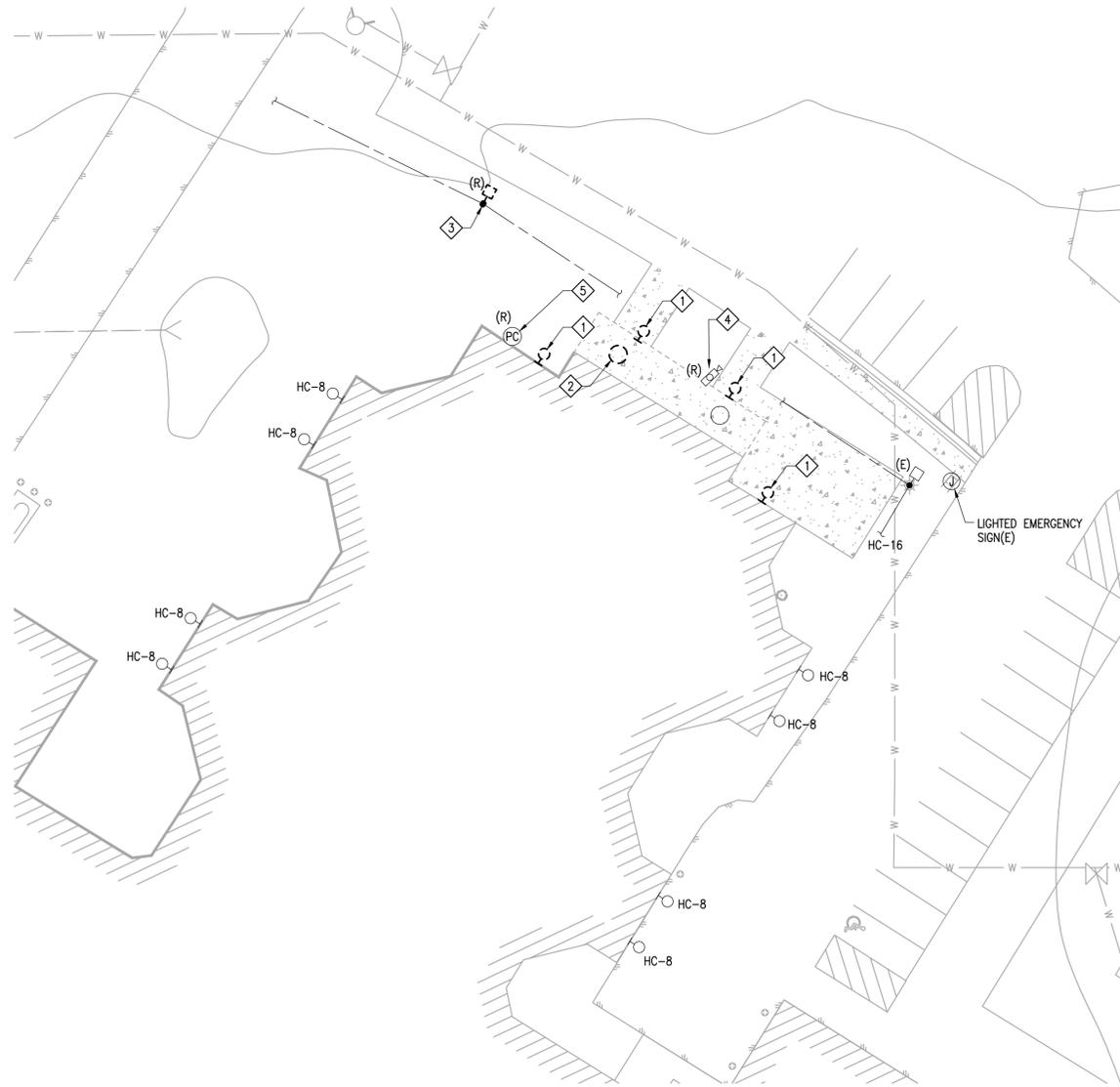
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Sheet Contents  
ELECTRICAL SPECIFICATIONS

Sheet No.  
**E0.05**

### DEMOLITION NOTES

- 1 DEMOLISH EXISTING, EXTERIOR, WALL MOUNTED AREA LIGHT FIXTURE. RETAIN EXISTING AREA LIGHTING CIRCUIT FOR EXTENSION AND RECONNECTION TO NEW LIGHT FIXTURE IN ACCORDANCE WITH DETAIL 2 ON THIS SHEET.
- 2 DEMOLISH EXISTING, EXTERIOR, UNDER CANOPY LIGHT FIXTURE. RETAIN EXISTING AREA LIGHTING CIRCUIT FOR EXTENSION AND RECONNECTION TO NEW LIGHT FIXTURE PROVIDED IN ACCORDANCE WITH DETAIL 2 ON THIS SHEET.
- 3 REMOVE EXISTING, POLE MOUNTED, SITE LIGHT FIXTURE AND RETAIN FOR REINSTALLATION IN ACCORDANCE WITH DETAIL 2 ON THIS SHEET. RETAIN EXISTING AREA LIGHTING CIRCUIT FOR EXTENSION AND RECONNECTION TO RELOCATED LIGHT FIXTURE.
- 4 REMOVE EXISTING, UNDER CANOPY MOUNTED VIDEO SURVEILLANCE CAMERA FOR REINSTALLATION IN ACCORDANCE WITH DETAIL 2 ON THIS SHEET. DEMOLISH ASSOCIATED TELECOM HORIZONTAL CABLE BACK TO SOURCE. RETAIN EXISTING CONDUIT FOR EXTENSION AND RECONNECTION TO RELOCATED CAMERA.
- 5 REMOVE EXISTING, EXTERIOR, WALL MOUNTED PHOTOCELL AND RETAIN FOR REINSTALLATION IN ACCORDANCE WITH DETAIL 2 ON THIS SHEET. RETAIN EXISTING CONTROL CIRCUIT AND ASSOCIATED CONDUIT FOR EXTENSION AND RECONNECTION TO RELOCATED PHOTOCELL.



**1 EXISTING SITE PLAN - ELECTRICAL - DEMOLITION**  
E1.01 SCALE: 1" = 20'

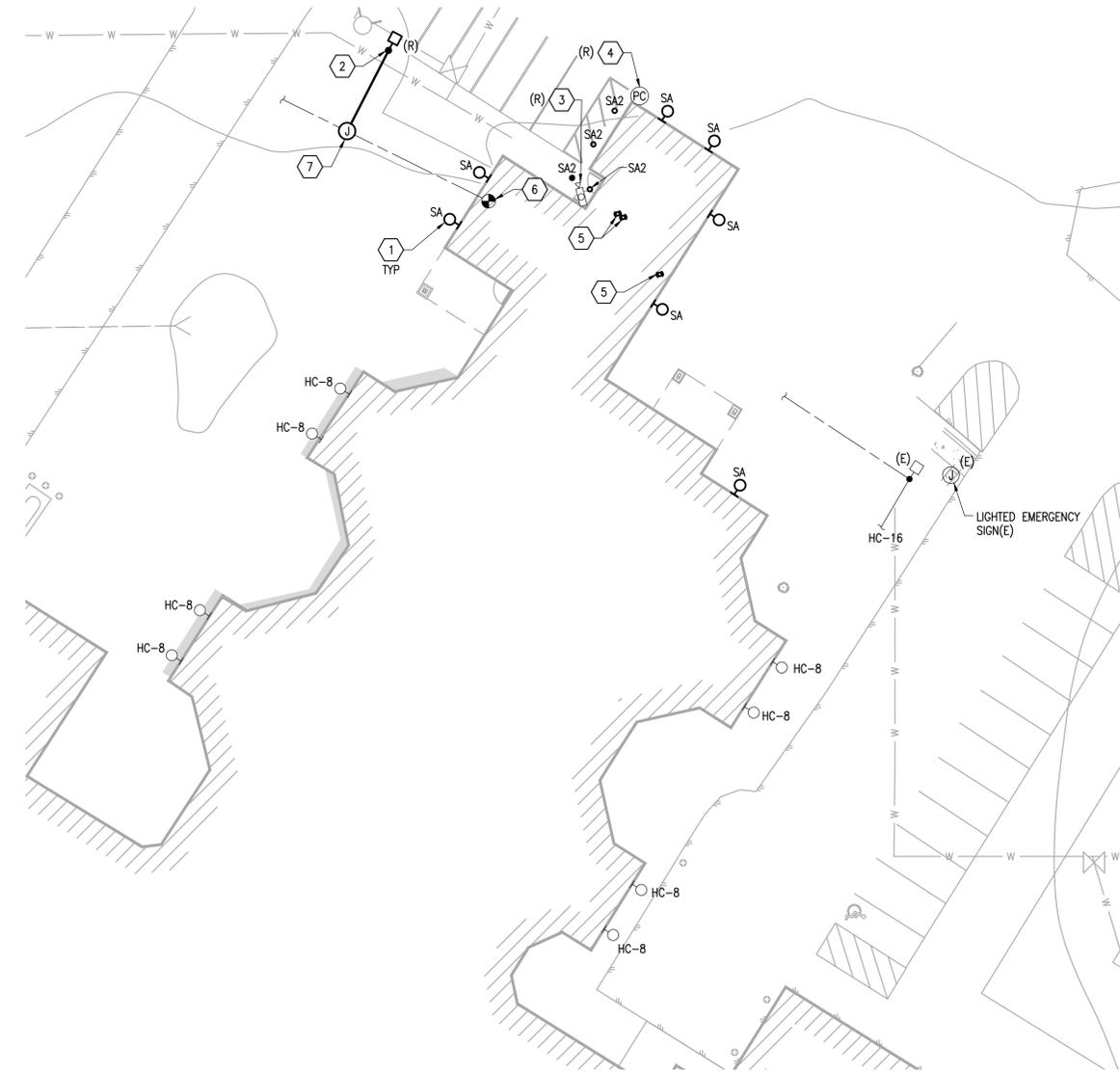


### GENERAL NOTES

- 1. DEVICES AND/OR EQUIPMENT INDICATED ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED.
- 2. REFER TO LIGHTING FIXTURE SCHEDULE ON SHEET E0.02 FOR ADDITIONAL INFORMATION.

### SHEET NOTES

- 1 PROVIDE WALL MOUNTED AREA LIGHT FIXTURE AT SAME HEIGHT AFG AS EXISTING WALL MOUNTED AREA LIGHTS. INTERCEPT, EXTEND, AND CONNECT EXISTING AREA LIGHTING CIRCUIT TO NEW LIGHT FIXTURE.
- 2 REINSTALL EXISTING, POLE MOUNTED, SITE LIGHTING LIGHT FIXTURE AT LOCATION INDICATED. INTERCEPT, EXTEND, AND CONNECT EXISTING AREA LIGHTING CIRCUIT TO LIGHT FIXTURE.
- 3 REINSTALL EXISTING, UNDER CANOPY MOUNTED VIDEO SURVEILLANCE CAMERA AT LOCATION INDICATED. INTERCEPT, EXTEND, AND CONNECT EXISTING CONDUIT TO CAMERA AND PROVIDE TELECOM HORIZONTAL CABLE BACK TO PATCH PANEL IN PENTHOUSE TELECOM ROOM.
- 4 REINSTALL EXISTING, EXTERIOR, WALL MOUNTED PHOTOCELL AT LOCATION INDICATED. INTERCEPT, EXTEND, AND CONNECT EXISTING CONTROL CIRCUIT AND ASSOCIATED CONDUIT TO PHOTOCELL.
- 5 PROVIDE CONNECTION TO RAIN LEADER HEAT TRACE. PROVIDE PILOT LIGHTED SWITCH IN MECHANICAL ROOM D200 FOR ON/OFF CONTROL OF HEAT TRACE. REFER TO SHEET E4.01 FOR ADDITIONAL INFORMATION.
- 6 INTERCEPT, EXTEND, AND CONNECT EXISTING CONDUITS PREVIOUSLY SERVING RELOCATED POLE MOUNTED SITE LIGHTING FIXTURE AT THIS LOCATION.
- 7 PROVIDE AK DOT TYPE 1A JUNCTION BOX FOR SITE LIGHTING. INTERCEPT, EXTEND, AND CONNECT EXISTING SITE LIGHTING CONDUITS TO JUNCTION BOX.



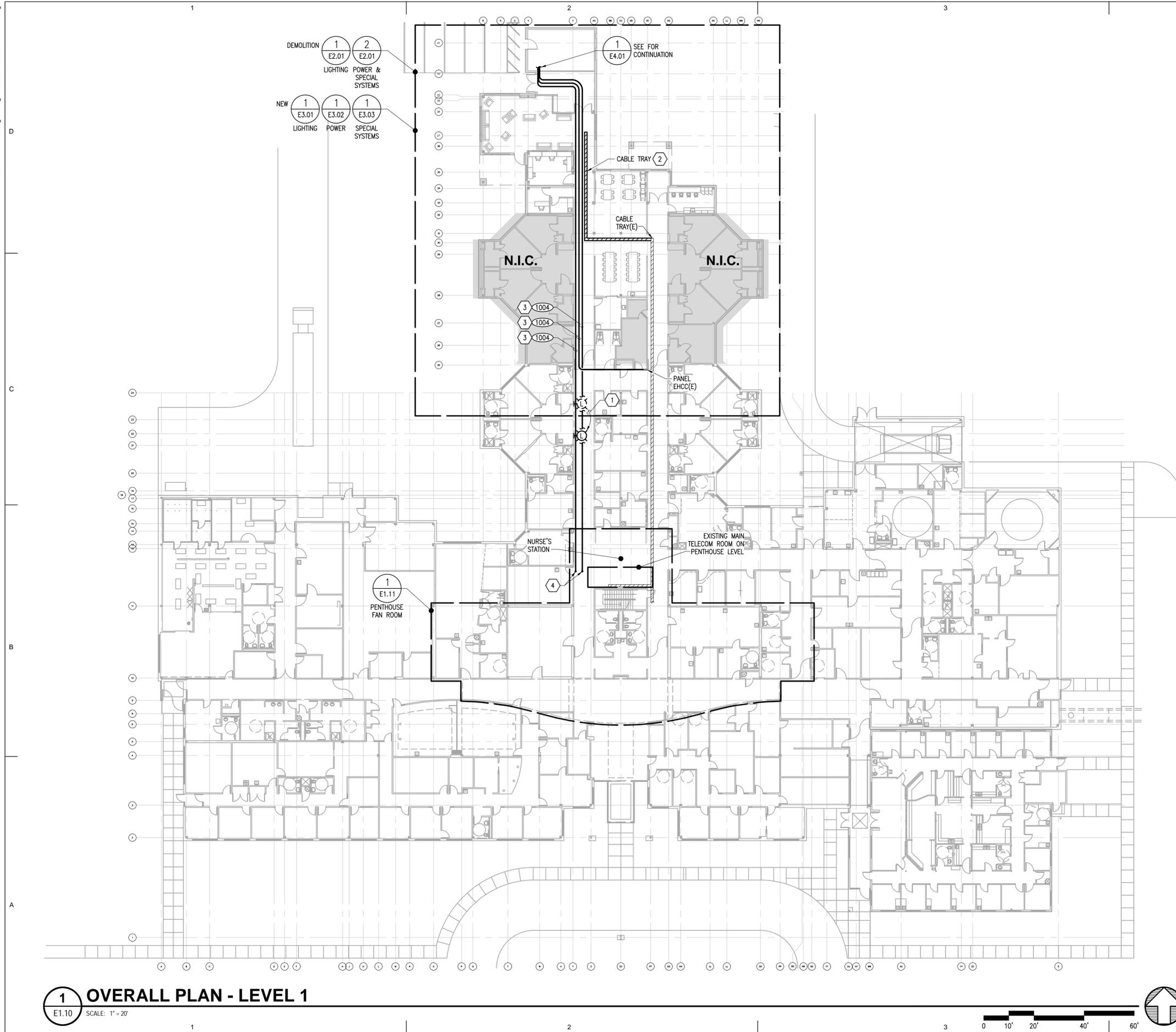
**2 SITE PLAN - ELECTRICAL - REVISED**  
E1.01 SCALE: 1" = 20'



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Sheet Contents  
SITE PLAN - ELECTRICAL -  
DEMOLITION & REVISED



**GENERAL NOTES**

1. DEVICES AND EQUIPMENT ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

**SHEET NOTES**

- 1 RELOCATE NURSE CALL DEVICE TO FACILITATE INSTALLATION OF NEW CORRIDOR DOUBLE DOORS.
- 2 PROVIDE 12 INCH WIDE x 4 INCH DEEP, WIRE MESH STYLE CABLE TRAY IN ACCESSIBLE CEILING.
- 3 ROUTE FEEDER(S) ABOVE ACCESSIBLE CEILING. PROVIDE PULL BOXES SIZED IN ACCORDANCE WITH NEC REQUIREMENTS AS REQUIRED. REFER TO THE POWER ONE-LINE DIAGRAM FOR FEEDER SIZING INFORMATION.
- 4 FEEDER CONDUIT PENETRATIONS INTO PENTHOUSE FAN ROOM. REFER TO SHEET E1.11 FOR CONTINUATION.

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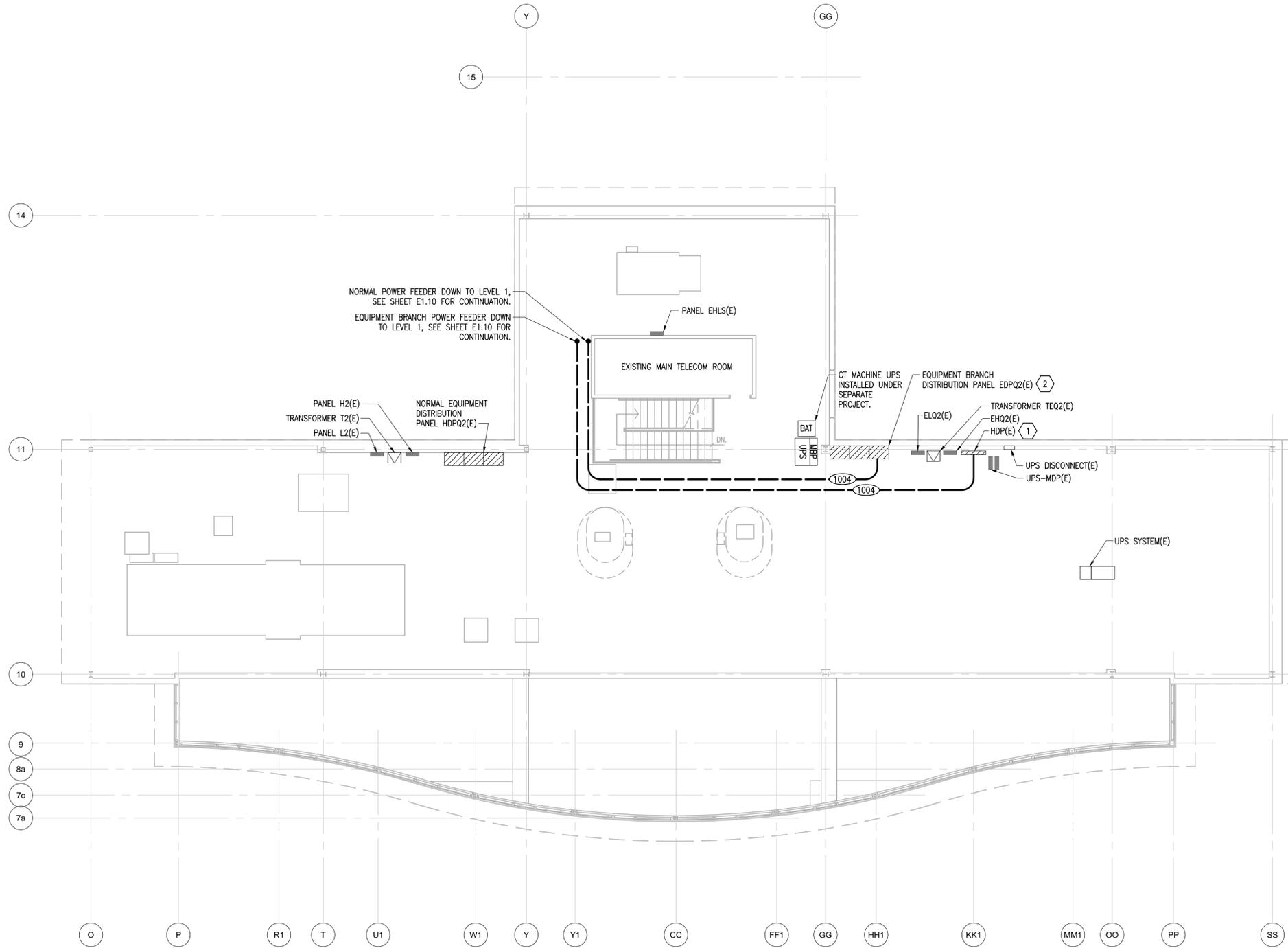
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Sheet Contents  
 OVERALL PLAN - LEVEL 1

Sheet No.  
**E1.10**

**1 OVERALL PLAN - LEVEL 1**  
 E1.10 SCALE: 1" = 20'





### GENERAL NOTES

1. DEVICES AND/OR EQUIPMENT INDICATED ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

### SHEET NOTES

1. UTILIZE EXISTING CIRCUIT BREAKER IN EXISTING NORMAL POWER DISTRIBUTION PANEL TO PROVIDE POWER FOR LTC EXPANSION AREA, NORMAL POWER, BRANCH CIRCUIT PANELS IN ACCORDANCE WITH THE POWER ONE-LINE DIAGRAM.
2. PROVIDE FUSIBLE SWITCH IN EXISTING DISTRIBUTION SWITCHBOARD EDPO2 TO PROVIDE POWER FOR LTC EXPANSION AREA, EQUIPMENT BRANCH CIRCUIT PANELS IN ACCORDANCE WITH THE POWER ONE-LINE DIAGRAM.

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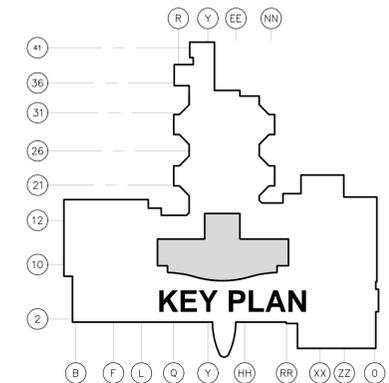
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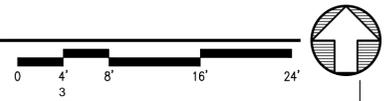
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Sheet Contents  
OVERALL PLAN - PENTHOUSE - ELECTRICAL

Sheet No.  
**E1.11**

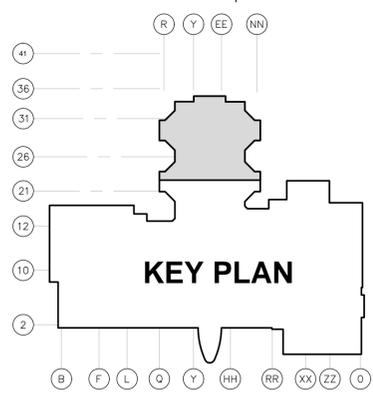


**1 OVERALL PLAN - PENTHOUSE - ELECTRICAL**  
E1.11 SCALE: 1/8" = 1'-0"



### DEMOLITION NOTES - LIGHTING

- 1 DEMOLISH LIGHTING FIXTURE. DEMOLISH ASSOCIATED JUNCTION BOXES, CONDUITS, AND BRANCH CIRCUIT BACK TO LAST DEVICE TO REMAIN OR PANELBOARD AND MAKE SPARE.
- 2 DEMOLISH LIGHT SWITCH. DEMOLISH ASSOCIATED JUNCTION BOXES, CONDUITS, AND BRANCH CIRCUIT BACK TO LAST DEVICE TO REMAIN OR PANELBOARD AND MAKE SPARE.
- 3 DEMOLISH LIGHTING FIXTURES IN EXISTING TO REMAIN CLERESTORY. RETAIN BACKBOXES AND BRANCH CIRCUITS FOR RECONNECTION TO NEW FIXTURES.
- 4 DEMOLISH LIGHTING FIXTURE IN EXISTING TO REMAIN CEILING. RETAIN CIRCUIT FOR RECONNECTION IN ACCORDANCE WITH E3.01.
- 5 DEMOLISH LIGHT SWITCH CONTROLLING CORRIDOR LIGHTING SOUTH OF GRIDLINE 25 (ACUTE CARE AREA). DEMOLISH BACK BOX AND CIRCUIT BACK TO CEILING SPACE AND RECONNECT TO NEW LIGHT SWITCH PROVIDED IN ACCORDANCE WITH SHEET E3.01.

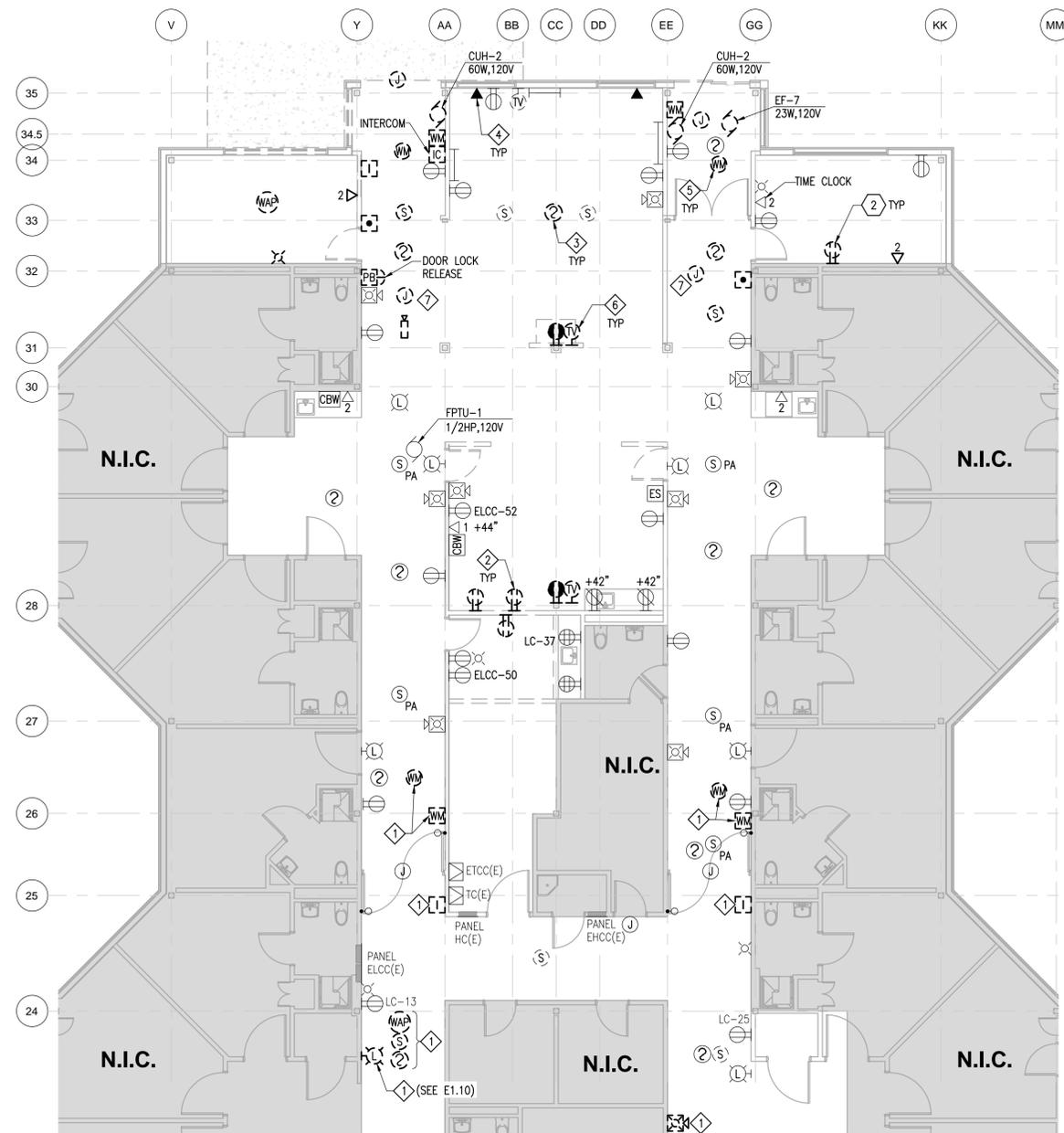
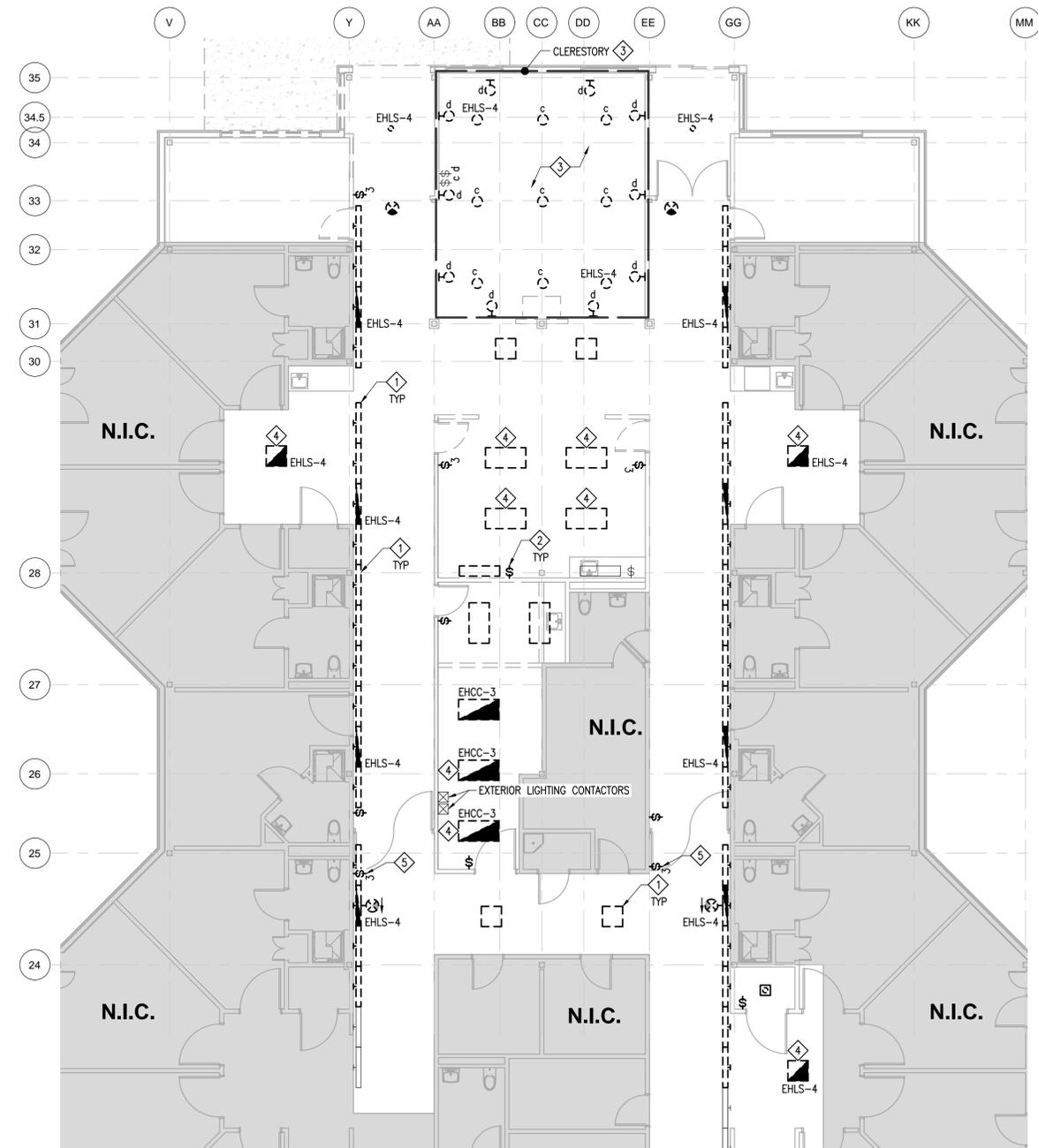


### GENERAL NOTES

- 1. EQUIPMENT OR DEVICES INDICATED ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED OR INDICATED BY LINEWEIGHT.

### DEMOLITION NOTES - POWER/SPECIAL SYSTEMS

- 1 REMOVE DEVICE TO FACILITATE INSTALLATION OF NEW CORRIDOR DOUBLE DOORS. RETAIN DEVICE AND ASSOCIATED WIRING/CIRCUIT FOR REUSE.
- 2 DEMOLISH RECEPTACLE AND DEMOLISH ASSOCIATED JUNCTION BOXES, CONDUITS, AND BRANCH CIRCUIT BACK TO LAST DEVICE TO REMAIN OR PANELBOARD.
- 3 DEMOLISH FIRE ALARM DEVICE AND DEMOLISH ASSOCIATED JUNCTION BOXES, CONDUITS, AND CIRCUIT BACK TO LAST DEVICE TO REMAIN.
- 4 DEMOLISH TELECOM OUTLET, JUNCTION BOX, AND CONDUIT. DEMOLISH TELECOM HORIZONTAL CABLING BACK TO SOURCE PATCH PANEL.
- 5 REMOVE WANDER MANAGEMENT DEVICE AND RETAIN FOR REUSE.
- 6 DEMOLISH CATV OUTLET AND ASSOCIATED BACK BOX AND CONDUITS. DEMOLISH CABLING BACK TO SPLITTERS IN PENTHOUSE TELECOM ROOM.
- 7 REMOVE REAL TIME LOCATION SYSTEM (RTLS) DEVICE USED FOR STAFF/ASSET TRACKING AND RETAIN FOR REUSE.



**1 FLOOR PLAN - LIGHTING - DEMO**  
E2.01 SCALE: 1/8" = 1'-0"

**2 FLOOR PLAN - POWER & SPECIAL SYSTEMS - DEMO**  
E2.01 SCALE: 1/8" = 1'-0"

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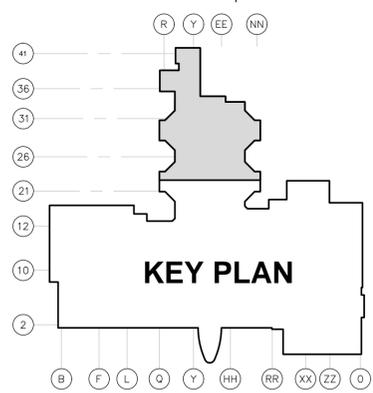
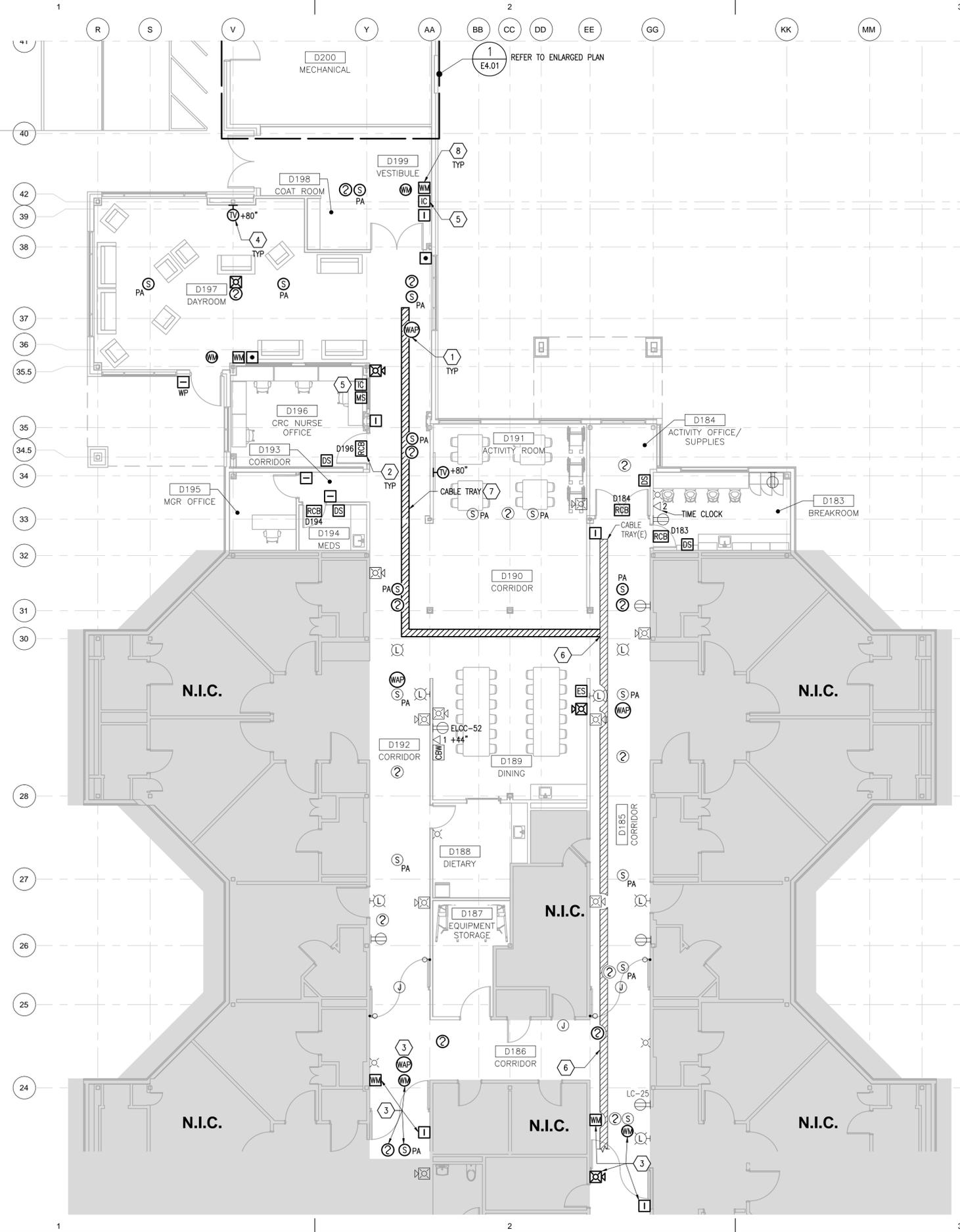
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Sheet Contents  
FLOOR PLAN - ELECTRICAL -  
DEMOLITION

Sheet No.  
**E2.01**







### GENERAL NOTES

- EQUIPMENT OR DEVICES INDICATED ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED.
- PROVIDE REAL TIME LOCATION SYSTEM (RTL) DEVICES FOR TRACKING OF STAFF. PROVIDE DEVICES, CONNECTION, AND PROGRAMMING NECESSARY TO INTEGRATE WITH EXISTING RTL. MANUFACTURER AND SPECIFICATIONS TO MATCH THE EXISTING RTL SYSTEM.

### SHEET NOTES

- PROVIDE TELECOM OUTLET IN ACCESSIBLE CEILING SPACE FOR CONNECTION TO OWNER FURNISHED, CONTRACTOR INSTALLED WIRELESS ACCESS POINT (WAP). PROVIDE TELECOMMUNICATION HORIZONTAL CABLE TO SPARE PATCH PANEL PORT IN THE MAIN TELECOM ROOM LOCATED IN THE PENTHOUSE. REFER TO SHEET E1.11 FOR ADDITIONAL INFORMATION. TERMINATE AND TEST CABLE AND CHANNEL IN ACCORDANCE WITH ANSI/TIA STANDARDS.
- PROVIDE NURSE CALL SYSTEM ROOM CONTROL BOX IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS. CONNECT DEVICES IN ROOM TO ROOM CONTROL BOX IN ACCORDANCE WITH THE NURSE CALL SYSTEM DETAIL SHOWN ON SHEET E5.01. MANUFACTURER AND SPECIFICATIONS TO MATCH THE EXISTING RTL SYSTEM.
- REINSTALL DEVICE REMOVED DURING DEMOLITION TO FACILITATE INSTALLATION OF NEW CORRIDOR DOUBLE DOORS.
- PROVIDE CATV OUTLET AT LOCATION INDICATED. PROVIDE CABLING IN ACCORDANCE WITH DETAIL 3/E5.01.
- PROVIDE INTERCOM SYSTEM WITH VIDEO AND AUDIO FOR VISITOR CHECK IN. PROVIDE DOOR STATION IN VESTIBULE AND MASTER STATION IN CRC NURSE OFFICE. PROVIDE DEVICES, CONNECTIONS, AND PROGRAMMING REQUIRED TO ALLOW UNLOCKING OF ENTRY DOOR FROM INTERCOM MASTER STATION.
- TIE NEW CABLE TRAY INTO EXISTING CABLE TRAY AT LOCATION INDICATED.
- PROVIDE 12 INCH x 4 INCH CABLE TRAY ABOVE ACCESSIBLE CEILING.
- REINSTALL EXISTING WANDER MANAGEMENT DEVICE REMOVED DURING DEMOLITION.

## 1 FLOOR PLAN - SPECIAL SYSTEMS

E3.03 SCALE: 1/8" = 1'-0"



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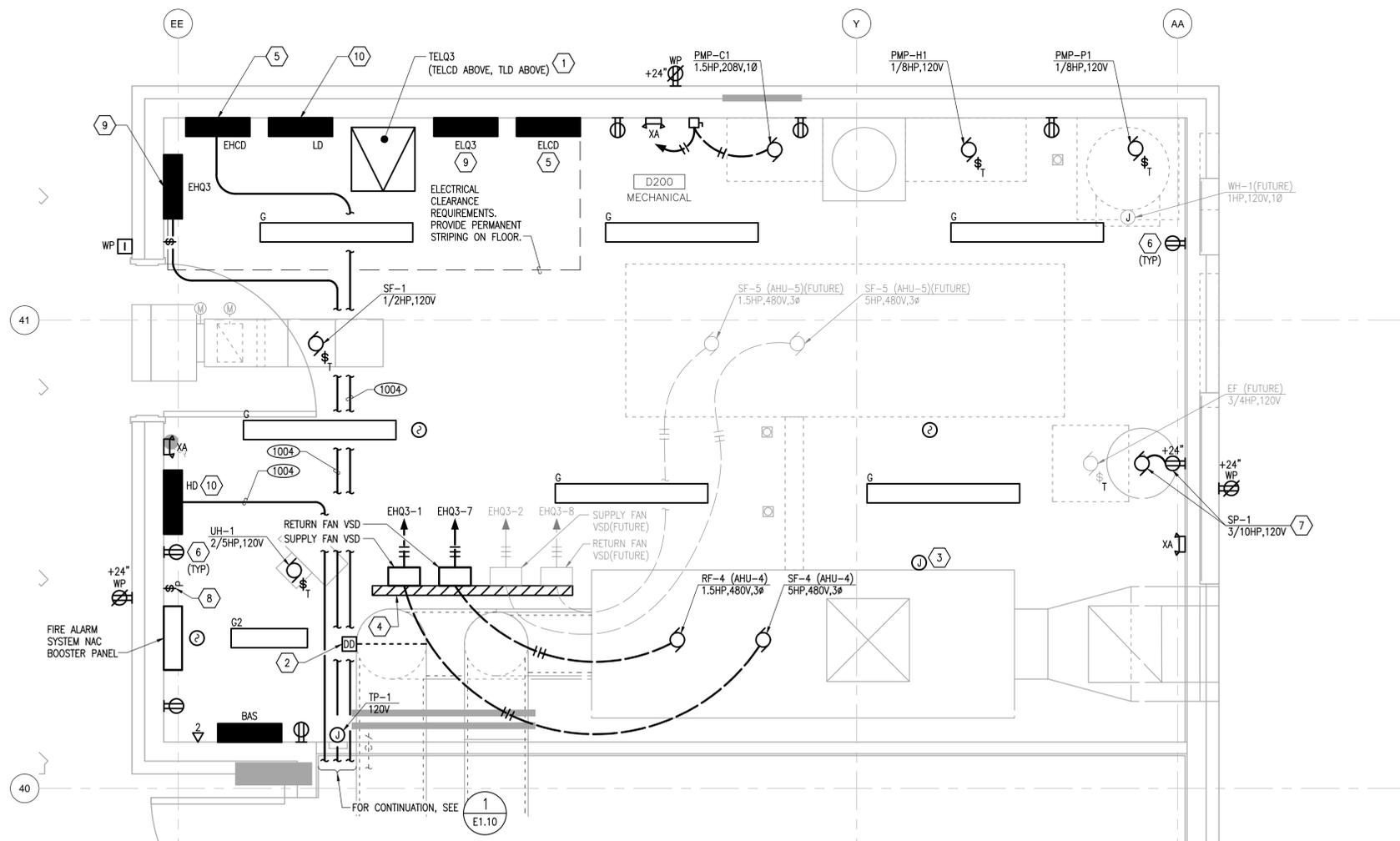
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No.	Description	Date

Drawn by DSD	Date 10/04/2024
Checked KAC	Job No. 23042.01

Sheet Contents  
 FLOOR PLAN - SPECIAL SYSTEMS

Sheet No.  
**E3.03**



- ### SHEET NOTES
- CONSTRUCT UNISTRUT FRAME TO STACK THREE (3) TRANSFORMERS, ONE ABOVE THE OTHER. SUBMIT SOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. REFER TO THE DETAIL ON SHEET E0.04 FOR ADDITIONAL INFORMATION.
  - PROVIDE DUCT DETECTOR IN RETURN AIR PATH OF AIR HANDLER IN ACCORDANCE WITH IMC REQUIREMENTS.
  - CONNECT RECEPTACLE/LIGHTS PROVIDED BY AIR HANDLER MANUFACTURER TO PANEL LD.
  - PROVIDE UNISTRUT MOUNTING RACK FOR MOUNTING OF AIR HANDLER SUPPLY AND RETURN AIR VSDs. CONSTRUCT RACK AND MOUNT VSDs SUCH THAT THEY DON'T IMPEDE CONSTRUCTION OF FUTURE AIR HANDLER UNDER FUTURE PHASE(S).
  - PROVIDE CRITICAL BRANCH BRANCH CIRCUIT PANEL AT LOCATION INDICATED. REFER TO POWER ONE-LINE DIAGRAM ON SHEET E5.02 FOR ADDITIONAL INFORMATION.
  - PROVIDE WALL MOUNTED RECEPTACLE AT LOCATION INDICATED. CONNECT TO THE ELECTRICAL PANEL INDICATED, CIRCUIT AS NOTED.
  - PROVIDE RECEPTACLE FOR CORD AND PLUG CONNECTION OF SEWAGE PUMP SP-1, CIRCUIT AS NOTED.
  - PROVIDE PILOT LIGHTED SWITCH FOR ON/OFF CONTROL OF HEAT TRACE PROVIDED BY PER SHEET NOTE 5 ON SHEET E1.01. CONNECT TO CIRCUIT NOTED.
  - PROVIDE EQUIPMENT BRANCH BRANCH CIRCUIT PANEL AT LOCATION INDICATED. REFER TO POWER ONE-LINE DIAGRAM ON SHEET E5.02 FOR ADDITIONAL INFORMATION.
  - PROVIDE NORMAL BRANCH BRANCH CIRCUIT PANEL AT LOCATION INDICATED. REFER TO POWER ONE-LINE DIAGRAM ON SHEET E5.02 FOR ADDITIONAL INFORMATION.

**ARCHITECTS ALASKA**  
 900 W. 5th Avenue, Suite 403  
 Anchorage, AK, 99501  
 907.272.3567  
 191 E. Swanson Avenue, Suite 203  
 Wasilla, AK, 99554  
 907.373.7503  
 www.architectsalaska.com

**ENGINEERS**  
 www.amc-engineers.com  
 Adams, Morgenthaler & Co., Inc.  
 C.A.N.: AEC0342 - 907.237.3100  
 191 E. Tudor Rd. Suite 250  
 Anchorage, AK 99503

**65% DESIGN DEVELOPMENT**

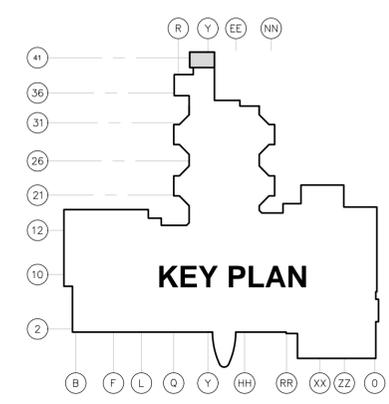
**PROVIDENCE VALDEZ MEDICAL CENTER  
 LONG TERM CARE  
 EXPANSION**  
 911 MEALS AVE, VALDEZ, ALASKA 99686

Revisions		
No.	Description	Date

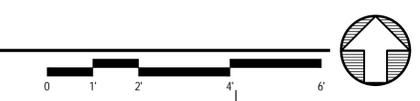
Drawn by DSD	Date 10/04/2024
Checked KAC	Job No. 23042.01

Sheet Contents  
 ENLARGED PLAN -  
 MECH-ELEC ROOM

Sheet No.  
**E4.01**



**1 ENLARGED PLAN - MECHANICAL - ELECTRICAL ROOM**  
 E4.01 SCALE: 1/2" = 1'-0"

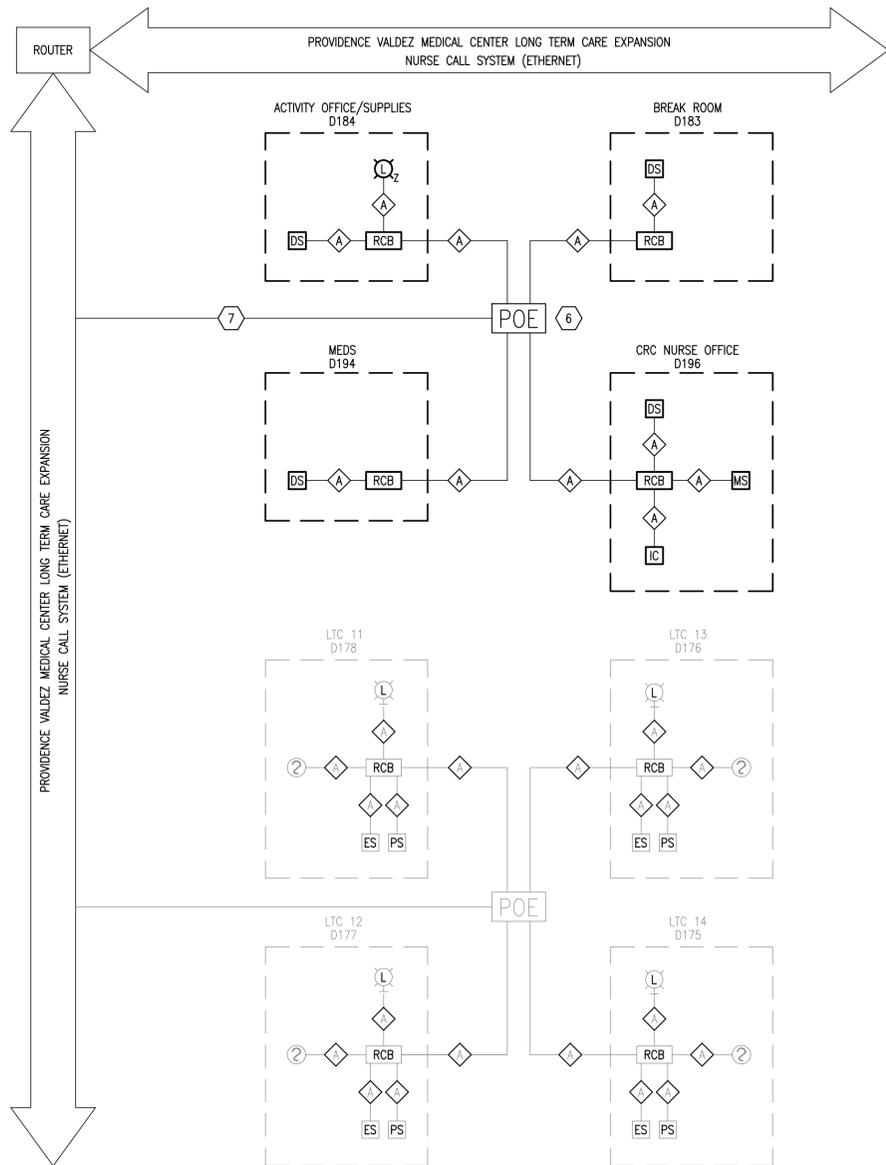


NURSE CALL DEVICE LEGEND	
ES-### - EMERGENCY PULL CORD	N-### - DOME LIGHT
DS-### - DUTY STATION	RCB-### - ROOM CONTROL BOARD
MS-### - MASTER STATION	POE - POE SWITCH
PS-### - PATIENT STATION	

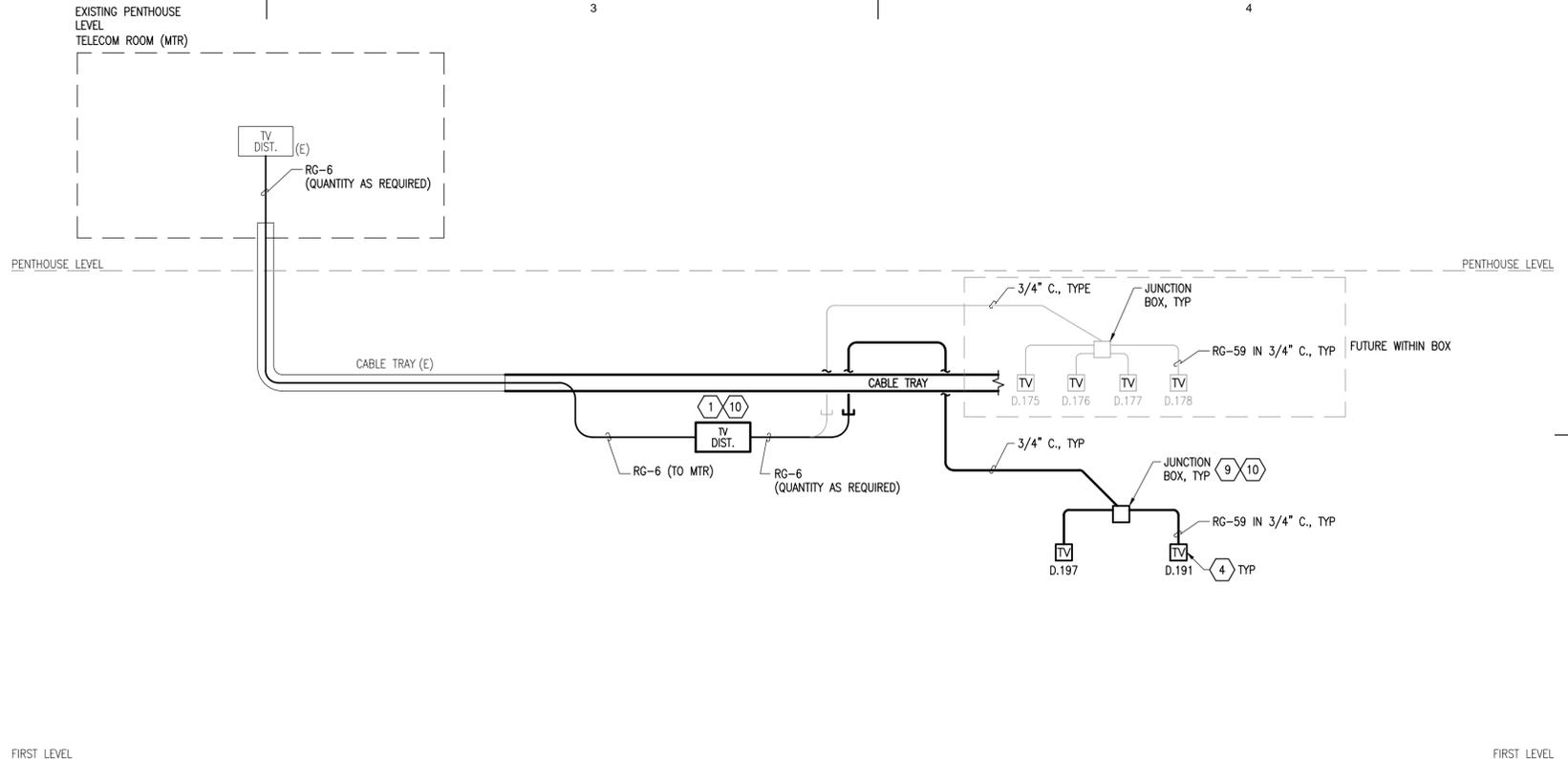
  

CABLE DESCRIPTIONS	
SYMBOL	DESCRIPTION
	CATEGORY 6A CABLE IN ACCORDANCE WITH SPECIFICATIONS

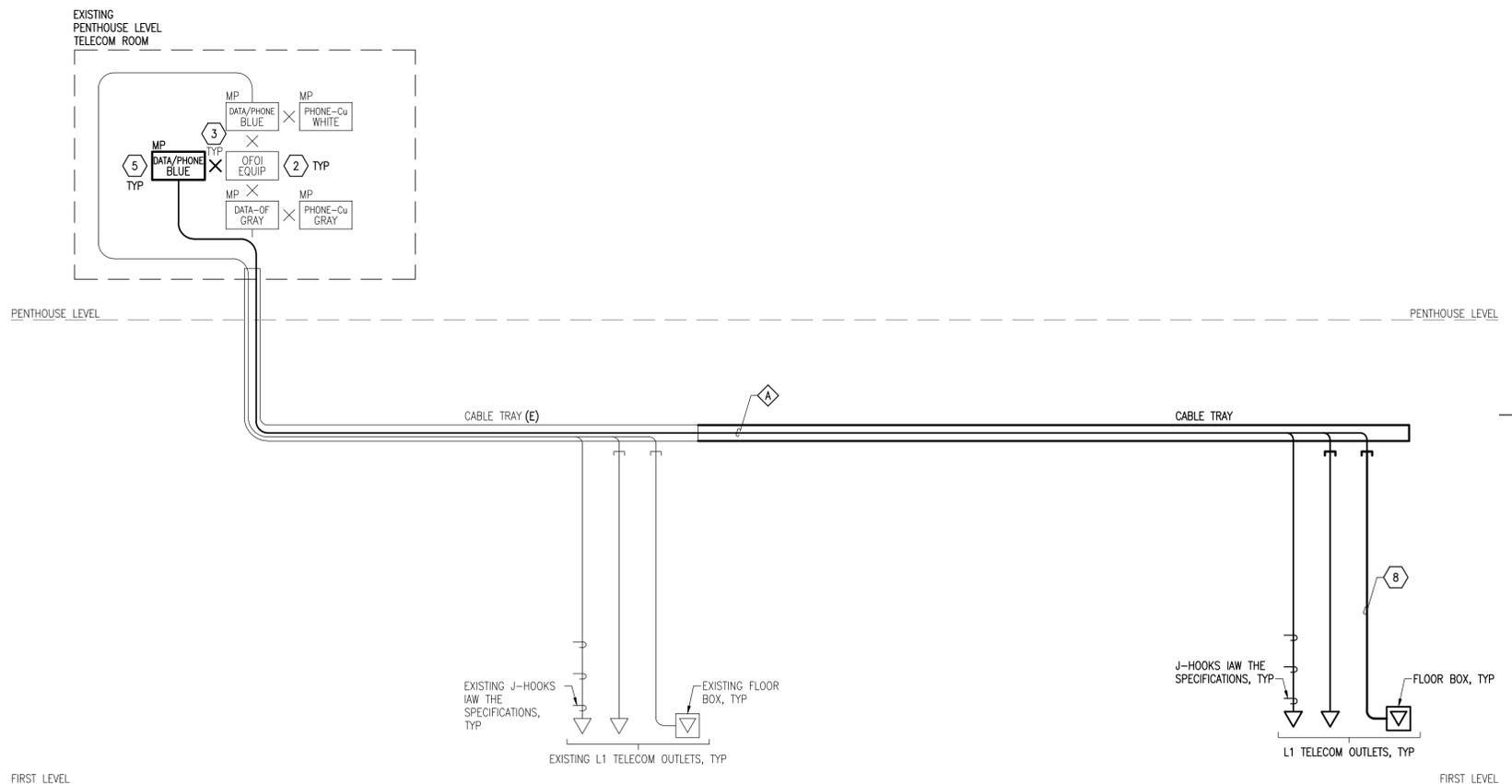
- ### GENERAL NOTES
- EQUIPMENT AND/OR DEVICES INDICATED ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED.
- ### SHEET NOTES
- PROVIDE BROADBAND PASSIVE TV DIRECTIONAL COUPLER TO SPLIT SIGNAL TO ROOMS/AREAS AS INDICATED. MOUNTED DIRECTIONAL COUPLER IN ACCESSIBLE CEILING SPACE ADJACENT TO CABLE TRAY. PROVIDE SUFFICIENT PORTS TO TERMINATE CABLES PROVIDED UNDER THIS CONTRACT.
  - OWNER FURNISHED NETWORK SWITCHES AND RELATED EQUIPMENT.
  - PROVIDE PATCH CORDS AND CONNECT OFOI NETWORK SWITCH.
  - TYPE F COAX CONNECTION WITH ACCOMPANYING TELECOM OUTLET IN ACCORDANCE WITH THE SPECIAL SYSTEMS FLOOR PLAN SHEETS.
  - PROVIDE CATEGORY 6A MODULAR PATCH PANELS FOR TELECOM HORIZONTAL CABLE PATCH PANELS IN SUFFICIENT QUANTITIES TO TERMINATE AND TEST CABLES PROVIDED UNDER THIS CONTRACT.
  - OWNER FURNISHED, CONTRACTOR INSTALLED (OFOI) NETWORK SWITCH.
  - PROVIDE CATEGORY 6A RATED PATCH CORDS TO CROSS CONNECT PATCH PANEL PORT TO OFOI NETWORK SWITCH.
  - ROUTE CONDUIT FROM FLOOR BOX TO CEILING SPACE CONCEALED VIA CONVENIENT ADJACENT WALL.
  - PROVIDE JUNCTION BOX IN CEILING SPACE TO HOUSE 4 PORT DIRECTIONAL COUPLER.
  - PROVIDE RF TERMINATOR ON UNUSED PORTS.



**2 NURSE CALL ONE-LINE DIAGRAM**  
E5.01 SCALE: NONE



**3 CATV DISTRIBUTION ONE-LINE RISER DIAGRAM**  
E5.01 SCALE: NONE



**1 TELECOM ONE-LINE RISER DIAGRAM**  
E5.01 SCALE: NONE

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900 W. 5th Avenue, Suite 403 Anchorage, AK, 99501 907.272.3567  
191 E. Swanson Avenue, Suite 203 Wasilla, AK, 99554 907.373.7503  
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ENGINEERS  
www.amc-engineers.com  
Adams, Morgenthaler & Co., Inc.  
C.A.N.: AECC342 - 907.237.3100  
191 E. Tudor Rd. Suite 250 Anchorage, AK 99503

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© 23320

PROVIDENCE VALDEZ MEDICAL CENTER  
LONG TERM CARE EXPANSION  
911 MEALS AVE, VALDEZ, ALASKA 99686

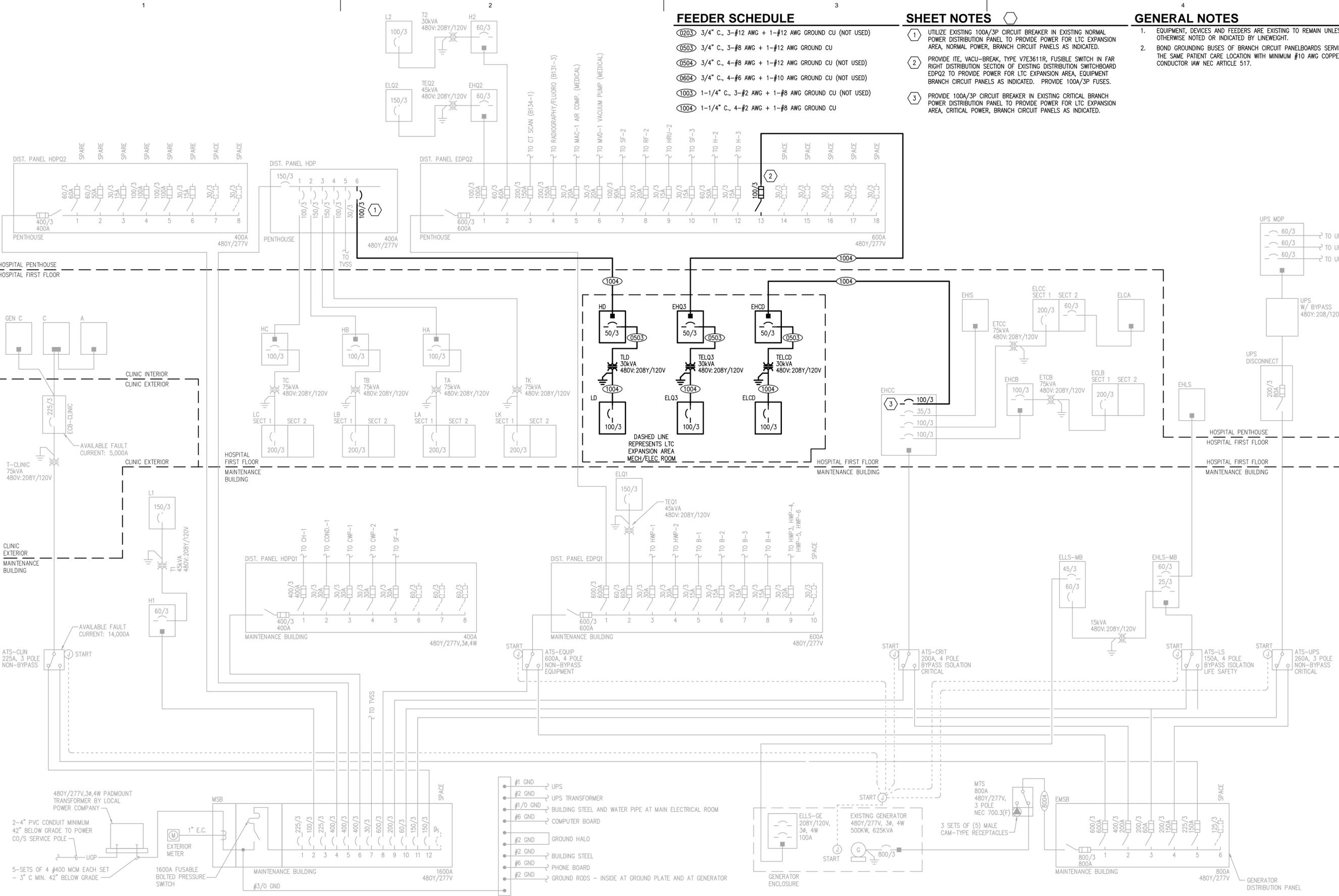
No.	Description	Date

Drawn by DSD	Date 10/04/2024
Checked KAC	Job No. 23042.01

Sheet Contents  
DIAGRAM - TELECOM & NURSE CALL ONE-LINES

Sheet No.  
**E5.01**

Plot Date Time: infer 10/04/2024 11:55 AM  
 X:\23320\_P\MC\TCD\Drawings\Sheet Files\23320 - E5.02.dwg



**FEEDER SCHEDULE**

- 0203 3/4" C., 3-#12 AWG + 1-#12 AWG GROUND CU (NOT USED)
- 0503 3/4" C., 3-#8 AWG + 1-#12 AWG GROUND CU
- 0504 3/4" C., 4-#8 AWG + 1-#12 AWG GROUND CU (NOT USED)
- 0604 3/4" C., 4-#6 AWG + 1-#10 AWG GROUND CU (NOT USED)
- 1003 1-1/4" C., 3-#2 AWG + 1-#8 AWG GROUND CU (NOT USED)
- 1004 1-1/4" C., 4-#2 AWG + 1-#8 AWG GROUND CU

**SHEET NOTES**

- 1 UTILIZE EXISTING 100A/3P CIRCUIT BREAKER IN EXISTING NORMAL POWER DISTRIBUTION PANEL TO PROVIDE POWER FOR LTC EXPANSION AREA, NORMAL POWER, BRANCH CIRCUIT PANELS AS INDICATED.
- 2 PROVIDE ITE, VACU-BREAK, TYPE V7E3611R, FUSIBLE SWITCH IN FAR RIGHT DISTRIBUTION SECTION OF EXISTING DISTRIBUTION SWITCHBOARD EDPQ2 TO PROVIDE POWER FOR LTC EXPANSION AREA, EQUIPMENT BRANCH CIRCUIT PANELS AS INDICATED. PROVIDE 100A/3P FUSES.
- 3 PROVIDE 100A/3P CIRCUIT BREAKER IN EXISTING CRITICAL BRANCH POWER DISTRIBUTION PANEL TO PROVIDE POWER FOR LTC EXPANSION AREA, CRITICAL POWER, BRANCH CIRCUIT PANELS AS INDICATED.

**GENERAL NOTES**

- 1. EQUIPMENT, DEVICES AND FEEDERS ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED OR INDICATED BY LINEWEIGHT.
- 2. BOND GROUNDING BUSES OF BRANCH CIRCUIT PANELBOARDS SERVING THE SAME PATIENT CARE LOCATION WITH MINIMUM #10 AWG COPPER CONDUCTOR IAW NEC ARTICLE 517.

**1 POWER ONE-LINE DIAGRAM**

E5.02 SCALE: NONE

AEC0561

**ARCHITECTS  
ALASKA**

900 W. 5th Avenue, Suite 403  
Anchorage, AK 99501  
907.272.3567

191 E. Swanson Avenue, Suite 203  
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65% DESIGN  
DEVELOPMENT

23320

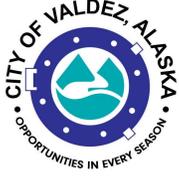
PROVIDENCE VALDEZ MEDICAL CENTER  
LONG TERM CARE  
EXPANSION  
911 MEALS AVE, VALDEZ, ALASKA 99686

Revisions		
No.	Description	Date

Drawn by DSD	Date 10/04/2024
Checked KAC	Job No. 23042.01

Sheet Contents DIAGRAM - POWER ONE-LINE
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Sheet No.  
**E5.02**



## Legislation Text

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**File #:** 24-0433, **Version:** 1

---

**ITEM TITLE:**

Acceptance of Final Plat for Subdivision #24-04 Duck Tail Subdivision Creating Tracts D1, D2 and D3, and Authorization of Mayor's Signature on the Plat to be Recorded.

**SUBMITTED BY:** Paul Nylund - Senior Planner/GIS Technician

**FISCAL NOTES:**

Expenditure Required: N/A

Unencumbered Balance: N/A

Funding Source: N/A

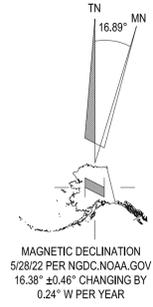
**RECOMMENDATION:**

Accept final plat for Subdivision #24-04, Duck Tail Subdivision. A re-plat of Tract D Duck Marsh Subdivision plat 2001-11, Section 32, Township 8 South, Range 6 West, Copper River Meridian, Alaska. Creating Lots D1, D2, and D3.

**SUMMARY STATEMENT:**

At their regularly scheduled public meeting on October 23rd, 2024, the Planning and Zoning Commission of The City of Valdez approved the final plat of Subdivision #24-04, Duck Tail Subdivision. The purpose of this subdivision is to create separate lots for the new sewer lift station, the Animal Shelter, and the Valdez Food Bank.

The Planning and Zoning Commission serves as the platting authority of the Valdez Recording District and has the final say in approving changes of property boundaries within the City of Valdez. However, since the Duck Tail Subdivision exists on property that is owned by the City, the acceptance of the final plat by the City Council is a part of the procedure required in order to authorize the mayor to sign the final plat on behalf of the City of Valdez.



LOT 2  
SLEEPY HOLLOW ADDITION NO 5  
PLAT 2001-1

LOT 4A  
SLEEPY HOLLOW ADDITION NO 4  
PLAT 2007-8

PIONEER STREET  
STREET CLASSIFICATION MAJOR ROAD

EAST EGAN DRIVE  
STREET CLASSIFICATION MAJOR ROAD

RICHARDSON HIGHWAY  
STREET CLASSIFICATION MAJOR ROAD

PARCEL A-2 USS 635  
LABORERS UNION  
LOT DIVISION  
PLAT 90-12

ORIGINAL MONUMENT DESTROYED  
DURING 2023-24 CONSTRUCTION  
NEW MONUMENT SET AT PREVIOUSLY  
2019 SURVEYED LOCATION

USS 349

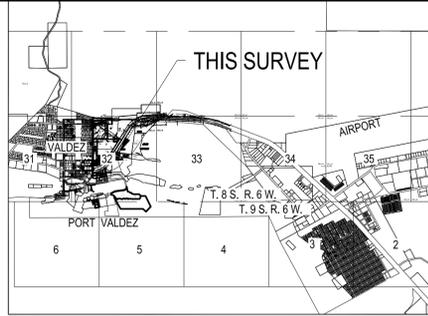
TRACT D1  
23,899.93 SF (0.549 ACRES)

TRACT D2  
24,719.81 SF (0.567 ACRES)

TRACT D3  
28,351.57 SF (0.651 ACRES)

LOT 1  
DUCK MARSH SUBDIVISION  
PLAT 2001-11

LOT 2  
DUCK MARSH SUBDIVISION  
PLAT 2001-11



- LEGEND**
- SET SECONDARY MONUMENT 2" ALU CAP ON REBAR
  - FND PRIMARY MONUMENT
  - FND SECONDARY MONUMENT
  - FND SECONDARY REBAR MONUMENT
  - SURVEYED
  - - - R-O-W
  - - - BOUNDARIES NOT APART OF THIS PLAT
  - - - EASEMENT
  - - - CENTERLINE
  - - - FEMA ZONE LINE
  - (R1) PLAT 2001-11
  - (R2) PLAT 90-10 & 91-10
  - (R3) PLAT 2021-3

- NOTES**
1. THE ERROR OF CLOSURE OF THIS SURVEY DOES NOT EXCEED 1:5000.
  2. BASIS OF BEARING IS FROM HIGH ACCURATE GPS DERIVED USING ALASKA SPC ZONE 3 AND ALL BEARINGS ARE ORIENTED TO NAD 83 A.S.P. ZONE 3.
  3. REF. PLATS: USS 447, 88-2, 90-10, 2001-11, 2007-8 VALDEZ R.D.,
  4. REF. FIELD BOOK: 24-01 PG.
  5. ALL SNOW REMOVAL FROM TRACTS MUST BE IN ACCORDANCE WITH THE CITY OF VALDEZ CURRENT OR FUTURE CODES.
  6. PER VMC 16.24.070 THIS SUBDIVISION FALLS WITHIN TSUNAMI WAVE RUN UP ZONE AND IS IDENTIFIED AND LABELED AS "TIDAL WAVE RUN UP AREA".
  7. THE PROPERTY WITHIN FLOOD ZONE A AS IDENTIFIED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY SHALL BE REQUIRED TO COMPLY WITH FEDERAL REGULATIONS

**CERTIFICATE OF OWNERSHIP AND DEDICATION**

THE CITY OF VALDEZ HEREBY CERTIFIES THAT IT IS THE OWNER OF ALL LOTS, BLOCKS AND RELATED INTERESTS CONTAINED WITHIN DUCK TAIL SUBDIVISION, AS DEPICTED ON THIS PLAT. THE CITY OF VALDEZ APPROVES THIS SURVEY AND PLAT, AND HEREBY DEDICATE OR RESERVE FOR PUBLIC USE, AS DEPICTED ON THE PLAT, ALL EASEMENTS, PUBLIC UTILITY EASEMENTS, AND RIGHTS-OF-WAY AS SHOWN AND DESCRIBED ON THIS PLAT.

DENNIS FLEMMING  
MAYOR, CITY OF VALDEZ  
PO BOX 307  
VALDEZ, AK 99686

DATE

ATTEST:

SHERI PIERCE, MMC, CITY CLERK  
CITY OF VALDEZ, ALASKA

DATE

**TAX CERTIFICATE**

I, SHERI L. PIERCE, CITY CLERK FOR THE CITY OF VALDEZ, ALASKA DO CERTIFY THAT AS CITY-OWNED LAND, THE REAL PROPERTIES AND INTERESTS INCLUDED IN THIS PLAT ARE EXEMPT FROM REAL PROPERTY TAXES.

SHERI PIERCE, MMC, CITY CLERK  
CITY OF VALDEZ, ALASKA

DATE

**PLAT APPROVAL**

I HEREBY CERTIFY THAT THIS PLAT HAS BEEN APPROVED BY THE CITY OF VALDEZ PLANNING AND ZONING COMMISSION FOR RECORDING.

DON HAASE  
CHAIR OF THE PLANNING AND ZONING COMMISSION  
CITY OF VALDEZ, ALASKA

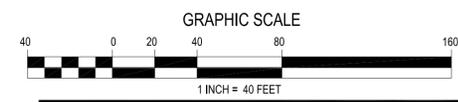
DATE

**SURVEYOR'S CERTIFICATE**

I CERTIFY THAT I AM PROPERLY REGISTERED AND LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF ALASKA, THAT THIS PLAT REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION, THAT THE MONUMENTS SHOWN EXIST AS DESCRIBED, AND THAT ALL DIMENSIONS AND OTHER DETAILS ARE CORRECT.

DATE: \_\_\_\_\_ REGISTRATION No. 8205 S

ALLEN MINISH  
REGISTERED LAND SURVEYOR

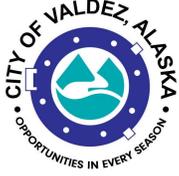


SURVEYOR:  
**WRANGELL MOUNTAIN TECHNICAL SERVICES**  
PO BOX 118, CHITINA, AK 99566 (907) 823-2280

A PLAT OF  
**DUCK TAIL SUBDIVISION**  
CREATING TRACTS D1, D2 AND D3

A RE-PLAT OF  
TRACT D DUCK MARSH SUBDIVISION PLAT 2001-11  
SECTION 32, TOWNSHIP 8 SOUTH, RANGE 6 WEST  
COPPER RIVER MERIDIAN, ALASKA  
CONTAINING ±76,951.44 FT² (±1.786 ACRES)  
VALDEZ RECORDING DISTRICT, ALASKA

DRAWN BY: ADM	DATE OF SURVEY: 10/12/24	START: 2024	END: 2024	WMTS PROJECT # 24031
CHECKED BY: COV/ADM	DATE: 10/12/24	SCALE: 1" = 40'	DRAWING NAME: EAST OF HAZELET	



## Legislation Text

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**File #:** 24-0434, **Version:** 1

---

**ITEM TITLE:**

Approval of Professional Service Agreement with Bettisworth North Architects & Planners Inc. for Child Care Facility Design in the Amount of \$395,036

**SUBMITTED BY:** Nathan Duval, Assistant City Manager / Capital Facilities Director

**FISCAL NOTES:**

Expenditure Required: \$395,036.00

Unencumbered Balance: \$400,000.00

Funding Source: 310-3340-58000

**RECOMMENDATION:**

Approve Professional Service Agreement with Bettisworth North Architects & Planners Inc. for Child Care Facility Design in the amount of \$395,036

**SUMMARY STATEMENT:**

In March 2024 the City issued a Request for Qualifications and Bettisworth North was selected to perform a site analysis and provide corresponding design for a potential child care facility in Valdez.

Following the site analysis process, the City Council work sessions (9/3 & 10/1), and subsequent action item on 10/1/2024, Bettisworth North provided a fee proposal for the design of a child care facility in the west wing of Hermon Hutchens Elementary. Prior to actual design, the consultants will work with the Council and the School Board on evaluating the existing facility and student population impacts.

General tasks for the contract include but are not limited to:

- Programming and Student Capacity Study
- 50%, 95%, & 100% design documents
- Hazmat Survey
- Contractor coordination

During the Project's work session it was proposed to use available funds from Council Contingency Reserve to fund the design effort.

Additional funds will be required once the design advances to construction.



**City of Valdez  
Agreement for Professional Services**

THIS AGREEMENT between the CITY OF VALDEZ, ALASKA, (“City”) and BETTISWORTH NORTH ARCHITECTS AND PLANNERS INC.(“Consultant”) is effective on the \_day of \_\_\_\_\_, 20\_\_.

All work under this agreement shall be referred to by the following:

**Project: Child Care Facility Design  
Project No: 24-310-3340  
Contract No.: 2284  
Cost Code: 310-3340-58000**

Consultant’s project manager under this agreement is David Popiel.

Consultant’s project manager may not be changed without the written consent of the City.

City’s project manager is Nathan Duval.

**ARTICLE 1. Scope of Work**

1.1 The scope of work to be performed hereunder is more completely described in Appendix A which is incorporated herein by reference.

**ARTICLE 2. Compensation**

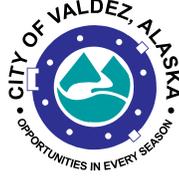
2.1 Compensation shall be paid in accordance with the Basis of Compensation Schedule attached hereto as Appendix B and incorporated herein by reference in an amount not to exceed \$395,036.00.

**ARTICLE 3. Period of Performance**

3.1 The Consultant agrees to commence work under this agreement only as authorized by and in accordance with written notice to proceed and to complete the work in accordance with the Scope of Work (Appendix A).

3.2 The period of performance under this agreement shall end and Consultant shall have completed all work under this agreement within 360 days of the written Notice to Proceed. Work shall proceed in accordance with the schedule set forth in Appendix A.

**Agreement for Professional Services**  
**Project: Child Care Facility Design**  
**Project No. 24-310-3340**  
**Contract No. 2284**  
**Cost Code: 310-3340-58000**



**ARTICLE 4. Subconsultants**

4.1 The Consultant shall be responsible for the performance of all services required under this agreement.

**ARTICLE 5. Insurance**

5.1 In accordance with the provision contained in the General Conditions (Appendix C), the following minimum limits of insurance coverage are required:

<u>Type of Insurance</u>	<u>Limits of Liability</u>	
	<u>Each Occurrence</u>	<u>Aggregate</u>
Workers' Compensation	Statutory	Statutory
Employers' General	\$ 100,000	\$ 300,000
Commercial General Liability*	\$1,000,000	\$2,000,000
Comprehensive Automobile Liability	\$ 100,000	\$ 300,000
Professional Liability*	\$1,000,000	\$2,000,000

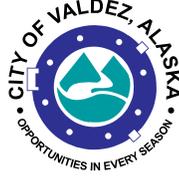
\*(including Broad Form Property Damage Coverage and Completed Operations Coverage)

**ARTICLE 6. Appendices**

6.1 The following appendices are attached to this agreement and incorporated herein:

<u>Appendix</u>	<u>Title</u>
A	Scope of Work
B	Basis of Compensation
C	General Conditions

Agreement for Professional Services  
Project: Child Care Facility Design  
Project No. 24-310-3340  
Contract No. 2284  
Cost Code: 310-3340-58000



IN WITNESS WHEREOF, the parties to this presence have executed this CONTRACT in two (2) counterparts, each of which shall be deemed an original, in the year and day first mentioned above.

BETTISWORTH NORTH ARCHITECTS  
AND PLANNERS INC.

**CITY OF VALDEZ, ALASKA  
APPROVED:**

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Dennis Fleming, Mayor

\_\_\_\_\_  
Printed name

Date: \_\_\_\_\_

Date: \_\_\_\_\_

**ATTEST:**

Title: \_\_\_\_\_

\_\_\_\_\_  
Sheri L. Pierce, MMC, City Clerk

FEDERAL ID #: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_  
Mailing Address

\_\_\_\_\_  
John Douglas, City Manager

\_\_\_\_\_  
City, State, Zip Code

Date: \_\_\_\_\_

**RECOMMENDED:**

\_\_\_\_\_  
Signature of Company Secretary or Attest

\_\_\_\_\_  
Nathan Duval, Capital Facilities Director

Date: \_\_\_\_\_

Date: \_\_\_\_\_

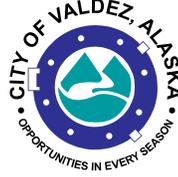
**APPROVED AS TO FORM:**

Brena, Bell & Walker, P.C.

\_\_\_\_\_  
Jon S. Wakeland

Date: \_\_\_\_\_

Agreement for Professional Services  
Project: Child Care Facility Design  
Project No. 24-310-3340  
Contract No. 2284  
Cost Code: 310-3340-58000



## **Appendix A Scope of Work**

### **BASIC SERVICES**

Provide all professional services necessary to provide the City of Valdez:

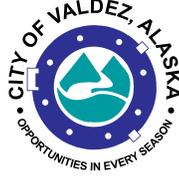
- Programming and Student Capacity Study
- 50%, 95%, & 100% design documents
- Hazmat Survey
- Contractor coordination

The scope of work is more specifically described in the attached proposal dated October 26, 2024 which is incorporated herein by reference. Where any provisions of the attached proposal conflict with the provisions of the General Conditions under Appendix C, the latter shall govern this agreement.

## **Appendix B Basis of Compensation**

On completion of work and submission of invoices, the City shall pay to Consultant the compensation as follows:

Payment shall be made based on the proposed fee and shall not exceed \$395,036.00 per the proposal attached to Appendix A of this Agreement, without prior authorization by the City as required in Section V of the General Conditions (Appendix C).



## Appendix C General Conditions

### I. Definitions:

Basic Services: The identified work elements set forth in this Agreement for which the Consultant will receive prime compensation.

Change: An addition to, or reduction of, or other revision in the scope, complexity, character, or duration of the services or other provisions of this Agreement.

City's Project Manager: City's representative in charge of the project(s) and the consultant's primary point of contact for notice(s) to proceed, invoices, correspondence and interface with the City.

Consultant's Project Manager: The Consultant's representative in charge of the project(s) who is directly responsible and engaged in performing the required services.

Extra Services: Any services or actions required of the Consultant above and beyond provisions of this Agreement.

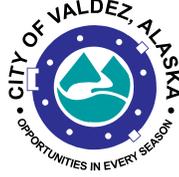
Funding Agency(s): The agency(s) of the federal, state or municipal government which furnishes funds for the Consultant's compensation under this Agreement.

Optional Services: Identifiable and/or indeterminate work elements set forth in this Agreement, which are separate and distinct from those covered by the prime compensation, which the City has the option to authorize.

Prime Compensation: The dollar amount paid to the Consultant for basic services set forth in this Agreement. Prime compensation does not include payment for any optional or extra services.

Scope of Work: Basic and optional services required of the Consultant by provisions of this Agreement.

Subconsultant: Any person, firm, corporation, joint venture, partnership or other entity engaged through or by Consultant.



II. Information and Services from Others:

Provisions of information, data, budget, standards, and other materials by the City do not warrant their accuracy or quality nor provide approval of omissions or oversights or of any non-compliance with applicable regulation.

The City may, at its election, or in response to a request from the Consultant, furnish information or services from other Consultants. If, in the Consultant's opinion, such information or services are inadequate, the Consultant must notify the City of the specific service or material deemed inadequate and the extent of the inadequacy prior to use in the performance of this Agreement. Unless so notified by the Consultant, the City may assume the information or services provided are adequate.

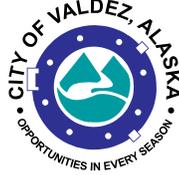
III. Indemnification

To the fullest extent permitted by law, the Consultant shall indemnify, defend, and hold harmless the City from and against any claim of, or damages, losses, expenses and liability (including but not limited to fees and charges of engineers, architects, attorneys, and other professionals, and court, mediation and/or arbitration costs) for negligent acts, errors, and omissions of the Consultant, Subconsultant, persons or organizations directly or indirectly employed or engaged by Consultant or Subconsultant under this Agreement. The Consultant is not required to indemnify, defend, or hold harmless the City for a claim of, or liability for the independent negligent acts, errors, and omissions of the City. If there is a claim of, or liability for a joint negligent act, error, or omission of the Consultant and the City, the indemnification, defense, and hold harmless obligation of this provision shall be apportioned on a comparative fault basis. In this provision, "Consultant" and "City" include the employees, agents, and contractors who are directly responsible, respectively, to each. In this provision, "independent negligent acts, errors, and omissions" means negligence other than in the City's selection, administration, monitoring, or controlling of the Consultant, or in approving or accepting the Consultant's work.

IV. Insurance:

All of the insurance coverages listed in Article 5 shall be purchased by the Consultant. The City shall be made an additional insured on the Consultants Commercial General Liability policy in connection with the activities related to this contract. The Consultant shall purchase and maintain the Article 5 insurance coverages with limits not less than those specified for the duration of the Agreement. The professional liability insurance shall be maintained in force for one year following the date of final payment for the work performed herein. The amount of the contract may be renegotiated if the insurance premiums for the following year are raised over those in force when the contract was let. Should the professional liability insurance become unavailable during the one-year period following the date of final payment, the insurance coverage may be renegotiated between the owner and the Consultant.

Agreement for Professional Services  
Project: Child Care Facility Design  
Project No. 24-310-3340  
Contract No. 2284  
Cost Code: 310-3340-58000



Insurance coverage shall provide for negligent acts, errors or omissions which the Consultant, employees of the Consultant or Subconsultant may make which produce loss or liability to the Owner and for the protection against loss which results from reliance on the Consultant's products, reports or a combination thereof. Failure to comply with the provision for maintaining the insurance in effect for one year following the date of final payment may be cause for the Owner to refrain from dealing with the Consultant in the future.

V. Payments:

The City shall pay to the Consultant the amount of any changes in the cost of insurance that are attributable to the Scope of Work created by change orders.

Payments shall be made in accordance with Appendix B. Consultant shall submit progress invoices to City in duplicate showing the itemized services performed during the invoice period and the charges therefore.

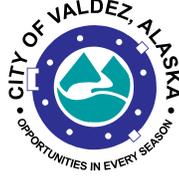
All progress invoices shall be prepared as a percentage of the work is completed except contracts performed on "time and expenses" basis which invoiced amounts shall not exceed the actual charges to the invoice date.

Under no circumstances will City pay for charges in excess of any lump-sum or not-to-exceed contract amount incurred prior to written authorization by City for an increase in the contract amount. Written request for an increase in the contract amount shall be given to City with sufficient notice to allow City to issue formal approval prior to the incurring of excess charges without delay to the work.

On "time and expenses" contract amounts, compensation for work included in the Scope of Work shall be for direct labor costs and the actual cost of reimbursable expenses. Direct labor costs shall be as shown on the current Standard Labor Rates for the Consultant, a copy of which is attached as Appendix D, times a factor of n/a, for services rendered by principals and employees of the firm. Reimbursable expenses mean the actual expenses incurred directly or indirectly in connection with the Project for: transportation and subsistence incidental thereto; obtaining bids or proposals from contractor(s); furnishing and maintaining field office facilities; toll telephone calls and telegrams; reproduction of reports, drawings, specifications, and similar project-related items and, if authorized in advance by City, overtime work requiring higher than regular rates. Reimbursable expenses shall also include the amount billed to Consultant by Subconsultant employed by consultant for such Subconsultants' services and reimbursable expenses times a factor of 1.05.

The sum of payments shall not exceed the allowable compensation stated in this Agreement. In the event items on an invoice are disputed, payment on those items will be withheld until the dispute is resolved.

Agreement for Professional Services  
Project: Child Care Facility Design  
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The Consultant shall submit a final invoice and required documentation for services authorized by each Notice to Proceed within Ninety (90) days after final acceptance by the City. The City will not be held liable for payment of invoices submitted after this time unless prior written approval has been given.

VI. Changes:

Changes in the Scope of Work or of services may only be made by written amendment signed by both City and Consultant.

If at any time the City through its authorized representatives, either orally or in writing, requests or issues instructions for extra services or otherwise directs actions that conflict with any provisions of this Agreement, the Consultant shall, within ten (10) days of receipt and prior to pursuing such instructions, notify the City in writing, and to the extent possible, describe the scope and estimated cost of any extra services. Unless so notified by the Consultant, the City may assume such instructions have not changed any provisions of this Agreement nor require additional compensation. No additional payments shall be made to the Consultant without such notice.

VII. Audits and Records:

The Consultant shall maintain records of all performances, communications, documents, and correspondence pertinent to this Agreement, and the City or its authorized representatives shall have the right to examine such records and accounting procedures and practices.

The materials described in the Article shall be made available at the business office of the Consultant, at all reasonable times, for inspection, audit or reproduction by City or any funding agency, for a minimum of three years from the date (a) of final payment under this Agreement (b) final payment upon claims or disputes, and for such longer period, if any, as may be required by applicable statute or other provisions of this Agreement.

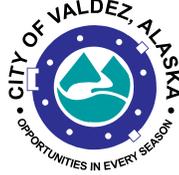
VIII. Inspections:

The City, or any funding agency, has the right to inspect, in the manner and at reasonable times it considers appropriate during the period of this Agreement, all facilities, materials and activities of the Consultant in the performance of this Agreement.

IX. Termination or Suspension:

This Agreement may be terminated by either party upon ten (10) days' written notice if the other party fails substantially to perform in accordance with its terms through no fault of the party initiating the termination (default termination). If the City terminates this

Agreement for Professional Services  
Project: Child Care Facility Design  
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Agreement, the City will pay the Consultant a sum equal to the percentage of work completed that can be substantiated by the Consultant and the City. If the City becomes aware of any fault or defect in the work of the Consultant or nonconformance with this Agreement, the City will give prompt written notice thereof to the Consultant. Should the Consultant's services remain in nonconformance with this Agreement, the percentage of total compensation attributable to the nonconforming work may be withheld.

The City at any time may terminate (convenience termination) or suspend this Agreement for its own needs or convenience. In the event of a convenience termination or suspension for more than three months, the Consultant will be compensated for authorized services and authorized expenditures performed to the date of receipt of written notice of termination plus reasonable termination expenses. NO fee or other compensation for the uncompleted portion of the services will be paid, except for already incurred indirect costs which the Consultant can establish and which would have been compensated for over the life of this Agreement, but because of the convenience termination would have to be absorbed by the Consultant without further compensation.

If state or federal funds support this Agreement, settlement in the event of default or convenience termination must be approved by the City and any appropriate state or federal agency.

X. Officials Not to Benefit:

No member of or delegate to Congress, United States Commissioner or other officials of federal, state or local government shall be admitted to any share or part of this Agreement or any benefit to arise therefrom. The Consultant warrants that it has not employed or retained any organization or person, other than a bona fide employee working for the Consultant, to solicit or secure this Agreement and that it has not paid or agreed to pay any consideration contingent upon or resulting from this Agreement.

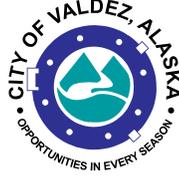
XI. Independent Consultant:

Except in those instances specifically provided for herein, the Consultant and any of its agents and employees shall act in an independent capacity and not as agents of the City in the performance of the Agreement.

XII. Ownership of Work Products:

Work products produced under this Agreement, except items that have preexisting copyrights, are the property of the City. Payments to the Consultant for services hereunder include full compensation for all work products, field notes, interim work, reports, and other materials produced by the Consultant and its Subconsultants pertaining to this Agreement. Any re-use the City might make of these work products shall be at the City's own risk and the

**Agreement for Professional Services**  
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Consultant shall not incur any liability for the City's re-use of the work products on any project for which they were not intended.

XIII. Subconsultants, Successors and Assigns:

The City must concur in the selection of all Subconsultants for professional services to be engaged in performance of this Agreement.

As soon as practicable after the award of the contract, the Consultant shall furnish to the City in writing the names of the proposed Subconsultants for each of the principal portions of the work. The City shall promptly notify the Consultant if it has reasonable objection to any of the proposed Subconsultants. Failure of the City to give prompt notification shall constitute notice of no reasonable objection. The Consultant shall not contract with any Subconsultant to whom the City has made reasonable objection.

If this Agreement includes named firms or individuals, then such firms or individuals shall be employed for the designated services, unless the Agreement is changed by amendment.

The Consultant shall not assign, sublet or transfer any interest in this Agreement without the prior written consent of the City.

The Consultant binds itself, its partners, its Subconsultants, assigns and legal representatives to this Agreement and to the successors, assigns and legal representatives of the City with respect to all covenants of this Agreement.

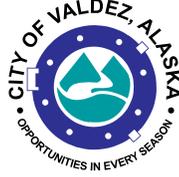
The Consultant shall include provisions appropriate to effectuate the purposes of this Appendix C in all subcontracts executed to perform services under this Agreement in which subcontract amount exceeds \$40,000.

XIV. Claims and Disputes:

If the Consultant becomes aware, or reasonably should have become aware of any act or occurrence which may form the basis of a claim, the consultant shall immediately inform the City's Project Manager. If the matter cannot be resolved within seven (7) days, the Consultant shall within the next fourteen (14) days submit written notice of the facts which may form the basis of the claim.

In addition, all claims by the Consultant for additional compensation or an extension of the time for performance of any dispute regarding a question of fact or interpretation of this Agreement shall be presented in writing by the Consultant to the City's Project Manager within the next sixty (60) days unless the Project Manager agrees in writing to an extension of time for good cause shown. Good cause shown includes time for the Consultant to prepare the claim, and the City's Project Manager will grant an extension of not more than

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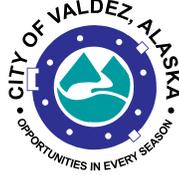


sixty (60) days for preparation of the claim. The Consultant agrees that unless these written notices are provided, the Consultant shall not be entitled to additional time or compensation for such act, event or condition. The Consultant shall in any case continue diligent performance under this Agreement. The Consultant shall in any case continue to expeditiously accomplish disputed services pending future resolution of the Consultant's claim unless notified by the City to stop work on the disputed matter.

In presenting any claim, the Consultant shall specifically include, to the extent then possible, the following:

- The provisions of this Agreement that apply to the claim and under which it is made.
- The specific relief requested including any additional compensation claimed and the basis upon which it was calculated and/or the additional time requested and the basis upon which it was calculated.
- The claim will be acknowledged in writing by the City's Project Manager. If the claim is not disposed of within sixty (60) days of acknowledgement, provided additional time is not granted in writing by the City's Contract Officer, the claim will be decided by the City's Contract Officer. The Contract Officer reserves the right to make a written request to the Consultant at any time for additional information that the Consultant may possess to support the claims(s). The Consultant agrees to provide the City such additional information within thirty (30) days of receipt for such a request. The City's Contract Officer will allow a reasonable time extension for good cause if presented in writing prior to the expiration of the thirty (30) days. Failure to furnish such additional information constitutes a waiver of claim.
- The Consultant will be furnished a written, signed copy of the Contract Officer's decision within ninety (90) days of receipt of all necessary information from the Contractor upon which to base the decision. The Contract Officer's decision is final and conclusive unless, within thirty (30) days of receipt of the decision, the Consultant delivers a notice of appeal to the City Manager. The notice of appeal shall include specific exceptions to the City's decision including specific provision of this Agreement which the Consultant intends to rely upon on appeal. General assertions that the City's decision is contrary to law or to fact are not sufficient.
- The decision of the City Manager will be rendered within 120 days of notice of appeal and the decision constitutes the exhaustion of contractual and administrative remedies.

**Agreement for Professional Services**  
**Project: Child Care Facility Design**  
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All of the insurance coverages listed in Article 5 shall be purchased by the Consultant. The City shall be made an additional insured on the Consultants Commercial General Liability policy in connection with the activities related to this contract. The Consultant shall purchase and maintain the Article 5 insurance coverages with limits not less than those specified for the duration of the Agreement. The professional liability insurance shall be maintained in force for one year following the date of final payment for the work performed herein. The amount of the contract may be renegotiated if the insurance premiums for the following year are raised over those in force when the contract was let. Should the professional liability insurance become unavailable during the one year period following the date of final payment, the insurance coverage may be renegotiated between the owner and the Consultant. Insurance coverage shall provide for negligent acts, errors or omissions which the Consultant, employees of the Consultant or Subconsultant may make which produce loss or liability to the Owner and for the protection against loss which results from reliance on the Consultant's products, reports or a combination thereof. Failure to comply with the provision for maintaining the insurance in effect for one year following the date of final payment may be cause for the Owner to refrain from dealing with the Consultant in the future.

XV. Extent of Agreement:

This Agreement, including appendices, represents the entire and integrated Agreement between the City and the Consultant and supersedes all prior negotiations, representations or agreements, either written or oral.

Nothing contained herein may be deemed to create any contractual relationship between the City and any Subconsultants or material suppliers; nor may anything contained herein be deemed to give any third party a claim or right of action against the City or the Consultant that does not otherwise exist without regard to this Agreement.

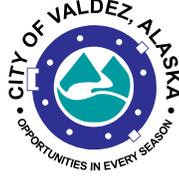
This Agreement may be changed only by written amendment executed by both the City and the Consultant.

All communications that affect this Agreement must be made or confirmed in writing.

The Consultant receiving final payment will execute a release, if required, relinquishing in full all claims against the City arising out of or by reason of the services and work products furnished under this Agreement.

The Consultant shall pay all federal, state and local taxes incurred by the Consultant and shall require payment of such taxes by any Subconsultant or any other persons in the performance of this Agreement.

**Agreement for Professional Services**  
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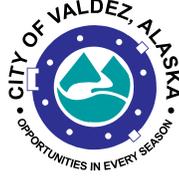
XVI. Governing Laws:

This Agreement is governed by the laws of the State of Alaska and such federal and local laws and ordinances as are applicable to work performed. Any litigation arising out of the terms of this Agreement shall be brought in the Third Judicial District, Superior or District Court at Valdez.

XVII. Minimum Wages:

Minimum wages as determined by the Department of Labor shall be paid to all persons performing work on this Contract.

Agreement for Professional Services  
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**City of Valdez**  
**Contract Release Page 1 of 2**

The undersigned, \_\_\_\_\_ for itself, its owners, partners, successors in interest, assigns trustees, administrators, subcontractors, suppliers, and laborers do hereby release and forever discharge the CITY OF VALDEZ, ALASKA a municipal corporation, as set forth herein related to or arising out of the following described contract (“Contract”):

**Project: Child Care Facility Design**  
**Project Number: / Contract Number: 2284**

The undersigned hereby acknowledges receipt of the amount of \$ \_\_\_\_\_ as full and final payment in consideration for all services, materials and labors rendered in connection with the Contract.

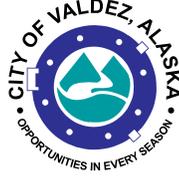
The undersigned hereby waives and releases any right or claim of lien, any state or federal statutory bond right, any private bond right, any claim for payment under the Contract, and any rights under any similar ordinance, rule, or statute related to claim or payment rights for itself, its owners, directors, officers, its successors in interest, assigns, agents, attorneys, trustees, administrators, subcontractors, suppliers, and laborers.

The undersigned certifies that no amounts payable under the Contract have been assigned to anyone.

The undersigned agrees that this Release is not executed as a result of financial disadvantage. No promise or inducement has been offered or made except as set forth in the above Contract. Accordingly, the undersigned voluntarily waives any and all rights to void this Release or any of its provisions, due to economic or business distress and/or compulsion. The undersigned represents that it is familiar with and has had the opportunity for its attorneys to explain the meaning of decisions of the Alaska Supreme Court applicable to this Release including, but not limited to, *Petroleum Sales, Ltd. v. Mapco of Alaska, Inc.*, 687 P.2d 923 (Alaska 1984); *Totem Marine T. & B. v. Alyeska Pipeline, et. al.*, 584 P.2d 15 (Alaska 1978); and *Witt v. Watkins*, 579 P.2d 1065 (Alaska 1978).

The undersigned hereby declares that the terms of this Release have been completely read and are fully understood, and said terms are voluntarily accepted for the purpose of making a full and final release of any and all payment claims, disputed or otherwise, arising under or by virtue of the Contract. The undersigned represents and warrants that it has the full and complete legal authority to enter into this Release, that the individuals executing this Release have the legal authority to do so, and that this Release shall be binding and enforceable upon it and its representatives, successors, and assigns, in accordance with its terms upon execution. The signature of the undersigned is an acknowledgement that the person signing has the authority to bind the party to this Release.

Agreement for Professional Services  
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**City of Valdez**  
**Contract Release Page 2 of 2**

IN WITNESS WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
COMPANY

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
TITLE

STATE OF ALASKA                    )  
  )ss.  
THIRD JUDICIAL DISTRICT        )

THIS IS TO CERTIFY that on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me, Notary Public in and for the State of Alaska, personally appeared \_\_\_\_\_ of \_\_\_\_\_, known to me to be its \_\_\_\_\_ and acknowledged to me that he has read this foregoing RELEASE and knew contents thereof to be true and correct to the best of his knowledge and belief, and that he signed the same freely and voluntarily for the uses and purposes therein mentioned, and that he was duly authorized to execute the foregoing document according to the Bylaws or by Resolutions of said corporation.

WITNESS my hand and notarial seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Notary Public in and for Alaska

My Commission expires: \_\_\_\_\_

**Date:** October 26, 2024  
**To:** Nathan Duval, Capital Facilities Manager, City of Valdez  
**From:** David Popiel  
**Project No.:** 24-CC-001 (CoV), 24-121 (BNAP)  
**Subject:** Valdez Childcare: Programming & Design Documents - Fee Proposal

Nathan,

We are excited for the opportunity to continue work with the City of Valdez on a new childcare facility. In the notes below, I have outlined the project scope, preliminary project schedule, and our design team's proposed fee.

### **Project Scope**

Design drawings for new childcare facility in Hermon Hutchen Elementary School (HHES) and programming and student capacity study for overall facility.

- Programming & Student Capacity Study
  - Generate programming plans for Hermon Hutchens Elementary School showing revisions to the existing classroom layouts necessary to accommodate the proposed childcare facility.
  - Overall analysis of identifying student capacity of HHES prior to and after inclusion of childcare programming in building.
  - Deliverable: Report summarizing the proposed reconfiguration of HHES and student capacity analysis for review by City project team, City Council, and School Board
- Design Document Development
  - Design Document development with milestone deliverables of 50% Design Documents, 95% Documents, and Construction Documents.
  - Design documents to include details drawings and specifications for new childcare facility and any associated reconfiguration of existing school spaces.

### **Project Schedule**

The preliminary project schedule is included as an attachment to the fee proposal.

### **Project Fee Proposal**

The design services are proposed as lump sum, separated into design document deliverable phases. Fee proposal is valid 60 days from issuance.

- Programming & Student Capacity Study: \$37,100
- 50% Design Documents: \$153,472
- 95% Design Documents: \$127,457
- Construction Documents: \$77,007
- **Design Services Fee Total** **\$395,036**

**Assumptions and Exclusions**

- Assumption: Owner to provide documentation of existing facilities.
- Assumption: Owner to regularly engage in programming and design for existing facilities.
- Assumption: Owner to facilitate and help coordinate project meetings with outside bodies including School Board.
- Assumption: Project delivery method to be Design-Assist with selected general contractor brought on to project at 50% Design Documents.
- Assumption: For site inspections during the school year, Hermon Hutchens will be available to design team after hours.
- Assumption: City to provide transport to and from airport and project site. Intent is to not require consultants to rent cars during site visits and inspections.
- Exclusions: Bidding or construction administration work. If project proceeds to bidding and construction, separate fee proposals will be provided to the City for review.
- Exclusion: Hazardous material investigations
- Exclusion: Legal documentation of existing sites including but not limited to boundary surveys, property lines, and property ownership.
- Exclusion: Geotechnical investigation

Thank you again for involving us in the project, we are excited to work with the City to develop a solution to the need for childcare.

Sincerely,




David Popiel, AIA  
Senior Architect

Attachments: Preliminary Project Schedule, Fee Proposal Detail



Bettisworth North Architects and Planners  
 Professional Services Fee Proposal  
 Date: October 9, 2024

**Owner:** City of Valdez  
**Project:** Childcare Programming & Design Documents  
**Phases:** Programming, 50% Docs, 95% Docs, CD's

**Professional Services Summary**

Fee Scope	Fee Type	Bettisworth North Architects and Planners			Subconsultants	Markups	Totals by Phase
		Investigative Services	Design Services	Bidding and Construction Services	Consultants Fees		
Programming & Student Capacity	Lump Sum	\$29,674			\$6,623	\$803	\$37,100
50% Design Documents	Lump Sum		\$69,419		\$76,284	\$7,769	\$153,472
95% Design Documents	Lump Sum		\$51,670		\$68,897	\$6,890	\$127,457
Construction Documents	Lump Sum		\$52,400		\$22,370	\$2,237	\$77,007
<b>Sub Total Design Fee</b>		<b>\$29,674</b>	<b>\$173,489</b>		<b>\$174,174</b>	<b>\$17,699</b>	<b>\$395,036</b>

**Professional Services Fees and Direct Costs**

<b>BN</b>							<b>\$203,163</b>
<b>Subconsultants</b>							<b>\$174,174</b>
<b>Total Markups</b>							<b>\$17,699</b>
BN Markup Applied to Direct Expenses			10.00%				
BN Markup Applied to Sub Direct Labor			10.00%				
<b>Total Fee</b>							<b>\$395,036</b>

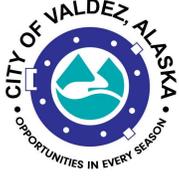
Bettisworth North Architects and Planners Professional Services Fee Proposal Date: October 9, 2024		Owner: City of Valdez Project: Childcare Programming & Design Documents Programming, 50% Docs, 95% Docs, CD's													
Task Labor	Hours														Totals
	Principal	Project Manager	Senior Architect	Architect II	Senior Landscape Architect	Landscape Architect II	Senior Interior Designer	Interior Designer II	Design Tech III	Design Tech II	Design Tech I	Client Service Mgr	Admin Assistant		
<b>Programming &amp; Student Capacity Study</b>															
<b>Lump Sum</b>															
<b>Architectural Tasks</b>															
Project Management				4											
Meetings / Coordination															
City Project Team				3	3										
School Board	2			1.5	1.5										
Design and Engineering Team				2	2										
<b>Programming Activities</b>															
Drafting Existing Facility				2	8							20			
User Group Coordination				2	4										
Planning				2	8							20			
Student Capacity Research	2			2	6										
Prepare Programming & Student Capacity Study															
Code Analysis				4	8										
Program of Spaces				4	16							8			
Relationship Diagrams				4	16							8			
Programming & Student Capacity Study Presentation	2			2	2										
Review Meeting				1	1									8	
Subtotal Hours	6			33.5	75.5							56		8	
<b>Architecture Tasks Subtotal</b>	<b>\$1,320</b>			<b>\$6,533</b>	<b>\$13,213</b>							<b>\$6,440</b>		<b>\$760</b>	<b>\$28,265</b>
<b>Interiors Tasks</b>															
Meetings / Coordination															
Client/Stakeholders															
Workshops/Charrettes															
Design and Engineering Team															
Prepare Space Planning/Programming/Relationship Diagrams															
Pre-design Presentation															
Review Meeting															
Subtotal Hours															
<b>Interiors Tasks Subtotal</b>															
<b>Landscape Tasks</b>															
Site Analysis															
Site Program Development and Relationship Diagrams															
Meetings / Coordination															
Client/Stakeholders															
Workshops/Charrettes															
Design and Engineering Team															
Zoning, Utilities, Code Analysis															
Review Meeting															
Subtotal Hours															
<b>Landscape Tasks Subtotal</b>															
Task Subtotal Hours	6			34	76							56		8	
Billing Rate	\$240.00	\$205.00	\$195.00	\$175.00	\$205.00	\$160.00	\$195.00	\$175.00	\$145.00	\$130.00	\$115.00	\$195.00	\$95.00		
<b>Task Subtotal Labor Fee</b>	<b>\$1,320</b>			<b>\$6,533</b>	<b>\$13,213</b>							<b>\$6,440</b>		<b>\$760</b>	<b>\$28,265</b>
<b>Other Direct Costs</b>															
	Number	Unit	Rate per unit	Sets	Amount	Subconsultants						Fees	ODC's		
Air Fare: locations		total r/t				Triad Engineering						\$1,500			
Meals and Lodging	2	days	\$250.00	2	\$1,000	Reid Middleton						\$1,623			
Auto Rental		days				RSA (Mech)						\$1,840			
Parking		days	\$16.00			RSA (Elec)						\$1,660			
Miles	305	Units	\$0.67	2	\$409	JMB Group									
Reproduction Expenses		Units													
B/W plots (plotter)		sheets	\$5.00			EH&S (Haz-Mat)									
Color plots (plotter)		sheets	\$15.00			Survey (NIC)									
Copies - Letter Size		sheets	\$0.10			Geotech (NIC)									
Copies - 11x17 Size		sheets	\$0.20			LEED (NIC)									
Scanning sheets		sheets	\$5.75			Energy (NIC)									
Compile CD		per set	\$60.00												
Long Distance Phone Service		months	\$50.00												
Postage/express pouch		months	\$50.00												
<b>BNAP ODC Subtotal</b>					<b>\$1,409</b>	<b>Subconsultants Total</b>						<b>\$6,623</b>			
<b>BNAP Markup</b>	10%				<b>\$141</b>	<b>BNAP Markup on Sub DC</b>						<b>10.00%</b>	<b>\$662</b>		
<b>Task Total</b>														<b>\$37,100</b>	

Bettisworth North Architects and Planners  
Professional Services Fee Proposal  
Date: October 9, 2024

**Owner:** City of Valdez  
**Project:** Childcare Programming & Design Documents  
Programming, 50% Docs, 95% Docs, CD's

Task Labor	Hours											Totals	
	Principal	Project Manager	Senior Architect	Architect II	Senior Landscape Architect	Landscape Architect II	Senior Interior Designer	Interior Designer II	Design Tech III	Design Tech II	Design Tech I		Client Service Mgr
<b>50% Design Documents</b>													
<b>Lump Sum</b>													
<b>Architectural Tasks</b>													
Project Management				40	4								
Meetings / Coordination													
City Project Team				6	6						6		
School Board	2			2	2								
Design and Engineering Team				6	8						4		
Childcare Provider				4	4								
50% Design Drawings				8	60						100		
50% Specifications (outline or full)				8	24						10		
Code Review Update				4	12								
Cost Estimate Coordination and Review													
3D Views or Renderings											24		
Submittal Prep					6						8		8
Quality Control	4			4	2								
Review Meeting				2	2								
Subtotal Hours	6			84	128						152		8
<b>Architecture Tasks Subtotal</b>	\$1,440			\$16,380	\$22,400						\$17,480		\$760
<b>Interiors Tasks</b>													
Meetings / Coordination													
Client/Stakeholders								2					
Workshops/Charrettes													
Design and Engineering Team									2				
50% Design Drawings										20			
50% Specifications (outline or full)										16			
Materials Research									8				
Cost Estimate Review													
3D Views or Renderings													
FF&E Inventory Existing Equipment													
FF&E Product Research													
Quality Control							4						
Review Meeting							1	1					
Subtotal Hours							5	49					
<b>Interiors Tasks Subtotal</b>							\$975	\$8,575					\$9,550
<b>Landscape Tasks</b>													
SD Drawings													
SD Specifications (outline or full)													
SD Narrative													
Meetings													
Client/Stakeholders													
Workshops/Charrettes													
Team Coordination													
Quality Control													
Code/Zoning Review Update													
Review Meeting													
Subtotal Hours													
<b>Landscape Tasks Subtotal</b>													
<b>Total Hours</b>	6			84	128			5	49		152		8
Billing Rates Used for all Tasks	\$240.00	\$205.00	\$195.00	\$175.00	\$205.00	\$160.00	\$195.00	\$175.00	\$145.00	\$130.00	\$115.00	\$195.00	\$95.00
<b>Subtotal Labor Fee</b>	\$1,440		\$16,380	\$22,400			\$975	\$8,575	\$145.00	\$130.00	\$17,480	\$760	\$68,010
<b>Other Direct Costs</b>	Number	Unit	Rate	Sets/Num	Amount	Subconsultants		Fees	ODC's				
Air Fare: <i>locations</i>		total r/t				Prnal Engineering		\$3,500					
Meals and Lodging	2	days	\$250.00	2	\$1,000	Reid Middleton		\$2,653					
Auto Rental		days	\$16.00			RSA (Mech)		\$20,870					
Parking		days	\$16.00			RSA (Elec)		\$18,320					
Mileage	305	Units	\$0.67	2	\$409	JMB Group		\$9,700					
Reproduction Expenses						EH&S (Haz-Mat)		\$21,242					
B/W plots (plotter)		sheets	\$5.00			Survey (NIC)							
Color plots (plotter)		sheets	\$15.00			Geotech (NIC)							
Copies - Letter Size		sheets	\$0.10			LEED (NIC)							
Copies - 11x17 Size		sheets	\$0.20			Energy (NIC)							
Scanning sheets		sheets	\$5.75										
Compile CD		per set	\$60.00										
Long Distance Phone Service		sheets	\$50.00										
Postage/express pouch		each	\$50.00										
		months											
		months											
<b>BNAP ODC Subtotal</b>					\$1,409	Subconsultants Total		\$76,284					
<b>BNAP Markup</b>	10%				\$141	BNAP Markup on Sub DC		10.00%	\$7,628				
<b>Task Total</b>											\$153,472		

Bettsworth North Architects and Planners Professional Services Fee Proposal Date: October 9, 2024		Owner: City of Valdez Project: Childcare Programming & Design Documents Programming, 50% Docs, 95% Docs, CD's												
Task Labor	Hours													Totals
	Principal	Project Manager	Senior Architect	Architect II	Senior Landscape Architect	Landscape Architect II	Senior Interior Designer	Interior Designer II	Design Tech III	Design Tech II	Design Tech I	Client Service Mgr	Admin Assistant	
<b>95% Design Documents</b>														
<b>Lump Sum</b>														
<b>Architectural Tasks</b>														
Project Management			32	8										
Meetings / Coordination														
City Project Team			6	6										
School Board/City of Valdez			4	4										
Design and Engineering Team			8	8										
Childcare Provider			4	4										
95% Design Drawings			40							70				
95% Specifications (outline or full)				20						4				
Code Review Update			2	8										
Cost Estimate Coordination and Review														
3D Views or Renderings										16				
Submittal Prep				4							4			8
Quality Control	4		4											
Review Meeting			2	2										
Subtotal Hours	4		62	104						94				8
<b>Architecture Tasks Subtotal</b>	<b>\$960</b>		<b>\$12,090</b>	<b>\$18,200</b>						<b>\$10,810</b>			<b>\$760</b>	<b>\$42,820</b>
<b>Interiors Tasks</b>														
Meetings / Coordination										2				
Client/Stakeholders										2				
Childcare Provider										2				
Design and Engineering Team										2				
95% Design Documents										16				
Schedules, Finishes										8				
Specifications										8				
Accessibility Review										2				
Materials Research										4				
Preliminary Wayfinding Planning & Design														
FF&E Product Research														
FTE Space Planning														
Cost Estimate Review														
3D Views or Renderings														
Quality Control									4					
Review Meeting									1	1				
Subtotal Hours								5	45					
<b>Interiors Tasks Subtotal</b>								<b>\$975</b>	<b>\$7,875</b>					<b>\$8,850</b>
<b>Landscape Tasks</b>														
DD Drawings														
DD Specifications														
DD Narrative														
Meetings														
Client/Stakeholders														
Workshops/Charrettes														
Team Coordination														
Quality Control														
Code/Zoning Review Update														
Quality Control														
Review Meeting														
Subtotal Hours														
<b>Landscape Tasks Subtotal</b>														
Task Subtotal Hours	4		62	104				5	45					8
Billing Rate	\$240.00	\$205.00	\$195.00	\$175.00	\$205.00	\$160.00	\$195.00	\$175.00	\$145.00	\$130.00	\$115.00	\$195.00	\$95.00	
<b>Task Subtotal Labor Fee</b>	<b>\$960</b>		<b>\$12,090</b>	<b>\$18,200</b>			<b>\$975</b>	<b>\$7,875</b>			<b>\$10,810</b>		<b>\$760</b>	<b>\$51,670</b>
<b>Other Direct Costs</b>														
	Number	Unit	Rate	Sets	Amount	Subconsultants						Fees	ODC's	
Air Fare: Locations		total hr				Triad Engineering						\$3,500		
Meals and Lodging		days				Reid Middleton						\$3,524		
Auto Rental		days				RSA (Mech)						\$23,250		
Parking		days	\$16.00			RSA (Elec)						\$22,150		
		Units				JMB Group						\$11,500		
		Units												
Reproduction Expenses						EH&S (Haz-Mat)						\$4,973		
B/W plots (plotter)		sheets	\$5.00			Survey (NIC)								
Color plots (plotter)		sheets	\$15.00			Geotech (NIC)								
Copies - Letter Size		sheets	\$0.10			LEED (NIC)								
Copies - 11x17 Size		sheets	\$0.20			Energy (NIC)								
Scanning sheets		sheets	\$5.75											
Compile CD		per set	\$60.00											
Long Distance Phone Service		sheets	\$50.00											
Postage/express pouch		each	\$50.00											
		months												
		months												
<b>BNAP ODC Subtotal</b>						<b>Subconsultants Total</b>						<b>\$68,897</b>		
<b>BNAP Markup</b>	10%					<b>BNAP Markup on Sub DC</b>						<b>10.00%</b>	<b>\$6,890</b>	
<b>Task Total</b>														<b>\$127,457</b>



## Legislation Text

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**File #:** ORD 24-0013, **Version:** 1

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**ITEM TITLE:**

Ordinance #24-13 Amending VMC Chapter 17.80, Section 17.80.090 Titled Short-term Rentals

**SUBMITTED BY:** Kate Huber, Community Development Director

**FISCAL NOTES:**

Expenditure Required: n/a

Unencumbered Balance: n/a

Funding Source: n/a

**RECOMMENDATION:**

Approve Ordinance #24-13, an ordinance amending Chapter 17.80, Section 17.80.090 titled Short-term Rentals.

**SUMMARY STATEMENT:**

Ordinance #24-13 amends Valdez Municipal Code Title 17 Chapter 17.80 - Specific Use Standards. Specifically, the ordinance makes modifications to section 17.80.090 - Short-term Rentals.

During the process of developing the application and administration process for the short-term rental permit outlined in this section of Valdez Municipal Code, it was identified that the current ordinance language was written specifically for short-term rentals as an accessory use. Because the revision of Title 17 allows short-term rentals as a primary use, it was intended that the permit process and associated requirements would apply to all short-term rentals. For this reason, the City Manager has requested this revision to the zoning ordinance.

Community Development staff have reviewed the request and find it to be in conformance with Plan Valdez, the adopted 2021 Comprehensive Plan - specifically Goal 2.3 - Promote, protect, and build quality housing and associated Action 2.3C - Revise Title 17 to provide guidelines for short-term rental housing and accessory dwelling units.

Staff finds no anticipated impacts relating to public safety, natural resource protection, natural hazards, public services, and existing land uses as a result of this amendment. The amendment includes clarification regarding the required inspection associated with the short-term rental permit which is expected to support public safety within dwellings used as short-term rentals.

Due to the simplicity of this zoning code text amendment, the Community Development Director determined that no map set or technical studies are required.

No written public comments were received at the time of publishing the agenda.

The Planning & Zoning Commission held a public hearing during their regular meeting on October 23, 2024. No public comments were received. The public hearing was noticed on City of Valdez website, at City Hall, in the KVAK e-newsletter and in the Copper River Record.

During the 10/23 meeting the Planning and Zoning Commission voted to approve a recommendation to City Council to adopt Ordinance 24-13. Some discussion occurred regarding the level of discretion this code section gives the Community Development Director regarding safety inspections. No formal modifications to the ordinance were proposed; however the commissioners did mention the appeal process within Title 17. The Community Development Director also offered that City Council may want to consider further refinement of these requirements after 1-2 years of implementation of the short-term rental permit.

CITY OF VALDEZ, ALASKA

ORDINANCE #24-13

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA  
AMENDING CHAPTER 17.80, SECTION 17.80.090 TITLED SHORT-TERM  
RENTALS

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA that the following amendments be made to Chapter 17.80, Section 17.80.090 of the Valdez Municipal Code:

SECTION 1. Section 17.80.090 is hereby amended to read as follows:

**17.80.090 Short-term rentals.**

A. Purpose. The purpose of this section is to establish rules, regulations, and limitations on housing arrangements which are typically an alternative to traditional lodging/accommodation establishments such as hotels and motels. Short-term rentals provide lodging or housing for terms less than thirty days.

B. Applicability. The standards herein apply to all short-term rentals as allowed ~~as accessory uses in residential and commercial zones~~ pursuant to Table 17.16.040-1. The provisions of this section shall be applicable to all short-term rentals that provide accommodations for terms less than thirty days. Motels, hotels, lodges, and inns, rental cabins, and long-term residential rentals (thirty days or more) are not subject to the provisions of this section.

C. Specific Use Standards.

1. Review. Short-term rentals shall be established through a short-term rental application and permit, provided by the community development department. The city may establish or modify a limit on the number of short-term rental permits it allows within the municipal limits, as established by resolution of the city council.

2. Issuance. Permits will be issued and require renewal on an annual basis. During annual permit renewal period, the applicant must demonstrate that the short-term rental has been active (in both advertising and use) during the prior permit period.

3. Types of Rental Situations. Short-term rentals may be permitted as one of the following:

a. Dwelling Units. In these situations, a temporary tenant/guest may rent and occupy an entire dwelling unit which may include a house or apartment. These units typically possess a kitchen, bathroom, and any number of sleeping rooms. Dwelling units may have the capacity to support multiple temporary tenants.

b. Rooms Within Dwelling Units. In these situations, individual sleeping rooms within a dwelling unit are rented/leased to temporary tenants/guests and the larger dwelling unit

may be shared with the permanent resident. Rooms have limited tenant/guest capacity due to their size.

4. Business Registration. Permitted short-term rentals shall maintain an active business registration pursuant to Title 5.

5. Owner/Caretaker Registration. The owner shall register the name and contact information of the responsible caretakers/property manager with the city of Valdez so that public safety officials can effectively respond to neighborhood complaints or safety-related events. The owner shall also post the caretaker/property manager contact information within each rental.

6. Inspection Required. Prior to issuance of a short-term rental permit, the unit will be subject to an inspection to determine that the rental unit is safe for human occupancy and in compliance with the Valdez building code. Each rental unit shall have adequate egress, functional a-working smoke detectors, carbon monoxide monitors, and fire extinguishers and other safety features as determined by the Community Development Director. Approved units may be subject to inspection during subsequent renewals.

7. Transferability. Short-term rental permits are for specific properties and are not transferable to any other properties. Short-term rental permits are transferable to a new owner, if the property on which the short-term rental is located changes ownership.

Section 2. This ordinance shall take effect immediately following adoption by the Valdez City Council.

PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA, this \_\_\_\_\_ day of \_\_\_\_\_, 2024.

CITY OF VALDEZ, ALASKA

ATTEST:

\_\_\_\_\_  
Dennis Fleming, Mayor

\_\_\_\_\_  
Sheri L. Pierce, MMC, City Clerk

APPROVED AS TO FORM:

Adoption:

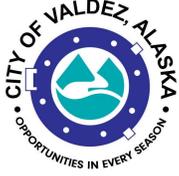
Yeas:

Noes:

Absent:

Abstaining:

\_\_\_\_\_  
Jake Staser, City Attorney  
Brena, Bell, & Walker, P.C.



Legislation Text

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**File #:** RES 24-0045, **Version:** 1

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**ITEM TITLE:**

#24-45 - Supporting the Alaska Salmon Hatchery Program

**SUBMITTED BY:** Sheri Pierce, MMC, City Clerk

**FISCAL NOTES:**

Expenditure Required: NA  
Unencumbered Balance: NA  
Funding Source: NA

**RECOMMENDATION:**

**SUMMARY STATEMENT:**

Valdez Fisheries Development Association (VFDA) is requesting consideration of a resolution of support by the City Council to be submitted as public comment to the Alaska Board of Fish by November 26<sup>th</sup>. This resolution calls on the Alaska Board of Fisheries to reject proposals to reduce hatchery production, including Proposal 78 (attached), and work with the hatchery community, the Alaska Dept. of Fish and Game and industry leaders to further its understanding of the importance of the Alaska salmon hatchery program to all Alaskans and the scientific study surrounding hatchery wild salmon interactions.

Mike Wells, Executive Director, VFDA, will be present to answer questions.

CITY OF VALDEZ, ALASKA

RESOLUTION #24-45

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA,  
SUPPORTING THE ALASKA SALMON HATCHERY PROGRAM

WHEREAS, the City of Valdez benefits greatly from the Alaska Private Non Profit Salmon Hatchery Program; and

WHEREAS, Alaska's salmon hatchery program has operated for 50 years and supplements wild salmon harvests throughout the state; and

WHEREAS, Alaska's salmon hatchery program is a model of sustainable economic development that directly benefits subsistence fishermen, personal use fishermen, sport fishermen, charter fishermen, commercial fishermen, seafood processors, as well as state and local governments such as Valdez; and

WHEREAS, Alaska hatcheries accounted for 76% of the total common property commercial catch and 64% of the total ex-vessel value totaling \$46 million in the Prince William Sound region in 2023; and

WHEREAS, the Prince William Sound Aquaculture Corporation (PWSAC) headquartered in Cordova and the Valdez Fisheries Development Association, Inc. (VFDA) headquartered in Valdez contribute significantly to the economies of Prince William Sound communities by providing jobs and an estimated \$200 million in combined economic output annually; and

WHEREAS, reducing hatchery produced Pink and Chum Salmon by 25% will significantly impact fisheries tax revenues Valdez receives and greatly reduce wharfage and dockage fees generated due to the loss of an estimated 4 million pounds of salmon products crossing the Port of Valdez shipping terminals annually; and

WHEREAS, cost recovery revenues from the sale of hatchery produced Pink salmon significantly fund VFDA's Coho salmon sport fish enhancement program, which is the cornerstone of the Valdez summer economy, providing salmon for many sport fish related businesses and the Valdez Fish Derbies; and

WHEREAS, Alaska's salmon hatchery program has proven to be significant and vital to Alaska's seafood and sportfish industries and the State of Alaska by creating employment and economic opportunities throughout the state and in particular coastal communities such as Valdez; and

WHEREAS, Alaska's salmon hatchery program is non-profit and self-funded through cost recovery and enhancement taxes on the resource and is a model partnership between private and public entities; and

WHEREAS, the State of Alaska has significantly invested in Alaska's salmon hatchery programs and associated research to provide for stable salmon harvests and to bolster the economies of coastal communities like Valdez, while maintaining a wild stock escapement priority; an

WHEREAS, Alaska's salmon fisheries continue to be certified as sustainable by two separate programs, Responsible Fisheries Management (RFM) and Marine Stewardship Council (MSC); and

WHEREAS, salmon hatchery programs are permitted and overseen using a transparent public process, employ strong scientific methodology, and are built upon sound and sustainable fisheries policies intended to protect wild salmon populations.

NOW, THEREFORE, BE IT RESOLVED, BY THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA, that

Section 1. The City of Valdez affirms its support for Alaska's Salmon Hatchery Programs, including PWSAC and VFDA.

Section 2. The City of Valdez supports unbiased and scientific methods to assess the interaction of Alaska's salmon hatchery programs with natural stocks, such as the Alaska Hatchery/Wild Salmon Interaction Study which began in 2011 and the Salmon Ocean Ecology Program.

Section 3 The City of Valdez calls on the Alaska Board of Fisheries to reject proposals to reduce hatchery production, including Proposal 78, and work with the hatchery community, the Alaska Dept. of Fish and Game and industry leaders to further its understanding of the importance of the Alaska salmon hatchery program to all Alaskans and the scientific study surrounding hatchery wild salmon interactions.

PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA, this 6<sup>th</sup> day of November 2024.

CITY OF VALDEZ, ALASKA

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Dennis Fleming, Mayor

ATTEST:

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Sheri L. Pierce, MMC, City Clerk

## **PROPOSAL 78**

### **5 AAC 24.370. Prince William Sound Management and Salmon Enhancement Allocation Plan.**

Reduce Prince William Sound hatchery permitted pink salmon egg take level by 25%, as follows:

The solution is very simple. Reduce the permitted egg intake of each Prince William Sound Hatchery that produces pink and chum salmon by 25%. Then do an evaluation within five years.

**What is the issue you would like the board to address and why?** Reduce pink and chum hatchery egg takes in the Prince William Sound Aquaculture Corporation (PWSAC) and Valdez Fisheries Development Association (VFDA) by 25% of current permitting levels.

There is significant evidence that there is an ocean carrying capacity that is exacerbated by the proliferation of Alaskan and Asian hatchery releases into the North Pacific. This is particularly important to Chinook salmon as stocks have declined dramatically all over Alaska. Chinook decline is so critical that the Yukon River may lose discrete stocks. An emergency Agreement between Canada and Alaska was signed April 1, 2024, to impose a drastic Chinook harvest moratorium of at least seven years. Sadly, the situation with Chinook on the Yukon River is now becoming a statewide problem; the Nushagak, the Kenai and many other Alaskan rivers have conservation plans in action because of the declines. Emergency Orders to close Chinook sports fishing entirely in many of Alaska's most iconic river systems have already been implemented. While hatcheries are not the only factor in salmon decline, they are among the top five, including climate change, bycatch, intercept, disease, hatcheries.

The Alaska Board of Fisheries has limited authority to provide injunctive relief on this issue but to the extent that they can reduce hatchery egg take permitting levels, this is the only venue open to public proposals.

For several years, different groups have been submitting proposals for hatchery egg take reduction. All those proposals have been refused on the basis of lack of conclusive evidence that there is a correlative relationship to detrimental impacts of hatchery production in wild stocks through competition for forage food and straying.

The Alaska Department of Fish and Game, which directs information to the Board of Fish, has been consistently reluctant to consider peer-reviewed research outside of the Department and to even evaluate their own internal research that indicates hatchery production can have an effect on the health of wild salmon stocks. The "iterative" process that the Department assures the public is watchdogging hatcheries is an inter-dependent process with hatcheries and therefore is not seen as sufficiently separated from hatchery production to apply significant oversight.

This is an extraordinarily frustrating situation to many who depend on wild salmon stocks and are outside of the hatchery management systems.

**CONCLUSIONS:** The goal of Alaska's PNP hatchery system is economic, not conservation. In a 2011 international report *Shifting the Balance: Towards Sustainable Salmon Populations and Fisheries of the Future*, renown Canadian scientists Dr. Richard Beamish and Dr. Donald Noakes noted: "While Alaska's large ocean-ranching program may have contributed to the observed

increase in catch, there remain many unanswered questions about potential negative impacts on wild fish and deleterious effects on other Alaskan salmon fisheries (Hilborn and Eggers 2000; Clark et al. 2006; Knapp et al. 2007). As with most if not all large-scale hatchery programs, there is a lack of information to critically evaluate the program either with respect to its stated production objectives or other criteria (i.e., ecosystem interactions, etc.), and more research is clearly needed in that respect.”

In addition to on-going research on hatchery impacts, we also need an independent venue to review all the latest peer-reviewed science and to have an on-going dialogue on application of what we can have consensus on. The Board of Fish Hatchery Committee would be a good start as long as it is not an orchestrated situation.

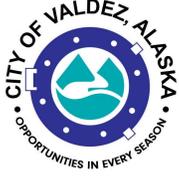
Prior to the next Prince William Sound Board of Fish meeting, I will be working with many others to gather many supporting documents.

**Did you develop your proposal in coordination with others, or with your local Fish and Game Advisory Committee? Explain.** Reduction of hatchery egg take (and thus releases) has long been the goal of the Fairbanks Advisory Committee as it has researched the negative impacts of hatcheries for years. This includes conversations with some of the top salmon scientists in Alaska, Canada and the Pacific Northwest, as well as conversations with stakeholders in AYK river systems.

**PROPOSED BY:** Virgil Umphenour

(HQ-F24-130)

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## Legislation Text

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**File #:** RES 24-0046, **Version:** 1

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**ITEM TITLE:**

#24-46 - Requesting the Governor of the State of Alaska Designate by Proclamation the Area of Prince William Sound Pink Salmon Fishery and any other Applicable Pink Salmon Fisheries as an Area Impacted by Economic Disaster in 2024, and Supporting a Recovery Plan for Affected Fishermen

**SUBMITTED BY:** Sheri L. Pierce, MMC, City Clerk

**FISCAL NOTES:**

Expenditure Required: NA  
Unencumbered Balance: NA  
Funding Source: NA

**RECOMMENDATION:**

[Click here to enter text.](#)

**SUMMARY STATEMENT:**

At the request of Mayor Fleming and Council Member Sorum a resolution requesting that Governor Dunleavy designate PWS Pink Salmon Fishery as an area impacted by economic disaster in 2024 and establishing a financial recovery plan for fishermen. The City of Cordova and City of Homer have recently passed similar resolutions. Following approval, the resolution will be forwarded to Governor Dunleavy, Senator Shower and Representative Rauscher.

CITY OF VALDEZ, ALASKA

RESOLUTION #24-46

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA, REQUESTING THE GOVERNOR OF THE STATE OF ALASKA DESIGNATE BY PROCLAMATION THE AREA OF PRINCE WILLIAM SOUND PINK SALMON FISHERY AND ANY OTHER APPLICABLE FISHERIES AS AN AREA IMPACTED BY AN ECONOMIC DISASTER IN 2024 AND SUPPORTING A RECOVERY PLAN FOR AFFECTED FISHERMEN

WHEREAS, the average total common property harvest of Prince William Sound Pink Salmon for even-years without federal disaster determinations between 2010-2022, hereafter defined as "5-year average", is 34.75 million Pink Salmon; and

WHEREAS, NOAA Fisheries examines 12-month revenue loss experienced the year of a fishery resource disaster compared to the previous 5-year average in which no disaster occurred, and considers positive determinations at a revenue loss threshold of greater than 80 percent; and

WHEREAS, the 2024 Prince William Sound Pink Salmon total common property harvest of 5,066,411 fish was 85.4% less than the recent 5-year average total common property harvest of Pink Salmon, and the lowest harvest in the last 30 years; and

WHEREAS, the 2024 Prince William Sound Purse Seine fishery harvest of 4,896,007 Pink Salmon was 85.3% less than the prior 5-year average harvest of 33.26 million fish; and

WHEREAS, the 2024 Prince William Sound Drift Gillnet fishery harvest of 151,917 Pink Salmon was 89.6% less than the prior 5-year average harvest of 1,461,281 fish; and

WHEREAS, the 2024 Prince William Sound Set Gillnet fishery harvest of 18,487 Pink Salmon was 43.6% less than the prior 5-year average harvest of 32,807 fish; and

WHEREAS, the 2024 Prince William Sound Chum Salmon harvest of 1,160,586 fish was 57.1% less than the recent 5-year average harvest of 2.7 million Chum Salmon, and the lowest harvest in the last 5 years; and

WHEREAS, the 2024 Prince William Sound Pink and Chum Salmon runs are among the lowest on record; and

WHEREAS, the 2024 Prince William Sound Pink Salmon fisheries total ex-vessel value of \$4,290,856 across fisheries compared to the 5-year average ex-vessel value of \$44,841,922 represents a loss of 90.4% of average revenues, or more than \$40 million dollars; and

WHEREAS, multiple years of lower ex-vessel prices across Copper River and Prince William Sound fisheries, and lasting financial impacts from the Covid-19 pandemic compound and continue to impact the fishing community significantly, further compounding economic hardship within the community; and

WHEREAS, Commercial fishing is a backbone of Alaska's economy and culture and is an expensive endeavor with costs including boat payments, insurance, crew, moorage, groceries, fuel, maintenance, supplies, and permit fees; and

WHEREAS, the price per pound for the fisherman has not increased relative to operational expenses.

NOW THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA that:

Section 1. Governor Dunleavy designate by proclamation, as described in AS 44.33.285, the area of Prince William Sound pink salmon and any other applicable commercial fishery as an area impacted by an economic disaster and that the State of Alaska implement a recovery plan that provides private assistance and takes other actions that benefit commercial fisheries participants and others that rely on this important fishery resource.

Section 2. The Commercial Fisheries Entry Commission (CFEC) waive permit fees for the upcoming 2025 season for all impacted salmon permit owners.

Section 3. The Council also respectfully requests that the State of Alaska urge the Federal Department of Commerce and all other applicable federal agencies to render private and public assistance to all affected persons and entities.

BE IT FURTHER RESOLVED that:

Section 5. A copy of this resolution will be provided to State Senator Mike Shower and State Representative George Rauscher.

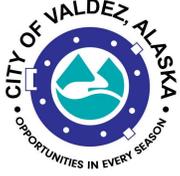
PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA, this 6<sup>th</sup> day of November 2024.

CITY OF VALDEZ, ALASKA

\_\_\_\_\_  
Dennis Fleming, Mayor

ATTEST:

\_\_\_\_\_  
Sheri L. Pierce, MMC, City Clerk



Legislation Text

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**File #:** RES 24-0047, **Version:** 1

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**ITEM TITLE:**

#24-47 - Amending the 2024 Budget by Accepting a U.S. Department of Homeland Security State and Local Cybersecurity Grant Program Award in the Amount of \$45,000.00 for Development of a Cybersecurity Assessment and Authorizing Expenditure of the Same

**SUBMITTED BY:** Matthew Osburn, IT Director

**FISCAL NOTES:**

Expenditure Required: \$ 45,000

Unencumbered Balance: \$ 45,000

Funding Source: DHS SLCGP Grant Revenue, 350-5050-33100

**RECOMMENDATION:**

Approve Resolution 24-47.

**SUMMARY STATEMENT:**

Grant funding is for an Alaska-based third-party organization to carry out a cybersecurity risk assessment of city operations, aimed at identifying current cybersecurity gaps, risks, and threats.

CITY OF VALDEZ, ALASKA

RESOLUTION #24-47

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA, AMENDING THE 2024 CITY BUDGET BY ACCEPTING A U.S. DEPARTMENT OF HOMELAND SECURITY STATE AND LOCAL CYBERSECURITY GRANT PROGRAM AWARD IN THE AMOUNT OF \$45,000.00 FOR DEVELOPMENT OF A CYBERSECURITY ASSESSMENT AND AUTHORIZING THE EXPENDITURE OF THE SAME

WHEREAS, the City of Valdez Information Technology Department was awarded \$45,000.00 through the 2022 U.S. Department of Homeland Security State and Local Cybersecurity Grant Program (SLCGP); and

WHEREAS, no matching funds are required from the City of Valdez since the State of Alaska Department of Military and Veteran's Affairs administers this grant program on behalf of the federal government and provides the required match; and

WHEREAS, the City will use these SLCGP grant funds for a Cybersecurity Assessment conducted by a third party; and

WHEREAS, budget amendments must be formally appropriated via Budget Amendment Resolution.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA, that:

Section 1: DHS SLCGP Grant Revenue, 350-5050-33100, is increased by \$45,000.00.

Section 2: DHS SCLCGP Grant Expense, 350-5050-49500, is increased by \$45,000.00

PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA, this 6th day of November, 2024.

CITY OF VALDEZ, ALASKA

\_\_\_\_\_  
Dennis Fleming, Mayor

ATTEST:

\_\_\_\_\_  
Sheri L. Pierce, MMC, City Clerk



THE STATE  
of **ALASKA**  
GOVERNOR MIKE DUNLEAVY

**Department of Military and  
Veterans Affairs**

Division of Homeland Security and  
Emergency Management

P.O. Box 5750  
JBER, AK 99505-0800  
Main: 907.428.7000  
Fax: 907.428.7009  
[ready.alaska.gov](http://ready.alaska.gov)

October 3, 2024

John Douglas, City Manager  
City of Valdez  
PO Box 307  
Valdez, AK 99686

RE: 2022 State and Local Cybersecurity Grant Program, EMW-2022-CY-00038-S01  
State Grant No.: 22SLCGP-GY22

Mr Douglas:

We received funds from the U.S. Department of Homeland Security under the 2022 State and Local Cybersecurity Grant Program (SLCGP). We are pleased to award the City of Valdez the amount of \$45,000.00 under this grant. Funding from this program is provided to support state, local and territorial governments in managing and reducing systemic cyber risk.

As a reminder, all procurement transactions must be conducted in a manner that provides full and open competition. To ensure this, we require a Procurement Method Report with every expense (except for local advertising, legal notices, and travel arrangements) submitted for reimbursement under this grant. Preapprovals may be required at multiple steps in the procurement process. Please see the Procurement Method Report for additional details.

A pre-signed Obligating Award Document (OAD) is attached. Please print the document, sign the OAD, and send a scanned copy to [mva.grants@alaska.gov](mailto:mva.grants@alaska.gov) within 30 days of subrecipient receipt. Keep the hard copy for your records.

If the OAD cannot be returned within 30 days due to subrecipient policies, a Notice of Intent to Accept Grant Award form must be submitted. The form and instructions are available for download on our Grants website: <http://ready.alaska.gov/Grants/OurDocs>.

If signatory points of contact have changed since the submittal of the application, please complete and return a Signatory Authority Form with the signed OAD. The Signatory Authority Form is available for download on our Grants website. If needed, Electronic Payment enrollment forms are also available upon request.

Mr Douglas  
October 3, 2024  
Page 2 of 2

If you have any questions, please get in touch with the Division Project Manager for this grant, Jennifer Bond at (907) 428-7000 or by email at [mva.grants@alaska.gov](mailto:mva.grants@alaska.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'Tiffany Peltier', with a stylized flourish at the end.

Tiffany D. Peltier  
Administrative Operations Manager

Enclosure(s): Obligating Award Document  
Project Budget Details Report  
Quarterly Activities Plan

cc: Matthew Osburn, Subrecipient Project Manager  
Jordan Nelson, Subrecipient Chief Financial Officer

<b>State of Alaska</b>						Page 1 of 9	
<b>Division of Homeland Security and Emergency Management</b>						FEDERAL AWARD DATE	
Under US Department of Homeland Security Federal Emergency Management Agency Grant Programs Directorate						December 26, 2022	
<b>OBLIGATING AWARD DOCUMENT</b>						FEDERAL GRANT PROGRAM	
						2022 State and Local Cybersecurity Grant Program	
RECIPIENT NAME AND ADDRESS						FEDERAL GRANT NUMBER	
						EMW-2022-CY-00038-S01	
BUDGET/PERFORMANCE PERIOD		AMENDMENT		CFDA:		97.137	
City of Valdez PO Box 307 212 Chenega Ave. Valdez, AK 99686		FROM:	October 1, 2024	AMENDMENT #:			
		TO:	December 31, 2025	EFFECTIVE DATE:			
		STATE PROGRAM NUMBER			22SLCGP-GY22		
UEI NUMBER		J4J1BXA95JA8		FUNDING ALLOCATION			
EIN		92-6000143		PLANNING	\$45,000.00	EXERCISE	
METHOD OF PAYMENT				TRAINING		EQUIPMENT	
PURPOSE OF AWARD							
<b>Total Awarded Amount:</b>				<b>\$45,000.00</b>			
Federal Share:				\$40,500.00			
State Share:				\$4,500.00			
<b>Final Report Due: February 15, 2026</b>							
The attached Project Budget Details is the funding allocation. Grant program guidelines and federal, state, and local contracting and procurement compliance requirements apply.							
GRANT REQUIREMENTS AND PROGRAM TERMS AND CONDITIONS							
The acceptance of a grant from the United States government creates a legal duty on the part of the recipient to use the funds or property made available in accordance with the conditions of the grant [GAO Accounting Principles and Standards for Federal Agencies, Chapter 2, Section 16.8(c)]. See attached for continued Grant Requirements and Program Terms and Conditions.							
SPECIAL CONDITIONS (Grant funds cannot be expended until these conditions have been met. See Obligating Award for details.)							
None							
AGENCY INFORMATION							
ADDRESS	Division of Homeland Security and Emergency Management PO Box 5750 JBER, AK 99505-5750			WEBSITE	http://ready.alaska.gov		
				EMAIL	mva.grants@alaska.gov		
				PHONE	(907) 428-7000		
				FAX	(907) 428-7009		
STATE PROJECT MANAGER	PHONE	FAX	EMAIL				
Jennifer Bond	(907) 428-7000	(907) 428-7009	mva.grants@alaska.gov				
AGENCY APPROVAL				RECIPIENT ACCEPTANCE			
NAME AND TITLE OF APPROVING AGENCY OFFICIAL				NAME AND TITLE OF AUTHORIZED RECIPIENT OFFICIAL			
Tiffany D. Peltier, Administrative Operations Manager				John Douglas, City Manager			
SIGNATURE OF APPROVING AGENCY OFFICIAL				SIGNATURE OF AUTHORIZED RECIPIENT OFFICIAL			
			DATE				DATE
			10/3/24				
FOR STATE USE ONLY							
Vendor Personal Number:		CIV84401		Date Returned			
Fund	Unit	AR Unit	Object	Activity	Function	Program	PPC
1004	2001	099230010	7000	2012	22CSGPVDZ	2CSGP2022	GYCSGP

## Program Requirements

**(A)** Monies may not be obligated outside of the time period as stated on the grant document. An obligation occurs when funds are encumbered, as with a purchase order and/or commitment of salaries and benefits. All obligated and encumbered funds must be liquidated within 45 days of the end of the performance period (unless otherwise specified in the Program Terms and Conditions) when the *Final Performance Progress Reports* are due.

**(B)** The signature of the signatory officials on this award certifies that all financial expenditures, including all supporting documentation submitted for reimbursement, have been incurred by the subrecipient are eligible and allowable expenditures consistent with the grant guidelines for this project. The subrecipient shall follow the financial management requirements imposed on them by the Division of Homeland Security and Emergency Management (DHS&EM).

**(C)** The signature of the signatory officials on this award attests to the subrecipient understanding, acceptance, and compliance with Acknowledgment of Federal Funding; Lobbying; Debarment, Suspension, EHP, BABAA, and other responsibility matters; Drug-free Workplace; Conflict of Interest, and Non-Supplanting certifications. Federal funds will not be used to supplant state or local funds. Federal funds may be used to supplement existing funds to augment program activities and not replace those funds that have been appropriated in the budget for the same purpose. Potential supplanting may be the subject of application and pre-award, post-award monitoring, and audit. Any cost allocable to a particular Federal award or cost objectives under the principles provided in 2 CFR Part 200, subpart E, may not be charged to other Federal awards to overcome fund deficiencies.

**(D)** The subrecipient shall ensure the accounting system used allows for the separation of fund sources. These grant funds cannot be commingled with funds from other federal, state, or local agencies, and each award is accounted for separately.

**(E)** The subrecipient shall comply with the requirements under 2 CFR 25.110 to maintain and keep subrecipient information current within the System of Award Management (SAM). Also, the subrecipient has the requirement to be non-delinquent to the Federal government as required in OMB Circular A-129. Examples of relevant debt include delinquent payroll and other taxes, audit disallowances, and benefit overpayments.

**(F)** The subrecipient shall comply with Federal Laws and Regulations: *Title VI of the Civil Rights Act of 1964, Title VIII of the Civil Rights Act of 1968, Section 504 of the Rehabilitation Act of 1973, Title IX of the Education Amendments of 1972, Age Discrimination Act of 1975, Americans with Disabilities Act of 1990. Per Executive Order 13166*, the subrecipient will take reasonable steps to ensure Limited English Proficient (LEP) persons have meaningful access to its programs and activities. The subrecipient is required to comply with any applicable provisions of the Buy American Act (41 U.S.C. Sections 8301 – 8305). *Executive Order 13347, Individuals with Disabilities in Emergency Preparedness, requires the government to support safety and security for individuals with disabilities in situations involving disasters, including earthquakes, tornadoes, fires, floods, hurricanes, and acts of terrorism. Executive Order 13224* prohibits transactions with and support organizations associated with terrorism. Energy Policy and Conservation Act, the National Environmental Policy Act (NEPA) of 1969, and the Coastal Wetlands Planning, Protection, and Restoration Act of 1990 (as applicable.) The USA PATRIOT Act of 2001, the Trafficking Victims Protection Act of 2000, the Hotel and Motel Fire Safety Act of 1990, and the Fly America Act of 1974. Subrecipients who collect Personally Identifiable Information (PII) are required to have a publicly available privacy policy that describes what PII they collect, how they use the PII, whether they share PII with third parties, and how individuals may have their PII corrected where appropriate. All recipients must comply with the statutory requirements for whistleblower protections (if applicable) at 10 U.S.C 2409, 41 U.S.C 4712, and 10 U.S.C 2324, 41 U.S.S 4304, and 4310. All recipients must comply with the equal treatment policies and requirements contained in 6 C.F.R Part 19 and other applicable statutes, regulations, and guidance governing the participants of faith-based organizations in individual DHS programs.

**(G)** The subrecipient certifies that it has an *Affirmative Action Plan/Equal Employment Opportunity Plan*. An *EEOP* is not required for subrecipients under \$25,000.00 or fewer than 50 employees.

**(H)** The subrecipient certifies that its employees are eligible to work in the U.S. as verified by Form I-9, Immigration & Naturalization Service Employment Eligibility.

**(I)** It is the responsibility of the subrecipient of these federal funds to fully understand and comply with the requirements of:

1. Administrative requirements  
2 CFR Part 200 *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards*  
<https://ecfr.io/Title-2/Part-200>
2. Cost Principles  
2 CFR Part 200 Subpart E Cost Principles  
[Title 2 Part 200 Subpart E - Code of Federal Regulations \(ecfr.io\)](https://ecfr.io/Title-2/Part-200-Subpart-E)
3. Audit Requirements  
2CFR Part 200 Subpart F Audit Requirements  
[Title 2 Part 200 Subpart F - Code of Federal Regulations \(ecfr.io\)](https://ecfr.io/Title-2/Part-200-Subpart-F)
  - a. **Federal:** The subrecipient agrees that, as a condition of receiving any federal financial assistance, a Single audit of those federal funds will be performed, if required by law, and further agrees it will comply with all applicable audit requirements.
  - b. **State:** If the subrecipient is an entity that received state financial assistance, the subrecipient shall submit to the State

Coordinating Agency, within one year after the end of the audit period, an annual audit report covering the audit period as required by 2 AAC 45.010.

- c. Subrecipients identified as "non-compliant" by the Alaska Dept. of Administration, Division of Finance, Single Audit Coordinator shall be subject to the following grant payment restrictions:
  - 1) The Division of Homeland Security & Emergency Management (DHS&EM) will not process grant payments of any nature directly to the subrecipient.
  - 2) Subrecipients will be required to fully comply with the Single Audit requirements specified by the Alaska Dept. of Administration, Division of Finance, Single Audit Coordinator.
  - 3) Subrecipients will provide compliance evidence to DHS&EM from the State Audit Coordinator before any payment will be processed.
  - 4) DHS&EM may process on-behalf-of (OBO) payments to vendors for costs directly associated with the scope of work on approved awards.
  - 5) Performance periods will not be extended due to a subrecipient's failure to comply with the Single Audit requirement.
  - 6) Payments made in error to subrecipients that are "non-compliant" must be repaid to the State of Alaska within 90 days of receipt of notice from DHS&EM.
4. Procurement and Contracts. Contracts must be of a reasonable cost, generally be competitively bid, and must comply with Federal, State, and local procurement standards. Detailed requirements for eligible procurement methods and contract types can be found in 2 CFR Part 200 Subpart D. The applicant agrees to review and follow procurement and contract requirements necessary for compliance with the grant program. Further, the applicant understands that failure to comply with these requirements may result in loss of funding for the entire project.
  - a. Debarred/Suspended Vendors. As required by Executive Orders 12549 and 12689, Debarment and Suspension, and implemented at 2 CFR Part 180, the applicant certifies that it and its principals:
    - 1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, sentenced to a denial of Federal benefits by a State or Federal court, or voluntarily excluded from covered transactions by any Federal department or agency.
    - 2) Have not within a three-year period preceding this award been convicted of a or had a civilian judgment rendered against them for the commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or perform a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.
    - 3) Are not presently indicted for otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with the commission of any of the offenses enumerated in paragraph (2) of this certification.
    - 4) Have not within a three-year period preceding this application had one or more public transactions (Federal, State, or local) terminated for cause of default. Where the applicant is unable to certify any of the statements in this certification, he or she shall attach an explanation to this application.
    - 5) Domestic Preferences for Procurement. As appropriate and to the greatest extent consistent with law, state and non-state entities should, to the greatest extent practicable under its FEMA award, provide a preference for the purchase of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products). The requirements of this section must be included in all subawards including all contracts and purchase orders for work or products under this award. 2 C.F.R. § 200.322 also provides specific definitions for "Produced in the United States" and "manufactured products" that states should review.
5. Conflict of Interest  
2 CFR Part 200.112 – the subrecipient must disclose in writing to DHS&EM any potential conflict of interest per the applicable Federal awarding agency policy in the award's performance period.
6. False Claims Act, Program Fraud Civil Remedies, and Mandatory Disclosures
  - A. 31 U.S.C. §3729, no recipient of federal payments shall submit a false claim for payment.
  - B. 38 U.S.C. §3801-3812 details the administrative remedies for false claims and statements made.
  - C. 2 CFR Part 200.113 – the jurisdiction must disclose, in a timely manner and in writing to DHS&EM, all violations of Federal criminal law involving fraud, bribery, or gratuity potentially affecting the award.
7. Technology Requirements  
28 FR Part 23, Criminal Intelligence System Operating Policies
8. Research and Development (R&D) Requirements  
Grants awarded to DHS&EM are not R&D
9. Duplication of Benefits  
2 CFR Part 200, Subpart E, Cost Principles
10. Robert T. Stafford Disaster Relief and Emergency Assistance Act, Public Law 93-288, as amended, 42 U.S.C. §5121-5206, and Related Authorities, where applicable.
11. Reducing Text Messaging while Driving.

All subrecipients are encouraged to adopt and enforce policies that ban text messaging while driving as described in E.O. 13513, including conducting initiatives described in Section 3(a) of the Order when on official government business or when performing any work for or on behalf of the federal government.

12. Reporting of Matters Related to subrecipient Integrity and Performance  
If the total value of the subrecipient's currently active grants, cooperative agreements, and procurement contracts from all federal assistance offices exceeds \$10,000,000 for any period of time during the period of performance of this federal financial assistance award, you must comply with the requirements set forth in the government-wide Award Term and Condition for Recipient Integrity and Performance Matters located at 2 C.F.R Part 200, Appendix XII.
13. Reporting Subawards and Executive Compensation  
All subrecipients are required to comply with the requirements set forth in the government-wide Award Term on Reporting Subawards and Executive Compensation located at 2 C.F.R Part 170, Appendix A.
14. SAFECOM  
All subrecipients receiving federal financial assistance awards made under programs that provide emergency communication equipment and its related activities must comply with the SAFECOM Guidance for Emergency Communication Grants, including provisions on technical standards that ensure and enhance interoperable communications.
15. All subrecipients must comply with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in the guidelines of the Environmental Protection Agency (EPA) at 40 C.F.R. Part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition.
16. John S. McCain National Defense Authorization Act of Fiscal Year 2019. Recipients, subrecipients, and their contractors and subcontractors are subject to the prohibitions described in section 889 of the John S. McCain National Defense Authorization Act for Fiscal Year 2019, Pub. L. No. 115-232 (2018) and 2 C.F.R. §§200.216, 200.327, 200.471, and Appendix II to 2 C.F.R. Part 200. The statute – as it applies to DHS recipients, subrecipients, and their contractors and subcontractors– prohibits obligating or expending federal award funds on certain telecommunications and video surveillance products and contracting with certain entities for national security reasons.

**SLCGP Program Terms and Conditions**

The total allocation of the 2022 State and Local Cybersecurity Grant Program awarded to the Division of Homeland Security and Emergency Management (DHS&EM) is \$2,244,983.00 under *Federal Grant EMW-2022-CY-00038-S01, CFDA# 97.137*. The City of Valdez has been awarded \$45,000.00, under amendment #EMW-2022-CY-00038-A09 which shall be used to support state, local, and territorial governments in managing and reducing systemic cyber risk.

The instructions, guidance, limitations, and other conditions outlined in the Notice of Funding Opportunity (NOFO) for this program are incorporated here by reference in the award terms and conditions. All subrecipients must comply with any such requirements outlined in the program NOFO and State program guidance. The performance period of this grant award is October 1, 2024, through December 31, 2025. Project conditions must be completed by this date. The City of Valdez cannot subgrant all or any part of this award to any other entity or organization. All awards require confirmation within the first reporting quarter that activities toward projects will be made, or DHS&EM may execute de-obligation of the funds.

**(A) Changes to Award:** All change requests must be submitted in writing or electronically to the DHS&EM Project Manager, accompanied by a justification narrative and budget/spending plan, for review and approval. Changes must be consistent with the scope of the project and grant guidelines. Requests for changes will be considered only if the reporting requirements are current and if terms and conditions have been met at the time of the request. Changes in the programmatic activities or purpose of the project, changes in key persons specified on the grant award, contractual services for activities central to the purposes of the award, requests for additional funding, changes in the project site, or release of special conditions may result in an amendment to this award. No transfers of funds between budget categories will be authorized, only de-obligation of funds, except on a case-by-case basis.

**(B) Reporting Requirements:** The City of Valdez shall submit timely quarterly *Performance Progress Reports (PPR)* and *Financial Progress Reports (FFR)* to the Project Manager at DHS&EM. Instructions and blank forms are located electronically at <https://www.ready.alaska.gov/Grants> and may be reproduced. Jurisdictions must check the website quarterly for the most current forms. The use of outdated forms will not be accepted. Quarterly reports are due:

Number of Scheduled Reports Due	Subrecipient Performance Period	PPR & FFR Due Dates
1	10/1/2024 - 12/31/2024	January 20, 2025
2	1/1/2025 - 3/31/2025	April 20, 2025
3	4/1/2025 - 6/30/2025	July 20, 2025
4	7/1/2025 - 9/30/2025	October 20, 2025
5	10/1/2025 - 12/31/2025	January 20, 2026
6	Final	February 15, 2026

**Invoices with progress reports will be submitted to DHS&EM by the due date as specified in the above schedule. Should the grant period be extended for any reason, a modified report schedule will accompany the award amendment.**

The *Performance Progress Report (PPR)* contains an AK-PPR-A cover page form and an AK-PPR-B Program Indicators form. Both forms must be completed and submitted by the report due date. Requests for grant extensions, budget adjustments, project realignments, and significant problems or delays are reported on the AK-PPR-A. An AK-PPR-A must be submitted even if no additional information is required. The AK-PPR-B shall describe the progress and percentage of projects completed and detail any related expenditures submitted on the *Financial Progress Report*. The *Financial Progress Reports* shall describe the status of the funds, show encumbrances, and receipts of program income, cash or in-kind contributions to the project, whether or not a local match is required. A final PPR is a summary report showing project completion, evaluating project activities, and measuring performance against project goals for the entire performance period, and is required in addition to the last quarterly PPR. An *After-Action Report/Improvement Plan (AAR/IP)* is required within 30 days of the conduct of an exercise.

**(C) Signatory Requirements:** The primary Signatory Official, Project Manager, and Financial Officer, as listed on the Signatory Authority Form, must sign the original obligating award document and any amendments. Delegates may sign quarterly and final reports. However, the signatures of the Project Manager, Signatory Official, and the Financial Officer should be three different signatures.

**(D) Reimbursements:** Submit on the *Financial Progress Report* form. Reimbursement shall be based upon authorized and allowable expenditures consistent with project narrative, budget details, grant guidelines, and submission of timely quarterly *Performance Progress* and *Financial Progress Reports*. Payments may be withheld pending correction of deficiencies or for use of outdated forms. Reimbursement of expenditures may be requested at any time within the performance period. Expenditures must be supported with source documentation (e.g., copies of invoices, receipts, timesheets with name/wage/hours, cost allocation, warrants, etc.), method of solicitation must be documented with a *Procurement Method Report*, and documentation of payment must be included. Reimbursable expenses include:

- **Personnel Costs:** Payroll reports signed and certified by the Chief Financial Officer that capture the employee's name, position, coded allocation to the project, and amount paid are acceptable. Staff may not self-certify their own time and wages. The subrecipient shall retain all supporting payroll records, including time and attendance records signed by the employee and supervisor and copies of warrants as per the recordkeeping requirements in Section O. Limited to 50 percent for employees assigned to program management functions, not operational duties. The limit does not apply to contractors.
- **Contracts:** All sole-source procurements, single vendor responses to a competitive bid, and service contracts of any value require DHS&EM pre-approval before implementation. Final signed copies of all contracts are required for submission to DHS&EM with the request for reimbursement. Please review the Procurement Method Report for specific requirements.
- **Program Income and Local Match:** Program income may be used to supplement project costs, reduce project costs, or may be refunded to the federal government, and must be used for allowable program costs and be expended before requests for reimbursement. Local matching funds must clearly support the source, the amount, and the timing of all matching contributions.
- **Equipment:** Allowable equipment categories are listed on the web-based Authorized Equipment List (AEL) on the Responder Knowledge Base (RKB). Documentation is required per instructions attached to DHS&EM quarterly reports.
- **Travel:** Travel must be listed in the approved budget.
- **Training:** Requires DHS&EM pre-approval before registering or participating in training opportunities.
- **Exercise:** Requires submission of an AAR/IP within 30 days after the conduct of the exercise.
- **Food and Beverages:** All food and/or beverage expenses require pre-approval by DHS&EM and are only allowable costs if related to a grant-funded sheltering exercise, such as a Mass Care Shelter Exercise where food is prepared as part of the exercise objectives in evaluating food preparation capabilities.

**(E) Unallowable Costs and Activities:** Below is not an all-inclusive list. Please review the FY2023 SLCGP Notice of Funding Opportunity for additional information.

Grant and match funds cannot be used for:

- Spyware
- Microsoft Office
- Construction/Renovation
- To meet a cost-sharing contribution
- To pay a ransom
- For recreational or social purposes
- To pay for cybersecurity insurance premiums
- To acquire land or to construct, remodel, or perform alternations of buildings or other physical facilities or
- For any purpose that does not address cybersecurity risks or cybersecurity threats on information systems owned or operated by, or on behalf of, the eligible entity that receives the grant or a local government within the jurisdiction of the eligible entity.
- Salaries and personnel costs of planners, equipment managers, exercise coordinators, and/or training coordinators
- Supplanting any expense already budgeted
- Reimbursable training and related travel costs not pre-approved by DHS&EM
- Contracts and procurements over \$10,000.01 not pre-approved by DHS&EM
- Sole source contracts and procurements not pre-approved by DHS&EM
- Stand-alone working meals

- Expenditures not supported with appropriate documentation when submitted for reimbursement. Only properly documented expenditures will be processed for payment. Unsupported expenditures will be returned for resubmission by the jurisdiction.
- For any recipient or subrecipient cost-sharing contribution.

**(F) Property and Equipment Management:** The City of Valdez shall maintain an effective property management system; safeguards to prevent loss, damage, or theft; maintenance procedures to keep equipment in good condition; and disposition procedures. A *Property Inventory Report* must be submitted to DHS&EM annually each **June 20**, and continued submission is required annually until final disposition of the equipment. No equipment purchased with these grant funds may be assigned to other entities or organizations without written approval from DHS&EM prior to the jurisdiction's encumbrance or expenditure for that equipment. Management of property and equipment shall be in accordance with state laws and procedures as outlined in 2 CFR Subpart D (200.210-200.316). For items over \$5,000.00, a Single Equipment Reporting Form must be submitted at the time of reimbursement at the time of reimbursement request

**(G) Procurement:** A *Procurement Method Report* documenting the method of solicitation is required for reimbursement for every procurement (with the exception of local advertising, legal notices, and travel arrangements). Contractors that develop or draft specifications, requirements, *Statements of Work (SOW)*, and/or *Requests for Proposals (RFP)* for a proposed procurement shall be excluded from bidding or submitting a proposal to compete for the award of such procurement. Local bidder's preference is not allowed for federally funded procurements. Procurement transactions shall be conducted to provide maximum open and free competition. Pre-approvals may be required at multiple steps in the procurement process. Please see the *Procurement Method Report* for additional details.

**(H) Contracts:** Any contract entered into during this grant period shall comply with local, state, and federal government contracting regulations. To the extent that subrecipients of a grant use contractors, subrecipients shall use small, minority, women-owned, or disadvantaged business concerns and contractors to the extent practicable. Contracts for professional and consultant services must include local, state, and federal government-required contract language and a project budget and require pre-approval by DHS&EM before implementation. Contract deliverables must meet the intent of the grant application and grant requirements. Justification is required for compensation for individual consultant services, which must be reasonable and consistent with the amount paid for similar services in the marketplace. Detailed invoices and time and effort reports are required for consultants. A *Procurement Method Report* documenting the method of solicitation is required for reimbursement for every procurement.

**(I) Use of DHS Seal, Logo, and Flags:** All subrecipients must obtain DHS&EM approval before using the DHS seal(s), logos, crests, or reproductions of flags or likenesses of DHS agency officials, including use of the United States Coast Guard seal, logo, crests or reproductions of flags of likenesses of Coast Guard officials.

**(J) Publications and Copyright:** All subrecipients must affix the applicable copyright notices of 17 U.S.C. § 401 or 402 and an acknowledgment of Government sponsorship (including award number) to any work first produced under Federal financial assistance awards unless the work includes any information that is otherwise controlled by the Government (e.g., classified information or other information subject to national security or export control laws or regulations) Publications created with funding under this grant should prominently contain the following statement: ***This document was prepared under a grant from the Federal Emergency Management Agency (FEMA)'s Grant Programs Directorate, U.S. Department of Homeland Security and the Alaska Division of Homeland Security and Emergency Management. Points of view or opinions expressed in this document are those of the authors and do not necessarily represent the official position or policies of FEMA's Grant Programs Directorate, the U.S. Department of Homeland Security, or the State of Alaska.***

**(K) Acknowledgement of Federal Funding:** All subrecipients must acknowledge their use of federal funding when issuing statements, press releases, requests for proposals, bid invitations, and other documents describing projects or programs funded in whole or in part with Federal funds.

**(L) Federal Debt Status:** All subrecipients are required to be non-delinquent in their repayment of any Federal debt. Examples of relevant debt include delinquent payroll and other taxes, audit disallowances, and benefit overpayments. See OMB Circular A-129 and form SF-424, item number 17, for additional information and guidance.

**(M) False Claims Act and Program Fraud Civil Remedies:** All subrecipients must comply with 31 U.S.C. § 3729 requirements, which set forth that no sub-recipient of federal payments shall submit a false claim for payment. See also 38 U.S.C. § 3801-3812, which details the administrative remedies for false claims and statements made.

**(N) Recordkeeping Requirements:** Grant financial and administrative records shall be maintained for a period of three (3) years following the date of the closure of the grant award or audit if required. Time, effort, personnel, and payroll records must be maintained for all individuals reimbursed under the award. Property and equipment records shall be

maintained for a period of three (3) years following the final disposition, replacement, or transfer of the property and equipment.

**(O) Performance Measures:** Quarterly Progress Reports shall demonstrate performance and progress relative to:

1. Acceptable performance on applicable critical tasks in Exercises using approved scenarios
2. Progress in achieving project timelines and milestones identified in the Quarterly Activities Plan
3. Percent measurable progress toward completion of the project
4. How funds have been expended during the reporting period, and explain expenditures related to the project

**(P) Subrecipient Monitoring Policy:** Periodic monitoring is required to ensure that program goals, objectives, timelines, budgets, and other related program criteria are met. DHS&EM reserves the right to periodically monitor, review, and conduct analysis of the City of Valdez's financial, programmatic, and administrative policies and procedures, such as, accounting for receipts and expenditures, cash management, maintaining adequate financial records, means of allocating and tracking costs, contracting and procurement policies and records, payroll records and means of allocating staff costs, property/equipment management system(s), progress of project activities, etc. This may include desk and field audits. Technical assistance is available from DHS&EM staff. The Monitoring Policy is available in the Grants Management Handbook.

**(Q) Penalty for Non-Compliance:** For the reasons listed below, special conditions may be imposed, reimbursements may be partially or wholly withheld, the award may be wholly or partly suspended or terminated, or future awards, reimbursements, and award modifications may be withheld. DHS&EM may institute the following, but is not limited to, withholding authority to proceed to the next phase of a project, requiring additional or more detailed financial reports, additional project monitoring, and/or establishing additional prior approvals. DHS&EM shall notify the City of Valdez of its decision in writing, stating the nature and the reason for imposing the conditions/restrictions, the corrective action required and the timeline to remove them, and the method of requesting reconsideration of the imposed conditions/restrictions. The City of Valdez must respond within five (5) days of receipt of notification:

1. Unwillingness or inability to attain project goals
2. Unwillingness or inability to adhere to Special Conditions or Grant Assurances.
3. Failure or inability to adhere to grant guidelines and federal compliance requirements
4. Improper procedures regarding contracts and procurements
5. Inability to submit reliable and/or timely reports
6. Management systems which do not meet federally required management standards

**(R) Termination for Cause:** If performance is not occurring as agreed, the award may be reduced or terminated without compensation for reduction or termination costs. DHS&EM will provide five (5) days' notice to the City of Valdez stating the reasons for the action, steps taken to correct the problems, and the commencement date of the reduction or termination. DHS&EM will reimburse the City of Valdez only for acceptable work or deliverables and necessary and allowable costs incurred through the date of reduction or termination. Final payment may be withheld at the discretion of DHS&EM until a final DHS&EM review is completed. Any equipment purchased under a terminated grant may revert to DHS&EM at the option of DHS&EM.

**(S) Termination for Convenience:** Any project may be terminated upon convenience, in whole or in part, for the convenience of the Government. The U.S. Department of Commerce and the DHS&EM, by written notice, may terminate this grant, in whole or in part, when it is in the Government's interest. Allowable costs obligated and/or incurred through the date of termination shall be reimbursed. Any equipment purchased under a terminated grant may revert to DHS&EM at the option of DHS&EM.

**(T) Project Implementation:** Due to the competitiveness of the 2022 State and Local Cybersecurity Grant Program, approved projects must be ready-to-go. Project implementation shall begin within the first reporting quarter.

1. If a project cannot be operational within the first reporting quarter of the approved award date, the subrecipient should notify DHS&EM of the implementation delay and expected starting date. At the discretion of DHS&EM, the grant award is subject to cancellation, and funds may be de-obligated and reallocated to other projects if project implementation is unjustifiably delayed.

**(U)** The City of Valdez shall comply with the requirements and restrictions of the Federal Fiscal Year (FFY) 2022 State and Local Cybersecurity Grant Program (SLCGP) Guidance, State Overview and Guidelines, State Preparedness Report, and the Alaska Cybersecurity Plan. By signing this obligating award document, the City of Valdez certifies it has read, understood, and accepted these documents as binding.

**(V)** No funds will be reimbursed until City of Valdez fiscal and programmatic representatives attend a Grant Kick-Off Meeting to be held electronically in October 2024.

**(W)** The City of Valdez must complete a Quarterly Activities Plan by January 20, 2025. Information on this requirement will be provided at the Grant Kick-Off meeting.

**(X)** The City of Valdez must complete the Nationwide Cybersecurity Review (NCSR) by January 20, 2025. More information on this online self-assessment will be provided at the Grant Kick-Off Meeting and can be found in the 2023 SLCGP NOFO: DHS&EM | State and Local Cybersecurity Grant Program (SLCGP) (alaska.gov).

**(Y)** The City of Valdez must register for the Cyber Hygiene Services by April 20, 2025. More information on this service will be provided at the Kick-Off Meeting and can be found in the 2023 SLCGP NOFO: DHS&EM | State and Local Cybersecurity Grant Program (SLCGP) (alaska.gov).

**Special Conditions**

**None**

*We certify we have read, understood, and accept the Grant Terms and Conditions, the Grant Requirements, and Assurances and Agreements, and Special Conditions in accordance with this Award.*

\_\_\_\_\_  
*Project Manager's Signature*

\_\_\_\_\_  
*Chief Financial Officer's Signature*

\_\_\_\_\_  
*Signatory Official's Signature*



## Project Budget Details

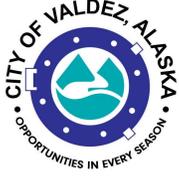
### 2022 State and Local Cybersecurity Grant Program

#### Valdez, City of

#### Reported Revision 0

PBD #	Expense Category	Solution Area	Discipline	Budgeted Cost	PBD Amount Spent	PBD Balance
1	Plan.Org	Plans.Protocols	Cyber Security	\$4,500.00	\$0.00	\$4,500.00
<input type="checkbox"/> EHP <input type="checkbox"/> Canceled <input type="checkbox"/> BABAA				State:	\$4,500.00	\$4,500.00
				Federal:	\$40,500.00	\$40,500.00
Item: Cybersecurity Risk Assessment						
Description: Conduct cybersecurity risk assessments to identify existing cybersecurity gaps, risks, and threats.						
Investment: Objective 1 - Develop & establish appropriate governance structures, including by developing, implementing, or revising Cybersecurity Plans.						

Adjusted Grant Total	Total PBD Allocations	Total Expenses	Summary Balance
State: \$4,500.00	\$4,500.00	\$0.00	\$4,500.00
Federal: \$40,500.00	\$40,500.00	\$0.00	\$40,500.00
Grand Total: \$45,000.00	\$45,000.00	\$0.00	\$45,000.00



## Legislation Text

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**File #:** RES 24-0048, **Version:** 1

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**ITEM TITLE:**

#24-48 - Adopting the City of Valdez Economic Development Strategic Plan

**SUBMITTED BY:** Martha Barberio, Economic Development Director

**FISCAL NOTES:**

Expenditure Required: N/A

Unencumbered Balance: N/A

Funding Source: N/A

**RECOMMENDATION:**

Approve Resolution 24-48.

**SUMMARY STATEMENT:**

The Valdez Economic Diversification Commission (EDC) developed a five-year Economic Strategic Plan for the community of Valdez. The EDC began work in February 2023, developing more than 40 draft economic initiatives. In February 2024, more than 60 community leaders were invited to participate in a prioritization exercise to rank plan elements.

Through these efforts the EDC developed an economic plan with 30 economic initiatives, 6 of which they elevated to priority objective status. In June 2024 the EDC approved this plan. Valdez project champions were identified to develop and oversee the six priority objectives.

On July 16, 2024, the plan was presented to the city council as a discussion item on the City Council agenda. Staff received feedback from the City Council and adjusted the plan accordingly. Now it is being presented for adoption.

CITY OF VALDEZ, ALASKA

RESOLUTION #24-48

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA, ADOPTING THE CITY OF VALDEZ ECONOMIC DEVELOPMENT STRATEGIC PLAN

WHEREAS, the Economic Development Strategic Plan has been created and can be used to support the city's economic development mission as well as the economic theme and goals of the community's comprehensive plan; and

WHEREAS, the purpose of the plan is to provide a five-year Economic Strategic Action Plan for the community of Valdez which includes 30 economic initiatives and 6 priority objectives; and

WHEREAS, more than 60 community leaders were invited to participate in a prioritization exercise to rank plan elements, included in this process were the Valdez community, local stakeholders, Valdez City Council, and multiple City commissions; and

WHEREAS, this input guided the Economic Diversification Commission in compiling the final plan.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA, that

Section 1. The City Council of the City of Valdez, Alaska hereby adopts the attached City of Valdez Economic Strategic Plan as an official plan (Appendix A).

Section 2. The City of Valdez will incorporate the City of Valdez Economic Strategic Plan into the City Comprehensive Plan and other City planning efforts.

PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA, this 6<sup>th</sup> day of November 2024.

CITY OF VALDEZ, ALASKA

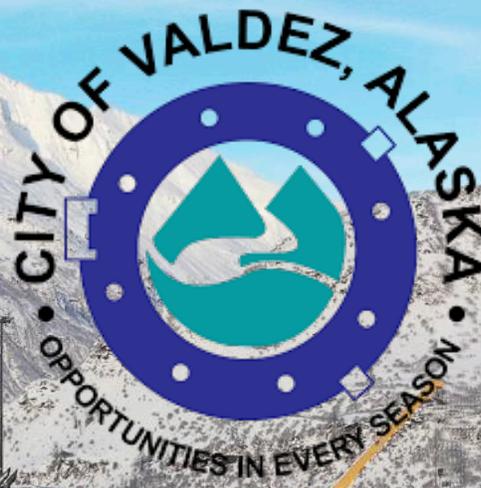
\_\_\_\_\_  
Dennis Fleming, Mayor

ATTEST:

\_\_\_\_\_  
Sheri L. Pierce, MMC, City Clerk

# Valdez Economic Strategic Action Plan 2030

The Valdez Economic Diversification  
Committee's Five-Year Plan for the  
Community of Valdez



Updated October 2024



Housing



Tourism



Workforce



Energy



Transportation



Docks &  
Harbors



Seafood



Social  
Services



Prepared by  
Rain Coast Data

## Introduction

The Valdez Economic Diversification Committee (EDC) developed five-year Economic Strategic Action Plan for the community of Valdez. The EDC began work in February 2023, developing more than 40 draft economic initiatives. In February 2024, more than 60 community leaders were invited to participate in a prioritization exercise to rank plan elements. Through these efforts the EDC developed an economic plan with 30 economic initiatives, 6 of which they elevated to priority objective status. In June 2024 the EDC approved this plan. Valdez project champions were identified to develop and oversee the six priority objectives.

The EDC is a seven-member advisory commission to the Valdez City Council (VCC) on activities related to economic development and diversification in Valdez. The EDC supports the City Economic Development in achieving the Valdez economic mission. The City of Valdez Economic Development Department's Mission is "to promote an environment of opportunity through the attraction of new businesses and retention of existing businesses, and by providing the resources that enable and advance the wellbeing for all citizens of Valdez." Guidance in achieving this mission comes from the Valdez Comprehensive Plan. One of the Comprehensive Plan's seven themes is a Thriving, Stable & Sustainable Economy, with four goal areas to attain that overall economic vision:

1. Build upon Valdez's core economy
2. Pursue a diverse and self-reliant economy
3. Promote Valdez as a destination
4. Improve regional connectivity

The City contracted Rain Coast Data to support the EDC in its planning work. The EDC drew from previous Valdez planning and economic development efforts to develop the Valdez Economic Strategic Action Plan. The EDC's Valdez Economic Strategic Action Plan can be used to support the city's economic development mission as well as the economic theme and goals of the community's comprehensive plan. The Plan's 30 initiatives, along with the top six priorities for the City of Valdez over the next five years, are presented on the following pages.

## The following sections form the basis for the Valdez Economic Plan:

**Introduction page 1;**

**One page Strategic Plan Summary page 2;**

**Summary Background** of economic conditions in Valdez, using Valdez by the Numbers  
**pages 3-13;**

**Strategic Direction Action Plan Initiatives** incorporating elements identified through planning process, other plans, and stakeholder feedback to develop the economic strategies for Valdez  
**pages 14-20;**

- **Housing Initiatives page 14**
- **Workforce Initiatives page 15**
- **Social Services Initiatives page 16**
- **Transportation Initiatives page 17**
- **Recreation and Visitor Initiatives page 17**
- **Oil and Energy Initiatives page 19**
- **Ports and Harbors Initiatives page 19**
- **Seafood page 19**

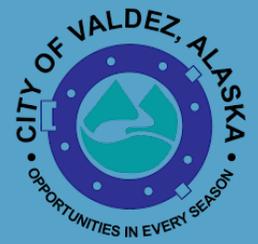
**Strategic Direction Priority Objective Descriptions and Evaluation Framework** to identify and monitor performance measures associated with the plan  
**pages 21-33;**

- **Priority Objectives #1, #4: Promote Housing Availability and Price Affordability; Increase Supply of Rental Housing page 21**
- **Priority Objective #2 Salmon Hatchery Support page 23**
- **Priority Objective #3 Child Care Expansion and Support in Valdez page 25**
- **Priority Objective #5 Promote Valdez as a Destination page 28**
- **Priority Objective #6 Healthcare Workforce Development page 32**

**Links to other local planning documents page 34**

**Valdez Economic Diversification Commission roster page 35**

# VALDEZ ECONOMIC STRATEGIC ACTION PLAN 2030 SUMMARY



The Valdez Economic Diversification Committee (EDC) developed the Valdez Economic Strategic Action Plan 2030 between February 2023 and October 2024. The Plan includes 30 economic initiatives, and 6 priority objectives. In July 2024, the Valdez City Council directed staff to move forward with EDC's recommendations. The Plan's prioritized objectives are presented below.

## HOUSING INITIATIVES

- ★ 1. **Priority** Promote Housing Availability and Price Affordability
- ★ 2. **Priority** Increase Supply of Rental Housing
- 3. Strategic Housing Subdivision Planning
- 4. Continue to Develop Housing-Directed Incentive Programs
- 5. Focus on Development of Workforce Housing
- 6. Short-Term Rental Analysis
- 7. Reduce Dependence on Mobile Homes in Valdez



## WORKFORCE INITIATIVES

- ★ 1. **Priority** Health Care Workforce Development
- 2. Maritime Workforce Development
- 3. Support Prince William Sound College
- 4. Commercial Drivers License Class/ More Certified Drivers



## SOCIAL SERVICES INITIATIVES

- ★ 1. **Priority** Childcare Expansion
- 2. Quality of Life

## SEAFOOD INITIATIVES

- ★ 1. **Priority** Salmon Hatchery Support
- 2. Strengthen the Marine Industrial Sector
- 3. Understand Threats to Valdez Seafood Sector
- 4. Mariculture



## RECREATION & VISITOR INITIATIVES

- ★ 1. **Priority** Promote Valdez as a Destination
- 2. Sports Fishing Enhancement for Visitors
- 3. Support Winter Tourism
- 4. Tourism Best Management Practices
- 5. Wayfinding



## OIL/ENERGY INITIATIVES

- 1. Energy Efficiency Support & Promote Beneficial Electrification
- 2. Continue to Support Core Valdez Oil Sector
- 3. Continued Support for Strong Coast Guard Presence



## PORTS AND HARBORS INITIATIVES

- 1. Complete Small Boat Harbor
- 2. Enhance Cruise Ship Dockage Facilities in Valdez



## TRANSPORTATION INITIATIVES

- 1. Ferry Connectivity
- 2. Strengthening FAA Capacity and Enhanced Air Connectivity
- 3. Bus Transit System between Valdez and Anchorage



# VALDEZ ALASKA

## by the Numbers 2024

The economic overview is updated annually

### CHANGES 2021 to 2023



THE **LABOR FORCE** INCREASED BY **57 JOBS** TO **2,721 JOBS**, +2%. **TOTAL WAGES** INCREASED BY **\$23 MILLION** TO \$212 MILLION, +12%



**POPULATION** DECREASED BY **3% TO 3,852** -129 PEOPLE



**SEAFOOD EMPLOYMENT** DECREASED BY **23%**. **VALUE OF SEAFOOD LANDED** DECREASED BY **40%**, -\$15 MILLION



**TOURISM EMPLOYMENT** INCREASED BY **16%**. **TOTAL PASSENGER/VISITOR ARRIVALS** INCREASED BY **20%** TO **85,087**



**OIL RELATED MARINE TRANSPORTATION** JOBS INCREASED BY **61%**

### THE VALDEZ ECONOMY

## 2023

Between 2021 and 2023, the community of Valdez added 57

jobs, a 2% increase, while the average annual wage grew by 10% to \$78,024.

Two economic sectors in Valdez saw substantial gains. Marine transportation, primarily in work directly supporting Valdez's oil sector, expanded its workforce by 59 jobs, a 61% increase. The tourism sector also grew as 14,000 more visitors came to the community, increasing jobs by 16% (53 annualized jobs).

Conversely, two other sectors experienced significant decline. The social services sector lost 29% of its workforce, a loss of 31 jobs, and 22% of its wages. The seafood sector reduced employment by 23% (69 jobs) as the value of the catch plummeted by 40%. However, total earnings in the seafood sector rose, and the value of seafood processed tripled.

The population fell in 2023 as the community lost 129 residents compared to 2021, and K-12 enrollment levels dropped sharply. However, Prince William Sound college enrollment increased by 22%.

By 2023, Valdez had mostly recovered from the pandemic economy. Compared to 2018, the community was still down by 161 jobs, although total wages grew by 33%, a \$53 million total wage increase in the community.

This publication was developed on behalf of the Valdez Economic Diversification Commission, an advisory commission to the City Council on activities related to economic development in Valdez.

## 2024

2024 projections show a mixed outlook for Valdez.

**Demographics:** The Valdez population has declined in nine of the past eleven years. Continued incremental population declines are projected. Combined with an aging workforce, this will make job growth more challenging.

**Workforce:** Overall, flat to moderate workforce gains are expected in 2024.

**Seafood:** Expectations were low for the 2024 Prince William Sound salmon run, but the catch has come in far below expectations. As the season comes to an end, PWS's fleet has harvested less than a third of the pinks and chum it has historically harvested at this point. Moreover, prices remain unusually low following 2023 trends.

**Tourism:** The visitor sector is expected to experience continued growth. In 2024, visitor traffic is expected to increase by 3%, as nearly 3,000 visitors will arrive in Valdez as cruise passenger disembarkments continue to rise. However, air and ferry passenger numbers are expected to decline in 2024.

**Coast Guard:** Coast Guard jobs in Valdez are expected to grow in 2024.

# The Whole Valdez Alaska Economy 2023

In 2023, Valdez gained 57 year-round equivalent jobs, and wages increased by 12% compared to 2021

## Annual Average Jobs

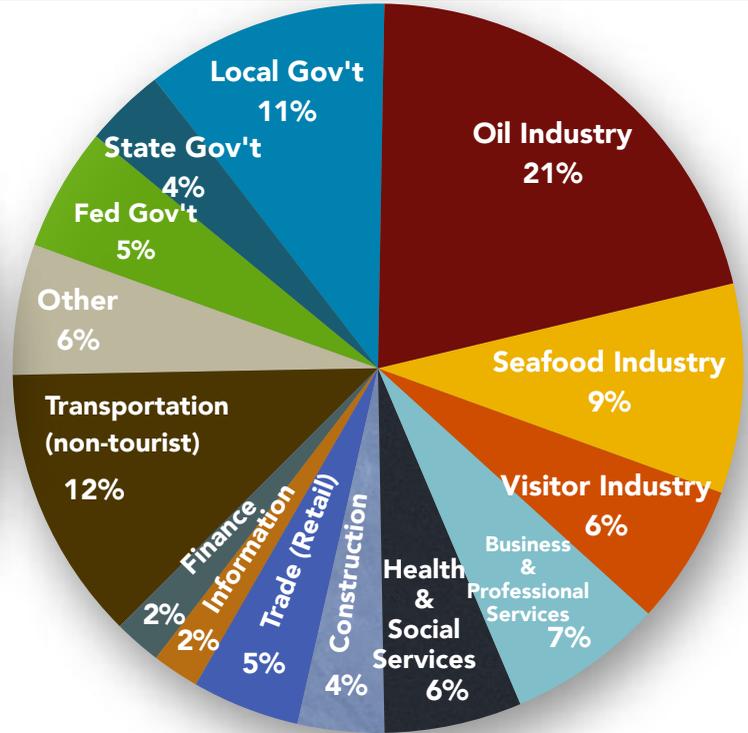
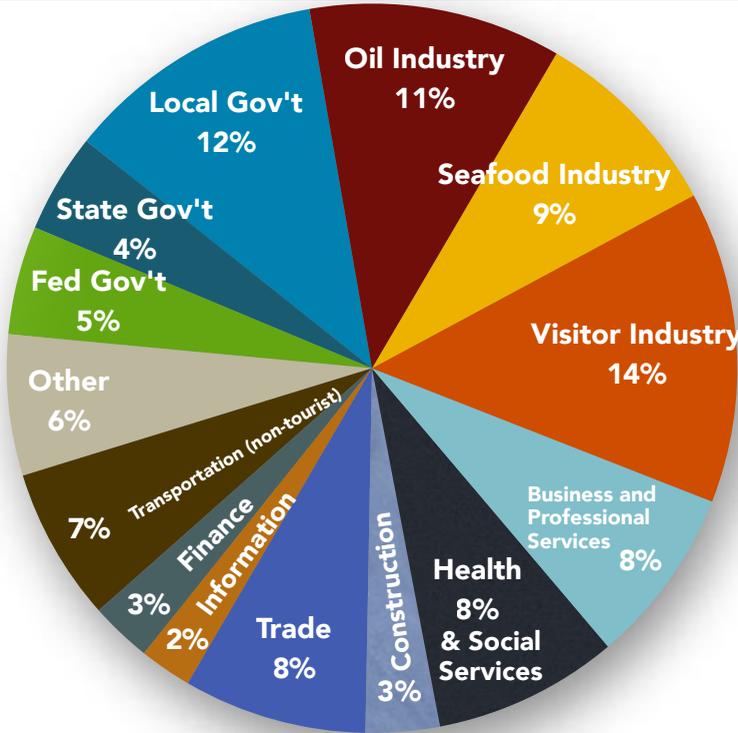
2,721 Jobs

UP 57 JOBS SINCE 2021 2%

## Employment Earnings

\$212 Million Workforce Earnings

UP \$23 MILLION +12%



## 2023 Valdez Alaska Employment Earnings

	EMPLOYMENT RELATED EARNINGS			EMPLOYMENT NUMBERS			Change 2021 to 2023
	Wages (2023)	Self-Employment Earnings (est.)	Total Earnings	Annual Average Employment (2023)	Self-Employed (est.)	Total Employment	
Government (includes Coast Guard)	\$34,722,420	\$7,290,000	\$42,012,420	484	81	565	7
Oil Industry	\$44,539,928	\$4,000	\$44,543,928	302	2	304	7
Seafood Industry	\$14,800,254	\$4,910,550	\$19,710,804	199	38	237	-69
Visitor Industry	\$10,590,169	\$2,579,850	\$13,170,019	299	77	376	53
Professional and Business Services	\$12,452,697	\$2,167,170	\$14,619,867	130	85	214	-9
Health Care & Social	\$12,243,006	\$686,670	\$12,929,676	206	17	223	-46
Construction Industry	\$5,818,070	\$2,311,930	\$8,130,000	50	39	89	-6
Trade: Retail and Wholesale	\$7,558,367	\$2,551,200	\$10,109,567	172	49	221	12
Information	\$4,239,756	\$188,470	\$4,428,226	59	5	63	-3
Financial Activities	\$2,125,975	\$2,338,560	\$4,464,535	34	40	74	4
Non-Visitor Transportation	\$24,439,759	\$1,498,360	\$25,938,119	163	22	185	51
Other	\$10,013,772	\$2,264,460	\$12,278,232	98	72	170	56
<b>Total</b>	<b>\$183,544,123</b>	<b>\$28,791,220</b>	<b>\$212,335,393</b>	<b>2,196</b>	<b>526</b>	<b>2,721</b>	<b>57</b>

**Sources:** Alaska Department of Labor Employment & Wage data; (latest available) US Census Nonemployer (self-employment) Statistics; Active Duty Military Population, ADOL.  
 \*These cells in Government refer to active duty Coast Guard personnel employment and wages, and not self-employment data. **Notes: Seafood Industry** includes animal aquaculture, fishing & seafood product preparation, and Valdez resident commercial fishermen (nonresident fishermen & crew who did not report income are excluded). **Visitor Industry** includes leisure & hospitality, and visitor transportation (air, water, scenic).  
 Cover photo by Jeremy Talbott.

# Appendix A- Resolution 24-48 CHANGE IN THE LAST 5 YEARS

Table tracks key Valdez indicators over the past 5 years, along with changes.

GENERAL ECONOMIC CONDITIONS	2018	2021	2023	% CHANGE 2021-2023	CHANGE 2021-2023
Total Labor Force (jobs, includes self-employed & Total Job Earnings <sup>1, 5, 6</sup>	2,882	2,664	2,721	2%	57
Total Private Sector Payroll <sup>1, 6</sup>	\$158.5 million	\$189.5 mill	\$212.3 mill	12%	\$22.8 mill
Average Annual Wage <sup>1</sup>	\$55,002	\$71,150	\$78,024	13%	\$19 million
Annual Unemployment Rate <sup>1</sup> (Chugach Census Area)	6.7%	2.5%	4.7%	10%	\$6,874
				2.2%	2.2%
TOP ECONOMIC SECTORS	2018	2021	2023	% CHANGE	CHANGE
GOVERNMENT	PUBLIC SECTOR: 20% OF ALL EMPLOYMENT EARNINGS				
Total Government Employment <sup>1, 5</sup>	631	558	565	1%	7
Federal Employment <sup>1, 5</sup> (8% of all employment)	130	128	131	2%	3
State Employment <sup>1</sup> (14% of all job earnings)	139	116	120	4%	4
City Employment <sup>1</sup> (12% of all job earnings)	362	314	314	0%	0
Total Government Payroll (includes USCG) <sup>1, 5</sup>	\$37 million	\$38.2 mill	\$42 million	10%	\$3.8 million
City Payroll <sup>1</sup>	\$18.1 million	\$21.3 mill	\$22.8 mill	7%	\$1.5 million
OIL ECONOMY (Includes employment from all industries)	KEY INDUSTRY: 21% OF ALL EMPLOYMENT EARNINGS				
Oil Employment <sup>1, 5, 6</sup>	330	297	304	2%	7
Oil Wages <sup>1, 5, 6</sup>	\$42,937,860	\$43,103,444	\$44,543,928	3%	\$1.4 million
Avg. Daily Volume ANS Oil Production (MCF)	508,601	479,066	482,742	1%	3,676 mcf
Annual Avg. Domestic Crude WTI Oil Prices (in \$/Barrel) <sup>14</sup>	\$75.42	\$71.71	\$82.57	15%	\$11
City oil and gas property tax revenue (FY2019 & FY2023) <sup>7</sup>	\$38.4 million	\$39.03 mill	\$42.36 mill	9%	\$3.3 million
COMMERCIAL FISHING & SEAFOOD INDUSTRY	KEY INDUSTRY: 9% OF ALL EMPLOYMENT EARNINGS				
Total Seafood Employment (includes fishermen)	296	306	237	-23%	-69
Total Seafood Employment Earnings <sup>1, 6</sup>	\$12.3 million	\$17.5 mill	\$19.7 mill	13%	\$2.2 million
Commercial Fishing Boats Homeported in Valdez <sup>15</sup>	65	82	70	-15%	-12
Pounds of Seafood Processed <sup>13</sup>	61 million	16.7 million	94.8 million	467%	78 million
Value of Seafood Processed <sup>13</sup>	\$169 million	\$55 million	\$220 million	299%	\$164 million
Pounds Landed <sup>8</sup>	48.1 million	81.4 mill	80.8 mill	-1%	-654,847
Estimated Gross Earnings (ex-vessel value of pounds landed) <sup>8</sup>	\$28 million	\$37.2 mill	\$22.3 mill	-40%	-\$15 million
TRANSPORTATION (NON-TOURISM)	KEY INDUSTRY: 12% OF ALL EMPLOYMENT EARNINGS				
Marine and Road Transportation Employment	99	134	185	38%	51
Marine and Road Transportation Wages <sup>1, 6</sup>	\$7.6 million	\$21.1 mill	\$25.9 mill	23%	\$4.8 million
HEALTH CARE & SOCIAL SERVICES INDUSTRY	KEY INDUSTRY: 6% OF ALL EMPLOYMENT EARNINGS				
Health Care & Social Services Employment <sup>1, 6</sup>	282	269	223	-17%	-46
Health Care & Social Services Wages <sup>1, 6</sup>	\$11.7 million	\$13.4 mill	\$12.9 mill	-4%	-\$479,581
VISITOR INDUSTRY	KEY INDUSTRY: 14% OF ALL JOBS				
Total Visitor Industry Employment <sup>1, 6</sup>	435	323	376	16%	53
Total Visitor Industry Wages/Earnings <sup>1, 6</sup>	\$9.8 million	\$10.5 mill	\$13.2 mill	26%	\$2.7 million
Hotel & Motel City Tax Revenue <sup>7</sup>	\$445,299	\$497,407	\$500,000	1%	\$2,593
<b>Total Valdez Passenger Arrivals</b>	<b>65,958</b>	<b>70,982</b>	<b>85,087</b>	<b>20%</b>	<b>14,105</b>
Recreation Visitors Arriving by Road estimate <sup>16</sup>		Estimated at approximately 50,000 per year			
Total Cruise Passengers <sup>10</sup>	0	13,182	25,275	92%	12,093
Total Air Passenger <sup>11</sup>	10,347	4,476	4,082	-9%	-394
Total Ferry Passengers <sup>12</sup>	5,611	3,324	5,730	72%	2,406
DEMOGRAPHICS	2018	2021	2023	% CHANGE	CHANGE
Total Population <sup>1</sup>	4,023	3,981	3,852	-3%	-129
Under Age 15 <sup>2</sup>	858	833	768	-8%	-65
Twenty-somethings <sup>2</sup>	482	479	469	-2%	-10
Ages 65 and older <sup>2</sup>	364	451	503	12%	52
K-12 School District Enrollment <sup>3</sup>	685	686	565	-18%	-121
Prince William Sound College Enrollment <sup>9</sup>	895	594	725	22%	131
OTHER SELECTED STATISTICS	2018	2021	2023	% CHANGE	CHANGE
Cost of Living: Consumer Price Index <sup>1</sup>	150%	146%	142%	-4%	-4%
Housing Units Permitted/Completed <sup>4, 1</sup>	1	10	29	190%	19

**Sources:** <sup>1</sup>Alaska Department of Labor (ADOL); <sup>2</sup>ADOL Southeast Alaska Population by Age; <sup>3</sup>Alaska Department of Education and Early Development; <sup>4</sup>Based on the quarterly Alaska Housing Unit Survey; <sup>5</sup>US Coast Guard; <sup>6</sup>US Census Nonemployer (self-employment) Statistics; <sup>7</sup>City of Valdez; <sup>8</sup>ADF&G Valdez Commercial Seafood Industry Harvest and Ex-Vessel Value Information; <sup>9</sup>UAA; <sup>10</sup>Cruise Line Agencies of Alaska; <sup>11</sup>US Bureau of Transportation Statistics (BTS); <sup>12</sup>Alaska Marine Highway System data; <sup>13</sup>ADF&G E2 Production Shorebased Processors and Direct Marketers; <sup>14</sup>Alaska Department of Revenue Crude Oil and Natural Gas Prices; <sup>15</sup>Commercial Fisheries Entry Commission. <sup>16</sup>Traffic Volume Counts Valdez <https://alaskatrafficdata.drakewell.com/publicmultinodemap.asp>

# VALDEZ OVERVIEW

## THE CITY

Valdez is a picturesque coastal community nestled deep in Prince William Sound at the base of the towering Chugach Mountains. The town, named after a Spanish naval officer, encompasses a total area of 277 square miles, including 55 square miles of water.

Valdez is easily accessible via the Richardson Highway, which links the town to Alaska's road system. The area serves as the southern terminus of the Trans-Alaska Pipeline System (TAPS), a vital energy infrastructure that transports oil from the North Slope to the ice-free waters of Valdez.

Despite its remote location, Valdez is a thriving community with 3,850 residents. The town's stunning natural beauty, abundant recreational opportunities, and rich cultural heritage make it a popular destination for visitors.

## CULTURE

The Valdez area was originally known as Saucit, which translates to "the people from the place that rises into view." The area is situated in the ancestral homeland of the Chugach Alutiiq/Sugpiaq people, and served as a meeting place for Alaska Native communities to gather, hunt, fish, and trade since ancient times. Those that historically lived in Valdez year-round included the Sugpiaq and Eyak.

## ECONOMIC TRENDS

Valdez originated as a makeshift settlement and supply hub for gold-seeking miners during the late 1800s. The military later erected a fort in the area to capitalize on its ice-free port, establishing a trail to Fairbanks that would eventually become the Richardson Highway. By the 1920s, the fishing industry was flourishing.

In 1964 the Good Friday earthquake triggered a landslide that devastated Valdez, and much of the community had to be rebuilt. Valdez's modern economy took shape in the early 1970s when it was selected as the endpoint for the 800-mile trans-Alaska oil pipeline system and oil storage-transfer marine terminal. The pipeline is one of the world's largest, having transported a staggering 18.6 billion barrels of oil through Valdez. The area also served as a critical staging ground for the cleanup efforts following the Exxon-Valdez oil spill in 1989.

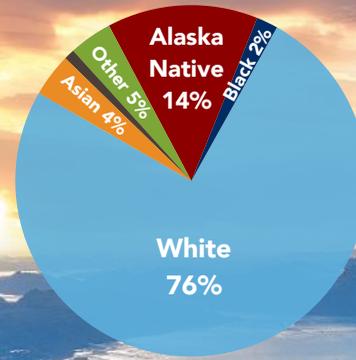
Throughout the 1990s and 2010s, the economy of Valdez remained relatively steady. The pandemic had a significant impact on commerce and traffic to the region, but Valdez has seen a strong recovery. The top economic sectors in Valdez include oil, seafood, transportation, and tourism, which adds a seasonal element to the Valdez workforce.

In 2023, the workforce peaked at 2,824 workers in July, and saw its fewest numbers in January with 1,881 employees, a difference of nearly 1,000. This is due to two sectors: the seafood sector, which ranged from 651 workers in July, and fewer than 100 workers in the off season; and the tourism sector, which peaked at 511 in July 2023, and was at half that workforce in January.



# DEMOGRAPHICS

## Population 3,850



**2023** In 2023, the city of Valdez had 3,852 residents. While the population of Valdez has remained around 4,000 people during the last four decades, it is currently on a downward trend. The Valdez population declined in nine of the past 11 years, falling by 318 residents from its most recent peak in 2012, an overall loss of 8%. The most significant loss was in 2023, when the community lost 100 people from 2022. The largest declines were among those under 15, losing 42 residents, and the 45-60 year olds, an age group that lost 61 residents.

### K-12 SCHOOL ENROLLMENT DOWN

School enrollment of K-12 students in Valdez public schools declined sharply over the past two years. In the 2023-2024 school year, Valdez had an enrollment of 565 students. In the past two years the number of children enrolled in Valdez public schools has fallen by 121 kids, a loss of 18%, while the decline of school-aged children only fell by 8%. This drop is partially explained by the discontinuation of a homeschooling program with 55 students (who presumably still homeschool, but are no longer counted as Valdez public school students).



Valdez is home to Prince William Sound College, a two-year college. College enrollment in 2022 was 725

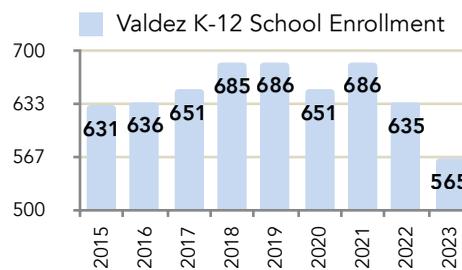
students, a substantial recovery from a pandemic low of 420, but still somewhat behind a recent high of 895 students in 2018.

### ALASKA NATIVE POPULATION

The 2020 US Census shows a slightly larger indigenous population than in previous census years. The Alaska Native population grew to 14% of all residents, for a total of nearly 550 Alaska Native residents, up from 10% in the 2000 Census. The Valdez Native Tribe counts 210 tribal households in Valdez, 14% of all households.

### WEALTH AND POVERTY

According to the American Community Survey 2021 estimates, 4% of the Valdez population was considered to be below poverty levels. This percentage increases to 11% for school-aged children. All of the families below poverty in Valdez contain single moms with children. Nationally, 13% of the US population is below poverty, while in Alaska it is 10%. The median household income in Valdez was \$89,255 in 2022, higher than both US at \$75,149, and Alaska, \$86,370.



### AN AGING DEMOGRAPHIC

Valdez has been aging. Over the past 23 years, those of prime working age (19-59) decreased by nearly 500 people. During the same period (2000 to 2023), the 60-plus population grew by more than 500 people, from 6% of the overall population to 20%. A ten-year population projection by ADOL shows very little change over the next decade.

### Valdez Population by Age, 2000-2023



Sources: Alaska Department of Labor (ADOL); ADOL Southeast Alaska Population by Age, Sex and Borough/Census Area; Alaska Population Projections; US Census; UA in Review; Valdez Native Tribe Households within the Valdez Service Area. Photo by Jeremy Talbott.



## Oil Industry

304 Annualized Jobs 2023  
\$44.5 million Wages

UP 7 JOBS FROM 2021  
EARNINGS UP 3%

**2023** Valdez is the terminus of the 800-mile Trans Alaska

Pipeline System (TAPS) and the Alyeska marine terminal, where North Slope crude oil that arrives via pipeline is loaded on tankers for marine transport to market. The oil that passes through the community is Valdez's greatest source of economic strength, as it provides residents with stable, high-wage employment, as well as being a steady source of tax revenue for the city government.

Approximately one-fifth of the value of the entire pipeline is within Valdez city limits.

Key oil sector employers include Alyeska and Petro Star.

Alyeska Pipeline Service Company is the largest private sector employer in Valdez. Alyeska operates and maintains the pipeline, including the Valdez Marine Terminal. Alyeska is co-owned by affiliates of oil companies ConocoPhillips, ExxonMobil and Hilcorp, Alaska's major North Slope producers. Alyeska Valdez employees work in offices, warehouses, fabrication shops, on docks, loading berths, or in the water treatment, or power plant.

Petro Star Inc. is a refining and fuel-marketing company that operates a refinery in Valdez, producing products like marine diesel, jet fuel, and home heating oil.

### PRIMARY ECONOMIC DRIVER

In 2023, the Valdez oil and gas sector provided 304 annualized jobs in the community, with wages totaling \$44.5 million.

More than a fifth of all local wages and 11% of all jobs in Valdez are in the oil sector. However, additional jobs in the transportation sector, oil spill response capacity, along with security for the terminal, all mean that the impact of the pipeline and marine terminal in

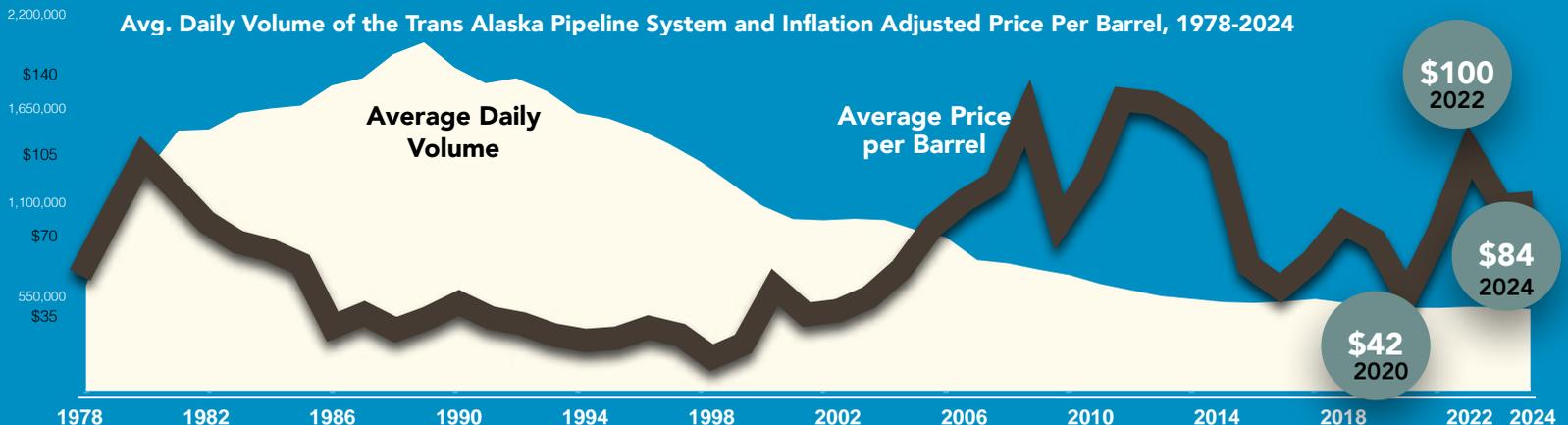
the community is much larger than these numbers represent.

Oil-related jobs are particularly high-paying. The average annual wage in the Valdez oil sector was \$145,526, nearly twice the overall average annual wage of the community as a whole at \$78,024.

Oil sector employment in Valdez has fallen by 8% since 2018, a decline of 26 year-round equivalent jobs, as Alyeska is reorganized to streamline its maintenance work, centralize its emergency response, and add new technology. Despite the jobs cut, total wages in the oil sector have continued to increase.

### TAPS AND PROPERTY TAXES

Oil is the primary source of income for the municipality of Valdez. A weakness identified in the long-term economic viability of City of Valdez is its dependence on a single primary source for the majority of City revenue. In 2023, the City of Valdez reported \$42.3 million in oil and gas property tax revenue, a 9% increase over 2021. The current valuation of the TAPS is fixed through 2025.



Sources: Combination of ADOL Employment and Wage data; US Census Nonemployer (self-employment) Statistics; Alaska Department of Revenue Crude Oil and Natural Gas Prices; City of Valdez. Photo by Jeremy Talbott.



## Transportation Industry

185 Annualized Jobs in 2023, +51  
\$25.9 million Wages, +\$1.4 million

**JOBS UP 38% IN 2023, WAGES UP BY 23%**

# 2023

The transportation (non-tourism) sector accounted for 12% of all workforce earnings in 2023 in Valdez. The most dramatic change to the Valdez economy in 2023 was the continued increase in non-tourism transportation jobs and wages, almost entirely in marine transport. A third of the increased earnings in the community over the last five years was due to the jump in marine transportation sector wages, from \$5.9 million in 2018 to \$24.2 million in 2023, more than tripling. Jobs increased from 60 in 2018 to 156 in 2023.



Edison Chouest Offshore (ECO) took over escort and response duties for tankers coming and going from Prince William

Sound in July 2018, beating out Crowley for the 10-year contract with Alyeska. Crowley had the contract for 41 years prior to this change. Edison built 14 new tugboats and barges specifically for Valdez. As part of the contract, ECO created an Alaska Native hire program in response to a 20% Alaska Native hire requirement.

**MARINE TRANSPORTATION IN VALDEZ**  
(EXCLUDING TOURISM)

YEAR	JOBS	WAGES
2023	156	\$24,174,306
2022	143	NA
2021	97	\$19,487,582
2020	90	\$19,323,986
2019	183	\$19,566,217
2018	60	\$5,912,030
2015	46	\$1,386,965
2010	45	\$3,711,408

Valdez also has a half dozen truck drivers, and nearly two dozen self-employed transportation workers.

**Sources:** Combination of Alaska Department of Labor Employment and Wage data and US Census Nonemployer (self-employment) Statistics; State of Alaska. Freight data is from U.S. Army Corps of Engineers. Photos by Jeremy Talbott.

## Port of Valdez

25 million tons of freight in 2022  
98% crude oil

Valdez is the United States' farthest north ice-free port connected to a road system and the southern terminus of the trans-Alaska oil pipeline. Due to its strategic location, the port of Valdez moves an enormous amount of freight. In 2022, 98% of that freight, by weight, was crude petroleum. Supertankers navigate the deep, ice-free waters of Valdez Arm, handling approximately a half million barrels (70,000 tons) of crude oil each day. TAPS operations are managed by Alyeska Pipeline Service Company.

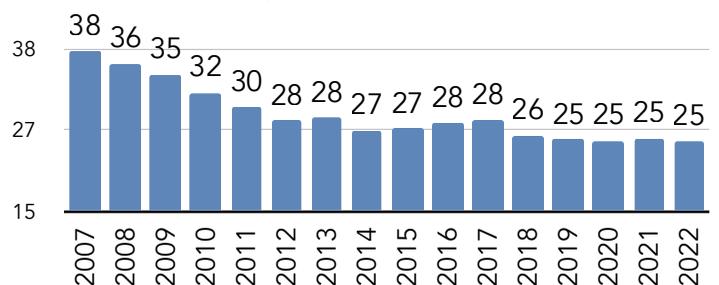
Most of the remaining freight volume is comprised of other types of fuel, including gasoline, kerosene, distillate fuel oil, residual fuel oil, hydrocarbon & petrol gases.

The non-fuel cargo, like many Alaska coastal communities, consists primarily of fish and trash exports. Other commodities shipped through Valdez include groceries, manufactured products, paper products, vehicles, boats, wood, asphalt, and animal feed.

According to Port Operations Manager, Andrew Doherty, 55,422 tons of freight passed through the Valdez Container Terminal in 2023.

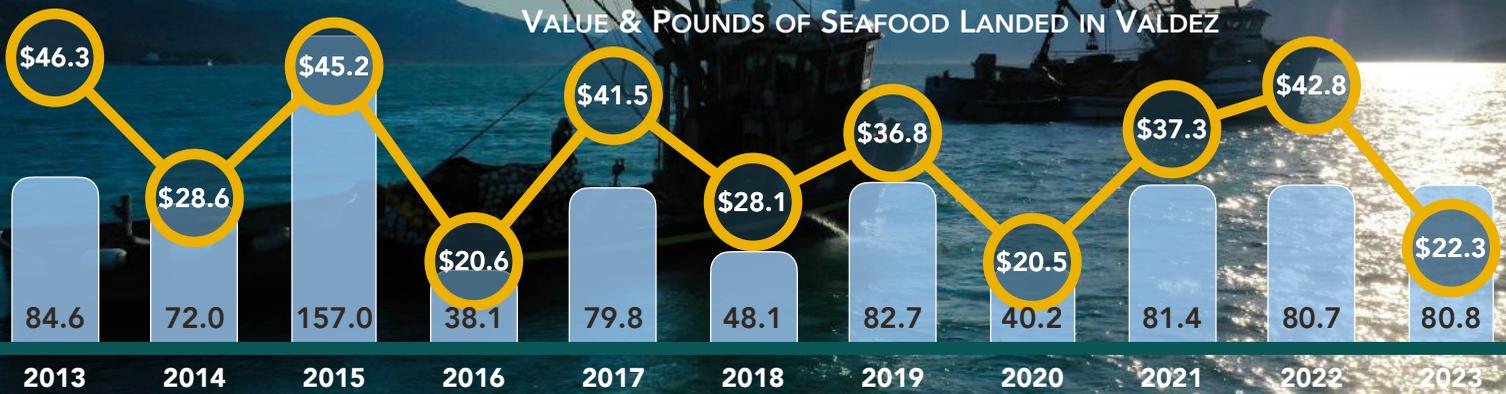
**ANNUAL VALDEZ FREIGHT IN MILLIONS OF TONS**

98% CRUDE PETROLEUM



To read about the US Coast Guard's critical importance to the Port of Valdez, see page 13.

○ Inflation Adjusted to 2023 Value to Fishermen (millions)  
 ■ Landed Pounds (millions)



## Seafood Industry

237 Annualized Jobs 2023

DOWN 69 JOBS FROM 2021

# 2023

Seafood is an important source of jobs and workforce earnings for Valdez.

### KEY ECONOMIC DRIVER

In 2023, seafood provided 9% of all community annualized jobs (237), and 9% of total workforce earnings (\$19.7 million). The total count of workers in the Valdez seafood industry is much higher than the annualized job count. Seafood employment peaks in July with over 650 workers when the processors are at maximum effort.

### PINK SALMON DOMINATED

Pink salmon dominates the Valdez seafood sector, harvested predominantly by purse seine vessels. Because pink salmon run on two-year cycles, the local seafood industry is thus more robust in odd years. Over the past 10 years, pink salmon represented 97% of total seafood landed in Valdez by pounds, and 94% of the total harvest value of the Eastern District of Prince William Sound, the district that encompasses Valdez Arm and the Port of Valdez. Eastern District represents approximately one-third of the total Prince William Sound fishery in terms of pounds landed, and just under a quarter in terms of total value.

All other salmon make up three-percent of pounds landed, half of which is chum. Combined, non-salmon seafood makes up less than one-percent of the Valdez fishery.

The Valdez Fisheries Development Association (VFDA) is the local hatchery, which releases just over 250 million pink salmon fry, and 1.8 million coho salmon smolt annually.

### DIFFICULT YEARS

Alaska is continuing to deal with a troubling seafood market. Last year, 2023, was difficult for the seafood industry. Processing companies and fishermen saw huge harvests but record low salmon values due to global influences. The low prices paid to fishermen have carried through to 2024; however, early data indicates a much smaller harvest, especially in Prince William Sound.

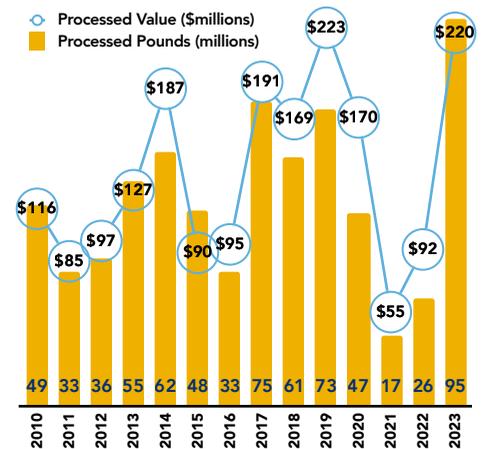
The gross value of the 2023 Valdez catch, \$22.3 million, was 31% lower than 10-year average (adjusted for inflation), and 48% lower than in 2022. Total pounds landed in 2023, 80.7 million pounds, was 6% higher than the 10-year average. Gross total earnings are estimated using average annual ex-vessel

prices for each area by species, gear, and delivery type.

### SEAFOOD PROCESSING

Valdez is a strategic location for fish processing facilities due to the road system connection. In 2023, there were 12 seafood processors in Valdez, which processed 95 million pounds of seafood with a wholesale value of \$220 million. Pounds processed in 2023 were nearly triple 2022's levels when 26 million pounds of seafood were processed. The value of seafood processed was up 138% over 2022. Although the per pound value of seafood processed was down by 34%, due to the lower salmon values.

VALUE & POUNDS OF SEAFOOD PROCESSED VALDEZ ALASKA 2010 TO 2023 (NOT INFLATION ADJUSTED)



THE 2023 VALDEZ CATCH COMPARED TO THE 10-YEAR-AVERAGE			
Species	10-year avg. pounds landed	2023 pounds landed	Change from 10-year avg.
Pink Salmon	73,808,036	76,558,657	4%
Other Salmon	2,047,885	4,179,063	104%
All Other Seafood	225,832	40,424	-82%
<b>Pounds</b>	<b>76,081,752</b>	<b>80,670,557</b>	<b>6%</b>
<b>Value Inflation adjusted</b>	<b>\$32.4 million</b>	<b>\$22.3 million</b>	<b>-31%</b>

### MARICULTURE

Mariculture is a new part of the Valdez economy. While there are no current mariculture leases in the area, two Valdez leases, including one from Chugach Regional Resources Commission, are pending.

Sources: Combination of ADOL Employment and Wage data; US Census Nonemployer (self-employment) Statistics; Alaska Department of Fish and Game Division of Commercial Fisheries E2 Production Shorebased Processors and Direct Marketers custom processing with Shorebased Processors; ADF&G Valdez Alaska Commercial Seafood Industry Harvest and Ex-Vessel Value Information; Alaska Commercial Salmon Harvests and Ex-vessel Values, ADF&G. **Seafood Industry** includes animal aquaculture, fishing, & seafood product preparation and Alaska resident commercial fishermen (nonresident fishermen & crew who did not report income are excluded). Photo by Jeremy Talbott.

# VISITOR SECTOR



## Visitor Industry

376 Annualized Jobs  
\$13.2 Million in Wages in 2023

UP 53 JOBS FROM 2021

**2023** The 2023 tourism season was the strongest Valdez has experienced since the early 2000s, but also came in far below original projections.

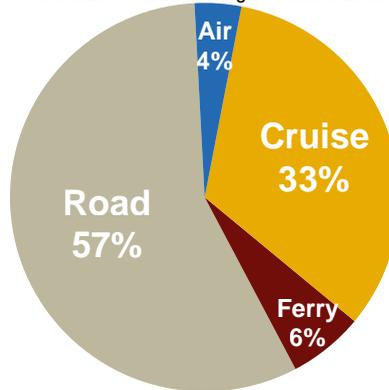
Tourism jobs in Valdez grew by 16% in 2023 compared to 2021, while wages grew by 26%. Tourism is a leading industry in Valdez. In 2023, the visitor sector made up 14% of all annual average jobs in the community, and six percent of all wages. Those working in the visitor industry earned \$13.2 million in Valdez in 2023 and employed 376 year-round-equivalent jobs. Just over 85,000 visitors arrived in Valdez in 2023, including air, ferry, and cruise passenger visits, and an estimate of recreation visitors arriving via road. In 2024, visitor traffic is expected to increase by 3%, a nearly 3,000 visitor increase.

### VISITOR ARRIVALS BY ROAD

The Richardson Highway connects Valdez to Anchorage, Fairbanks, and Canada; and is how most people travel to Valdez. In 2016, the McDowell Group estimated that 77,000 "pleasure visitors" came to Valdez via road. Using traffic volume data averages to approximate volume changes over time, an estimated 50,000 recreation visitors drove to Valdez in 2022. Total arrivals of people by road — including truckers, residents, and workers — is much higher. A similar number is estimated to have arrived in 2023.

### Projection of People Arriving in Valdez by Mode 2024

Includes all air, ferry & cruise passengers, and recreation visitors arriving via road estimate



### TOTAL VISITOR ESTIMATES

2021	56,300
2022	73,300
2023	85,087
2024	87,873

### AIR PASSENGERS

Air traffic into Valdez has experienced several years of turmoil. In 2020, the only commercial air carrier operating in Valdez, Ravn Alaska, laid off all its staff and filed bankruptcy. The airline found new ownership and resumed service to Valdez in November 2020. In 2023, just over 4,000 passengers arrived by air to Valdez, less than half of the 2019 numbers. Passenger numbers are projected to be even lower in 2024, as Ravn laid off a third of its staff in February 2024, citing challenges like inflation and labor shortages.

### FERRY PASSENGERS

Ferry passenger disembarkments exceeded Valdez air passengers for the first time in 2023, based on a 25 year data review.

### CRUISE TOURISM

Valdez was a highly successful cruise ship port in the mid-1990s. At its peak in 1995, 77 cruise ships carrying more than 80,000 cruise passengers visited Valdez. However, cruise lines removed Valdez from their itineraries after post-9/11 security measures no longer allowed visitors to see active pipeline-related activities. During most years in the last two decades, Valdez received no cruise ship visits at all.

The community invested in developing an attractive cruise ship port, hosting nearly 13,000 cruise passengers in 2019, although the pandemic halted cruise traffic in 2020 and 2021. The Port of Valdez projected more than 57,000 cruise passenger arrivals in 2023; however, in June 2023, Norwegian Cruise Line abruptly cancelled all calls to Valdez for the 2023 season, as well as 2024, reducing 2023 passenger arrivals by about half.

**2024** The 2024 cruise ship season is expected to bring six ships making 29 voyages to the community, down from 30 visits in 2023. Total arriving cruise passenger numbers, based on disembarkation arrival data through June 2024, are expected to be 15% higher than 2023 levels, despite a similar level of overall capacity.

### 2024 CRUISE SCHEDULE

Total ships	8
Total voyages planned	29
First ship	April 30
Last ship	September 21

Sources: CLIA Alaska & Cruise Line Agencies of Alaska. Combination of ADOL Employment and Wage data and US Census Nonemployer (self-employment) Statistics; Alaska Visitors Statistics Program (AVSP) VII; US Bureau of Transportation Statistics (RITA); Alaska Marine Highway System; Traffic Volume Counts Valdez; Note: In this analysis, the visitor industry includes leisure and hospitality businesses, along with air, water & scenic transportation companies. Photo by Jeremy Talbott.



**Valdez Single-Family Average Home Prices**

Source: Zillow



## Housing Indicators

**Housing Units:** In Valdez there are 1,655 occupied housing units. Of these, 31% are renter occupied, and 69% are homeowner occupied.

**High Mobile Home Use:** Statewide, 5% of all housing units are made up of mobile homes. In Valdez, mobile homes make up nearly a quarter, 23%, of all occupied housing units.

**Housing Affordability:** In Valdez, 18% of owner-occupied households are cost-burdened — spending more than 30% of a household income on housing-related costs — however, half of the renters in Valdez are housing-cost-burdened. Both data points are similar to national averages. According to Zillow, the average value of a single-family home in Valdez in the first half of 2024 was \$307,121, similar to the last 2 years.

**Availability:** A weakness in the Valdez economy is a lack of sufficient housing units to meet demand. In repeated community and business surveys in Valdez, development of more housing was identified as the top economic need, with 88% of the public identifying the construction of new housing as a priority. While 63 senior and workforce housing units were built in Valdez in 2022 and 2023, just 3 traditional housing units were permitted in that period. The 2024 count will be significantly higher.

**VALDEZ NEW HOUSING PERMITS 2007-2023**



**Short-Term Rentals:** Data from AirDNA show that 99 Valdez homeowners converted homes into short-term rentals. Use of short-term rentals, like Airbnb and Vrbo, have risen by 42% from 60 active listings in the summer of 2022 to

85 active listings in June of 2024. Just 2% of the listings are available all or most of the year (more than 270 days), and offer the “entire home,” and are being diverted to short-term rentals year-round.



**Sources:** ADOL Employment and Wage data; Quarterly Alaska Housing Unit Survey, a survey of local governments and housing agencies; US Census; Zillow.

## Healthcare & Social Services

**Healthcare: 147 Annualized Jobs in 2023**  
\$9.8 million in Wages

**DOWN 15 JOBS FROM 2021, WAGES UP BY 5%**

The Valdez healthcare sector experienced a 9% decline in annualized jobs between 2021 and 2023, a loss of 15 workers, while total earnings in the industry increased by 5% over the same period.

The largest healthcare provider in Valdez is Providence Medical Center. Melanee Tiura, Administrator for Providence, notes that since a higher rate of traveling staff were engaged in 2020 and 2021, the data comparison fails to capture the great strides the hospital has made in workforce attraction and retention more recently. “Hospital staffing is increasing. We are doing better than most other rural areas in Alaska. But more work still needs to be done to continue to grow our own healthcare workers in Valdez.”

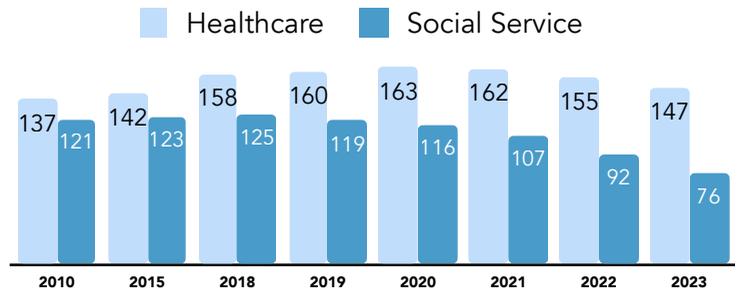
**Social Services: 76 Annualized Jobs in 2023**  
\$3.2 million in Wages

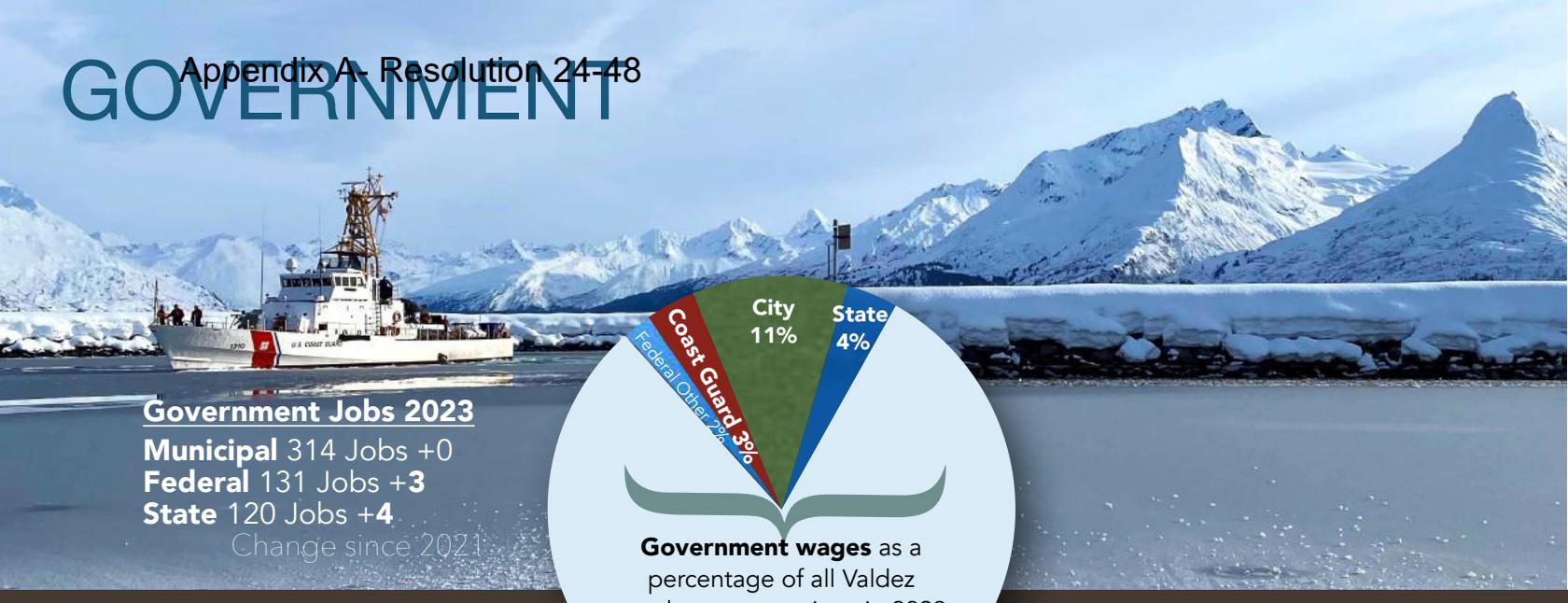
**DOWN 29% JOBS FROM 2021, WAGES DOWN 22%**

The sector with the most rapid and sustained downward trend is the Valdez social services sector. Between 2021 and 2023 social services lost 29% of its workforce, a loss of 31 annualized jobs, while total earnings fell by 22%, nearly a million dollar reduction.

Reflected in this decline is the loss of all Valdez childcare workers. The last remaining licensed childcare facility in Valdez, Stepping Stones, closed permanently in the summer of 2022, after a series of temporary closures. Other social services employment in Valdez is also decreasing.

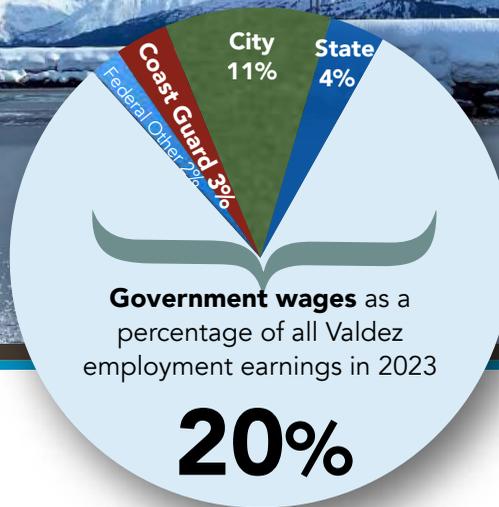
**VALDEZ HEALTHCARE & SOCIAL SERVICE ANNUALIZED JOBS**





**Government Jobs 2023**

**Municipal** 314 Jobs +0  
**Federal** 131 Jobs +3  
**State** 120 Jobs +4  
 Change since 2021



**Government**

565 Annualized Jobs in 2023

UP 7 JOBS SINCE 2021

WAGES UP BY 10%, +\$3.8 MILLION

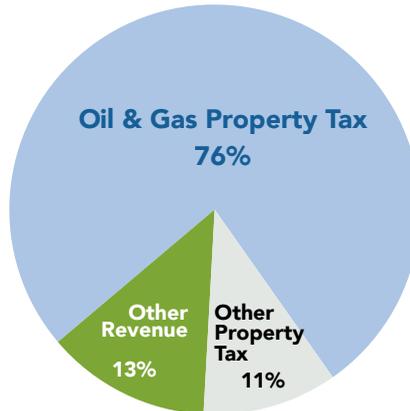
**2023** Government employment made up 21% (565) of all Valdez jobs in 2023, and 20% of workforce earnings (\$42 million). Overall public sector wages grew by \$3.8 million from 2021 to 2023, an increase of 10%, while government jobs increased by 7 jobs, an increase of 1%.

**CITY GOVERNMENT JOBS FLAT IN 2023, WAGES UP BY 7%**

The City of Valdez sustained a steep workforce decline during the pandemic, losing 13% of all workers between 2018 and 2021, a loss of 48 year-round-equivalent staff. Jobs remained flat between 2021 and 2023. But despite a smaller workforce, total wages increased by 26% between 2018 and 2023. The City of Valdez recognized that the cost of living had been increasing and implemented findings from a 2019 salary study showing Valdez had not been competitive in some positions. City government workers include positions like teachers and police, along with administrative staff. Ten tribal government jobs are also included in this figure.

In 2024, 76% of the city's \$55.4 million general fund revenues is expected to be comprised of oil and gas related property taxes. Oil and gas property values in Valdez were set by a five-year settlement between the City and the State of Alaska through 2025. Most of the taxable property is concentrated in the TAPS Marine Terminal.

2024 Budget: City of Valdez  
 General Fund Revenue  
 \$55.4 million



**FEDERAL GOVERNMENT UP 3 JOBS IN 2023 WAGES UP BY 12%**

In 2023 there were 131 federal workers in Valdez, including active-duty military, with \$11.6 million in earnings, an increase of 3 jobs and 12% in wages over 2021.

The primary Federal Government employer in Valdez is the US Coast Guard (USCG). The USCG has several components (2024 counts):  
**38** Coast Guard at the Maritime Security Unit (MSU);  
**33** members at the small boat station;  
**17** members at the Sector Field Office; and  
**18** crew aboard the cutter Liberty.

The cutter Liberty was assigned to Valdez in 2022. In 2001 the Coast Guard MSU Valdez was tasked with waterside security of the

terminal and enforcing maritime security zones in and around the Port of Valdez. In 2004, Coast Guard Station Valdez was commissioned as a standalone multi-mission unit and became the Coast Guard's northernmost Boat Forces unit. U.S. Coast Guard Forces Valdez makes up an important part of the local community. Coast Guard family members attend Valdez Schools and work and volunteer in the community.

**STATE GOVERNMENT UP 4 JOBS IN 2023 WAGES UP BY 18%**

For most of the past decade the state government sector has reduced Valdez employment. From 2015 to 2021, state jobs were cut by 21%, a decline of 30 annualized state workers. More than half of these lost jobs were from Prince William Sound College, which lost 23% of its staff. However, between 2021 and 2023 the state added 4 workers in Valdez, including two to the college.

**STATE FISCAL PROBLEMS**

The State of Alaska has operated in deficit mode without a fiscal plan for the past ten years, using \$20 billion from savings accounts to cover budget gaps. In 2022, relief was provided in the form of high oil prices, rising to an average of \$100 per barrel in 2022, resulting in a significant increase to the state general fund. However, in the first half of 2024 the average price has dropped to \$84 per barrel. (See page 8).



Sources: ADOL Employment and Wage data; Alaska Department of Revenue Crude Oil Prices. City of Valdez, Alaska Office of Management Budget. University of Alaska. Interviews with Coast Guard. Photo credit: USCG

# Strategic Direction Action Plan Initiatives

The Valdez Economic Diversification Committee (EDC) developed five-year Economic Strategic Action Plan for the community of Valdez. The Plan includes 30 economic initiatives, and 6 priority objectives. The Plan's prioritized objectives are presented on the following pages.

## Housing Initiatives<sup>1</sup>

*Availability and affordability of housing is arguably the single biggest challenge in Valdez and across the state. Housing is the top priority for the Valdez City Council.*

### Valdez Economic Plan Priority #1: Promote Housing Availability and Price Affordability<sup>2</sup>

The lack of housing and high housing costs are deterrents to economic growth, making it difficult to attract or retain employees in Valdez. Support the development of more single-family residences in Valdez, especially in the mid-market price range, a top priority according to the Comprehensive Plan Survey. Identify strategies for increasing market rate and housing stock. Increase access to housing in all housing categories, to create a more livable, economically competitive, resilient community. Identify barriers and specific problems to address and engage specific stakeholders (builders, finance, real estate, affordable housing organizations, potential occupants, etc.). Study and make recommendations to address the rising cost of housing in Valdez. Support the Valdez Community Development Department on Title 17 implementation. Support the work of the City Council Housing Subcommittee.



homeowner occupied. Typically, the occupied housing tenure ratio is one-third rentals and two-thirds homeowners, meaning that Valdez's level of rental housing is comparatively low.

### Strategic Housing Subdivision Planning<sup>4</sup>

Homes should be developed in areas where utilities are already connected. Constructing new housing is expensive. Support the improvement of utilities in existing Valdez subdivisions. Work with private developers and City of Valdez to bring water and sewer to existing Valdez Subdivisions (top housing priority of Comprehensive Plan Survey). Includes proactively planning for future subdivision expansion on city-owned land.

### Continue to Develop Housing-Directed Incentive Programs<sup>5</sup>

Track the progress and success of the new Valdez housing incentive adopted by the City Council in 2022. The housing incentive program provides a \$10,000 cash payment for the creation of qualifying new dwelling units in Valdez and is set to expire on Dec. 31, 2024. The city has also developed the Infrastructure Grant Program, allowing developers to apply for reimbursement for some of the cost for developing infrastructure associated with new housing development. Continue to research potential city government incentives for housing, including the development of city-owned land (including construction of infrastructure), incentives for developers, utilization of special improvement districts, and pursuit of Alaska Housing Finance Corporation grant funding, among others. Research housing development land grant programs for developers.<sup>6</sup>

### Valdez Economic Plan Priority #4: Increase Supply of Rental Housing<sup>3</sup>

Encourage development of more year-round rental properties for a healthier overall housing market. In Valdez there are 1,550 occupied housing units. Of these 27% are renter occupied, while 73% are

<sup>1</sup> See City of Valdez City Council July 2023 Planning Retreat: Objective #3: Increase Housing.

<sup>2</sup> Priorities from the 2021 Valdez Comprehensive Plan Public Survey. Also Goal A: Priority Objective #3 of the Prince William Sound CEDS "Increase housing quality and affordability" (see page 3 for links). Initiative language developed in conjunction with Kate Huber City of Valdez Community Development Director.

<sup>3</sup> Data from *Valdez by the Numbers*. Initiative language developed in conjunction with Kate Huber, City of Valdez Community Development Director.

<sup>4</sup> Priorities from the 2021 Valdez Comprehensive Plan Public Survey. Initiative language developed in conjunction with Kate Huber, City of Valdez Community Development Director.

<sup>5</sup> Valdez Housing Incentive Program <https://www.valdezak.gov/807/Housing-Incentive-Program>. Initiative language developed in conjunction with Kate Huber City of Valdez Community Development Director.

<sup>6</sup> Review document "Municipal Housing Tax Abatement & Deferral Strategies in Alaska" developed for the Valdez EDC by Rain Coast Data in October 2023.

## Focus on Development of Workforce Housing<sup>7</sup>

Develop workforce housing, including short-term high-density housing and smaller unit development that can readily accommodate those coming to Valdez for work.

Worker housing could include shared kitchens, living areas, and restrooms; and will be designed to accommodate transients and quickly increase the overall housing options in the community.

## Short-Term Rental Analysis

Monitor prevalence of the short-term rental market. Valdez needs to have places for employees and staff to live. Better understand use of short-term rentals in the community. Bed tax is not currently collected on most short-term rentals, and it is difficult for the municipality to track local use. Review examples from other communities. The revised Title 17, if adopted, will allow the community to better track short-term rental data. This is crucial to understanding the short term housing needs of the community.

## Reduce Dependence on Mobile Homes in Valdez

Valdez has a much larger percentage of mobile homes in the community than elsewhere in Alaska, and these homes are aging rapidly. Focus on development of housing that provides alternative and more sustainable long-term quality options. Understand improvement needs of mobile home housing stock.



<sup>7</sup> Title 17 of the Valdez Municipal Code, pending adoption. Initiative language developed in conjunction with Kate Huber, City of Valdez Community Development Director.

<sup>8</sup> See City of Valdez City Council July 2023 Planning Retreat: Objective #7: Address limits of health care.

<sup>9</sup> Initiative language developed in conjunction with Dennis Humphrey, Prince William Sound College Campus Director.

<sup>10</sup> Initiative language developed with input from Amanda Glazier, PhD, Assistant Professor of Biology and Environmental Science, Prince William Sound College; and Tommy Sheridan, Associate Director, ABEC; ARCTIC Community Site Coordinator, ACEP, University of Alaska Fairbanks.

# Workforce Initiatives

*Workforce development and support of career and technical education are included throughout this plan. Develop workforce resources through education, training, and career opportunities. Link and expand college programs to existing new industries. Support continued development of K-12 and post-secondary education opportunities and pathways in Valdez.*

## Valdez Economic Plan Priority #6: Healthcare Workforce Development<sup>8</sup>

Partner with Prince William Sound College (PWSC) and the University of Alaska Anchorage (UAA) College of Health to coordinate and advocate for more locally-grown nurses. Support prerequisites that students may need before acceptance into the nursing program (Anatomy & Physiology, etc.). Work to retain students in health care related programs and support them through graduation. Give providers an opportunity to help students stay in Valdez by offering perks to college students. Work with Providence Valdez Medical Center to offer incentives and employment pathways. Once students are trained they are more likely to settle in the community that provides their first job. Work to remove barriers preventing those first jobs from being in Valdez.<sup>9</sup>

## Maritime Workforce Development: Build Teaching Through Technology Alliance with Mariculture Sector<sup>10</sup>

The T3 (Teaching Through Technology) Alliance Alaska program provides a unique and innovative pathway for students to learn technical skills and contribute to meaningful challenges facing their communities. Build the T3 alliance with Mariculture Sector and a state-wide mariculture T3 club for high school students. Partner with Alaska Blue Economy Center (ABEC) and K-12 system to support mariculture and maritime-related educational programs. Create a maritime academy. Support maritime sector through boat building, marine industrial, welding, mariculture support, etc. Work with the Alaska Safety Alliance to expand the Maritime Works program. Work with Prince William Sound College on educational and workforce development programs.

## Support Prince William Sound College

Quality education and workforce training is critical to the development of a strong economy. Valdez has an insufficient pool of skilled employees with professional and technical expertise to support the business sector. Provide input to PWSC regarding local workforce needs so it can offer the programs and courses the community needs the most, especially if those needs are likely to be paired with increased enrollments and investments in those programs. Support PWSC in securing assets to develop new facilities and recruit new faculty to support emerging community education and training needs. Ensure PWSC has certifications to meet local workforce needs. Create mentorships. Develop and retain top talent. Support scholarships and grants for PWSC.<sup>11</sup>

## Commercial Drivers License Class/ Development of More Certified Drivers

Coordinate with the UAA Career and Technical College, Prince William Sound College, and local industry to provide local Commercial Drivers License (CDL) training. Develop a creative solution to overcome local infrastructure limitations (i.e. Valdez does not have features like multi-lane highways and on ramps needed to complete all of the road portions of the driver training and testing). Consider local training paired with a trip to Anchorage to complete training.<sup>12</sup>



## Social Services Initiatives

*Support sufficient healthcare, education, childcare, wellness, and social support services in Valdez.*

### Valdez Economic Plan Priority #3: Childcare Expansion<sup>13</sup>

Increase the availability of child care options to positively impact child development, parental workforce participation, and overall community well-being. Proactively fund and strengthen the Valdez child care system with local investment to leverage state and federal funding. Collaborate with the Southeast Alaska Association for the Education of Young Children (SEAAEYC) to develop a sustainable child care operating grant program to ensure focused and practical support for child care infrastructure. Develop an operating grant program to include start-up and sustained funding with considerations for center-based in-home programs and workforce development incentives. Maintain a close working relationship with the Prince William Sound College to ensure sustained support for educational and professional development opportunities for individuals working in child care programs. Enhance the skills and knowledge of child care workers and improve the quality of child care services in Valdez. Identify facility space for a large childcare center to be utilized rent-free by a private operator through an RFP process. Identify public indoor and outdoor spaces, such as school gyms and playgrounds, for in-home providers to use for recreation and events. Monitor and advocate for state and federal child care initiatives to enhance local services.

### Quality of Life

Make Valdez a more attractive, sustainable, and vibrant place to live and work. Improve the quality of life in Valdez by integrating arts, culture and heritage, environmental sustainability, local entrepreneurship support, communications infrastructure, and strategies to attract and retain young professionals.

<sup>11</sup> Initiative language developed in conjunction with Dennis Humphrey, Prince William Sound College Campus Director

<sup>12</sup> Initiative language developed with input from Dennis Humphrey, Prince William Sound College Campus Director

<sup>13</sup> Valdez Child Care Crisis Task Force was established by the Valdez City Council through adoption of Resolution 23-07 and was tasked with creating a strategic plan to address the child care crisis in the community. Initiative language developed using the Valdez Child Care Task Force Report and Recommendations January 2024, and in discussion with Alaska childcare expert Blue Shiber. <https://valdez.legistar.com/LegislationDetail.aspx?ID=6483953&GUID=2D3961AC-3E5D-4768-8892-B9973D7A29BD&Options=&Search=> See also City of Valdez City Council July 2023 Planning Retreat: Objective #4: Child Care And Goal B: Priority Objective #1 PWSEDD CEDS.

## Transportation Initiatives

GOAL 4.2 of the Valdez Comprehensive Plan is to Improve community transportation connections: Develop a safe, convenient, and linked year-round multi-modal transportation network to neighborhoods, destinations, and services.

### Ferry Connectivity<sup>14</sup>

Work to increase passenger and vehicle ferry service to and from Valdez. Partner with the State of Alaska on current Alaska Marine Highway Planning. Collaborate and align efforts to access funding from infrastructure bill elements focused on ferries.<sup>15</sup> Explore intra-regional ferry system: analyze intra-regional ferry system financial feasibility, including infrastructure consistency with vessels. Integrate planning process with local uplands development.

### Strengthening FAA Capacity and Support in Valdez for Enhanced Air Connectivity<sup>16</sup>

Strengthen the Federal Aviation Administration (FAA) capacity in Valdez, enhance air passenger connectivity, and reduce operational downtimes. Partner with FAA to establish a more robust FAA presence in the community. Support appointing a local FAA representative responsible for air navigation maintenance, and investing in infrastructure upgrades. Support increased reliability and efficiency in air travel, enhanced local expertise in FAA operations, and long-term economic benefits for Valdez.

### Bus Transit System between Valdez and Anchorage

Currently a commercial service provides van connectivity between Valdez and Anchorage three days per week. Explore support of a more robust transit system linking Valdez and Anchorage. Conduct a comprehensive feasibility study to assess the practicality and impact of establishing additional transportation options. Enhancing mobility with a reliable bus service could stimulate economic growth by offering a travel alternative for residents, workers, and visitors.



## Recreation and Visitor Initiatives

*Increase visitor-related opportunities; enhance Valdez as a destination for visitors; capitalize on the attributes of the community; and improve recreation opportunities for residents.*

### Valdez Economic Plan Priority #5: Promote Valdez as a Destination<sup>17</sup>

Promote the community as a year-round visitor and recreation destination while balancing the benefits with possible impacts. Develop a tourist carrying capacity study, including the target number of cruise ship port calls annually. Connect beautification, marketing, community information, recreation, economic development, long-term cruise planning, and RV planning. Support and encourage tourism and small business growth. Provide cruise ship facilities; grow retail and restaurant sector. Enhance the Old Town site as a destination. Museum, history, and cultural destination support. Continue to support and develop infrastructure to house culture, history, and museum support. Work on clean up. Develop facilities to manage waste (bathrooms, trash cans, pit toilets, etc.). Partner to enable cultural, recreation, and business opportunities.

<sup>14</sup> Valdez Comp Plan Goal 4.1, Action E is "Continue to advocate for reliable ferry and air service."

<sup>15</sup> Alaska Marine Highway System Awarded \$285 Million in Infrastructure Funding: <https://www.murkowski.senate.gov/press/release/alaska-marine-highway-system-awarded-285-million-in-infrastructure-funding>

<sup>16</sup> See also: Valdez Pioneer Field Airport Master Plan Update ADOT&PF

<sup>17</sup> Goal 3.3 of the Valdez Comprehensive Plan

### Sports Fishing Enhancement for Visitors<sup>18</sup>

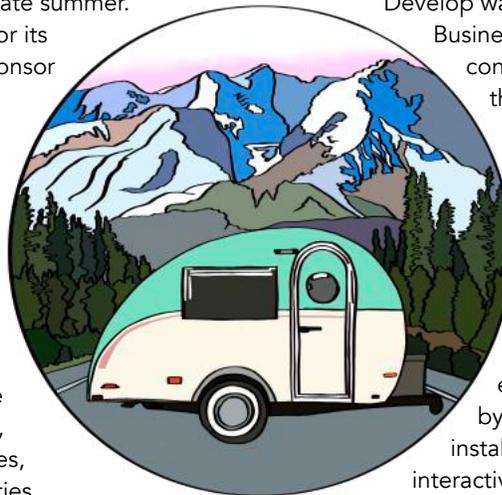
Focusing on both King and Coho salmon enhancement will provide early spring and fall shoulder seasons for sports fishing (following ski season) to develop a year-round recreation economy in the community. Facilitate a funding discussion regarding these options.

1). **King Salmon enhancement.** Partnership with Valdez Fisheries Development Association (VFDA) to create a spring king salmon season. King salmon fisheries enhancement success requires sufficient funding for operations, long-term planning, and a six-year timeframe for development of viable returns of adult salmon.

2) **Coho Salmon enhancement.**<sup>19</sup> The hatchery needs a building replacement to expand capacity for production and to increase visitor demand for commercial recreation in the Fall. The hatchery's juvenile rearing facility has reached the end of its serviceable life and a new building is soon needed to maintain the existing sportfish program and potentially expand commercial recreation in early summer by other species such as king salmon. The coho salmon enhancement program at the Solomon Gulch Hatchery has developed into one of the largest sport fisheries in Alaska. Coho salmon begin to return to Port Valdez in mid-July through mid-September. The best time for sport fishing coho from the shore is late summer. Valdez has gained great popularity for its silver fishing. Valdez Fish Derbies sponsor several events around the pink and silver salmon seasons in the Valdez area.

### Support Winter Tourism<sup>20</sup>

Continue to focus on winter tourism and development of a ski area. Support development of responsible winter camping, snow machine trails, heliskiing operations, nordic ski routes, alpine skiing, and other winter activities.



### Tourism Best Management Practices<sup>21</sup>

Develop a year-round Valdez Tourism Best Management Practices (TBMP) program to minimize the impacts of tourism in a manner that addresses both residents' and industry concerns. The program would work through the cooperation of Valdez tour operators, cruise lines, transportation providers, merchants, hospitality businesses, tour brokers, environmental groups, outdoor recreation organizations, and the City of Valdez. Membership in TBMP would be voluntary, and member tour operators and their employees would agree to abide by the program's guidelines. To develop TBMP Guidelines, the Valdez visitor industry and the City of Valdez will review guidelines from other communities and adopt the elements that will be best for Valdez in the following areas: transportation and vehicles; walking, hiking and trails; cruise ships; docks and harbors; marine tours, sightseeing, sport Fishing; restaurants and hospitality businesses; RVs; events; outdoor recreation. The guidelines will be updated annually so that any additions, changes, or corrections can be made on an ongoing basis. Once the new document is completed, copies will be distributed throughout the community and provided to each TBMP member company.

### Wayfinding<sup>22</sup>

Develop wayfinding that supports the Business and Waterfront Districts with connections along the way to all that Valdez has to offer. Use landmarks, city signage and pathways to help visitors and residents easily navigate and fully enjoy the Valdez experience. Use streetscape design, site furniture and plantings to help make the journey safer and more enjoyable. Enhance trail facilities by adding wayfinding and installing trailhead facilities. Develop interactive kiosks: build your own itinerary.

<sup>18</sup> <https://www.valdezfisheries.org/>

<sup>19</sup> <https://www.valdezfisheries.org/sport/>

<sup>20</sup> See references to Winter Recreation in Valdez Parks and Recreation Master Plan

<sup>21</sup> Language modeled after Juneau and Wrangell TBMP planning documents. <https://travelwrangell.com/tbmp-guidelines> and <https://juneau.org/index.php?gf-download=2023%2F05%2F2023-TBMP-Guidelines-FINAL.pdf&form-id=22&field-id=11&hash=b2f2cc50347b4efd26edd85053db1ea6b0693a228c54a34a6c95baeaaae98700>. Developed with input from the Kirby Day

<sup>22</sup> Valdez Wayfinding Project: <https://www.valdezak.gov/632/Wayfinding-Project> and Valdez Comp Plan Goal 3.3 Action D

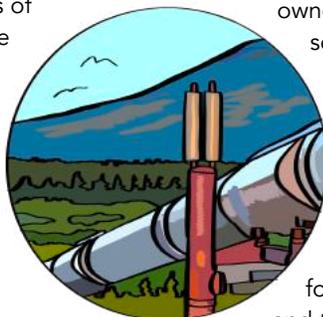
## Oil/Energy Initiatives

### Energy Efficiency Support & Promote Beneficial Electrification<sup>23</sup>

Work with Copper Valley Electric to educate the community on energy conservation ideas for homes, to make it more affordable to live in the community. Reduce demand for new generation. Support continuation of the Energy Assistance Program to help local residents afford winter energy rates. Explore use of heat pumps and electric vehicles (EVs). Work with utility to support utilizing a wider range of renewable resources in the community and to develop innovative rates and programs that encourage beneficial electrification by consumers.

### Continue to Support Core Valdez Oil Sector<sup>24</sup>

Continue to advocate for the elements of Valdez's core oil economy. The pipeline has traditionally provided the city with stable employment as well as a steady source of tax revenue. More than a quarter of all local wages and 12% of all jobs in Valdez are in this sector. Oil is also the primary source of income for the City of Valdez through oil and gas property tax earnings.



### Continued Support for Strong Coast Guard Presence<sup>25</sup>

The primary Federal Government employer in Valdez is the US Coast Guard (USCG) with 81 workers. The USCG has several components including 18 crew aboard the cutter Liberty. If the cutter leaves Valdez, it will lead to loss of jobs and families in the community. Work to attract a new cutter to the community. The Coast Guard in Valdez is tasked with waterside security of the terminal and enforcing maritime security zones in and around the Port of Valdez. Response plan should not be reduced.

<sup>23</sup> Aligned with Southeast Alaska CEDS Energy Objective #1: Promote beneficial electrification. <https://www.seconference.org/wp-content/uploads/2021/07/Updated-CEDS-2025-Feb-2023.pdf> Also aligned with Goal A: Priority Objective #5 of the PWSEDD CEDS "Increase energy efficiency and integration of renewable resources."

<sup>24</sup> Valdez Comp Plan Goal 3.1 "Build upon Valdez's core economy."

<sup>25</sup> See Valdez by the Numbers page 11 <https://www.raincoastdata.com/project/valdez-by-the-numbers-2022/> See also City of Valdez City Council July 2023 Planning Retreat: Objective #5: Address: Strategic Port Values / Coast Guard Issues

<sup>26</sup> Taken from the guiding principles of the Ports & Harbors Commission and Port Department Waterfront Master Planning discussion in the Waterfront Master Plan page 4.

<sup>27</sup> See Valdez Waterfront Master Plan pages 10, 20-35

## Ports and Harbors Initiatives

*The Valdez waterfront serves as the major economic contributor to Valdez and the State of Alaska, which in part also makes it a first-class public waterfront and top priority for the City & State of Alaska. Ports & Harbors initiatives help provide a first-class waterfront experience; preserve, enhance, and expand the diversity of amenities; attract new industries and businesses; and leverage public investments to catalyze private investment and development.<sup>26</sup>*

### Complete Small Boat Harbor<sup>27</sup>

The Small Boat Harbor master plan development is a multiphase plan. Complete small boat harbor reconstruction of H-K floats, tour dock, launch ramp expansion and replacement. The Harbor currently has a 200-boat waiting list, primarily for recreational boaters. Just over half (53%) of Valdez's recreational boats are owned by Alaskans from the Interior who travel south to fish. A reconstruction and expansion are needed.

### Enhance Cruise Ship Dockage Facilities in Valdez

Continue to upgrade and expand the cruise ship dockage facilities in Valdez, specifically focusing on Kelsey Dock, Alaska State Ferry Dock and the possible expansion of both facilities in the downtown waterfront. The City has made substantial improvements to the Kelsey Dock Interpretive and passenger loading areas. The Pier infrastructure is in need of repairs, upgrades and expansion to accommodate the current operations and increased growth. Continue to upgrade and renovate Kelsey Dock for existing cruise ships clients and explore engineering to meet demand for large vessels. Focus upgrades on structural enhancements, the development of motor coach staging areas, and the improvement of the seawalk for better accessibility and functionality.

## Seafood Initiatives

*Seafood is an important source of jobs, workforce earnings and contributions to the tax base of Valdez. Continue to support a strong seafood sector in Valdez.*

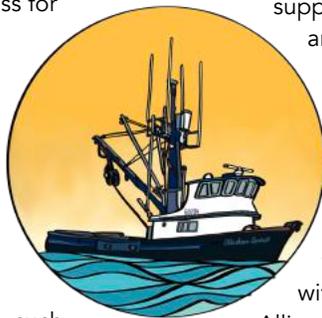
### Valdez Economic Plan Priority #2: Salmon Hatchery Support<sup>28</sup>

Continue to recognize the economic importance of the Valdez Fisheries Development Association (VFDA) and other Prince William Sound (PWS) nonprofit salmon hatcheries on the Valdez commercial fishing industry. VFDA salmon accounts for about a quarter of the value of all seafood processed in PWS. Support salmon hatchery activities in order to benefit subsistence fishermen, personal use fishermen, sport fishermen, charter fishermen, commercial fishermen, seafood processors, as well as the state and local government. Communicate that hatcheries are operated by non-profit associations that rely on the best scientific methodology, precautionary principles and sustainable fisheries policies to protect wild salmon populations.



### Strengthen the Marine Industrial Sector<sup>29</sup>

Develop marine industrial park with a large vessel haul-out capability. Create more waterfront access for tourism and local quality of life in balance with the need for working waterfront uplands for marine industrial activities. Continue to support and build commercial fishing industry with infrastructure. Increase shoreside processing opportunities for private entities including direct marketers, microprocessors, and large seafood processors. Support seaweed infrastructure, such as space for seaweed drying. Support design permitting, and construction of the Sea Otter Point development (an undeveloped site), Valdez's last



natural deep-water vessel location. Examine advantages and disadvantages of boat storage alternatives against traditional in-water moorage infrastructure.

### Understand Threats to the Valdez Seafood Sector<sup>30</sup>

The biggest threat to the fisheries of Valdez at this time are the impacts of global market disruption due to world events. The city will support the seafood industry in its efforts to increase markets for Alaska seafood products and stabilize production of regional fisheries by area fishermen through Valdez processing plants. Work collaboratively to reduce impacts of ocean acidification and ocean warming on the fisheries in Valdez by supporting the research of the University of Alaska and other state and federal agencies regarding temperature impacts on marine ecosystems, range shifts, and recruitment failures. Support sustainable, science-based fisheries management practices in the face of climate-driven changes.

### Mariculture<sup>31</sup>

Develop and support a robust and sustainable mariculture industry, producing shellfish and aquatic plants for the long-term benefit of the Valdez economy, environment and community. Encourage continued support for this emerging industry. Leverage and utilize existing infrastructure (such as the cold storage facility and business incubator). Build infrastructure to support seaweed farmers to process seaweed, manufacture products and ship to market. Encourage cooperative agreements (for example, working with the petroleum or seafood industries). Work with other entities (such as Alaska Mariculture Alliance, Alaska Mariculture Cluster, University of Alaska, EVOS-funded mariculture researchers) to help current and future seaweed partnerships.<sup>32</sup>

<sup>28</sup> Aligned with Southeast Alaska CEDS Seafood Objective #7 "Communicate the Importance of Salmon Hatcheries." Information from the Economic Impact of the Valdez Fisheries Development Association: [https://www.adfg.alaska.gov/static/fishing/PDFs/hatcheries/2018\\_vfda\\_economic\\_impact\\_report.pdf](https://www.adfg.alaska.gov/static/fishing/PDFs/hatcheries/2018_vfda_economic_impact_report.pdf)

<sup>29</sup> Part of the Five-Year Vision of the Valdez Comprehensive Waterfront Master Plan. See also Goal C: Objective #1 "Build on and sustain Prince William Sound's blue economy" PWSEDD CEDS

<sup>30</sup> Aligned with Southeast Alaska CEDS Seafood Objective #5 "Research the effects of changing ocean conditions." <https://www.seconference.org/wp-content/uploads/2021/07/Updated-CEDS-2025-Feb-2023.pdf>

<sup>31</sup> City of Valdez Resolution # 22-36 <https://www.valdezak.gov/712/Mariculture-Project>

<sup>32</sup> Includes feedback from Julie Decker, President for Pacific Seafood Processors Association



# Housing



## Priority Objective Action Plans

**Priority Objectives #1; #4:  
Promote Housing Availability  
and Price Affordability; and  
Increase Supply of Rental  
Housing** *Developed by Project  
Champion Kate Huber;  
Community Development  
Director*

### Priority Description

The lack of housing and high housing costs are deterrents to economic growth, making it difficult to attract or retain employees in Valdez. Support the development of more single-family residences in Valdez, especially in the mid-market price range, a top priority according to the Comprehensive Plan Survey. Identify strategies for increasing market rate and housing stock. Increase access to housing in all housing categories, to create a more livable, economically competitive, resilient community. Identify barriers and specific problems to address and engage specific stakeholders (builders, finance, real estate, affordable housing organizations, potential occupants, etc.). Study and make recommendations to address the rising cost of housing in Valdez. Support the implementation of the Title 17 rewrite, adopted in 2024. Support the work of the City Council Housing Subcommittee. Encourage development of more year-

round rental properties for a healthier overall housing market. In Valdez there are 1,550 occupied housing units. Of these 27% are renter occupied, while 73% are homeowner occupied. Typically, the occupied housing tenure ratio is one-third rentals and two-thirds homeowners, meaning that Valdez’s level of rental housing is comparatively low.

### Outline of steps required for project to be completed and timeline

- **Comprehensive Plan Update** - updating future land use maps to increase lands identified for housing and prioritize housing areas for development. Recommended overhaul of zoning ordinance.
- **Zoning Code Revision** – Increase housing allowances in zoning districts, increase allowable density, add options for accessory dwelling units, streamline the permitting/approval process, create permit requirement for short-term rentals, increased areas allowing manufactured housing, increased areas allowing workforce housing. (Updated Title 17 adopted February 2024).
- **Title 16 Subdivision Code Revision** – bring subdivision requirements into alignment with updated Title 17 (2025).
- **Housing Incentive Program** - \$10,000 per dwelling unit added to the community in the form of a grant payment after completion. Initial application follows building permit approval. Incentive payment distributed following receipt of certificate of occupancy. Must not be used as short-term rental for 5 years from receipt of payment. (Started in 2022 and ongoing. Renew program).

## Appendix A- Resolution 24-48

- **Infrastructure Grant Program** - Available to developers who own land suitable for residential development. Scoring criteria based on housing unit potential and conformance with comprehensive plan. Customized based on individual project. Executed through a developer's agreement. Infrastructure must be complete within two years to receive grant payment (Started in 2022 and ongoing)
- **HUD PRICE Program Grant Application** - The City of Valdez has submitted an application to the HUD PRICE Main Program grant proposing the Valdez Mobile Home Replacement Program. Part I of the proposed program includes Mobile Home replacement for low- and moderate-income residents with modern manufactured homes. Part II includes providing new manufactured homes for low-income residents in need of housing. 140 Manufactured Homes total in proposal with an emphasis on units designed for Valdez conditions. The grant proposal includes funding for cost of manufacture, shipping, foundations/anchors, arctic entry, demo and disposal of replaced unit. Grant Application Submitted July 2024, waiting for award notification.
- **Woodside Subdivision Expansion** – City of Valdez staff has developed preliminary concepts for a new subdivision at this city-owned site (highest priority for residential development in the comprehensive plan). These concepts were vetted by the City Council Housing Subcommittee and the subcommittee selected their top concepts. Staff is ready to pursue a more complete and formal design with the assistance of an outside contractor, when direction is received by City Council.
- **Pre-approved Dwelling Unit Designs** – Program to create designs for primary and accessory use dwellings that are appropriate for Valdez and made available to the public at no or a reasonable cost. This will help reduce some of the upfront costs of having a design and engineering for a new structure and will expedite the permitting process as the designs will meet local building code standards. Proposed in 2025 Community Development Budget.
- **Lot Line Removal Assistance** – Small program to assist folks with adjacent lots that will require lot line removal for a larger development and to clean up lots that were developed without lot line removal (common practice during the early development of new town.) - Proposed in 2025 Community Development Budget.
- **More robust housing needs assessment study** – Intended to be completed every 1-3 years into the

future to track the ongoing housing needs of the community and expand the studies done in 2020 and 2024. Proposed in 2025 Community Development budget

- **Other opportunities for further discussion with City Administration and Council** – local workforce development (supporting PWSC programs for construction labors, contractors and specialty contractors, support of any future workforce housing projects, any additional or more robust incentive programs to specifically target needing housing types.

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### People and Organizations responsible for completing these steps

City Staff – Community Development Director, Community Development Department staff, City Manager, Assistant City Manager/Capital Facilities Director

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### Cost Estimates

- Title 16 Subdivision Code Revision – Estimated cost - \$50,000
- Housing Incentive Program - \$10,000 per dwelling unit
- HUD PRICE Program Grant Application - Estimated cost approximately \$29,000,000
- Pre-approved Dwelling Unit Designs – Estimated cost \$50,000
- Lot Line Removal Assistance – Estimated cost \$20,000
- More robust housing needs assessment study – Estimated cost \$20,000

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### Evaluation Measures

- New housing units in Valdez.
- The housing needs assessment studies will be a consistent way to track whether these efforts are making a difference and meeting the housing demands of the community. The housing needs of the community could change over time, so consistent study is necessary so that we continue to cater our efforts as the community changes.

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### Project Champion

Name: **Kate Huber**

Title: **Community Development Director**

Organization: **City of Valdez**



# Seafood



## Priority Objective #2 Salmon Hatchery Support *Developed by Project Champion Mike Wells, Executive Director, Valdez Fisheries Development Association*

### Priority Description

Continue to recognize and support the economic importance of the Valdez Fisheries Development Association (VFDA) and other Prince William Sound (PWS) nonprofit salmon hatcheries on the commercial fishing and sport fishing industries in Valdez. VFDA salmon accounts for about a quarter of the value of all seafood processed in PWS and supports some of the largest sport fisheries in Alaska. Support salmon hatchery and fisheries development programs in order to benefit commercial fishermen, seafood processors, sport fishermen, as well as the state and local governments. Support the development of additional programs to increase fishing opportunity, restore habitat, and foster economic development within the Valdez community. Communicate that hatcheries are operated for the benefit of the common property and propagate salmon using robust scientific methodology, precautionary principles, and sustainable fisheries policies to enhance Alaska's fisheries while protecting wild salmon populations.

### Outline of steps required for project to be completed and timeline

#### Maintain Financial Support (Ongoing)

- Continue annual financial support for VFDA's coho salmon program. Annual funding by the City of Valdez provides approximately 36% of the operational costs to grow coho salmon, which in turn generates up to \$9million in annual economic output to the Valdez community. Annual sport fishery harvests equate to roughly 46% of all returning hatchery fish.
- Continue support for annual mechanical aquatic vegetation removal in Robe Lake, which supports coho and sockeye salmon rearing habitat important to the Valdez community.

#### Partner on Hatchery Infrastructure Renewal (Years 1-5)

- VFDA has an immediate need to replace its Coho Salmon Rearing Building. Current status of the project is at 65% design for a new 9,400sf facility to incubate and rear up to 3 million salmon smolts. Completion will sustain VFDA's current coho salmon program and provide space for program expansion. VFDA seeks to partner with the City of Valdez to fund construction of the facility through direct financial contributions or grant collaborations.
- Renewal of hatchery walking tour infrastructure. VFDA provides self-guided tours at the Solomon Gulch Hatchery with interactive video kiosks. This is a major attraction for summer visitors to Valdez, and a chance to learn about Alaska hatchery programs and view wildlife.

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## Partner on Habitat Renewal (Years 1-5)

Continue efforts to implement habitat restoration in Robe Lake by reintroducing limited Corbin Creek flow, which provides a natural means of controlling aquatic vegetation. Fund stream gauging of tributaries within the lake system in the short term. Work with state and federal agencies to implement the results of the 2023 US Army Corp of Engineers CAP 206 feasibility study, which will require an improved Richardson Highway crossing of the Robe River to improve fish passage and drainage to reduce flooding of Robe River Subdivision properties.

## Support New Fisheries Enhancement Opportunities (Years 5-10)

Support the development of an enhanced chinook salmon program at the Solomon Gulch Hatchery to create additional sport fish opportunities for Valdez in early summer. Utilizing increased program capacity made available by the construction of a new rearing facility, and existing Alaska Department of Fish and Game permitting for the incubation of up to 300,000 chinook salmon eggs at Solomon Gulch Hatchery, development of a sustainable chinook program producing catchable numbers of returning salmon each year would extend the summer sport fishery. A 2023 McKinley Research Group economic impact study found that producing a catchable number of chinooks could generate \$750,000 in additional revenue for Valdez businesses and an additional 2000 visitors to Valdez each May and June.

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## Additional Steps

- Develop a funding plan for new Coho Salmon Rearing Building.
- Develop funding plan for chinook salmon program annual costs. (est. \$80,000 annually)
- Identify suitable chinook salmon brood stock for program development.
- Develop an Alaska Department of Transportation project and financial support for a bridge crossing of the Robe River at the Richardson Highway.

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## People and Organizations responsible for completing these steps

- Valdez Fisheries Development Association, Inc. - Mike Wells
- City of Valdez - Martha Barberio
- US Army Corp of Engineers
- Alaska Dept. of Fish and Game
- Alaska Dept. of Transportation
- Alaska Dept. of Commerce, Community and Economic Development
- US Dept. of Commerce Economic Development Administration

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## Cost Estimates

### \$27 Million

- Coho Salmon Rearing Building - \$12 Million
- Robe Lake Habitat Restoration - \$15 Million
- SGH Walkway Renewal – \$100,000

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## Evaluation Measures

- Funding secured for Coho Salmon Rearing Building by November 2025.
- Inclusion of Richardson Highway bridge crossing in ADOT 2025 STIP.
- Funding secured for Robe Lake Habitat Restoration Project November 2026.
- 7,000 returning chinook salmon for harvest in May 2030.

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## Project Champion

Name: **Mike Wells**

Title: **Executive Director**

Organization: **Valdez Fisheries Development Association, Inc.**



**Priority Objective #3 Child Care Expansion and Support in Valdez**  
*Developed by Project Champion Blue Shibler, Executive Director SEAAEYC*

*By maintaining a collaborative and community-focused approach, Valdez will make lasting improvements in its childcare system to support families and the broader economic health of the region.*

**Priority Description**

The biggest pinch of a childcare supply shortage is felt at the community level, therefore funding solutions must start at the local level and then be augmented by state and federal investments. Valdez can enhance the local childcare system to promote economic development, support working families, and meet the

growing demand for quality childcare services. Efforts will focus on educating the public about the economic benefits of the childcare system, utilizing available grant funds to incentivize entrepreneurship, and advancing childcare development projects. Collaborations with key partners, such as Prince William Sound College, Southeast Alaska Association for the Education of Young Children (SEAAEYC), and the U.S. Coast Guard, will drive these initiatives, fostering innovative solutions and expanding childcare infrastructure in the community.

To address challenges within the childcare business model, the City must show initiative by taking proactive steps to strengthen the local system. The goal is to maintain the current network of informal care providers while increasing the availability of licensed childcare options. A key part of this plan involves allocating Innovation Grant funds for pilot programs that incentivize childcare start-ups, support current and potential providers' professional development and education, and help partners establish a sustainable monthly operating grant program. Once innovation grant funds are spent, local funds should be used to convert successful pilot programs into permanent

support. When start-up grants are no longer needed, the focus can move toward funding to help childcare programs with ongoing maintenance. The City can work with SEAAEYC to establish metrics to ensure the programs align with community needs and effectively support the childcare infrastructure. These measures will benefit child development, parental workforce participation, and community well-being.

In addition to financial incentives, Valdez should offer rent-free facility space at Hermon Hutchens Elementary School to establish a larger childcare center, with plans to develop this location into a Head Start program. Public spaces, such as school gyms, playgrounds, and the recreation center, should be made available to in-home providers for taking small groups of children, especially during inclement weather. This would provide much-needed indoor space for recreation and activities, fostering stronger community connections and enhancing the resources available to children in care.

Develop a plan to address the critical need for a dedicated childcare facility for Coast Guard families stationed in Valdez. The City should work with the U.S. Coast Guard and other relevant stakeholders to identify and allocate suitable space, ensuring Coast Guard families can access high-quality childcare that meets their unique needs. This effort will support the retention and well-being of Coast Guard personnel and their families in the community.

Valdez should advocate for increased childcare investment and better childcare policies at the state and federal level, particularly those aimed at reducing regulatory barriers and streamlining the licensing process. These efforts are expected to simplify the path for new providers to become licensed and increase the availability of childcare services. Should new childcare facilities be built, the City should ensure housing provisions for childcare leadership positions are incorporated into development plans, securing long-term sustainability and attracting skilled professionals to the area.

By working with local, state, and federal partners, Valdez will build a more resilient and expansive childcare system, improving access for families and attracting a workforce demographic to foster economic growth.

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## Outline of Steps Required for Project Completion and Timeline

### **Public Education and Advocacy (Years 1-5)**

Efforts will continue to educate the public on childcare's significant role in economic development. A robust supply of childcare services allows more parents to join the workforce, strengthening the local economy. Public forums, presentations, and workshops with community leaders, businesses, and families will communicate the benefits of a strong childcare sector. Materials that illustrate the true cost of childcare, the economic impact of childcare shortages, and the benefits of investing in childcare infrastructure will be developed and distributed.

### **Grant Program Implementation and Expansion (Years 1-3)**

The innovation grant funds will be fully expended by December 2025 through partnerships with Prince William Sound College for professional development, and SEAAEYC to develop a childcare startup and expansion program, and a pilot program offering monthly per-child operating grants to licensed childcare providers. Long-term sustainable funding methods to maintain these initiatives will be developed to provide financial stability and allow for continued service expansion. Success will be measured by the increase in the number of licensed childcare providers and available childcare spaces in Valdez.

### **Child Development Center at Hutchison Elementary School (Years 1-5)**

The City will support the planning and developing a new child development center at Hutchison Elementary School to meet the demand for additional early childhood education spaces. Local school district leadership and state representatives will be engaged to secure funding for the construction and operation of the center. The new facility will be designed to provide high-quality early childhood education, incorporating best practices in child development.

### **Collaboration with U.S. Coast Guard for Child Care Development (Years 2-5)**

Consider allocating city-owned land for developing a child development center (CDC) to serve U.S. Coast Guard families stationed in Valdez. Valdez will work with the U.S. Coast Guard's home office in Kodiak to seek federal congressional funding for the CDC's

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construction and operation. Advocacy efforts will ensure the CDC is included in federal budget allocations and aligned with Coast Guard family support programs.

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### People and Organizations Responsible for Completing These Steps

- City of Valdez
- Southeast Alaska Association for the Education of Young Children (SEAAEYC)
- Prince William Sound College
- U.S. Coast Guard (Kodiak Office)
- Local childcare providers and early childhood education professionals
- Valdez City Council and Economic Diversification Commission
- Valdez School District
- Chugachmiut

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### Cost Estimates

- Public education campaign and materials: \$5,000 over five years; funded by COV
- Child care startup and expansion grants: \$200,000 in the first year, funded by the Innovation Grant, \$50,000 sustained annual investment from COV
- Operating grant pilot program: \$200,000 in the first year; \$400/per child/per month in following years; approaching \$675,000 sustained annual investment from COV when care is available for the children who have all available parents in the workforce
- New child development center at Hutchison Elementary School: \$3 million secured Congressionally Directed Spending; on-going facility maintenance support from COV
- U.S. Coast Guard CDC development: \$2 million federal funding

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### Evaluation Measures

- Number of new childcare providers established
- Increase in child care capacity (new child care slots available)
- Parent satisfaction with childcare services (via annual surveys)
- Economic impact analysis showing the correlation between childcare availability and workforce participation
- Progress in securing funding and starting new childcare development projects

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### Project Champion

- Name: **Blue Shibler**
- Title: **Executive Director**
- Organization: **Southeast Alaska Association for the Education of Young Children (SEAAEYC)**

# Tourism



## Priority Objective #5 Promote Valdez as a Destination

*Developed by Champion Faith Harris, Executive Director, Valdez Convention & Visitors Bureau (VCVB)*

### Priority Description

Promote the community as a year-round visitor and recreation destination while balancing the benefits with possible impacts. Develop a tourist carrying capacity study, including the target number of cruise ship port calls annually. Connect beautification, marketing, community information, recreation, economic development, long-term cruise planning, and RV planning. Support and encourage tourism and small business growth. Provide cruise ship facilities; grow retail and restaurant sector. Enhance the Old Town site as a destination. Museum, history, and cultural destination support. Continue to support and develop infrastructure to house culture, history, and museum support. Work on clean up. Develop facilities to manage waste (bathrooms, trash cans, pit toilets, etc.). Partner to enable cultural, recreation, and business opportunities.

### Outline of Steps Required for Project Completion and Timeline

**Develop a tourist carrying capacity study to create the basis for sustainable tourism, determining the benefits, impacts, and feasibility of Valdez as a year-round destination**

1. Establish a permanent tourism task force.
2. Assess/develop methodology for measuring and analysis to be used.
3. Review and assess case studies and tests in the chosen framework.
4. Produce strategic and policy recommendations for city council.
5. Continuous monitoring and evaluation
6. Retain consultant to perform the study, using the task force as support and assistance in executing the study most effectively.

**Total time estimated – six months**

**Connect beautification, marketing, community information, recreation, economic development, long-term cruise planning, and RV planning.**

Collaboration drives sustainable tourism to ensure we are creating a meaningful experience for visitors without causing a negative environmental impact.

1. Use tourism Taskforce to create strategic marketing alignments to maximize Valdez and create win/win for vested parties.

**Total time estimated: 2 years**

**Support and encourage tourism and small business growth:** Enhance the reputation of Valdez, attract environmentally conscious travelers, foster community pride, and generate long-term economic growth through the support and encouragement of our small businesses and tourism industry.

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Timeline and steps:

1. Encourage a robust tourism infrastructure supported by the pillars of sustainable tourism.
2. Leverage existing programs and assets to promote Valdez to international, national, and in-state visitors and broaden marketing efforts to encourage visitation to Valdez as a destination.
3. Facilitate travel opportunities.
4. Create an innovative tourism experience that sets Valdez apart.
5. Ensure a diverse and accessible tourism experience
6. Promote Valdez to the world while balancing stewardship of our assets.
7. Foster resilient and sustainable travel and tourism
8. Build a travel and tourism sector that is resilient to natural disasters, public health threats, and environmental degradation. Build a sustainable sector that integrates protecting natural resources, supporting the tourism economy, and ensuring equitable development.

**Total time estimate: 5 year +**

**Provide cruise ship facilities; grow restaurant and retail sector:** As cruise ships offer a significant primary and even greater secondary contribution to the economy of Valdez, state of the art top rated cruise ship facilities are paramount to being top in the competitive Alaskan cruise port market. Offer opportunities to create a solid variety of options for visitors in the restaurants and retail sector, to maintain visitor satisfaction during visits and encourage return visitors.

Timeline and steps:

1. Join tourism task force members with ports and harbor department to perform a tourism swot analysis of the current ports and harbor system.
2. Use the tourism capacity carrying study to assess the optimum cruise ship capacity, with expert input from ports and harbor.
3. Review current infrastructure and relevant documents to analyze how to optimize and expand the current structure, with regard to tourism sustainability.
4. Offer recommendations to EDC based on facts and findings.
5. Perform a SWOT analysis on Valdez retail and restaurant sectors.
6. Address potential pain points, and review and implement solutions.
7. Offer financial incentives and investments to current and prospective retail and restaurants.
8. Stimulate growth through retail and restaurant incubators.

9. Encourage private investment in emerging businesses.
10. Offer marketing & mentoring programs for both sectors.
11. Source funding to find funding to incentivize successful restaurateurs.
12. Encourage a feedback program through tourism best management practices.

**Time estimate – 2 years**

**Enhance the old town site as a destination:** Use multiple avenues to increase visibility and traffic to Old Town.

Timeline and steps:

1. Increase traffic to websites showcasing Valdez.
2. Increase marketing effectiveness through a more comprehensive marketing strategy.
3. Increase old town site presence.
4. Create content that is fresh and engaging.
5. Partner with relevant influencers and organizations with interest in this.
6. Leverage technology such as interactive mapping, audio tours, and geocaching games. Deploy to Valdez or the CVB.

**Time estimate –1 year**

**Museum, history, and cultural destination support:** Expand the cultural and historical facets of Valdez.

1. Engage tourism task force.
2. Invite all vested parties to participate in a special workgroup session to ensure sector representation

**Time estimate –4 months to establish committee and to host 2 work sessions**

**Continue to support and develop infrastructure to house culture, history, and museum support:**

Preserve our area's culture, history, and to build the framework for solid museum support. Starting where we currently are, move forward under a set of resiliency parameters.

Timeline and steps:

1. Through the work group on culture and history preservation, create a dialogue on priorities and interdependencies coupled with a vulnerability screening or SWOT analysis.
2. Create a regional support group to expand resources and find direction. Partners could include cities and businesses with similar vested interests on our highway route.

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3. Define project goals. Measure the associated outcomes of infrastructure investments to update/improve strategies over time to meet needs of community and local economy.
4. Create a priority matrix to assess forward direction goals. Include a social equity lens, such that each project supports long-term resilience to potential risks and positive outcomes for residents, particularly vulnerable populations.
5. Consider providing local grants, education, and employment opportunities related to developing new facilities and/or new businesses that support the goals.
6. Identify infrastructure planning and design improvements that address current pain points; incorporate infrastructure methods that make the most of our natural advantages (ex. Local Alaska Native population and elders/pioneers) especially for history management.
7. Update communications platforms and operations practices to reflect the likelihood of more frequent extreme events that could manifest changes to standard retention practices (economic hardships, pandemics).
8. Create a mitigation plan for culture and history preservation.

### **Time estimate –6 months**

**Work on clean up.** Develop facilities to manage waste (bathrooms, trash cans, pit toilets, etc.). As tourism furthers the carrying capacity of the city of Valdez: evaluate current systems and processes to improve Valdez waste program and expand or develop as needed to ensure a healthy, clean, and safe environment for all visitors and Valdez residents.

1. Optimize processes.
2. Implement any new processes necessary to optimize city systems.
3. Review/ establish a continued review process for long-term sustainability of city cleanliness.
4. Create a committee tasked with reviewing City of Valdez' current commitment to environmental safeguards.

**Partner to enable cultural, recreation, and business opportunities:** Leverage partnerships to enhance Valdez tourism through increased cultural, recreation, and business opportunities.

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## People and Organizations Responsible for Completing These Steps

- **Valdez Convention & Visitors Bureau (VCVB)**

- **Element specific partners:**

- **Develop a tourist carrying capacity study:**

Participants: Econ. Dev., Discover Valdez, Local Business, Vested Community Members, Ports and Harbor, Parks and Rec, Valdez Convention and Civic Center.

- **Museum, history, and cultural destination support:**

Parks and Rec, Valdez Museum, Transportation, VNT, elderly members, pioneers.

- **Work on clean up:**

Solid Waste department, Ports and Harbor, PWSEED, City of Whittier, City of Cordova, Beautification Commission, Econ Dev., Tourism Task Force.

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## Cost Estimates

List cost estimates and include a list of the integrated funding sources to support costs.

- Most costs not yet determined yet

- **Develop a tourist carrying capacity study:**

Expenditure estimate: \$15,000 to \$52,500

- **Museum, history, and cultural destination support:**

\$100 for basic supplies and refreshments

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## Evaluation Measures

What are the indicators that will be tracked to measure project success?

- **Increase total visitors to community, visitor spending, and visitor sector jobs.**

- **Element specific evaluation measures:**

- **Develop a tourist carrying capacity study:**

- Retention of high quality, community-minded tourism task force.
- Carrying capacity study completion
- Number of cruise ship port calls annually
- Increased funding to support a higher standard of accommodations, improvement in transport, increased activities, better marketing and promotion, increased legislation, and regulation.

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- Increased support in the community regarding tourism (evidenced in future surveys/polls).
  - Increase in year-round numbers of businesses in Valdez
  - Expansion of city funded or sponsored events
  - New attractions
- **Provide cruise ship facilities; grow restaurant and retail sector:**
    - Current capacity is measured against estimated capacity to create growth cap.
    - Creation of a cruise ship infrastructure action plan.
    - Measurable increase is represented as physical infrastructure supports growth.
    - Data shows growth and traffic increase in the restaurant and retail sectors.
    - Sectors see enhanced performance, quality, and stability of business.
    - Community feedback reflects perceptions of improvement.
    - Marketing for sectors shows improvement in quality, larger investment, and extending reach.
    - Grant programs show positive results.
    - Pain points in each industry are identified, solutions are attained, steps to resolve are in process.
  - **Enhance the old town site as a destination:**
    - Growth in traffic to Valdez related sites.
    - New content is being showcased.
    - Relationships and partnerships with relevant influencers are visible.
    - Technology utilized is offering a multimedia approach.
  - **Museum, history, and cultural destination support:**
    - Resources have been permanently secured with specific allocation.
    - Pioneer Cemetery, Old Town, and the museums see increased number in foot traffic
    - Education options are expanded and reflect our city's priority on preservation of culture and history.
  - **Continue to support and develop infrastructure to house culture, history, and museum support**
- Meetings of workgroup
  - Matrix created, priorities established.
  - Measurable increased opportunities via grants, education, employment, etc.
  - Mitigation plan is developed for each problem area.
- **Work on clean up:**
    - A successful swot analysis is performed with city professionals' input.
    - Current systems are optimized.
    - Comparison of comparable cities reveals Valdez operates at least to industry standard.
    - Community feedback on any improvements yields overall positive results.
    - Long term cleanliness standards plan is introduced/ maintained.
    - 5 year comprehensive environmental action plan is in place or underway.

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### Project Champion

Name: **Faith Harris**

Title: **Executive Director**

Organization: **Valdez Convention & Visitors Bureau (VCVB)**

Providence Valdez  
Medical Center

↑ EMERGENCY  
↑ Long Term Care  
→ Receiving

# Healthcare



**Priority Objective #6 Healthcare Workforce Development**  
*Developed by Champion Melanee Tiura, Administrator, Providence Valdez Medical Center*

**Priority Description**

Providence Valdez Medical Center (PVMC) will partner with Prince William Sound College (PWSC) and the University of Alaska Anchorage (UAA) College of Health to coordinate and advocate for more locally-grown nurses. Support prerequisites that students may need before acceptance into the nursing program (Anatomy & Physiology, etc.). Work to retain students in health care related programs and support them through graduation. Give providers an opportunity to help students stay in Valdez by offering perks to college students. Work with Providence Valdez Medical Center to offer incentives, employment pathways, and career advancement in Valdez. Once students are trained they are more likely to settle in the community that provides their first job. Work to remove barriers preventing those first jobs from being in Valdez.

**Outline of steps required for project to be completed and timeline**

**Partner with PWSC and UAA to deliver clinical training programs in Valdez (Years 1-5)**

- Maintain Registered Nurse (RN) Programming
- Provide or Partner in Certified Nursing Assistant (CNA) Training
- Expand clinical instruction for pre-requisite and clinical courses

**Support expanded training opportunities for Physicians, Nurse Practitioners (NPs), and Physician’s Assistants (PAs) in Valdez (Years 1-5)**

- Grow Residency Programming to increase recruitment opportunities
- Enhance relationships with Medical Schools
- Provide onsite rotations for Nurse Practitioner (NP)/ Physician Assistant (PA) Training Programs

**Expand training programming for clinical staff in Valdez to optimize capabilities using technology, Anchorage-based, and simulated trainings (Years 1-5)**

- Radiology Technology training to include remote support/ training for computerized tomography (CT) and magnetic resonance imaging (MRI) to further develop our Rad Techs in Valdez and to expand access to enhanced diagnostics
- Clinical Academies for new nurses to strengthen their knowledge/experience in the areas of Acute Care, Emergency Care, Obstetrics, and Outpatient Care
- Obstetrical Care training through remote monitoring support, simulations, and educational opportunities
- Behavioral Health through providing clinical supervision allowing master’s level clinicians to become eligible for licensing in Alaska

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## People and Organizations responsible for completing these steps

### Partner with PWSC and UAA to deliver clinical training programs in Valdez

- RN: Pauline Doucet, PVMC Director of Clinical Services and Bonnie Saxum, PVMC Acute Care Manager in partnership with PWSC and UAA leadership
- CNA: Pauline Doucet, PVMC Director of Clinical Services and Monique Clupper, Longer Term Care Manager in partnership with PWSC leadership and other CNA Programs within the state of Alaska
- Clinical instruction: Olivia Foster, PVMC Infection Preventionist/UAA Instructor in collaboration with PWSC and UAA leadership

### Support expanded training opportunities for Physicians, Nurse Practitioners (NPs), and Physician's Assistants (PAs) in Valdez

- Residency Program- PVMC leadership, Providence Anchorage Residency Program, Swedish Residency Program, and several other residency programs
- Medical Student- PVMC leadership, Dartmouth School of Medicine, and other medical schools, as interested
- NP/PA Training Programs- PVMC leadership and new partnering programs

### Expand training programming for clinical staff in Valdez to optimize capabilities using technology, Anchorage-based, onsite and simulated trainings

- Radiology Technology
- Clinical Academies
- Obstetrical Care
- Behavioral Health

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## Cost Estimates

**\$860,000 annually**

### Partner with PWSC and UAA to deliver clinical training programs in Valdez (Years 1-5)

- Registered Nurse (RN) Programming- \$100,000 (assumes 10 students annually across 2 cohorts) annual opportunity to support tuition costs
- Certified Nursing Assistant (CNA) Training-\$150,000 (assumes 20 students across 3-4 cohorts plus additional instructor/preceptor costs) annually, partial funding through the State of Alaska/Alaska Hospital and Healthcare Association Earn While You Learn Program
- Clinical instruction for pre-requisite and clinical courses- Funded through PWSC, UAA, and PVMC

### Support expanded training opportunities for and recruitment of Physicians, Nurse Practitioners (NPs), and Physician's Assistants (PAs) in Valdez (Years 1-5)

- Residency Programming- \$25,000 annually, funded by PVMC
- Medical Students- \$10,000 annually (assumes 4 students annually), funded by PVMC and supplemented by their respective programs
- Nurse Practitioner (NP)/Physician Assistant (PA) Training Programs- \$5,000 annually (assumes 2 students annually) and supplemented by their respective programs
- Recruitment and Retention Agreements- \$120,000-\$180,000 annually, funded by the City of Valdez

### Expand training programming for clinical staff in Valdez to optimize capabilities using technology, Anchorage-based, and simulated trainings (Years 1-5)

- Radiology Technology remote support/training- \$50,000 in Year 1, \$30,000 annually in Years 2-5, not yet funded but will in part be reimbursed through billable services at PVMC
- Clinical Academies for new nurses- \$250,000 annually, to include salaries, benefits, and preceptorships
- Obstetrical Training- \$50,000 annually, to include Anchorage travel for obstetric experience, trainings brought to Valdez, and simulations
- Behavioral Health- \$100,000 annually, partially funded with state grant funds and Medicaid billing

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## Evaluation Measures

What are the indicators that will be tracked to measure project success?

- Number of RNs, CNAs, Physicians, NPs, PAs, Medical Students rotating through our programs
- Number of financially supported (partially or completely) students
- Hire rate upon program completion (RNs and CNAs) and 1 year retention
- Number of recipients of our City of Valdez Recruitment and Retention Program and 1, 3 and 5 year retention rates
- Number of participants in internal PVMC Caregiver training programs and credential/certification completion

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## Project Champion

Name: **Melanee Tiura, DHA, FACHE**

Title: **Administrator**

Organization: **Providence Valdez Medical Center**

## The Economic Strategic Action Plan draws from the following Valdez sources:

**Comprehensive Plan:**

[www.valdezak.gov/DocumentCenter/View/9954/Comprehensive-Plan](http://www.valdezak.gov/DocumentCenter/View/9954/Comprehensive-Plan)

**Meals Hill Master Plan:**

[www.valdezak.gov/DocumentCenter/View/9607/Meals-Hill-Master-Plan](http://www.valdezak.gov/DocumentCenter/View/9607/Meals-Hill-Master-Plan)

**Valdez Parks and Recreation Master Plan 2020:**

[www.valdezak.gov/DocumentCenter/View/8307/Parks-and-Recreation-Master-Plan](http://www.valdezak.gov/DocumentCenter/View/8307/Parks-and-Recreation-Master-Plan)

**Valdez Comprehensive Waterfront Master Plan 2020:**

[www.valdezak.gov/DocumentCenter/View/7988/Waterfront-Master-Plan](http://www.valdezak.gov/DocumentCenter/View/7988/Waterfront-Master-Plan)

**Valdez by the Numbers 2022-2024:**

[www.valdezak.gov/DocumentCenter/View/13045/Valdez-by-the-numbers-2022-final](http://www.valdezak.gov/DocumentCenter/View/13045/Valdez-by-the-numbers-2022-final)

**Valdez Alaska Comprehensive Plan Revision Public Survey:**

[https://drive.google.com/file/d/1zFNSK6zG\\_sysqCUfAlZZKP--5vIDFczY](https://drive.google.com/file/d/1zFNSK6zG_sysqCUfAlZZKP--5vIDFczY)

**Prince William Sound Comprehensive Economic Development Strategy 2021-2025:**

[www.pwsedd.org/\\_files/ugd/c8be42\\_4b623f34aa92495fa753caa2a8461057.pdf](http://www.pwsedd.org/_files/ugd/c8be42_4b623f34aa92495fa753caa2a8461057.pdf)

**Valdez Child Care Crisis Task Force Final Report:**

[www.valdez.legistar.com/LegislationDetail.aspx?ID=6483953&GUID=2D3961AC-3E5D-4768-8892-B9973D7A29BD&Options=&Search=](http://www.valdez.legistar.com/LegislationDetail.aspx?ID=6483953&GUID=2D3961AC-3E5D-4768-8892-B9973D7A29BD&Options=&Search=)

**City of Valdez City Council Planning Retreats**

# Valdez Economic Diversification Commission

**Colleen Stephens – Chair**  
Summer Tours & Attractions

**Jim Shirrell – Chair Pro Tempore**  
Contracting & Trades

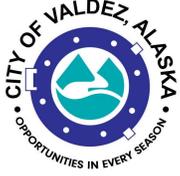
**Levi Rowland – Commissioner**

**Lanette Oliver– Commissioner**

**Martha Barberio – Director**  
City of Valdez Economic Development Department



*The Economic Diversification Commission is an advisory commission to the City Council on activities related to economic development and diversification in Valdez.*



Legislation Text

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**File #:** RES 24-0049, **Version:** 1

---

**ITEM TITLE:**

#24-49 - Amending the 2024 Budget by Appropriating \$400,000 from the Council Contingency Reserve Fund to the Design of a Child Care Facility

**SUBMITTED BY:** Jordan Nelson, Finance Director

**FISCAL NOTES:**

Expenditure Required: \$400,000

Unencumbered Balance: \$935,453

Funding Source: 350-0202-55000, Council Contingency Reserve

**RECOMMENDATION:**

Approve Resolution 24-49.

**SUMMARY STATEMENT:**

Expeditious timeline pursuant to Council's direction, this resolution appropriates funds for design of a Child Care Facility at Herman Hutchens Elementary School.

CITY OF VALDEZ, ALASKA

RESOLUTION #24-49

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA, AMENDING THE 2024 BUDGET BY APPROPRIATING \$400,000 FROM THE COUNCIL CONTINGENCY RESERVE FUND FOR THE DESIGN OF A CHILD CARE FACILITY

WHEREAS, the lack of affordability, adequacy, and availability of child care or early childhood education options is an immense problem both in the City of Valdez and throughout Alaska; and

WHEREAS, The City of Valdez contracted with the Stellar Group in 2022 to conduct an Early Childhood Needs Assessment with the goal of better understanding the effects of Valdez's child care crisis on families, businesses and the community more broadly; and

WHEREAS, the needs assessment identified Valdez as a "child care desert", prompting the City Council to establish child care as its highest priority consistently through strategic planning sessions, vision setting, and comprehensive goals; and

WHEREAS, the City Council established the Valdez Child Care Crisis Task Force (CCCTF) through Resolution 23-07 in and the task force submitted their recommendations to City Council in January 2024; and

WHEREAS, Bettisworth North conducted a Child Care Site Analysis & Concept Design recommended by the CCTF and presented their report to Council on September 3, 2024; and

WHEREAS, the Council and School board held a joint work session to discuss the child care site proposal on October 1, 2024; and

WHEREAS, final agreements and MOU's are contingent on a complete design; and

WHEREAS, the design must be completed before FY2025 to ensure construction is able to proceed in FY2025; and

WHEREAS, the council contingency was established for spending on unbudgeted city priorities with a balance adequate to cover the costs of design; and

WHEREAS, budget amendments must be formally appropriated via Budget Amendment Resolution.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA, that the 2024 City Budget is amended as follows:

Section 1: Council Contingency Reserve, 350-0202-55000, is decreased by \$400,000

Section 2: Child Care Facility Design, 310-3340-58000, is increased by \$400,000

Section 3: Transfer from Reserve, 310-0050-39140 is increased by \$400,000

Section 4: Transfer to Capital Fund, 350-0050-49125, is increased by \$400,000

PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA, this 6th day of November, 2024.

City of Valdez, Alaska

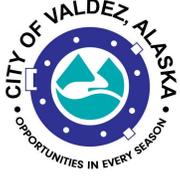
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Dennis Fleming, Mayor

ATTEST:

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Sheri L. Pierce, MMC, City Clerk



Legislation Text

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**File #:** 24-0427, **Version:** 1

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**ITEM TITLE:**

Verbal Report: Monthly Projects Update

**SUBMITTED BY:** Nathan Duval, Assistant City Manager / Capital Facilities Director

**FISCAL NOTES:**

Expenditure Required: N/A

Unencumbered Balance: N/A

Funding Source: N/A

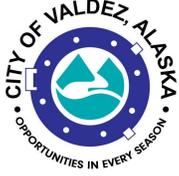
**RECOMMENDATION:**

Receive and file.

**SUMMARY STATEMENT:**

A verbal report will be presented to the Council on current project statuses.

General project information can be found on the City website at [≤  
https://www.valdezak.gov/520/Featured-Projects](https://www.valdezak.gov/520/Featured-Projects) ≥



Legislation Text

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**File #:** 24-0435, **Version:** 1

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**ITEM TITLE:**

Report: Sealed Bid Auction Results

**SUBMITTED BY:** John Witte, Public Works Director

**FISCAL NOTES:**

Expenditure Required: \$0

Unencumbered Balance: \$0

Funding Source: N/A

**RECOMMENDATION:**

Receive and file.

**SUMMARY STATEMENT:**

We conducted a sealed bid auction where we successfully sold 13 of the 14 items, resulting in a total of \$323,921.32 raised. The auction took place after two weeks of advertising, culminating in the opening of 89 sealed bids on October 17th, 2024, with 13 witnesses present. The remaining item, the 2008 CAT 730 Articulating Ejector Truck, will be sold on govdeals.com.

1. Inflatable Boat	\$3,601.00
2. 2014 Peterbilt LaBrie Front Load Trash Truck	\$3,123.00
3. 2010 Ford Expedition	\$4,750.00
4. 2015 Chevy Tahoe	\$4,150.00
5. 2006 Ford Expedition	\$4,000.00
6. 2012 CAT 966K Wheel Loader	\$195,001.00
7. 2008 CAT 730 Articulating Ejector Truck	Not Sold
8. 2016 CAT 906M Compact Wheel Loader	\$38,500.00
9. 2013 Bobcat S100 Skid steer SN1105	\$13,333.33
10. 2013 Bobcat S100 Skid steer SN1106	\$10,550.00
11. Electronic Message Board – 8277	\$1,500.00
12. Electronic Message Board – 8282	\$1,500.00
13. 2010 Peterbilt w/Sander	\$42,652.99
14. Aluminum Tilt Trailer	\$1,260.00























## Public Works Department Equipment Surplus Sale Sealed Bid Announcement

The City of Valdez Public Works Department invites sealed bids for the sale of surplus equipment. Below are the details of the items available for bidding:

### Viewing Information:

All items are available for viewing at the Public Works City Shop, located at 602 W. Egan. Interested bidders can check in at the office during normal business hours (8:00 a.m. to 4:30 p.m., Monday – Friday). Note: Visitors must check in with Shop staff. After-hours visits to the City Shop Yard are not allowed. For questions, please contact Joe Russell or Office Staff at the City of Valdez, Public Works Department, or call **907-835-4473**.

### Bidding Instructions:

- **Submission Deadline:** Sealed bids must be submitted by **2:00 p.m. on Thursday, October 17<sup>th</sup>, 2024**.
- **Opening Time:** Bids will be opened publicly at **2:15 p.m. on Thursday, October 17<sup>th</sup>, 2024**.
- **Location for Submission:** Bids can be delivered to the office of the Public Works Director at **602 W. Egan** or mailed to **P.O. Box 307, Valdez, AK 99686**, Attn: Sealed Bids – Public Works.

### Important Notes:

- Bids must be made on each item separately, with the respective item number clearly noted.
- Mark all sealed envelopes as **“EQUIPMENT SURPLUS BID CONFIDENTIAL.”**
- Payment must be made via cash, cashier's check, money order, or credit card. Items must be removed by **4:30 p.m. on Thursday, October 24<sup>th</sup>, 2024**.
- All items are sold **as is, where is**. The City of Valdez makes no warranties or representations regarding the quality or condition of any item sold.
- Purchasers must sign a **Disclaimer of Warranties** and a **Release of Liability** at the time of purchase.

We look forward to your bids!

602 W. Egan Drive  
P.O. Box 307  
Valdez, AK 99686

Phone: (907) 835-4473

[www.valdezak.gov](http://www.valdezak.gov)



## Public Works Department Equipment Surplus Sale Sealed Bid Announcement

### Surplus Items for Bid:

- Item # 1**      **2012 CAT 966K Wheel Loader S/N TFS00456  
6189 Hours – New Bias Ply Tires – Minimum Bid \$185,000**
- Item # 2**      **2008 CAT 730 Articulating Ejector Truck S/N B1W00325  
8046 Hours – Recent Bed Relining – Minimum Bid \$140,000**
- Item # 3**      **2016 CAT 906M Compact Loader S/N H6600861  
4652 Hours – Recent Pivot Pin Rebuild – Minimum Bid \$10,000**
- Item # 4**      **2010 Peterbilt 367 with Henderson Sander and End Dump Box  
87,351 Miles – Minimum Bid \$10,000**
- Item # 5**      **2014 Peterbilt LaBrie Front Load Trash Truck with Curotto Cam  
69,023 Miles – Minimum Bid \$3000**
- Item # 6**      **2013 Bobcat S100 Skid Steer – S/N 1105 – Runs and Drives  
2596 Hours – Minimum Bid \$1500**
- Item # 7**      **2013 Bobcat S100 Skid Steer – S/N 1106 – Needs Hydraulic Work  
1730 Hours – Minimum Bid \$500**
- Item # 8**      **2006 Ford Expedition – White – 100,038 Miles - Minimum Bid \$500**
- Item # 9**      **2010 Ford Expedition – Black – 93,448 Miles – Minimum Bid \$1500**
- Item # 10**     **2015 Chevy Tahoe – Black – 169,823 Miles – Minimum Bid \$1500**
- Item # 11**     **Hurricane 540 Rigid Inflatable Boat with 75 HP Evinrude O/B  
Unknown Year or Hours with Trailer – Minimum Bid \$1,000**
- Item # 12**     **2 Place Aluminum Tilt Trailer with Spare Tire – Minimum Bid \$1000**
- Item # 13**     **American Signal Company Electronic Message Boards with Solar  
Panels S/N 8277 – Minimum Bid \$500**
- Item # 14**     **American Signal Company Electronic Message Boards with Solar  
Panels S/N 8282 – Minimum Bid \$500**

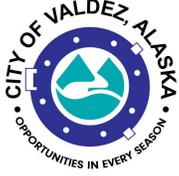
602 W. Egan Drive  
P.O. Box 307  
Valdez, AK 99686

Phone: (907) 835-4473

[www.valdezak.gov](http://www.valdezak.gov)







## Legislation Text

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**File #:** 24-0436, **Version:** 1

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**ITEM TITLE:**

Change Order Report - Change Order #2 with Valley Mechanical for Alderwood Water System Connections

**SUBMITTED BY:** Nathan Duval, Assistant City Manager / Capital Facilities Director

**FISCAL NOTES:**

Expenditure Required: \$40,000

Unencumbered Balance: \$293,490

Funding Source: 350-0600-55000 Nuisance Abatement Program Reserve

**RECOMMENDATION:**

Receive & File

**SUMMARY STATEMENT:**

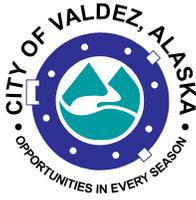
Alderwood water connections were completed by two contractors, Keith's Plumbing & Valley Mechanical. Both had contracts for time and materials reimbursement in amounts not to exceed \$40,000. Valley started work first in September and took on some of the more challenging units. In total, two change orders were issued to Valley for additional time and materials required to complete the work:

Change order #1 - \$14,000

Change Order #2 - \$35,000.

In total, only \$70,600.81 of the potential \$89,000 was expended.

This report is filed per VMC 2.80.050



**CHANGE ORDER**  
CITY OF VALDEZ

**TO:** Valley Mechanical  
6673 E. Tex-Al Dr.  
Wasilla, AK 99654

**PROJECT:** Alderwood Water Connections

**DATE ISSUED** 10/11/2024  
**CHANGE ORDER NO.** 2  
**COST CODE NO.** 350-0600-55000  
**PROJECT NO.** 24-AWC-001  
**CONTRACT NO.** 2271  
Distribute to  
Engineering \_\_\_\_\_  
Owner X  
Contractor X  
Other \_\_\_\_\_

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**You are directed to make the changes in this CONTRACT as follows:**

There is an additional \$35,000.00 being added to the contract amount to account for materials and T&M labor for approximately 10 days of work.

**Justification:**

Connections to the trailers have been more difficult and required additional time to complete.

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Not valid until signed by the City Manager. Signature of Contractor indicates his agreement herewith, including any adjustment in **CONTRACT** sum or **CONTRACT** time.

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The original <b>CONTRACT</b> sum was.....	\$	<u>40,000.00</u>
Change by previously authorized Change Order(s).....	\$	<u>14,000.00</u>
The <b>CONTRACT</b> sum prior to this Change Order was.....	\$	<u>54,000.00</u>
The <b>CONTRACT</b> sum will be increased by this Change Order.....	\$	<u>35,000.00</u>
New <b>CONTRACT</b> sum including this Change Order will be.....	\$	<u>89,000.00</u>

**CONTRACT** time will be *(increased/decreased)* by N/A days. The date of completion as of the date of this Change Order therefore remains October 31, 2024.

**CONTRACTOR**

Signed by:  
Travis Frank  
By: 5D2DFF794C264E9...  
Date: 10/11/2024 | 2:30 PM AKDT

**AUTHORIZED BY:**

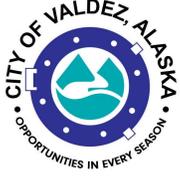
**CITY OF VALDEZ**  
John Douglas  
By: D1D0FCFD2C043F...  
John Douglas, City Manager  
Date: 10/15/2024 | 9:56 AM AKDT

**CORPORATE SEAL**

Attest: \_\_\_\_\_  
Corporate Secretary

**RECOMMENDED**

Nathan Duval  
By: F259023D98294C0...  
Nathan Duval, Director of Capital Facilities  
Date: 10/11/2024 | 4:37 PM AKDT



Legislation Text

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**File #:** 24-0437, **Version:** 1

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**ITEM TITLE:**

November 2024 Council Calendar

**SUBMITTED BY:** Elise Sorum-Birk, Deputy City Clerk

**FISCAL NOTES:**

Expenditure Required: n/a

Unencumbered Balance: n/a

Funding Source: n/a

**RECOMMENDATION:**

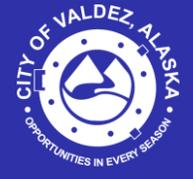
n/a

**SUMMARY STATEMENT:**

The November 2024 City Council calendar is attached for review.

# November 2024

## Valdez City Council Calendar

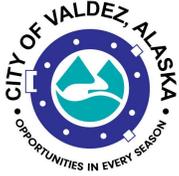


					1	2
3	4 <u>7 p.m.</u> – Ports & Harbors Commission	5 <b>STATE OF ALASKA GENERAL ELECTION</b>	6 <u>6 p.m.</u> – City Council Work Session <u>7 p.m.</u> – City Council Regular Meeting	7 <u>5 p.m.</u> – Beautification Commission <u>6 p.m.</u> – City Council Budget Work Session: CSOs	8	9
10	11 Council Travel to D.C. <b>VETERANS DAY HOLIDAY</b> <u>6 p.m.</u> School Board– Work Session <u>7 p.m.</u> School Board – Regular Meeting	12 Council Travel to D.C. <u>6:30 p.m.</u> – Parks & Rec Commission	13 Council Travel to D.C. <u>5 p.m.</u> – Library Board <u>7 p.m.</u> – Planning & Zoning Commission	14 Council Travel to D.C.	15 Council Travel to D.C.	16
17	18 <u>7 p.m.</u> – Ports & Harbors Commission	19 <u>7 p.m.</u> – City Council Regular Meeting	20 <u>7 p.m.</u> – Economic Diversification Commission	21 <b>Noon</b> – VMHA Board <u>6 p.m.</u> – City Council Budget Work Session: Education, ED, P&H	22	23
24	25 <u>6 p.m.</u> School Board– Work Session <u>7 p.m.</u> School Board – Regular Meeting	26 <u>7 p.m.</u> – Planning & Zoning Commission	27	28 <b>THANKSGIVING HOLIDAY</b>	29 <b>THANKSGIVING HOLIDAY</b>	30

Note 1: This calendar is subject to change. Contact the Clerk’s Office for the most up-to-date information. Strike-thru indicates cancellation of standing meeting.

Note 2: Unless otherwise indicated, all meetings occur in Valdez Council Chambers.

Updated 10.28.24



Legislation Text

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**File #:** 24-0438, **Version:** 1

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**ITEM TITLE:**

AML Draft Resolutions for 2025

**SUBMITTED BY:** Elise Sorum-Birk, Deputy City Clerk

**FISCAL NOTES:**

Expenditure Required: n/a

Unencumbered Balance: n/a

Funding Source: n/a

**RECOMMENDATION:**

Receive and file.

**SUMMARY STATEMENT:**

Attached are the draft 2025 Resolutions to be considered at the Alaska Municipal League Annual Local Governments Conference during the business meeting for Council to review.

**Resolution #2025-01**

**A resolution supporting an analysis of the demand for and impact of charter schools on the public education system and opposing changes to the charter school creation process that bypass local school district approval.**

WHEREAS, public charter schools and Tribal compact schools meet the diverse needs of students and their parents and guardians across the state; and

WHEREAS, charter schools are required to comply with district policies and regulations and charter schools create a financial obligation for local tax payers; and

WHEREAS, pupil enrollment in charter schools and Tribal compact schools does not change the overall amount of state funding available for public education but does reduce local school districts' ability to take advantage of economies of scale.

NOW THEREFORE BE IT RESOLVED that the Alaska Municipal League calls on DEED to perform an assessment of the demand for charter schools and an assessment of the financial impacts to the public education system of opening new charter schools and Tribal compact schools; and

BE IT FURTHER RESOLVED that the Alaska Municipal League opposes changes to the charter school creation process that eliminate the control of local school districts to approve new charter schools.

SUBMITTED BY: ALASKA MUNICIPAL LEAGUE BOARD OF DIRECTORS  
RESOLUTIONS COMMITTEE ACTION:  
BUSINESS COMMITTEE ACTION:

**Resolution #2025-02**

**A resolution calling for State funding to subsidize water and wastewater operations costs in high rate burden communities.**

WHEREAS, Alaska's rural communities experience the highest levels of water insecurity in the United States due to the absence or deterioration of infrastructure and high operating costs, of which a significant portion is the cost of staffing,

WHEREAS, reduced utility revenues combined with increasing inflation make it difficult for communities to properly operate and maintain their water and wastewater systems;

WHEREAS, the Village Safe Water Act, in AS 46.07.020, instructs the Alaska Department of Environmental Conservation to assure that there is at least one facility for safe water and hygienic sewage disposal in each village and;

WHEREAS, the Village Safe Water Act, in AS 46.07.050(b), gives the Alaska Department of Environmental Conservation the authority to make grants to the governing bodies of water and wastewater facilities that do not have sufficient financial resources to operate and maintain the facility; and

WHEREAS, the Alaska Department of Environmental Conservation has developed an Affordability Framework to assess the ability of households in Village Safe Water program communities to afford residential water and sewer rates, and which classifies communities as Low, Medium, or High Burden.

NOW THEREFORE BE IT RESOLVED that the Alaska Municipal League calls on the legislature to appropriate \$10 million for grants for the operations of village water and wastewater facilities in High Burden communities; and

BE IT FURTHER RESOLVED that the Alaska Municipal League supports legislation that will increase the size of villages that qualify for programs under the Village Safe Water Act from a population of 1,000 to 1,500.

SUBMITTED BY: ALASKA MUNICIPAL LEAGUE BOARD OF DIRECTORS  
RESOLUTIONS COMMITTEE ACTION:  
BUSINESS COMMITTEE ACTION:

## Resolution #2025-03

### **A resolution supporting a Statewide Electronics Product Stewardship Program.**

WHEREAS, waste management is an essential government service provided by local governments to protect public health, control blight, and provide quality of life; and

WHEREAS, Alaskans generate over 15 million pounds annually of spent electronics that require expensive and specialized waste management resources and incur a significant future municipal cost through hastened need for capital funding of landfill closure and new site planning; and

WHEREAS, electronics contain toxic chemicals harmful to human health and subsistence resources, such as lead, cadmium, mercury, flame retardants, and PFAS, and these chemicals leach out as the landfilled electronics age, potentially flowing to nearby land, creeks, ponds, rivers, and bays that provide drinking water and important subsistence resources; and

WHEREAS, Class II and III rural landfills serve a third of all Alaskans, are unique to Alaska due to engineering and economy of scale considerations and are not designed to contain this leachate; and

WHEREAS, at least 150 communities are within one mile of their Class III landfill, where burning waste in passive steel containers called burnboxes is a common least-cost waste management strategy through which residents can be exposed to product chemicals; and

WHEREAS, electronics are proposed to be listed as a hazardous waste under the pending State of Alaska Hazardous Waste Program, potentially increasing the cost of electronics disposal; and

WHEREAS, 27 states have Product Stewardship laws that result in electronics manufacturers paying for all or part of their state's electronics recycling with residents in those states experiencing no associated increase in the cost for their electronics; and

WHEREAS, a Statewide Electronics Product Stewardship Program can be implemented without the levy of fees, taxes, or Alaska retail business burden; and

WHEREAS, the State of Alaska can develop a Product Stewardship program without administrative cost to the State, and municipalities are not beholden to participate in, or administer, the Program.

NOW THEREFORE BE IT RESOLVED that the Alaska Municipal League supports a comprehensive statewide Product Stewardship Program for electronic recycling to substantially reduce local and regional government waste management costs as well as public health risks to their constituency.

SUBMITTED BY: ALASKA MUNICIPAL LEAGUE BOARD OF DIRECTORS  
RESOLUTIONS COMMITTEE ACTION:  
BUSINESS COMMITTEE ACTION:

**Resolution #2025-04**

**A resolution supporting an amendment to Alaska Statute 29.71.800 to allow for web based public notice.**

WHEREAS, Alaska municipalities take many actions that require public notice, including public meetings, public hearings, elections, assessment districts, property taxes, land and surplus sales, among others; and

WHEREAS, Alaska Statute (AS) Title 29 mandates that public notices be published and section 29.71.800 (18) state that “published” means appearing at least once in a newspaper of general circulation distributed to the municipality or, if there is no newspaper of general circulation distributed in the municipality, posting in three public places for at least five days; and

WHEREAS, newspapers throughout Alaska are reducing their physical paper publication dates or fail to publish public notices due to staff shortages, inhibiting municipalities’ governing bodies’ ability to take action at their regularly scheduled meetings; and

WHEREAS, many newspapers now publish online and municipalities publish public notices on their websites, a format that is becoming a common method for the public to access information; and

WHEREAS, it would be a great service to Alaska municipalities for section 29.71.800 (18) to amend “published” to include allowance for online public notice to achieve public notice requirements.

NOW THEREFORE BE IT RESOLVED that AML requests that the Alaska State Legislature amend the definition of “published” in AS 29.71.800 (18) to include allowance for web based public notice to achieve municipal public notice requirements.

SUBMITTED BY: CITY OF HOMER  
RESOLUTIONS COMMITTEE ACTION:  
BUSINESS COMMITTEE ACTION:

**Resolution #2025-05**

**A resolution urging the Alaska Legislature to maintain funding for Public Libraries Assistance Grant and the Statewide Library Electronic Doorway at FY 2024 levels.**

WHEREAS, for decades Public Libraries Assistance (PLA) grants have supported libraries across Alaska with \$6,000 to \$7,000 in annual funding; and

WHEREAS, The Statewide Library Electronic Doorway (SLED) has provided Alaskans with access to online resources and databases for learning that would otherwise be unaffordable to their local libraries; and

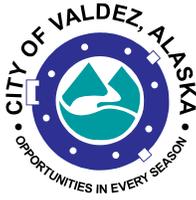
WHEREAS, the budget for the Division of Libraries, Archives and Museums reduced all PLA grants to \$1,829 in August 2024 before reversing those cuts, while SLED funding has been reduced from \$500,000 to \$369,514 in FY 2025; and

WHEREAS, the impacts of PLA funding cuts to libraries statewide varies from reductions in purchases of new materials to full closure, depending on the size and funding sources of individual libraries; and

WHEREAS, loss of SLED funding means that all public libraries in the state will have to eliminate significant online resources available to Alaska residents.

NOW THEREFORE BE IT RESOLVED that AML urges the Alaska State Legislature to maintain funding for PLA grants and SLED at FY 2024 levels.

SUBMITTED BY: CITY OF HOMER  
RESOLUTIONS COMMITTEE ACTION:  
BUSINESS COMMITTEE ACTION:



**CHANGE ORDER**  
CITY OF VALDEZ

**TO:** Valley Mechanical  
6673 E. Tex-Al Dr.  
Wasilla, AK 99654

**PROJECT:** Alderwood Water Connections

**DATE ISSUED** 10/11/2024  
**CHANGE ORDER NO.** 2  
**COST CODE NO.** 350-0600-55000  
**PROJECT NO.** 24-AWC-001  
**CONTRACT NO.** 2271  
Distribute to  
Engineering \_\_\_\_\_  
Owner X  
Contractor X  
Other \_\_\_\_\_

**You are directed to make the changes in this CONTRACT as follows:**

There is an additional \$35,000.00 being added to the contract amount to account for materials and T&M labor for approximately 10 days of work.

**Justification:**

Connections to the trailers have been more difficult and required additional time to complete.

Not valid until signed by the City Manager. Signature of Contractor indicates his agreement herewith, including any adjustment in **CONTRACT** sum or **CONTRACT** time.

The original <b>CONTRACT</b> sum was.....	\$	<u>40,000.00</u>
Change by previously authorized Change Order(s).....	\$	<u>14,000.00</u>
The <b>CONTRACT</b> sum prior to this Change Order was.....	\$	<u>54,000.00</u>
The <b>CONTRACT</b> sum will be increased by this Change Order.....	\$	<u>35,000.00</u>
New <b>CONTRACT</b> sum including this Change Order will be.....	\$	<u>89,000.00</u>

**CONTRACT** time will be (increased/decreased) by N/A days. The date of completion as of the date of this Change Order therefore remains October 31, 2024.

**CONTRACTOR**

Signed by:  
Travis Frank  
By: 5D2DFF794C264E9...  
Date: 10/11/2024 | 2:30 PM AKDT

**AUTHORIZED BY:**

**CITY OF VALDEZ**  
John Douglas  
By: D1D0FCFD2C043F...  
John Douglas, City Manager  
Date: 10/15/2024 | 9:56 AM AKDT

**CORPORATE SEAL**

Attest: \_\_\_\_\_  
Corporate Secretary

**RECOMMENDED**

Nathan Duval  
By: F259023D98294C0...  
Nathan Duval, Director of Capital Facilities  
Date: 10/11/2024 | 4:37 PM AKDT